

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD120721\  
 Data File : VD071182.D  
 Acq On : 07 Dec 2021 14:40  
 Operator : VA/SY  
 Sample : M4959-04  
 Misc : 5.07G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 TP-1D

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\_D\Method\82D112921S.M  
 Title : SW846 8260

Signal : TIC: VD071182.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         | 1.961       | 3             | 7           | 12           | rVB2     | 1203           | 2355          | 2.06%           | 0.306%        |
| 2         | 2.214       | 46            | 50          | 54           | rBV3     | 3374           | 5046          | 4.42%           | 0.656%        |
| 3         | 2.350       | 71            | 73          | 76           | rBV2     | 3168           | 2268          | 1.98%           | 0.295%        |
| 4         | 2.561       | 107           | 109         | 110          | rBV      | 2889           | 2230          | 1.95%           | 0.290%        |
| 5         | 2.855       | 158           | 159         | 160          | rBV      | 2780           | 1485          | 1.30%           | 0.193%        |
| 6         | 2.926       | 169           | 171         | 173          | rVB3     | 3210           | 1773          | 1.55%           | 0.230%        |
| 7         | 2.944       | 173           | 174         | 176          | rBV2     | 2457           | 2181          | 1.91%           | 0.284%        |
| 8         | 3.291       | 229           | 233         | 234          | rVB2     | 1472           | 1421          | 1.24%           | 0.185%        |
| 9         | 3.526       | 270           | 273         | 275          | rBV      | 1770           | 2018          | 1.77%           | 0.262%        |
| 10        | 3.732       | 305           | 308         | 310          | rBV      | 1352           | 1500          | 1.31%           | 0.195%        |
| 11        | 3.879       | 331           | 333         | 336          | rBV2     | 1051           | 1427          | 1.25%           | 0.186%        |
| 12        | 4.396       | 418           | 421         | 423          | rBV      | 1323           | 1633          | 1.43%           | 0.212%        |
| 13        | 4.496       | 434           | 438         | 441          | rVB      | 1777           | 2207          | 1.93%           | 0.287%        |
| 14        | 4.867       | 495           | 501         | 502          | rVV2     | 1100           | 1551          | 1.36%           | 0.202%        |
| 15        | 4.885       | 502           | 504         | 507          | rVB      | 1433           | 1701          | 1.49%           | 0.221%        |
| 16        | 5.267       | 565           | 569         | 570          | rVB2     | 1337           | 1429          | 1.25%           | 0.186%        |
| 17        | 5.326       | 578           | 579         | 582          | rBV      | 1374           | 1326          | 1.16%           | 0.172%        |
| 18        | 5.379       | 586           | 588         | 590          | rVB      | 2074           | 1347          | 1.18%           | 0.175%        |
| 19        | 5.767       | 652           | 654         | 657          | rVB2     | 1242           | 1314          | 1.15%           | 0.171%        |
| 20        | 6.014       | 690           | 696         | 698          | rBV2     | 1618           | 2038          | 1.78%           | 0.265%        |
| 21        | 6.896       | 845           | 846         | 853          | rBV3     | 897            | 1560          | 1.37%           | 0.203%        |
| 22        | 6.990       | 859           | 862         | 864          | rVB2     | 1229           | 1500          | 1.31%           | 0.195%        |
| 23        | 7.173       | 887           | 893         | 894          | rBV2     | 3494           | 4546          | 3.98%           | 0.591%        |
| 24        | 7.267       | 906           | 909         | 910          | rBV      | 1459           | 1508          | 1.32%           | 0.196%        |
| 25        | 7.690       | 979           | 981         | 983          | rBV      | 2745           | 1568          | 1.37%           | 0.204%        |
| 26        | 7.914       | 1011          | 1019        | 1025         | rBV4     | 12971          | 31412         | 27.49%          | 4.083%        |
| 27        | 7.979       | 1025          | 1030        | 1039         | rVB3     | 22451          | 50754         | 44.42%          | 6.598%        |
| 28        | 8.055       | 1042          | 1043        | 1050         | rVB2     | 1459           | 2334          | 2.04%           | 0.303%        |
| 29        | 8.143       | 1056          | 1058        | 1060         | rVB2     | 1589           | 1435          | 1.26%           | 0.187%        |
| 30        | 8.208       | 1066          | 1069        | 1071         | rBV2     | 1252           | 1470          | 1.29%           | 0.191%        |
| 31        | 8.326       | 1083          | 1089        | 1098         | rVB4     | 18393          | 42937         | 37.58%          | 5.582%        |
| 32        | 8.396       | 1098          | 1101        | 1104         | rBV2     | 1174           | 1326          | 1.16%           | 0.172%        |
| 33        | 8.596       | 1134          | 1135        | 1141         | rBV2     | 1093           | 1515          | 1.33%           | 0.197%        |
| 34        | 8.861       | 1173          | 1180        | 1187         | rBV      | 35005          | 73637         | 64.45%          | 9.572%        |
| 35        | 9.043       | 1209          | 1211        | 1212         | rBV      | 1747           | 1570          | 1.37%           | 0.204%        |
| 36        | 9.237       | 1240          | 1244        | 1246         | rVB2     | 1248           | 1806          | 1.58%           | 0.235%        |

