

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY030323\  
 Data File : VY012791.D  
 Acq On : 03 Mar 2023 13:25  
 Operator : KP/MD  
 Sample : 01736-02  
 Misc : 5.08g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-6

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

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\_Y\methods\82Y030223S.M  
 Title : SW846 8260

Signal : TIC: VY012791.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         | 2.119       | 47            | 49          | 51           | rVB      | 264            | 153           | 1.62%           | 0.245%        |
| 2         | 2.204       | 61            | 63          | 64           | rVB      | 294            | 160           | 1.70%           | 0.256%        |
| 3         | 2.369       | 88            | 90          | 93           | rBV2     | 274            | 216           | 2.29%           | 0.346%        |
| 4         | 2.399       | 93            | 95          | 96           | rBV2     | 364            | 254           | 2.69%           | 0.407%        |
| 5         | 2.619       | 128           | 131         | 133          | rBV3     | 220            | 188           | 1.99%           | 0.301%        |
| 6         | 2.796       | 158           | 160         | 163          | rVB2     | 296            | 308           | 3.27%           | 0.493%        |
| 7         | 2.820       | 163           | 164         | 168          | rBV3     | 151            | 180           | 1.91%           | 0.288%        |
| 8         | 2.893       | 174           | 176         | 177          | rBV2     | 194            | 167           | 1.77%           | 0.268%        |
| 9         | 2.942       | 182           | 184         | 187          | rBV3     | 184            | 176           | 1.87%           | 0.282%        |
| 10        | 3.106       | 208           | 211         | 212          | rBV2     | 201            | 169           | 1.79%           | 0.271%        |
| 11        | 3.332       | 245           | 248         | 249          | rBV      | 232            | 226           | 2.40%           | 0.362%        |
| 12        | 3.369       | 251           | 254         | 256          | rVV2     | 124            | 157           | 1.67%           | 0.252%        |
| 13        | 3.491       | 272           | 274         | 276          | rBV2     | 215            | 261           | 2.77%           | 0.418%        |
| 14        | 3.704       | 307           | 309         | 312          | rBV      | 138            | 172           | 1.82%           | 0.276%        |
| 15        | 4.100       | 370           | 374         | 375          | rBV      | 252            | 219           | 2.32%           | 0.351%        |
| 16        | 4.551       | 447           | 448         | 450          | rBV      | 244            | 162           | 1.72%           | 0.260%        |
| 17        | 4.746       | 479           | 480         | 485          | rVB2     | 209            | 213           | 2.26%           | 0.341%        |
| 18        | 5.015       | 521           | 524         | 527          | rBV2     | 194            | 296           | 3.14%           | 0.474%        |
| 19        | 5.106       | 535           | 539         | 541          | rBV2     | 147            | 249           | 2.64%           | 0.399%        |
| 20        | 5.228       | 557           | 559         | 563          | rBV      | 171            | 159           | 1.69%           | 0.255%        |
| 21        | 5.265       | 563           | 565         | 569          | rVB2     | 133            | 183           | 1.94%           | 0.293%        |
| 22        | 5.295       | 569           | 570         | 573          | rBV      | 127            | 165           | 1.75%           | 0.264%        |
| 23        | 5.429       | 586           | 592         | 593          | rBV      | 177            | 221           | 2.34%           | 0.354%        |
| 24        | 5.752       | 641           | 645         | 647          | rBV2     | 151            | 180           | 1.91%           | 0.288%        |
| 25        | 5.880       | 665           | 666         | 669          | rVB2     | 197            | 193           | 2.05%           | 0.309%        |
| 26        | 5.917       | 669           | 672         | 675          | rBV      | 204            | 248           | 2.63%           | 0.397%        |
| 27        | 6.088       | 696           | 700         | 703          | rVB      | 197            | 200           | 2.12%           | 0.320%        |
| 28        | 6.392       | 747           | 750         | 754          | rBV2     | 161            | 210           | 2.23%           | 0.336%        |
| 29        | 6.618       | 782           | 787         | 789          | rBV      | 138            | 232           | 2.46%           | 0.372%        |
| 30        | 6.831       | 820           | 822         | 824          | rVB      | 164            | 150           | 1.59%           | 0.240%        |
| 31        | 6.850       | 824           | 825         | 829          | rBV2     | 155            | 192           | 2.04%           | 0.308%        |
| 32        | 6.880       | 829           | 830         | 833          | rBV2     | 134            | 154           | 1.63%           | 0.247%        |
| 33        | 7.215       | 880           | 885         | 886          | rBV2     | 134            | 163           | 1.73%           | 0.261%        |
| 34        | 7.246       | 886           | 890         | 891          | rBV      | 181            | 202           | 2.14%           | 0.324%        |
| 35        | 7.319       | 901           | 902         | 905          | rVB      | 220            | 181           | 1.92%           | 0.290%        |
| 36        | 7.344       | 905           | 906         | 909          | rBV2     | 136            | 150           | 1.59%           | 0.240%        |

