

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101421\  
 Data File : VW020516.D  
 Acq On : 15 Oct 2021 01:36  
 Operator : SY/VA  
 Sample : M4210-04  
 Misc : 4.67g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JDGC4

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\SFAMWLM100821SMA.M  
 Title : SFAM01.0

Signal : TIC: VW020516.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         | 2.154       | 35            | 41          | 49           | rBV      | 24570          | 51514         | 5.34%           | 0.680%        |
| 2         | 2.349       | 66            | 73          | 84           | rVB      | 80809          | 130309        | 13.52%          | 1.720%        |
| 3         | 2.495       | 93            | 97          | 102          | rBV      | 6334           | 10701         | 1.11%           | 0.141%        |
| 4         | 2.879       | 154           | 160         | 170          | rVB      | 35166          | 69638         | 7.23%           | 0.919%        |
| 5         | 3.379       | 238           | 242         | 249          | rVB3     | 665            | 1634          | 0.17%           | 0.022%        |
| 6         | 3.550       | 259           | 270         | 285          | rBV2     | 3936           | 12386         | 1.29%           | 0.163%        |
| 7         | 3.727       | 294           | 299         | 300          | rBV2     | 646            | 870           | 0.09%           | 0.011%        |
| 8         | 4.019       | 335           | 347         | 358          | rBV      | 105684         | 306164        | 31.77%          | 4.041%        |
| 9         | 4.129       | 358           | 365         | 381          | rVB      | 25540          | 69764         | 7.24%           | 0.921%        |
| 10        | 4.385       | 396           | 407         | 417          | rBV2     | 5152           | 16385         | 1.70%           | 0.216%        |
| 11        | 4.916       | 482           | 494         | 507          | rBV      | 31778          | 102479        | 10.63%          | 1.353%        |
| 12        | 5.001       | 507           | 508         | 516          | rVB3     | 477            | 754           | 0.08%           | 0.010%        |
| 13        | 5.129       | 523           | 529         | 530          | rBV3     | 349            | 501           | 0.05%           | 0.007%        |
| 14        | 5.781       | 630           | 636         | 644          | rBV3     | 762            | 2326          | 0.24%           | 0.031%        |
| 15        | 5.946       | 654           | 663         | 672          | rBV4     | 2926           | 9339          | 0.97%           | 0.123%        |
| 16        | 6.415       | 734           | 740         | 747          | rVB5     | 897            | 2454          | 0.25%           | 0.032%        |
| 17        | 6.915       | 819           | 822         | 827          | rVV2     | 308            | 489           | 0.05%           | 0.006%        |
| 18        | 6.994       | 829           | 835         | 837          | rVV3     | 483            | 887           | 0.09%           | 0.012%        |
| 19        | 7.086       | 840           | 850         | 858          | rVV      | 24244          | 67010         | 6.95%           | 0.884%        |
| 20        | 7.177       | 859           | 865         | 875          | rVV      | 13102          | 36027         | 3.74%           | 0.476%        |
| 21        | 7.263       | 876           | 879         | 888          | rVV4     | 1336           | 3326          | 0.35%           | 0.044%        |
| 22        | 7.543       | 920           | 925         | 932          | rVB6     | 810            | 1786          | 0.19%           | 0.024%        |
| 23        | 7.653       | 932           | 943         | 956          | rBV      | 165487         | 406972        | 42.23%          | 5.372%        |
| 24        | 8.281       | 1033          | 1046        | 1060         | rBV2     | 329388         | 963812        | 100.00%         | 12.721%       |
| 25        | 8.701       | 1108          | 1115        | 1125         | rBV5     | 1195           | 2823          | 0.29%           | 0.037%        |
| 26        | 8.842       | 1130          | 1138        | 1149         | rBV      | 303970         | 605182        | 62.79%          | 7.988%        |
| 27        | 9.037       | 1164          | 1170        | 1174         | rBV4     | 2354           | 4859          | 0.50%           | 0.064%        |
| 28        | 9.275       | 1200          | 1209        | 1220         | rBV      | 228451         | 465575        | 48.31%          | 6.145%        |
| 29        | 9.415       | 1227          | 1232        | 1233         | rBV2     | 391            | 509           | 0.05%           | 0.007%        |
| 30        | 9.659       | 1268          | 1272        | 1278         | rVV4     | 725            | 1478          | 0.15%           | 0.020%        |
| 31        | 10.037      | 1325          | 1334        | 1346         | rBV      | 98390          | 175291        | 18.19%          | 2.314%        |
| 32        | 10.128      | 1346          | 1349        | 1355         | rVB4     | 603            | 1051          | 0.11%           | 0.014%        |
| 33        | 10.213      | 1359          | 1363        | 1366         | rBV3     | 399            | 572           | 0.06%           | 0.008%        |
| 34        | 10.323      | 1371          | 1381        | 1388         | rBV      | 425424         | 747311        | 77.54%          | 9.864%        |
| 35        | 10.390      | 1388          | 1392        | 1404         | rVB      | 21104          | 38031         | 3.95%           | 0.502%        |
| 36        | 10.506      | 1404          | 1411        | 1417         | rBV6     | 1964           | 4280          | 0.44%           | 0.056%        |

