

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082319\  
 Data File : VU033941.D  
 Acq On : 23 Aug 2019 14:40  
 Operator : JC/SP  
 Sample : K4485-16DL 200X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F2B94DL

## 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\_U\METHOD\SOMULM082219WMA.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         | 1.389       | 86            | 93          | 108          | rBV2     | 529442         | 594468        | 24.78%          | 3.335%        |
| 2         | 1.669       | 172           | 180         | 192          | rVB      | 262095         | 329558        | 13.74%          | 1.849%        |
| 3         | 2.254       | 352           | 362         | 376          | rVB      | 555567         | 836370        | 34.86%          | 4.692%        |
| 4         | 2.453       | 421           | 424         | 432          | rVB6     | 1352           | 1487          | 0.06%           | 0.008%        |
| 5         | 2.592       | 464           | 467         | 469          | rBV3     | 506            | 342           | 0.01%           | 0.002%        |
| 6         | 2.682       | 487           | 495         | 503          | rBV3     | 1769           | 2942          | 0.12%           | 0.017%        |
| 7         | 2.785       | 523           | 527         | 532          | rBV3     | 478            | 452           | 0.02%           | 0.003%        |
| 8         | 2.820       | 535           | 538         | 543          | rVB5     | 657            | 551           | 0.02%           | 0.003%        |
| 9         | 2.916       | 566           | 568         | 572          | rVB3     | 442            | 239           | 0.01%           | 0.001%        |
| 10        | 2.965       | 572           | 583         | 598          | rBV2     | 16588          | 30110         | 1.25%           | 0.169%        |
| 11        | 3.254       | 669           | 673         | 676          | rBV2     | 328            | 289           | 0.01%           | 0.002%        |
| 12        | 3.273       | 676           | 679         | 681          | rBV2     | 342            | 244           | 0.01%           | 0.001%        |
| 13        | 3.305       | 686           | 689         | 694          | rBV2     | 1039           | 971           | 0.04%           | 0.005%        |
| 14        | 3.357       | 702           | 705         | 708          | rBV2     | 481            | 402           | 0.02%           | 0.002%        |
| 15        | 3.531       | 757           | 759         | 762          | rVB2     | 436            | 255           | 0.01%           | 0.001%        |
| 16        | 3.650       | 789           | 796         | 799          | rBV2     | 361            | 427           | 0.02%           | 0.002%        |
| 17        | 3.701       | 807           | 812         | 815          | rBV3     | 404            | 445           | 0.02%           | 0.002%        |
| 18        | 3.907       | 868           | 876         | 880          | rBV3     | 574            | 705           | 0.03%           | 0.004%        |
| 19        | 3.974       | 895           | 897         | 903          | rVB3     | 496            | 351           | 0.01%           | 0.002%        |
| 20        | 4.148       | 939           | 951         | 957          | rBV      | 198177         | 420340        | 17.52%          | 2.358%        |
| 21        | 4.508       | 1059          | 1063        | 1066         | rBV3     | 439            | 353           | 0.01%           | 0.002%        |
| 22        | 4.547       | 1072          | 1075        | 1080         | rBV5     | 714            | 614           | 0.03%           | 0.003%        |
| 23        | 4.621       | 1080          | 1098        | 1125         | rBV      | 374550         | 934090        | 38.93%          | 5.241%        |
| 24        | 4.859       | 1166          | 1172        | 1180         | rVV6     | 935            | 1574          | 0.07%           | 0.009%        |
| 25        | 4.904       | 1184          | 1186        | 1191         | rVB2     | 375            | 254           | 0.01%           | 0.001%        |
| 26        | 4.939       | 1193          | 1197        | 1200         | rBV5     | 373            | 383           | 0.02%           | 0.002%        |
| 27        | 4.958       | 1200          | 1203        | 1209         | rVB5     | 501            | 469           | 0.02%           | 0.003%        |
| 28        | 5.084       | 1238          | 1242        | 1246         | rVB3     | 568            | 531           | 0.02%           | 0.003%        |
| 29        | 5.161       | 1263          | 1266        | 1269         | rVB2     | 455            | 315           | 0.01%           | 0.002%        |
| 30        | 5.183       | 1269          | 1273        | 1276         | rBV2     | 367            | 338           | 0.01%           | 0.002%        |
| 31        | 5.315       | 1290          | 1314        | 1350         | rBV2     | 809591         | 2399212       | 100.00%         | 13.461%       |
| 32        | 5.576       | 1392          | 1395        | 1398         | rBV4     | 512            | 363           | 0.02%           | 0.002%        |
| 33        | 5.643       | 1412          | 1416        | 1422         | rBV5     | 659            | 895           | 0.04%           | 0.005%        |
| 34        | 5.723       | 1438          | 1441        | 1446         | rVB3     | 544            | 361           | 0.02%           | 0.002%        |

