

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW120221\  
 Data File : VW021013.D  
 Acq On : 02 Dec 2021 00:40  
 Operator : SY/VA  
 Sample : M4881-01  
 Misc : 5.60g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW9D7

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\SFAMWLM111521SMA.M  
 Title : SFAM01.0

Signal : TIC: VW021013.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         | 2.355       | 69            | 74          | 82           | rVB      | 31196          | 48098         | 12.74%          | 1.861%        |
| 2         | 2.891       | 155           | 162         | 171          | rVB      | 16304          | 33514         | 8.88%           | 1.297%        |
| 3         | 3.385       | 238           | 243         | 251          | rVB3     | 667            | 1342          | 0.36%           | 0.052%        |
| 4         | 4.019       | 336           | 347         | 359          | rBV      | 39592          | 111846        | 29.62%          | 4.327%        |
| 5         | 4.129       | 359           | 365         | 372          | rVB2     | 660            | 1534          | 0.41%           | 0.059%        |
| 6         | 4.239       | 381           | 383         | 384          | rBV      | 290            | 267           | 0.07%           | 0.010%        |
| 7         | 4.385       | 399           | 407         | 420          | rVV2     | 3008           | 9214          | 2.44%           | 0.356%        |
| 8         | 4.915       | 483           | 494         | 510          | rVB3     | 10104          | 32949         | 8.73%           | 1.275%        |
| 9         | 5.141       | 528           | 531         | 532          | rBV      | 227            | 252           | 0.07%           | 0.010%        |
| 10        | 5.434       | 572           | 579         | 584          | rBV4     | 343            | 757           | 0.20%           | 0.029%        |
| 11        | 5.610       | 605           | 608         | 610          | rBV      | 163            | 207           | 0.05%           | 0.008%        |
| 12        | 5.629       | 610           | 611         | 614          | rVB      | 210            | 172           | 0.05%           | 0.007%        |
| 13        | 5.708       | 620           | 624         | 626          | rBB      | 168            | 197           | 0.05%           | 0.008%        |
| 14        | 5.940       | 656           | 662         | 671          | rVB4     | 998            | 2907          | 0.77%           | 0.112%        |
| 15        | 6.062       | 679           | 682         | 684          | rBB      | 172            | 170           | 0.05%           | 0.007%        |
| 16        | 6.092       | 684           | 687         | 692          | rBV2     | 142            | 333           | 0.09%           | 0.013%        |
| 17        | 6.226       | 706           | 709         | 710          | rBV      | 154            | 173           | 0.05%           | 0.007%        |
| 18        | 6.360       | 728           | 731         | 734          | rBV      | 177            | 282           | 0.07%           | 0.011%        |
| 19        | 6.452       | 744           | 746         | 747          | rBV      | 155            | 161           | 0.04%           | 0.006%        |
| 20        | 6.513       | 754           | 756         | 759          | rVV2     | 118            | 172           | 0.05%           | 0.007%        |
| 21        | 6.690       | 781           | 785         | 787          | rBV      | 177            | 213           | 0.06%           | 0.008%        |
| 22        | 6.757       | 790           | 796         | 797          | rBV      | 167            | 290           | 0.08%           | 0.011%        |
| 23        | 6.885       | 816           | 817         | 821          | rVB      | 152            | 165           | 0.04%           | 0.006%        |
| 24        | 6.988       | 827           | 834         | 835          | rBV2     | 633            | 1232          | 0.33%           | 0.048%        |
| 25        | 7.074       | 840           | 848         | 852          | rBV      | 8665           | 21976         | 5.82%           | 0.850%        |
| 26        | 7.378       | 894           | 898         | 901          | rBV      | 182            | 177           | 0.05%           | 0.007%        |
| 27        | 7.482       | 913           | 915         | 918          | rBB      | 166            | 157           | 0.04%           | 0.006%        |
| 28        | 7.513       | 918           | 920         | 922          | rBV      | 162            | 213           | 0.06%           | 0.008%        |
| 29        | 7.561       | 925           | 928         | 930          | rBV      | 129            | 178           | 0.05%           | 0.007%        |
| 30        | 7.647       | 933           | 942         | 954          | rVV      | 70467          | 170634        | 45.19%          | 6.602%        |
| 31        | 7.958       | 986           | 993         | 1000         | rVB3     | 928            | 2258          | 0.60%           | 0.087%        |
| 32        | 8.031       | 1003          | 1005        | 1010         | rVB2     | 207            | 262           | 0.07%           | 0.010%        |
| 33        | 8.183       | 1027          | 1030        | 1032         | rBV      | 166            | 237           | 0.06%           | 0.009%        |
| 34        | 8.275       | 1032          | 1045        | 1058         | rBV2     | 125317         | 377581        | 100.00%         | 14.608%       |
| 35        | 8.403       | 1060          | 1066        | 1073         | rBV3     | 4239           | 10195         | 2.70%           | 0.394%        |
| 36        | 8.842       | 1130          | 1138        | 1147         | rVV      | 144137         | 279704        | 74.08%          | 10.822%       |

