

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071724\  
 Data File : VV036597.D  
 Acq On : 17 Jul 2024 16:39  
 Operator : SY/MD  
 Sample : P3238-20  
 Misc : 5.37g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4CH5

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\SFAMVLM071124SMA.M

Title : VOC Analysis

Signal : TIC: VV036597.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       | 65            | 72          | 86           | rVB      | 247745         | 265634        | 16.52%          | 2.151%        |
| 2         | 1.526       | 144           | 151         | 166          | rVB      | 208914         | 250232        | 15.57%          | 2.026%        |
| 3         | 2.050       | 304           | 314         | 328          | rBV      | 480604         | 698658        | 43.46%          | 5.657%        |
| 4         | 2.439       | 424           | 435         | 462          | rVB      | 109474         | 186670        | 11.61%          | 1.511%        |
| 5         | 2.555       | 468           | 471         | 472          | rBV      | 388            | 232           | 0.01%           | 0.002%        |
| 6         | 2.812       | 549           | 551         | 560          | rVB2     | 325            | 267           | 0.02%           | 0.002%        |
| 7         | 2.960       | 586           | 597         | 610          | rBV3     | 11159          | 22194         | 1.38%           | 0.180%        |
| 8         | 3.089       | 632           | 637         | 643          | rVB2     | 356            | 384           | 0.02%           | 0.003%        |
| 9         | 3.127       | 645           | 649         | 653          | rBV2     | 203            | 207           | 0.01%           | 0.002%        |
| 10        | 3.288       | 696           | 699         | 703          | rVB2     | 288            | 171           | 0.01%           | 0.001%        |
| 11        | 3.330       | 708           | 712         | 715          | rBV2     | 164            | 152           | 0.01%           | 0.001%        |
| 12        | 3.455       | 748           | 751         | 754          | rVB      | 205            | 145           | 0.01%           | 0.001%        |
| 13        | 3.648       | 807           | 811         | 818          | rBV2     | 222            | 273           | 0.02%           | 0.002%        |
| 14        | 3.690       | 818           | 824         | 827          | rBV      | 180            | 157           | 0.01%           | 0.001%        |
| 15        | 3.841       | 860           | 871         | 905          | rBV2     | 14950          | 68379         | 4.25%           | 0.554%        |
| 16        | 4.240       | 979           | 995         | 1029         | rBV      | 276449         | 732566        | 45.57%          | 5.931%        |
| 17        | 4.539       | 1085          | 1088        | 1090         | rBV2     | 242            | 167           | 0.01%           | 0.001%        |
| 18        | 4.674       | 1126          | 1130        | 1133         | rVB2     | 270            | 215           | 0.01%           | 0.002%        |
| 19        | 4.703       | 1133          | 1139        | 1140         | rBV      | 195            | 158           | 0.01%           | 0.001%        |
| 20        | 4.761       | 1153          | 1157        | 1159         | rVB2     | 353            | 273           | 0.02%           | 0.002%        |
| 21        | 4.863       | 1186          | 1189        | 1193         | rVB2     | 279            | 195           | 0.01%           | 0.002%        |
| 22        | 4.950       | 1201          | 1216        | 1259         | rBV2     | 627751         | 1589773       | 98.89%          | 12.872%       |
| 23        | 5.423       | 1358          | 1363        | 1365         | rBV3     | 410            | 271           | 0.02%           | 0.002%        |
| 24        | 5.433       | 1365          | 1366        | 1368         | rBV      | 290            | 128           | 0.01%           | 0.001%        |
| 25        | 5.468       | 1376          | 1377        | 1382         | rVB2     | 258            | 200           | 0.01%           | 0.002%        |
| 26        | 5.529       | 1384          | 1396        | 1443         | rBV      | 620461         | 1294462       | 80.52%          | 10.481%       |
| 27        | 5.825       | 1478          | 1488        | 1512         | rBB2     | 25003          | 54370         | 3.38%           | 0.440%        |
| 28        | 5.982       | 1525          | 1537        | 1562         | rBV      | 351445         | 737209        | 45.86%          | 5.969%        |
| 29        | 6.320       | 1640          | 1642        | 1643         | rBV      | 290            | 121           | 0.01%           | 0.001%        |
| 30        | 6.368       | 1654          | 1657        | 1660         | rVB2     | 437            | 283           | 0.02%           | 0.002%        |
| 31        | 6.587       | 1723          | 1725        | 1728         | rBV      | 256            | 135           | 0.01%           | 0.001%        |
| 32        | 6.680       | 1751          | 1754        | 1755         | rBV      | 332            | 150           | 0.01%           | 0.001%        |
| 33        | 6.712       | 1763          | 1764        | 1768         | rVB3     | 284            | 138           | 0.01%           | 0.001%        |
| 34        | 6.773       | 1781          | 1783        | 1795         | rVB3     | 264            | 370           | 0.02%           | 0.003%        |
| 35        | 6.908       | 1815          | 1825        | 1848         | rBV      | 147196         | 283895        | 17.66%          | 2.299%        |
| 36        | 7.169       | 1902          | 1906        | 1909         | rBV2     | 645            | 526           | 0.03%           | 0.004%        |

