

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_F\DATA\VF030819\  
 Data File : VF061869.D  
 Acq On : 8 Mar 2019 18:18  
 Operator : VA/AP  
 Sample : K1807-09  
 Misc : 5.02g/5mL/MSVOA-F/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 TP-5

## Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % 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\_F\METHODS\82F030419S.M  
 Title : SW846 8260

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         | 1.047       | 39            | 42          | 44           | rBV2     | 3421           | 4936          | 2.33%           | 0.389%        |
| 2         | 1.096       | 44            | 47          | 48           | rVV2     | 1912           | 3116          | 1.47%           | 0.245%        |
| 3         | 1.234       | 59            | 61          | 62           | rVV2     | 3319           | 3878          | 1.83%           | 0.305%        |
| 4         | 1.313       | 66            | 69          | 71           | rVB4     | 2782           | 5414          | 2.56%           | 0.426%        |
| 5         | 1.372       | 71            | 75          | 77           | rBV3     | 2930           | 7297          | 3.45%           | 0.575%        |
| 6         | 1.402       | 77            | 78          | 83           | rVV3     | 1978           | 5493          | 2.60%           | 0.433%        |
| 7         | 1.471       | 83            | 85          | 88           | rVV3     | 2276           | 4609          | 2.18%           | 0.363%        |
| 8         | 1.540       | 91            | 92          | 94           | rBV2     | 1736           | 2435          | 1.15%           | 0.192%        |
| 9         | 1.589       | 96            | 97          | 99           | rVV2     | 1677           | 2486          | 1.18%           | 0.196%        |
| 10        | 1.737       | 110           | 112         | 113          | rBV      | 1906           | 2297          | 1.09%           | 0.181%        |
| 11        | 1.984       | 135           | 137         | 140          | rVV4     | 1884           | 2572          | 1.22%           | 0.203%        |
| 12        | 2.043       | 140           | 143         | 146          | rVV4     | 2182           | 4209          | 1.99%           | 0.332%        |
| 13        | 2.171       | 152           | 156         | 158          | rBV3     | 3470           | 6370          | 3.01%           | 0.502%        |
| 14        | 2.506       | 188           | 190         | 192          | rVB3     | 2628           | 3461          | 1.64%           | 0.273%        |
| 15        | 2.546       | 192           | 194         | 195          | rBV      | 2686           | 2281          | 1.08%           | 0.180%        |
| 16        | 2.585       | 195           | 198         | 200          | rVB4     | 2088           | 3373          | 1.59%           | 0.266%        |
| 17        | 2.625       | 200           | 202         | 203          | rBV      | 4087           | 3430          | 1.62%           | 0.270%        |
| 18        | 2.664       | 203           | 206         | 207          | rBV3     | 1908           | 3220          | 1.52%           | 0.254%        |
| 19        | 2.782       | 214           | 218         | 219          | rBV4     | 1871           | 3213          | 1.52%           | 0.253%        |
| 20        | 2.871       | 226           | 227         | 230          | rVB2     | 2634           | 3605          | 1.70%           | 0.284%        |
| 21        | 2.930       | 230           | 233         | 234          | rBV2     | 3344           | 5010          | 2.37%           | 0.395%        |
| 22        | 3.177       | 255           | 258         | 260          | rVB3     | 1437           | 2867          | 1.36%           | 0.226%        |
| 23        | 3.335       | 272           | 274         | 277          | rVB      | 1879           | 3098          | 1.46%           | 0.244%        |
| 24        | 3.877       | 326           | 329         | 331          | rVB2     | 1462           | 2598          | 1.23%           | 0.205%        |
| 25        | 3.985       | 338           | 340         | 343          | rVV3     | 2871           | 6856          | 3.24%           | 0.540%        |
| 26        | 4.094       | 345           | 351         | 357          | rVV2     | 25307          | 78727         | 37.22%          | 6.201%        |
| 27        | 4.291       | 368           | 371         | 373          | rBV2     | 1186           | 2366          | 1.12%           | 0.186%        |
| 28        | 4.419       | 382           | 384         | 387          | rVB3     | 1281           | 2377          | 1.12%           | 0.187%        |
| 29        | 4.577       | 397           | 400         | 403          | rBV      | 1618           | 3016          | 1.43%           | 0.238%        |
| 30        | 4.774       | 417           | 420         | 421          | rBV2     | 1627           | 3515          | 1.66%           | 0.277%        |
| 31        | 4.853       | 421           | 428         | 437          | rVV3     | 54125          | 186893        | 88.35%          | 14.721%       |
| 32        | 5.474       | 490           | 491         | 495          | rVV      | 1880           | 2247          | 1.06%           | 0.177%        |
| 33        | 5.583       | 497           | 502         | 509          | rVV      | 50992          | 142431        | 67.33%          | 11.219%       |
| 34        | 5.672       | 509           | 511         | 514          | rVB2     | 1551           | 2721          | 1.29%           | 0.214%        |