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 ClientSampleId :  
 EW9D7

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\SFAMWLM111521SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 9.085  | 1171 | 1178 | 1184 | rBB6 | 1905   | 3938   | 1.04%  | 0.152% |
| 38 | 9.274  | 1200 | 1209 | 1216 | rBV  | 85411  | 173866 | 46.05% | 6.727% |
| 39 | 9.396  | 1226 | 1229 | 1232 | rBB  | 165    | 245    | 0.06%  | 0.009% |
| 40 | 9.433  | 1234 | 1235 | 1239 | rVV2 | 147    | 189    | 0.05%  | 0.007% |
| 41 | 9.518  | 1246 | 1249 | 1253 | rVB  | 108    | 157    | 0.04%  | 0.006% |
| 42 | 9.665  | 1269 | 1273 | 1275 | rBV  | 288    | 376    | 0.10%  | 0.015% |
| 43 | 9.726  | 1279 | 1283 | 1284 | rBB  | 170    | 162    | 0.04%  | 0.006% |
| 44 | 9.756  | 1285 | 1288 | 1291 | rBV  | 393    | 386    | 0.10%  | 0.015% |
| 45 | 9.896  | 1307 | 1311 | 1312 | rBV2 | 367    | 443    | 0.12%  | 0.017% |
| 46 | 10.037 | 1326 | 1334 | 1344 | rVB  | 35793  | 63671  | 16.86% | 2.463% |
| 47 | 10.110 | 1344 | 1346 | 1349 | rVB2 | 150    | 155    | 0.04%  | 0.006% |
| 48 | 10.213 | 1355 | 1363 | 1366 | rBV4 | 810    | 1288   | 0.34%  | 0.050% |
| 49 | 10.250 | 1366 | 1369 | 1370 | rVB2 | 166    | 153    | 0.04%  | 0.006% |
| 50 | 10.323 | 1373 | 1381 | 1387 | rVV  | 139575 | 246135 | 65.19% | 9.523% |
| 51 | 10.390 | 1387 | 1392 | 1399 | rVB2 | 14395  | 25453  | 6.74%  | 0.985% |
| 52 | 10.469 | 1402 | 1405 | 1406 | rVV  | 213    | 190    | 0.05%  | 0.007% |
| 53 | 10.494 | 1406 | 1409 | 1416 | rVB3 | 395    | 761    | 0.20%  | 0.029% |
| 54 | 10.579 | 1416 | 1423 | 1429 | rBV  | 18815  | 31142  | 8.25%  | 1.205% |
| 55 | 10.658 | 1434 | 1436 | 1437 | rBV  | 310    | 305    | 0.08%  | 0.012% |
| 56 | 10.701 | 1437 | 1443 | 1450 | rVB  | 19978  | 33226  | 8.80%  | 1.286% |
| 57 | 10.786 | 1455 | 1457 | 1460 | rVB  | 155    | 173    | 0.05%  | 0.007% |
| 58 | 10.860 | 1463 | 1469 | 1473 | rBV2 | 1330   | 1929   | 0.51%  | 0.075% |
| 59 | 10.921 | 1473 | 1479 | 1488 | rBV  | 30083  | 51553  | 13.65% | 1.995% |
| 60 | 11.061 | 1496 | 1502 | 1513 | rVV  | 12025  | 20652  | 5.47%  | 0.799% |
| 61 | 11.177 | 1517 | 1521 | 1525 | rBV3 | 1263   | 1942   | 0.51%  | 0.075% |
| 62 | 11.231 | 1525 | 1530 | 1534 | rVB3 | 1088   | 1865   | 0.49%  | 0.072% |
| 63 | 11.341 | 1545 | 1548 | 1552 | rBB2 | 403    | 519    | 0.14%  | 0.020% |
| 64 | 11.439 | 1556 | 1564 | 1570 | rVB2 | 21685  | 35708  | 9.46%  | 1.382% |
| 65 | 11.634 | 1589 | 1596 | 1604 | rVV  | 117296 | 203239 | 53.83% | 7.863% |
| 66 | 11.689 | 1604 | 1605 | 1607 | rVV  | 176    | 168    | 0.04%  | 0.006% |
| 67 | 11.731 | 1607 | 1612 | 1620 | rVV  | 4785   | 7590   | 2.01%  | 0.294% |
| 68 | 11.835 | 1622 | 1629 | 1638 | rVV  | 17303  | 30987  | 8.21%  | 1.199% |
| 69 | 11.914 | 1638 | 1642 | 1645 | rVV2 | 335    | 558    | 0.15%  | 0.022% |
| 70 | 12.164 | 1674 | 1683 | 1689 | rVB  | 8824   | 15665  | 4.15%  | 0.606% |
| 71 | 12.250 | 1693 | 1697 | 1700 | rBV2 | 804    | 1100   | 0.29%  | 0.043% |
| 72 | 12.292 | 1702 | 1704 | 1705 | rBV2 | 280    | 255    | 0.07%  | 0.010% |
| 73 | 12.347 | 1708 | 1713 | 1714 | rBV3 | 901    | 1322   | 0.35%  | 0.051% |
| 74 | 12.463 | 1728 | 1732 | 1737 | rBV4 | 2304   | 4252   | 1.13%  | 0.165% |
| 75 | 12.603 | 1749 | 1755 | 1762 | rVB2 | 82874  | 134324 | 35.57% | 5.197% |
| 76 | 12.695 | 1764 | 1770 | 1776 | rVB  | 45360  | 74447  | 19.72% | 2.880% |

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 EW9D7

Integration Parameters: LSCINT.P

Integrator: RTE

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Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

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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\SFAMWLM111521SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |       |       |        |        |
|-----|--------|------|------|------|------|-------|-------|--------|--------|
| 77  | 12.774 | 1776 | 1783 | 1787 | rBV3 | 1646  | 3792  | 1.00%  | 0.147% |
| 78  | 12.859 | 1792 | 1797 | 1801 | rBV  | 3444  | 6767  | 1.79%  | 0.262% |
| 79  | 12.938 | 1806 | 1810 | 1816 | rVB3 | 7037  | 11824 | 3.13%  | 0.457% |
| 80  | 13.036 | 1822 | 1826 | 1828 | rBV  | 594   | 673   | 0.18%  | 0.026% |
| 81  | 13.164 | 1843 | 1847 | 1855 | rVV4 | 2565  | 5486  | 1.45%  | 0.212% |
| 82  | 13.249 | 1856 | 1861 | 1864 | rVV  | 10518 | 16292 | 4.31%  | 0.630% |
| 83  | 13.292 | 1864 | 1868 | 1875 | rVB2 | 14151 | 21757 | 5.76%  | 0.842% |
| 84  | 13.554 | 1906 | 1911 | 1924 | rBV2 | 40159 | 76991 | 20.39% | 2.979% |
| 85  | 13.755 | 1940 | 1944 | 1948 | rBV4 | 3552  | 6422  | 1.70%  | 0.248% |
| 86  | 13.853 | 1954 | 1960 | 1968 | rBV  | 36535 | 65982 | 17.47% | 2.553% |
| 87  | 14.066 | 1989 | 1995 | 2003 | rVB2 | 25056 | 45723 | 12.11% | 1.769% |
| 88  | 14.200 | 2013 | 2017 | 2021 | rBV4 | 1900  | 2709  | 0.72%  | 0.105% |
| 89  | 14.450 | 2057 | 2058 | 2063 | rVB4 | 660   | 621   | 0.16%  | 0.024% |
| 90  | 14.719 | 2098 | 2102 | 2108 | rVB2 | 4517  | 6578  | 1.74%  | 0.255% |
| 91  | 15.243 | 2186 | 2188 | 2191 | rVB2 | 274   | 206   | 0.05%  | 0.008% |
| 92  | 15.365 | 2202 | 2208 | 2211 | rBV2 | 1588  | 2537  | 0.67%  | 0.098% |
| 93  | 15.432 | 2214 | 2219 | 2223 | rVV2 | 9942  | 15517 | 4.11%  | 0.600% |
| 94  | 15.487 | 2223 | 2228 | 2233 | rVB  | 6569  | 11064 | 2.93%  | 0.428% |
| 95  | 15.596 | 2243 | 2246 | 2247 | rBV2 | 205   | 213   | 0.06%  | 0.008% |
| 96  | 15.682 | 2258 | 2260 | 2266 | rVB3 | 394   | 587   | 0.16%  | 0.023% |
| 97  | 15.755 | 2269 | 2272 | 2276 | rBV2 | 379   | 712   | 0.19%  | 0.028% |
| 98  | 15.840 | 2283 | 2286 | 2288 | rVB  | 444   | 470   | 0.12%  | 0.018% |
| 99  | 15.920 | 2298 | 2299 | 2301 | rBV2 | 202   | 157   | 0.04%  | 0.006% |
| 100 | 16.432 | 2379 | 2383 | 2388 | rVB  | 829   | 1084  | 0.29%  | 0.042% |

