

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031019\  
 Data File : VV009581.D  
 Acq On : 10 Mar 2019 21:31  
 Operator : SY/MD  
 Sample : K1818-12  
 Misc : 5.68G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF0R2

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\SOM2VLM030519S.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       | 62            | 71          | 82           | rBV      | 47479          | 50511         | 0.18%           | 0.160%        |
| 2         | 1.470       | 109           | 118         | 121          | rBV7     | 8312           | 13223         | 0.05%           | 0.042%        |
| 3         | 1.570       | 141           | 149         | 158          | rBV      | 45235          | 55383         | 0.20%           | 0.176%        |
| 4         | 2.126       | 313           | 322         | 347          | rVB2     | 127705         | 204733        | 0.72%           | 0.649%        |
| 5         | 2.312       | 373           | 380         | 392          | rVB4     | 2358           | 4039          | 0.01%           | 0.013%        |
| 6         | 2.367       | 394           | 397         | 401          | rVV3     | 328            | 299           | 0.00%           | 0.001%        |
| 7         | 2.463       | 424           | 427         | 434          | rVB      | 324            | 286           | 0.00%           | 0.001%        |
| 8         | 2.534       | 442           | 449         | 460          | rBV4     | 3054           | 4920          | 0.02%           | 0.016%        |
| 9         | 2.653       | 473           | 486         | 505          | rVB      | 15033          | 33113         | 0.12%           | 0.105%        |
| 10        | 2.981       | 583           | 588         | 591          | rBV2     | 234            | 235           | 0.00%           | 0.001%        |
| 11        | 3.007       | 591           | 596         | 599          | rBV2     | 283            | 269           | 0.00%           | 0.001%        |
| 12        | 3.174       | 644           | 648         | 650          | rBV2     | 249            | 231           | 0.00%           | 0.001%        |
| 13        | 3.203       | 655           | 657         | 661          | rVV      | 313            | 248           | 0.00%           | 0.001%        |
| 14        | 3.232       | 663           | 666         | 671          | rVB2     | 667            | 589           | 0.00%           | 0.002%        |
| 15        | 3.341       | 697           | 700         | 703          | rBV      | 263            | 229           | 0.00%           | 0.001%        |
| 16        | 3.531       | 755           | 759         | 762          | rBV2     | 398            | 357           | 0.00%           | 0.001%        |
| 17        | 3.894       | 867           | 872         | 873          | rBV      | 361            | 245           | 0.00%           | 0.001%        |
| 18        | 3.958       | 873           | 892         | 914          | rVV6     | 29694          | 104237        | 0.37%           | 0.331%        |
| 19        | 4.402       | 1013          | 1030        | 1063         | rVV2     | 61518          | 175167        | 0.62%           | 0.556%        |
| 20        | 4.550       | 1073          | 1076        | 1080         | rVB3     | 496            | 348           | 0.00%           | 0.001%        |
| 21        | 4.605       | 1089          | 1093        | 1097         | rBV2     | 311            | 234           | 0.00%           | 0.001%        |
| 22        | 4.711       | 1117          | 1126        | 1127         | rBV2     | 609            | 771           | 0.00%           | 0.002%        |
| 23        | 4.930       | 1191          | 1194        | 1201         | rBV2     | 196            | 249           | 0.00%           | 0.001%        |
| 24        | 4.962       | 1201          | 1204        | 1209         | rVB2     | 368            | 347           | 0.00%           | 0.001%        |
| 25        | 5.029       | 1219          | 1225        | 1227         | rBV      | 388            | 485           | 0.00%           | 0.002%        |
| 26        | 5.093       | 1227          | 1245        | 1278         | rVV2     | 161928         | 418429        | 1.48%           | 1.327%        |
| 27        | 5.225       | 1284          | 1286        | 1291         | rVB2     | 512            | 289           | 0.00%           | 0.001%        |
| 28        | 5.367       | 1321          | 1330        | 1335         | rVB2     | 394            | 575           | 0.00%           | 0.002%        |
| 29        | 5.421       | 1343          | 1347        | 1350         | rBV2     | 247            | 268           | 0.00%           | 0.001%        |
| 30        | 5.666       | 1408          | 1423        | 1442         | rBV      | 132596         | 265414        | 0.94%           | 0.842%        |
| 31        | 5.962       | 1505          | 1515        | 1529         | rBV3     | 15571          | 30811         | 0.11%           | 0.098%        |
| 32        | 6.039       | 1537          | 1539        | 1548         | rVB2     | 397            | 332           | 0.00%           | 0.001%        |
| 33        | 6.119       | 1548          | 1564        | 1598         | rBV2     | 93153          | 195567        | 0.69%           | 0.620%        |
| 34        | 6.248       | 1602          | 1604        | 1610         | rVB3     | 576            | 421           | 0.00%           | 0.001%        |

