

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV053019\  
 Data File : VV011157.D  
 Acq On : 31 May 2019 01:13  
 Operator : SY/MD  
 Sample : K3081-01  
 Misc : 5.72G/10ML/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GALD1

## 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\SOM2VLM053019S.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         | 1.315       | 64            | 70          | 77           | rVB      | 167227         | 156065        | 12.37%          | 1.673%        |
| 2         | 1.563       | 142           | 147         | 156          | rVB      | 127745         | 141793        | 11.24%          | 1.520%        |
| 3         | 2.119       | 312           | 320         | 332          | rVB      | 279793         | 388570        | 30.80%          | 4.166%        |
| 4         | 2.946       | 575           | 577         | 578          | rBV2     | 1119           | 410           | 0.03%           | 0.004%        |
| 5         | 2.958       | 578           | 581         | 584          | rVV4     | 1074           | 813           | 0.06%           | 0.009%        |
| 6         | 3.264       | 674           | 676         | 678          | rVB2     | 1089           | 500           | 0.04%           | 0.005%        |
| 7         | 3.347       | 700           | 702         | 704          | rBV3     | 855            | 458           | 0.04%           | 0.005%        |
| 8         | 3.380       | 710           | 712         | 713          | rBV      | 856            | 361           | 0.03%           | 0.004%        |
| 9         | 3.392       | 713           | 716         | 719          | rVB5     | 907            | 613           | 0.05%           | 0.007%        |
| 10        | 3.454       | 733           | 735         | 738          | rBV3     | 1158           | 686           | 0.05%           | 0.007%        |
| 11        | 3.524       | 755           | 757         | 760          | rVB4     | 1284           | 596           | 0.05%           | 0.006%        |
| 12        | 3.720       | 816           | 818         | 820          | rBV3     | 876            | 298           | 0.02%           | 0.003%        |
| 13        | 3.820       | 846           | 849         | 851          | rBV4     | 521            | 251           | 0.02%           | 0.003%        |
| 14        | 3.939       | 875           | 886         | 906          | rBV2     | 44462          | 119669        | 9.49%           | 1.283%        |
| 15        | 4.142       | 946           | 949         | 951          | rVB4     | 1382           | 802           | 0.06%           | 0.009%        |
| 16        | 4.325       | 1004          | 1006        | 1008         | rBV3     | 499            | 263           | 0.02%           | 0.003%        |
| 17        | 4.396       | 1012          | 1028        | 1049         | rVV      | 214172         | 510405        | 40.46%          | 5.473%        |
| 18        | 4.659       | 1107          | 1110        | 1114         | rBV5     | 1478           | 1278          | 0.10%           | 0.014%        |
| 19        | 4.852       | 1167          | 1170        | 1171         | rBV3     | 863            | 499           | 0.04%           | 0.005%        |
| 20        | 4.936       | 1193          | 1196        | 1201         | rBV5     | 963            | 1060          | 0.08%           | 0.011%        |
| 21        | 5.090       | 1227          | 1244        | 1269         | rBV2     | 508334         | 1261487       | 100.00%         | 13.526%       |
| 22        | 5.659       | 1408          | 1421        | 1452         | rBV      | 418495         | 853749        | 67.68%          | 9.154%        |
| 23        | 6.116       | 1550          | 1563        | 1584         | rBV      | 297406         | 603781        | 47.86%          | 6.474%        |
| 24        | 6.428       | 1658          | 1660        | 1663         | rBV4     | 913            | 409           | 0.03%           | 0.004%        |
| 25        | 6.466       | 1670          | 1672        | 1673         | rBV2     | 696            | 222           | 0.02%           | 0.002%        |
| 26        | 6.515       | 1683          | 1687        | 1689         | rBV4     | 1466           | 1157          | 0.09%           | 0.012%        |
| 27        | 6.540       | 1694          | 1695        | 1701         | rVB3     | 1039           | 601           | 0.05%           | 0.006%        |
| 28        | 6.569       | 1701          | 1704        | 1708         | rBV5     | 1285           | 1267          | 0.10%           | 0.014%        |
| 29        | 6.778       | 1767          | 1769        | 1771         | rBV3     | 1054           | 509           | 0.04%           | 0.005%        |
| 30        | 6.823       | 1780          | 1783        | 1788         | rBV6     | 1008           | 865           | 0.07%           | 0.009%        |
| 31        | 6.933       | 1813          | 1817        | 1818         | rBV2     | 898            | 578           | 0.05%           | 0.006%        |
| 32        | 7.026       | 1835          | 1846        | 1867         | rBV      | 166360         | 293134        | 23.24%          | 3.143%        |
| 33        | 7.219       | 1905          | 1906        | 1908         | rBV2     | 772            | 257           | 0.02%           | 0.003%        |
| 34        | 7.283       | 1924          | 1926        | 1930         | rVB3     | 968            | 503           | 0.04%           | 0.005%        |