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 TP-1D

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\_D\Method\82D112921S.M  
 Title : SW846 8260

|    |        |      |      |      |      |       |        |         |         |
|----|--------|------|------|------|------|-------|--------|---------|---------|
| 37 | 9.302  | 1251 | 1255 | 1257 | rVB2 | 1388  | 1417   | 1.24%   | 0.184%  |
| 38 | 9.337  | 1257 | 1261 | 1263 | rBV2 | 1384  | 1587   | 1.39%   | 0.206%  |
| 39 | 9.467  | 1281 | 1283 | 1286 | rVB2 | 1588  | 1338   | 1.17%   | 0.174%  |
| 40 | 9.502  | 1286 | 1289 | 1291 | rBV2 | 1751  | 1810   | 1.58%   | 0.235%  |
| 41 | 9.614  | 1307 | 1308 | 1311 | rBV  | 2000  | 1692   | 1.48%   | 0.220%  |
| 42 | 9.749  | 1326 | 1331 | 1332 | rBV  | 1315  | 1516   | 1.33%   | 0.197%  |
| 43 | 10.137 | 1394 | 1397 | 1401 | rBV2 | 983   | 1772   | 1.55%   | 0.230%  |
| 44 | 10.331 | 1423 | 1430 | 1439 | rBV2 | 53756 | 98907  | 86.56%  | 12.857% |
| 45 | 10.431 | 1445 | 1447 | 1450 | rVB2 | 1323  | 1716   | 1.50%   | 0.223%  |
| 46 | 10.467 | 1450 | 1453 | 1455 | rBV2 | 1296  | 1776   | 1.55%   | 0.231%  |
| 47 | 10.631 | 1479 | 1481 | 1485 | rVB  | 1502  | 1350   | 1.18%   | 0.175%  |
| 48 | 10.667 | 1485 | 1487 | 1490 | rVB  | 1694  | 1600   | 1.40%   | 0.208%  |
| 49 | 10.702 | 1490 | 1493 | 1494 | rBV2 | 1591  | 1410   | 1.23%   | 0.183%  |
| 50 | 10.731 | 1497 | 1498 | 1503 | rBV2 | 1209  | 1505   | 1.32%   | 0.196%  |
| 51 | 10.784 | 1505 | 1507 | 1510 | rVB  | 1596  | 1406   | 1.23%   | 0.183%  |
| 52 | 10.808 | 1510 | 1511 | 1514 | rBV2 | 2354  | 1837   | 1.61%   | 0.239%  |
| 53 | 10.978 | 1537 | 1540 | 1543 | rVV2 | 1090  | 1390   | 1.22%   | 0.181%  |
| 54 | 11.026 | 1543 | 1548 | 1550 | rVB2 | 1463  | 1944   | 1.70%   | 0.253%  |
| 55 | 11.278 | 1588 | 1591 | 1593 | rVB2 | 1256  | 1288   | 1.13%   | 0.167%  |
| 56 | 11.361 | 1600 | 1605 | 1607 | rBV2 | 1969  | 1679   | 1.47%   | 0.218%  |
| 57 | 11.420 | 1610 | 1615 | 1618 | rBV  | 1294  | 2404   | 2.10%   | 0.313%  |
| 58 | 11.449 | 1618 | 1620 | 1622 | rVB2 | 1417  | 1320   | 1.16%   | 0.172%  |
| 59 | 11.578 | 1641 | 1642 | 1646 | rVB2 | 1561  | 1320   | 1.16%   | 0.172%  |
| 60 | 11.637 | 1646 | 1652 | 1660 | rBV2 | 62442 | 108169 | 94.67%  | 14.061% |
| 61 | 11.755 | 1666 | 1672 | 1674 | rBV2 | 1261  | 1995   | 1.75%   | 0.259%  |
| 62 | 11.949 | 1703 | 1705 | 1708 | rBV  | 1344  | 1735   | 1.52%   | 0.226%  |
| 63 | 12.084 | 1724 | 1728 | 1732 | rVB2 | 1180  | 1447   | 1.27%   | 0.188%  |
| 64 | 12.173 | 1741 | 1743 | 1746 | rBV  | 1561  | 2106   | 1.84%   | 0.274%  |
| 65 | 12.625 | 1812 | 1820 | 1828 | rVB2 | 48768 | 83542  | 73.12%  | 10.860% |
| 66 | 12.873 | 1858 | 1862 | 1866 | rVB  | 1252  | 1526   | 1.34%   | 0.198%  |
| 67 | 12.908 | 1866 | 1868 | 1872 | rVB2 | 1558  | 1880   | 1.65%   | 0.244%  |
| 68 | 13.114 | 1901 | 1903 | 1906 | rBV2 | 1600  | 1733   | 1.52%   | 0.225%  |
| 69 | 13.290 | 1931 | 1933 | 1935 | rBV  | 2313  | 2032   | 1.78%   | 0.264%  |
| 70 | 13.337 | 1938 | 1941 | 1943 | rVB3 | 1317  | 1497   | 1.31%   | 0.195%  |
| 71 | 13.567 | 1974 | 1980 | 1986 | rVB2 | 66346 | 114260 | 100.00% | 14.853% |
| 72 | 13.678 | 1997 | 1999 | 2001 | rVB2 | 1471  | 1411   | 1.23%   | 0.183%  |
| 73 | 13.708 | 2001 | 2004 | 2007 | rBV3 | 2170  | 2874   | 2.52%   | 0.374%  |
| 74 | 13.808 | 2020 | 2021 | 2024 | rBV3 | 1251  | 1360   | 1.19%   | 0.177%  |
| 75 | 13.861 | 2027 | 2030 | 2035 | rVV2 | 1303  | 2040   | 1.79%   | 0.265%  |
| 76 | 14.096 | 2068 | 2070 | 2072 | rBV2 | 1883  | 1519   | 1.33%   | 0.197%  |

