

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071924\  
 Data File : VW029665.D  
 Acq On : 19 Jul 2024 18:45  
 Operator : SY/MD  
 Sample : P3264-11RE  
 Misc : 5.80g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4CL4RE

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\_W\Method\SFAMWLM070824SMA.M  
 Title : SFAM01.0

Signal : TIC: VW029665.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         | 2.363       | 72            | 78          | 89           | rBV      | 51419          | 113164        | 15.25%          | 2.695%        |
| 2         | 2.899       | 159           | 166         | 182          | rBV      | 39011          | 110906        | 14.94%          | 2.641%        |
| 3         | 3.265       | 223           | 226         | 228          | rBV4     | 655            | 817           | 0.11%           | 0.019%        |
| 4         | 3.862       | 323           | 324         | 327          | rBV3     | 578            | 574           | 0.08%           | 0.014%        |
| 5         | 3.942       | 335           | 337         | 339          | rBV2     | 424            | 350           | 0.05%           | 0.008%        |
| 6         | 4.021       | 339           | 350         | 366          | rBV      | 87157          | 270080        | 36.39%          | 6.432%        |
| 7         | 4.301       | 394           | 396         | 397          | rBV2     | 724            | 527           | 0.07%           | 0.013%        |
| 8         | 4.490       | 424           | 427         | 429          | rBV3     | 606            | 636           | 0.09%           | 0.015%        |
| 9         | 4.539       | 433           | 435         | 438          | rVB2     | 410            | 384           | 0.05%           | 0.009%        |
| 10        | 4.570       | 438           | 440         | 441          | rBV      | 477            | 402           | 0.05%           | 0.010%        |
| 11        | 4.612       | 441           | 447         | 448          | rBV5     | 1349           | 2228          | 0.30%           | 0.053%        |