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 ALS Vial : 9 Sample Multiplier: 1

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 MSVOA\_Y  
 ClientSampleId :  
 TP-6

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

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\_Y\methods\82Y030223S.M  
 Title : SW846 8260

|    |        |      |      |      |      |      |      |         |         |
|----|--------|------|------|------|------|------|------|---------|---------|
| 37 | 7.496  | 927  | 931  | 933  | rBV2 | 151  | 224  | 2.38%   | 0.359%  |
| 38 | 7.532  | 935  | 937  | 941  | rVB2 | 143  | 166  | 1.76%   | 0.266%  |
| 39 | 7.715  | 960  | 967  | 973  | rVV2 | 1696 | 3919 | 41.56%  | 6.278%  |
| 40 | 7.789  | 974  | 979  | 988  | rVB3 | 2618 | 4976 | 52.77%  | 7.972%  |
| 41 | 7.850  | 988  | 989  | 995  | rBV  | 160  | 215  | 2.28%   | 0.344%  |
| 42 | 7.917  | 998  | 1000 | 1003 | rVB2 | 150  | 196  | 2.08%   | 0.314%  |
| 43 | 7.971  | 1006 | 1009 | 1011 | rBV  | 163  | 199  | 2.11%   | 0.319%  |
| 44 | 8.136  | 1030 | 1036 | 1043 | rVB4 | 2114 | 4631 | 49.11%  | 7.419%  |
| 45 | 8.240  | 1050 | 1053 | 1055 | rVB2 | 168  | 209  | 2.22%   | 0.335%  |
| 46 | 8.435  | 1081 | 1085 | 1087 | rVB2 | 118  | 161  | 1.71%   | 0.258%  |
| 47 | 8.691  | 1121 | 1127 | 1136 | rVV  | 3397 | 6718 | 71.25%  | 10.763% |
| 48 | 8.813  | 1143 | 1147 | 1149 | rBV2 | 117  | 208  | 2.21%   | 0.333%  |
| 49 | 8.855  | 1153 | 1154 | 1158 | rVB  | 209  | 169  | 1.79%   | 0.271%  |
| 50 | 8.983  | 1171 | 1175 | 1176 | rVB  | 199  | 199  | 2.11%   | 0.319%  |
| 51 | 9.020  | 1178 | 1181 | 1182 | rVV2 | 184  | 194  | 2.06%   | 0.311%  |
| 52 | 9.063  | 1186 | 1188 | 1190 | rVB  | 214  | 172  | 1.82%   | 0.276%  |
| 53 | 9.093  | 1190 | 1193 | 1196 | rBV  | 181  | 257  | 2.73%   | 0.412%  |
| 54 | 9.557  | 1264 | 1269 | 1270 | rBV2 | 159  | 229  | 2.43%   | 0.367%  |
| 55 | 9.642  | 1281 | 1283 | 1286 | rVB2 | 145  | 165  | 1.75%   | 0.264%  |
| 56 | 9.666  | 1286 | 1287 | 1290 | rBV  | 169  | 182  | 1.93%   | 0.292%  |
| 57 | 9.819  | 1309 | 1312 | 1315 | rBV2 | 143  | 227  | 2.41%   | 0.364%  |
| 58 | 9.867  | 1318 | 1320 | 1324 | rVB2 | 123  | 161  | 1.71%   | 0.258%  |
| 59 | 9.941  | 1331 | 1332 | 1337 | rBV2 | 170  | 283  | 3.00%   | 0.453%  |
| 60 | 10.178 | 1364 | 1371 | 1379 | rBV2 | 5316 | 9429 | 100.00% | 15.106% |
| 61 | 10.306 | 1389 | 1392 | 1397 | rBV2 | 121  | 207  | 2.20%   | 0.332%  |
| 62 | 10.410 | 1406 | 1409 | 1410 | rVB  | 198  | 157  | 1.67%   | 0.252%  |
| 63 | 10.441 | 1413 | 1414 | 1417 | rVB  | 174  | 165  | 1.75%   | 0.264%  |
| 64 | 10.483 | 1420 | 1421 | 1423 | rBV  | 216  | 152  | 1.61%   | 0.244%  |
| 65 | 10.642 | 1444 | 1447 | 1450 | rBV2 | 160  | 282  | 2.99%   | 0.452%  |
| 66 | 10.947 | 1495 | 1497 | 1501 | rVB2 | 165  | 198  | 2.10%   | 0.317%  |
| 67 | 11.160 | 1527 | 1532 | 1533 | rBV  | 220  | 168  | 1.78%   | 0.269%  |
| 68 | 11.270 | 1549 | 1550 | 1555 | rBV2 | 82   | 154  | 1.63%   | 0.247%  |
| 69 | 11.446 | 1577 | 1579 | 1581 | rBV  | 169  | 167  | 1.77%   | 0.268%  |
| 70 | 11.495 | 1581 | 1587 | 1593 | rVB  | 4245 | 7245 | 76.84%  | 11.607% |
| 71 | 11.763 | 1628 | 1631 | 1636 | rVB2 | 115  | 179  | 1.90%   | 0.287%  |
| 72 | 12.483 | 1741 | 1749 | 1754 | rBV2 | 2333 | 3654 | 38.75%  | 5.854%  |
| 73 | 13.428 | 1899 | 1904 | 1908 | rVB2 | 1811 | 2711 | 28.75%  | 4.343%  |
| 74 | 13.531 | 1919 | 1921 | 1924 | rVB2 | 229  | 226  | 2.40%   | 0.362%  |
| 75 | 14.086 | 2008 | 2012 | 2014 | rBV2 | 234  | 316  | 3.35%   | 0.506%  |
| 76 | 14.519 | 2080 | 2083 | 2084 | rBV2 | 212  | 185  | 1.96%   | 0.296%  |

