

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042424\  
 Data File : VW028540.D  
 Acq On : 24 Apr 2024 15:11  
 Operator : SY/MD  
 Sample : P2238-02  
 Misc : 2.95g/10mL/MSVOA\_W/SOIL/C  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E1CX6

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

Signal : TIC: VW028540.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         | 2.040       | 21            | 25          | 26           | rBV4     | 995            | 1410          | 0.08%           | 0.008%        |
| 2         | 2.162       | 42            | 45          | 47           | rVB4     | 1828           | 1814          | 0.10%           | 0.011%        |
| 3         | 2.186       | 47            | 49          | 50           | rBV2     | 1331           | 1359          | 0.07%           | 0.008%        |
| 4         | 2.223       | 50            | 55          | 56           | rBV5     | 2471           | 3629          | 0.19%           | 0.022%        |
| 5         | 2.363       | 71            | 78          | 90           | rBV      | 124363         | 268784        | 14.41%          | 1.610%        |
| 6         | 2.899       | 159           | 166         | 181          | rBV      | 89095          | 238325        | 12.78%          | 1.428%        |
| 7         | 3.741       | 303           | 304         | 308          | rVB4     | 1262           | 1059          | 0.06%           | 0.006%        |
| 8         | 3.826       | 315           | 318         | 319          | rBV3     | 1025           | 1040          | 0.06%           | 0.006%        |
| 9         | 3.887       | 326           | 328         | 330          | rBV3     | 1071           | 1084          | 0.06%           | 0.006%        |
| 10        | 4.021       | 339           | 350         | 363          | rBV      | 215440         | 628426        | 33.70%          | 3.765%        |
| 11        | 4.247       | 382           | 387         | 388          | rBV4     | 849            | 1335          | 0.07%           | 0.008%        |
| 12        | 4.320       | 397           | 399         | 402          | rBV4     | 1659           | 1736          | 0.09%           | 0.010%        |
| 13        | 4.387       | 404           | 410         | 421          | rVV4     | 4389           | 13551         | 0.73%           | 0.081%        |
| 14        | 4.582       | 439           | 442         | 444          | rBV4     | 1160           | 1546          | 0.08%           | 0.009%        |
| 15        | 4.923       | 486           | 498         | 513          | rBV      | 41708          | 140198        | 7.52%           | 0.840%        |
| 16        | 5.027       | 513           | 515         | 520          | rVB6     | 1559           | 2394          | 0.13%           | 0.014%        |
| 17        | 5.070       | 520           | 522         | 525          | rBV4     | 1003           | 1134          | 0.06%           | 0.007%        |
| 18        | 5.118       | 525           | 530         | 531          | rBV5     | 1154           | 1790          | 0.10%           | 0.011%        |
| 19        | 5.210       | 544           | 545         | 549          | rVB4     | 824            | 1004          | 0.05%           | 0.006%        |
| 20        | 5.289       | 557           | 558         | 562          | rVB4     | 1223           | 1344          | 0.07%           | 0.008%        |
| 21        | 5.381       | 570           | 573         | 575          | rVB4     | 1022           | 1204          | 0.06%           | 0.007%        |
| 22        | 5.429       | 575           | 581         | 584          | rBV9     | 921            | 2093          | 0.11%           | 0.013%        |
| 23        | 5.612       | 606           | 611         | 613          | rBV5     | 1058           | 1976          | 0.11%           | 0.012%        |
| 24        | 5.649       | 613           | 617         | 619          | rVB5     | 1251           | 1354          | 0.07%           | 0.008%        |
| 25        | 5.685       | 619           | 623         | 625          | rBV5     | 1016           | 1233          | 0.07%           | 0.007%        |
| 26        | 5.740       | 628           | 632         | 633          | rBV3     | 867            | 1109          | 0.06%           | 0.007%        |
| 27        | 5.947       | 657           | 666         | 675          | rBV4     | 20015          | 58760         | 3.15%           | 0.352%        |
| 28        | 6.393       | 736           | 739         | 742          | rBV5     | 1087           | 1057          | 0.06%           | 0.006%        |
| 29        | 6.429       | 742           | 745         | 749          | rVV6     | 906            | 1492          | 0.08%           | 0.009%        |
| 30        | 6.496       | 753           | 756         | 758          | rBV4     | 1184           | 1680          | 0.09%           | 0.010%        |
| 31        | 6.606       | 770           | 774         | 775          | rBV4     | 1356           | 1189          | 0.06%           | 0.007%        |
| 32        | 6.618       | 775           | 776         | 779          | rVB2     | 1431           | 1449          | 0.08%           | 0.009%        |
| 33        | 6.819       | 807           | 809         | 812          | rVB4     | 966            | 1202          | 0.06%           | 0.007%        |
| 34        | 6.990       | 834           | 837         | 841          | rBV6     | 949            | 1298          | 0.07%           | 0.008%        |
| 35        | 7.081       | 844           | 852         | 858          | rBV2     | 38321          | 119333        | 6.40%           | 0.715%        |
| 36        | 7.551       | 927           | 929         | 930          | rBV2     | 1456           | 1176          | 0.06%           | 0.007%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042424\  
 Data File : VW028540.D  
 Acq On : 24 Apr 2024 15:11  
 Operator : SY/MD  
 Sample : P2238-02  
 Misc : 2.95g/10mL/MSVOA\_W/SOIL/C  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E1CX6