| 12        | 4.917       | 485           | 497         | 509          | rBV2     | 12491          | 43982         | 5.93%           | 1.047%        |
| 13        | 5.039       | 515           | 517         | 521          | rVB5     | 910            | 938           | 0.13%           | 0.022%        |
| 14        | 5.082       | 521           | 524         | 526          | rBV2     | 300            | 378           | 0.05%           | 0.009%        |
| 15        | 5.204       | 542           | 544         | 545          | rVB2     | 643            | 359           | 0.05%           | 0.009%        |
| 16        | 5.320       | 560           | 563         | 565          | rBV2     | 632            | 656           | 0.09%           | 0.016%        |
| 17        | 5.356       | 568           | 569         | 574          | rVV3     | 749            | 1162          | 0.16%           | 0.028%        |
| 18        | 5.423       | 577           | 580         | 583          | rVV4     | 933            | 1183          | 0.16%           | 0.028%        |
| 19        | 5.533       | 595           | 598         | 601          | rBV3     | 549            | 809           | 0.11%           | 0.019%        |
| 20        | 5.576       | 604           | 605         | 608          | rVV3     | 449            | 373           | 0.05%           | 0.009%        |
| 21        | 5.685       | 621           | 623         | 627          | rVB4     | 425            | 509           | 0.07%           | 0.012%        |
| 22        | 5.752       | 632           | 634         | 635          | rBV      | 315            | 321           | 0.04%           | 0.008%        |
| 23        | 5.868       | 651           | 653         | 655          | rVB3     | 637            | 396           | 0.05%           | 0.009%        |
| 24        | 5.941       | 655           | 665         | 671          | rBV10    | 2545           | 8248          | 1.11%           | 0.196%        |