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 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % 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\_F\METHODS\82F030419S.M  
 Title : SW846 8260

|    |        |      |      |           |       |        |         |         |
|----|--------|------|------|-----------|-------|--------|---------|---------|
| 35 | 6.411  | 585  | 586  | 588 rBV2  | 1888  | 2168   | 1.02%   | 0.171%  |
| 36 | 6.618  | 603  | 607  | 608 rBV2  | 1046  | 2176   | 1.03%   | 0.171%  |
| 37 | 6.973  | 642  | 643  | 647 rVB2  | 1586  | 2245   | 1.06%   | 0.177%  |
| 38 | 7.042  | 647  | 650  | 655 rBV2  | 1395  | 4090   | 1.93%   | 0.322%  |
| 39 | 7.535  | 695  | 700  | 708 rBV   | 91114 | 211539 | 100.00% | 16.662% |
| 40 | 7.821  | 725  | 729  | 730 rVB2  | 1081  | 2205   | 1.04%   | 0.174%  |
| 41 | 7.959  | 740  | 743  | 744 rBV2  | 1347  | 2328   | 1.10%   | 0.183%  |
| 42 | 8.127  | 757  | 760  | 762 rBV   | 1300  | 2368   | 1.12%   | 0.187%  |
| 43 | 8.206  | 762  | 768  | 775 rVV4  | 4131  | 13857  | 6.55%   | 1.091%  |
| 44 | 9.034  | 847  | 852  | 853 rBV3  | 1036  | 2533   | 1.20%   | 0.200%  |
| 45 | 9.389  | 885  | 888  | 891 rVB3  | 1628  | 3429   | 1.62%   | 0.270%  |
| 46 | 9.468  | 895  | 896  | 901 rVB2  | 2172  | 3761   | 1.78%   | 0.296%  |
| 47 | 9.537  | 901  | 903  | 905 rBV   | 15460 | 15045  | 7.11%   | 1.185%  |
| 48 | 9.616  | 908  | 911  | 915 rBV3  | 2665  | 7104   | 3.36%   | 0.560%  |
| 49 | 9.754  | 920  | 925  | 932 rBV   | 61550 | 140148 | 66.25%  | 11.039% |
| 50 | 10.119 | 959  | 962  | 965 rBV2  | 1366  | 2293   | 1.08%   | 0.181%  |
| 51 | 10.494 | 995  | 1000 | 1001 rBV  | 1107  | 2281   | 1.08%   | 0.180%  |
| 52 | 11.401 | 1088 | 1092 | 1096 rBV  | 64543 | 114017 | 53.90%  | 8.981%  |
| 53 | 11.549 | 1104 | 1107 | 1111 rVV2 | 10718 | 19832  | 9.38%   | 1.562%  |
| 54 | 11.667 | 1116 | 1119 | 1122 rBV2 | 1186  | 2961   | 1.40%   | 0.233%  |
| 55 | 11.756 | 1127 | 1128 | 1131 rBV2 | 1731  | 2706   | 1.28%   | 0.213%  |
| 56 | 11.894 | 1139 | 1142 | 1144 rVB  | 1785  | 3389   | 1.60%   | 0.267%  |
| 57 | 12.061 | 1157 | 1159 | 1162 rVB2 | 1488  | 2116   | 1.00%   | 0.167%  |
| 58 | 12.190 | 1171 | 1172 | 1175 rVV2 | 1727  | 2998   | 1.42%   | 0.236%  |
| 59 | 12.436 | 1195 | 1197 | 1204 rBV3 | 1546  | 3909   | 1.85%   | 0.308%  |
| 60 | 12.535 | 1204 | 1207 | 1217 rVV  | 76250 | 132837 | 62.80%  | 10.463% |
| 61 | 12.742 | 1226 | 1228 | 1231 rVB  | 1445  | 2172   | 1.03%   | 0.171%  |
| 62 | 12.929 | 1243 | 1247 | 1249 rBV  | 1853  | 3320   | 1.57%   | 0.262%  |
| 63 | 13.235 | 1273 | 1278 | 1279 rBV2 | 1483  | 3686   | 1.74%   | 0.290%  |
| 64 | 13.866 | 1337 | 1342 | 1344 rVV4 | 1662  | 3297   | 1.56%   | 0.260%  |
| 65 | 14.182 | 1372 | 1374 | 1377 rVB2 | 1285  | 2191   | 1.04%   | 0.173%  |
| 66 | 14.251 | 1377 | 1381 | 1383 rBV  | 1531  | 3512   | 1.66%   | 0.277%  |
| 67 | 14.458 | 1401 | 1402 | 1405 rVB  | 2525  | 3259   | 1.54%   | 0.257%  |
| 68 | 14.635 | 1418 | 1420 | 1423 rVB2 | 1586  | 2662   | 1.26%   | 0.210%  |
| 69 | 14.921 | 1445 | 1449 | 1452 rBV3 | 1246  | 2756   | 1.30%   | 0.217%  |
| 70 | 15.099 | 1464 | 1467 | 1469 rVB2 | 1413  | 2303   | 1.09%   | 0.181%  |
| 71 | 15.355 | 1491 | 1493 | 1494 rVV2 | 1820  | 2236   | 1.06%   | 0.176%  |