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

|    |        |      |      |      |       |        |         |         |         |
|----|--------|------|------|------|-------|--------|---------|---------|---------|
| 37 | 7.679  | 934  | 950  | 962  | rBV2  | 295276 | 795566  | 42.67%  | 4.766%  |
| 38 | 7.984  | 998  | 1000 | 1005 | rVB5  | 934    | 1080    | 0.06%   | 0.006%  |
| 39 | 8.276  | 1036 | 1048 | 1065 | rBV2  | 648642 | 1864614 | 100.00% | 11.171% |
| 40 | 8.563  | 1092 | 1095 | 1098 | rBV5  | 972    | 1219    | 0.07%   | 0.007%  |
| 41 | 8.837  | 1132 | 1140 | 1152 | rBV   | 680415 | 1373169 | 73.64%  | 8.227%  |
| 42 | 9.026  | 1165 | 1171 | 1172 | rVV   | 14991  | 20706   | 1.11%   | 0.124%  |
| 43 | 9.075  | 1173 | 1179 | 1191 | rVB2  | 412359 | 889085  | 47.68%  | 5.326%  |
| 44 | 9.270  | 1203 | 1211 | 1223 | rBV   | 433709 | 876881  | 47.03%  | 5.253%  |
| 45 | 9.496  | 1245 | 1248 | 1249 | rBV2  | 1366   | 1555    | 0.08%   | 0.009%  |
| 46 | 9.569  | 1257 | 1260 | 1262 | rBV4  | 1379   | 1815    | 0.10%   | 0.011%  |
| 47 | 9.611  | 1264 | 1267 | 1272 | rVV7  | 824    | 1843    | 0.10%   | 0.011%  |
| 48 | 10.032 | 1328 | 1336 | 1347 | rBV   | 226630 | 409137  | 21.94%  | 2.451%  |
| 49 | 10.203 | 1362 | 1364 | 1367 | rBV4  | 1607   | 1516    | 0.08%   | 0.009%  |
| 50 | 10.319 | 1374 | 1383 | 1395 | rBV   | 888370 | 1570537 | 84.23%  | 9.409%  |
| 51 | 10.483 | 1408 | 1410 | 1411 | rBV2  | 1752   | 1181    | 0.06%   | 0.007%  |
| 52 | 10.575 | 1419 | 1425 | 1434 | rVV   | 135359 | 232829  | 12.49%  | 1.395%  |
| 53 | 10.697 | 1439 | 1445 | 1452 | rVB2  | 7713   | 16772   | 0.90%   | 0.100%  |
| 54 | 10.855 | 1466 | 1471 | 1476 | rBV8  | 3308   | 6351    | 0.34%   | 0.038%  |
| 55 | 10.922 | 1476 | 1482 | 1491 | rBV2  | 148878 | 276770  | 14.84%  | 1.658%  |
| 56 | 11.343 | 1547 | 1551 | 1553 | rVB4  | 1149   | 1563    | 0.08%   | 0.009%  |
| 57 | 11.434 | 1562 | 1566 | 1573 | rVB10 | 1813   | 3105    | 0.17%   | 0.019%  |
| 58 | 11.495 | 1573 | 1576 | 1578 | rVB4  | 1219   | 1244    | 0.07%   | 0.007%  |
| 59 | 11.520 | 1578 | 1580 | 1582 | rBV3  | 980    | 1048    | 0.06%   | 0.006%  |
| 60 | 11.544 | 1582 | 1584 | 1587 | rBV4  | 1029   | 1138    | 0.06%   | 0.007%  |
| 61 | 11.629 | 1590 | 1598 | 1606 | rBV   | 956287 | 1613827 | 86.55%  | 9.668%  |
| 62 | 11.727 | 1612 | 1614 | 1619 | rVB6  | 2215   | 2948    | 0.16%   | 0.018%  |
| 63 | 11.800 | 1623 | 1626 | 1627 | rBV3  | 963    | 1142    | 0.06%   | 0.007%  |
| 64 | 11.831 | 1629 | 1631 | 1637 | rVB7  | 2152   | 3297    | 0.18%   | 0.020%  |
| 65 | 12.166 | 1684 | 1686 | 1690 | rVV5  | 1576   | 2269    | 0.12%   | 0.014%  |
| 66 | 12.282 | 1702 | 1705 | 1711 | rBV8  | 844    | 1915    | 0.10%   | 0.011%  |
| 67 | 12.459 | 1731 | 1734 | 1735 | rVV3  | 1668   | 1617    | 0.09%   | 0.010%  |
| 68 | 12.605 | 1751 | 1758 | 1762 | rVV   | 9599   | 17824   | 0.96%   | 0.107%  |
| 69 | 12.696 | 1768 | 1773 | 1778 | rBV7  | 2319   | 4521    | 0.24%   | 0.027%  |
| 70 | 12.824 | 1790 | 1794 | 1797 | rBV6  | 1428   | 2211    | 0.12%   | 0.013%  |
| 71 | 12.885 | 1802 | 1804 | 1806 | rVV3  | 1329   | 1244    | 0.07%   | 0.007%  |
| 72 | 12.928 | 1809 | 1811 | 1814 | rVV3  | 1651   | 2007    | 0.11%   | 0.012%  |
| 73 | 13.019 | 1825 | 1826 | 1831 | rVB6  | 1015   | 1238    | 0.07%   | 0.007%  |
| 74 | 13.068 | 1831 | 1834 | 1836 | rBV3  | 1451   | 1398    | 0.07%   | 0.008%  |
| 75 | 13.117 | 1839 | 1842 | 1846 | rVB6  | 2071   | 2592    | 0.14%   | 0.016%  |
| 76 | 13.166 | 1848 | 1850 | 1851 | rVV2  | 1395   | 1034    | 0.06%   | 0.006%  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042424\  
 Data File : VW028540.D  
 Acq On : 24 Apr 2024 15:11  
 Operator : SY/MD  
 Sample : P2238-02  
 Misc : 2.95g/10mL/MSVOA\_W/SOIL/C  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E1CX6

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 77  | 13.190 | 1851 | 1854 | 1857 | rVB5 | 2410   | 2865    | 0.15%  | 0.017% |
| 78  | 13.294 | 1866 | 1871 | 1876 | rVB7 | 4344   | 7925    | 0.43%  | 0.047% |
| 79  | 13.397 | 1880 | 1888 | 1893 | rBV5 | 5890   | 12928   | 0.69%  | 0.077% |
| 80  | 13.556 | 1906 | 1914 | 1923 | rBV  | 936759 | 1501987 | 80.55% | 8.998% |
| 81  | 13.641 | 1924 | 1928 | 1938 | rVV  | 49469  | 83830   | 4.50%  | 0.502% |
| 82  | 13.848 | 1954 | 1962 | 1976 | rBV  | 726558 | 1212396 | 65.02% | 7.263% |
| 83  | 14.062 | 1992 | 1997 | 2005 | rVB2 | 9597   | 19100   | 1.02%  | 0.114% |
| 84  | 14.129 | 2005 | 2008 | 2011 | rVB5 | 1225   | 1334    | 0.07%  | 0.008% |
| 85  | 14.166 | 2011 | 2014 | 2016 | rBV4 | 814    | 1233    | 0.07%  | 0.007% |
| 86  | 14.263 | 2025 | 2030 | 2031 | rBV5 | 1449   | 2211    | 0.12%  | 0.013% |
| 87  | 14.318 | 2035 | 2039 | 2044 | rVV7 | 5575   | 10672   | 0.57%  | 0.064% |
| 88  | 14.379 | 2045 | 2049 | 2053 | rVB5 | 6519   | 10857   | 0.58%  | 0.065% |
| 89  | 14.422 | 2053 | 2056 | 2060 | rBV6 | 3385   | 4385    | 0.24%  | 0.026% |
| 90  | 14.489 | 2063 | 2067 | 2070 | rBV6 | 4868   | 6715    | 0.36%  | 0.040% |
| 91  | 14.543 | 2072 | 2076 | 2079 | rVV4 | 5468   | 8183    | 0.44%  | 0.049% |
| 92  | 14.714 | 2099 | 2104 | 2112 | rBV  | 84770  | 129845  | 6.96%  | 0.778% |
| 93  | 14.787 | 2113 | 2116 | 2119 | rVV3 | 12124  | 20387   | 1.09%  | 0.122% |
| 94  | 14.830 | 2119 | 2123 | 2131 | rVB2 | 51093  | 104501  | 5.60%  | 0.626% |
| 95  | 14.964 | 2142 | 2145 | 2148 | rBV5 | 14943  | 22962   | 1.23%  | 0.138% |
| 96  | 15.238 | 2187 | 2190 | 2197 | rVB2 | 47484  | 103250  | 5.54%  | 0.619% |
| 97  | 15.318 | 2198 | 2203 | 2209 | rVB  | 114655 | 193186  | 10.36% | 1.157% |
| 98  | 15.543 | 2235 | 2240 | 2248 | rVB  | 402366 | 647874  | 34.75% | 3.881% |
| 99  | 16.269 | 2355 | 2359 | 2368 | rVB  | 129272 | 244714  | 13.12% | 1.466% |
| 100 | 16.482 | 2388 | 2394 | 2399 | rBV  | 461436 | 816239  | 43.78% | 4.890% |

