

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV032919\  
 Data File : VV010005.D  
 Acq On : 29 Mar 2019 16:54  
 Operator : SY/MD  
 Sample : K2084-13  
 Misc : 5.21G/10mL/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF7X3

## 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 # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 1.319    | 65         | 71       | 78        | rVB   | 105436      | 102053     | 19.41%       | 2.507%     |
| 2      | 1.566    | 141        | 148      | 158       | rVB   | 108323      | 124800     | 23.73%       | 3.066%     |
| 3      | 2.123    | 312        | 321      | 333       | rBV   | 266357      | 373719     | 71.07%       | 9.181%     |
| 4      | 2.364    | 393        | 396      | 398       | rBV2  | 514         | 289        | 0.05%        | 0.007%     |
| 5      | 2.534    | 436        | 449      | 463       | rBV2  | 24400       | 41614      | 7.91%        | 1.022%     |
| 6      | 2.627    | 472        | 478      | 482       | rBV3  | 937         | 895        | 0.17%        | 0.022%     |
| 7      | 2.650    | 482        | 485      | 487       | rBV3  | 938         | 531        | 0.10%        | 0.013%     |
| 8      | 2.740    | 511        | 513      | 516       | rBV2  | 558         | 303        | 0.06%        | 0.007%     |
| 9      | 2.791    | 527        | 529      | 531       | rVB   | 824         | 307        | 0.06%        | 0.008%     |
| 10     | 2.807    | 531        | 534      | 536       | rBV3  | 659         | 355        | 0.07%        | 0.009%     |
| 11     | 2.981    | 586        | 588      | 590       | rBV2  | 630         | 354        | 0.07%        | 0.009%     |
| 12     | 3.068    | 606        | 615      | 627       | rBV7  | 5771        | 11860      | 2.26%        | 0.291%     |
| 13     | 3.184    | 648        | 651      | 654       | rBV3  | 558         | 463        | 0.09%        | 0.011%     |
| 14     | 3.216    | 658        | 661      | 664       | rBV   | 659         | 516        | 0.10%        | 0.013%     |
| 15     | 3.270    | 673        | 678      | 682       | rBV3  | 499         | 639        | 0.12%        | 0.016%     |
| 16     | 3.303    | 686        | 688      | 692       | rBV   | 741         | 653        | 0.12%        | 0.016%     |
| 17     | 3.933    | 873        | 884      | 904       | rBV2  | 24347       | 60454      | 11.50%       | 1.485%     |
| 18     | 4.254    | 981        | 984      | 985       | rBV   | 494         | 272        | 0.05%        | 0.007%     |
| 19     | 4.335    | 1005       | 1009     | 1012      | rBV3  | 590         | 564        | 0.11%        | 0.014%     |
