

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042324\  
 Data File : VW028522.D  
 Acq On : 23 Apr 2024 16:09  
 Operator : SY/MD  
 Sample : P2238-02  
 Misc : 4.01g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E1CX6

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\SFAMWLM040824SMA.M  
 Title : SFAM01.0

Signal : TIC: VW028522.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         | 1.979       | 14            | 15          | 18           | rBV3     | 1045           | 987           | 0.15%           | 0.018%        |
| 2         | 2.156       | 42            | 44          | 46           | rBV3     | 908            | 959           | 0.14%           | 0.017%        |
| 3         | 2.216       | 48            | 54          | 56           | rBV6     | 2745           | 4681          | 0.70%           | 0.085%        |
| 4         | 2.357       | 72            | 77          | 88           | rVB      | 55282          | 100748        | 15.02%          | 1.831%        |
| 5         | 2.893       | 159           | 165         | 177          | rVB      | 40590          | 97922         | 14.60%          | 1.779%        |
| 6         | 3.454       | 254           | 257         | 259          | rVB4     | 921            | 1028          | 0.15%           | 0.019%        |
| 7         | 3.485       | 259           | 262         | 265          | rBV5     | 1277           | 1697          | 0.25%           | 0.031%        |
| 8         | 3.521       | 265           | 268         | 270          | rBV4     | 1135           | 1255          | 0.19%           | 0.023%        |
| 9         | 3.680       | 290           | 294         | 296          | rVB4     | 1441           | 1514          | 0.23%           | 0.028%        |
| 10        | 3.704       | 296           | 298         | 301          | rBV4     | 1648           | 1614          | 0.24%           | 0.029%        |
| 11        | 3.735       | 301           | 303         | 304          | rVV2     | 1457           | 1286          | 0.19%           | 0.023%        |
| 12        | 3.795       | 310           | 313         | 316          | rBV5     | 865            | 972           | 0.14%           | 0.018%        |
| 13        | 3.863       | 321           | 324         | 327          | rVB5     | 1138           | 1612          | 0.24%           | 0.029%        |
| 14        | 3.954       | 337           | 339         | 341          | rBV3     | 1168           | 1103          | 0.16%           | 0.020%        |
| 15        | 4.021       | 341           | 350         | 360          | rBV      | 86741          | 233330        | 34.79%          | 4.240%        |
| 16        | 4.125       | 362           | 367         | 371          | rVV5     | 2563           | 5661          | 0.84%           | 0.103%        |
| 17        | 4.161       | 371           | 373         | 378          | rVB5     | 1732           | 2770          | 0.41%           | 0.050%        |
| 18        | 4.204       | 378           | 380         | 384          | rBV5     | 984            | 1862          | 0.28%           | 0.034%        |
| 19        | 4.387       | 406           | 410         | 415          | rBV8     | 2288           | 4714          | 0.70%           | 0.086%        |
| 20        | 4.454       | 419           | 421         | 425          | rVB5     | 1134           | 1019          | 0.15%           | 0.019%        |
| 21        | 4.558       | 435           | 438         | 442          | rVB5     | 1930           | 2750          | 0.41%           | 0.050%        |
| 22        | 4.661       | 452           | 455         | 457          | rVB4     | 885            | 1025          | 0.15%           | 0.019%        |
| 23        | 4.789       | 474           | 476         | 480          | rVB5     | 1566           | 1415          | 0.21%           | 0.026%        |
| 24        | 4.917       | 487           | 497         | 510          | rVB2     | 19230          | 59070         | 8.81%           | 1.073%        |
| 25        | 5.064       | 517           | 521         | 527          | rVB7     | 1338           | 1639          | 0.24%           | 0.030%        |
| 26        | 5.253       | 551           | 552         | 554          | rVV2     | 1509           | 1111          | 0.17%           | 0.020%        |
| 27        | 5.314       | 559           | 562         | 564          | rVV3     | 892            | 951           | 0.14%           | 0.017%        |
| 28        | 5.387       | 571           | 574         | 576          | rBV4     | 1341           | 1397          | 0.21%           | 0.025%        |
| 29        | 5.484       | 588           | 590         | 592          | rVV2     | 1038           | 943           | 0.14%           | 0.017%        |
| 30        | 5.612       | 609           | 611         | 614          | rVV4     | 1088           | 1293          | 0.19%           | 0.023%        |
| 31        | 5.685       | 620           | 623         | 627          | rVV6     | 1096           | 1820          | 0.27%           | 0.033%        |
| 32        | 5.862       | 649           | 652         | 655          | rBV5     | 958            | 964           | 0.14%           | 0.018%        |
| 33        | 5.893       | 655           | 657         | 658          | rBV2     | 1273           | 1070          | 0.16%           | 0.019%        |
| 34        | 5.948       | 658           | 666         | 674          | rVV3     | 8070           | 24229         | 3.61%           | 0.440%        |
| 35        | 6.069       | 684           | 686         | 689          | rVV4     | 1697           | 1743          | 0.26%           | 0.032%        |
| 36        | 6.118       | 689           | 694         | 696          | rVB6     | 1126           | 1616          | 0.24%           | 0.029%        |

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
 Title : SFAM01.0

|    |       |     |     |     |      |      |      |       |        |
|----|-------|-----|-----|-----|------|------|------|-------|--------|
| 37 | 6.143 | 696 | 698 | 701 | rBV4 | 1078 | 1214 | 0.18% | 0.022% |
| 38 | 6.447 | 747 | 748 | 752 | rBV4 | 1001 | 1061 | 0.16% | 0.019% |
| 39 | 6.484 | 752 | 754 | 756 | rBV3 | 999  | 947  | 0.14% | 0.017% |
| 40 | 6.569 | 765 | 768 | 770 | rBV4 | 938  | 969  | 0.14% | 0.018% |

|    |       |     |     |     |      |      |      |       |        |
|----|-------|-----|-----|-----|------|------|------|-------|--------|
| 41 | 6.661 | 781 | 783 | 787 | rBV5 | 879  | 1200 | 0.18% | 0.022% |
| 42 | 6.764 | 796 | 800 | 802 | rBV5 | 748  | 975  | 0.15% | 0.018% |
| 43 | 6.850 | 813 | 814 | 818 | rVB4 | 1196 | 1302 | 0.19% | 0.024% |
| 44 | 6.960 | 830 | 832 | 836 | rVB5 | 1128 | 1528 | 0.23% | 0.028% |
| 45 | 7.002 | 836 | 839 | 842 | rBV5 | 1350 | 1778 | 0.27% | 0.032% |

