

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD020224\  
 Data File : VD078334.D  
 Acq On : 02 Feb 2024 18:50  
 Operator : RP/MD  
 Sample : P1329-20  
 Misc : 5.83G/10ml/MSVOA\_D/SOIL/A  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 C0FM5

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\_D\Method\SFAMDLM020124SMA.M  
 Title : SFAM01.0

Signal : TIC: VD078334.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         | 1.681       | 12            | 16          | 19           | rBV      | 6744           | 10609         | 1.72%           | 0.217%        |
| 2         | 1.740       | 19            | 26          | 35           | rVV      | 384395         | 618015        | 100.00%         | 12.660%       |
| 3         | 2.146       | 91            | 95          | 96           | rBV      | 2145           | 1884          | 0.30%           | 0.039%        |
| 4         | 2.164       | 96            | 98          | 100          | rVV2     | 2383           | 1698          | 0.27%           | 0.035%        |
| 5         | 2.269       | 111           | 116         | 124          | rVB      | 118042         | 172843        | 27.97%          | 3.541%        |
| 6         | 2.799       | 199           | 206         | 215          | rVB      | 87933          | 166824        | 26.99%          | 3.417%        |
| 7         | 3.181       | 268           | 271         | 273          | rBV2     | 608            | 740           | 0.12%           | 0.015%        |
| 8         | 3.416       | 309           | 311         | 314          | rBV2     | 853            | 779           | 0.13%           | 0.016%        |
| 9         | 3.464       | 317           | 319         | 324          | rBV2     | 1053           | 1402          | 0.23%           | 0.029%        |
| 10        | 3.505       | 324           | 326         | 328          | rBV2     | 908            | 834           | 0.13%           | 0.017%        |
| 11        | 3.646       | 349           | 350         | 355          | rBV2     | 928            | 1357          | 0.22%           | 0.028%        |
| 12        | 3.811       | 376           | 378         | 381          | rVB      | 570            | 719           | 0.12%           | 0.015%        |
| 13        | 3.911       | 385           | 395         | 406          | rBV2     | 76800          | 196205        | 31.75%          | 4.019%        |
| 14        | 4.034       | 412           | 416         | 417          | rBV3     | 1477           | 1638          | 0.27%           | 0.034%        |
| 15        | 4.199       | 442           | 444         | 445          | rBV      | 720            | 593           | 0.10%           | 0.012%        |
| 16        | 4.299       | 458           | 461         | 462          | rBV2     | 1201           | 996           | 0.16%           | 0.020%        |
| 17        | 4.481       | 489           | 492         | 496          | rVB2     | 928            | 1346          | 0.22%           | 0.028%        |
| 18        | 4.522       | 496           | 499         | 501          | rVV      | 615            | 684           | 0.11%           | 0.014%        |
| 19        | 4.658       | 518           | 522         | 523          | rVB2     | 757            | 774           | 0.13%           | 0.016%        |
| 20        | 4.799       | 536           | 546         | 560          | rVB4     | 13207          | 41689         | 6.75%           | 0.854%        |
| 21        | 4.893       | 560           | 562         | 563          | rBV      | 1022           | 756           | 0.12%           | 0.015%        |
| 22        | 5.016       | 581           | 583         | 585          | rBV2     | 839            | 725           | 0.12%           | 0.015%        |
| 23        | 5.158       | 604           | 607         | 608          | rBV2     | 625            | 722           | 0.12%           | 0.015%        |
| 24        | 5.193       | 610           | 613         | 616          | rVB2     | 884            | 821           | 0.13%           | 0.017%        |
| 25        | 5.410       | 646           | 650         | 651          | rBV2     | 690            | 866           | 0.14%           | 0.018%        |
| 26        | 5.828       | 719           | 721         | 722          | rBV2     | 1143           | 807           | 0.13%           | 0.017%        |
| 27        | 6.134       | 770           | 773         | 774          | rBV2     | 907            | 777           | 0.13%           | 0.016%        |
| 28        | 6.387       | 814           | 816         | 819          | rBV2     | 712            | 775           | 0.13%           | 0.016%        |
| 29        | 6.446       | 823           | 826         | 827          | rBV2     | 521            | 615           | 0.10%           | 0.013%        |
| 30        | 6.663       | 861           | 863         | 865          | rVB2     | 913            | 784           | 0.13%           | 0.016%        |
| 31        | 6.799       | 884           | 886         | 889          | rBV      | 669            | 636           | 0.10%           | 0.013%        |
| 32        | 6.993       | 909           | 919         | 926          | rBV      | 16937          | 48909         | 7.91%           | 1.002%        |
| 33        | 7.169       | 947           | 949         | 952          | rVB2     | 904            | 839           | 0.14%           | 0.017%        |
| 34        | 7.205       | 952           | 955         | 956          | rBV2     | 707            | 651           | 0.11%           | 0.013%        |
| 35        | 7.340       | 976           | 978         | 979          | rBV      | 1029           | 768           | 0.12%           | 0.016%        |
| 36        | 7.569       | 1007          | 1017        | 1032         | rVB2     | 97919          | 255139        | 41.28%          | 5.226%        |