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 JDGC4

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Integrator: RTE

Smoothing : OFF

Filtering: 5

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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\SFAMWLM100821SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 10.579 | 1417 | 1423 | 1431 | rBV  | 61681  | 104690 | 10.86% | 1.382% |
| 38 | 10.701 | 1438 | 1443 | 1449 | rBV2 | 5668   | 9886   | 1.03%  | 0.130% |
| 39 | 10.860 | 1461 | 1469 | 1473 | rBV4 | 1055   | 2327   | 0.24%  | 0.031% |
| 40 | 10.927 | 1473 | 1480 | 1495 | rVV  | 89339  | 154195 | 16.00% | 2.035% |
| 41 | 11.067 | 1498 | 1503 | 1509 | rBV4 | 4066   | 6720   | 0.70%  | 0.089% |
| 42 | 11.177 | 1515 | 1521 | 1526 | rBV4 | 841    | 1669   | 0.17%  | 0.022% |
| 43 | 11.231 | 1526 | 1530 | 1533 | rVB2 | 470    | 558    | 0.06%  | 0.007% |
| 44 | 11.341 | 1544 | 1548 | 1552 | rBV4 | 380    | 789    | 0.08%  | 0.010% |
| 45 | 11.408 | 1555 | 1559 | 1562 | rBV4 | 692    | 975    | 0.10%  | 0.013% |
| 46 | 11.518 | 1571 | 1577 | 1582 | rBV3 | 434    | 862    | 0.09%  | 0.011% |
| 47 | 11.634 | 1588 | 1596 | 1605 | rBV  | 381369 | 644461 | 66.87% | 8.506% |
| 48 | 11.731 | 1607 | 1612 | 1619 | rVB  | 20570  | 33649  | 3.49%  | 0.444% |
| 49 | 11.835 | 1621 | 1629 | 1640 | rVB  | 37902  | 72778  | 7.55%  | 0.961% |
| 50 | 11.920 | 1640 | 1643 | 1648 | rVB3 | 537    | 713    | 0.07%  | 0.009% |
| 51 | 12.018 | 1648 | 1659 | 1665 | rBV4 | 2096   | 4212   | 0.44%  | 0.056% |
| 52 | 12.085 | 1666 | 1670 | 1673 | rBV3 | 668    | 1132   | 0.12%  | 0.015% |
| 53 | 12.170 | 1677 | 1684 | 1691 | rVB4 | 25672  | 51493  | 5.34%  | 0.680% |
| 54 | 12.237 | 1691 | 1695 | 1702 | rVB4 | 2647   | 4482   | 0.47%  | 0.059% |
| 55 | 12.311 | 1702 | 1707 | 1708 | rBV4 | 634    | 916    | 0.10%  | 0.012% |
| 56 | 12.341 | 1708 | 1712 | 1714 | rBV4 | 1376   | 2263   | 0.23%  | 0.030% |
| 57 | 12.469 | 1728 | 1733 | 1737 | rBV3 | 7078   | 11604  | 1.20%  | 0.153% |
| 58 | 12.524 | 1737 | 1742 | 1747 | rVV7 | 2762   | 4927   | 0.51%  | 0.065% |
| 59 | 12.609 | 1750 | 1756 | 1760 | rVV2 | 8604   | 14774  | 1.53%  | 0.195% |
| 60 | 12.695 | 1763 | 1770 | 1779 | rVV  | 127137 | 214139 | 22.22% | 2.826% |
| 61 | 12.871 | 1792 | 1799 | 1800 | rBV2 | 5863   | 8865   | 0.92%  | 0.117% |
| 62 | 12.932 | 1805 | 1809 | 1821 | rVB7 | 10511  | 25647  | 2.66%  | 0.339% |
| 63 | 13.036 | 1821 | 1826 | 1831 | rBV4 | 5811   | 10810  | 1.12%  | 0.143% |
| 64 | 13.127 | 1832 | 1841 | 1845 | rBV5 | 6868   | 19213  | 1.99%  | 0.254% |
| 65 | 13.256 | 1857 | 1862 | 1863 | rBV2 | 11853  | 17083  | 1.77%  | 0.225% |
| 66 | 13.396 | 1878 | 1885 | 1888 | rBV6 | 3483   | 8467   | 0.88%  | 0.112% |
| 67 | 13.469 | 1889 | 1897 | 1899 | rVV3 | 31140  | 67092  | 6.96%  | 0.886% |
| 68 | 13.493 | 1899 | 1901 | 1906 | rVV  | 48260  | 70144  | 7.28%  | 0.926% |
| 69 | 13.560 | 1906 | 1912 | 1922 | rVV3 | 325755 | 687755 | 71.36% | 9.078% |
| 70 | 13.646 | 1922 | 1926 | 1932 | rVV  | 18409  | 31920  | 3.31%  | 0.421% |
| 71 | 13.713 | 1934 | 1937 | 1939 | rVV4 | 2488   | 3949   | 0.41%  | 0.052% |
| 72 | 13.749 | 1940 | 1943 | 1947 | rVV4 | 5108   | 9304   | 0.97%  | 0.123% |
| 73 | 13.792 | 1947 | 1950 | 1953 | rVV4 | 4602   | 8112   | 0.84%  | 0.107% |
| 74 | 13.853 | 1953 | 1960 | 1971 | rVV  | 255701 | 428988 | 44.51% | 5.662% |
| 75 | 13.944 | 1972 | 1975 | 1981 | rVB2 | 3868   | 5764   | 0.60%  | 0.076% |
| 76 | 14.066 | 1990 | 1995 | 2004 | rVB2 | 158818 | 259635 | 26.94% | 3.427% |

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Integration Parameters: LSCINT.P

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Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |       |        |        |        |
|-----|--------|------|------|------|------|-------|--------|--------|--------|
| 77  | 14.213 | 2014 | 2019 | 2024 | rVB4 | 5868  | 11107  | 1.15%  | 0.147% |
| 78  | 14.335 | 2034 | 2039 | 2045 | rVB6 | 7159  | 13334  | 1.38%  | 0.176% |
| 79  | 14.383 | 2045 | 2047 | 2049 | rBV2 | 803   | 829    | 0.09%  | 0.011% |
| 80  | 14.420 | 2049 | 2053 | 2056 | rBV3 | 2377  | 4240   | 0.44%  | 0.056% |
| 81  | 14.499 | 2063 | 2066 | 2067 | rBV2 | 764   | 868    | 0.09%  | 0.011% |
| 82  | 14.585 | 2076 | 2080 | 2084 | rVB4 | 2624  | 4020   | 0.42%  | 0.053% |
| 83  | 14.694 | 2094 | 2098 | 2101 | rBV5 | 923   | 1687   | 0.18%  | 0.022% |
| 84  | 14.719 | 2101 | 2102 | 2107 | rVB2 | 1139  | 1429   | 0.15%  | 0.019% |
| 85  | 14.786 | 2107 | 2113 | 2118 | rBV5 | 4825  | 10257  | 1.06%  | 0.135% |
| 86  | 14.853 | 2118 | 2124 | 2132 | rVB2 | 28813 | 52338  | 5.43%  | 0.691% |
| 87  | 14.950 | 2137 | 2140 | 2144 | rVB4 | 2702  | 4358   | 0.45%  | 0.058% |
| 88  | 15.005 | 2145 | 2149 | 2155 | rBV6 | 1910  | 3304   | 0.34%  | 0.044% |
| 89  | 15.072 | 2155 | 2160 | 2162 | rBV5 | 5209  | 9007   | 0.93%  | 0.119% |
| 90  | 15.359 | 2204 | 2207 | 2211 | rBV3 | 1156  | 1851   | 0.19%  | 0.024% |
| 91  | 15.432 | 2214 | 2219 | 2222 | rVV2 | 4410  | 7578   | 0.79%  | 0.100% |
| 92  | 15.487 | 2222 | 2228 | 2236 | rVB  | 57642 | 104464 | 10.84% | 1.379% |
| 93  | 15.633 | 2249 | 2252 | 2257 | rBV3 | 585   | 824    | 0.09%  | 0.011% |
| 94  | 15.682 | 2257 | 2260 | 2261 | rBV3 | 1499  | 1638   | 0.17%  | 0.022% |
| 95  | 15.725 | 2262 | 2267 | 2273 | rVB4 | 5855  | 11279  | 1.17%  | 0.149% |
| 96  | 15.773 | 2273 | 2275 | 2276 | rBV2 | 678   | 566    | 0.06%  | 0.007% |
| 97  | 15.956 | 2298 | 2305 | 2311 | rVB5 | 2112  | 4736   | 0.49%  | 0.063% |
| 98  | 16.090 | 2323 | 2327 | 2331 | rBV5 | 696   | 1195   | 0.12%  | 0.016% |
| 99  | 16.249 | 2346 | 2353 | 2358 | rBV6 | 1475  | 3148   | 0.33%  | 0.042% |
| 100 | 16.365 | 2370 | 2372 | 2378 | rVB3 | 905   | 954    | 0.10%  | 0.013% |

