

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052422\  
 Data File : VW023289.D  
 Acq On : 24 May 2022 23:14  
 Operator : SY/VA  
 Sample : N2995-02  
 Misc : 4.61g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GBGQ5

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\SFAMWLM050222SMA.M  
 Title : SFAM01.0

Signal : TIC: VW023289.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         | 1.965       | 6             | 10          | 18           | rVB2     | 16391          | 28217         | 2.12%           | 0.272%        |
| 2         | 2.160       | 38            | 42          | 47           | rBV2     | 8623           | 15616         | 1.17%           | 0.151%        |
| 3         | 2.349       | 68            | 73          | 80           | rBV      | 127941         | 203480        | 15.29%          | 1.962%        |
| 4         | 2.885       | 156           | 161         | 170          | rVB      | 70535          | 149449        | 11.23%          | 1.441%        |
| 5         | 3.422       | 248           | 249         | 250          | rVB      | 1380           | 505           | 0.04%           | 0.005%        |
| 6         | 3.501       | 260           | 262         | 264          | rBV3     | 1285           | 952           | 0.07%           | 0.009%        |
| 7         | 3.525       | 264           | 266         | 268          | rBV3     | 1258           | 973           | 0.07%           | 0.009%        |
| 8         | 3.617       | 280           | 281         | 282          | rBV      | 1343           | 630           | 0.05%           | 0.006%        |
| 9         | 3.653       | 285           | 287         | 288          | rBV2     | 1629           | 1316          | 0.10%           | 0.013%        |
| 10        | 3.952       | 334           | 336         | 337          | rBV2     | 1299           | 976           | 0.07%           | 0.009%        |
| 11        | 4.019       | 337           | 347         | 359          | rVV2     | 121221         | 370235        | 27.82%          | 3.570%        |
| 12        | 4.367       | 402           | 404         | 407          | rBV4     | 1187           | 1388          | 0.10%           | 0.013%        |
| 13        | 4.464       | 418           | 420         | 424          | rVB3     | 1815           | 2148          | 0.16%           | 0.021%        |
| 14        | 4.507       | 424           | 427         | 430          | rBV5     | 915            | 1271          | 0.10%           | 0.012%        |
| 15        | 4.531       | 430           | 431         | 433          | rVB2     | 954            | 520           | 0.04%           | 0.005%        |
| 16        | 4.745       | 465           | 466         | 467          | rBV      | 842            | 408           | 0.03%           | 0.004%        |
| 17        | 4.818       | 476           | 478         | 481          | rVB3     | 1037           | 844           | 0.06%           | 0.008%        |
| 18        | 4.909       | 487           | 493         | 503          | rVB4     | 12124          | 36964         | 2.78%           | 0.356%        |
| 19        | 5.116       | 517           | 527         | 540          | rBV2     | 7884           | 33963         | 2.55%           | 0.328%        |
| 20        | 5.287       | 553           | 555         | 556          | rVB2     | 1199           | 637           | 0.05%           | 0.006%        |
| 21        | 5.360       | 565           | 567         | 569          | rVB2     | 1116           | 702           | 0.05%           | 0.007%        |
| 22        | 5.385       | 569           | 571         | 573          | rVB2     | 921            | 421           | 0.03%           | 0.004%        |
| 23        | 5.446       | 579           | 581         | 583          | rBV3     | 900            | 502           | 0.04%           | 0.005%        |
| 24        | 5.464       | 583           | 584         | 585          | rVV      | 1047           | 489           | 0.04%           | 0.005%        |
| 25        | 5.482       | 585           | 587         | 589          | rVB3     | 1370           | 899           | 0.07%           | 0.009%        |
| 26        | 5.604       | 605           | 607         | 608          | rBV2     | 1122           | 987           | 0.07%           | 0.010%        |
| 27        | 5.817       | 640           | 642         | 645          | rVB3     | 1457           | 1122          | 0.08%           | 0.011%        |
| 28        | 5.848       | 645           | 647         | 648          | rBV2     | 565            | 384           | 0.03%           | 0.004%        |
| 29        | 6.086       | 685           | 686         | 687          | rVB      | 1139           | 416           | 0.03%           | 0.004%        |
| 30        | 6.470       | 748           | 749         | 751          | rBV2     | 1007           | 820           | 0.06%           | 0.008%        |
| 31        | 6.543       | 759           | 761         | 762          | rBV2     | 570            | 275           | 0.02%           | 0.003%        |
| 32        | 6.671       | 781           | 782         | 785          | rBV3     | 980            | 616           | 0.05%           | 0.006%        |
| 33        | 6.756       | 794           | 796         | 797          | rBV2     | 859            | 430           | 0.03%           | 0.004%        |
| 34        | 6.872       | 813           | 815         | 817          | rVB2     | 1315           | 886           | 0.07%           | 0.009%        |
| 35        | 6.890       | 817           | 818         | 819          | rBV      | 952            | 664           | 0.05%           | 0.006%        |
| 36        | 6.970       | 830           | 831         | 833          | rBV2     | 940            | 783           | 0.06%           | 0.008%        |