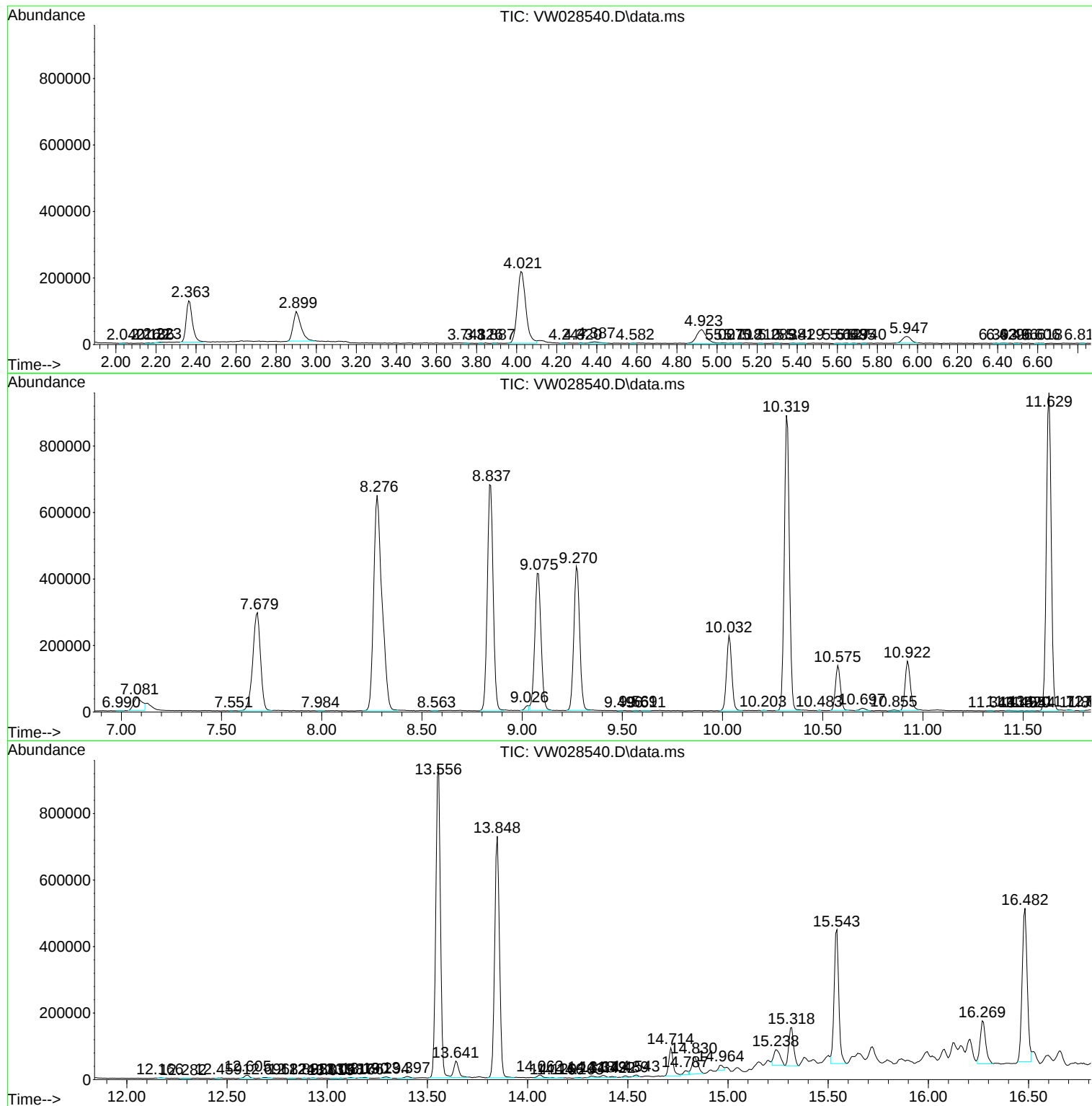
Sum of corrected areas: 16691954

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042424\  
Data File : VW028540.D  
Acq On : 24 Apr 2024 15:11  
Operator : SY/MD  
Sample : P2238-02  
Misc : 2.95g/10mL/MSVOA\_W/SOIL/C  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E1CX6

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042424\  
Data File : VW028540.D  
Acq On : 24 Apr 2024 15:11  
Operator : SY/MD  
Sample : P2238-02  
Misc : 2.95g/10mL/MSVOA\_W/SOIL/C  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E1CX6