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Instrument :  
 MSVOA\_D  
 ClientSampleId :  
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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\_D\Method\82D112921S.M  
 Title : SW846 8260

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 77 | 14.143 | 2077 | 2078 | 2082 | rVB2 | 1446 | 1650 | 1.44% | 0.214% |
| 78 | 14.255 | 2096 | 2097 | 2101 | rVB2 | 1221 | 1329 | 1.16% | 0.173% |
| 79 | 14.308 | 2104 | 2106 | 2108 | rBV  | 1565 | 1462 | 1.28% | 0.190% |
| 80 | 14.402 | 2118 | 2122 | 2123 | rBV2 | 1610 | 1692 | 1.48% | 0.220% |
| 81 | 14.431 | 2123 | 2127 | 2129 | rVB3 | 1554 | 2003 | 1.75% | 0.260% |
| 82 | 14.502 | 2138 | 2139 | 2143 | rBV2 | 1377 | 1278 | 1.12% | 0.166% |
| 83 | 14.555 | 2147 | 2148 | 2151 | rBV2 | 1535 | 1439 | 1.26% | 0.187% |
| 84 | 14.637 | 2159 | 2162 | 2165 | rVB4 | 1466 | 1576 | 1.38% | 0.205% |
| 85 | 14.755 | 2181 | 2182 | 2185 | rVB2 | 1914 | 1586 | 1.39% | 0.206% |
| 86 | 15.137 | 2245 | 2247 | 2248 | rBV  | 2333 | 1308 | 1.14% | 0.170% |
| 87 | 15.537 | 2314 | 2315 | 2317 | rBV2 | 2141 | 1280 | 1.12% | 0.166% |
| 88 | 15.878 | 2371 | 2373 | 2376 | rVB2 | 3105 | 2605 | 2.28% | 0.339% |
| 89 | 15.908 | 2376 | 2378 | 2380 | rBV  | 2024 | 1528 | 1.34% | 0.199% |
| 90 | 15.931 | 2380 | 2382 | 2383 | rBV2 | 2702 | 1788 | 1.56% | 0.232% |
| 91 | 15.984 | 2390 | 2391 | 2394 | rBV2 | 1621 | 1461 | 1.28% | 0.190% |
| 92 | 16.349 | 2451 | 2453 | 2455 | rVB3 | 3625 | 3252 | 2.85% | 0.423% |
| 93 | 16.402 | 2460 | 2462 | 2465 | rBV3 | 2198 | 1682 | 1.47% | 0.219% |
| 94 | 16.490 | 2474 | 2477 | 2479 | rBV2 | 2478 | 3387 | 2.96% | 0.440% |
| 95 | 16.508 | 2479 | 2480 | 2483 | rVV3 | 3016 | 2760 | 2.42% | 0.359% |
| 96 | 16.555 | 2484 | 2488 | 2489 | rVV2 | 2705 | 3039 | 2.66% | 0.395% |
| 97 | 16.590 | 2493 | 2494 | 2497 | rBV3 | 2411 | 2277 | 1.99% | 0.296% |
| 98 | 16.666 | 2504 | 2507 | 2509 | rBV4 | 1790 | 2602 | 2.28% | 0.338% |
| 99 | 16.684 | 2509 | 2510 | 2514 | rVV3 | 2275 | 2043 | 1.79% | 0.266% |