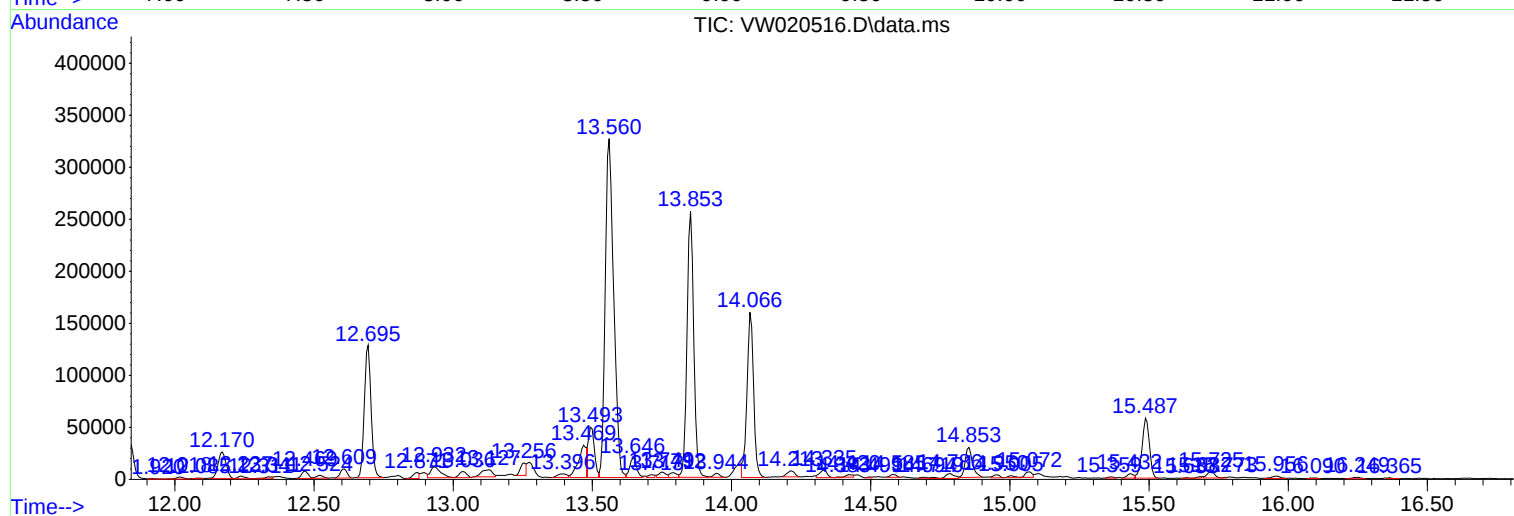
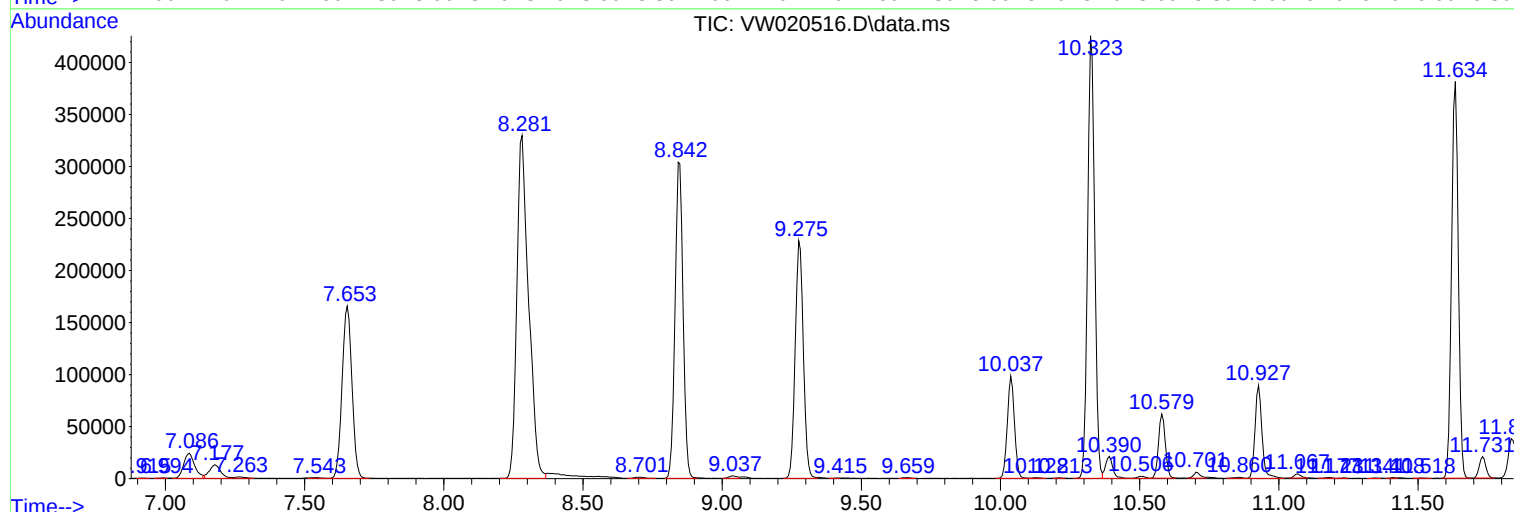
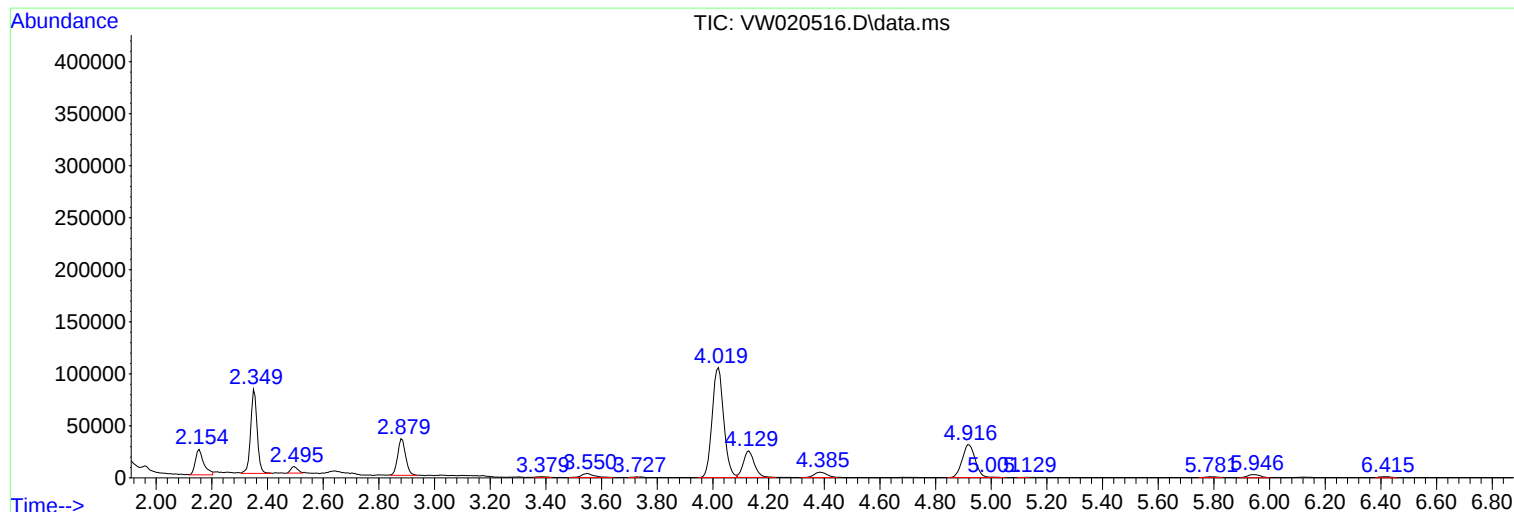
Sum of corrected areas: 7576462