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TP-5

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Integrator: RTE  
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Sampling : 1 Min Area: 3 % 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\_F\METHODS\82F030419S.M  
Title : SW846 8260

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 72 | 15.444 | 1500 | 1502 | 1504 | rVV2 | 1690 | 2875 | 1.36% | 0.226% |
| 73 | 15.799 | 1537 | 1538 | 1542 | rVB3 | 1405 | 2358 | 1.11% | 0.186% |
| 74 | 15.907 | 1545 | 1549 | 1552 | rBV3 | 1427 | 3735 | 1.77% | 0.294% |
| 75 | 16.006 | 1558 | 1559 | 1561 | rBV  | 1812 | 2455 | 1.16% | 0.193% |

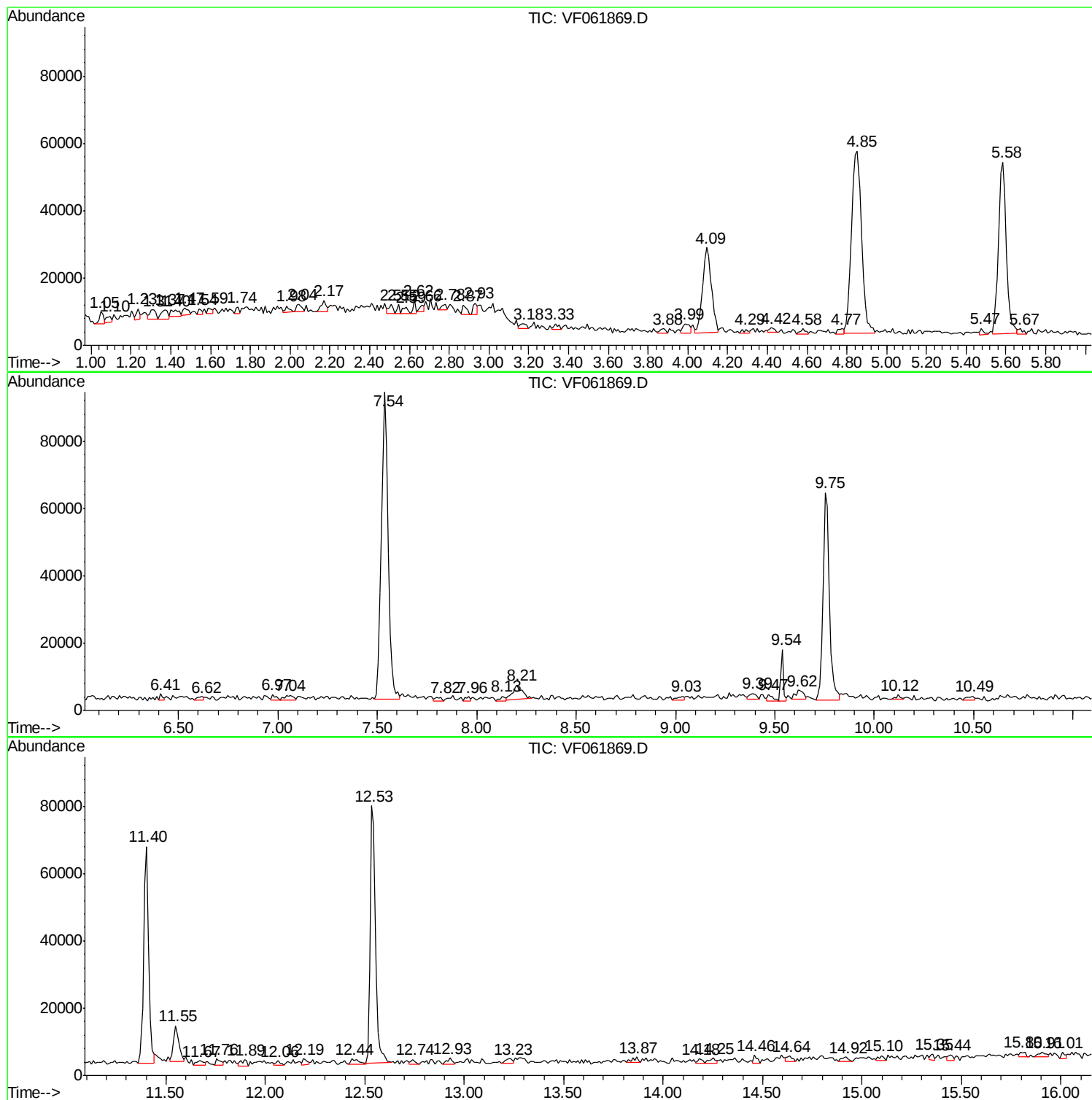
Sum of corrected areas: 1269569

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Instrument :  
MSVOA\_F  
ClientSampled :  
TP-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_F\METHODS\82F030419S.M  
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_F\DATA\VF030819\  
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Instrument :  
MSV0A\_F  
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TP-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_F\METHODS\82F030419S.M  
Quant Title : SW846 8260

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

No Library Search Compounds Detected

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

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