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Instrument :  
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 A4CH5

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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\SFAMVLM071124SMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 7.240  | 1917 | 1928 | 1957 | rBV  | 748182 | 1311301 | 81.57%  | 10.617% |
| 38 | 7.551  | 2016 | 2025 | 2061 | rBV  | 99139  | 189483  | 11.79%  | 1.534%  |
| 39 | 7.867  | 2119 | 2123 | 2132 | rVB5 | 961    | 1382    | 0.09%   | 0.011%  |
| 40 | 7.908  | 2133 | 2136 | 2138 | rBV4 | 732    | 536     | 0.03%   | 0.004%  |
| 41 | 7.963  | 2148 | 2153 | 2155 | rBV2 | 195    | 122     | 0.01%   | 0.001%  |
| 42 | 7.979  | 2155 | 2158 | 2163 | rBV  | 254    | 217     | 0.01%   | 0.002%  |
| 43 | 8.031  | 2166 | 2174 | 2195 | rBV  | 78193  | 169833  | 10.56%  | 1.375%  |
| 44 | 8.468  | 2309 | 2310 | 2313 | rBV  | 320    | 127     | 0.01%   | 0.001%  |
| 45 | 8.523  | 2322 | 2327 | 2329 | rBV2 | 340    | 229     | 0.01%   | 0.002%  |
| 46 | 8.568  | 2337 | 2341 | 2342 | rBV3 | 231    | 166     | 0.01%   | 0.001%  |
| 47 | 8.587  | 2345 | 2347 | 2349 | rVV2 | 225    | 117     | 0.01%   | 0.001%  |
| 48 | 8.609  | 2352 | 2354 | 2357 | rVB  | 331    | 147     | 0.01%   | 0.001%  |
| 49 | 8.661  | 2365 | 2370 | 2371 | rBV2 | 258    | 213     | 0.01%   | 0.002%  |
| 50 | 8.686  | 2375 | 2378 | 2379 | rBV  | 196    | 116     | 0.01%   | 0.001%  |
| 51 | 8.735  | 2389 | 2393 | 2396 | rBV  | 154    | 152     | 0.01%   | 0.001%  |
| 52 | 8.780  | 2396 | 2407 | 2437 | rBV  | 973389 | 1607641 | 100.00% | 13.017% |
| 53 | 9.236  | 2545 | 2549 | 2552 | rBV4 | 237    | 165     | 0.01%   | 0.001%  |
| 54 | 9.301  | 2566 | 2569 | 2573 | rVB2 | 361    | 335     | 0.02%   | 0.003%  |
| 55 | 9.477  | 2621 | 2624 | 2626 | rBV2 | 204    | 140     | 0.01%   | 0.001%  |
| 56 | 9.555  | 2645 | 2648 | 2653 | rBV2 | 356    | 379     | 0.02%   | 0.003%  |
| 57 | 9.696  | 2690 | 2692 | 2696 | rBV  | 265    | 185     | 0.01%   | 0.001%  |
| 58 | 9.821  | 2729 | 2731 | 2738 | rVB2 | 148    | 122     | 0.01%   | 0.001%  |
| 59 | 9.850  | 2738 | 2740 | 2742 | rBV2 | 327    | 133     | 0.01%   | 0.001%  |
| 60 | 9.902  | 2754 | 2756 | 2758 | rBV  | 255    | 118     | 0.01%   | 0.001%  |
| 61 | 9.976  | 2775 | 2779 | 2781 | rBV  | 203    | 160     | 0.01%   | 0.001%  |
| 62 | 10.111 | 2816 | 2821 | 2822 | rBV  | 181    | 150     | 0.01%   | 0.001%  |
| 63 | 10.149 | 2822 | 2833 | 2858 | rVV  | 276741 | 443222  | 27.57%  | 3.589%  |
| 64 | 10.281 | 2872 | 2874 | 2878 | rBV3 | 435    | 369     | 0.02%   | 0.003%  |
| 65 | 10.323 | 2882 | 2887 | 2893 | rVB3 | 1972   | 2385    | 0.15%   | 0.019%  |
| 66 | 10.371 | 2900 | 2902 | 2905 | rBV2 | 299    | 218     | 0.01%   | 0.002%  |
| 67 | 10.516 | 2944 | 2947 | 2951 | rVB  | 215    | 199     | 0.01%   | 0.002%  |