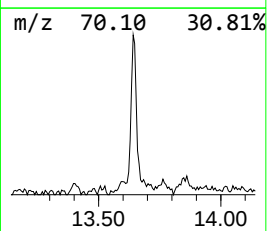
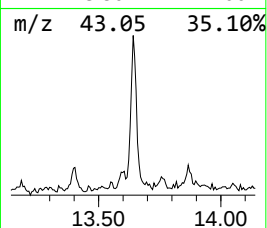
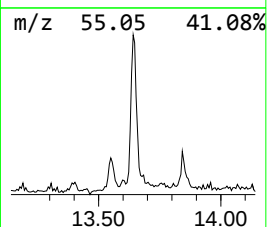
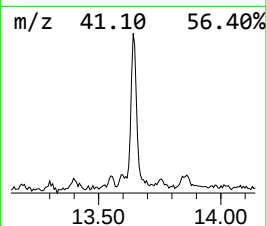
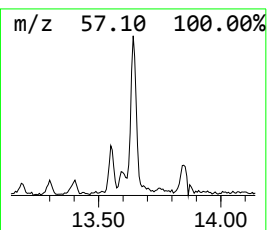
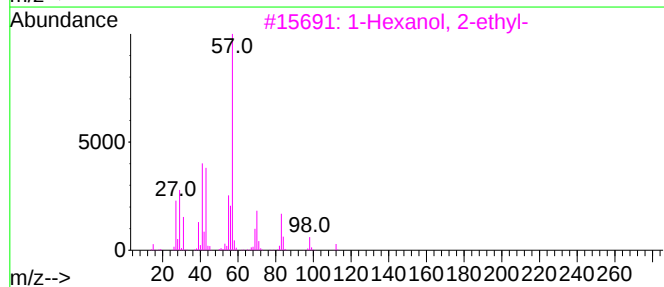
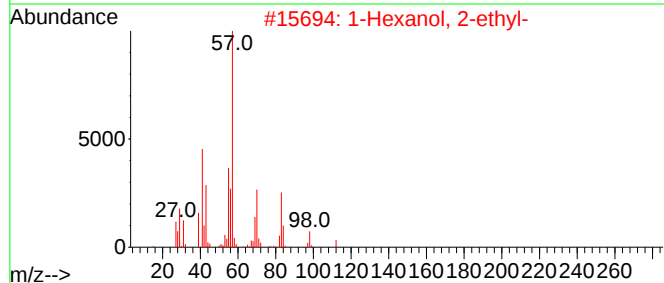
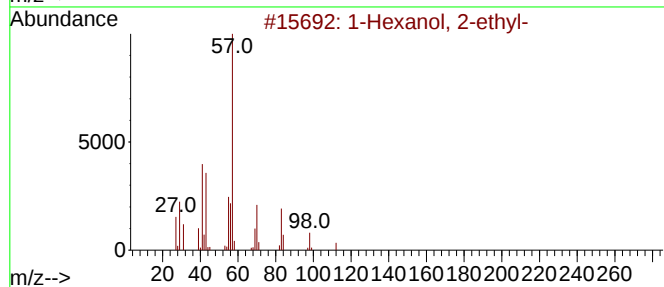
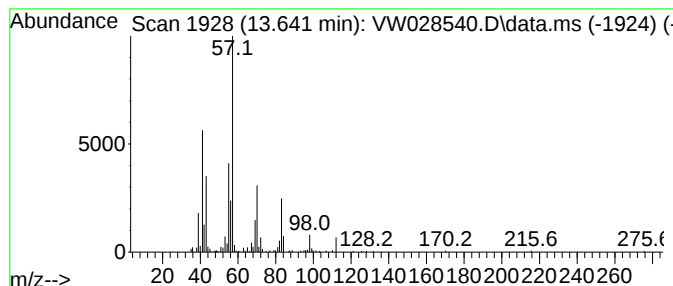
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 9

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.641 | 1.40 ug/L | 83830 | 1,4-Dichlorobenzene-d4 | 13.556 |

| Hit# | of                                  | 5 | Tentative ID | MW          | MolForm      | CAS# | Qual |
|------|-------------------------------------|---|--------------|-------------|--------------|------|------|
| 1    | 1-Hexanol, 2-ethyl-                 |   | 130          | C8H18O      | 000104-76-7  | 64   |      |
| 2    | 1-Hexanol, 2-ethyl-                 |   | 130          | C8H18O      | 000104-76-7  | 56   |      |
| 3    | 1-Hexanol, 2-ethyl-                 |   | 130          | C8H18O      | 000104-76-7  | 53   |      |
| 4    | Pentadecafluorooctanoic acid, 2-... |   | 526          | C16H17F15O2 | 1000406-80-9 | 50   |      |
| 5    | Bicyclo[3.1.0]hexan-2-ol            |   | 98           | C6H10O      | 1000194-18-6 | 47   |      |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042424\  
Data File : VW028540.D  
Acq On : 24 Apr 2024 15:11  
Operator : SY/MD  
Sample : P2238-02  
Misc : 2.95g/10mL/MSVOA\_W/SOIL/C  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E1CX6

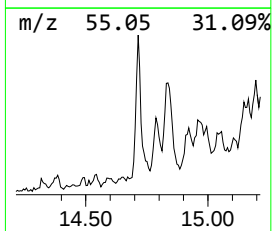
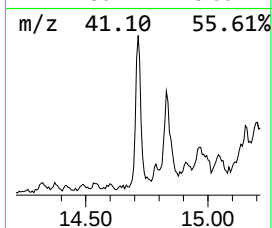
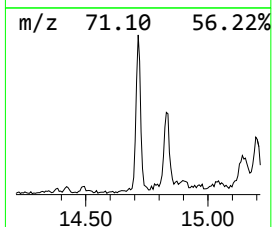
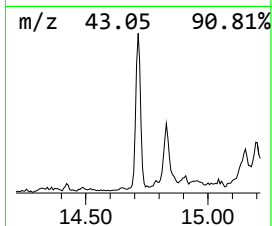
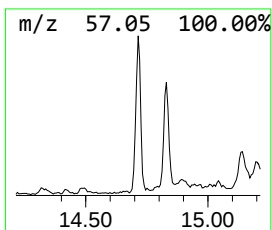
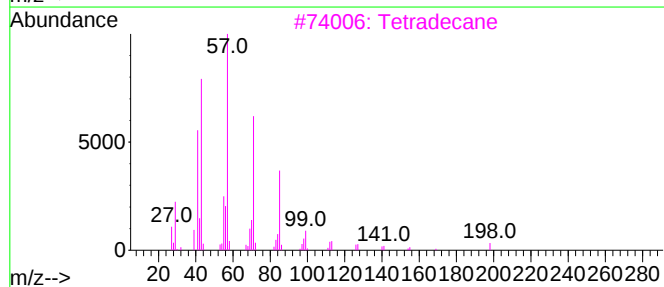
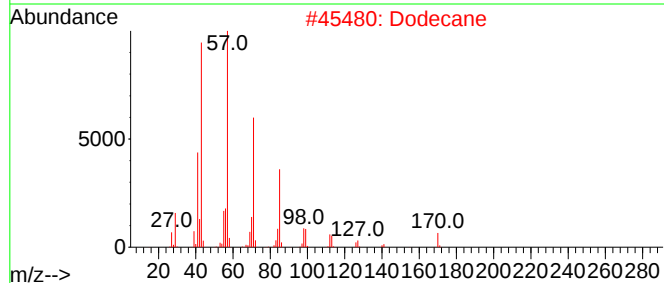
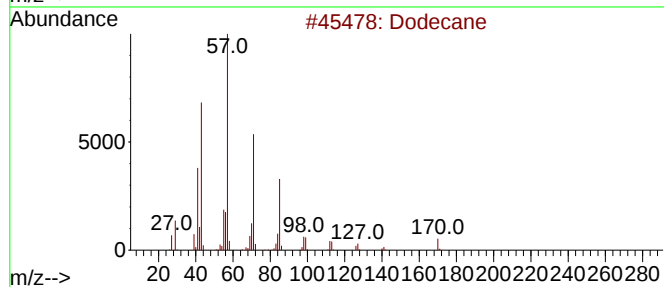
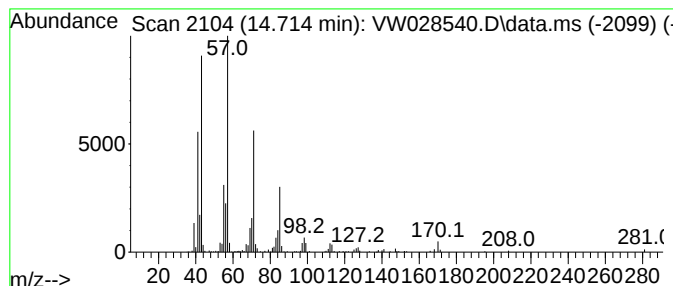
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 14.714 | 2.16 ug/L | 129845 | 1,4-Dichlorobenzene-d4 | 13.556 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane                            | 170 | C12H26  | 000112-40-3 | 93   |
| 2    |    |   | Dodecane                            | 170 | C12H26  | 000112-40-3 | 90   |
| 3    |    |   | Tetradecane                         | 198 | C14H30  | 000629-59-4 | 86   |
| 4    |    |   | Dodecane                            | 170 | C12H26  | 000112-40-3 | 86   |
| 5    |    |   | Heptadecane, 2,6,10,14-tetramethyl- | 296 | C21H44  | 018344-37-1 | 80   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042424\  
Data File : VW028540.D  
Acq On : 24 Apr 2024 15:11  
Operator : SY/MD  
Sample : P2238-02  
Misc : 2.95g/10mL/MSVOA\_W/SOIL/C  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E1CX6