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## Integration Parameters: LSCINT.P

Integrator: RTE  
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 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\SOM2VLM053019S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 35 | 7.357  | 1935 | 1949 | 1964 | rBV  | 606013 | 1057596 | 83.84% | 11.340% |
| 36 | 7.662  | 2034 | 2044 | 2058 | rBV  | 106250 | 180071  | 14.27% | 1.931%  |
| 37 | 7.910  | 2119 | 2121 | 2125 | rVB4 | 926    | 410     | 0.03%  | 0.004%  |
| 38 | 7.981  | 2135 | 2143 | 2153 | rBV2 | 11816  | 20808   | 1.65%  | 0.223%  |
| 39 | 8.058  | 2165 | 2167 | 2171 | rVB4 | 1421   | 622     | 0.05%  | 0.007%  |
| 40 | 8.132  | 2179 | 2190 | 2208 | rBV  | 164731 | 289869  | 22.98% | 3.108%  |
| 41 | 8.537  | 2312 | 2316 | 2319 | rBV4 | 1397   | 1239    | 0.10%  | 0.013%  |
| 42 | 8.604  | 2336 | 2337 | 2338 | rBV  | 561    | 141     | 0.01%  | 0.002%  |
| 43 | 8.627  | 2341 | 2344 | 2347 | rVV5 | 1468   | 968     | 0.08%  | 0.010%  |
| 44 | 8.646  | 2347 | 2350 | 2355 | rVB6 | 1162   | 1114    | 0.09%  | 0.012%  |
| 45 | 8.672  | 2355 | 2358 | 2359 | rBV2 | 1176   | 485     | 0.04%  | 0.005%  |
| 46 | 8.733  | 2375 | 2377 | 2378 | rBV2 | 690    | 297     | 0.02%  | 0.003%  |
| 47 | 8.894  | 2414 | 2427 | 2451 | rBV  | 649617 | 1074914 | 85.21% | 11.526% |
| 48 | 9.148  | 2504 | 2506 | 2508 | rBV2 | 721    | 307     | 0.02%  | 0.003%  |
| 49 | 9.186  | 2508 | 2518 | 2525 | rBV7 | 5929   | 10983   | 0.87%  | 0.118%  |
| 50 | 9.231  | 2530 | 2532 | 2535 | rVB4 | 1529   | 801     | 0.06%  | 0.009%  |
| 51 | 9.251  | 2535 | 2538 | 2540 | rBV4 | 1345   | 671     | 0.05%  | 0.007%  |
| 52 | 9.283  | 2547 | 2548 | 2550 | rBV2 | 866    | 307     | 0.02%  | 0.003%  |
| 53 | 9.518  | 2615 | 2621 | 2623 | rBV5 | 1122   | 1118    | 0.09%  | 0.012%  |
| 54 | 9.797  | 2705 | 2708 | 2712 | rBV5 | 1046   | 898     | 0.07%  | 0.010%  |
| 55 | 10.119 | 2805 | 2808 | 2814 | rVB6 | 1399   | 1199    | 0.10%  | 0.013%  |
| 56 | 10.145 | 2814 | 2816 | 2817 | rBV2 | 741    | 329     | 0.03%  | 0.004%  |
| 57 | 10.260 | 2841 | 2852 | 2870 | rVB  | 239350 | 380881  | 30.19% | 4.084%  |
| 58 | 10.424 | 2889 | 2903 | 2915 | rBV  | 112558 | 196793  | 15.60% | 2.110%  |
| 59 | 10.492 | 2919 | 2924 | 2929 | rBV7 | 1525   | 2315    | 0.18%  | 0.025%  |
| 60 | 10.553 | 2937 | 2943 | 2953 | rBV7 | 3150   | 5857    | 0.46%  | 0.063%  |
| 61 | 10.624 | 2960 | 2965 | 2967 | rBV4 | 2589   | 2532    | 0.20%  | 0.027%  |
| 62 | 10.698 | 2985 | 2988 | 2990 | rBV3 | 1062   | 556     | 0.04%  | 0.006%  |
| 63 | 11.042 | 3093 | 3095 | 3096 | rBV2 | 1063   | 411     | 0.03%  | 0.004%  |
| 64 | 11.071 | 3102 | 3104 | 3106 | rBV3 | 1102   | 545     | 0.04%  | 0.006%  |
| 65 | 11.196 | 3135 | 3143 | 3151 | rBV3 | 7958   | 13662   | 1.08%  | 0.146%  |
| 66 | 11.296 | 3162 | 3174 | 3190 | rBV  | 528281 | 869817  | 68.95% | 9.327%  |
| 67 | 11.518 | 3239 | 3243 | 3246 | rBV4 | 954    | 560     | 0.04%  | 0.006%  |
| 68 | 11.579 | 3255 | 3262 | 3271 | rBV5 | 5462   | 9238    | 0.73%  | 0.099%  |
| 69 | 11.672 | 3279 | 3291 | 3309 | rVB  | 472257 | 765627  | 60.69% | 8.209%  |
| 70 | 12.135 | 3432 | 3435 | 3437 | rBV4 | 1947   | 1124    | 0.09%  | 0.012%  |
| 71 | 12.296 | 3475 | 3485 | 3497 | rVB  | 43407  | 73113   | 5.80%  | 0.784%  |

