

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV070124\  
 Data File : VV036386.D  
 Acq On : 01 Jul 2024 19:15  
 Operator : SY/MD  
 Sample : P3010-18  
 Misc : 5.66g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4BB3

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
 Title : VOC Analysis

Signal : TIC: VV036386.D\data.ms

| 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         | 1.272       | 66            | 72          | 90           | rVB      | 182758         | 201106        | 17.26%          | 2.212%        |
| 2         | 1.526       | 145           | 151         | 167          | rVB      | 167929         | 200817        | 17.23%          | 2.209%        |
| 3         | 2.050       | 305           | 314         | 337          | rVB      | 359393         | 534545        | 45.87%          | 5.881%        |
| 4         | 2.442       | 427           | 436         | 451          | rVB2     | 30064          | 49524         | 4.25%           | 0.545%        |
| 5         | 2.696       | 513           | 515         | 519          | rVB3     | 337            | 208           | 0.02%           | 0.002%        |
| 6         | 2.738       | 525           | 528         | 530          | rBV3     | 367            | 221           | 0.02%           | 0.002%        |
| 7         | 2.780       | 538           | 541         | 547          | rVB2     | 272            | 167           | 0.01%           | 0.002%        |
| 8         | 2.809       | 547           | 550         | 552          | rBV2     | 233            | 174           | 0.01%           | 0.002%        |
| 9         | 2.844       | 558           | 561         | 565          | rBV2     | 314            | 270           | 0.02%           | 0.003%        |
| 10        | 2.905       | 577           | 580         | 582          | rBV      | 246            | 138           | 0.01%           | 0.002%        |
| 11        | 2.963       | 586           | 598         | 612          | rVV6     | 6104           | 13316         | 1.14%           | 0.146%        |
| 12        | 3.066       | 627           | 630         | 635          | rVB2     | 365            | 242           | 0.02%           | 0.003%        |
| 13        | 3.098       | 638           | 640         | 642          | rBV      | 320            | 218           | 0.02%           | 0.002%        |
| 14        | 3.236       | 680           | 683         | 687          | rBV2     | 387            | 329           | 0.03%           | 0.004%        |
| 15        | 3.265       | 690           | 692         | 695          | rVB      | 320            | 147           | 0.01%           | 0.002%        |
| 16        | 3.288       | 695           | 699         | 700          | rBV      | 231            | 132           | 0.01%           | 0.001%        |
| 17        | 3.336       | 712           | 714         | 718          | rVB      | 424            | 212           | 0.02%           | 0.002%        |
| 18        | 3.359       | 718           | 721         | 725          | rBV2     | 418            | 309           | 0.03%           | 0.003%        |
| 19        | 3.404       | 731           | 735         | 736          | rBV      | 198            | 126           | 0.01%           | 0.001%        |
| 20        | 3.574       | 785           | 788         | 791          | rBV      | 167            | 121           | 0.01%           | 0.001%        |
| 21        | 3.619       | 798           | 802         | 807          | rVB2     | 395            | 377           | 0.03%           | 0.004%        |
| 22        | 3.658       | 812           | 814         | 817          | rBV      | 240            | 129           | 0.01%           | 0.001%        |
| 23        | 3.709       | 826           | 830         | 835          | rBV      | 262            | 156           | 0.01%           | 0.002%        |
| 24        | 3.757       | 839           | 845         | 847          | rBV3     | 384            | 294           | 0.03%           | 0.003%        |
| 25        | 3.799       | 855           | 858         | 861          | rVB      | 207            | 146           | 0.01%           | 0.002%        |
| 26        | 3.847       | 861           | 873         | 894          | rBV      | 14942          | 58363         | 5.01%           | 0.642%        |
| 27        | 4.243       | 980           | 996         | 1034         | rBV      | 217366         | 578332        | 49.63%          | 6.363%        |
| 28        | 4.609       | 1108          | 1110        | 1112         | rBV2     | 488            | 324           | 0.03%           | 0.004%        |
| 29        | 4.661       | 1123          | 1126        | 1129         | rBV3     | 285            | 219           | 0.02%           | 0.002%        |
| 30        | 4.719       | 1142          | 1144        | 1147         | rVB      | 304            | 134           | 0.01%           | 0.001%        |
| 31        | 4.770       | 1155          | 1160        | 1165         | rBV3     | 467            | 398           | 0.03%           | 0.004%        |
| 32        | 4.850       | 1179          | 1185        | 1186         | rBV      | 314            | 192           | 0.02%           | 0.002%        |
| 33        | 4.950       | 1202          | 1216        | 1250         | rBV2     | 450267         | 1160866       | 99.61%          | 12.771%       |
| 34        | 5.285       | 1317          | 1320        | 1322         | rBV3     | 461            | 335           | 0.03%           | 0.004%        |
| 35        | 5.445       | 1368          | 1370        | 1379         | rVB      | 759            | 708           | 0.06%           | 0.008%        |
| 36        | 5.481       | 1379          | 1381        | 1384         | rBV      | 379            | 280           | 0.02%           | 0.003%        |