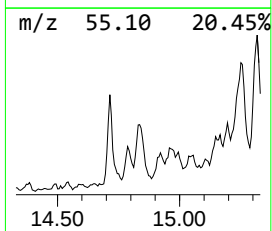
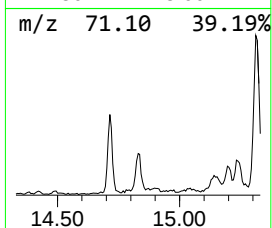
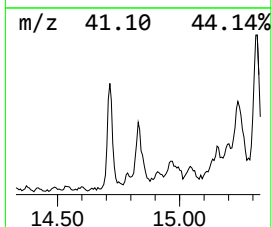
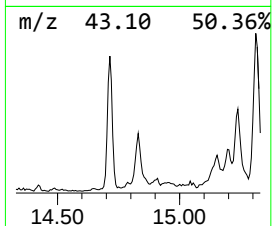
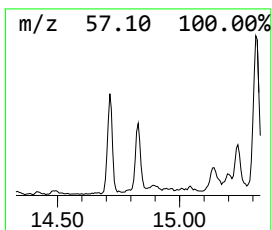
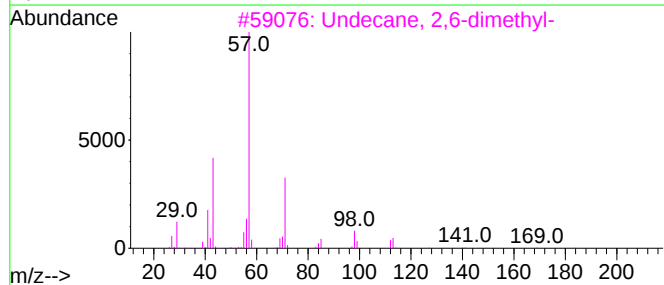
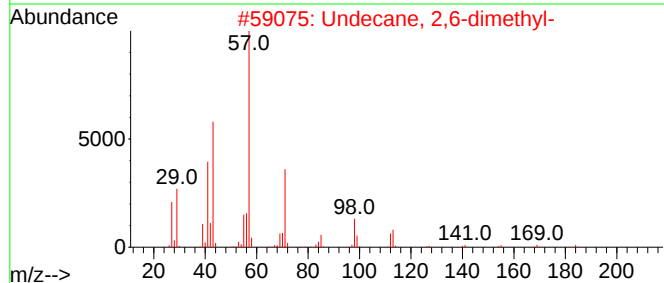
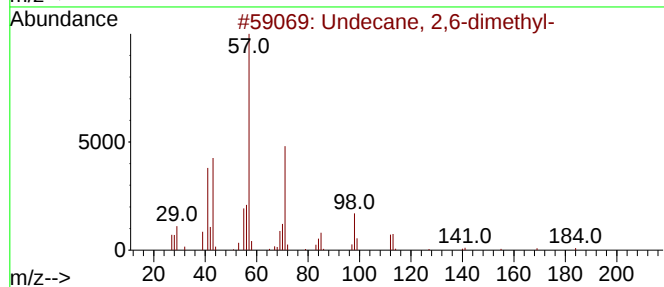
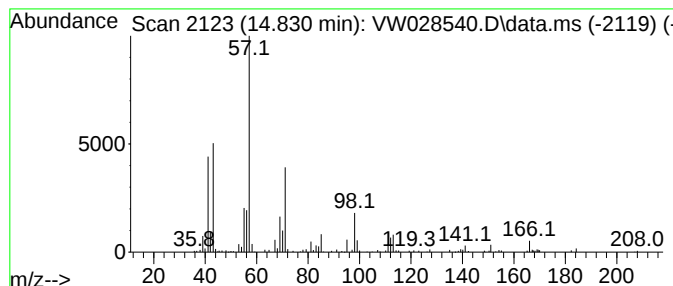
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
Quant Title : SFAM01.0

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

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

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 14.830 | 1.74 ug/L | 104501 | 1,4-Dichlorobenzene-d4 | 13.556 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Undecane, 2,6-dimethyl-     | 184 | C13H28  | 017301-23-4 | 87   |
| 2    |    |   | Undecane, 2,6-dimethyl-     | 184 | C13H28  | 017301-23-4 | 87   |
| 3    |    |   | Undecane, 2,6-dimethyl-     | 184 | C13H28  | 017301-23-4 | 62   |
| 4    |    |   | Dodecane, 2,7,10-trimethyl- | 212 | C15H32  | 074645-98-0 | 59   |
| 5    |    |   | Nonane, 3-methyl-           | 142 | C10H22  | 005911-04-6 | 52   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042424\  
Data File : VW028540.D  
Acq On : 24 Apr 2024 15:11  
Operator : SY/MD  
Sample : P2238-02  
Misc : 2.95g/10mL/MSVOA\_W/SOIL/C  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E1CX6