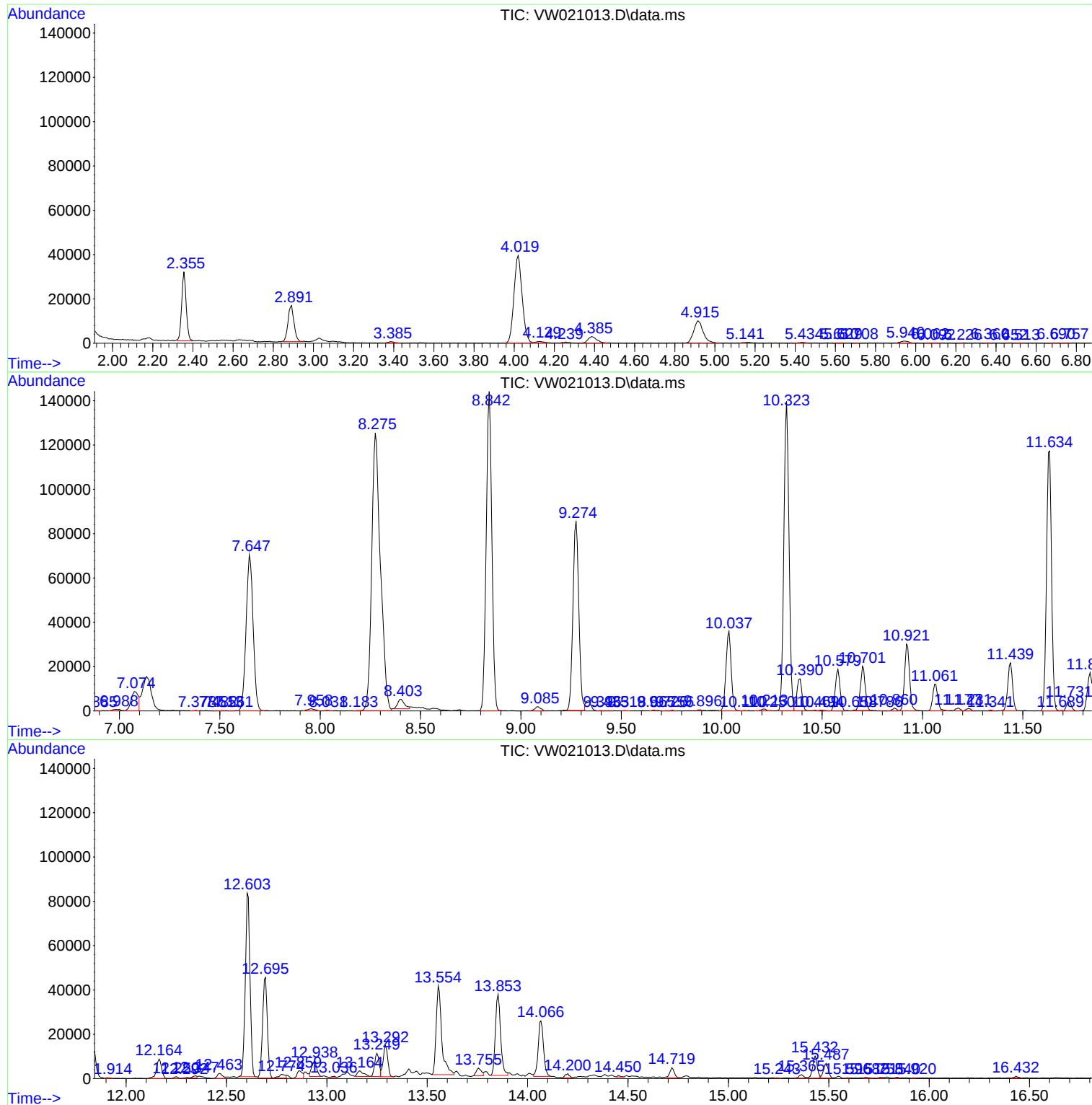
Sum of corrected areas: 2584672

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Sample : M4881-01  
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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM111521SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW120221\  
Data File : VW021013.D  
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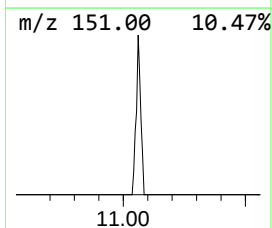
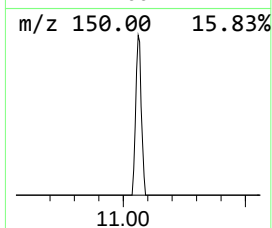
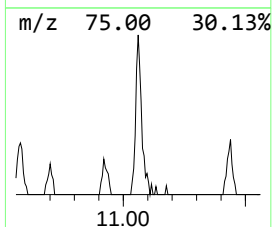
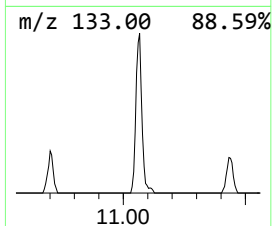
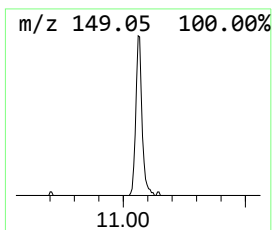
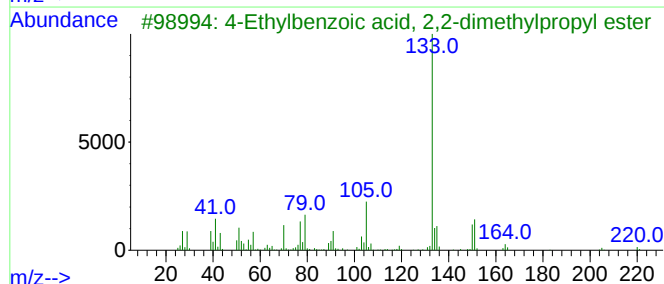
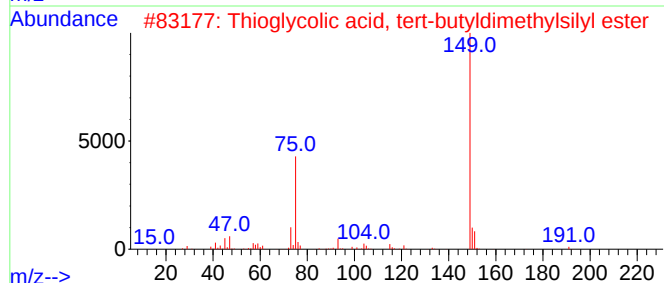
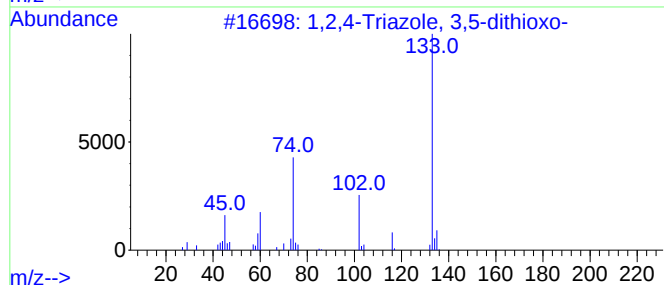
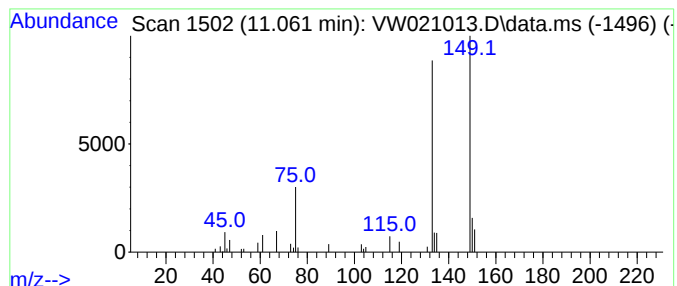
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM111521SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 3 unknown-01 Concentration Rank 8

| R.T.   | EstConc   | Area  | Relative to ISTD | R.T.   |
|--------|-----------|-------|------------------|--------|
| 11.061 | 2.54 ug/L | 20652 | Chlorobenzene-d5 | 11.634 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 1,2,4-Triazole, 3,5-dithioxo-       | 133 | C2H3N3S2   | 005650-03-3  | 30   |
| 2    |    |   | Thioglycolic acid, tert-butyldim... | 206 | C8H18O2SSi | 1000476-01-2 | 23   |
