

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061024\  
 Data File : VW029088.D  
 Acq On : 10 Jun 2024 16:50  
 Operator : SY/MD  
 Sample : P2776-16DL 2X  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4DG7DL

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\SFAMWLM060324SMA.M  
 Title : SFAM01.0

Signal : TIC: VW029088.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         | 2.161       | 41            | 45          | 46           | rBV2     | 900            | 1128          | 0.04%           | 0.004%        |
| 2         | 2.363       | 67            | 78          | 94           | rBV      | 68623          | 196116        | 6.80%           | 0.692%        |
| 3         | 2.899       | 159           | 166         | 183          | rVB2     | 45054          | 133915        | 4.64%           | 0.472%        |
| 4         | 3.265       | 224           | 226         | 228          | rVB2     | 635            | 535           | 0.02%           | 0.002%        |
| 5         | 3.295       | 229           | 231         | 234          | rBV3     | 616            | 554           | 0.02%           | 0.002%        |
| 6         | 3.381       | 242           | 245         | 247          | rBV3     | 801            | 1086          | 0.04%           | 0.004%        |
| 7         | 3.478       | 259           | 261         | 264          | rBV2     | 627            | 800           | 0.03%           | 0.003%        |
| 8         | 3.576       | 274           | 277         | 278          | rBV2     | 669            | 602           | 0.02%           | 0.002%        |
| 9         | 3.753       | 304           | 306         | 309          | rVB3     | 677            | 549           | 0.02%           | 0.002%        |
| 10        | 3.923       | 331           | 334         | 337          | rVB5     | 459            | 661           | 0.02%           | 0.002%        |
| 11        | 4.039       | 337           | 353         | 362          | rBV3     | 375018         | 1312266       | 45.49%          | 4.628%        |
| 12        | 4.448       | 417           | 420         | 425          | rVB5     | 720            | 1139          | 0.04%           | 0.004%        |