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Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
Quant Title : SFAM01.0

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



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
Quant Title : SFAM01.0

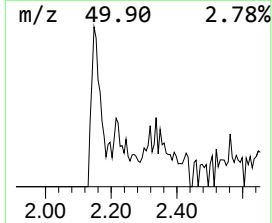
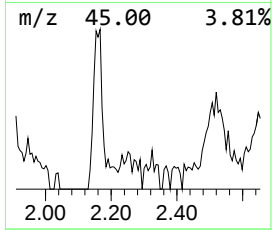
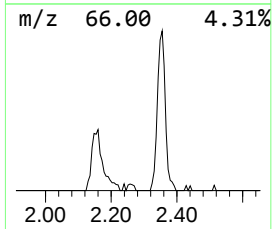
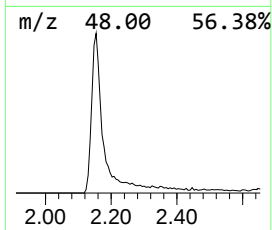
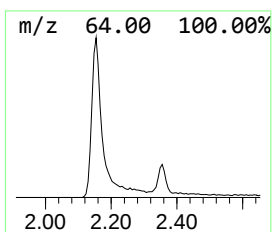
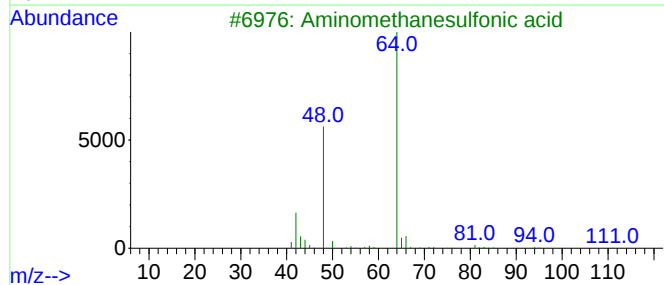
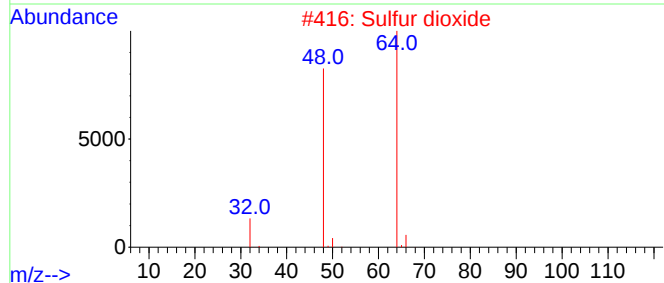
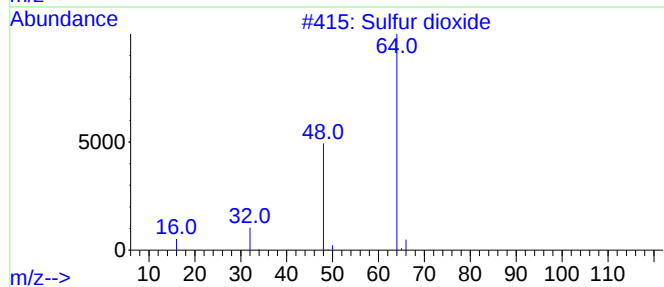
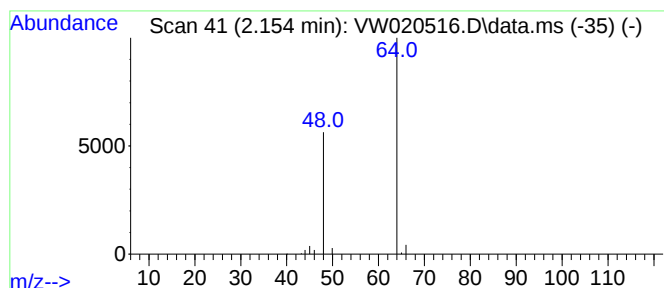
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 6