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 Sampling : 1  
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 Stop Thrs : 0

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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\_U\METHOD\SOMULM082219WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |         |         |        |         |
|----|-------|------|------|------|------|---------|---------|--------|---------|
| 35 | 5.862 | 1468 | 1484 | 1520 | rBV  | 687320  | 1386298 | 57.78% | 7.778%  |
| 36 | 6.154 | 1564 | 1575 | 1593 | rVB3 | 14456   | 31432   | 1.31%  | 0.176%  |
| 37 | 6.309 | 1606 | 1623 | 1651 | rBV  | 550532  | 1115619 | 46.50% | 6.259%  |
| 38 | 6.543 | 1694 | 1696 | 1701 | rVB3 | 486     | 319     | 0.01%  | 0.002%  |
| 39 | 6.569 | 1701 | 1704 | 1709 | rVB4 | 556     | 351     | 0.01%  | 0.002%  |
| 40 | 6.598 | 1711 | 1713 | 1716 | rBV4 | 411     | 302     | 0.01%  | 0.002%  |
| 41 | 6.669 | 1733 | 1735 | 1739 | rVB  | 391     | 239     | 0.01%  | 0.001%  |
| 42 | 6.694 | 1739 | 1743 | 1746 | rBV2 | 480     | 451     | 0.02%  | 0.003%  |
| 43 | 6.836 | 1781 | 1787 | 1790 | rVV  | 305     | 340     | 0.01%  | 0.002%  |
| 44 | 6.862 | 1790 | 1795 | 1800 | rVB3 | 558     | 660     | 0.03%  | 0.004%  |
| 45 | 6.887 | 1800 | 1803 | 1806 | rBV2 | 392     | 303     | 0.01%  | 0.002%  |
| 46 | 6.990 | 1832 | 1835 | 1841 | rVB2 | 402     | 330     | 0.01%  | 0.002%  |
| 47 | 7.022 | 1841 | 1845 | 1848 | rBV3 | 540     | 515     | 0.02%  | 0.003%  |
| 48 | 7.093 | 1864 | 1867 | 1870 | rBV2 | 406     | 323     | 0.01%  | 0.002%  |
| 49 | 7.151 | 1880 | 1885 | 1888 | rBV2 | 289     | 280     | 0.01%  | 0.002%  |
| 50 | 7.209 | 1890 | 1903 | 1940 | rBV  | 267405  | 502808  | 20.96% | 2.821%  |
| 51 | 7.482 | 1985 | 1988 | 1993 | rVB5 | 574     | 434     | 0.02%  | 0.002%  |
| 52 | 7.547 | 1993 | 2008 | 2033 | rBV  | 1029642 | 1814601 | 75.63% | 10.181% |
| 53 | 7.829 | 2085 | 2096 | 2126 | rBV  | 194400  | 348340  | 14.52% | 1.954%  |
| 54 | 8.061 | 2165 | 2168 | 2172 | rBV3 | 465     | 409     | 0.02%  | 0.002%  |
| 55 | 8.296 | 2228 | 2241 | 2285 | rBV2 | 577648  | 1191283 | 49.65% | 6.684%  |
| 56 | 8.598 | 2332 | 2335 | 2339 | rVB4 | 1108    | 822     | 0.03%  | 0.005%  |
| 57 | 8.778 | 2387 | 2391 | 2394 | rVB2 | 330     | 265     | 0.01%  | 0.001%  |
| 58 | 8.826 | 2398 | 2406 | 2411 | rBV6 | 1000    | 1143    | 0.05%  | 0.006%  |
| 59 | 8.916 | 2429 | 2434 | 2437 | rBV4 | 826     | 741     | 0.03%  | 0.004%  |
| 60 | 8.932 | 2437 | 2439 | 2444 | rVV3 | 479     | 330     | 0.01%  | 0.002%  |
| 61 | 9.013 | 2459 | 2464 | 2469 | rBV2 | 641     | 695     | 0.03%  | 0.004%  |
| 62 | 9.071 | 2469 | 2482 | 2508 | rBV  | 1058913 | 1755441 | 73.17% | 9.849%  |
| 63 | 9.456 | 2596 | 2602 | 2605 | rBV4 | 509     | 587     | 0.02%  | 0.003%  |
| 64 | 9.505 | 2614 | 2617 | 2621 | rVB2 | 418     | 293     | 0.01%  | 0.002%  |
| 65 | 9.620 | 2650 | 2653 | 2659 | rVB2 | 350     | 301     | 0.01%  | 0.002%  |
| 66 | 9.646 | 2659 | 2661 | 2665 | rBV2 | 355     | 246     | 0.01%  | 0.001%  |
| 67 | 9.765 | 2693 | 2698 | 2703 | rBV4 | 302     | 423     | 0.02%  | 0.002%  |
| 68 | 9.791 | 2703 | 2706 | 2711 | rVB4 | 516     | 542     | 0.02%  | 0.003%  |
| 69 | 9.826 | 2714 | 2717 | 2720 | rBV  | 496     | 384     | 0.02%  | 0.002%  |
| 70 | 9.903 | 2735 | 2741 | 2749 | rVB3 | 586     | 842     | 0.04%  | 0.005%  |
| 71 | 9.955 | 2755 | 2757 | 2762 | rVB2 | 385     | 296     | 0.01%  | 0.002%  |