| 13        | 4.600       | 436           | 445         | 456          | rBV2     | 8676           | 28185         | 0.98%           | 0.099%        |
| 14        | 4.923       | 484           | 498         | 524          | rBV      | 125752         | 493164        | 17.10%          | 1.739%        |
| 15        | 5.161       | 534           | 537         | 540          | rVV4     | 696            | 1016          | 0.04%           | 0.004%        |
| 16        | 5.234       | 547           | 549         | 554          | rVB4     | 555            | 644           | 0.02%           | 0.002%        |
| 17        | 5.429       | 565           | 581         | 596          | rBV2     | 134161         | 439743        | 15.24%          | 1.551%        |
| 18        | 5.697       | 623           | 625         | 628          | rVB3     | 659            | 496           | 0.02%           | 0.002%        |
| 19        | 5.813       | 642           | 644         | 646          | rVB2     | 586            | 632           | 0.02%           | 0.002%        |
| 20        | 5.850       | 646           | 650         | 652          | rBV3     | 616            | 866           | 0.03%           | 0.003%        |
| 21        | 5.941       | 655           | 665         | 676          | rVV      | 10988          | 34062         | 1.18%           | 0.120%        |
| 22        | 6.112       | 691           | 693         | 699          | rVB5     | 649            | 1096          | 0.04%           | 0.004%        |
| 23        | 6.709       | 788           | 791         | 793          | rBV2     | 527            | 597           | 0.02%           | 0.002%        |
| 24        | 6.770       | 798           | 801         | 806          | rVB5     | 407            | 462           | 0.02%           | 0.002%        |
| 25        | 6.850       | 813           | 814         | 817          | rBV3     | 538            | 603           | 0.02%           | 0.002%        |
| 26        | 7.081       | 842           | 852         | 858          | rBV      | 34007          | 97728         | 3.39%           | 0.345%        |
| 27        | 7.167       | 858           | 866         | 883          | rVB2     | 171985         | 476561        | 16.52%          | 1.681%        |