|    |       |     |     |     |      |       |       |       |        |
|----|-------|-----|-----|-----|------|-------|-------|-------|--------|
| 46 | 7.130 | 847 | 860 | 872 | rBV4 | 15186 | 64252 | 9.58% | 1.168% |
| 47 | 7.313 | 888 | 890 | 893 | rVB4 | 1348  | 998   | 0.15% | 0.018% |
| 48 | 7.368 | 897 | 899 | 902 | rVV4 | 787   | 936   | 0.14% | 0.017% |
| 49 | 7.447 | 905 | 912 | 918 | rVV7 | 2910  | 7040  | 1.05% | 0.128% |
| 50 | 7.551 | 928 | 929 | 934 | rVB5 | 1063  | 1027  | 0.15% | 0.019% |

|    |       |      |      |      |      |        |        |        |        |
|----|-------|------|------|------|------|--------|--------|--------|--------|
| 51 | 7.679 | 939  | 950  | 961  | rVV  | 112520 | 285909 | 42.63% | 5.196% |
| 52 | 7.776 | 963  | 966  | 967  | rVV3 | 1090   | 1378   | 0.21%  | 0.025% |
| 53 | 7.825 | 971  | 974  | 976  | rBV4 | 889    | 1039   | 0.15%  | 0.019% |
| 54 | 7.935 | 990  | 992  | 995  | rBV4 | 928    | 1065   | 0.16%  | 0.019% |
| 55 | 8.087 | 1014 | 1017 | 1022 | rBV7 | 694    | 1264   | 0.19%  | 0.023% |

|    |       |      |      |      |      |        |        |         |         |
|----|-------|------|------|------|------|--------|--------|---------|---------|
| 56 | 8.276 | 1038 | 1048 | 1067 | rBV2 | 234711 | 670636 | 100.00% | 12.187% |
| 57 | 8.478 | 1075 | 1081 | 1083 | rBV6 | 1293   | 2616   | 0.39%   | 0.048%  |
| 58 | 8.502 | 1083 | 1085 | 1089 | rVB4 | 978    | 1200   | 0.18%   | 0.022%  |
| 59 | 8.587 | 1097 | 1099 | 1100 | rBV2 | 1226   | 1002   | 0.15%   | 0.018%  |
| 60 | 8.618 | 1102 | 1104 | 1107 | rVV3 | 1319   | 1633   | 0.24%   | 0.030%  |

|    |       |      |      |      |      |        |        |        |        |
|----|-------|------|------|------|------|--------|--------|--------|--------|
| 61 | 8.679 | 1110 | 1114 | 1115 | rBV3 | 1140   | 1365   | 0.20%  | 0.025% |
| 62 | 8.843 | 1130 | 1141 | 1152 | rBV  | 240516 | 488469 | 72.84% | 8.877% |
| 63 | 8.959 | 1157 | 1160 | 1163 | rVB5 | 952    | 1299   | 0.19%  | 0.024% |
| 64 | 9.087 | 1172 | 1181 | 1189 | rBV2 | 135365 | 307484 | 45.85% | 5.588% |
| 65 | 9.270 | 1203 | 1211 | 1222 | rVV  | 152517 | 317094 | 47.28% | 5.762% |

|    |       |      |      |      |      |      |      |       |        |
|----|-------|------|------|------|------|------|------|-------|--------|
| 66 | 9.465 | 1240 | 1243 | 1244 | rBV3 | 826  | 961  | 0.14% | 0.017% |
| 67 | 9.496 | 1246 | 1248 | 1251 | rVB4 | 1177 | 1452 | 0.22% | 0.026% |
| 68 | 9.764 | 1287 | 1292 | 1293 | rBV5 | 1001 | 1362 | 0.20% | 0.025% |
| 69 | 9.837 | 1303 | 1304 | 1307 | rBV3 | 901  | 1086 | 0.16% | 0.020% |
| 70 | 9.898 | 1312 | 1314 | 1317 | rVB4 | 982  | 966  | 0.14% | 0.018% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 71 | 9.935  | 1317 | 1320 | 1324 | rBV5 | 1674   | 2287   | 0.34%  | 0.042% |
| 72 | 10.032 | 1330 | 1336 | 1347 | rVB  | 71587  | 132271 | 19.72% | 2.404% |
| 73 | 10.215 | 1362 | 1366 | 1367 | rBV3 | 1183   | 1725   | 0.26%  | 0.031% |
| 74 | 10.319 | 1376 | 1383 | 1392 | rBV  | 297329 | 535462 | 79.84% | 9.731% |
| 75 | 10.575 | 1419 | 1425 | 1434 | rVB  | 42256  | 75943  | 11.32% | 1.380% |

|    |        |      |      |      |      |     |      |       |        |
|----|--------|------|------|------|------|-----|------|-------|--------|
| 76 | 10.855 | 1468 | 1471 | 1474 | rBV5 | 935 | 1448 | 0.22% | 0.026% |
|----|--------|------|------|------|------|-----|------|-------|--------|