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## Integration Parameters: LSCINT.P

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 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
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Filtering: 5  
 Min Area: 0 % of largest Peak  
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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\_U\METHOD\SOMULM082219WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 9.980  | 2762 | 2765 | 2768 | rVB  | 363    | 270     | 0.01%  | 0.002% |
| 73  | 10.003 | 2768 | 2772 | 2774 | rBV  | 350    | 343     | 0.01%  | 0.002% |
| 74  | 10.109 | 2802 | 2805 | 2808 | rVB2 | 385    | 236     | 0.01%  | 0.001% |
| 75  | 10.218 | 2835 | 2839 | 2842 | rBV2 | 496    | 350     | 0.01%  | 0.002% |
| 76  | 10.244 | 2842 | 2847 | 2849 | rBV2 | 625    | 437     | 0.02%  | 0.002% |
| 77  | 10.286 | 2854 | 2860 | 2862 | rBV2 | 410    | 456     | 0.02%  | 0.003% |
| 78  | 10.341 | 2873 | 2877 | 2880 | rBV3 | 338    | 338     | 0.01%  | 0.002% |
| 79  | 10.415 | 2885 | 2900 | 2922 | rBV  | 691754 | 1131713 | 47.17% | 6.349% |
| 80  | 10.636 | 2962 | 2969 | 2972 | rBV2 | 565    | 643     | 0.03%  | 0.004% |
| 81  | 10.669 | 2973 | 2979 | 2982 | rBV3 | 518    | 558     | 0.02%  | 0.003% |
| 82  | 10.743 | 3000 | 3002 | 3007 | rBV2 | 368    | 347     | 0.01%  | 0.002% |
| 83  | 11.070 | 3101 | 3104 | 3107 | rVB3 | 479    | 263     | 0.01%  | 0.001% |
| 84  | 11.119 | 3115 | 3119 | 3121 | rBV  | 309    | 255     | 0.01%  | 0.001% |
| 85  | 11.151 | 3127 | 3129 | 3132 | rVB  | 574    | 287     | 0.01%  | 0.002% |
| 86  | 11.167 | 3132 | 3134 | 3138 | rVB2 | 372    | 255     | 0.01%  | 0.001% |
| 87  | 11.234 | 3150 | 3155 | 3157 | rBV  | 218    | 252     | 0.01%  | 0.001% |
| 88  | 11.286 | 3168 | 3171 | 3174 | rBV3 | 499    | 328     | 0.01%  | 0.002% |
| 89  | 11.302 | 3174 | 3176 | 3183 | rVB3 | 468    | 409     | 0.02%  | 0.002% |
| 90  | 11.341 | 3183 | 3188 | 3190 | rBV3 | 359    | 290     | 0.01%  | 0.002% |
| 91  | 11.376 | 3195 | 3199 | 3202 | rBV2 | 876    | 820     | 0.03%  | 0.005% |
| 92  | 11.466 | 3214 | 3227 | 3247 | rBV  | 898357 | 1433232 | 59.74% | 8.041% |
| 93  | 11.752 | 3314 | 3316 | 3319 | rBV3 | 521    | 378     | 0.02%  | 0.002% |
| 94  | 11.842 | 3331 | 3344 | 3370 | rBV  | 922535 | 1528001 | 63.69% | 8.573% |
| 95  | 12.569 | 3568 | 3570 | 3572 | rBV3 | 503    | 268     | 0.01%  | 0.002% |
| 96  | 12.775 | 3632 | 3634 | 3638 | rVB2 | 528    | 324     | 0.01%  | 0.002% |
| 97  | 13.614 | 3892 | 3895 | 3899 | rBV  | 681    | 662     | 0.03%  | 0.004% |
| 98  | 13.922 | 3988 | 3991 | 3995 | rBV  | 590    | 451     | 0.02%  | 0.003% |
| 99  | 14.315 | 4108 | 4113 | 4117 | rBV2 | 1186   | 1230    | 0.05%  | 0.007% |
| 100 | 14.466 | 4158 | 4160 | 4168 | rVB4 | 877    | 835     | 0.03%  | 0.005% |