| 28        | 7.532       | 921           | 926         | 928          | rVB6     | 615            | 982           | 0.03%           | 0.003%        |
| 29        | 7.569       | 930           | 932         | 935          | rVB3     | 544            | 519           | 0.02%           | 0.002%        |
| 30        | 7.648       | 935           | 945         | 959          | rBV      | 193607         | 473634        | 16.42%          | 1.670%        |
| 31        | 7.770       | 963           | 965         | 967          | rVB3     | 676            | 571           | 0.02%           | 0.002%        |
| 32        | 7.862       | 978           | 980         | 985          | rVB4     | 414            | 588           | 0.02%           | 0.002%        |
| 33        | 7.965       | 995           | 997         | 1001         | rVB4     | 474            | 667           | 0.02%           | 0.002%        |
| 34        | 8.069       | 1004          | 1014        | 1032         | rBV      | 291398         | 744924        | 25.82%          | 2.627%        |
| 35        | 8.276       | 1037          | 1048        | 1051         | rBV      | 395398         | 906566        | 31.43%          | 3.197%        |
| 36        | 8.319       | 1052          | 1055        | 1063         | rVV3     | 571923         | 1191371       | 41.30%          | 4.201%        |

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 MSVOA\_W  
 ClientSampleId :  
 A4DG7DL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

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Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060324SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 8.398  | 1063 | 1068 | 1077 | rVB  | 112788  | 243529  | 8.44%   | 0.859%  |
| 38 | 8.715  | 1118 | 1120 | 1123 | rVB3 | 600     | 541     | 0.02%   | 0.002%  |
| 39 | 8.843  | 1131 | 1141 | 1155 | rBV  | 385221  | 776191  | 26.91%  | 2.737%  |
| 40 | 9.093  | 1173 | 1182 | 1192 | rBV  | 651433  | 1298333 | 45.01%  | 4.579%  |
| 41 | 9.270  | 1203 | 1211 | 1219 | rBV  | 259612  | 530731  | 18.40%  | 1.872%  |
| 42 | 9.367  | 1219 | 1227 | 1240 | rVB  | 317211  | 631171  | 21.88%  | 2.226%  |
| 43 | 9.465  | 1240 | 1243 | 1245 | rBV4 | 559     | 643     | 0.02%   | 0.002%  |