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 2.154 | 2.13 ug/L | 51514 | 1,4-Difluorobenzene | 8.848 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Sulfur dioxide            | 64  | O2S     | 007446-09-5 | 90   |
| 2    |    |   | Sulfur dioxide            | 64  | O2S     | 007446-09-5 | 74   |
| 3    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S | 013881-91-9 | 9    |
| 4    |    |   | Ethene, 1,1-difluoro-     | 64  | C2H2F2  | 000075-38-7 | 7    |
| 5    |    |   | Ethene, 1,1-difluoro-     | 64  | C2H2F2  | 000075-38-7 | 4    |



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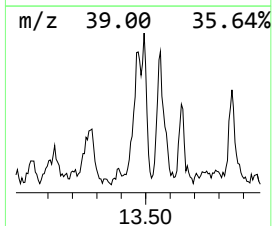
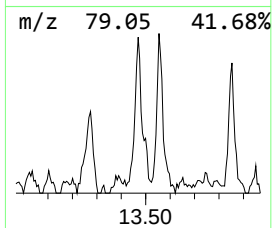
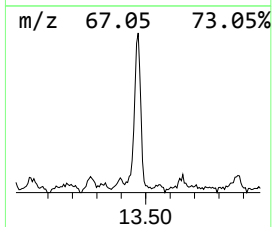
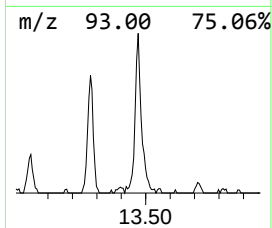
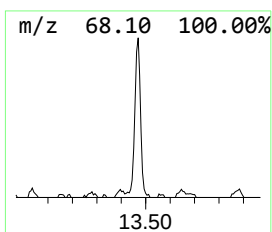
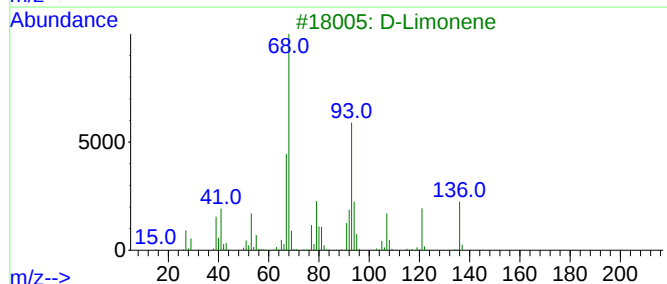
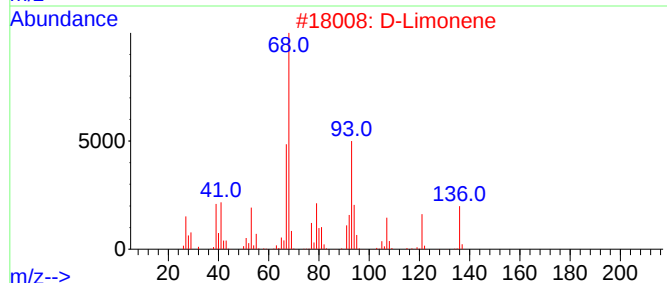
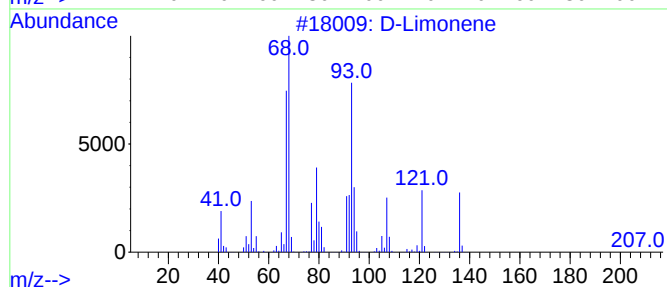
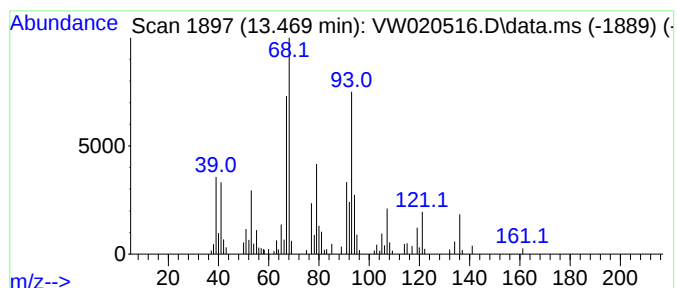
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
Quant Title : SFAM01.0

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

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Peak Number 3 D-Limonene Concentration Rank 5

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.469 | 2.44 ug/L | 67092 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of         | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------------|---|--------------|-----|---------|-------------|------|
| 1    | D-Limonene |   |              | 136 | C10H16  | 005989-27-5 | 97   |
| 2    | D-Limonene |   |              | 136 | C10H16  | 005989-27-5 | 93   |
| 3    | D-Limonene |   |              | 136 | C10H16  | 005989-27-5 | 93   |
| 4    | D-Limonene |   |              | 136 | C10H16  | 005989-27-5 | 87   |
| 5    | Limonene   |   |              | 136 | C10H16  | 000138-86-3 | 87   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101421\  
Data File : VW020516.D  
Acq On : 15 Oct 2021 01:36  
Operator : SY/VA  
Sample : M4210-04  
Misc : 4.67g/10mL/MSVOA\_W/SOIL  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JDGC4

