

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010819\  
 Data File : VV009201.D  
 Acq On : 08 Jan 2019 18:48  
 Operator : SY/MD  
 Sample : K1051-10  
 Misc : 4.92 G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BE9X8

## 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\SOM2VLM010819S.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       | 63            | 71          | 98           | rVB      | 108069         | 125043        | 14.45%          | 1.906%        |
| 2         | 1.582       | 145           | 153         | 165          | rBV      | 94544          | 107455        | 12.42%          | 1.638%        |
| 3         | 2.052       | 293           | 299         | 306          | rBV5     | 2851           | 3881          | 0.45%           | 0.059%        |
| 4         | 2.129       | 312           | 323         | 336          | rBV      | 251642         | 356238        | 41.16%          | 5.429%        |
| 5         | 2.412       | 408           | 411         | 415          | rVV2     | 306            | 237           | 0.03%           | 0.004%        |
| 6         | 2.473       | 426           | 430         | 432          | rBV2     | 318            | 285           | 0.03%           | 0.004%        |
| 7         | 2.537       | 438           | 450         | 462          | rBV      | 66224          | 104809        | 12.11%          | 1.597%        |
| 8         | 2.605       | 463           | 471         | 479          | rVB2     | 4729           | 7819          | 0.90%           | 0.119%        |
| 9         | 2.647       | 480           | 484         | 485          | rBV2     | 918            | 553           | 0.06%           | 0.008%        |
| 10        | 2.717       | 501           | 506         | 508          | rBV3     | 509            | 468           | 0.05%           | 0.007%        |
| 11        | 2.737       | 508           | 512         | 517          | rVV4     | 357            | 476           | 0.06%           | 0.007%        |
| 12        | 3.071       | 610           | 616         | 626          | rBV4     | 1275           | 2204          | 0.25%           | 0.034%        |
| 13        | 3.225       | 658           | 664         | 668          | rBV      | 250            | 321           | 0.04%           | 0.005%        |
| 14        | 3.370       | 704           | 709         | 712          | rBV2     | 246            | 278           | 0.03%           | 0.004%        |
| 15        | 3.441       | 726           | 731         | 736          | rVB2     | 234            | 308           | 0.04%           | 0.005%        |
| 16        | 3.643       | 786           | 794         | 799          | rBV      | 204            | 311           | 0.04%           | 0.005%        |
| 17        | 3.965       | 879           | 894         | 899          | rBV      | 19542          | 42979         | 4.97%           | 0.655%        |