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 Sampling : 1  
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 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\SOM2VLM030519S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |          |          |         |         |
|----|--------|------|------|------|------|----------|----------|---------|---------|
| 35 | 6.367  | 1636 | 1641 | 1643 | rBV  | 225      | 224      | 0.00%   | 0.001%  |
| 36 | 6.560  | 1695 | 1701 | 1706 | rBV2 | 205      | 280      | 0.00%   | 0.001%  |
| 37 | 6.695  | 1735 | 1743 | 1752 | rBV4 | 1866     | 3262     | 0.01%   | 0.010%  |
| 38 | 6.820  | 1775 | 1782 | 1785 | rBV3 | 202      | 241      | 0.00%   | 0.001%  |
| 39 | 6.872  | 1796 | 1798 | 1806 | rVB2 | 274      | 382      | 0.00%   | 0.001%  |
| 40 | 6.913  | 1806 | 1811 | 1813 | rBV  | 270      | 269      | 0.00%   | 0.001%  |
| 41 | 7.029  | 1832 | 1847 | 1864 | rBV  | 50226    | 92500    | 0.33%   | 0.293%  |
| 42 | 7.158  | 1882 | 1887 | 1888 | rBV  | 269      | 213      | 0.00%   | 0.001%  |
| 43 | 7.283  | 1921 | 1926 | 1931 | rBV4 | 647      | 847      | 0.00%   | 0.003%  |
| 44 | 7.360  | 1936 | 1950 | 1968 | rBV  | 179328   | 342357   | 1.21%   | 1.086%  |
| 45 | 7.666  | 2030 | 2045 | 2060 | rBV  | 33995    | 57295    | 0.20%   | 0.182%  |
| 46 | 7.884  | 2109 | 2113 | 2117 | rVB3 | 505      | 332      | 0.00%   | 0.001%  |
| 47 | 7.962  | 2133 | 2137 | 2138 | rBV  | 462      | 294      | 0.00%   | 0.001%  |
| 48 | 8.026  | 2138 | 2157 | 2184 | rBV  | 17662044 | 28257529 | 100.00% | 89.624% |
| 49 | 8.309  | 2243 | 2245 | 2249 | rVB3 | 833      | 508      | 0.00%   | 0.002%  |
| 50 | 8.338  | 2249 | 2254 | 2257 | rBV  | 439      | 356      | 0.00%   | 0.001%  |
| 51 | 8.408  | 2272 | 2276 | 2280 | rVV2 | 378      | 405      | 0.00%   | 0.001%  |
| 52 | 8.463  | 2289 | 2293 | 2296 | rBV2 | 362      | 257      | 0.00%   | 0.001%  |
| 53 | 8.547  | 2315 | 2319 | 2323 | rVB2 | 414      | 351      | 0.00%   | 0.001%  |
| 54 | 8.643  | 2346 | 2349 | 2355 | rBV2 | 348      | 336      | 0.00%   | 0.001%  |
| 55 | 8.897  | 2414 | 2428 | 2453 | rBV  | 199648   | 356808   | 1.26%   | 1.132%  |
| 56 | 9.026  | 2466 | 2468 | 2472 | rVB2 | 616      | 335      | 0.00%   | 0.001%  |
| 57 | 9.052  | 2472 | 2476 | 2479 | rBV2 | 410      | 351      | 0.00%   | 0.001%  |
| 58 | 9.100  | 2485 | 2491 | 2496 | rBV2 | 513      | 596      | 0.00%   | 0.002%  |
| 59 | 9.306  | 2552 | 2555 | 2562 | rBV3 | 369      | 443      | 0.00%   | 0.001%  |
| 60 | 9.585  | 2639 | 2642 | 2647 | rVB2 | 309      | 272      | 0.00%   | 0.001%  |
| 61 | 10.261 | 2841 | 2852 | 2871 | rVV  | 102600   | 166581   | 0.59%   | 0.528%  |
| 62 | 10.331 | 2873 | 2874 | 2881 | rVB2 | 399      | 296      | 0.00%   | 0.001%  |
| 63 | 10.424 | 2893 | 2903 | 2917 | rBV3 | 7793     | 13890    | 0.05%   | 0.044%  |
| 64 | 10.826 | 3023 | 3028 | 3031 | rBV2 | 291      | 253      | 0.00%   | 0.001%  |
| 65 | 11.132 | 3120 | 3123 | 3128 | rVV2 | 234      | 220      | 0.00%   | 0.001%  |
| 66 | 11.296 | 3162 | 3174 | 3193 | rVV  | 187739   | 327539   | 1.16%   | 1.039%  |
| 67 | 11.450 | 3217 | 3222 | 3224 | rBV  | 269      | 213      | 0.00%   | 0.001%  |
| 68 | 11.476 | 3224 | 3230 | 3236 | rVB4 | 461      | 560      | 0.00%   | 0.002%  |
| 69 | 11.576 | 3258 | 3261 | 3265 | rBV  | 356      | 336      | 0.00%   | 0.001%  |
| 70 | 11.675 | 3279 | 3292 | 3311 | rVB  | 192111   | 322495   | 1.14%   | 1.023%  |
| 71 | 11.839 | 3340 | 3343 | 3350 | rVB3 | 432      | 417      | 0.00%   | 0.001%  |