| 68 | 10.622 | 2977 | 2980 | 2984 | rVB2 | 391    | 242     | 0.02%   | 0.002%  |
| 69 | 10.645 | 2984 | 2987 | 2990 | rBV  | 250    | 152     | 0.01%   | 0.001%  |
| 70 | 10.793 | 3028 | 3033 | 3037 | rBV2 | 238    | 275     | 0.02%   | 0.002%  |
| 71 | 10.857 | 3047 | 3053 | 3056 | rBV5 | 889    | 852     | 0.05%   | 0.007%  |
| 72 | 10.995 | 3094 | 3096 | 3099 | rBV2 | 295    | 148     | 0.01%   | 0.001%  |
| 73 | 11.082 | 3119 | 3123 | 3129 | rVB5 | 736    | 724     | 0.05%   | 0.006%  |
| 74 | 11.117 | 3132 | 3134 | 3135 | rBV2 | 436    | 171     | 0.01%   | 0.001%  |
| 75 | 11.182 | 3143 | 3154 | 3188 | rBV  | 857727 | 1333214 | 82.93%  | 10.795% |
| 76 | 11.487 | 3246 | 3249 | 3250 | rBV2 | 513    | 226     | 0.01%   | 0.002%  |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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\SFAMVLM071124SMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 77  | 11.558 | 3259 | 3271 | 3297 | rBV  | 686083 | 1085813 | 67.54% | 8.791% |
| 78  | 11.773 | 3333 | 3338 | 3343 | rBV7 | 1246   | 1534    | 0.10%  | 0.012% |
| 79  | 11.834 | 3355 | 3357 | 3361 | rVB2 | 741    | 404     | 0.03%  | 0.003% |
| 80  | 11.860 | 3363 | 3365 | 3368 | rBV2 | 464    | 273     | 0.02%  | 0.002% |
| 81  | 12.133 | 3446 | 3450 | 3451 | rBV2 | 324    | 240     | 0.01%  | 0.002% |
| 82  | 12.172 | 3459 | 3462 | 3464 | rBV2 | 567    | 323     | 0.02%  | 0.003% |
| 83  | 12.259 | 3486 | 3489 | 3492 | rBV  | 252    | 228     | 0.01%  | 0.002% |
| 84  | 12.333 | 3510 | 3512 | 3516 | rVB2 | 457    | 319     | 0.02%  | 0.003% |
| 85  | 12.365 | 3519 | 3522 | 3525 | rBV3 | 234    | 165     | 0.01%  | 0.001% |
| 86  | 12.394 | 3529 | 3531 | 3535 | rVB2 | 509    | 290     | 0.02%  | 0.002% |
| 87  | 12.419 | 3535 | 3539 | 3544 | rBV2 | 382    | 279     | 0.02%  | 0.002% |
| 88  | 12.487 | 3556 | 3560 | 3562 | rBV2 | 278    | 173     | 0.01%  | 0.001% |
| 89  | 12.616 | 3595 | 3600 | 3604 | rBV5 | 1366   | 1427    | 0.09%  | 0.012% |
| 90  | 12.812 | 3659 | 3661 | 3663 | rBV  | 479    | 256     | 0.02%  | 0.002% |
| 91  | 13.018 | 3723 | 3725 | 3733 | rVB  | 554    | 517     | 0.03%  | 0.004% |
| 92  | 13.188 | 3775 | 3778 | 3779 | rBV  | 271    | 126     | 0.01%  | 0.001% |
| 93  | 13.439 | 3854 | 3856 | 3859 | rVB  | 333    | 141     | 0.01%  | 0.001% |
| 94  | 13.461 | 3859 | 3863 | 3866 | rBV3 | 561    | 542     | 0.03%  | 0.004% |
| 95  | 13.526 | 3876 | 3883 | 3886 | rBV3 | 558    | 690     | 0.04%  | 0.006% |
| 96  | 14.075 | 4050 | 4054 | 4058 | rBV3 | 564    | 517     | 0.03%  | 0.004% |
| 97  | 14.127 | 4067 | 4070 | 4073 | rVB2 | 474    | 296     | 0.02%  | 0.002% |
| 98  | 14.333 | 4132 | 4134 | 4136 | rBV3 | 419    | 206     | 0.01%  | 0.002% |
| 99  | 14.423 | 4159 | 4162 | 4165 | rBV2 | 414    | 353     | 0.02%  | 0.003% |
| 100 | 14.587 | 4210 | 4213 | 4215 | rBV2 | 333    | 255     | 0.02%  | 0.002% |