| 25        | 6.149       | 697           | 699         | 701          | rVB3     | 452            | 321           | 0.04%           | 0.008%        |
| 26        | 6.216       | 708           | 710         | 713          | rBV4     | 427            | 413           | 0.06%           | 0.010%        |
| 27        | 6.417       | 739           | 743         | 745          | rBV3     | 485            | 664           | 0.09%           | 0.016%        |
| 28        | 6.514       | 757           | 759         | 760          | rBV      | 451            | 326           | 0.04%           | 0.008%        |
| 29        | 6.594       | 768           | 772         | 774          | rBV4     | 565            | 578           | 0.08%           | 0.014%        |
| 30        | 6.789       | 802           | 804         | 806          | rBV3     | 719            | 645           | 0.09%           | 0.015%        |
| 31        | 6.917       | 824           | 825         | 827          | rVB2     | 574            | 337           | 0.05%           | 0.008%        |
| 32        | 6.984       | 832           | 836         | 838          | rBV3     | 416            | 524           | 0.07%           | 0.012%        |
| 33        | 7.088       | 844           | 853         | 857          | rBV2     | 9322           | 27636         | 3.72%           | 0.658%        |
| 34        | 7.295       | 884           | 887         | 891          | rVB5     | 598            | 685           | 0.09%           | 0.016%        |
| 35        | 7.417       | 904           | 907         | 908          | rBV2     | 603            | 626           | 0.08%           | 0.015%        |
| 36        | 7.648       | 935           | 945         | 955          | rBV      | 142812         | 348462        | 46.96%          | 8.299%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071924\  
 Data File : VW029665.D  
 Acq On : 19 Jul 2024 18:45  
 Operator : SY/MD  
 Sample : P3264-11RE  
 Misc : 5.80g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4CL4RE