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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\SOM2VLM053019S.M  
 Title : VOC Analysis

|    |        |      |      |      |       |      |      |       |        |
|----|--------|------|------|------|-------|------|------|-------|--------|
| 72 | 12.784 | 3633 | 3637 | 3639 | rBV5  | 1940 | 1715 | 0.14% | 0.018% |
| 73 | 12.862 | 3659 | 3661 | 3664 | rBV4  | 780  | 462  | 0.04% | 0.005% |
| 74 | 13.035 | 3712 | 3715 | 3718 | rBV5  | 1326 | 879  | 0.07% | 0.009% |
| 75 | 13.186 | 3760 | 3762 | 3764 | rBV2  | 1344 | 774  | 0.06% | 0.008% |
| 76 | 13.209 | 3767 | 3769 | 3774 | rVB4  | 1443 | 994  | 0.08% | 0.011% |
| 77 | 13.463 | 3844 | 3848 | 3849 | rBV3  | 1081 | 568  | 0.05% | 0.006% |
| 78 | 13.633 | 3898 | 3901 | 3905 | rBV5  | 1345 | 915  | 0.07% | 0.010% |
| 79 | 13.794 | 3943 | 3951 | 3956 | rBV10 | 2301 | 3917 | 0.31% | 0.042% |
| 80 | 13.887 | 3978 | 3980 | 3983 | rBV3  | 970  | 437  | 0.03% | 0.005% |
| 81 | 13.910 | 3985 | 3987 | 3989 | rBV3  | 1167 | 538  | 0.04% | 0.006% |
| 82 | 14.376 | 4126 | 4132 | 4133 | rBV4  | 1711 | 1598 | 0.13% | 0.017% |
| 83 | 14.743 | 4244 | 4246 | 4250 | rBV4  | 1196 | 842  | 0.07% | 0.009% |
| 84 | 14.990 | 4321 | 4323 | 4324 | rBV2  | 1084 | 512  | 0.04% | 0.005% |