| 44 | 9.575  | 1258 | 1261 | 1264 | rBV5 | 705     | 1101    | 0.04%   | 0.004%  |
| 45 | 9.642  | 1264 | 1272 | 1278 | rBV  | 247368  | 479106  | 16.61%  | 1.690%  |
| 46 | 9.965  | 1323 | 1325 | 1327 | rVB2 | 745     | 645     | 0.02%   | 0.002%  |
| 47 | 10.032 | 1327 | 1336 | 1338 | rBV  | 141851  | 235342  | 8.16%   | 0.830%  |
| 48 | 10.069 | 1338 | 1342 | 1350 | rVV  | 335196  | 628820  | 21.80%  | 2.218%  |
| 49 | 10.148 | 1350 | 1355 | 1358 | rVV  | 12889   | 24257   | 0.84%   | 0.086%  |
| 50 | 10.209 | 1358 | 1365 | 1376 | rVV  | 443235  | 778395  | 26.98%  | 2.745%  |
| 51 | 10.319 | 1376 | 1383 | 1392 | rVB  | 524021  | 948720  | 32.89%  | 3.346%  |
| 52 | 10.605 | 1418 | 1430 | 1439 | rBV2 | 200055  | 490477  | 17.00%  | 1.730%  |
| 53 | 10.697 | 1440 | 1445 | 1452 | rVB2 | 8763    | 16600   | 0.58%   | 0.059%  |
| 54 | 10.782 | 1452 | 1459 | 1466 | rBV  | 247891  | 432982  | 15.01%  | 1.527%  |
| 55 | 10.861 | 1466 | 1472 | 1478 | rVV2 | 424936  | 758869  | 26.31%  | 2.676%  |
| 56 | 10.922 | 1478 | 1482 | 1485 | rVV  | 132365  | 211661  | 7.34%   | 0.746%  |
| 57 | 10.965 | 1485 | 1489 | 1502 | rVB  | 178729  | 315171  | 10.93%  | 1.111%  |
| 58 | 11.123 | 1508 | 1515 | 1526 | rVB  | 104042  | 188904  | 6.55%   | 0.666%  |
| 59 | 11.233 | 1526 | 1533 | 1542 | rVB  | 44161   | 77503   | 2.69%   | 0.273%  |
| 60 | 11.507 | 1577 | 1578 | 1580 | rBV2 | 624     | 505     | 0.02%   | 0.002%  |
| 61 | 11.544 | 1582 | 1584 | 1590 | rVB5 | 825     | 1297    | 0.04%   | 0.005%  |
| 62 | 11.629 | 1590 | 1598 | 1606 | rBV  | 534131  | 910184  | 31.55%  | 3.210%  |
| 63 | 11.727 | 1606 | 1614 | 1624 | rVV  | 1823795 | 2884690 | 100.00% | 10.173% |
| 64 | 11.837 | 1624 | 1632 | 1641 | rVB  | 985202  | 1810970 | 62.78%  | 6.386%  |
| 65 | 12.160 | 1677 | 1685 | 1695 | rBV  | 135843  | 231544  | 8.03%   | 0.817%  |
| 66 | 12.343 | 1708 | 1715 | 1726 | rVB  | 106925  | 192019  | 6.66%   | 0.677%  |
| 67 | 12.464 | 1730 | 1735 | 1741 | rVB8 | 1657    | 3238    | 0.11%   | 0.011%  |
| 68 | 12.532 | 1744 | 1746 | 1750 | rVB4 | 501     | 622     | 0.02%   | 0.002%  |
| 69 | 12.599 | 1750 | 1757 | 1762 | rBV2 | 11912   | 19859   | 0.69%   | 0.070%  |
| 70 | 12.690 | 1765 | 1772 | 1779 | rBV2 | 210616  | 457360  | 15.85%  | 1.613%  |