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 MSVOA\_W  
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Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 77  | 10.934 | 1477 | 1484 | 1494 | rBV6 | 37727  | 94423  | 14.08% | 1.716%  |
| 78  | 11.190 | 1523 | 1526 | 1530 | rBV6 | 1088   | 1596   | 0.24%  | 0.029%  |
| 79  | 11.629 | 1591 | 1598 | 1608 | rVB  | 327716 | 552122 | 82.33% | 10.033% |
| 80  | 12.129 | 1677 | 1680 | 1681 | rBV3 | 1158   | 1084   | 0.16%  | 0.020%  |
| 81  | 12.276 | 1702 | 1704 | 1705 | rVB2 | 1751   | 1086   | 0.16%  | 0.020%  |
| 82  | 12.294 | 1705 | 1707 | 1710 | rBV3 | 1261   | 1891   | 0.28%  | 0.034%  |
| 83  | 12.599 | 1750 | 1757 | 1763 | rBV2 | 9787   | 19775  | 2.95%  | 0.359%  |
| 84  | 12.739 | 1778 | 1780 | 1781 | rBV2 | 1471   | 1257   | 0.19%  | 0.023%  |
| 85  | 13.026 | 1814 | 1827 | 1839 | rBV4 | 11643  | 56425  | 8.41%  | 1.025%  |
| 86  | 13.178 | 1850 | 1852 | 1857 | rBV5 | 1490   | 1972   | 0.29%  | 0.036%  |
| 87  | 13.404 | 1886 | 1889 | 1891 | rBV4 | 4051   | 5209   | 0.78%  | 0.095%  |
| 88  | 13.556 | 1907 | 1914 | 1922 | rBV  | 272551 | 451894 | 67.38% | 8.212%  |
| 89  | 13.647 | 1925 | 1929 | 1935 | rVB6 | 5283   | 8708   | 1.30%  | 0.158%  |
| 90  | 13.849 | 1954 | 1962 | 1969 | rBV  | 226460 | 378061 | 56.37% | 6.870%  |
| 91  | 14.056 | 1993 | 1996 | 2002 | rVB4 | 5591   | 9756   | 1.45%  | 0.177%  |
| 92  | 14.318 | 2037 | 2039 | 2044 | rVB5 | 1670   | 2807   | 0.42%  | 0.051%  |
| 93  | 14.586 | 2081 | 2083 | 2085 | rBV3 | 1383   | 1124   | 0.17%  | 0.020%  |
| 94  | 14.714 | 2099 | 2104 | 2109 | rBV2 | 12934  | 21620  | 3.22%  | 0.393%  |
| 95  | 14.830 | 2120 | 2123 | 2129 | rVB5 | 7213   | 12945  | 1.93%  | 0.235%  |
| 96  | 14.934 | 2129 | 2140 | 2149 | rBV3 | 22125  | 81819  | 12.20% | 1.487%  |
| 97  | 15.318 | 2198 | 2203 | 2209 | rBV2 | 28986  | 48563  | 7.24%  | 0.882%  |
| 98  | 15.543 | 2235 | 2240 | 2246 | rBV  | 68255  | 108243 | 16.14% | 1.967%  |
| 99  | 16.275 | 2355 | 2360 | 2368 | rVB2 | 26272  | 50377  | 7.51%  | 0.915%  |
| 100 | 16.482 | 2389 | 2394 | 2399 | rBV  | 55374  | 96738  | 14.42% | 1.758%  |

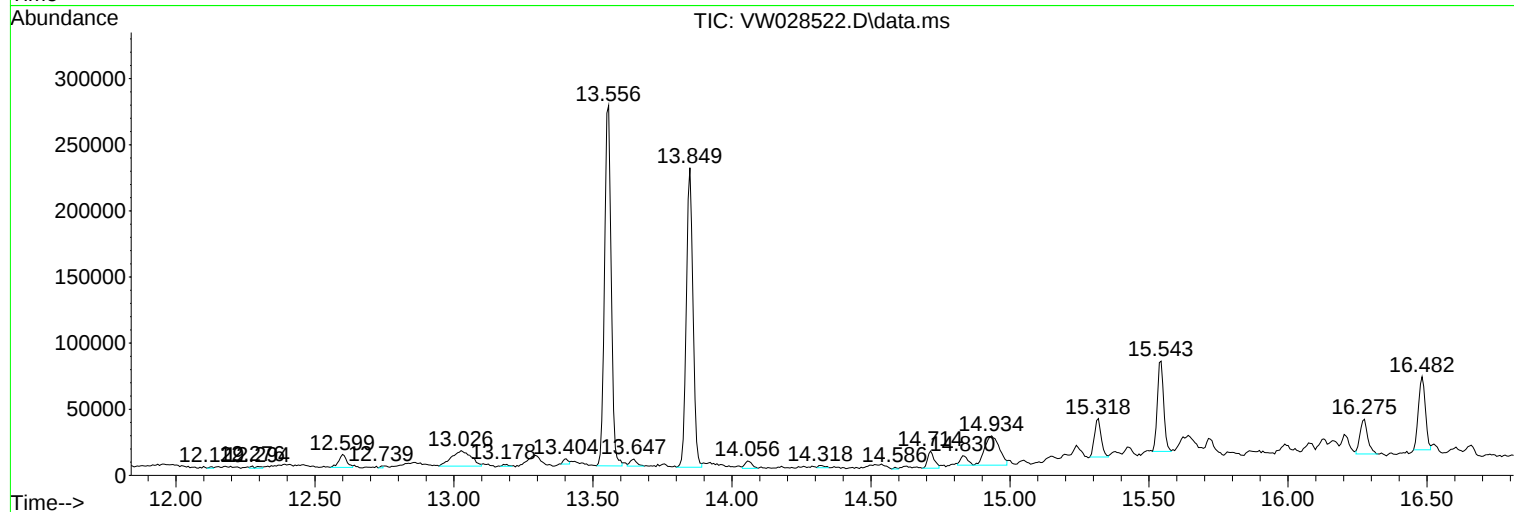
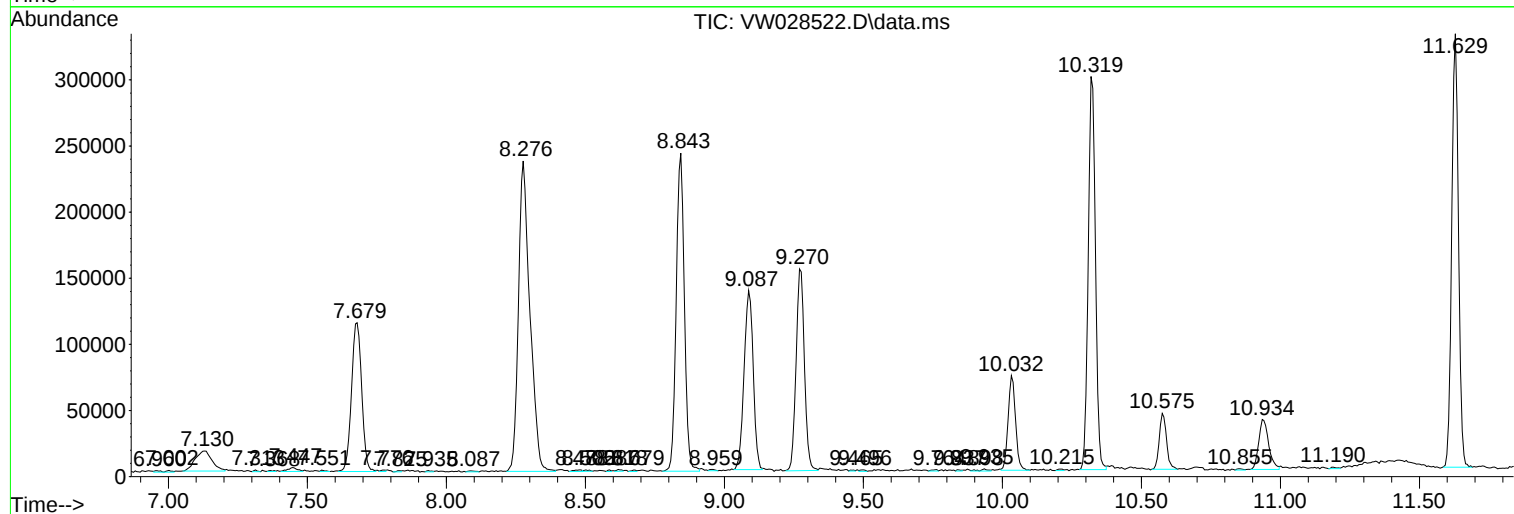
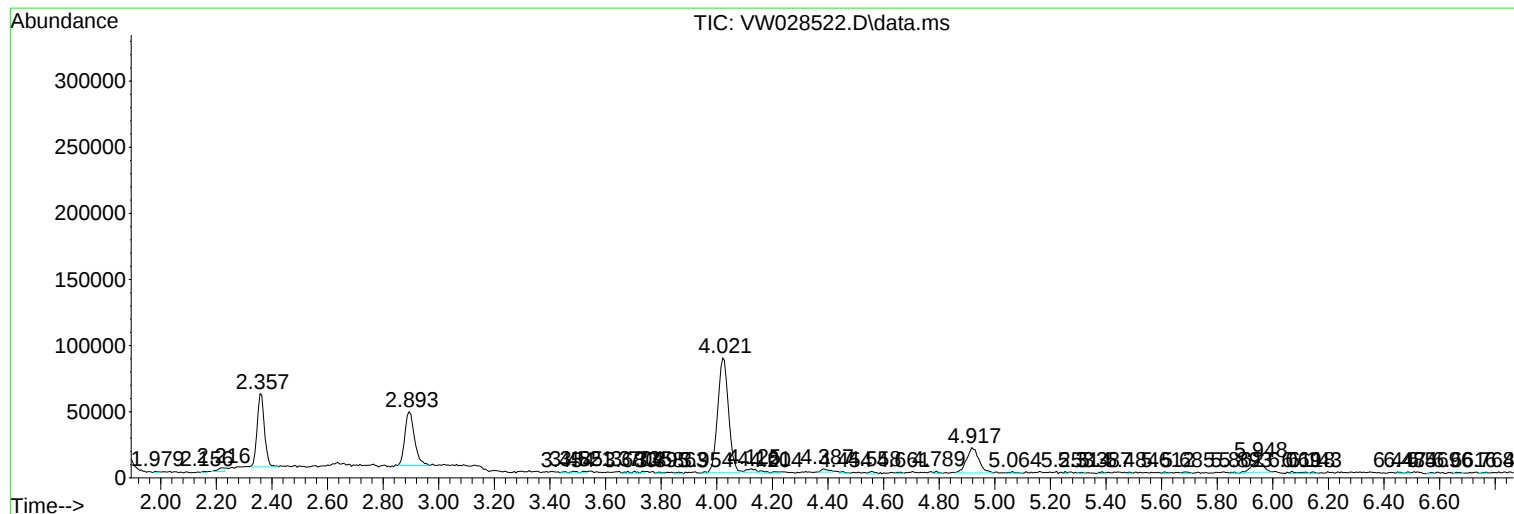
Sum of corrected areas: 5502908