| 18        | 4.257       | 981           | 985         | 991          | rBV4     | 366            | 441           | 0.05%           | 0.007%        |
| 19        | 4.402       | 1013          | 1030        | 1051         | rBV      | 145409         | 349634        | 40.40%          | 5.329%        |
| 20        | 4.598       | 1086          | 1091        | 1095         | rVV2     | 273            | 308           | 0.04%           | 0.005%        |
| 21        | 4.630       | 1096          | 1101        | 1104         | rBV2     | 320            | 289           | 0.03%           | 0.004%        |
| 22        | 4.717       | 1125          | 1128        | 1130         | rVB      | 525            | 305           | 0.04%           | 0.005%        |
| 23        | 4.743       | 1130          | 1136        | 1138         | rBV2     | 332            | 290           | 0.03%           | 0.004%        |
| 24        | 4.865       | 1171          | 1174        | 1178         | rVB      | 285            | 256           | 0.03%           | 0.004%        |
| 25        | 5.097       | 1227          | 1246        | 1261         | rBV2     | 354483         | 865445        | 100.00%         | 13.190%       |
| 26        | 5.363       | 1326          | 1329        | 1333         | rVB2     | 285            | 250           | 0.03%           | 0.004%        |
| 27        | 5.415       | 1339          | 1345        | 1350         | rBV3     | 167            | 268           | 0.03%           | 0.004%        |
| 28        | 5.515       | 1370          | 1376        | 1379         | rBV3     | 272            | 237           | 0.03%           | 0.004%        |
| 29        | 5.598       | 1398          | 1402        | 1405         | rBV      | 227            | 231           | 0.03%           | 0.004%        |
| 30        | 5.666       | 1409          | 1423        | 1444         | rBV      | 276295         | 546596        | 63.16%          | 8.330%        |
| 31        | 5.955       | 1504          | 1513        | 1526         | rVB7     | 4362           | 8396          | 0.97%           | 0.128%        |
| 32        | 6.119       | 1543          | 1564        | 1591         | rBV      | 189247         | 386426        | 44.65%          | 5.889%        |
| 33        | 6.241       | 1598          | 1602        | 1604         | rBV2     | 560            | 403           | 0.05%           | 0.006%        |
| 34        | 6.412       | 1648          | 1655        | 1657         | rBV      | 340            | 376           | 0.04%           | 0.006%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM010819S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 6.460  | 1664 | 1670 | 1673 | rVB2 | 295    | 310    | 0.04%  | 0.005%  |
| 36 | 6.527  | 1687 | 1691 | 1694 | rBV  | 306    | 354    | 0.04%  | 0.005%  |