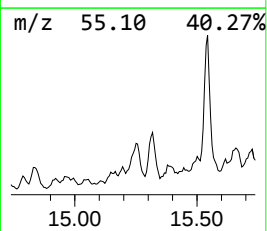
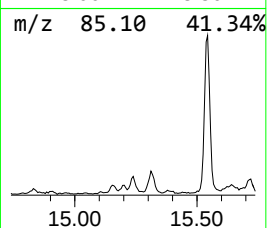
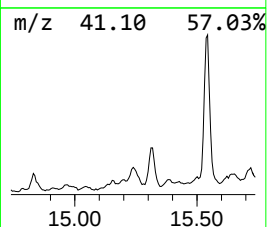
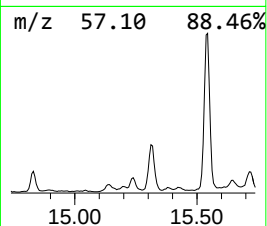
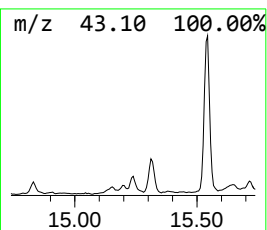
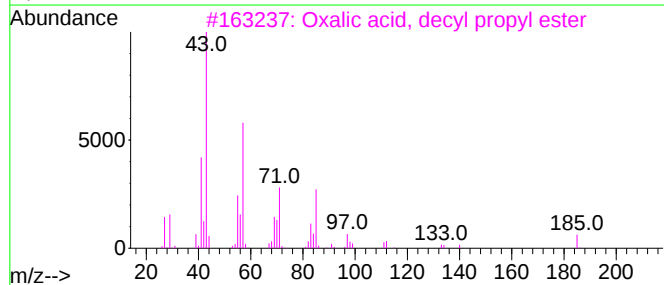
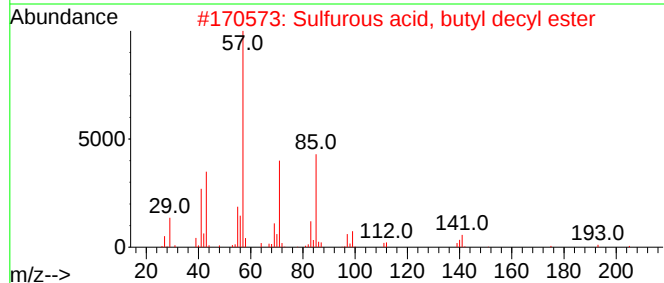
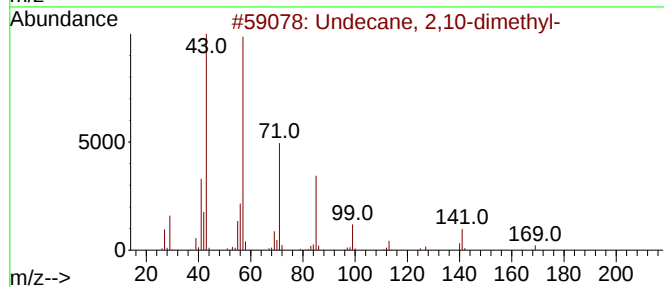
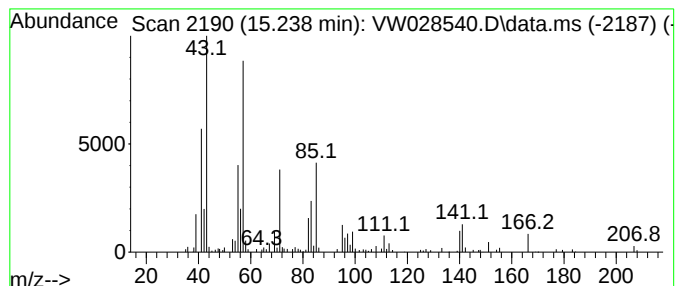
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 15.239 | 1.72 ug/L | 103250 | 1,4-Dichlorobenzene-d4 | 13.556 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-----------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Undecane, 2,10-dimethyl-          | 184 | C13H28    | 017301-27-8  | 64   |
| 2    |    |   | Sulfurous acid, butyl decyl ester | 278 | C14H30O3S | 1000309-17-7 | 59   |
| 3    |    |   | Oxalic acid, decyl propyl ester   | 272 | C15H28O4  | 1000309-26-3 | 50   |
| 4    |    |   | Nonadecane, 9-methyl-             | 282 | C20H42    | 013287-24-6  | 50   |
| 5    |    |   | Oxalic acid, allyl decyl ester    | 270 | C15H26O4  | 1010309-23-8 | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042424\  
Data File : VW028540.D  
Acq On : 24 Apr 2024 15:11  
Operator : SY/MD  
Sample : P2238-02  
Misc : 2.95g/10mL/MSVOA\_W/SOIL/C  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E1CX6