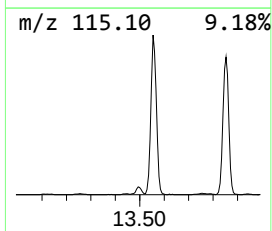
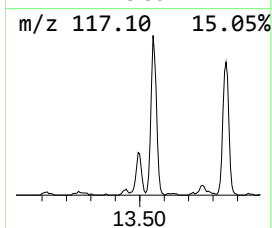
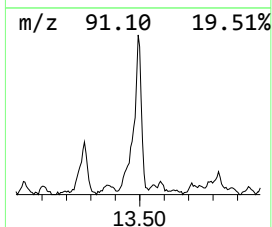
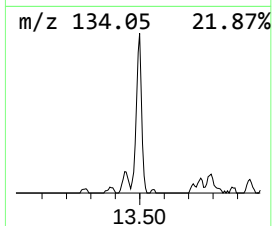
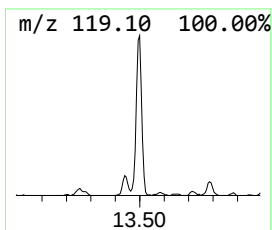
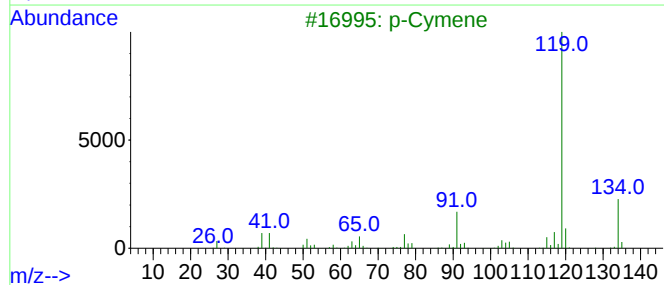
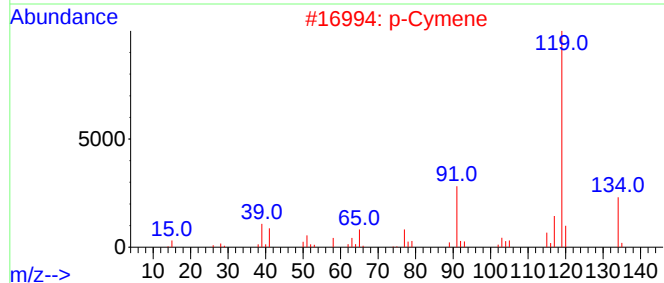
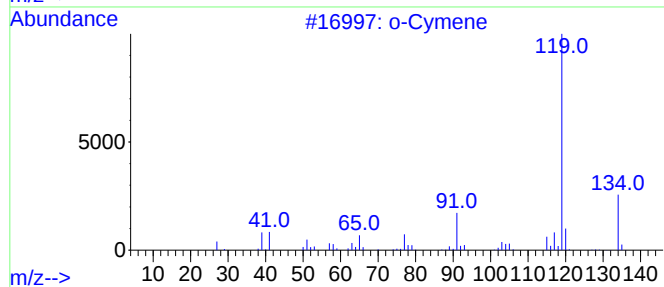
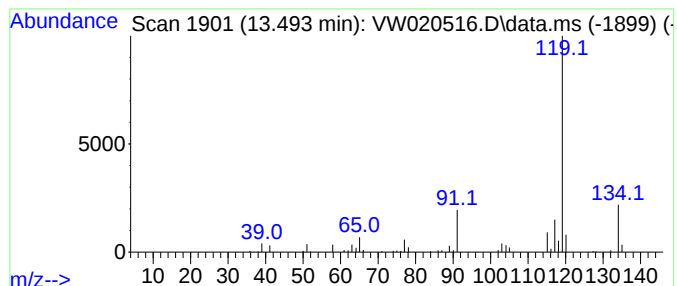
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Quant Title : SFAM01.0

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

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Peak Number 4 o-Cymene Concentration Rank 4

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.493 | 2.55 ug/L | 70144 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 91   |
| 2    |    |   | p-Cymene                            | 134 | C10H14  | 000099-87-6 | 91   |
| 3    |    |   | p-Cymene                            | 134 | C10H14  | 000099-87-6 | 91   |
| 4    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 91   |
| 5    |    |   | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101421\  
Data File : VW020516.D  
Acq On : 15 Oct 2021 01:36  
Operator : SY/VA  
Sample : M4210-04  
Misc : 4.67g/10mL/MSVOA\_W/SOIL  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JDGC4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
Quant Title : SFAM01.0

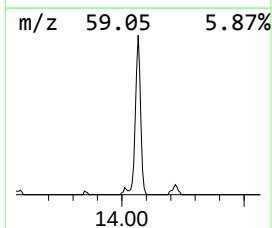
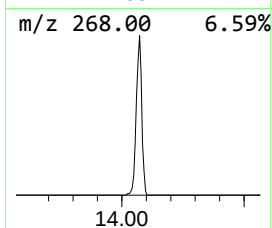
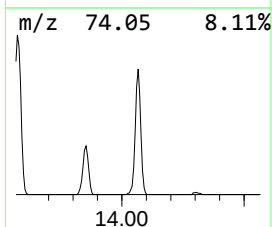
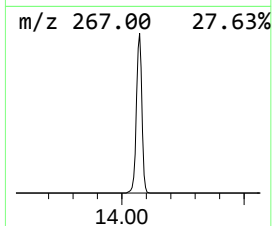
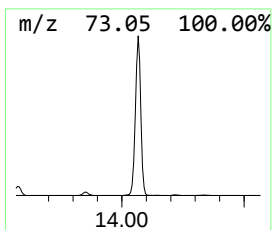
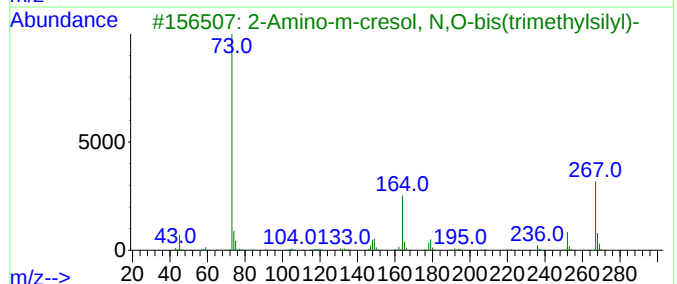
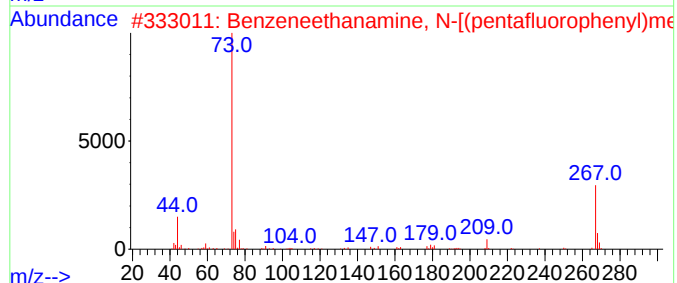
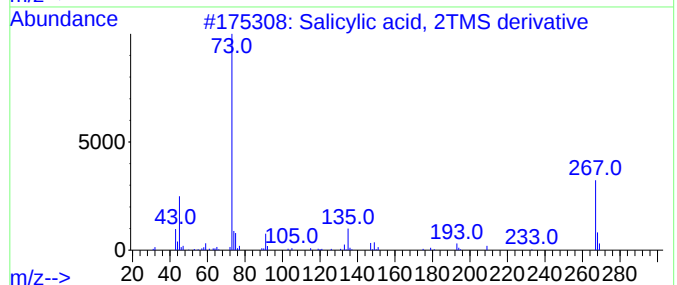
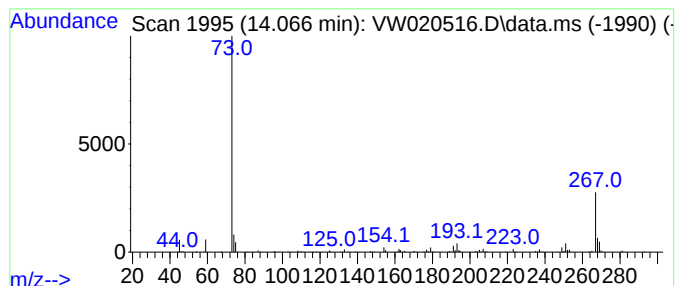
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Salicylic acid, 2TMS deriva... Concentration Rank 1