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
Quant Title : SFAM01.0

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



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Instrument :  
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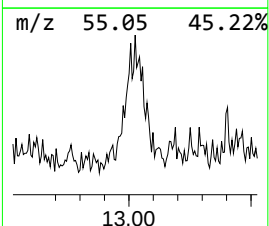
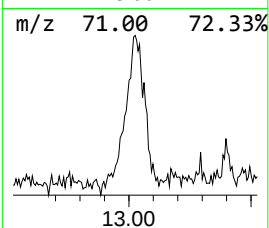
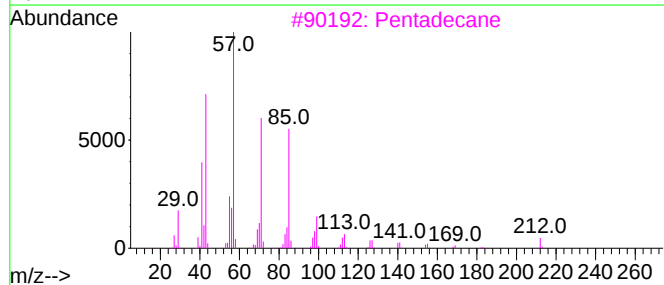
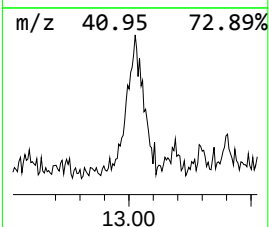
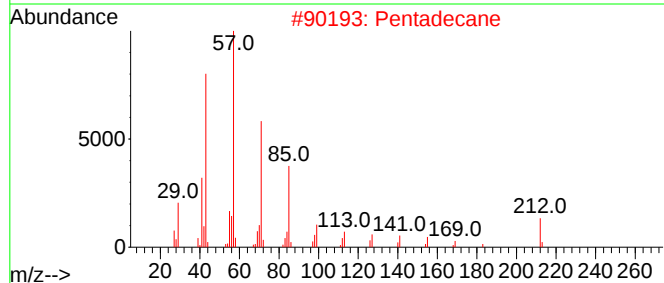
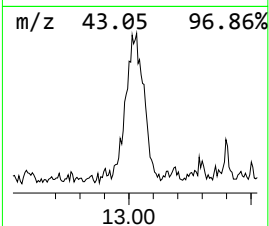
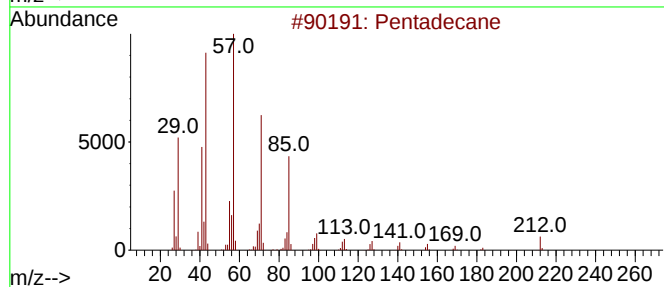
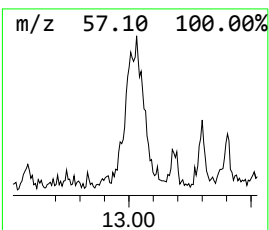
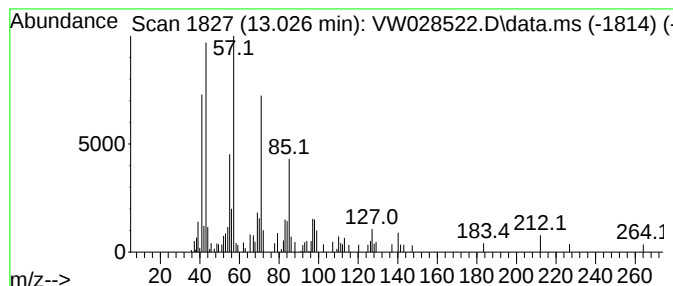
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.025 | 3.12 ug/L | 56425 | 1,4-Dichlorobenzene-d4 | 13.550 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Pentadecane                        | 212 | C15H32   | 000629-62-9  | 95   |
| 2    |    |   | Pentadecane                        | 212 | C15H32   | 000629-62-9  | 81   |
| 3    |    |   | Pentadecane                        | 212 | C15H32   | 000629-62-9  | 74   |
| 4    |    |   | Tetradecane, 1-iodo-               | 324 | C14H29I  | 019218-94-1  | 72   |
| 5    |    |   | Carbonic acid, undecyl vinyl ester | 242 | C14H26O3 | 1000382-54-9 | 72   |