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\_W\Method\SFAMWLM070824SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 37 | 7.856  | 977  | 979  | 984  | rBV4 | 1048   | 1524   | 0.21%   | 0.036%  |
| 38 | 7.996  | 1000 | 1002 | 1003 | rVB2 | 616    | 415    | 0.06%   | 0.010%  |
| 39 | 8.020  | 1003 | 1006 | 1009 | rBV4 | 680    | 919    | 0.12%   | 0.022%  |
| 40 | 8.057  | 1010 | 1012 | 1014 | rVV2 | 888    | 572    | 0.08%   | 0.014%  |
| 41 | 8.087  | 1014 | 1017 | 1019 | rVB3 | 433    | 537    | 0.07%   | 0.013%  |
| 42 | 8.148  | 1023 | 1027 | 1028 | rBV4 | 513    | 557    | 0.08%   | 0.013%  |
| 43 | 8.276  | 1038 | 1048 | 1065 | rBV2 | 241824 | 742119 | 100.00% | 17.674% |
| 44 | 8.465  | 1077 | 1079 | 1082 | rBV4 | 625    | 656    | 0.09%   | 0.016%  |
| 45 | 8.545  | 1089 | 1092 | 1093 | rBV3 | 388    | 349    | 0.05%   | 0.008%  |
| 46 | 8.563  | 1093 | 1095 | 1098 | rVV3 | 478    | 547    | 0.07%   | 0.013%  |
| 47 | 8.630  | 1102 | 1106 | 1110 | rVB5 | 1051   | 1719   | 0.23%   | 0.041%  |
| 48 | 8.843  | 1131 | 1141 | 1156 | rBV  | 323246 | 647480 | 87.25%  | 15.420% |
| 49 | 9.063  | 1175 | 1177 | 1178 | rBV2 | 1329   | 1117   | 0.15%   | 0.027%  |
| 50 | 9.270  | 1203 | 1211 | 1222 | rBV  | 185172 | 385802 | 51.99%  | 9.188%  |
| 51 | 9.550  | 1254 | 1257 | 1258 | rBV2 | 710    | 622    | 0.08%   | 0.015%  |
| 52 | 9.642  | 1269 | 1272 | 1273 | rBV3 | 464    | 527    | 0.07%   | 0.013%  |
| 53 | 9.752  | 1288 | 1290 | 1291 | rVB2 | 729    | 471    | 0.06%   | 0.011%  |
| 54 | 9.770  | 1291 | 1293 | 1295 | rBV3 | 330    | 402    | 0.05%   | 0.010%  |
| 55 | 9.831  | 1302 | 1303 | 1305 | rVB2 | 583    | 355    | 0.05%   | 0.008%  |
| 56 | 9.867  | 1305 | 1309 | 1310 | rBV3 | 679    | 482    | 0.06%   | 0.011%  |
| 57 | 10.032 | 1328 | 1336 | 1346 | rBV  | 31924  | 62352  | 8.40%   | 1.485%  |
| 58 | 10.124 | 1348 | 1351 | 1352 | rBV2 | 983    | 1174   | 0.16%   | 0.028%  |
| 59 | 10.178 | 1358 | 1360 | 1363 | rVB3 | 399    | 317    | 0.04%   | 0.008%  |
| 60 | 10.209 | 1363 | 1365 | 1369 | rVB5 | 654    | 694    | 0.09%   | 0.017%  |