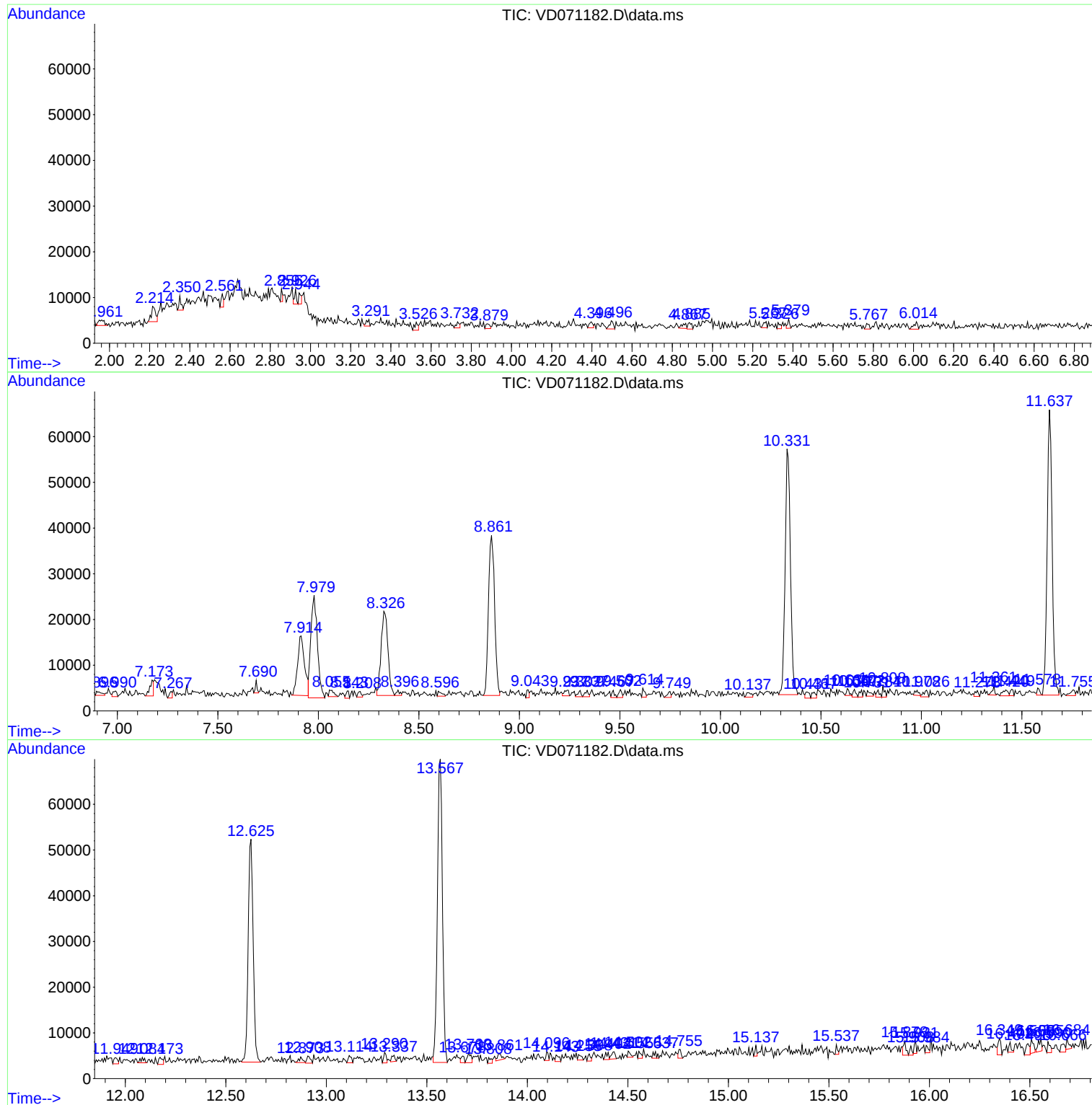
Sum of corrected areas: 769265

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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
TP-1D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D112921S.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD120721\  
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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 | # | RT | Resp | Conc |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|