| 3    |    |   | 4-Ethylbenzoic acid, 2,2-dimethy... | 220 | C14H20O2   | 1000293-49-5 | 23   |
| 4    |    |   | 4-Ethylbenzoic acid, 2-ethoxyeth... | 222 | C13H18O3   | 1000331-30-9 | 17   |
| 5    |    |   | 1H-Benzotriazole, 5-methoxy-        | 149 | C7H7N3O    | 027799-91-3  | 17   |



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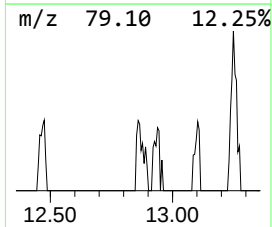
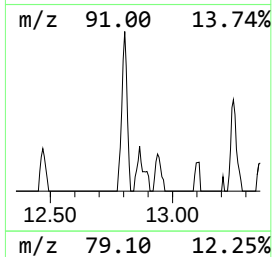
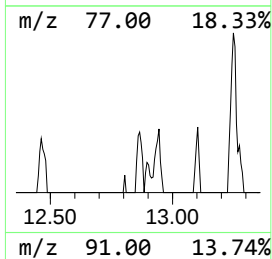
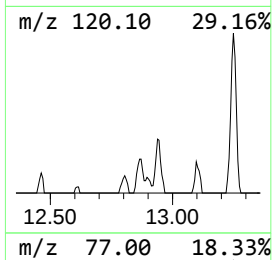
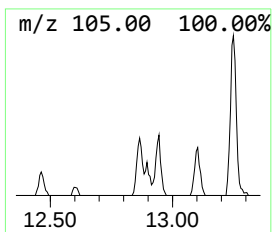
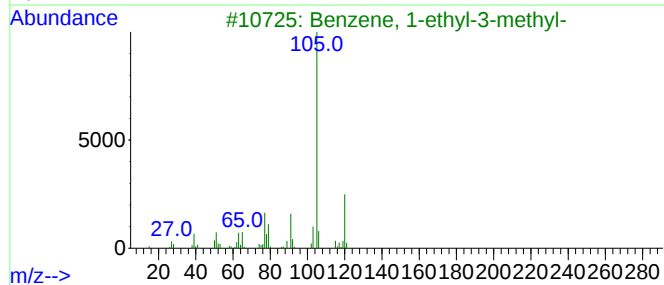
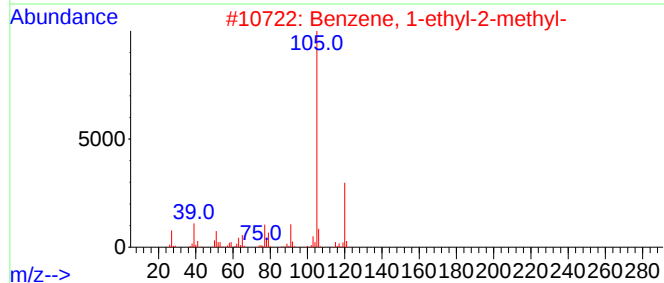
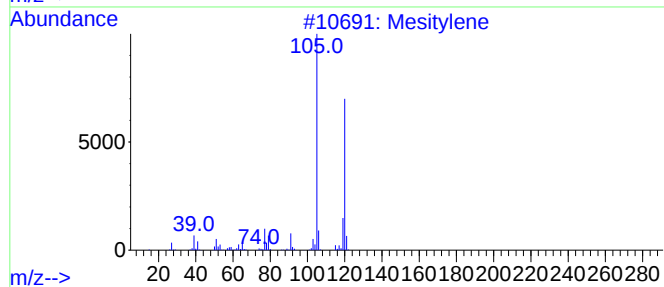
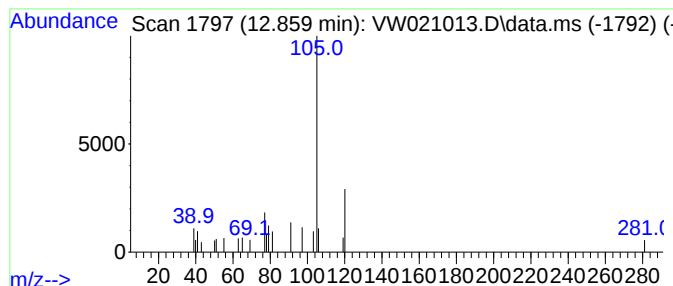
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM111521SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 12.859 | 2.20 ug/L | 6767 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 68   |
| 2    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 64   |
| 3    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 64   |
| 4    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 64   |
| 5    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW120221\  
Data File : VW021013.D  
Acq On : 02 Dec 2021 00:40  
Operator : SY/VA  
Sample : M4881-01  
Misc : 5.60g/10.0mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EW9D7