| 20     | 4.402    | 1014       | 1030     | 1055      | rVV4  | 70661       | 223524     | 42.51%       | 5.491%     |
| 21     | 4.524    | 1066       | 1068     | 1073      | rBV3  | 893         | 572        | 0.11%        | 0.014%     |
| 22     | 4.585    | 1083       | 1087     | 1089      | rBV3  | 423         | 395        | 0.08%        | 0.010%     |
| 23     | 4.720    | 1127       | 1129     | 1133      | rVB4  | 614         | 366        | 0.07%        | 0.009%     |
| 24     | 4.910    | 1184       | 1188     | 1191      | rBV   | 366         | 337        | 0.06%        | 0.008%     |
| 25     | 4.946    | 1197       | 1199     | 1203      | rVB3  | 661         | 357        | 0.07%        | 0.009%     |
| 26     | 5.013    | 1218       | 1220     | 1225      | rVB2  | 418         | 388        | 0.07%        | 0.010%     |
| 27     | 5.093    | 1228       | 1245     | 1266      | rBV4  | 210468      | 525817     | 100.00%      | 12.917%    |
| 28     | 5.415    | 1342       | 1345     | 1348      | rBV2  | 505         | 330        | 0.06%        | 0.008%     |
| 29     | 5.505    | 1371       | 1373     | 1376      | rVB2  | 731         | 399        | 0.08%        | 0.010%     |
| 30     | 5.521    | 1376       | 1378     | 1380      | rBV   | 546         | 298        | 0.06%        | 0.007%     |
| 31     | 5.663    | 1406       | 1422     | 1444      | rBV   | 177119      | 352276     | 67.00%       | 8.654%     |
| 32     | 5.798    | 1462       | 1464     | 1467      | rBV2  | 921         | 438        | 0.08%        | 0.011%     |
| 33     | 5.846    | 1476       | 1479     | 1483      | rBV2  | 500         | 425        | 0.08%        | 0.010%     |
| 34     | 5.917    | 1498       | 1501     | 1502      | rBV2  | 469         | 282        | 0.05%        | 0.007%     |

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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\SOM2VLM032619S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 5.936  | 1502 | 1507 | 1508 | rBV3 | 1327   | 908    | 0.17%  | 0.022%  |
| 36 | 6.013  | 1529 | 1531 | 1533 | rBV  | 536    | 336    | 0.06%  | 0.008%  |
| 37 | 6.071  | 1544 | 1549 | 1550 | rBV  | 636    | 542    | 0.10%  | 0.013%  |
| 38 | 6.116  | 1551 | 1563 | 1587 | rVB2 | 126950 | 256621 | 48.80% | 6.304%  |
| 39 | 6.454  | 1665 | 1668 | 1670 | rBV  | 430    | 275    | 0.05%  | 0.007%  |
| 40 | 6.473  | 1673 | 1674 | 1681 | rVB2 | 595    | 372    | 0.07%  | 0.009%  |
| 41 | 6.502  | 1681 | 1683 | 1687 | rBV2 | 620    | 386    | 0.07%  | 0.009%  |
| 42 | 6.527  | 1687 | 1691 | 1693 | rBV2 | 511    | 311    | 0.06%  | 0.008%  |
| 43 | 6.624  | 1719 | 1721 | 1723 | rBV  | 517    | 271    | 0.05%  | 0.007%  |