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 GBGQ5

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Integrator: RTE

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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\SFAMWLM050222SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 7.073  | 840  | 848  | 855  | rBV  | 63173  | 186901  | 14.05%  | 1.802%  |
| 38 | 7.256  | 874  | 878  | 886  | rVB2 | 11040  | 22994   | 1.73%   | 0.222%  |
| 39 | 7.646  | 932  | 942  | 956  | rVB  | 250302 | 601825  | 45.23%  | 5.803%  |
| 40 | 8.012  | 999  | 1002 | 1003 | rVB3 | 1666   | 1565    | 0.12%   | 0.015%  |
| 41 | 8.037  | 1003 | 1006 | 1007 | rBV3 | 1857   | 1899    | 0.14%   | 0.018%  |
| 42 | 8.079  | 1012 | 1013 | 1014 | rVV  | 1406   | 673     | 0.05%   | 0.006%  |
| 43 | 8.098  | 1014 | 1016 | 1018 | rVV2 | 1220   | 1231    | 0.09%   | 0.012%  |
| 44 | 8.134  | 1020 | 1022 | 1025 | rBV4 | 1098   | 1360    | 0.10%   | 0.013%  |
| 45 | 8.274  | 1034 | 1045 | 1061 | rBV2 | 411896 | 1330708 | 100.00% | 12.832% |
| 46 | 8.750  | 1121 | 1123 | 1125 | rVB  | 942    | 723     | 0.05%   | 0.007%  |
| 47 | 8.841  | 1129 | 1138 | 1149 | rBV  | 406022 | 808891  | 60.79%  | 7.800%  |
| 48 | 9.274  | 1201 | 1209 | 1220 | rBV  | 316801 | 642980  | 48.32%  | 6.200%  |
| 49 | 9.579  | 1257 | 1259 | 1260 | rBV  | 2443   | 1828    | 0.14%   | 0.018%  |
| 50 | 9.798  | 1293 | 1295 | 1298 | rVB4 | 1321   | 918     | 0.07%   | 0.009%  |
| 51 | 9.823  | 1298 | 1299 | 1301 | rVB2 | 940    | 630     | 0.05%   | 0.006%  |
| 52 | 9.853  | 1302 | 1304 | 1306 | rBV3 | 1387   | 1156    | 0.09%   | 0.011%  |
| 53 | 9.920  | 1313 | 1315 | 1316 | rBV2 | 1125   | 746     | 0.06%   | 0.007%  |
| 54 | 9.939  | 1316 | 1318 | 1322 | rBV5 | 807    | 940     | 0.07%   | 0.009%  |
| 55 | 10.036 | 1327 | 1334 | 1345 | rVV  | 143677 | 260635  | 19.59%  | 2.513%  |
| 56 | 10.201 | 1359 | 1361 | 1364 | rVB2 | 1643   | 1331    | 0.10%   | 0.013%  |
| 57 | 10.256 | 1368 | 1370 | 1372 | rBV3 | 820    | 755     | 0.06%   | 0.007%  |
| 58 | 10.323 | 1373 | 1381 | 1388 | rBV  | 527704 | 911202  | 68.47%  | 8.787%  |
| 59 | 10.579 | 1416 | 1423 | 1431 | rBV  | 95908  | 171485  | 12.89%  | 1.654%  |
| 60 | 10.701 | 1437 | 1443 | 1449 | rBV  | 49842  | 89945   | 6.76%   | 0.867%  |
| 61 | 10.926 | 1473 | 1480 | 1493 | rBV  | 258390 | 459123  | 34.50%  | 4.427%  |
| 62 | 11.225 | 1527 | 1529 | 1532 | rVB4 | 1526   | 845     | 0.06%   | 0.008%  |
| 63 | 11.341 | 1546 | 1548 | 1550 | rVB3 | 1099   | 799     | 0.06%   | 0.008%  |
| 64 | 11.627 | 1587 | 1595 | 1604 | rBV  | 557347 | 948749  | 71.30%  | 9.149%  |
| 65 | 11.841 | 1628 | 1630 | 1635 | rVB3 | 3287   | 3998    | 0.30%   | 0.039%  |
| 66 | 11.890 | 1635 | 1638 | 1640 | rBV2 | 1335   | 920     | 0.07%   | 0.009%  |
| 67 | 12.079 | 1666 | 1669 | 1670 | rBV2 | 1037   | 1041    | 0.08%   | 0.010%  |
| 68 | 12.152 | 1680 | 1681 | 1682 | rBV  | 1586   | 1143    | 0.09%   | 0.011%  |
| 69 | 12.261 | 1697 | 1699 | 1700 | rVB2 | 1663   | 868     | 0.07%   | 0.008%  |
| 70 | 12.280 | 1700 | 1702 | 1703 | rBV  | 643    | 399     | 0.03%   | 0.004%  |
| 71 | 12.396 | 1720 | 1721 | 1722 | rBV  | 637    | 283     | 0.02%   | 0.003%  |
| 72 | 12.469 | 1731 | 1733 | 1735 | rBV3 | 1242   | 1161    | 0.09%   | 0.011%  |
| 73 | 12.511 | 1738 | 1740 | 1741 | rBV2 | 1537   | 1331    | 0.10%   | 0.013%  |
| 74 | 12.603 | 1748 | 1755 | 1763 | rBV  | 340986 | 555345  | 41.73%  | 5.355%  |
| 75 | 12.688 | 1763 | 1769 | 1777 | rVB  | 368902 | 609011  | 45.77%  | 5.873%  |
| 76 | 12.749 | 1777 | 1779 | 1781 | rBV2 | 882    | 661     | 0.05%   | 0.006%  |