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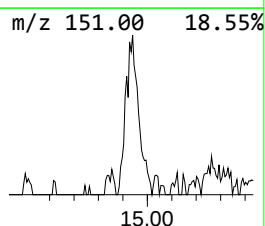
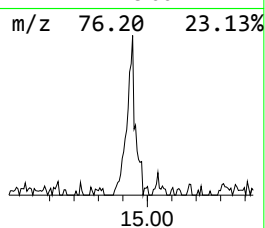
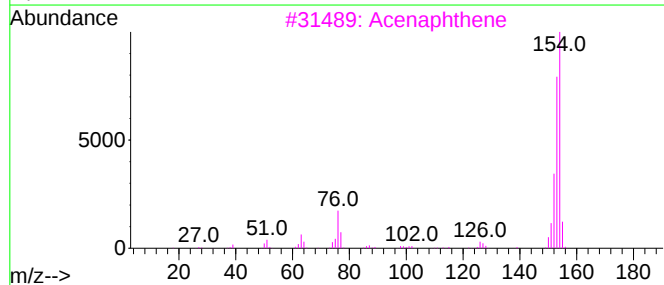
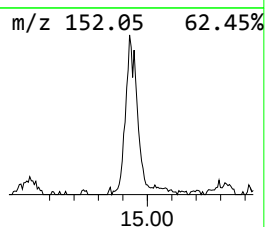
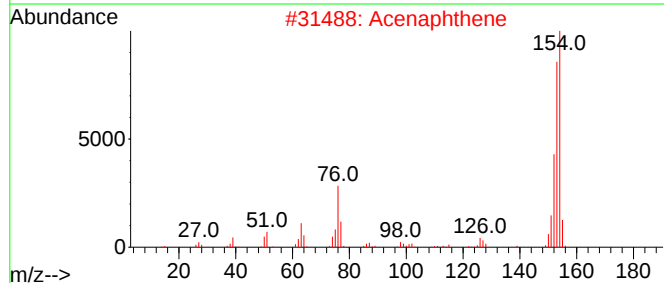
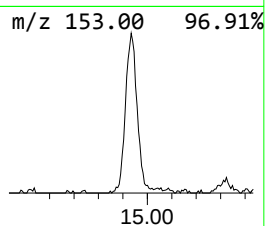
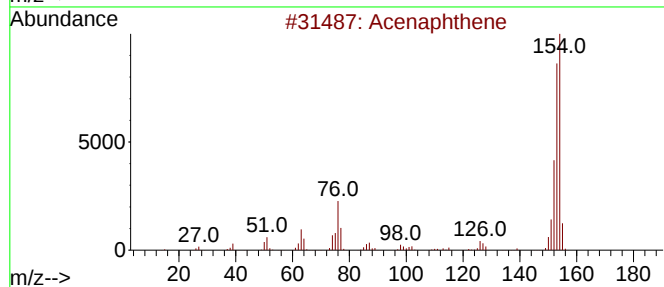
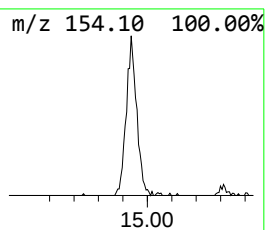
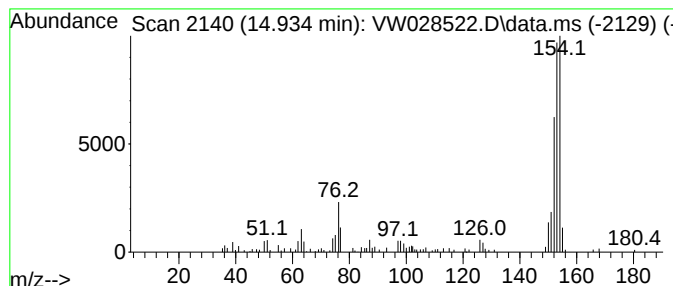
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Quant Title : SFAM01.0

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

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Peak Number 3 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 4

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.934 | 4.53 ug/L | 81819 | 1,4-Dichlorobenzene-d4 | 13.550 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Acenaphthene                        | 154 | C12H10  | 000083-32-9 | 95   |
| 2    |    |   | Acenaphthene                        | 154 | C12H10  | 000083-32-9 | 93   |
| 3    |    |   | Acenaphthene                        | 154 | C12H10  | 000083-32-9 | 81   |
| 4    |    |   | Hexa-2,4-diyn-1-ylbenzene           | 154 | C12H10  | 000520-74-1 | 68   |
| 5    |    |   | 1,4-Ethenonaphthalene, 1,4-dihydro- | 154 | C12H10  | 007322-47-6 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042324\  
Data File : VW028522.D  
Acq On : 23 Apr 2024 16:09  
Operator : SY/MD  
Sample : P2238-02  
Misc : 4.01g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E1CX6