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 ALS Vial : 18 Sample Multiplier: 1

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 MSVOA\_D  
 ClientSampleId :  
 C0FM5

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\_D\Method\SFAMDLM020124SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 37 | 8.204  | 1114 | 1125 | 1139 | rBV2 | 186560 | 580740 | 93.97% | 11.896% |
| 38 | 8.616  | 1194 | 1195 | 1198 | rBV  | 634    | 773    | 0.13%  | 0.016%  |
| 39 | 8.646  | 1198 | 1200 | 1203 | rVV2 | 866    | 848    | 0.14%  | 0.017%  |
| 40 | 8.681  | 1203 | 1206 | 1210 | rVV  | 852    | 1072   | 0.17%  | 0.022%  |
| 41 | 8.775  | 1214 | 1222 | 1234 | rVV  | 164553 | 330564 | 53.49% | 6.771%  |
| 42 | 8.851  | 1234 | 1235 | 1236 | rVV  | 1223   | 585    | 0.09%  | 0.012%  |
| 43 | 8.887  | 1239 | 1241 | 1244 | rVB2 | 1158   | 879    | 0.14%  | 0.018%  |
| 44 | 9.057  | 1267 | 1270 | 1272 | rBV  | 1056   | 1345   | 0.22%  | 0.028%  |
| 45 | 9.210  | 1288 | 1296 | 1307 | rBV  | 130454 | 270179 | 43.72% | 5.534%  |
| 46 | 9.375  | 1322 | 1324 | 1325 | rVB  | 985    | 619    | 0.10%  | 0.013%  |
| 47 | 9.428  | 1330 | 1333 | 1335 | rBV2 | 689    | 721    | 0.12%  | 0.015%  |
| 48 | 9.481  | 1340 | 1342 | 1346 | rVB2 | 709    | 831    | 0.13%  | 0.017%  |
| 49 | 9.575  | 1356 | 1358 | 1360 | rBV2 | 768    | 599    | 0.10%  | 0.012%  |
| 50 | 9.628  | 1365 | 1367 | 1369 | rBV2 | 1224   | 982    | 0.16%  | 0.020%  |
| 51 | 9.869  | 1405 | 1408 | 1409 | rBV2 | 1400   | 1008   | 0.16%  | 0.021%  |
| 52 | 9.981  | 1420 | 1427 | 1434 | rVB  | 75055  | 129740 | 20.99% | 2.658%  |
| 53 | 10.269 | 1468 | 1476 | 1487 | rVV  | 259384 | 467108 | 75.58% | 9.568%  |
| 54 | 10.528 | 1513 | 1520 | 1529 | rVB  | 47282  | 83062  | 13.44% | 1.701%  |
| 55 | 10.663 | 1538 | 1543 | 1551 | rVV2 | 11241  | 18866  | 3.05%  | 0.386%  |
| 56 | 10.875 | 1573 | 1579 | 1589 | rVV  | 68254  | 120471 | 19.49% | 2.468%  |
| 57 | 10.957 | 1592 | 1593 | 1595 | rVB  | 1249   | 873    | 0.14%  | 0.018%  |
| 58 | 11.028 | 1602 | 1605 | 1609 | rVB3 | 4277   | 5359   | 0.87%  | 0.110%  |
| 59 | 11.140 | 1622 | 1624 | 1626 | rVB2 | 1129   | 824    | 0.13%  | 0.017%  |
| 60 | 11.293 | 1648 | 1650 | 1652 | rVB  | 1051   | 738    | 0.12%  | 0.015%  |
| 61 | 11.328 | 1652 | 1656 | 1657 | rBV2 | 662    | 711    | 0.12%  | 0.015%  |
| 62 | 11.375 | 1662 | 1664 | 1665 | rBV2 | 1131   | 765    | 0.12%  | 0.016%  |
| 63 | 11.410 | 1668 | 1670 | 1672 | rVB  | 991    | 702    | 0.11%  | 0.014%  |
| 64 | 11.434 | 1672 | 1674 | 1677 | rBV  | 729    | 612    | 0.10%  | 0.013%  |
| 65 | 11.581 | 1692 | 1699 | 1711 | rBV  | 250916 | 420248 | 68.00% | 8.609%  |
| 66 | 11.798 | 1734 | 1736 | 1739 | rBV2 | 1284   | 1118   | 0.18%  | 0.023%  |
| 67 | 12.263 | 1814 | 1815 | 1820 | rVB2 | 786    | 691    | 0.11%  | 0.014%  |