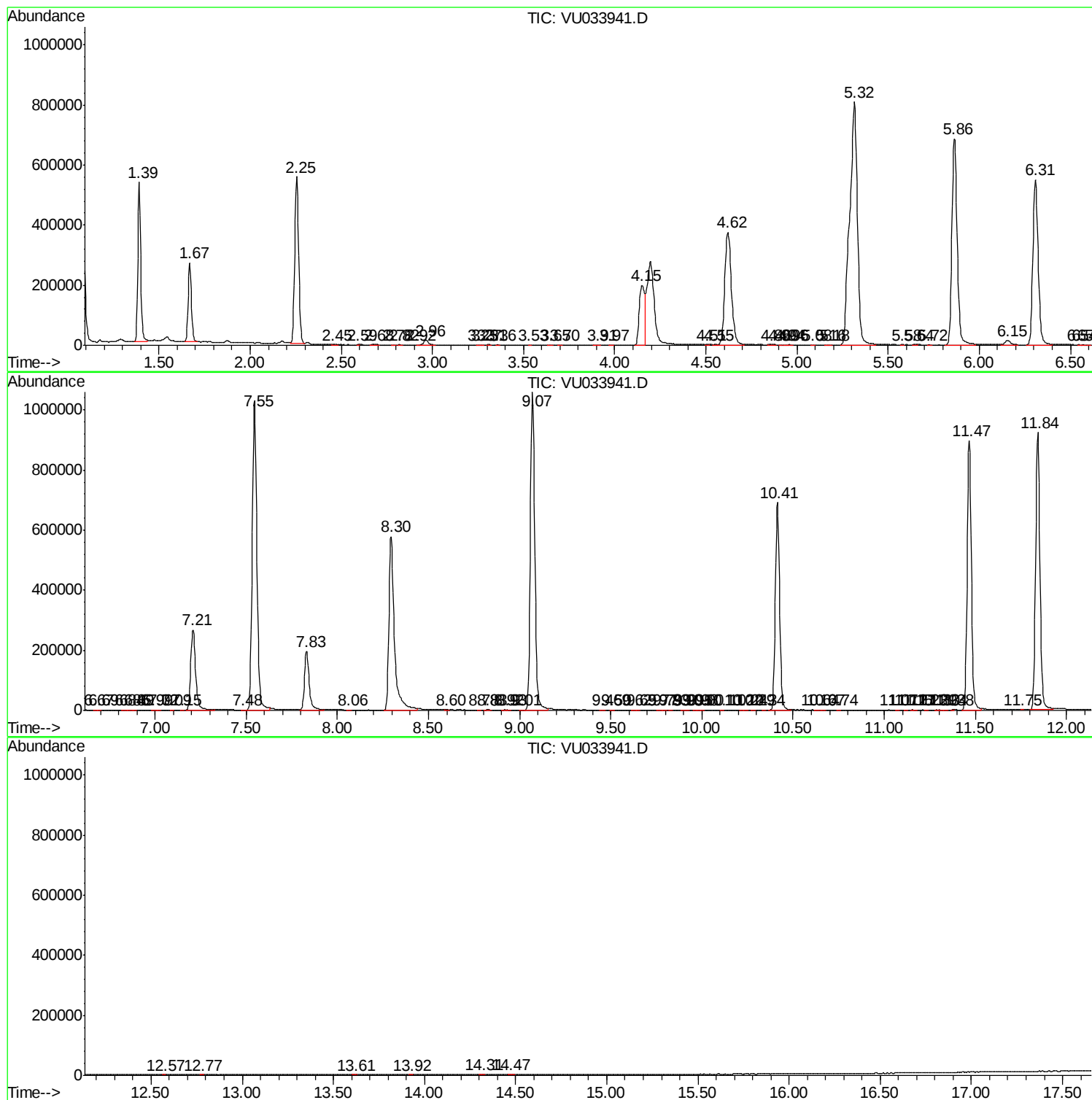
Sum of corrected areas: 17823919

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082219WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU082319\  
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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\_U\DATA\VU082319\  
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| TIC Top Hit name | RT | EstConc | Units | Response | ---Internal Standard--- |
|------------------|----|---------|-------|----------|-------------------------|
|                  |    |         |       |          | # RT Resp Conc          |