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Filtering: 5  
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM030519S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |      |      |       |        |
|-----|--------|------|------|------|------|------|------|-------|--------|
| 72  | 11.884 | 3352 | 3357 | 3362 | rBV4 | 472  | 564  | 0.00% | 0.002% |
| 73  | 12.074 | 3412 | 3416 | 3418 | rBV  | 284  | 247  | 0.00% | 0.001% |
| 74  | 12.302 | 3479 | 3487 | 3500 | rVB  | 3211 | 5242 | 0.02% | 0.017% |
| 75  | 12.514 | 3545 | 3553 | 3558 | rBV2 | 294  | 505  | 0.00% | 0.002% |
| 76  | 12.669 | 3598 | 3601 | 3609 | rVB2 | 271  | 315  | 0.00% | 0.001% |
| 77  | 12.711 | 3611 | 3614 | 3616 | rBV2 | 304  | 235  | 0.00% | 0.001% |
| 78  | 12.781 | 3629 | 3636 | 3638 | rBV2 | 298  | 351  | 0.00% | 0.001% |
| 79  | 12.810 | 3642 | 3645 | 3649 | rVB  | 347  | 261  | 0.00% | 0.001% |
| 80  | 12.936 | 3681 | 3684 | 3686 | rVB2 | 477  | 226  | 0.00% | 0.001% |
| 81  | 12.994 | 3696 | 3702 | 3707 | rBV2 | 254  | 311  | 0.00% | 0.001% |
| 82  | 13.141 | 3741 | 3748 | 3751 | rBV2 | 282  | 376  | 0.00% | 0.001% |
| 83  | 13.241 | 3776 | 3779 | 3782 | rBV  | 342  | 226  | 0.00% | 0.001% |
| 84  | 13.540 | 3869 | 3872 | 3876 | rBV  | 301  | 225  | 0.00% | 0.001% |
| 85  | 13.559 | 3876 | 3878 | 3882 | rVB2 | 391  | 277  | 0.00% | 0.001% |
| 86  | 13.794 | 3945 | 3951 | 3960 | rVB3 | 1425 | 1787 | 0.01% | 0.006% |
| 87  | 13.836 | 3960 | 3964 | 3969 | rBV3 | 298  | 295  | 0.00% | 0.001% |
| 88  | 13.939 | 3992 | 3996 | 3999 | rBV2 | 305  | 229  | 0.00% | 0.001% |
| 89  | 14.032 | 4022 | 4025 | 4029 | rVB2 | 460  | 380  | 0.00% | 0.001% |
| 90  | 14.183 | 4066 | 4072 | 4077 | rBV3 | 432  | 588  | 0.00% | 0.002% |
| 91  | 14.228 | 4083 | 4086 | 4089 | rBV2 | 248  | 227  | 0.00% | 0.001% |
| 92  | 14.537 | 4179 | 4182 | 4185 | rBV2 | 455  | 373  | 0.00% | 0.001% |
| 93  | 14.842 | 4273 | 4277 | 4280 | rBV2 | 348  | 354  | 0.00% | 0.001% |
| 94  | 15.273 | 4409 | 4411 | 4416 | rBV3 | 276  | 218  | 0.00% | 0.001% |
| 95  | 15.511 | 4484 | 4485 | 4490 | rVB3 | 659  | 283  | 0.00% | 0.001% |
| 96  | 15.624 | 4516 | 4520 | 4525 | rBV4 | 550  | 644  | 0.00% | 0.002% |
| 97  | 15.820 | 4578 | 4581 | 4584 | rBV3 | 749  | 565  | 0.00% | 0.002% |
| 98  | 16.218 | 4702 | 4705 | 4708 | rBV2 | 689  | 360  | 0.00% | 0.001% |
| 99  | 16.273 | 4720 | 4722 | 4727 | rBV2 | 654  | 482  | 0.00% | 0.002% |
| 100 | 16.431 | 4769 | 4771 | 4772 | rBV2 | 545  | 227  | 0.00% | 0.001% |