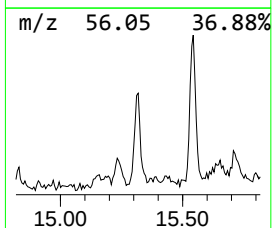
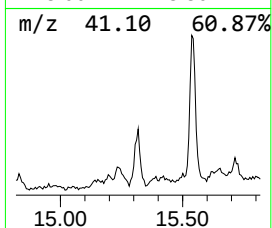
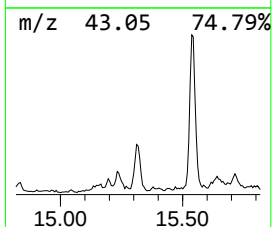
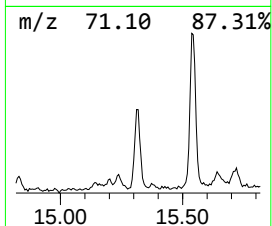
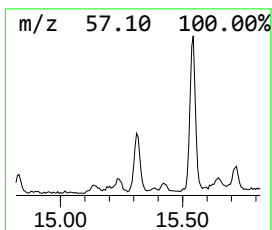
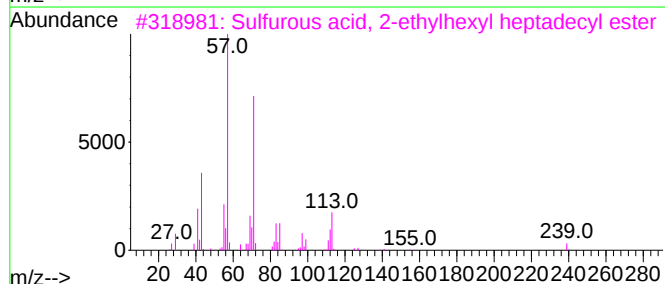
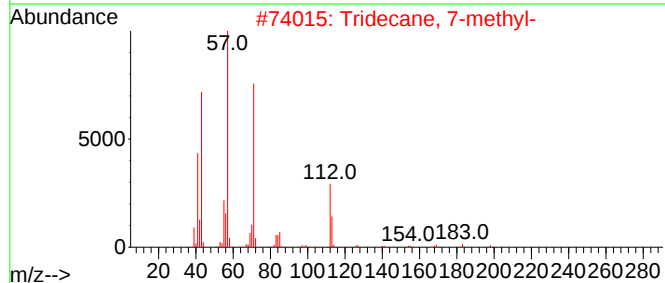
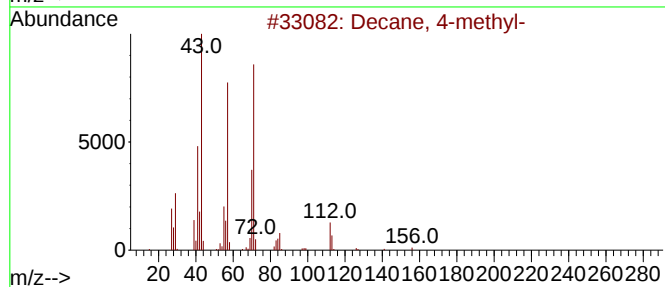
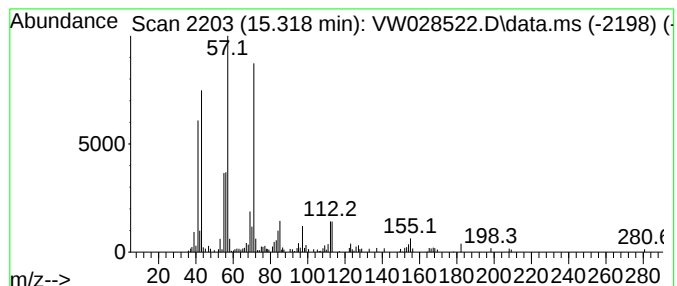
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Quant Title : SFAM01.0

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

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 15.318 | 2.69 ug/L | 48563 | 1,4-Dichlorobenzene-d4 | 13.550 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Decane, 4-methyl-                   | 156 | C11H24    | 002847-72-5  | 83   |
| 2    |    |   | Tridecane, 7-methyl-                | 198 | C14H30    | 026730-14-3  | 81   |
| 3    |    |   | Sulfurous acid, 2-ethylhexyl hep... | 432 | C25H52O3S | 1000309-20-0 | 80   |
| 4    |    |   | Decane, 4-methyl-                   | 156 | C11H24    | 002847-72-5  | 80   |
| 5    |    |   | Sulfurous acid, 2-ethylhexyl oct... | 446 | C26H54O3S | 1000309-20-1 | 80   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042324\  
Data File : VW028522.D  
Acq On : 23 Apr 2024 16:09  
Operator : SY/MD  
Sample : P2238-02  
Misc : 4.01g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E1CX6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
Quant Title : SFAM01.0