| 44 | 6.823  | 1777 | 1783 | 1789 | rVB6 | 1229   | 1713   | 0.33%  | 0.042%  |
| 45 | 6.923  | 1811 | 1814 | 1819 | rVB2 | 430    | 275    | 0.05%  | 0.007%  |
| 46 | 7.029  | 1836 | 1847 | 1866 | rVV2 | 56312  | 101540 | 19.31% | 2.494%  |
| 47 | 7.357  | 1938 | 1949 | 1969 | rBV  | 222903 | 392790 | 74.70% | 9.649%  |
| 48 | 7.614  | 2026 | 2029 | 2032 | rBV3 | 622    | 479    | 0.09%  | 0.012%  |
| 49 | 7.662  | 2032 | 2044 | 2059 | rBV  | 37948  | 64671  | 12.30% | 1.589%  |
| 50 | 7.926  | 2123 | 2126 | 2131 | rVV4 | 381    | 306    | 0.06%  | 0.008%  |
| 51 | 8.045  | 2158 | 2163 | 2165 | rBV2 | 733    | 629    | 0.12%  | 0.015%  |
| 52 | 8.090  | 2174 | 2177 | 2179 | rBV2 | 550    | 326    | 0.06%  | 0.008%  |
| 53 | 8.132  | 2179 | 2190 | 2212 | rBV  | 81711  | 146194 | 27.80% | 3.591%  |
| 54 | 8.325  | 2248 | 2250 | 2253 | rBV2 | 525    | 313    | 0.06%  | 0.008%  |
| 55 | 8.579  | 2327 | 2329 | 2336 | rVB3 | 765    | 348    | 0.07%  | 0.009%  |
| 56 | 8.614  | 2337 | 2340 | 2343 | rBV2 | 520    | 345    | 0.07%  | 0.008%  |
| 57 | 8.650  | 2348 | 2351 | 2352 | rBV2 | 617    | 351    | 0.07%  | 0.009%  |
| 58 | 8.894  | 2415 | 2427 | 2452 | rBV  | 259801 | 439858 | 83.65% | 10.805% |
| 59 | 9.116  | 2493 | 2496 | 2500 | rVB2 | 575    | 289    | 0.05%  | 0.007%  |
| 60 | 9.187  | 2515 | 2518 | 2520 | rBV2 | 851    | 403    | 0.08%  | 0.010%  |
| 61 | 9.463  | 2602 | 2604 | 2607 | rBV2 | 519    | 283    | 0.05%  | 0.007%  |
| 62 | 9.508  | 2616 | 2618 | 2622 | rVB2 | 942    | 444    | 0.08%  | 0.011%  |
| 63 | 9.572  | 2635 | 2638 | 2641 | rBV2 | 857    | 557    | 0.11%  | 0.014%  |
| 64 | 10.013 | 2771 | 2775 | 2776 | rBV2 | 452    | 298    | 0.06%  | 0.007%  |
| 65 | 10.071 | 2789 | 2793 | 2796 | rBV3 | 839    | 593    | 0.11%  | 0.015%  |
| 66 | 10.260 | 2841 | 2852 | 2871 | rVB  | 124482 | 201431 | 38.31% | 4.948%  |
| 67 | 10.791 | 3014 | 3017 | 3020 | rVB2 | 665    | 382    | 0.07%  | 0.009%  |
| 68 | 10.865 | 3037 | 3040 | 3041 | rBV  | 495    | 279    | 0.05%  | 0.007%  |
| 69 | 11.032 | 3089 | 3092 | 3095 | rBV3 | 630    | 366    | 0.07%  | 0.009%  |
| 70 | 11.058 | 3097 | 3100 | 3103 | rBV2 | 362    | 310    | 0.06%  | 0.008%  |
| 71 | 11.077 | 3103 | 3106 | 3110 | rBV2 | 594    | 477    | 0.09%  | 0.012%  |

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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\SOM2VLM032619S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 11.145 | 3121 | 3127 | 3129 | rBV2 | 887    | 872    | 0.17%  | 0.021% |
| 73  | 11.183 | 3134 | 3139 | 3140 | rBV3 | 2630   | 2000   | 0.38%  | 0.049% |
| 74  | 11.296 | 3163 | 3174 | 3190 | rBV  | 181846 | 312754 | 59.48% | 7.683% |