| 37 | 6.752  | 1749 | 1761 | 1771 | rBV4 | 780    | 1970   | 0.23%  | 0.030%  |
| 38 | 7.032  | 1834 | 1848 | 1870 | rBV  | 108478 | 196821 | 22.74% | 3.000%  |
| 39 | 7.296  | 1924 | 1930 | 1932 | rBV4 | 557    | 495    | 0.06%  | 0.008%  |
| 40 | 7.360  | 1936 | 1950 | 1966 | rBV  | 433537 | 753489 | 87.06% | 11.483% |
| 41 | 7.666  | 2033 | 2045 | 2065 | rBV  | 69224  | 122197 | 14.12% | 1.862%  |
| 42 | 7.807  | 2080 | 2089 | 2096 | rBV3 | 892    | 2131   | 0.25%  | 0.032%  |
| 43 | 7.987  | 2136 | 2145 | 2153 | rBV4 | 3166   | 5316   | 0.61%  | 0.081%  |
| 44 | 8.148  | 2183 | 2195 | 2224 | rBV3 | 70006  | 158872 | 18.36% | 2.421%  |
| 45 | 8.486  | 2295 | 2300 | 2303 | rBV3 | 401    | 315    | 0.04%  | 0.005%  |
| 46 | 8.672  | 2355 | 2358 | 2364 | rBV2 | 175    | 234    | 0.03%  | 0.004%  |
| 47 | 8.897  | 2416 | 2428 | 2459 | rBV  | 403327 | 666109 | 76.97% | 10.152% |
| 48 | 9.058  | 2468 | 2478 | 2486 | rBV3 | 1087   | 1823   | 0.21%  | 0.028%  |
| 49 | 9.141  | 2501 | 2504 | 2509 | rVV  | 458    | 342    | 0.04%  | 0.005%  |
| 50 | 9.186  | 2509 | 2518 | 2526 | rVV3 | 1156   | 2122   | 0.25%  | 0.032%  |
| 51 | 9.248  | 2533 | 2537 | 2542 | rVV  | 220    | 241    | 0.03%  | 0.004%  |
| 52 | 9.273  | 2542 | 2545 | 2551 | rVB2 | 221    | 261    | 0.03%  | 0.004%  |
| 53 | 9.595  | 2643 | 2645 | 2648 | rVV2 | 451    | 323    | 0.04%  | 0.005%  |
| 54 | 9.871  | 2725 | 2731 | 2734 | rBV2 | 352    | 313    | 0.04%  | 0.005%  |
| 55 | 9.977  | 2756 | 2764 | 2769 | rVB2 | 368    | 498    | 0.06%  | 0.008%  |
| 56 | 10.174 | 2819 | 2825 | 2829 | rVB4 | 1160   | 1240   | 0.14%  | 0.019%  |
| 57 | 10.264 | 2840 | 2853 | 2873 | rBV2 | 161618 | 256835 | 29.68% | 3.914%  |
| 58 | 10.428 | 2894 | 2904 | 2916 | rBV  | 22758  | 37016  | 4.28%  | 0.564%  |
| 59 | 10.514 | 2928 | 2931 | 2936 | rVB  | 336    | 279    | 0.03%  | 0.004%  |
| 60 | 10.617 | 2958 | 2963 | 2971 | rVB5 | 1047   | 1450   | 0.17%  | 0.022%  |
| 61 | 10.781 | 3012 | 3014 | 3019 | rVV  | 292    | 228    | 0.03%  | 0.003%  |
| 62 | 10.833 | 3025 | 3030 | 3034 | rBV  | 265    | 318    | 0.04%  | 0.005%  |
| 63 | 10.958 | 3062 | 3069 | 3082 | rVB4 | 3092   | 4385   | 0.51%  | 0.067%  |
| 64 | 11.080 | 3100 | 3107 | 3117 | rVB4 | 1206   | 1940   | 0.22%  | 0.030%  |
| 65 | 11.122 | 3117 | 3120 | 3123 | rBV  | 347    | 273    | 0.03%  | 0.004%  |
| 66 | 11.145 | 3123 | 3127 | 3134 | rVB3 | 439    | 601    | 0.07%  | 0.009%  |
| 67 | 11.193 | 3134 | 3142 | 3149 | rBV4 | 5451   | 7959   | 0.92%  | 0.121%  |
| 68 | 11.231 | 3149 | 3154 | 3162 | rVB6 | 1928   | 2589   | 0.30%  | 0.039%  |
| 69 | 11.296 | 3162 | 3174 | 3192 | rBV  | 418775 | 663142 | 76.62% | 10.107% |
| 70 | 11.373 | 3192 | 3198 | 3205 | rVB6 | 1582   | 2791   | 0.32%  | 0.043%  |
| 71 | 11.434 | 3207 | 3217 | 3224 | rBV6 | 3346   | 6252   | 0.72%  | 0.095%  |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM010819S.M  
 Title : VOC Analysis