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Instrument :  
 MSVOA\_Y  
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Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

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\_Y\methods\82Y030223S.M  
 Title : SW846 8260

|     |        |      |      |      |      |     |     |       |        |
|-----|--------|------|------|------|------|-----|-----|-------|--------|
| 77  | 14.592 | 2093 | 2095 | 2098 | rVB2 | 199 | 202 | 2.14% | 0.324% |
| 78  | 14.623 | 2098 | 2100 | 2102 | rBV2 | 185 | 152 | 1.61% | 0.244% |
| 79  | 14.714 | 2113 | 2115 | 2118 | rVB2 | 171 | 202 | 2.14% | 0.324% |
| 80  | 14.842 | 2133 | 2136 | 2137 | rBV2 | 231 | 230 | 2.44% | 0.368% |
| 81  | 15.049 | 2166 | 2170 | 2171 | rVV  | 247 | 314 | 3.33% | 0.503% |
| 82  | 15.123 | 2180 | 2182 | 2183 | rBV  | 305 | 191 | 2.03% | 0.306% |
| 83  | 15.159 | 2186 | 2188 | 2191 | rBV2 | 166 | 178 | 1.89% | 0.285% |
| 84  | 15.366 | 2220 | 2222 | 2225 | rVB2 | 280 | 328 | 3.48% | 0.525% |
| 85  | 15.458 | 2235 | 2237 | 2238 | rBV2 | 207 | 225 | 2.39% | 0.360% |
| 86  | 15.543 | 2249 | 2251 | 2253 | rBV2 | 182 | 202 | 2.14% | 0.324% |
| 87  | 15.647 | 2265 | 2268 | 2269 | rBV2 | 318 | 304 | 3.22% | 0.487% |
| 88  | 15.677 | 2269 | 2273 | 2277 | rBV2 | 250 | 469 | 4.97% | 0.751% |
| 89  | 15.714 | 2277 | 2279 | 2282 | rVV2 | 224 | 152 | 1.61% | 0.244% |
| 90  | 15.952 | 2315 | 2318 | 2320 | rVB3 | 230 | 239 | 2.53% | 0.383% |
| 91  | 16.244 | 2364 | 2366 | 2368 | rBV  | 278 | 194 | 2.06% | 0.311% |
| 92  | 16.281 | 2370 | 2372 | 2375 | rVB2 | 188 | 188 | 1.99% | 0.301% |
| 93  | 16.397 | 2389 | 2391 | 2393 | rBV3 | 227 | 223 | 2.37% | 0.357% |
| 94  | 16.415 | 2393 | 2394 | 2398 | rVV2 | 266 | 225 | 2.39% | 0.360% |
| 95  | 16.452 | 2398 | 2400 | 2403 | rVB2 | 180 | 192 | 2.04% | 0.308% |
| 96  | 16.531 | 2411 | 2413 | 2416 | rVB  | 320 | 353 | 3.74% | 0.566% |
| 97  | 16.586 | 2420 | 2422 | 2427 | rVV3 | 324 | 423 | 4.49% | 0.678% |
| 98  | 16.628 | 2427 | 2429 | 2432 | rVV3 | 143 | 151 | 1.60% | 0.242% |
| 99  | 16.695 | 2439 | 2440 | 2441 | rBV  | 246 | 159 | 1.69% | 0.255% |
| 100 | 16.769 | 2451 | 2452 | 2453 | rBV  | 278 | 160 | 1.70% | 0.256% |