| 68 | 12.457 | 1846 | 1848 | 1849 | rVV  | 1528   | 903    | 0.15%  | 0.018%  |
| 69 | 12.475 | 1849 | 1851 | 1853 | rVB  | 1774   | 1042   | 0.17%  | 0.021%  |
| 70 | 12.504 | 1853 | 1856 | 1859 | rBV3 | 1204   | 1701   | 0.28%  | 0.035%  |
| 71 | 12.587 | 1864 | 1870 | 1871 | rVV4 | 2904   | 4592   | 0.74%  | 0.094%  |
| 72 | 12.651 | 1874 | 1881 | 1890 | rVB  | 114843 | 188904 | 30.57% | 3.870%  |
| 73 | 12.816 | 1907 | 1909 | 1911 | rBV2 | 1106   | 877    | 0.14%  | 0.018%  |
| 74 | 12.851 | 1913 | 1915 | 1920 | rVB4 | 2715   | 3672   | 0.59%  | 0.075%  |
| 75 | 12.904 | 1922 | 1924 | 1927 | rVV2 | 1425   | 1173   | 0.19%  | 0.024%  |
| 76 | 13.039 | 1946 | 1947 | 1949 | rBV2 | 854    | 593    | 0.10%  | 0.012%  |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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\_D\Method\SFAMDLM020124SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 13.063 | 1949 | 1951 | 1954 | rVB  | 1497   | 1112   | 0.18%  | 0.023% |
| 78  | 13.092 | 1954 | 1956 | 1958 | rBV  | 1006   | 920    | 0.15%  | 0.019% |
| 79  | 13.163 | 1965 | 1968 | 1969 | rBV2 | 1072   | 843    | 0.14%  | 0.017% |
| 80  | 13.216 | 1975 | 1977 | 1978 | rBV  | 1140   | 813    | 0.13%  | 0.017% |
| 81  | 13.363 | 2000 | 2002 | 2005 | rBV2 | 847    | 994    | 0.16%  | 0.020% |
| 82  | 13.392 | 2005 | 2007 | 2011 | rVV2 | 1066   | 1539   | 0.25%  | 0.032% |
| 83  | 13.428 | 2011 | 2013 | 2016 | rVV  | 1388   | 1182   | 0.19%  | 0.024% |
| 84  | 13.451 | 2016 | 2017 | 2019 | rVV  | 1518   | 942    | 0.15%  | 0.019% |
| 85  | 13.516 | 2022 | 2028 | 2037 | rVV  | 210607 | 343172 | 55.53% | 7.030% |
| 86  | 13.616 | 2040 | 2045 | 2050 | rBV3 | 3850   | 6737   | 1.09%  | 0.138% |
| 87  | 13.751 | 2065 | 2068 | 2069 | rBV  | 543    | 601    | 0.10%  | 0.012% |
| 88  | 13.816 | 2072 | 2079 | 2087 | rVB  | 197660 | 327997 | 53.07% | 6.719% |
| 89  | 13.869 | 2087 | 2088 | 2090 | rBV  | 1239   | 860    | 0.14%  | 0.018% |
| 90  | 14.163 | 2136 | 2138 | 2141 | rVV3 | 983    | 1084   | 0.18%  | 0.022% |
| 91  | 14.381 | 2173 | 2175 | 2177 | rBV2 | 1646   | 1325   | 0.21%  | 0.027% |
| 92  | 14.557 | 2203 | 2205 | 2208 | rBV2 | 1135   | 1380   | 0.22%  | 0.028% |
| 93  | 14.945 | 2268 | 2271 | 2273 | rBV3 | 1166   | 1207   | 0.20%  | 0.025% |
| 94  | 14.969 | 2273 | 2275 | 2277 | rBV2 | 1040   | 596    | 0.10%  | 0.012% |
| 95  | 15.481 | 2360 | 2362 | 2364 | rVB2 | 1468   | 819    | 0.13%  | 0.017% |
| 96  | 15.704 | 2398 | 2400 | 2403 | rBV3 | 1149   | 1183   | 0.19%  | 0.024% |
| 97  | 16.245 | 2491 | 2492 | 2494 | rVB2 | 1261   | 674    | 0.11%  | 0.014% |
| 98  | 16.281 | 2497 | 2498 | 2501 | rBV  | 928    | 682    | 0.11%  | 0.014% |
| 99  | 16.486 | 2531 | 2533 | 2535 | rBV2 | 1150   | 779    | 0.13%  | 0.016% |
| 100 | 16.716 | 2571 | 2572 | 2574 | rVB  | 1766   | 998    | 0.16%  | 0.020% |