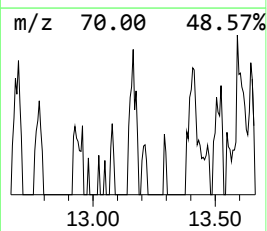
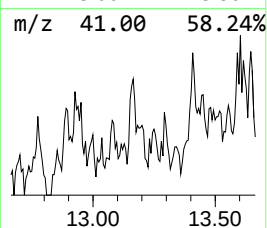
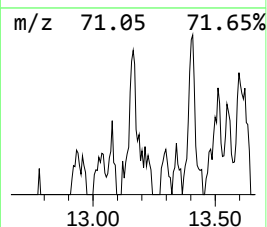
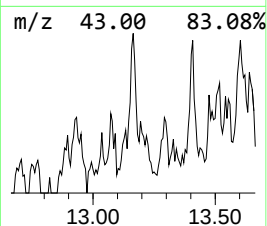
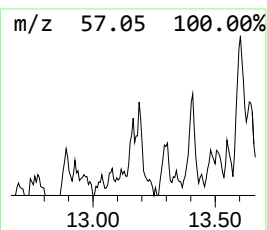
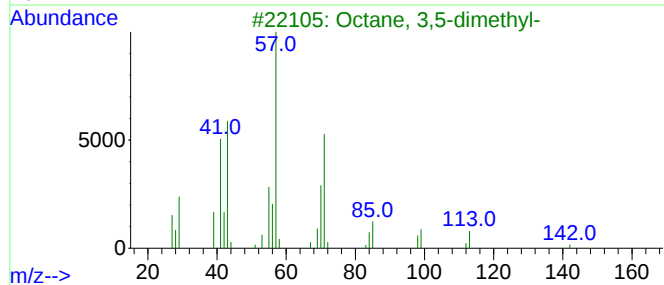
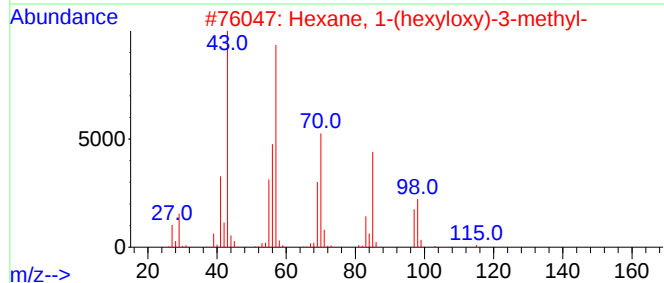
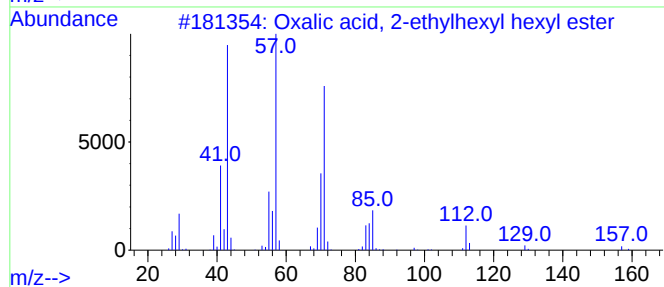
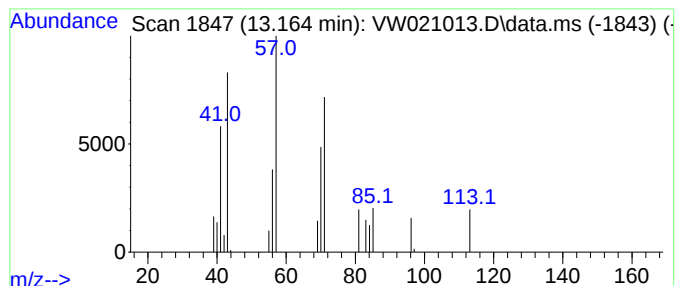
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Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 7 Oxalic acid, 2-ethylhexyl h... Concentration Rank 12

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 13.164 | 1.78 ug/L | 5486 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Oxalic acid, 2-ethylhexyl hexyl ... | 286 | C16H30O4  | 1000309-38-9 | 50   |
| 2    |    |   | Hexane, 1-(hexyloxy)-3-methyl-      | 200 | C13H28O   | 074421-18-4  | 47   |
| 3    |    |   | Octane, 3,5-dimethyl-               | 142 | C10H22    | 015869-93-9  | 45   |
| 4    |    |   | Octane, 2,6-dimethyl-               | 142 | C10H22    | 002051-30-1  | 40   |
| 5    |    |   | Sulfurous acid, 2-ethylhexyl hep... | 432 | C25H52O3S | 1000309-20-0 | 38   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW120221\  
Data File : VW021013.D  
Acq On : 02 Dec 2021 00:40  
Operator : SY/VA  
Sample : M4881-01  
Misc : 5.60g/10.0mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EW9D7