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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GBGQ5

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\SFAMWLM050222SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 77 | 12.889 | 1796 | 1802 | 1808 | rBV  | 40920  | 71904  | 5.40%  | 0.693% |
| 78 | 12.987 | 1813 | 1818 | 1823 | rVB  | 27184  | 41269  | 3.10%  | 0.398% |
| 79 | 13.255 | 1857 | 1862 | 1866 | rBV6 | 2280   | 5155   | 0.39%  | 0.050% |
| 80 | 13.389 | 1881 | 1884 | 1886 | rBV2 | 2062   | 2474   | 0.19%  | 0.024% |
|    |        |      |      |      |      |        |        |        |        |
| 81 | 13.554 | 1904 | 1911 | 1919 | rBV  | 539009 | 853474 | 64.14% | 8.230% |
| 82 | 13.853 | 1952 | 1960 | 1973 | rVB  | 478217 | 809732 | 60.85% | 7.808% |
| 83 | 14.066 | 1989 | 1995 | 2003 | rVB  | 45125  | 74095  | 5.57%  | 0.714% |
| 84 | 14.560 | 2075 | 2076 | 2080 | rVB4 | 1763   | 2211   | 0.17%  | 0.021% |
| 85 | 14.956 | 2140 | 2141 | 2144 | rBV2 | 1144   | 1281   | 0.10%  | 0.012% |
|    |        |      |      |      |      |        |        |        |        |
| 86 | 15.017 | 2149 | 2151 | 2154 | rVV4 | 823    | 775    | 0.06%  | 0.007% |
| 87 | 15.041 | 2154 | 2155 | 2157 | rVB2 | 1336   | 574    | 0.04%  | 0.006% |
| 88 | 15.066 | 2157 | 2159 | 2161 | rBV  | 1542   | 1346   | 0.10%  | 0.013% |
| 89 | 15.127 | 2166 | 2169 | 2172 | rVV4 | 1828   | 2500   | 0.19%  | 0.024% |
| 90 | 15.176 | 2176 | 2177 | 2180 | rVB2 | 1711   | 1009   | 0.08%  | 0.010% |
|    |        |      |      |      |      |        |        |        |        |
| 91 | 15.346 | 2203 | 2205 | 2206 | rBV2 | 1555   | 850    | 0.06%  | 0.008% |
| 92 | 15.389 | 2210 | 2212 | 2215 | rBV4 | 2232   | 2754   | 0.21%  | 0.027% |
| 93 | 15.480 | 2224 | 2227 | 2232 | rBV5 | 2257   | 4581   | 0.34%  | 0.044% |
| 94 | 15.877 | 2290 | 2292 | 2293 | rBV2 | 1588   | 1228   | 0.09%  | 0.012% |
| 95 | 16.364 | 2370 | 2372 | 2374 | rBV2 | 1057   | 417    | 0.03%  | 0.004% |
|    |        |      |      |      |      |        |        |        |        |
| 96 | 16.694 | 2424 | 2426 | 2427 | rBV  | 1496   | 1309   | 0.10%  | 0.013% |
| 97 | 16.748 | 2433 | 2435 | 2437 | rBV2 | 1544   | 1538   | 0.12%  | 0.015% |