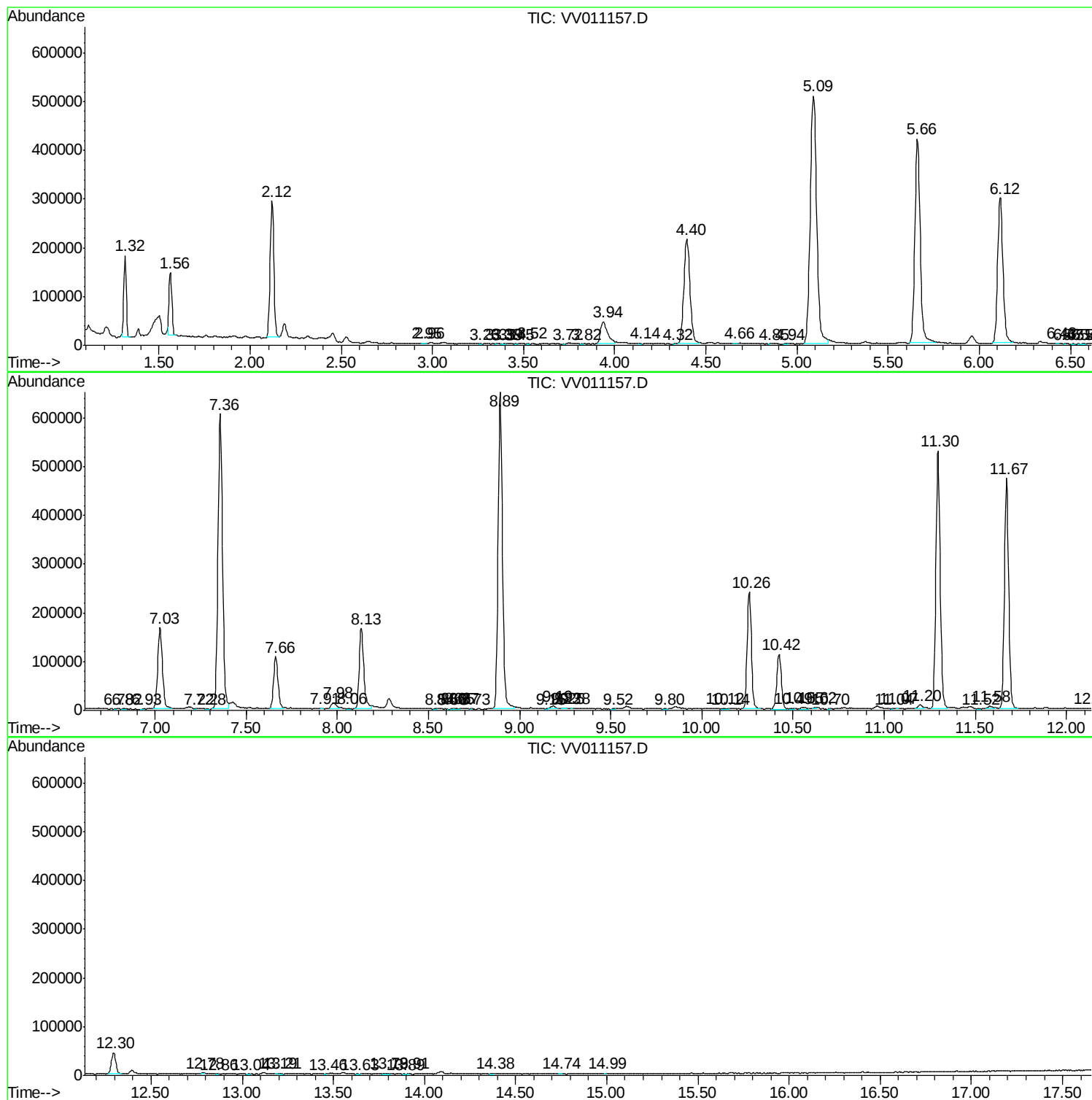
Sum of corrected areas: 9326238

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV053019\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM053019S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV053019\  
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Instrument :  
MSV0A\_V  
ClientSampleId :  
GALD1

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_V\METHOD\SOM2VLM053019S.M  
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TIC Library : C:\DATABASE\NIST11.L  
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No Library Search Compounds Detected

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM053019S.M  
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| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |
|------------------|----|---------|-------|----------|-----------------------|
|                  |    |         |       |          | # RT Resp Conc        |