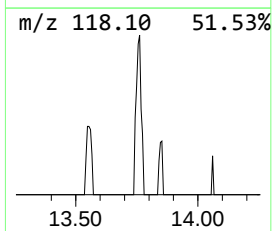
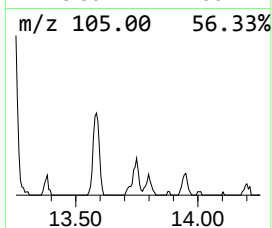
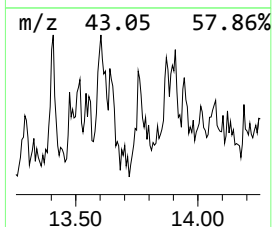
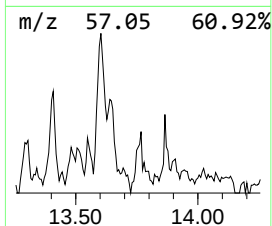
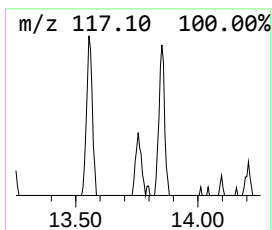
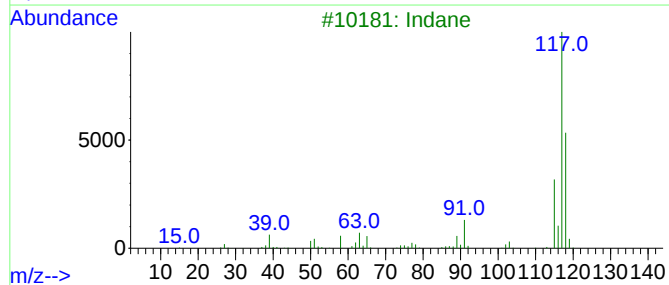
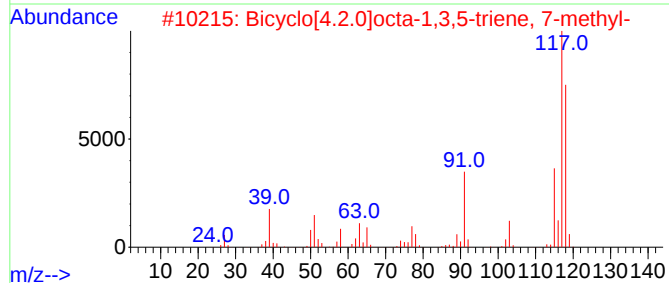
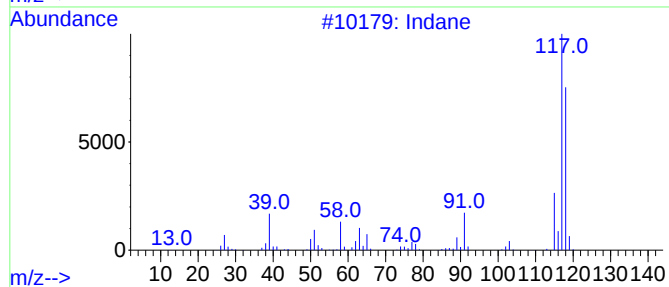
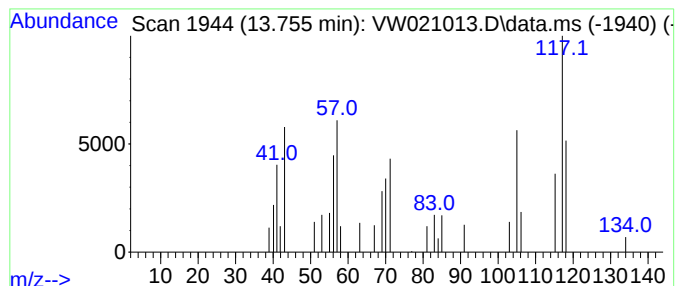
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Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 8 unknown-02 Concentration Rank 11

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 13.755 | 2.09 ug/L | 6422 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Indane                              | 118 | C9H10   | 000496-11-7 | 38   |
| 2    |    |   | Bicyclo[4.2.0]octa-1,3,5-triene,... | 118 | C9H10   | 055337-80-9 | 38   |
| 3    |    |   | Indane                              | 118 | C9H10   | 000496-11-7 | 38   |
| 4    |    |   | (Z)-1-Phenylpropene                 | 118 | C9H10   | 000766-90-5 | 35   |
| 5    |    |   | Benzene, 2-propenyl-                | 118 | C9H10   | 000300-57-2 | 35   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW120221\  
Data File : VW021013.D  
Acq On : 02 Dec 2021 00:40  
Operator : SY/VA  
Sample : M4881-01  
Misc : 5.60g/10.0mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EW9D7

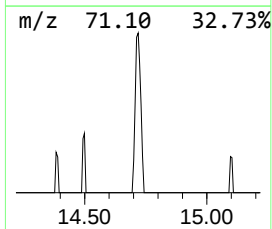
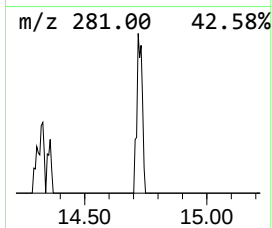
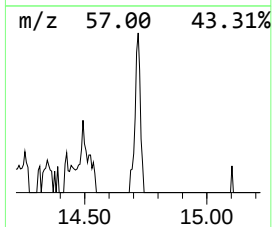
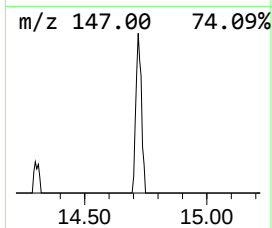
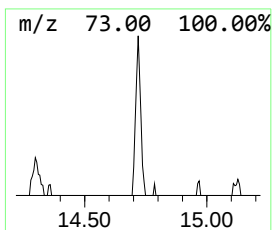
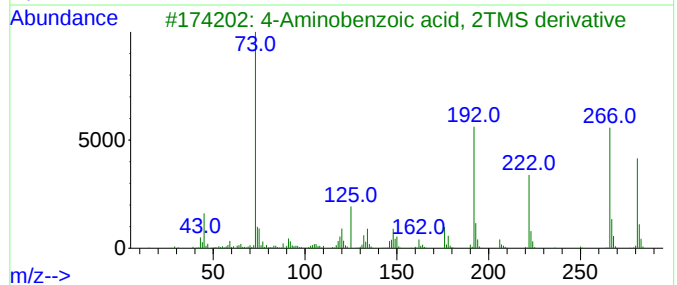
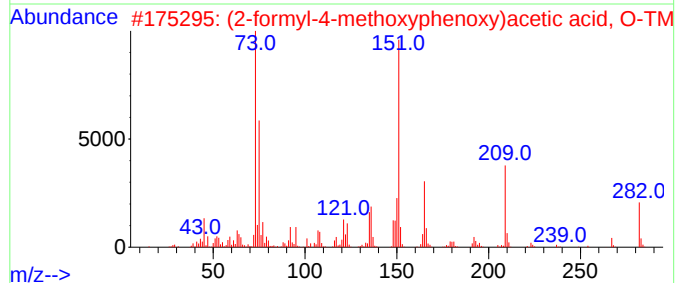
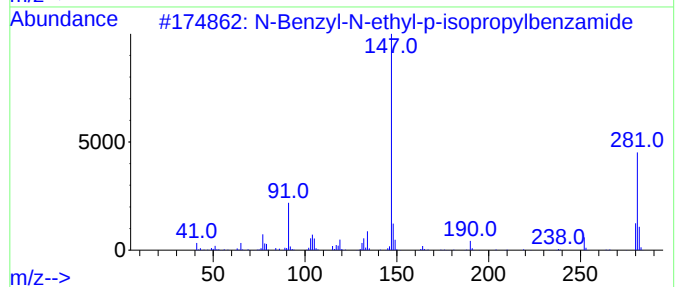
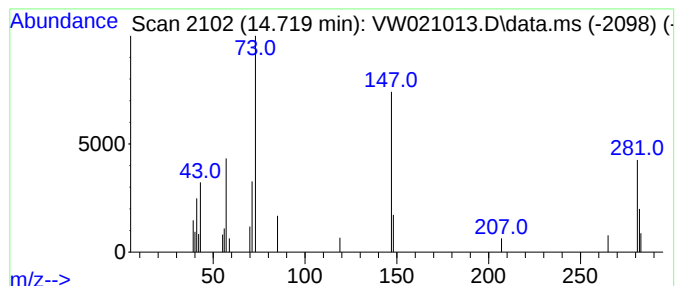
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Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 10 unknown-03 Concentration Rank 10