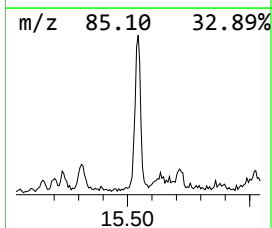
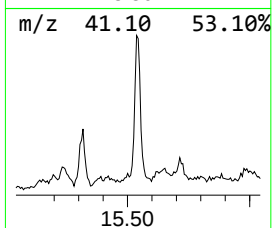
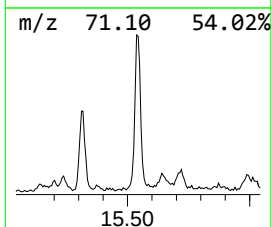
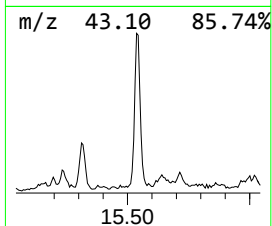
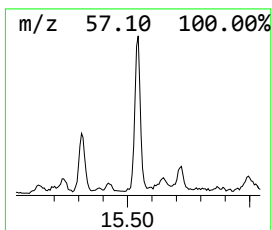
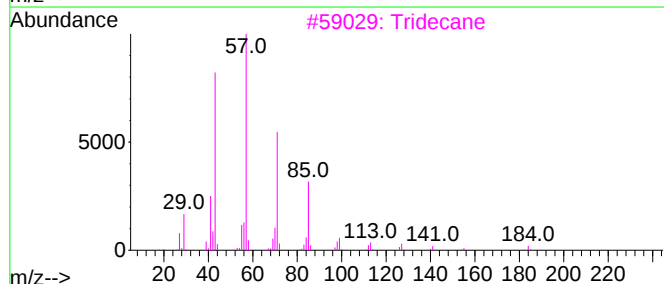
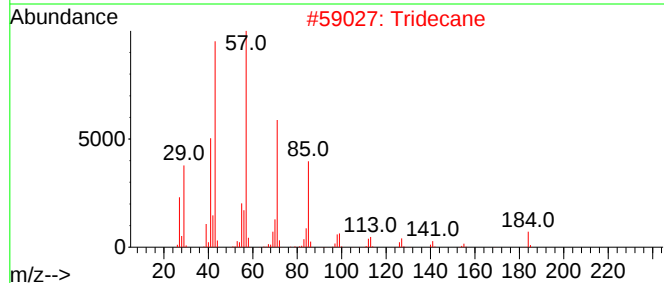
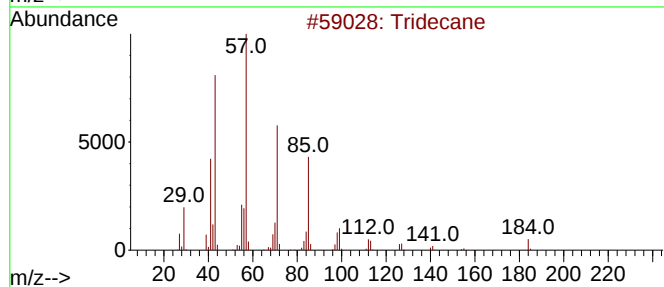
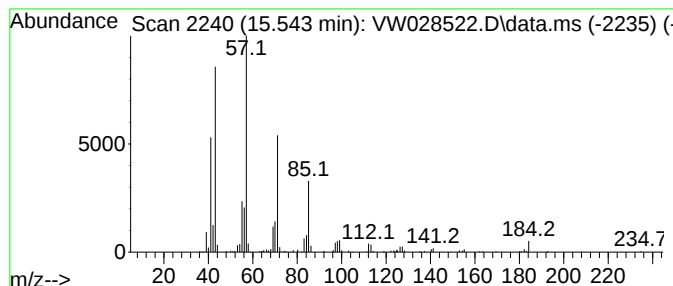
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 15.543 | 5.99 ug/L | 108243 | 1,4-Dichlorobenzene-d4 | 13.550 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 97   |
| 2    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 95   |
| 3    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 91   |
| 4    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 90   |
| 5    |    |   | Dodecane     | 170 | C12H26  | 000112-40-3 | 86   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042324\  
Data File : VW028522.D  
Acq On : 23 Apr 2024 16:09  
Operator : SY/MD  
Sample : P2238-02  
Misc : 4.01g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E1CX6

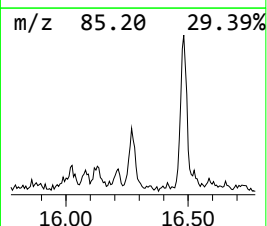
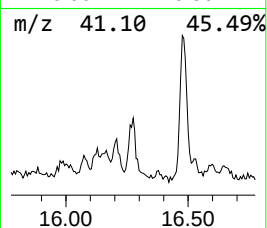
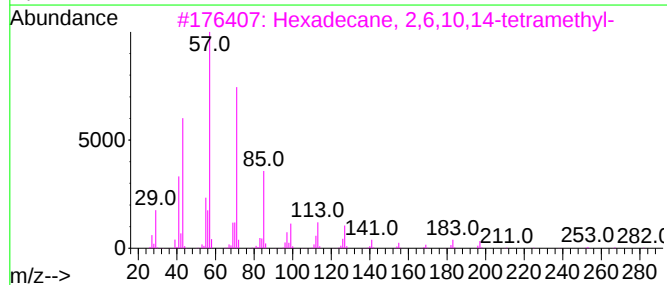
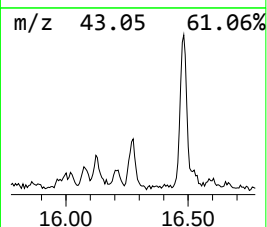
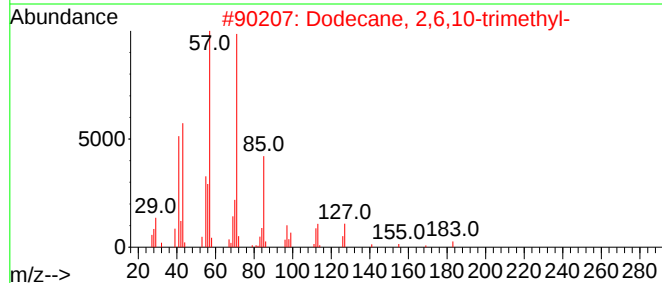
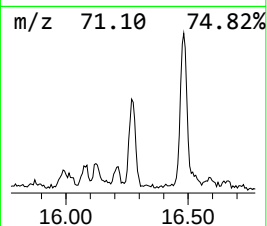
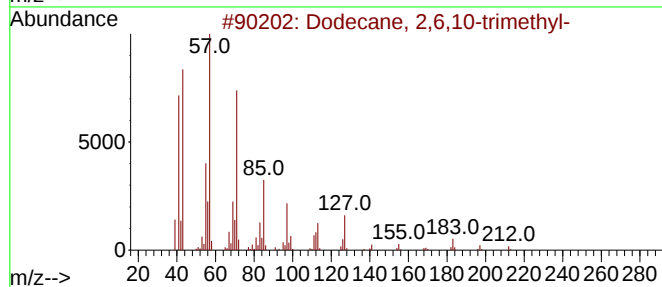
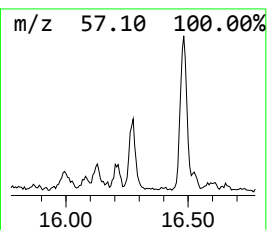
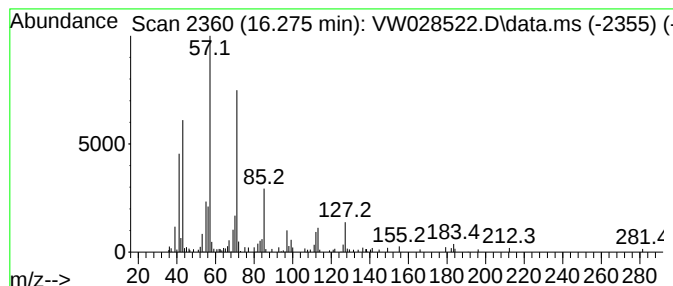
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Quant Title : SFAM01.0