| 75  | 11.363 | 3194 | 3195 | 3197 | rBV  | 668    | 312    | 0.06%  | 0.008% |
| 76  | 11.431 | 3212 | 3216 | 3217 | rBV3 | 1894   | 1212   | 0.23%  | 0.030% |
| 77  | 11.672 | 3279 | 3291 | 3309 | rVB  | 177941 | 294191 | 55.95% | 7.227% |
| 78  | 11.762 | 3317 | 3319 | 3322 | rBV2 | 637    | 416    | 0.08%  | 0.010% |
| 79  | 11.826 | 3337 | 3339 | 3342 | rBV2 | 1022   | 389    | 0.07%  | 0.010% |
| 80  | 11.907 | 3362 | 3364 | 3368 | rVB2 | 1110   | 532    | 0.10%  | 0.013% |
| 81  | 11.952 | 3376 | 3378 | 3382 | rVV4 | 661    | 384    | 0.07%  | 0.009% |
| 82  | 11.974 | 3382 | 3385 | 3388 | rVB3 | 671    | 355    | 0.07%  | 0.009% |
| 83  | 11.990 | 3388 | 3390 | 3393 | rBV  | 391    | 294    | 0.06%  | 0.007% |
| 84  | 12.193 | 3449 | 3453 | 3454 | rBV  | 493    | 379    | 0.07%  | 0.009% |
| 85  | 12.260 | 3472 | 3474 | 3476 | rBV  | 778    | 383    | 0.07%  | 0.009% |
| 86  | 12.376 | 3508 | 3510 | 3515 | rVB2 | 492    | 297    | 0.06%  | 0.007% |
| 87  | 12.527 | 3552 | 3557 | 3558 | rBV2 | 514    | 341    | 0.06%  | 0.008% |
| 88  | 12.575 | 3569 | 3572 | 3574 | rBV2 | 636    | 340    | 0.06%  | 0.008% |
| 89  | 13.061 | 3718 | 3723 | 3726 | rBV2 | 612    | 571    | 0.11%  | 0.014% |
| 90  | 13.241 | 3777 | 3779 | 3782 | rBV  | 817    | 335    | 0.06%  | 0.008% |
| 91  | 13.511 | 3860 | 3863 | 3868 | rBV2 | 474    | 304    | 0.06%  | 0.007% |
| 92  | 13.797 | 3941 | 3952 | 3960 | rBV5 | 3887   | 5638   | 1.07%  | 0.138% |
| 93  | 14.235 | 4085 | 4088 | 4092 | rBV3 | 1128   | 903    | 0.17%  | 0.022% |
| 94  | 14.727 | 4237 | 4241 | 4244 | rBV3 | 596    | 507    | 0.10%  | 0.012% |
| 95  | 14.813 | 4265 | 4268 | 4271 | rBV  | 898    | 521    | 0.10%  | 0.013% |
| 96  | 15.681 | 4534 | 4538 | 4543 | rBV3 | 755    | 967    | 0.18%  | 0.024% |
| 97  | 15.717 | 4547 | 4549 | 4551 | rBV  | 691    | 291    | 0.06%  | 0.007% |
| 98  | 16.009 | 4637 | 4640 | 4641 | rBV3 | 779    | 423    | 0.08%  | 0.010% |
| 99  | 16.042 | 4648 | 4650 | 4655 | rBV3 | 794    | 748    | 0.14%  | 0.018% |
| 100 | 16.157 | 4682 | 4686 | 4689 | rBV4 | 1096   | 1012   | 0.19%  | 0.025% |

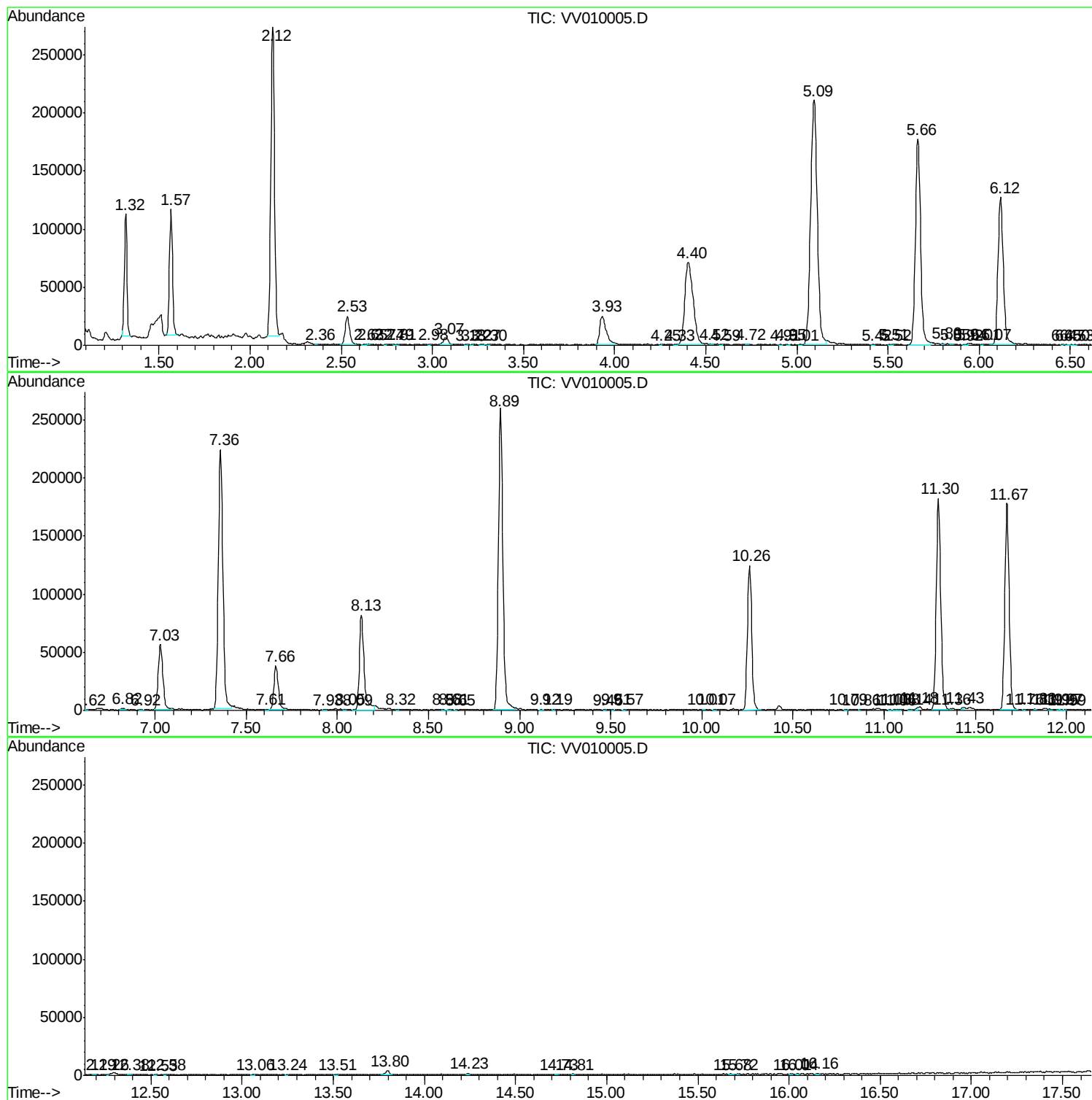
Sum of corrected areas: 4070788

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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\  
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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\VV032919\  
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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |
|------------------|----|---------|-------|----------|-----------------------|
|                  |    |         |       |          | # RT Resp Conc        |