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 14.719 | 2.14 ug/L | 6578 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm      | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|--------------|--------------|------|
| 1    |    |   | N-Benzyl-N-ethyl-p-isopropylbenz... | 281 | C19H23NO     | 015089-22-2  | 9    |
| 2    |    |   | (2-formyl-4-methoxyphenoxy)aceti... | 282 | C13H18O5Si   | 1000472-48-4 | 9    |
| 3    |    |   | 4-Aminobenzoic acid, 2TMS deriva... | 281 | C13H23NO2Si2 | 018406-05-8  | 9    |
| 4    |    |   | 2-Dimethyl(trimethylsilyl)silylo... | 330 | C18H42OSi2   | 1000245-68-3 | 9    |
| 5    |    |   | 2-Phenyl-1H-indol-1-ol, TMS         | 281 | C17H19NOSi   | 1000503-65-2 | 9    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW120221\  
Data File : VW021013.D  
Acq On : 02 Dec 2021 00:40  
Operator : SY/VA  
Sample : M4881-01  
Misc : 5.60g/10.0mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EW9D7

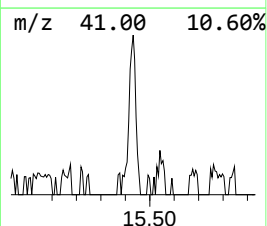
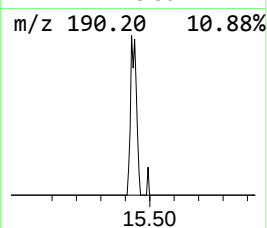
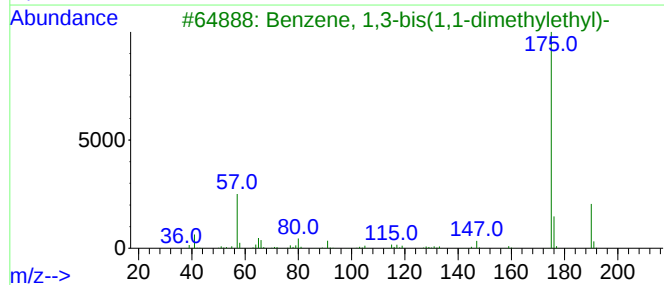
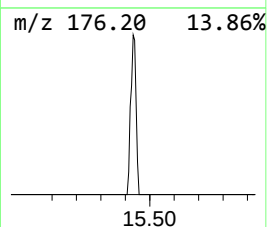
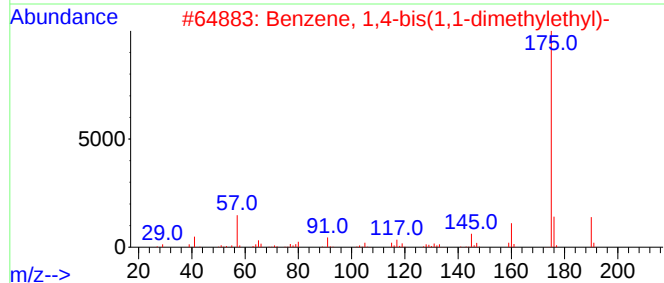
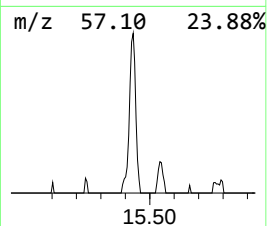
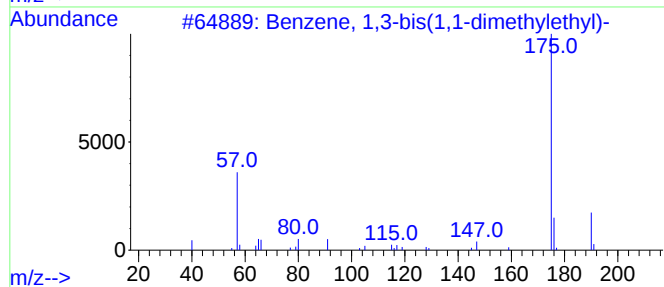
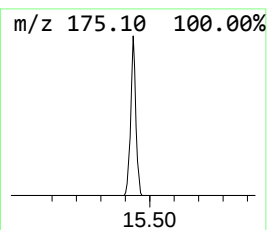
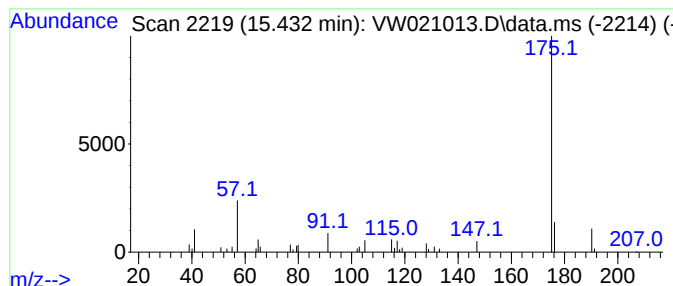
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Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 11 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 4