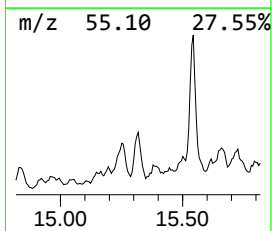
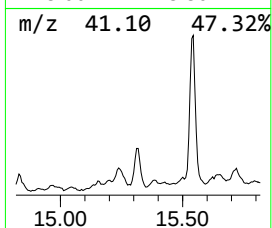
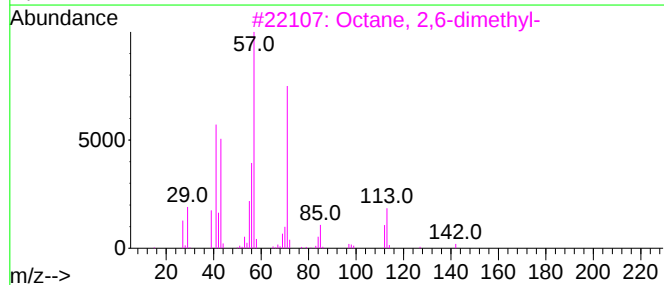
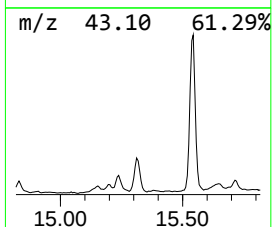
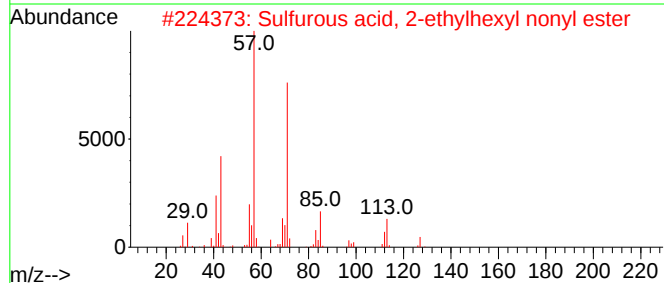
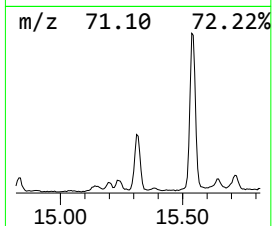
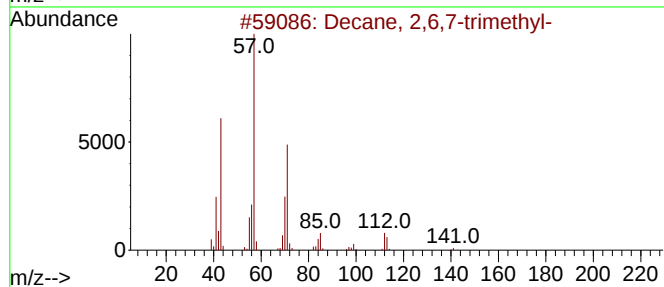
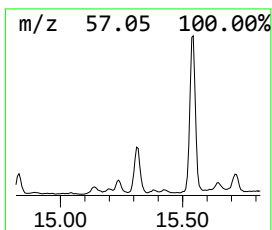
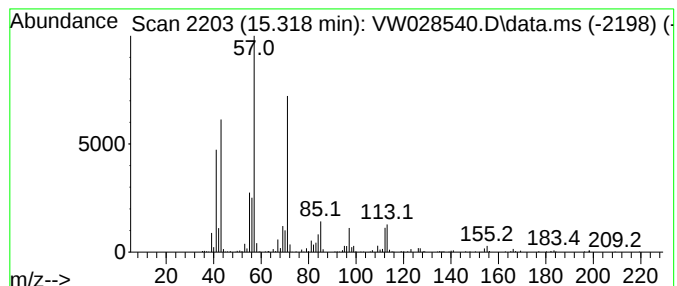
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 15.318 | 3.22 ug/L | 193186 | 1,4-Dichlorobenzene-d4 | 13.556 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | Decane, 2,6,7-trimethyl-            | 184 | C13H28    | 062108-25-2  | 86   |
| 2    |      | Sulfurous acid, 2-ethylhexyl non... | 320 | C17H36O3S | 1010309-19-2 | 72   |
| 3    |      | Octane, 2,6-dimethyl-               | 142 | C10H22    | 002051-30-1  | 64   |
| 4    |      | Nonane, 3-methyl-                   | 142 | C10H22    | 005911-04-6  | 59   |
| 5    |      | 6-Methyl-2-heptanol, 2-methylpro... | 200 | C12H24O2  | 1000447-36-7 | 59   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042424\  
Data File : VW028540.D  
Acq On : 24 Apr 2024 15:11  
Operator : SY/MD  
Sample : P2238-02  
Misc : 2.95g/10mL/MSVOA\_W/SOIL/C  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E1CX6

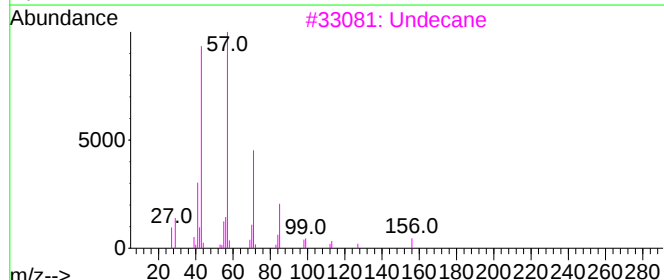
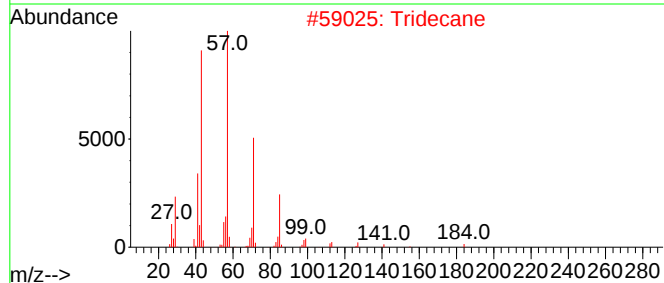
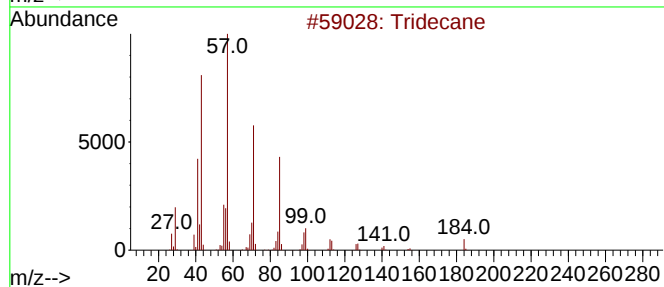
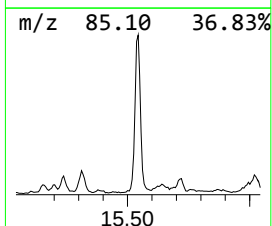
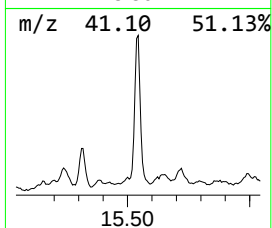
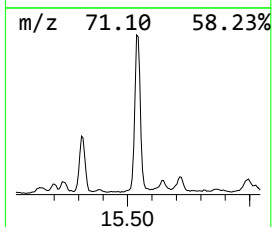
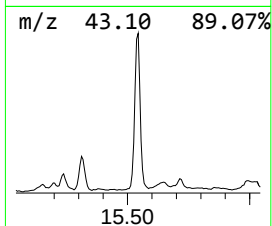
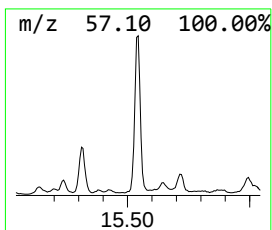
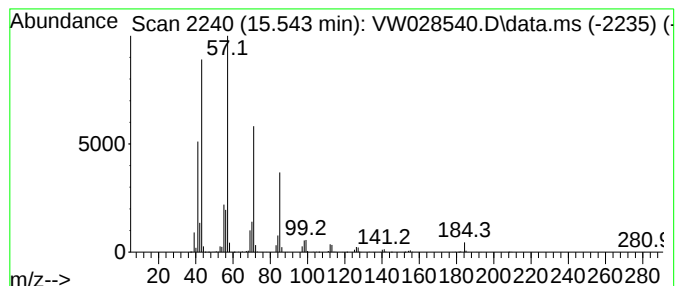
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.543 | 10.78 ug/L | 647874 | 1,4-Dichlorobenzene-d4 | 13.556 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|------|-------------------------------------|-----|----------|--------------|------|
| 1    |      | Tridecane                           | 184 | C13H28   | 000629-50-5  | 93   |
| 2    |      | Tridecane                           | 184 | C13H28   | 000629-50-5  | 93   |
| 3    |      | Undecane                            | 156 | C11H24   | 001120-21-4  | 90   |
| 4    |      | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3 | 1000382-90-9 | 90   |
| 5    |      | Tetradecane                         | 198 | C14H30   | 000629-59-4  | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042424\  
Data File : VW028540.D  
Acq On : 24 Apr 2024 15:11  
Operator : SY/MD  
Sample : P2238-02  
Misc : 2.95g/10mL/MSVOA\_W/SOIL/C  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E1CX6