| 61 | 10.239 | 1369 | 1370 | 1372 | rBV2 | 466    | 395    | 0.05%   | 0.009%  |
| 62 | 10.325 | 1375 | 1384 | 1393 | rBV  | 219236 | 398757 | 53.73%  | 9.497%  |
| 63 | 10.575 | 1419 | 1425 | 1435 | rVV  | 23195  | 42749  | 5.76%   | 1.018%  |
| 64 | 10.697 | 1442 | 1445 | 1453 | rVB2 | 4513   | 7812   | 1.05%   | 0.186%  |
| 65 | 10.770 | 1453 | 1457 | 1460 | rBV4 | 979    | 1442   | 0.19%   | 0.034%  |
| 66 | 10.861 | 1467 | 1472 | 1476 | rBV4 | 4198   | 7422   | 1.00%   | 0.177%  |
| 67 | 10.928 | 1477 | 1483 | 1496 | rVV4 | 27983  | 73971  | 9.97%   | 1.762%  |
| 68 | 11.160 | 1519 | 1521 | 1522 | rBV2 | 607    | 464    | 0.06%   | 0.011%  |
| 69 | 11.562 | 1584 | 1587 | 1590 | rBV4 | 463    | 580    | 0.08%   | 0.014%  |
| 70 | 11.629 | 1590 | 1598 | 1608 | rBV  | 246220 | 427292 | 57.58%  | 10.176% |
| 71 | 11.837 | 1627 | 1632 | 1634 | rBV5 | 983    | 1612   | 0.22%   | 0.038%  |
| 72 | 11.940 | 1646 | 1649 | 1652 | rVB3 | 542    | 567    | 0.08%   | 0.014%  |
| 73 | 11.971 | 1652 | 1654 | 1656 | rBV3 | 378    | 351    | 0.05%   | 0.008%  |
| 74 | 12.209 | 1690 | 1693 | 1695 | rVB3 | 768    | 801    | 0.11%   | 0.019%  |
| 75 | 12.361 | 1716 | 1718 | 1722 | rBV4 | 902    | 906    | 0.12%   | 0.022%  |
| 76 | 12.458 | 1732 | 1734 | 1740 | rVB5 | 1195   | 1403   | 0.19%   | 0.033%  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071924\  
 Data File : VW029665.D  
 Acq On : 19 Jul 2024 18:45  
 Operator : SY/MD  
 Sample : P3264-11RE  
 Misc : 5.80g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4CL4RE

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\_W\Method\SFAMWLM070824SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |       |        |        |        |
|-----|--------|------|------|------|------|-------|--------|--------|--------|
| 77  | 12.507 | 1740 | 1742 | 1745 | rBV2 | 527   | 603    | 0.08%  | 0.014% |
| 78  | 12.599 | 1748 | 1757 | 1764 | rBV4 | 4426  | 9392   | 1.27%  | 0.224% |
| 79  | 12.690 | 1765 | 1772 | 1780 | rBV  | 83278 | 137175 | 18.48% | 3.267% |