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 14.066 | 9.44 ug/L | 259635 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of | 5 | Tentative ID                           | MW  | MolForm        | CAS#         | Qual |
|------|----|---|----------------------------------------|-----|----------------|--------------|------|
| 1    |    |   | Salicylic acid, 2TMS derivative        | 282 | C13H22O3Si2    | 003789-85-3  | 59   |
| 2    |    |   | Benzeneethanamine, N-[(pentafluoro...] | 475 | C21H26F5NO2Si2 | 055429-85-1  | 53   |
| 3    |    |   | 2-Amino-m-cresol, N,O-bis(trimet...    | 267 | C13H25NOSi2    | 1000449-77-1 | 50   |
| 4    |    |   | 4-(Methylamino)phenol, N,O-bis(t...    | 267 | C13H25NOSi2    | 1000471-13-0 | 45   |
| 5    |    |   | Salicylic acid, 2TMS derivative        | 282 | C13H22O3Si2    | 003789-85-3  | 45   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101421\  
Data File : VW020516.D  
Acq On : 15 Oct 2021 01:36  
Operator : SY/VA  
Sample : M4210-04  
Misc : 4.67g/10mL/MSVOA\_W/SOIL  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JDGC4

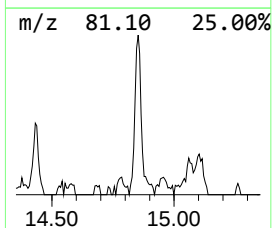
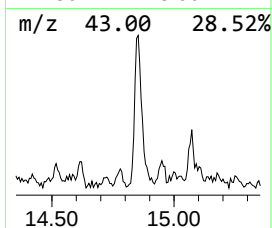
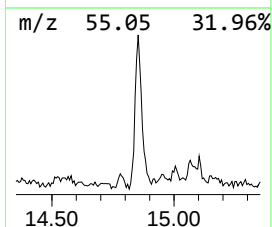
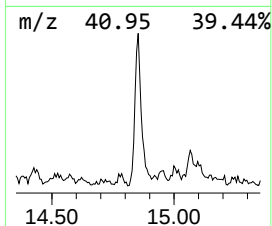
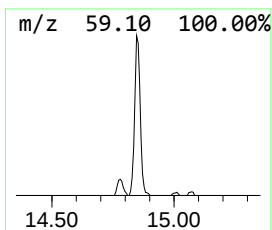
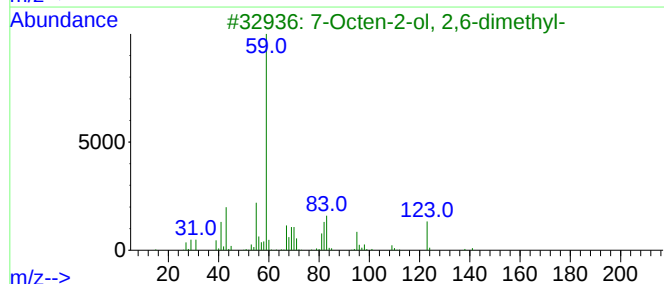
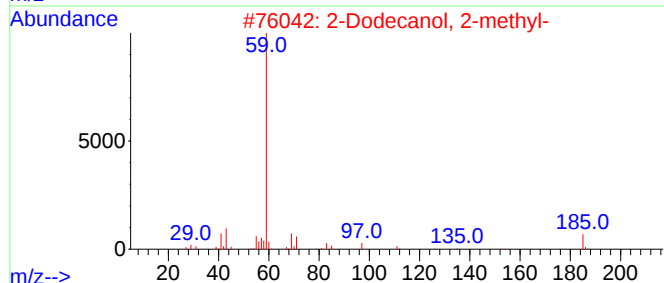
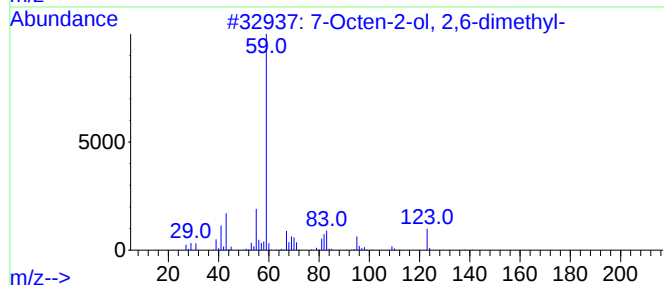
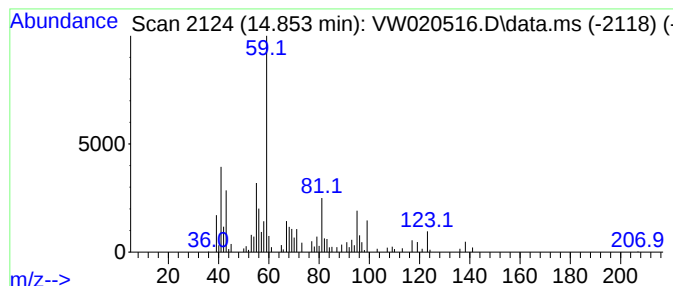
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Quant Title : SFAM01.0

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

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Peak Number 6 unknown-01 Concentration Rank 7