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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\SFAMVLM062724SMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 5.529  | 1385 | 1396 | 1431 | rBV  | 468576 | 986683  | 84.67%  | 10.855% |
| 38 | 5.828  | 1479 | 1489 | 1505 | rBV2 | 17500  | 38417   | 3.30%   | 0.423%  |
| 39 | 5.937  | 1521 | 1523 | 1525 | rBV2 | 386    | 165     | 0.01%   | 0.002%  |
| 40 | 5.985  | 1525 | 1538 | 1572 | rBV  | 290893 | 613982  | 52.69%  | 6.755%  |
| 41 | 6.320  | 1638 | 1642 | 1644 | rBV3 | 292    | 176     | 0.02%   | 0.002%  |
| 42 | 6.381  | 1659 | 1661 | 1664 | rBV2 | 208    | 126     | 0.01%   | 0.001%  |
| 43 | 6.413  | 1667 | 1671 | 1675 | rBV2 | 643    | 547     | 0.05%   | 0.006%  |
| 44 | 6.455  | 1681 | 1684 | 1689 | rVB2 | 305    | 189     | 0.02%   | 0.002%  |
| 45 | 6.574  | 1719 | 1721 | 1724 | rBV2 | 238    | 159     | 0.01%   | 0.002%  |
| 46 | 6.629  | 1732 | 1738 | 1739 | rBV2 | 196    | 136     | 0.01%   | 0.001%  |
| 47 | 6.757  | 1775 | 1778 | 1780 | rBV  | 379    | 221     | 0.02%   | 0.002%  |
| 48 | 6.818  | 1794 | 1797 | 1801 | rVB2 | 383    | 259     | 0.02%   | 0.003%  |
| 49 | 6.841  | 1801 | 1804 | 1806 | rBV2 | 304    | 204     | 0.02%   | 0.002%  |
| 50 | 6.911  | 1816 | 1826 | 1862 | rBV  | 115506 | 233201  | 20.01%  | 2.566%  |
| 51 | 7.239  | 1917 | 1928 | 1956 | rBV  | 463334 | 837172  | 71.84%  | 9.210%  |
| 52 | 7.555  | 2017 | 2026 | 2054 | rBV  | 76716  | 152097  | 13.05%  | 1.673%  |
| 53 | 7.825  | 2108 | 2110 | 2113 | rVB2 | 304    | 149     | 0.01%   | 0.002%  |
| 54 | 7.844  | 2113 | 2116 | 2118 | rBV5 | 477    | 335     | 0.03%   | 0.004%  |
| 55 | 7.870  | 2118 | 2124 | 2134 | rVV3 | 3237   | 5336    | 0.46%   | 0.059%  |
| 56 | 7.950  | 2145 | 2149 | 2151 | rBV3 | 186    | 137     | 0.01%   | 0.002%  |
| 57 | 8.034  | 2164 | 2175 | 2208 | rBV2 | 73124  | 173473  | 14.89%  | 1.908%  |
| 58 | 8.304  | 2257 | 2259 | 2260 | rBV  | 543    | 260     | 0.02%   | 0.003%  |
| 59 | 8.378  | 2280 | 2282 | 2283 | rBV2 | 579    | 216     | 0.02%   | 0.002%  |
| 60 | 8.403  | 2288 | 2290 | 2293 | rVB4 | 621    | 252     | 0.02%   | 0.003%  |
| 61 | 8.484  | 2312 | 2315 | 2318 | rVB  | 763    | 495     | 0.04%   | 0.005%  |
| 62 | 8.503  | 2318 | 2321 | 2325 | rBV2 | 702    | 402     | 0.03%   | 0.004%  |
| 63 | 8.564  | 2338 | 2340 | 2343 | rBV2 | 380    | 181     | 0.02%   | 0.002%  |
| 64 | 8.628  | 2356 | 2360 | 2362 | rBV2 | 471    | 358     | 0.03%   | 0.004%  |
| 65 | 8.673  | 2372 | 2374 | 2375 | rBV  | 224    | 123     | 0.01%   | 0.001%  |
| 66 | 8.783  | 2396 | 2408 | 2439 | rBV  | 704949 | 1165357 | 100.00% | 12.821% |
| 67 | 9.017  | 2478 | 2481 | 2482 | rBV3 | 682    | 361     | 0.03%   | 0.004%  |
| 68 | 9.194  | 2533 | 2536 | 2539 | rBV3 | 506    | 224     | 0.02%   | 0.002%  |
| 69 | 9.255  | 2551 | 2555 | 2560 | rVB4 | 609    | 575     | 0.05%   | 0.006%  |
| 70 | 9.281  | 2560 | 2563 | 2567 | rBV2 | 355    | 394     | 0.03%   | 0.004%  |
| 71 | 9.487  | 2625 | 2627 | 2631 | rBV3 | 404    | 292     | 0.03%   | 0.003%  |
| 72 | 9.722  | 2697 | 2700 | 2703 | rBV2 | 261    | 193     | 0.02%   | 0.002%  |
| 73 | 9.834  | 2731 | 2735 | 2737 | rBV2 | 532    | 387     | 0.03%   | 0.004%  |
| 74 | 9.911  | 2756 | 2759 | 2761 | rBV2 | 226    | 139     | 0.01%   | 0.002%  |
| 75 | 10.088 | 2812 | 2814 | 2817 | rBV2 | 380    | 176     | 0.02%   | 0.002%  |
| 76 | 10.152 | 2822 | 2834 | 2857 | rBV  | 221453 | 361165  | 30.99%  | 3.973%  |