|     |        |      |      |      |       |        |        |        |         |
|-----|--------|------|------|------|-------|--------|--------|--------|---------|
| 72  | 11.476 | 3224 | 3230 | 3240 | rVB4  | 4271   | 6557   | 0.76%  | 0.100%  |
| 73  | 11.579 | 3260 | 3262 | 3267 | rBV4  | 476    | 261    | 0.03%  | 0.004%  |
| 74  | 11.672 | 3279 | 3291 | 3305 | rBV   | 427214 | 666414 | 77.00% | 10.156% |
| 75  | 11.833 | 3334 | 3341 | 3350 | rBV7  | 2183   | 3424   | 0.40%  | 0.052%  |
| 76  | 11.871 | 3351 | 3353 | 3354 | rBV3  | 635    | 281    | 0.03%  | 0.004%  |
| 77  | 11.955 | 3375 | 3379 | 3383 | rVB5  | 628    | 523    | 0.06%  | 0.008%  |
| 78  | 12.309 | 3477 | 3489 | 3499 | rBV   | 6439   | 12985  | 1.50%  | 0.198%  |
| 79  | 12.466 | 3527 | 3538 | 3547 | rBV5  | 1693   | 3259   | 0.38%  | 0.050%  |
| 80  | 12.508 | 3547 | 3551 | 3557 | rVB4  | 810    | 944    | 0.11%  | 0.014%  |
| 81  | 12.550 | 3561 | 3564 | 3568 | rBV3  | 530    | 491    | 0.06%  | 0.007%  |
| 82  | 12.636 | 3584 | 3591 | 3597 | rBV4  | 1407   | 1934   | 0.22%  | 0.029%  |
| 83  | 12.694 | 3603 | 3609 | 3615 | rBV4  | 1275   | 1546   | 0.18%  | 0.024%  |
| 84  | 12.897 | 3669 | 3672 | 3676 | rBV   | 633    | 514    | 0.06%  | 0.008%  |
| 85  | 12.935 | 3676 | 3684 | 3692 | rVB7  | 3204   | 4175   | 0.48%  | 0.064%  |
| 86  | 13.019 | 3708 | 3710 | 3716 | rVB3  | 373    | 346    | 0.04%  | 0.005%  |
| 87  | 13.048 | 3716 | 3719 | 3721 | rBV3  | 325    | 230    | 0.03%  | 0.004%  |
| 88  | 13.128 | 3740 | 3744 | 3749 | rBV2  | 466    | 485    | 0.06%  | 0.007%  |
| 89  | 13.308 | 3796 | 3800 | 3801 | rBV   | 1105   | 738    | 0.09%  | 0.011%  |
| 90  | 13.559 | 3873 | 3878 | 3885 | rVB2  | 797    | 1103   | 0.13%  | 0.017%  |
| 91  | 13.688 | 3915 | 3918 | 3921 | rBV   | 365    | 310    | 0.04%  | 0.005%  |
| 92  | 13.797 | 3947 | 3952 | 3959 | rVB3  | 1799   | 1839   | 0.21%  | 0.028%  |
| 93  | 14.238 | 4086 | 4089 | 4091 | rVB   | 493    | 257    | 0.03%  | 0.004%  |
| 94  | 14.894 | 4290 | 4293 | 4302 | rVB5  | 2966   | 3868   | 0.45%  | 0.059%  |
| 95  | 15.048 | 4338 | 4341 | 4344 | rBV2  | 842    | 470    | 0.05%  | 0.007%  |
| 96  | 15.251 | 4402 | 4404 | 4411 | rVB4  | 828    | 712    | 0.08%  | 0.011%  |
| 97  | 15.324 | 4419 | 4427 | 4429 | rBV4  | 1872   | 2390   | 0.28%  | 0.036%  |
| 98  | 15.431 | 4451 | 4460 | 4463 | rBV10 | 1791   | 2934   | 0.34%  | 0.045%  |
| 99  | 15.466 | 4466 | 4471 | 4480 | rVB5  | 7615   | 10116  | 1.17%  | 0.154%  |
| 100 | 15.784 | 4563 | 4570 | 4579 | rVB3  | 12818  | 16748  | 1.94%  | 0.255%  |

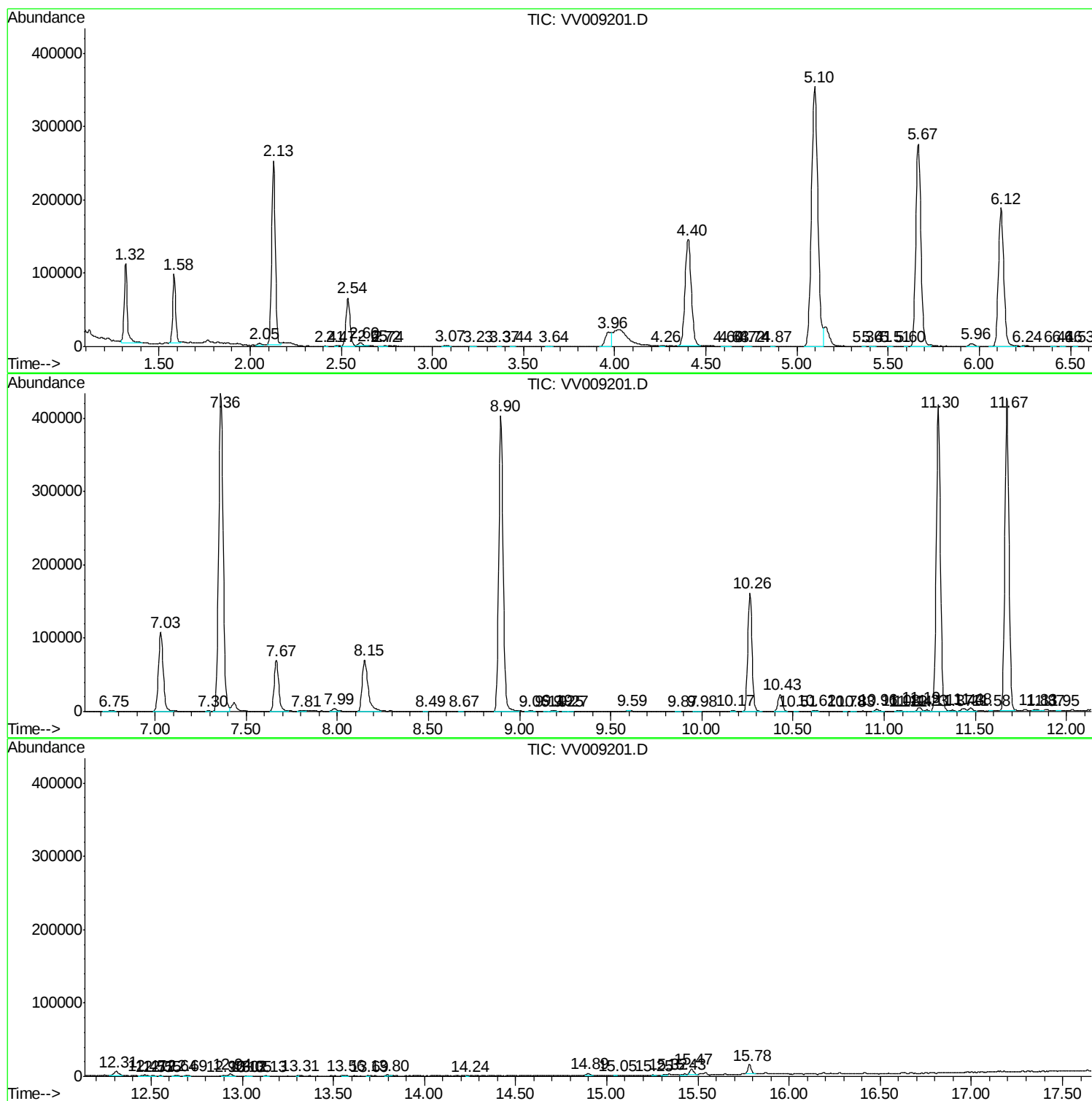
Sum of corrected areas: 6561504

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM010819S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV010819\  
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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        |