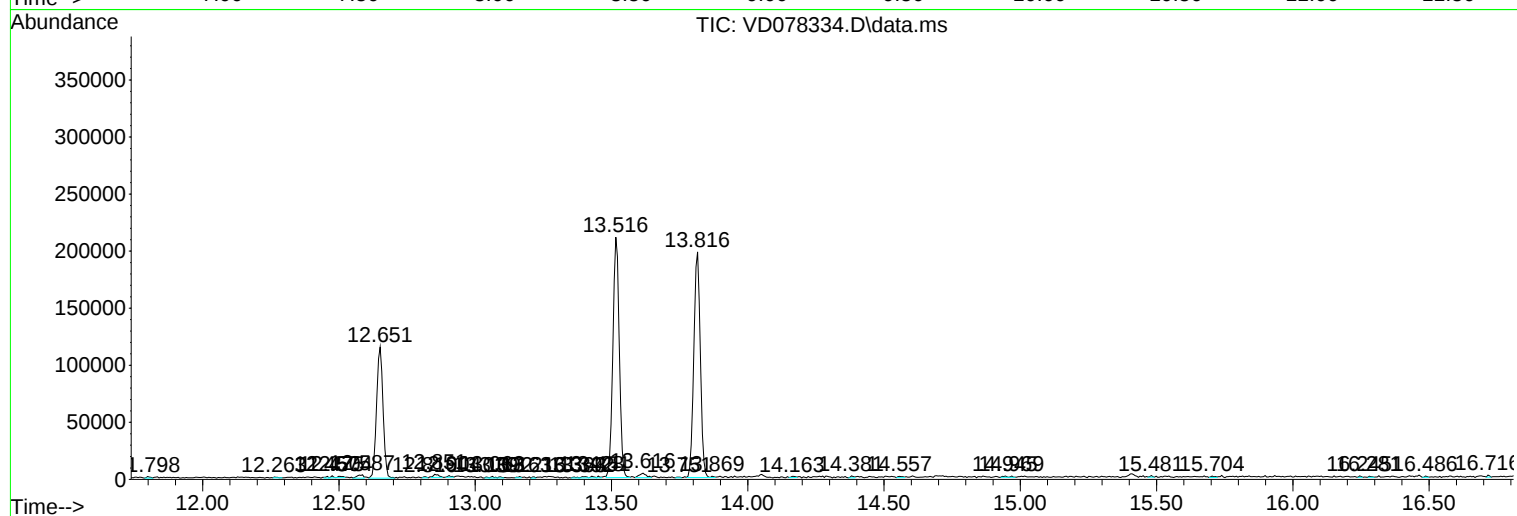
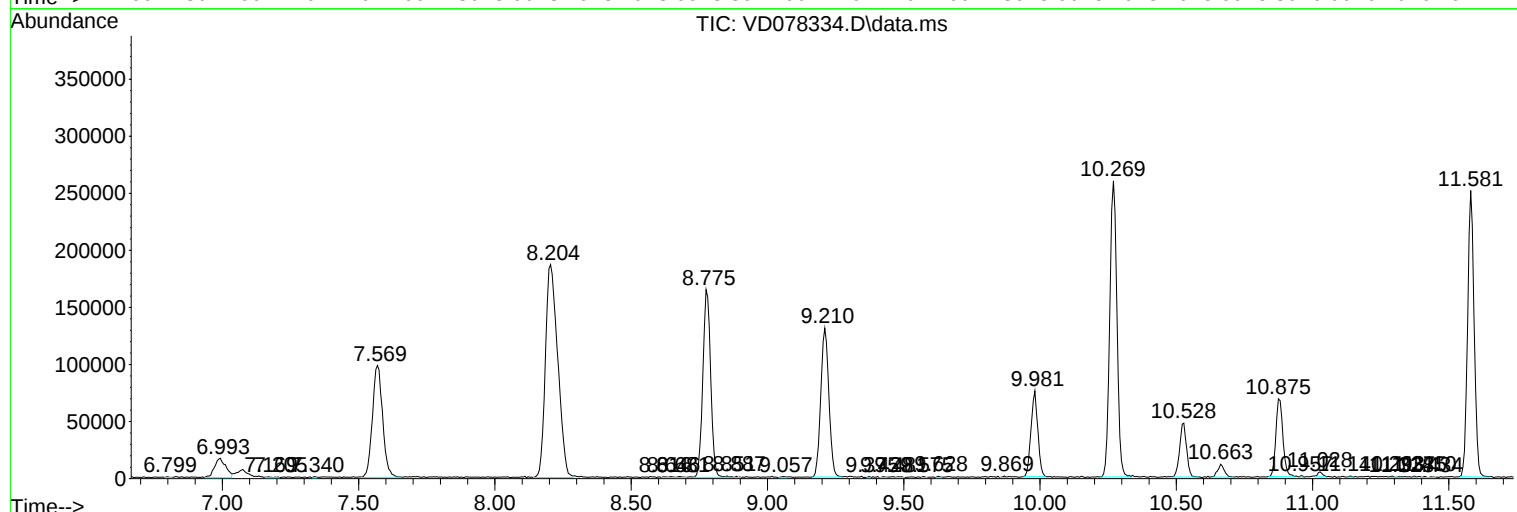
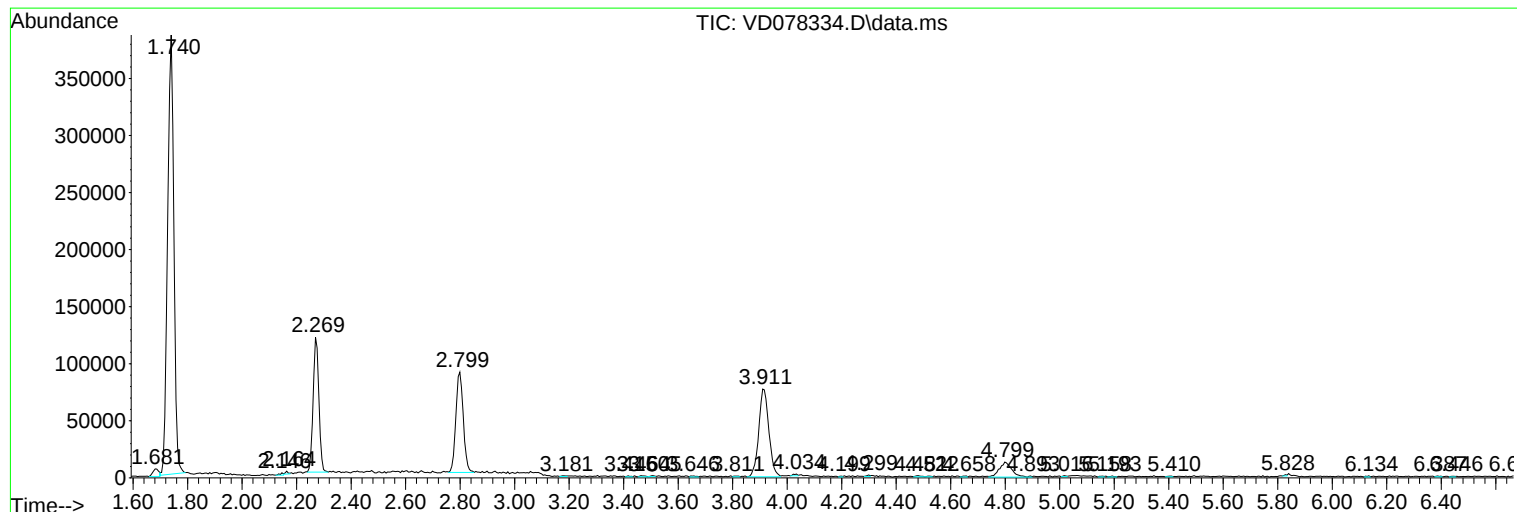
Sum of corrected areas: 4881748

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM020124SMA.M  
Quant Title : SFAM01.0

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 | # | RT | Resp | Conc |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|