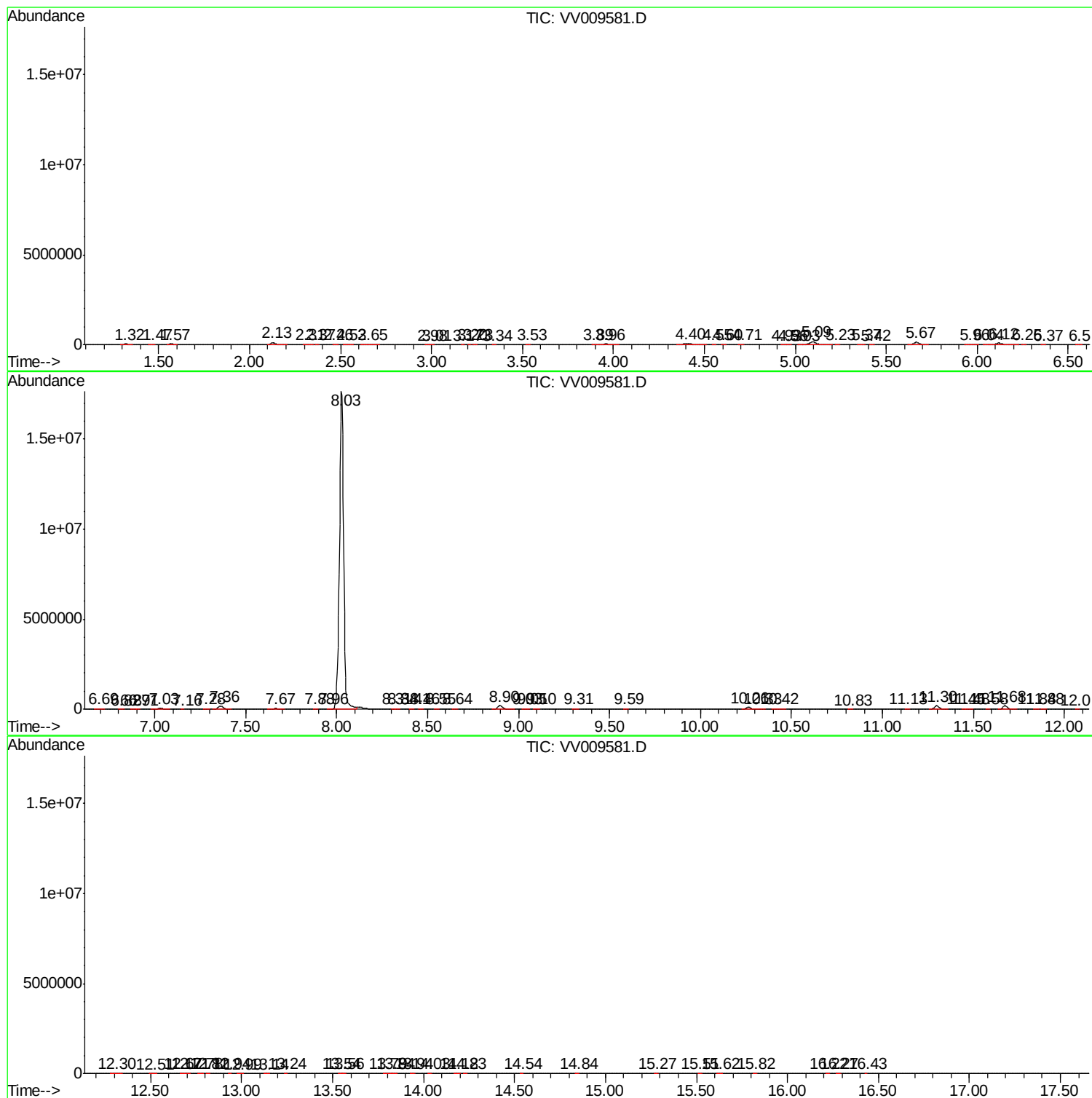
Sum of corrected areas: 31529070

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM030519S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV031019\  
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

\*\*\*\*\*

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