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Integration Parameters: LSCINT.P

Integrator: RTE

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Min Area: 0 % of largest Peak

Start Thrs: 0.2

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 77  | 10.323 | 2878 | 2887 | 2902 | rVB2 | 14407  | 22439  | 1.93%  | 0.247%  |
| 78  | 10.468 | 2929 | 2932 | 2936 | rBV2 | 481    | 272    | 0.02%  | 0.003%  |
| 79  | 10.509 | 2936 | 2945 | 2947 | rBV4 | 753    | 938    | 0.08%  | 0.010%  |
| 80  | 10.590 | 2966 | 2970 | 2972 | rBV  | 219    | 163    | 0.01%  | 0.002%  |
| 81  | 10.661 | 2988 | 2992 | 2997 | rVB2 | 390    | 290    | 0.02%  | 0.003%  |
| 82  | 10.747 | 3015 | 3019 | 3021 | rBV2 | 288    | 186    | 0.02%  | 0.002%  |
| 83  | 10.760 | 3021 | 3023 | 3027 | rBV3 | 644    | 539    | 0.05%  | 0.006%  |
| 84  | 10.850 | 3042 | 3051 | 3064 | rBV7 | 2722   | 4774   | 0.41%  | 0.053%  |
| 85  | 11.082 | 3116 | 3123 | 3131 | rVB4 | 4343   | 6140   | 0.53%  | 0.068%  |
| 86  | 11.181 | 3143 | 3154 | 3174 | rBV  | 576415 | 917454 | 78.73% | 10.093% |
| 87  | 11.500 | 3245 | 3253 | 3254 | rBV6 | 5429   | 5928   | 0.51%  | 0.065%  |
| 88  | 11.558 | 3261 | 3271 | 3298 | rVB  | 464131 | 727620 | 62.44% | 8.005%  |
| 89  | 12.191 | 3458 | 3468 | 3481 | rBV2 | 7548   | 12686  | 1.09%  | 0.140%  |
| 90  | 12.500 | 3559 | 3564 | 3567 | rBV4 | 520    | 474    | 0.04%  | 0.005%  |
| 91  | 12.619 | 3594 | 3601 | 3609 | rBV8 | 3989   | 6143   | 0.53%  | 0.068%  |
| 92  | 12.773 | 3646 | 3649 | 3652 | rBV  | 697    | 459    | 0.04%  | 0.005%  |
| 93  | 12.837 | 3660 | 3669 | 3676 | rBV8 | 1540   | 2352   | 0.20%  | 0.026%  |
| 94  | 12.892 | 3682 | 3686 | 3687 | rBV  | 457    | 319    | 0.03%  | 0.004%  |
| 95  | 12.947 | 3699 | 3703 | 3705 | rBV  | 458    | 416    | 0.04%  | 0.005%  |
| 96  | 13.236 | 3791 | 3793 | 3794 | rBV  | 457    | 237    | 0.02%  | 0.003%  |
| 97  | 13.358 | 3829 | 3831 | 3833 | rBV  | 457    | 234    | 0.02%  | 0.003%  |
| 98  | 13.512 | 3877 | 3879 | 3882 | rBV4 | 708    | 472    | 0.04%  | 0.005%  |
| 99  | 13.770 | 3956 | 3959 | 3962 | rBV2 | 607    | 381    | 0.03%  | 0.004%  |
| 100 | 13.885 | 3993 | 3995 | 3999 | rBV3 | 526    | 463    | 0.04%  | 0.005%  |