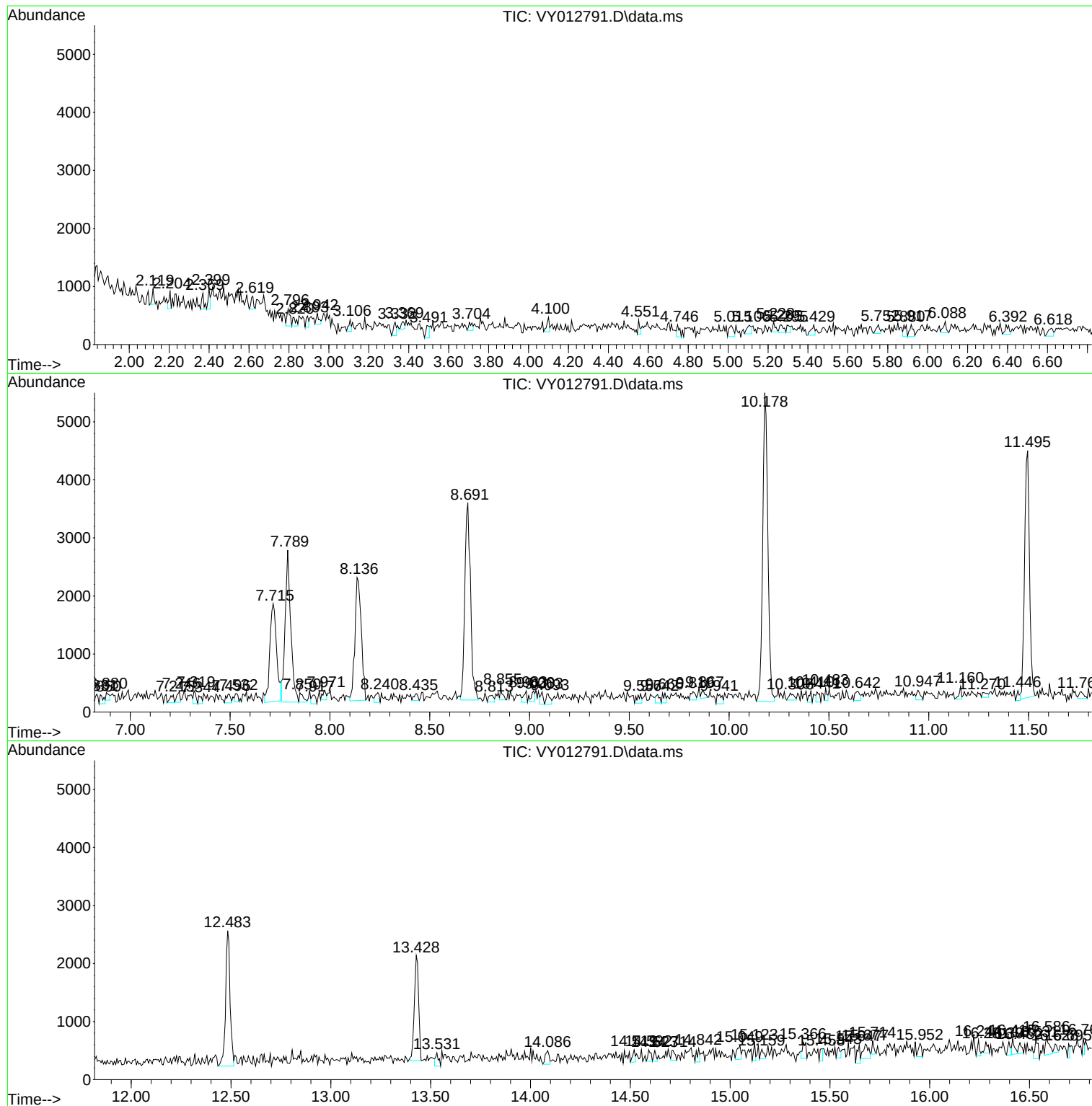
Sum of corrected areas: 62420

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MSVOA\_Y  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030223S.M  
Quant Title : SW846 8260

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



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TIC Library : C:\Database\NIST20.L  
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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 |