| 80  | 12.867 | 1798 | 1801 | 1802 | rBV3 | 590   | 673    | 0.09%  | 0.016% |
| 81  | 13.080 | 1833 | 1836 | 1839 | rBV4 | 707   | 987    | 0.13%  | 0.024% |
| 82  | 13.123 | 1841 | 1843 | 1845 | rVB2 | 686   | 552    | 0.07%  | 0.013% |
| 83  | 13.190 | 1850 | 1854 | 1860 | rVB2 | 3768  | 6720   | 0.91%  | 0.160% |
| 84  | 13.294 | 1865 | 1871 | 1876 | rVB5 | 2861  | 4343   | 0.59%  | 0.103% |
| 85  | 13.403 | 1884 | 1889 | 1893 | rVB3 | 5896  | 9060   | 1.22%  | 0.216% |
| 86  | 13.556 | 1908 | 1914 | 1919 | rBV  | 95309 | 158642 | 21.38% | 3.778% |
| 87  | 13.848 | 1956 | 1962 | 1968 | rVB2 | 60254 | 98895  | 13.33% | 2.355% |
| 88  | 14.214 | 2019 | 2022 | 2024 | rBV3 | 507   | 521    | 0.07%  | 0.012% |
| 89  | 14.385 | 2047 | 2050 | 2051 | rBV  | 692   | 651    | 0.09%  | 0.016% |
| 90  | 14.623 | 2086 | 2089 | 2093 | rBV6 | 765   | 1271   | 0.17%  | 0.030% |
| 91  | 14.653 | 2093 | 2094 | 2096 | rBV2 | 591   | 403    | 0.05%  | 0.010% |
| 92  | 14.708 | 2101 | 2103 | 2105 | rBV3 | 760   | 801    | 0.11%  | 0.019% |
| 93  | 14.989 | 2147 | 2149 | 2153 | rVB3 | 789   | 749    | 0.10%  | 0.018% |
| 94  | 15.049 | 2156 | 2159 | 2160 | rBV2 | 806   | 890    | 0.12%  | 0.021% |
| 95  | 15.245 | 2187 | 2191 | 2199 | rVB9 | 1909  | 3739   | 0.50%  | 0.089% |
| 96  | 15.696 | 2261 | 2265 | 2267 | rBV3 | 1278  | 1770   | 0.24%  | 0.042% |
| 97  | 15.787 | 2278 | 2280 | 2283 | rVB3 | 803   | 710    | 0.10%  | 0.017% |
| 98  | 16.043 | 2319 | 2322 | 2324 | rBV3 | 451   | 425    | 0.06%  | 0.010% |
| 99  | 16.110 | 2331 | 2333 | 2335 | rBV2 | 602   | 405    | 0.05%  | 0.010% |
| 100 | 16.494 | 2394 | 2396 | 2398 | rBV2 | 1114  | 740    | 0.10%  | 0.018% |

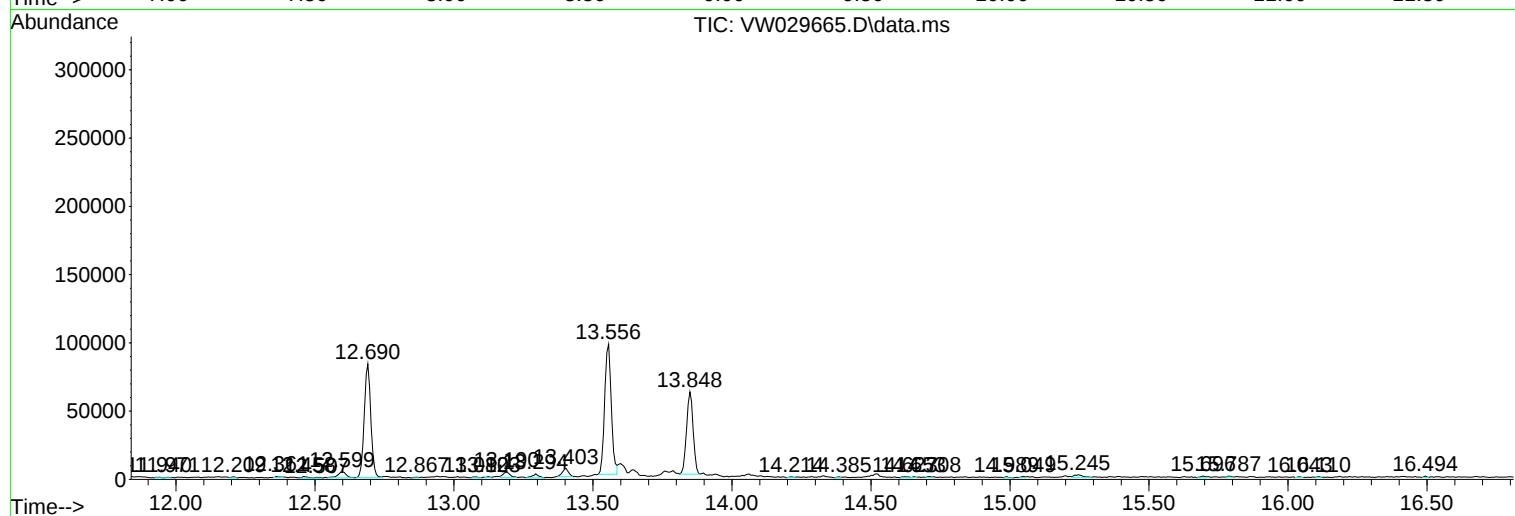
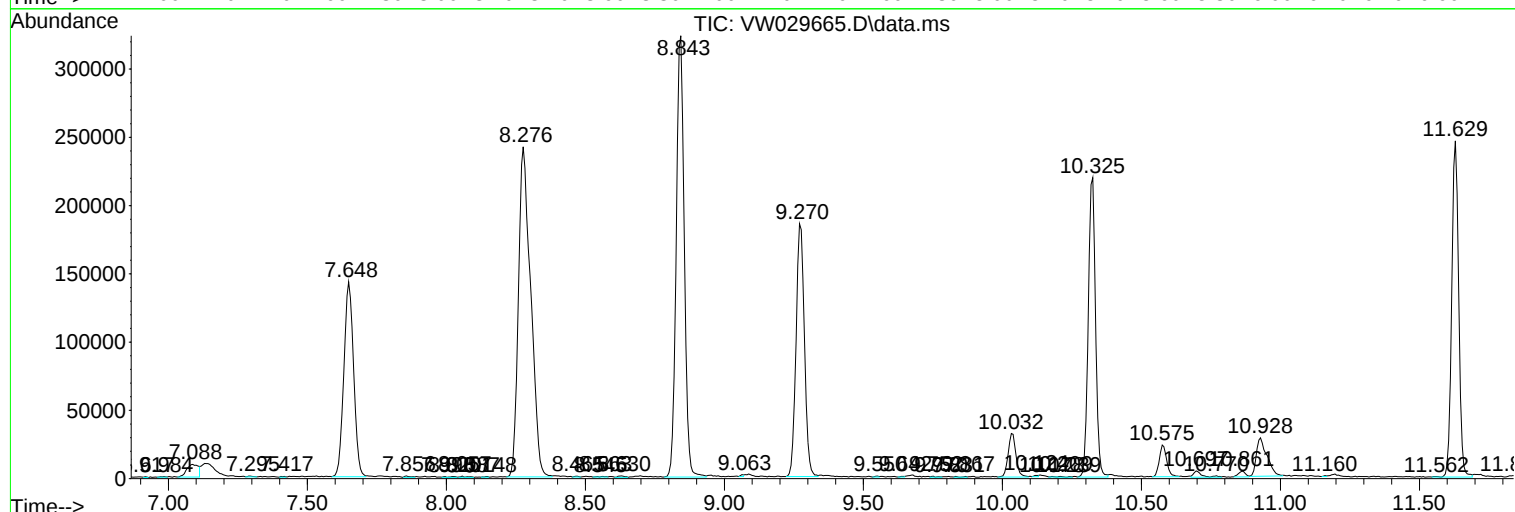
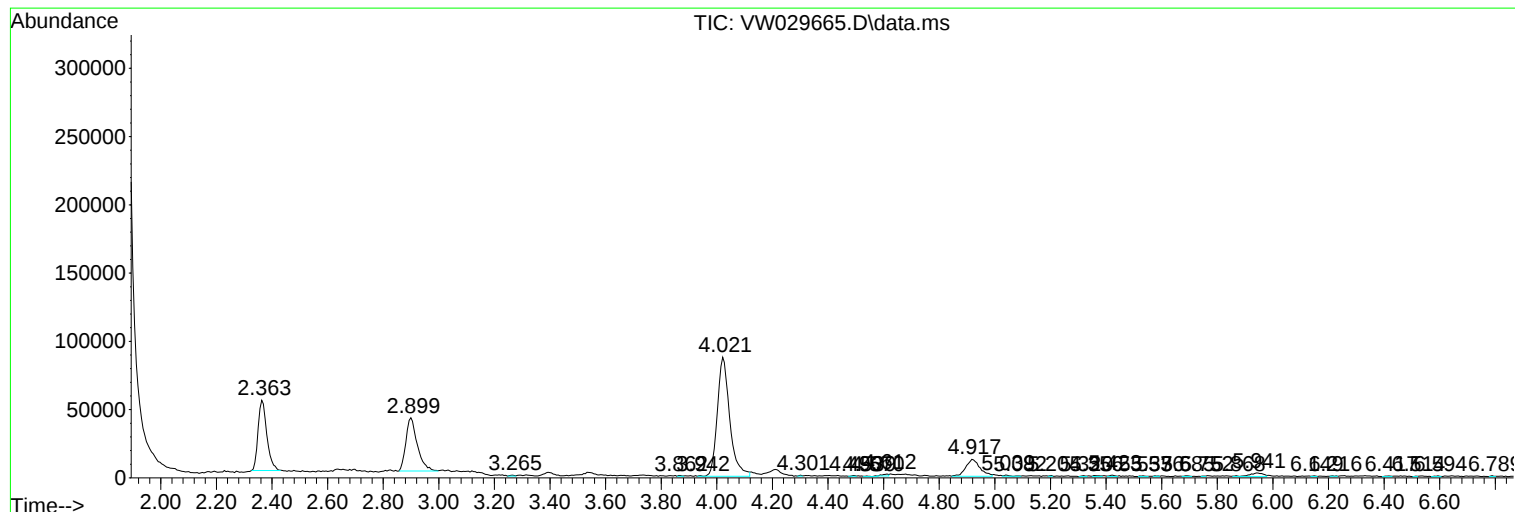
Sum of corrected areas: 4198949

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071924\  
Data File : VW029665.D  
Acq On : 19 Jul 2024 18:45  
Operator : SY/MD  
Sample : P3264-11RE  