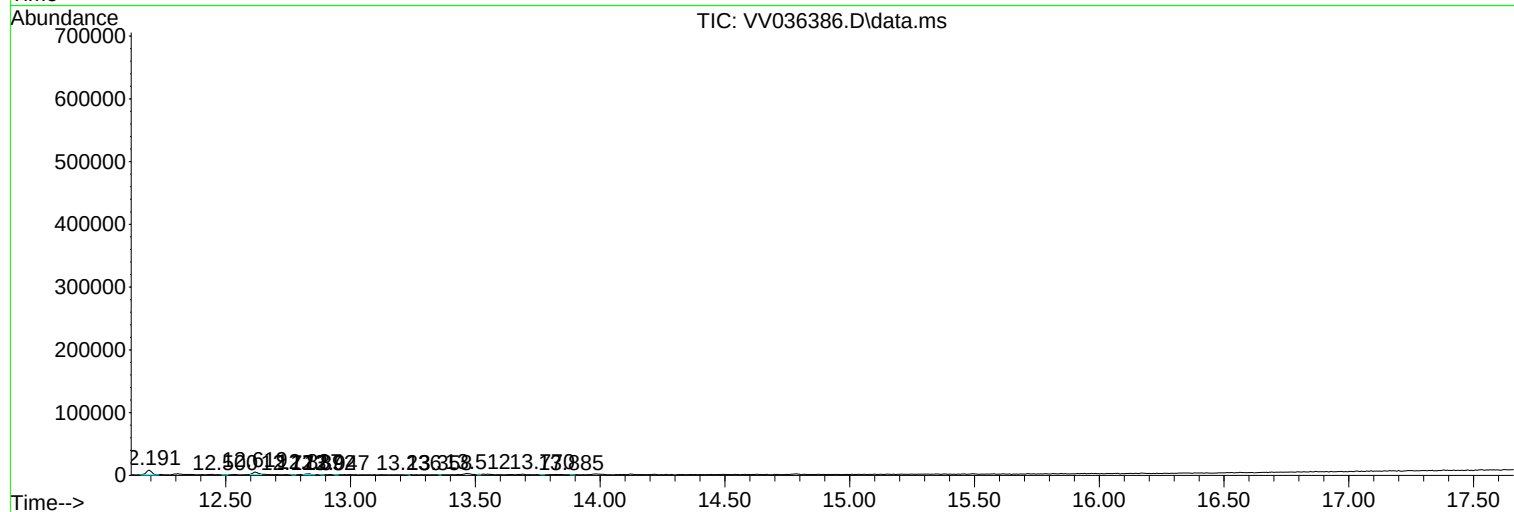
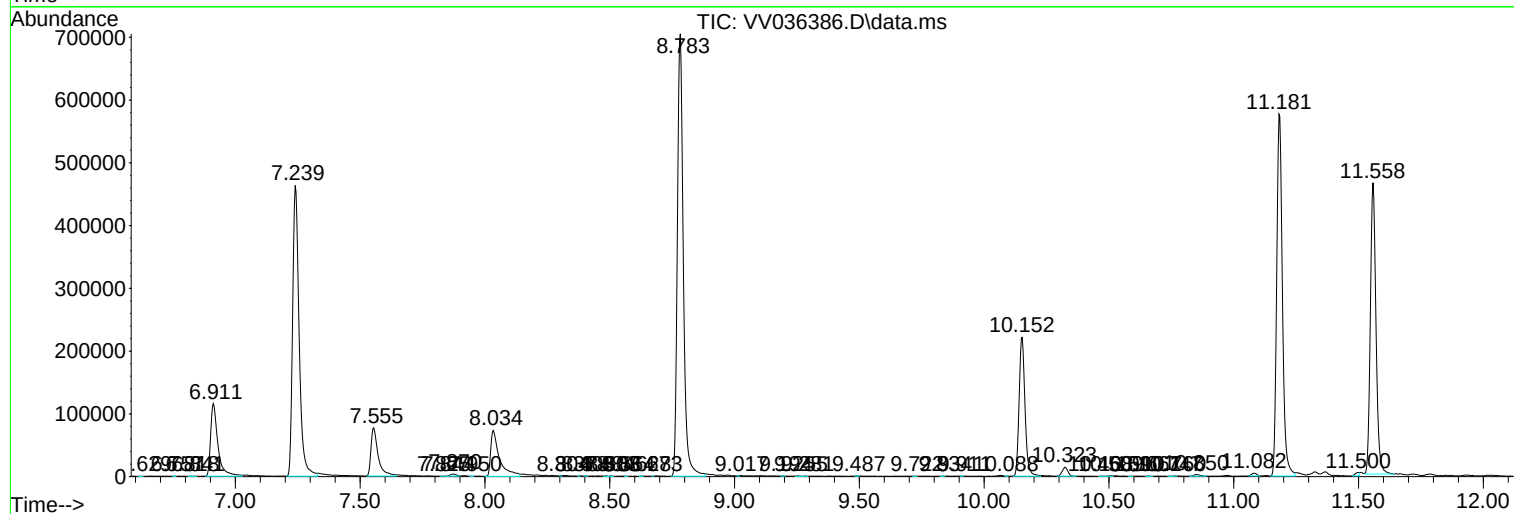
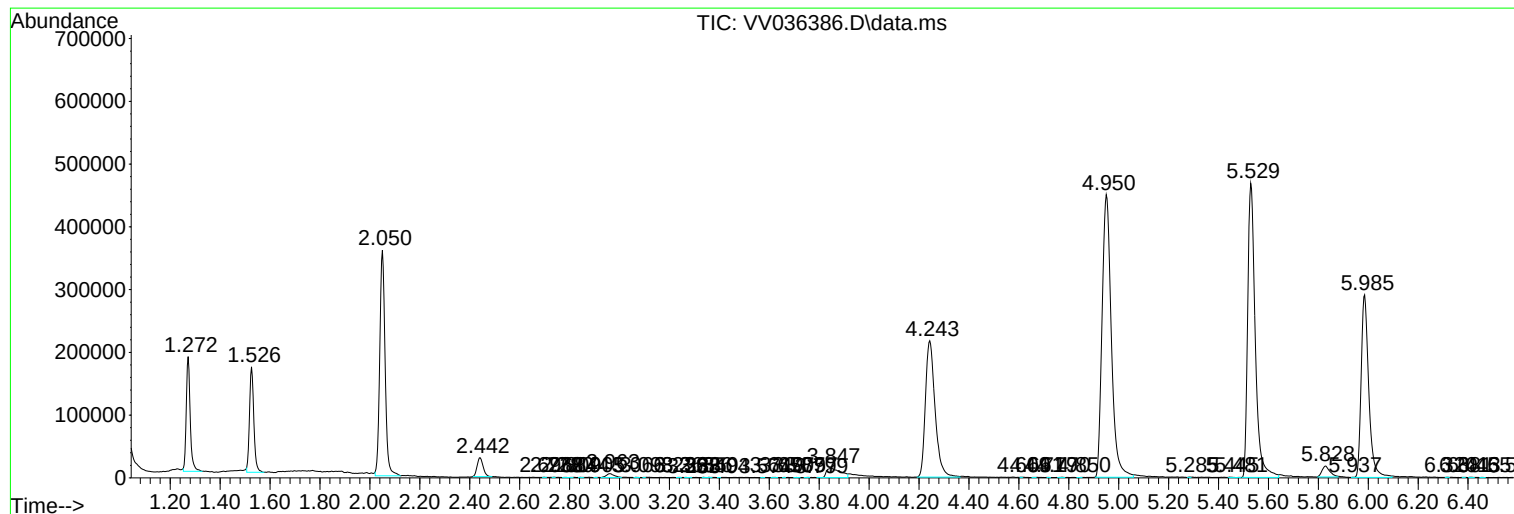
Sum of corrected areas: 9089668

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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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 |