| 71 | 12.763 | 1779 | 1784 | 1796 | rVB  | 250619  | 419673  | 14.55%  | 1.480%  |
| 72 | 12.934 | 1810 | 1812 | 1814 | rBV3 | 740     | 817     | 0.03%   | 0.003%  |
| 73 | 13.239 | 1856 | 1862 | 1869 | rVV8 | 3738    | 7184    | 0.25%   | 0.025%  |
| 74 | 13.373 | 1883 | 1884 | 1886 | rBV2 | 600     | 560     | 0.02%   | 0.002%  |
| 75 | 13.495 | 1894 | 1904 | 1909 | rBV  | 839710  | 1350676 | 46.82%  | 4.763%  |
| 76 | 13.556 | 1909 | 1914 | 1925 | rVB2 | 647125  | 1434427 | 49.73%  | 5.058%  |

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 Misc : 5.00g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4DG7DL

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\SFAMWLM060324SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 77  | 13.757 | 1942 | 1947 | 1952 | rVB8 | 1298    | 3008    | 0.10%  | 0.011% |
| 78  | 13.861 | 1952 | 1964 | 1976 | rBV2 | 1080190 | 2212162 | 76.69% | 7.801% |
| 79  | 13.970 | 1981 | 1982 | 1985 | rVB3 | 704     | 522     | 0.02%  | 0.002% |
| 80  | 14.056 | 1991 | 1996 | 2002 | rBV2 | 14912   | 25970   | 0.90%  | 0.092% |
| 81  | 14.232 | 2022 | 2025 | 2026 | rBV2 | 512     | 464     | 0.02%  | 0.002% |
| 82  | 14.330 | 2036 | 2041 | 2047 | rVV6 | 1546    | 2981    | 0.10%  | 0.011% |
| 83  | 14.476 | 2059 | 2065 | 2075 | rVB2 | 31109   | 55972   | 1.94%  | 0.197% |
| 84  | 14.629 | 2086 | 2090 | 2091 | rVV4 | 642     | 792     | 0.03%  | 0.003% |
| 85  | 14.708 | 2099 | 2103 | 2105 | rBV4 | 841     | 1240    | 0.04%  | 0.004% |
| 86  | 14.732 | 2105 | 2107 | 2111 | rVB5 | 618     | 709     | 0.02%  | 0.003% |
| 87  | 14.787 | 2114 | 2116 | 2120 | rBV3 | 458     | 738     | 0.03%  | 0.003% |
| 88  | 14.824 | 2120 | 2122 | 2123 | rVV2 | 603     | 475     | 0.02%  | 0.002% |
| 89  | 15.123 | 2169 | 2171 | 2176 | rVB6 | 834     | 1255    | 0.04%  | 0.004% |
| 90  | 15.177 | 2176 | 2180 | 2182 | rBV5 | 1000    | 1306    | 0.05%  | 0.005% |
| 91  | 15.360 | 2201 | 2210 | 2218 | rBV  | 393163  | 694007  | 24.06% | 2.447% |
| 92  | 15.476 | 2225 | 2229 | 2234 | rVB  | 3770    | 7754    | 0.27%  | 0.027% |
| 93  | 15.555 | 2239 | 2242 | 2246 | rVB6 | 700     | 1001    | 0.03%  | 0.004% |
| 94  | 15.787 | 2275 | 2280 | 2282 | rBV6 | 1239    | 2075    | 0.07%  | 0.007% |