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

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 16.275 | 2.79 ug/L | 50377 | 1,4-Dichlorobenzene-d4 | 13.550 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 2,6,10-trimethyl-        | 212 | C15H32  | 003891-98-3 | 93   |
| 2    |    |   | Dodecane, 2,6,10-trimethyl-        | 212 | C15H32  | 003891-98-3 | 87   |
| 3    |    |   | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42  | 000638-36-8 | 86   |
| 4    |    |   | Dodecane, 2,6,11-trimethyl-        | 212 | C15H32  | 031295-56-4 | 80   |
| 5    |    |   | Dodecane, 2,7,10-trimethyl-        | 212 | C15H32  | 074645-98-0 | 80   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042324\  
Data File : VW028522.D  
Acq On : 23 Apr 2024 16:09  
Operator : SY/MD  
Sample : P2238-02  
Misc : 4.01g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E1CX6

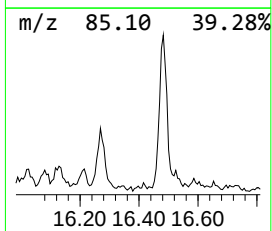
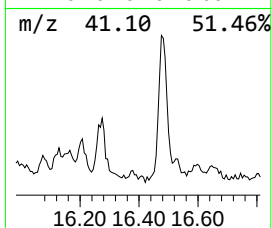
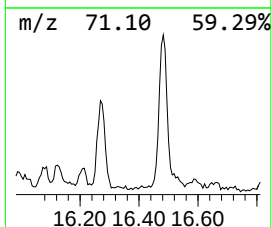
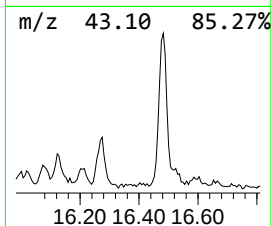
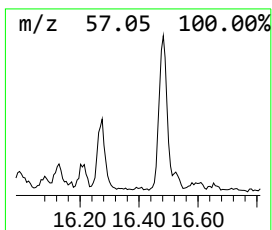
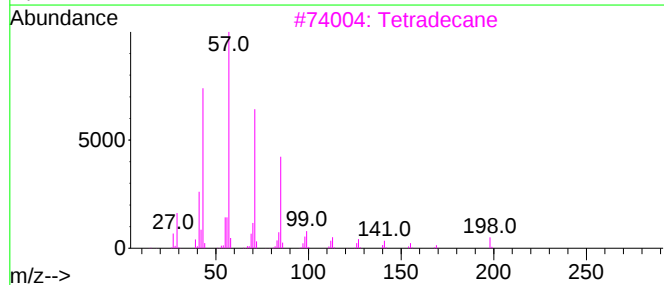
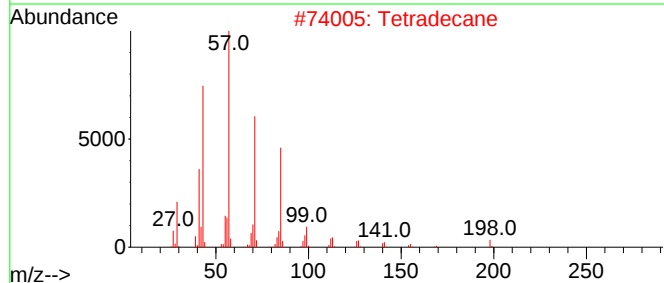
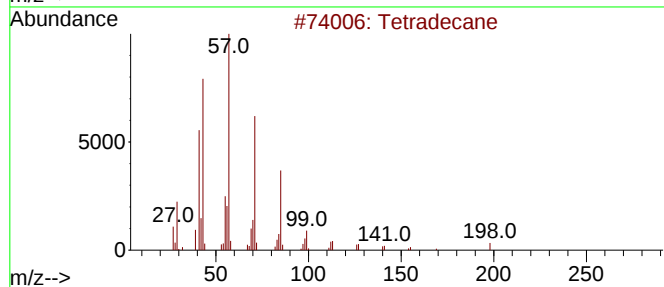
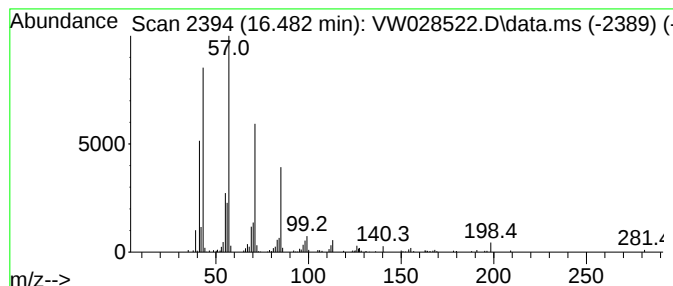
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Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 16.482 | 5.35 ug/L | 96738 | 1,4-Dichlorobenzene-d4 | 13.550 |

| Hit# | of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------|--------------|-----|---------|-------------|------|
| 1    |      | Tetradecane  | 198 | C14H30  | 000629-59-4 | 98   |
| 2    |      | Tetradecane  | 198 | C14H30  | 000629-59-4 | 96   |
| 3    |      | Tetradecane  | 198 | C14H30  | 000629-59-4 | 94   |
| 4    |      | Nonadecane   | 268 | C19H40  | 000629-92-5 | 83   |
| 5    |      | Nonadecane   | 268 | C19H40  | 000629-92-5 | 80   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042324\  
Data File : VW028522.D  
Acq On : 23 Apr 2024 16:09  
Operator : SY/MD  
Sample : P2238-02  
Misc : 4.01g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E1CX6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| (DEL) Alkane: S... | 13.025 | 3.1     | ug/L  | 56425    | 3                     | 13.550 | 451894 | 25.0 |
| Hexa-2,4-diy-1...  | 14.934 | 4.5     | ug/L  | 81819    | 3                     | 13.550 | 451894 | 25.0 |
| (DEL) Alkane: S... | 15.318 | 2.7     | ug/L  | 48563    | 3                     | 13.550 | 451894 | 25.0 |
| (DEL) Alkane: S... | 15.543 | 6.0     | ug/L  | 108243   | 3                     | 13.550 | 451894 | 25.0 |
| (DEL) Alkane: S... | 16.275 | 2.8     | ug/L  | 50377    | 3                     | 13.550 | 451894 | 25.0 |
| (DEL) Alkane: S... | 16.482 | 5.3     | ug/L  | 96738    | 3                     | 13.550 | 451894 | 25.0 |