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 15.432 | 5.04 ug/L | 15517 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzene, 1,3-bis(1,1-dimethyleth... | 190 | C14H22   | 001014-60-4 | 87   |
| 2    |    |   | Benzene, 1,4-bis(1,1-dimethyleth... | 190 | C14H22   | 001012-72-2 | 86   |
| 3    |    |   | Benzene, 1,3-bis(1,1-dimethyleth... | 190 | C14H22   | 001014-60-4 | 83   |
| 4    |    |   | m-Cymene, 5-tert-butyl-             | 190 | C14H22   | 029577-19-3 | 72   |
| 5    |    |   | 4-Methyl-2,6-dihydroxyquinoline     | 175 | C10H9NO2 | 034982-01-9 | 59   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW120221\  
Data File : VW021013.D  
Acq On : 02 Dec 2021 00:40  
Operator : SY/VA  
Sample : M4881-01  
Misc : 5.60g/10.0mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EW9D7

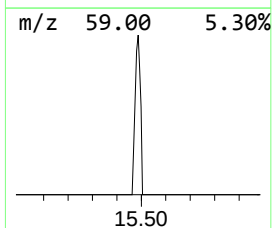
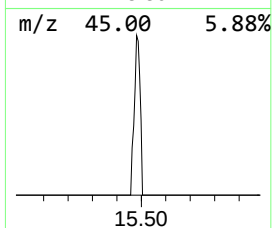
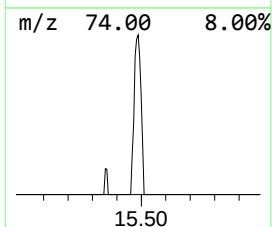
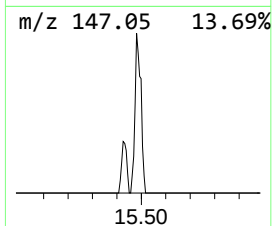
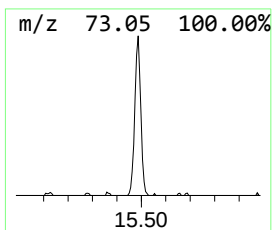
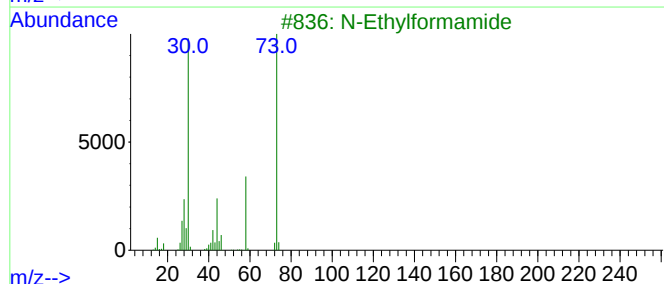
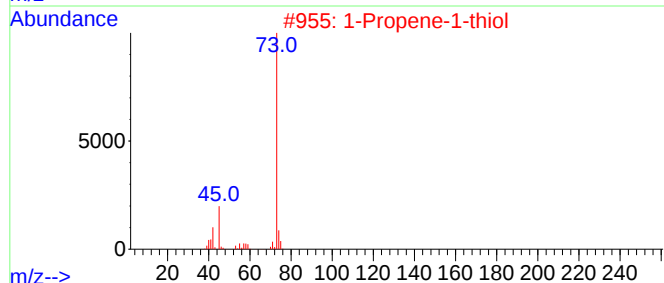
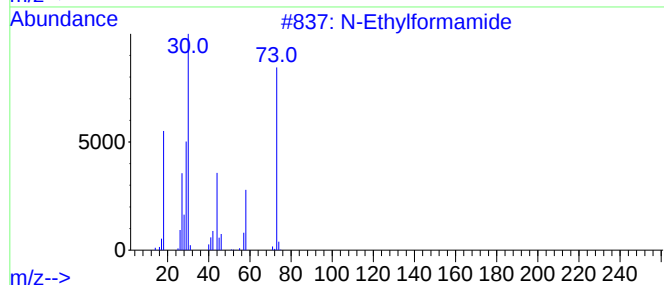
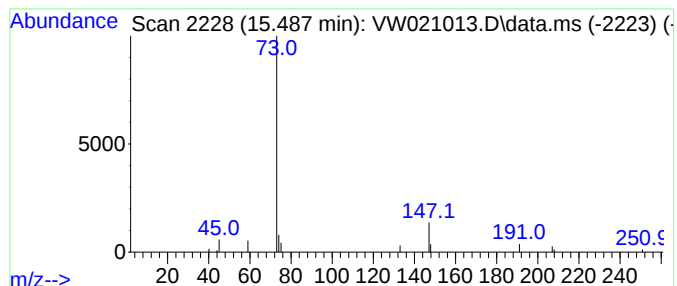
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Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 12 unknown-04 Concentration Rank 7

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 15.487 | 3.59 ug/L | 11064 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm    | CAS#        | Qual |
|------|----|---|--------------------------------|-----|------------|-------------|------|
| 1    |    |   | N-Ethylformamide               | 73  | C3H7NO     | 000627-45-2 | 4    |
| 2    |    |   | 1-Propene-1-thiol              | 74  | C3H6S      | 000925-89-3 | 4    |
| 3    |    |   | N-Ethylformamide               | 73  | C3H7NO     | 000627-45-2 | 4    |
| 4    |    |   | Oxalic acid, 2TMS derivative   | 234 | C8H18O4Si2 | 018294-04-7 | 4    |
| 5    |    |   | 1,3-Bis-t-butylperoxy-phthalan | 296 | C16H24O5   | 097526-35-7 | 4    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW120221\  
Data File : VW021013.D  
Acq On : 02 Dec 2021 00:40  
Operator : SY/VA  
Sample : M4881-01  
Misc : 5.60g/10.0mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EW9D7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM111521SMA.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 |
| unknown-01         | 11.061 | 2.5     | ug/L  | 20652    | 2                     | 11.634 | 203239 | 25.0 |
| Benzene, 1-ethy... | 12.859 | 2.2     | ug/L  | 6767     | 3                     | 13.560 | 76991  | 25.0 |
| Oxalic acid, 2-... | 13.164 | 1.8     | ug/L  | 5486     | 3                     | 13.560 | 76991  | 25.0 |
| unknown-02         | 13.755 | 2.1     | ug/L  | 6422     | 3                     | 13.560 | 76991  | 25.0 |
| unknown-03         | 14.719 | 2.1     | ug/L  | 6578     | 3                     | 13.560 | 76991  | 25.0 |
| Benzene, 1,3-bi... | 15.432 | 5.0     | ug/L  | 15517    | 3                     | 13.560 | 76991  | 25.0 |
| unknown-04         | 15.487 | 3.6     | ug/L  | 11064    | 3                     | 13.560 | 76991  | 25.0 |