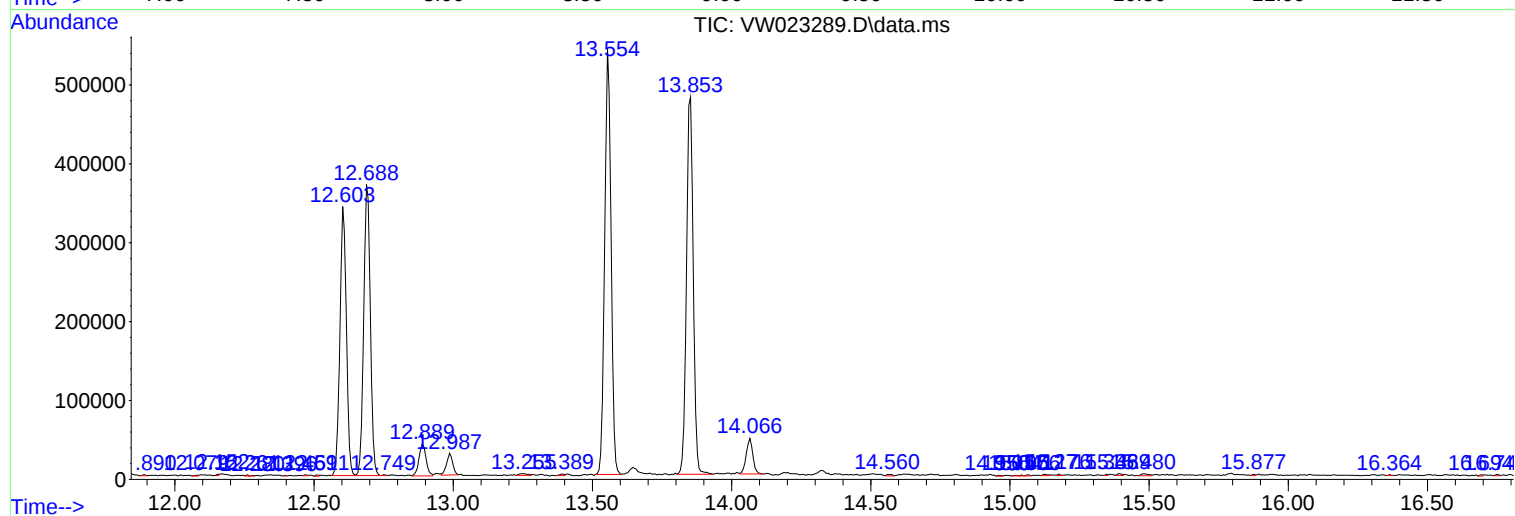
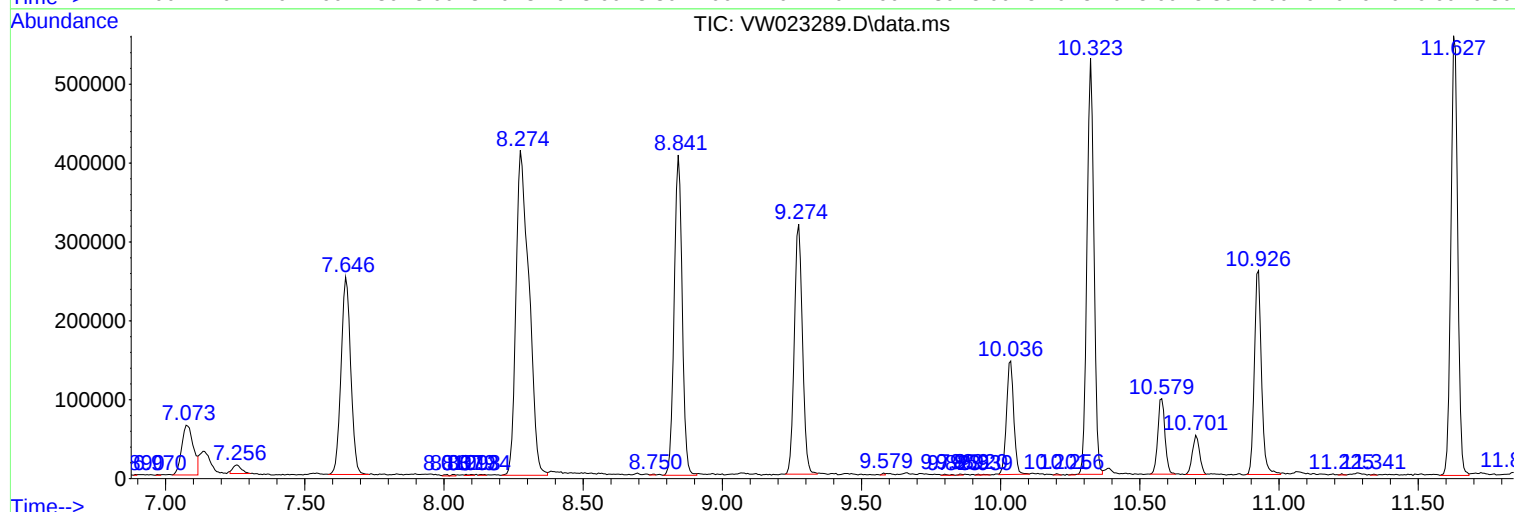