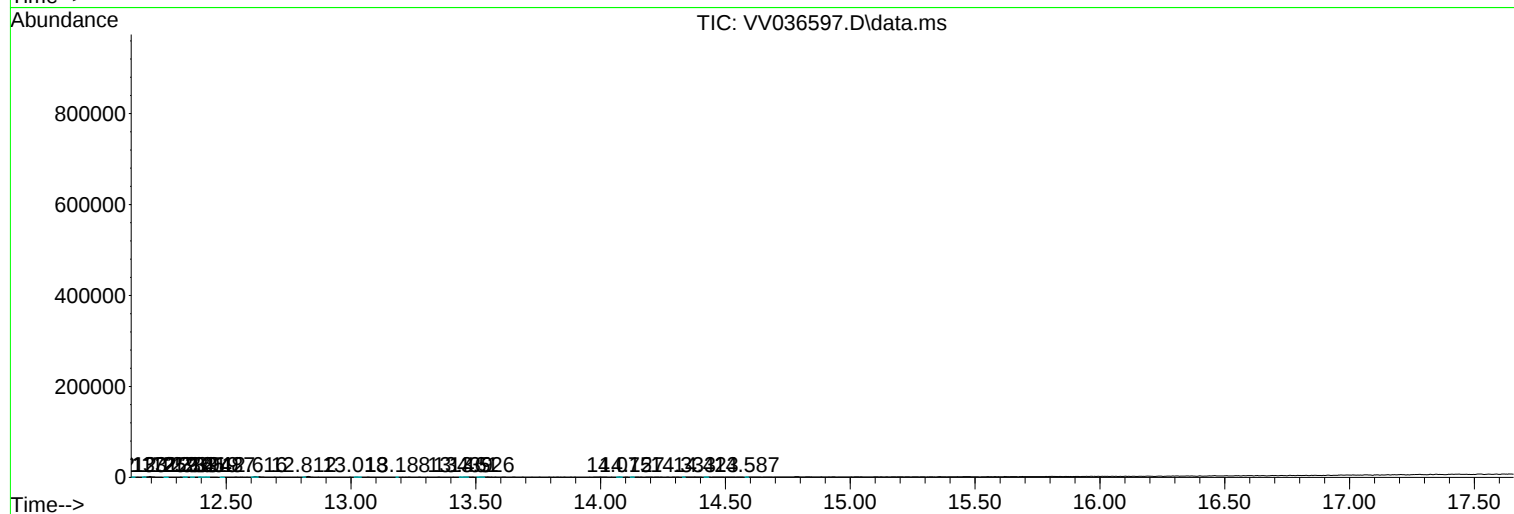
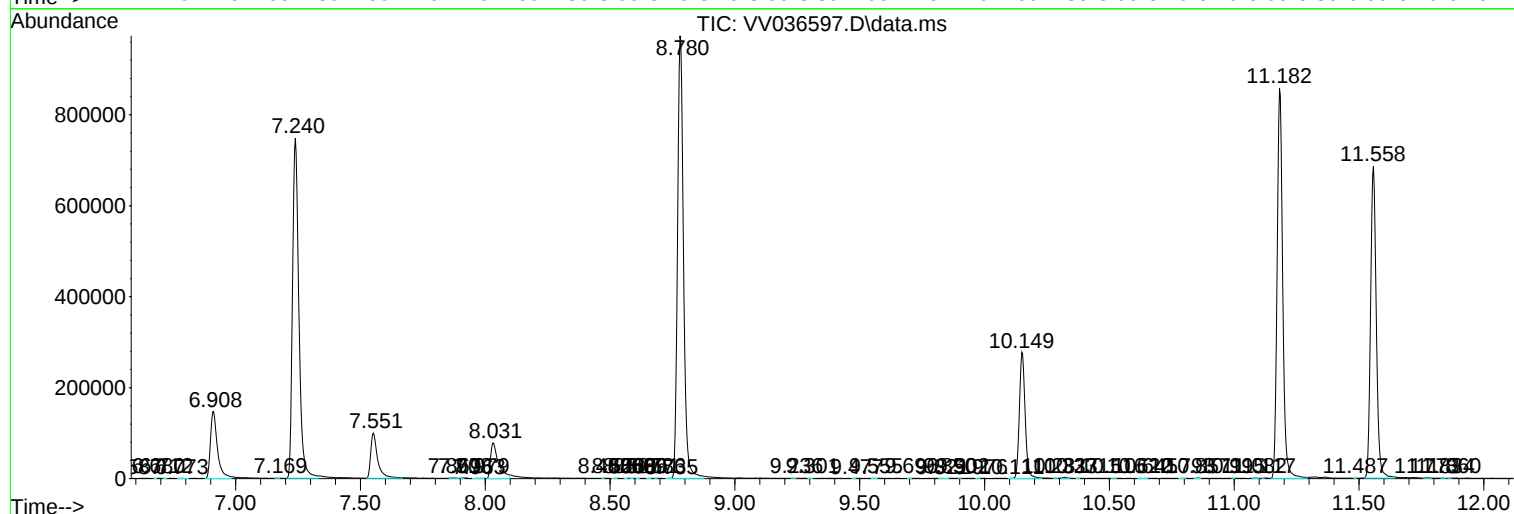
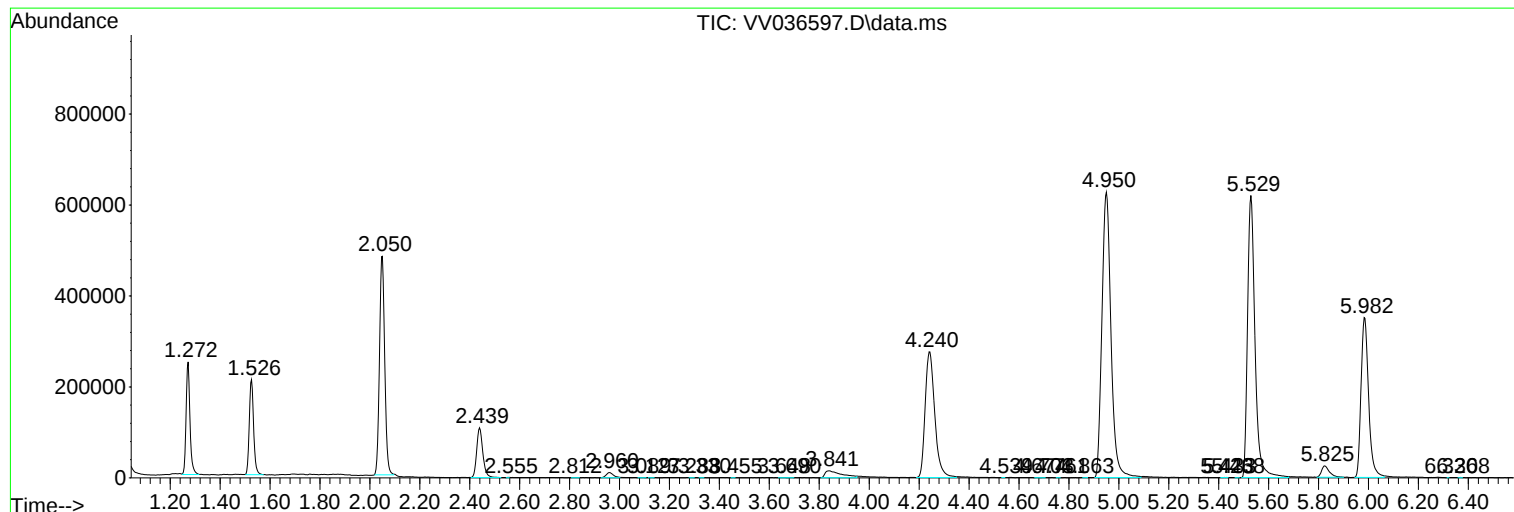
Sum of corrected areas: 12350793

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071124SMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071724\  
Data File : VV036597.D  
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No Library Search Compounds Detected

\*\*\*\*\*

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