| 95  | 15.909 | 2299 | 2300 | 2302 | rVB2 | 655     | 467     | 0.02%  | 0.002% |
| 96  | 15.939 | 2302 | 2305 | 2308 | rBV5 | 794     | 1165    | 0.04%  | 0.004% |
| 97  | 16.007 | 2314 | 2316 | 2318 | rBV2 | 539     | 559     | 0.02%  | 0.002% |
| 98  | 16.537 | 2401 | 2403 | 2406 | rBV4 | 440     | 544     | 0.02%  | 0.002% |
| 99  | 16.659 | 2422 | 2423 | 2426 | rVB3 | 807     | 745     | 0.03%  | 0.003% |
| 100 | 16.775 | 2440 | 2442 | 2444 | rBV3 | 521     | 569     | 0.02%  | 0.002% |

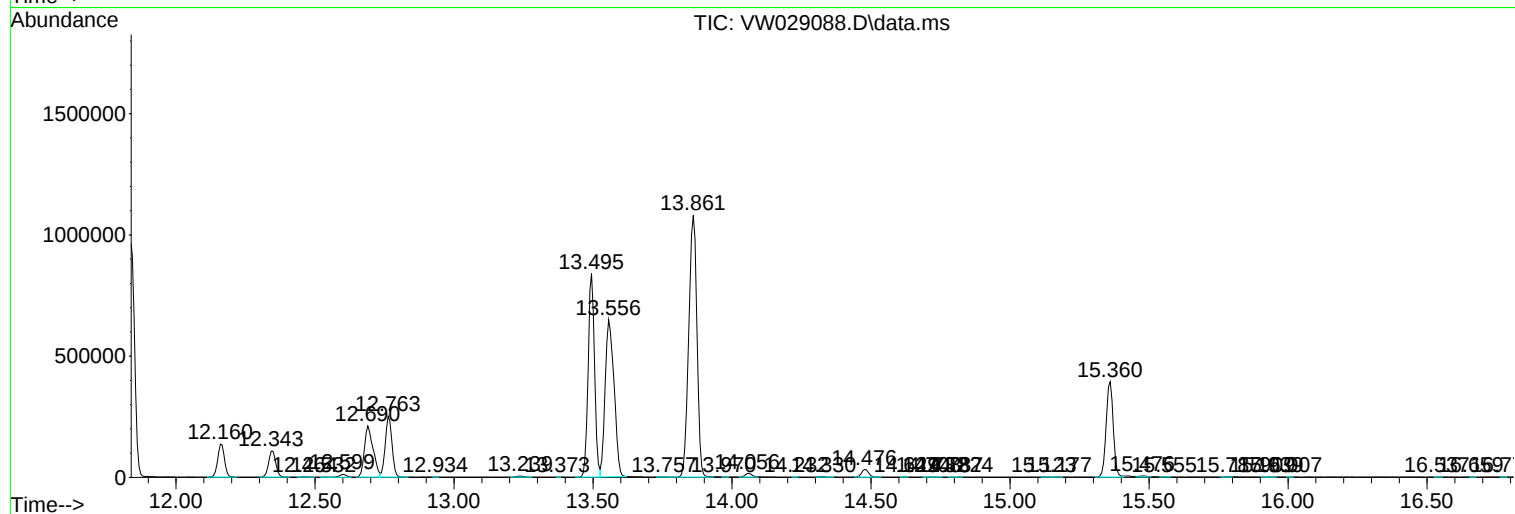
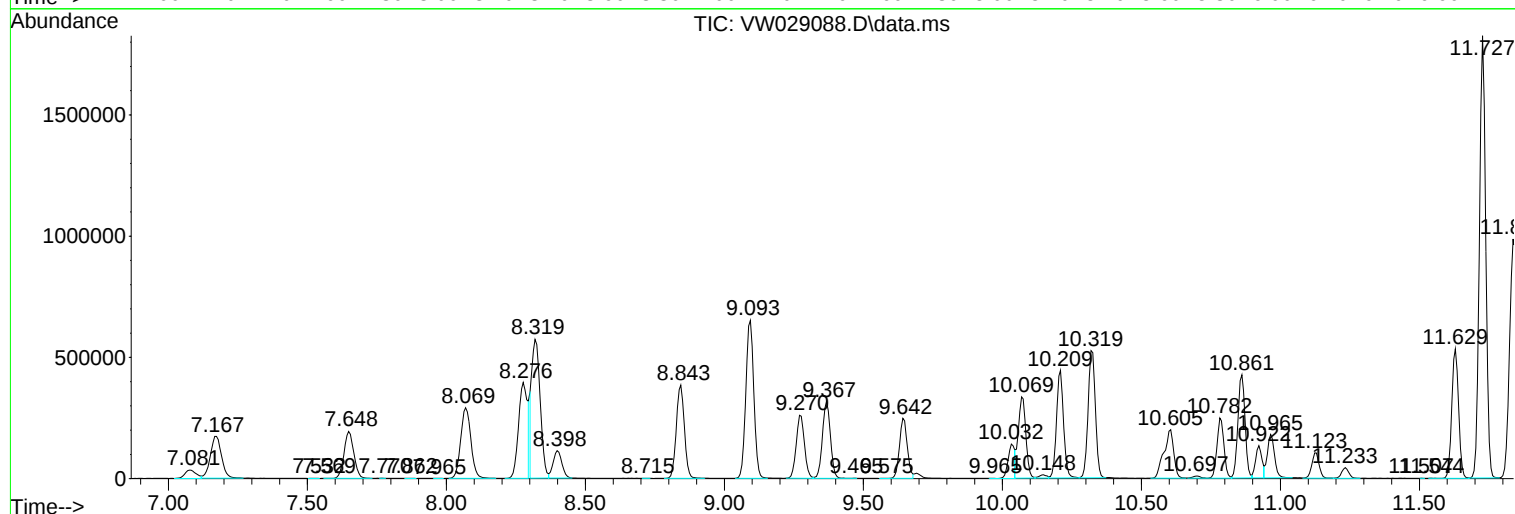
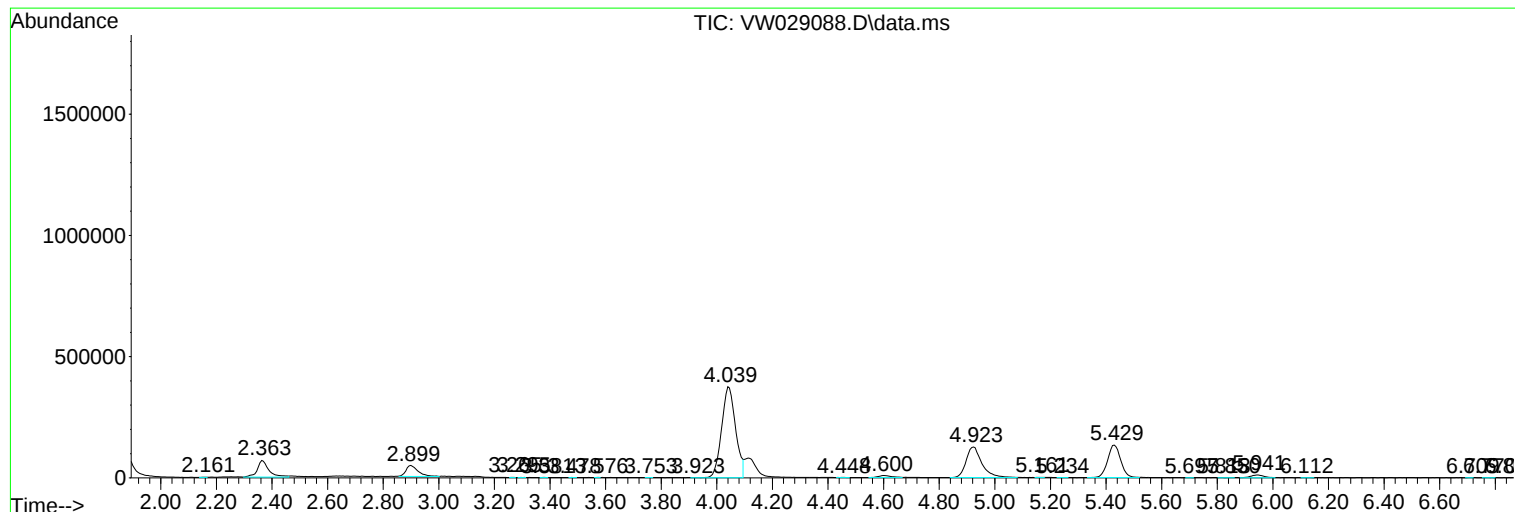
Sum of corrected areas: 28356825

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ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
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A4DG7DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060324SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061024\  
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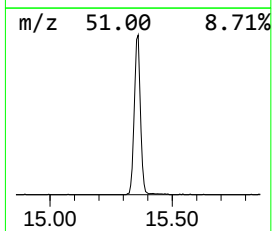
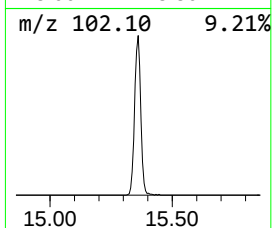
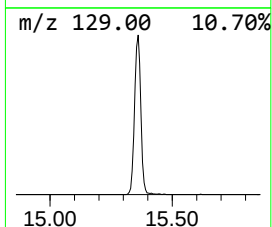
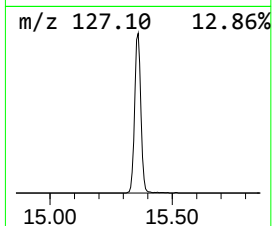
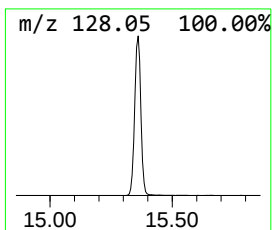
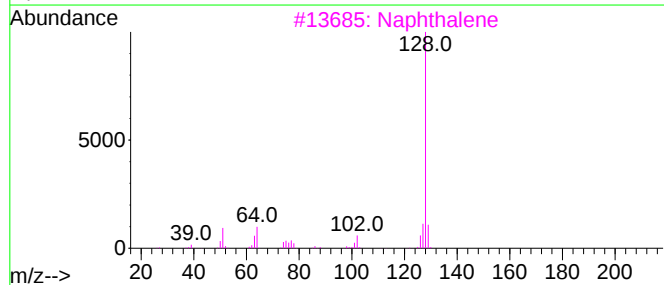
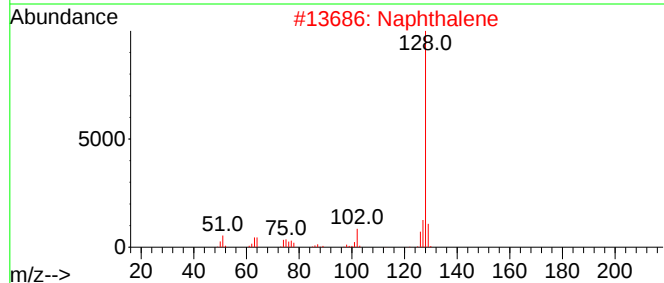
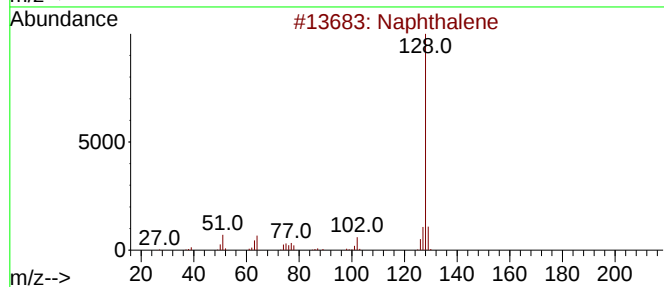
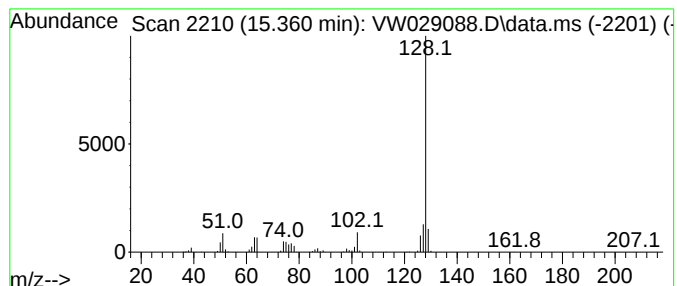
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060324SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 1 Azulene Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.360 | 12.10 ug/L | 694007 | 1,4-Dichlorobenzene-d4 | 13.556 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene  | 128 | C10H8   | 000091-20-3 | 95   |
| 2    |    |   | Naphthalene  | 128 | C10H8   | 000091-20-3 | 95   |
| 3    |    |   | Naphthalene  | 128 | C10H8   | 000091-20-3 | 93   |
| 4    |    |   | Azulene      | 128 | C10H8   | 000275-51-4 | 91   |
| 5    |    |   | Naphthalene  | 128 | C10H8   | 000091-20-3 | 91   |



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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 |
| Azulene          | 15.360 | 12.1    | ug/L  | 694007   | 3                     | 13.556 | 1434430 | 25.0 |