Misc : 5.80g/10mL/MSVOA\_W/SOIL/B  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
A4CL4RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070824SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071924\  
Data File : VW029665.D  
Acq On : 19 Jul 2024 18:45  
Operator : SY/MD  
Sample : P3264-11RE  
Misc : 5.80g/10mL/MSVOA\_W/SOIL/B  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
A4CL4RE

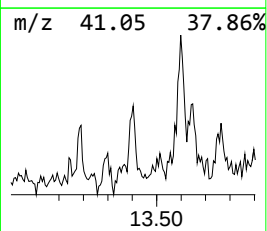
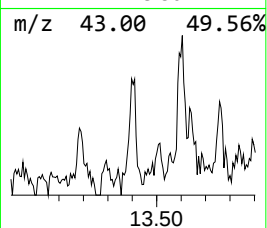
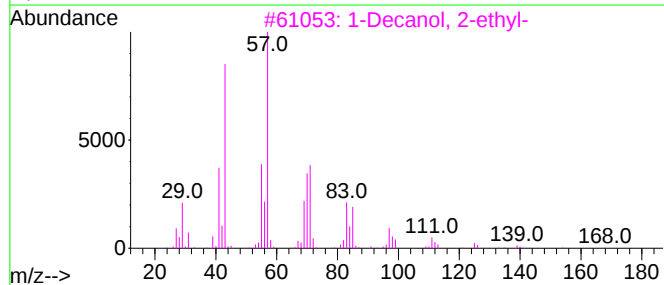
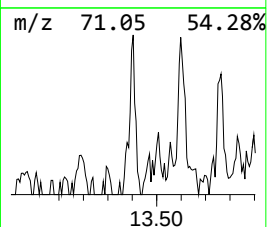
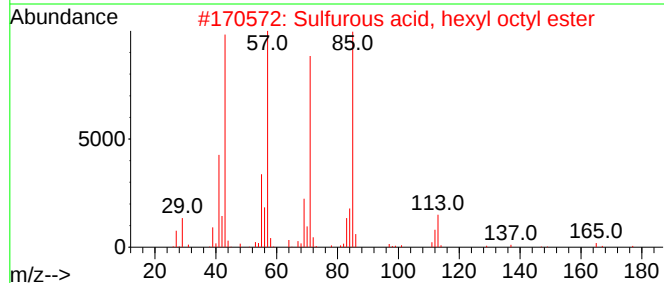
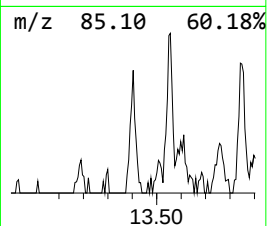
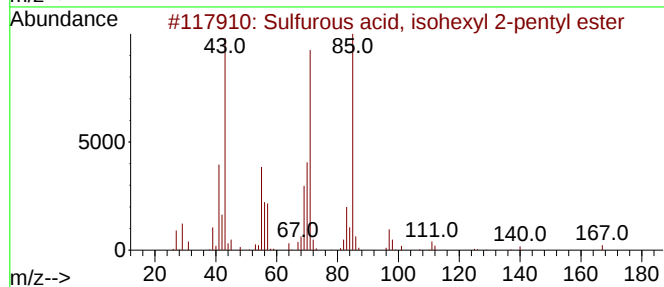
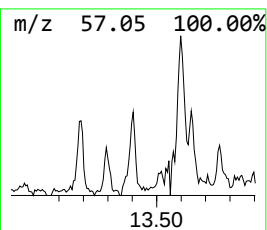
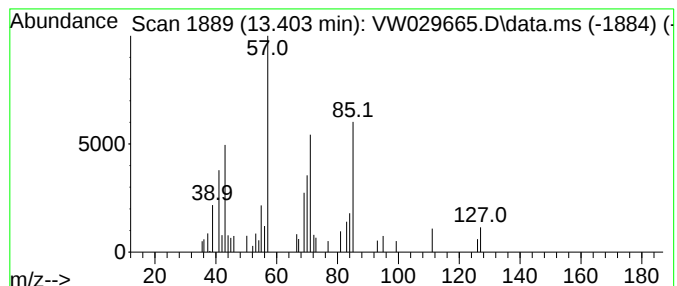
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070824SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 4 Sulfurous acid, isohexyl 2-... Concentration Rank 4

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 13.403 | 1.43 ug/L | 9060 | 1,4-Dichlorobenzene-d4 | 13.556 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Sulfurous acid, isohexyl 2-penty... | 236 | C11H24O3S | 1000309-15-5 | 50   |
| 2    |    |   | Sulfurous acid, hexyl octyl ester   | 278 | C14H30O3S | 1000309-13-0 | 50   |
| 3    |    |   | 1-Decanol, 2-ethyl-                 | 186 | C12H26O   | 021078-65-9  | 45   |
| 4    |    |   | Oxalic acid, 2-ethylhexyl hexyl ... | 286 | C16H30O4  | 1000309-38-9 | 43   |
| 5    |    |   | Sulfurous acid, nonyl pentyl ester  | 278 | C14H30O3S | 1000309-14-2 | 43   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071924\  
Data File : VW029665.D  
Acq On : 19 Jul 2024 18:45  
Operator : SY/MD  
Sample : P3264-11RE  
Misc : 5.80g/10mL/MSVOA\_W/SOIL/B  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
A4CL4RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070824SMA.M  
Quant Title : SFAM01.0

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Sulfurous acid,... | 13.403 | 1.4     | ug/L  | 9060     | 3                     | 13.556 | 158642 | 25.0 |