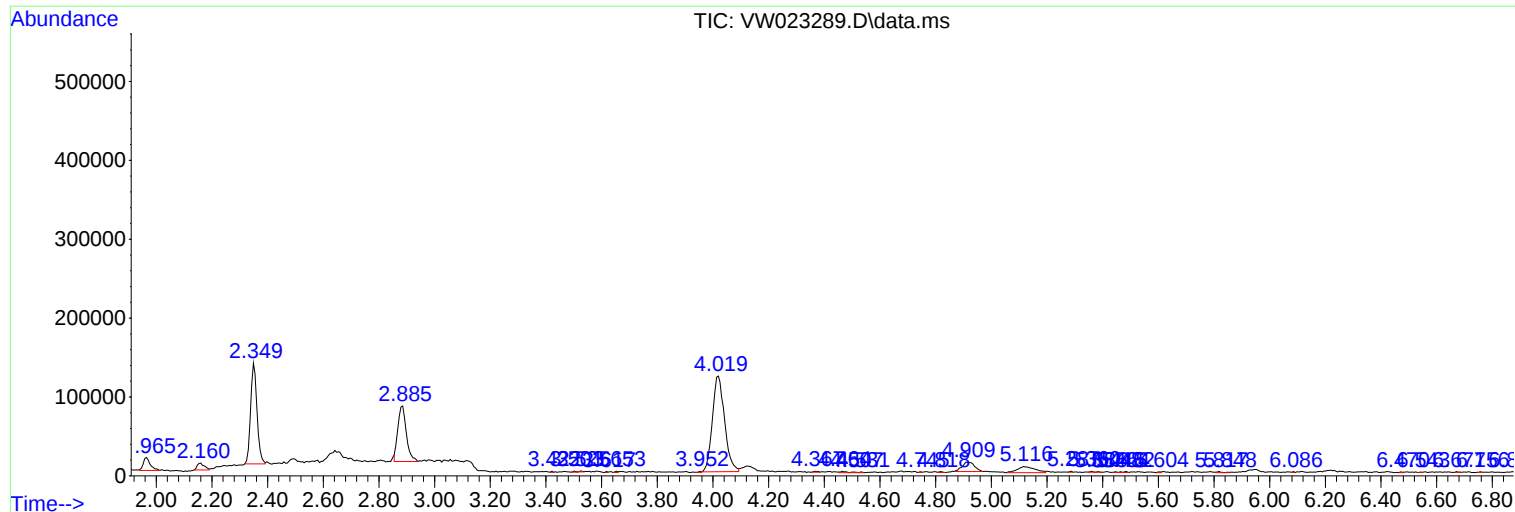
Sum of corrected areas: 10370362