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.853 | 1.90 ug/L | 52338 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of                                 | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 7-Octen-2-ol, 2,6-dimethyl-        | 156 | C10H20O      | 018479-58-8  | 47      |      |      |
| 2    | 2-Dodecanol, 2-methyl-             | 200 | C13H28O      | 001653-37-8  | 43      |      |      |
| 3    | 7-Octen-2-ol, 2,6-dimethyl-        | 156 | C10H20O      | 018479-58-8  | 38      |      |      |
| 4    | 2-Hydroxy-2-methylundec-5-en-3-one | 198 | C12H22O2     | 1000191-46-2 | 38      |      |      |
| 5    | 2-Cyclobutyl-2-propanol            | 114 | C7H14O       | 059383-67-4  | 37      |      |      |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101421\  
Data File : VW020516.D  
Acq On : 15 Oct 2021 01:36  
Operator : SY/VA  
Sample : M4210-04  
Misc : 4.67g/10mL/MSVOA\_W/SOIL  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JDGC4

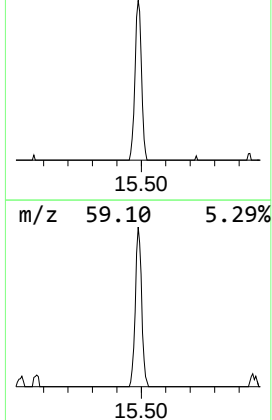
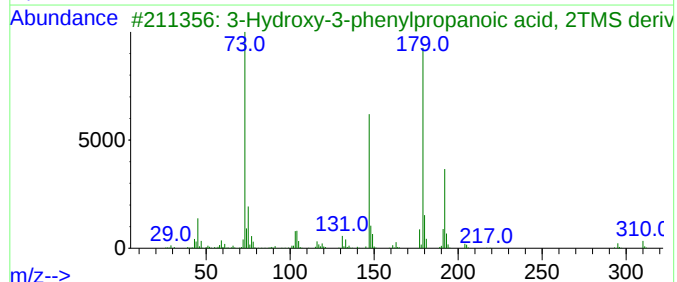
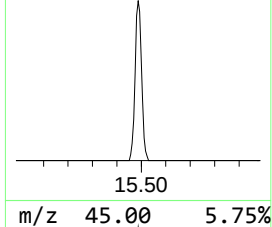
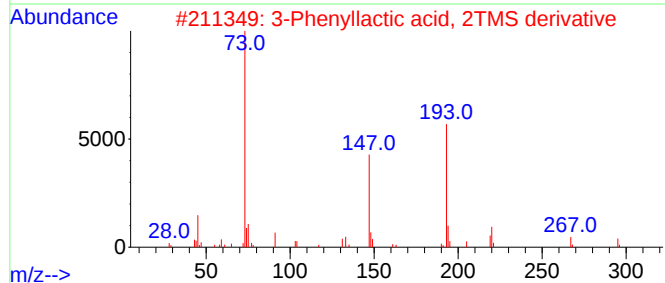
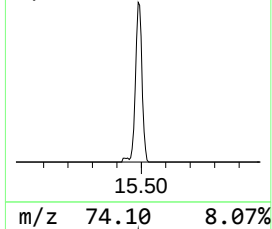
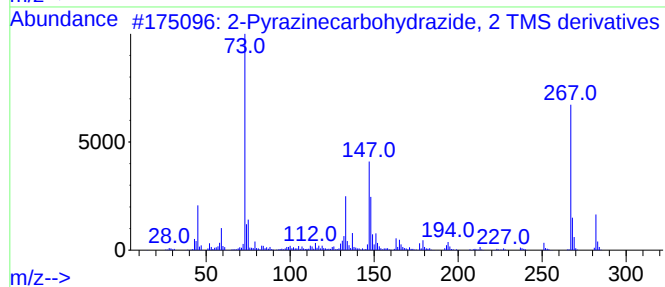
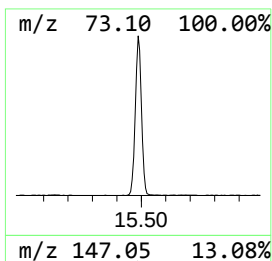
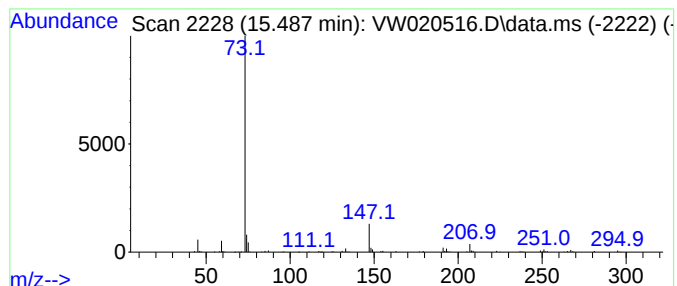
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
Quant Title : SFAM01.0

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

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Peak Number 7 unknown-02 Concentration Rank 3

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 15.487 | 3.80 ug/L | 104464 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 2-Pyrazinecarbohydrazide, 2 TMS ... | 282 | C11H22N4OSi2 | 1000477-45-2 | 36      |      |      |
| 2    | 3-Phenyllactic acid, 2TMS deriva... | 310 | C15H26O3Si2  | 027750-45-4  | 33      |      |      |
| 3    | 3-Hydroxy-3-phenylpropanoic acid... | 310 | C15H26O3Si2  | 1000079-40-7 | 33      |      |      |
| 4    | 3-Phenyllactic acid, 2TMS deriva... | 310 | C15H26O3Si2  | 027750-45-4  | 32      |      |      |
| 5    | 1,1,2,2,3,3-Hexamethyl-1-[(trime... | 264 | C9H28OSi4    | 1000487-00-6 | 28      |      |      |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101421\  
Data File : VW020516.D  
Acq On : 15 Oct 2021 01:36  
Operator : SY/VA  
Sample : M4210-04  
Misc : 4.67g/10mL/MSVOA\_W/SOIL  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JDGC4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.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 |
| Sulfur dioxide     | 2.154  | 2.1     | ug/L  | 51514    | 1                     | 8.848  | 605182 | 25.0 |
| D-Limonene         | 13.469 | 2.4     | ug/L  | 67092    | 3                     | 13.560 | 687755 | 25.0 |
| o-Cymene           | 13.493 | 2.5     | ug/L  | 70144    | 3                     | 13.560 | 687755 | 25.0 |
| Salicylic acid,... | 14.066 | 9.4     | ug/L  | 259635   | 3                     | 13.560 | 687755 | 25.0 |
| unknown-01         | 14.853 | 1.9     | ug/L  | 52338    | 3                     | 13.560 | 687755 | 25.0 |
| unknown-02         | 15.487 | 3.8     | ug/L  | 104464   | 3                     | 13.560 | 687755 | 25.0 |