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Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052422\  
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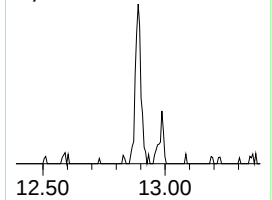
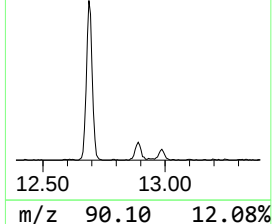
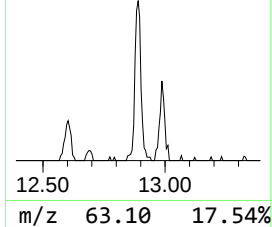
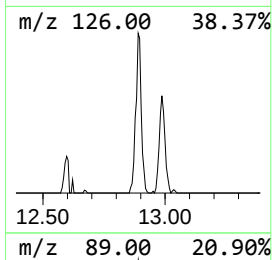
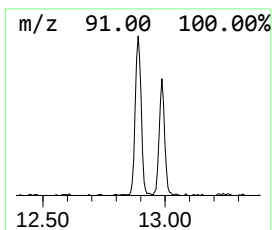
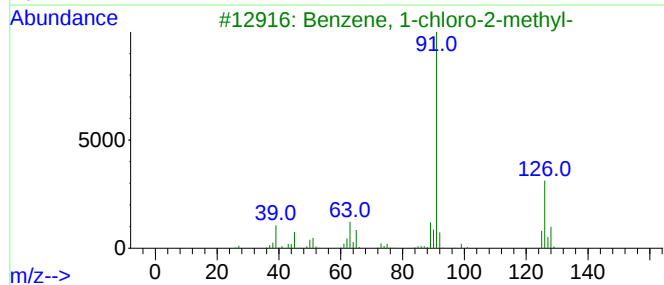
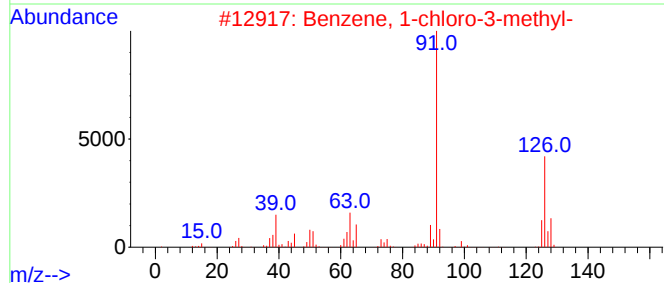
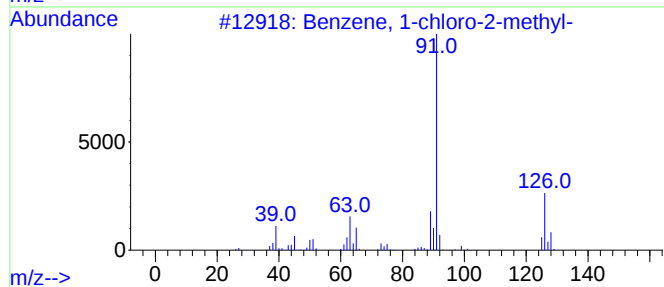
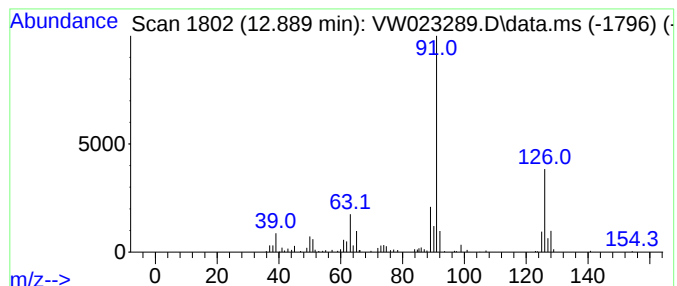
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 4 Benzene, 1-chloro-2-methyl- Concentration Rank 5

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.889 | 2.11 ug/L | 71904 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-chloro-2-methyl- | 126 | C7H7Cl  | 000095-49-8 | 94   |
| 2    |    |   | Benzene, 1-chloro-3-methyl- | 126 | C7H7Cl  | 000108-41-8 | 93   |
| 3    |    |   | Benzene, 1-chloro-2-methyl- | 126 | C7H7Cl  | 000095-49-8 | 93   |
| 4    |    |   | Benzene, 1-chloro-2-methyl- | 126 | C7H7Cl  | 000095-49-8 | 93   |
| 5    |    |   | Benzene, 1-chloro-2-methyl- | 126 | C7H7Cl  | 000095-49-8 | 90   |



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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 |
| Benzene, 1-chlo... | 12.889 | 2.1     | ug/L  | 71904    | 3                     | 13.554 | 853474 | 25.0 |