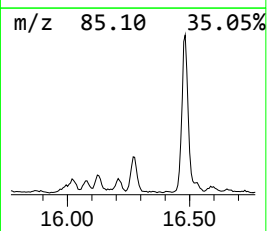
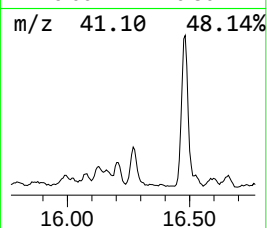
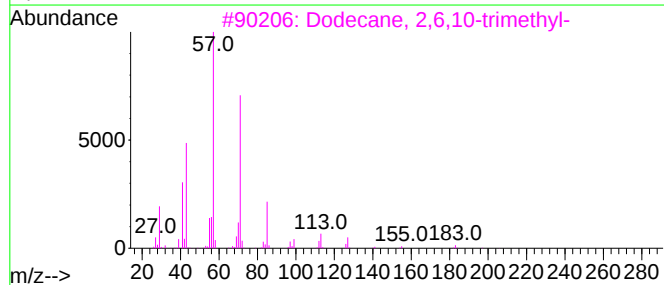
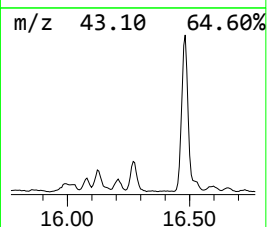
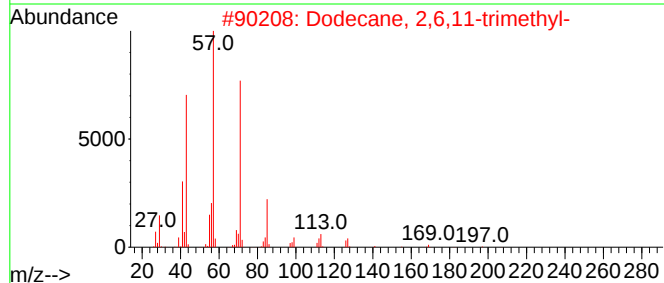
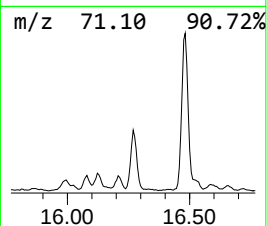
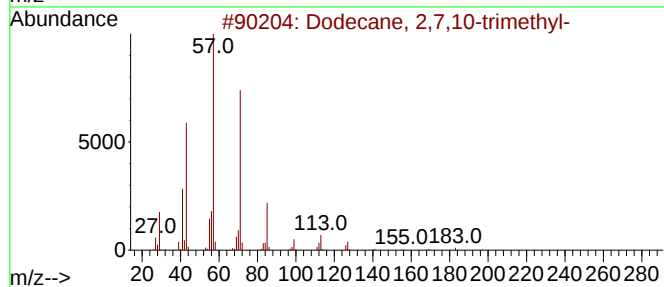
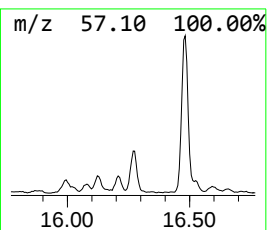
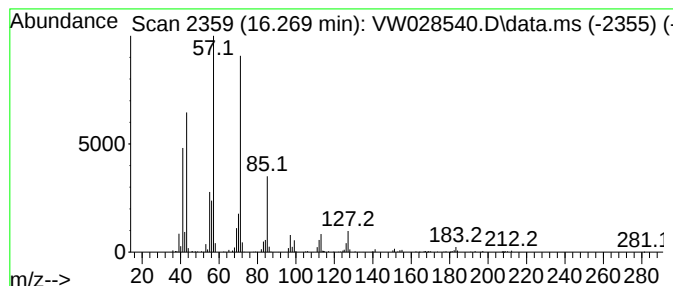
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 16.269 | 4.07 ug/L | 244714 | 1,4-Dichlorobenzene-d4 | 13.556 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 2,7,10-trimethyl- | 212 | C15H32  | 074645-98-0 | 90   |
| 2    |    |   | Dodecane, 2,6,11-trimethyl- | 212 | C15H32  | 031295-56-4 | 83   |
| 3    |    |   | Dodecane, 2,6,10-trimethyl- | 212 | C15H32  | 003891-98-3 | 80   |
| 4    |    |   | Undecane, 3,5-dimethyl-     | 184 | C13H28  | 017312-81-1 | 74   |
| 5    |    |   | Undecane, 6-ethyl-          | 184 | C13H28  | 017312-60-6 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042424\  
Data File : VW028540.D  
Acq On : 24 Apr 2024 15:11  
Operator : SY/MD  
Sample : P2238-02  
Misc : 2.95g/10mL/MSVOA\_W/SOIL/C  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E1CX6

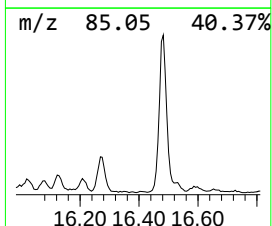
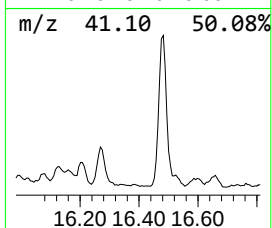
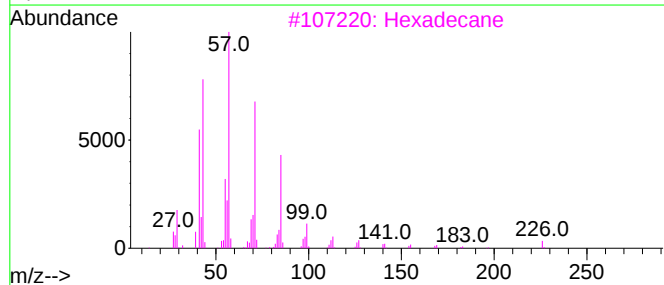
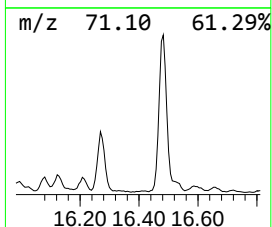
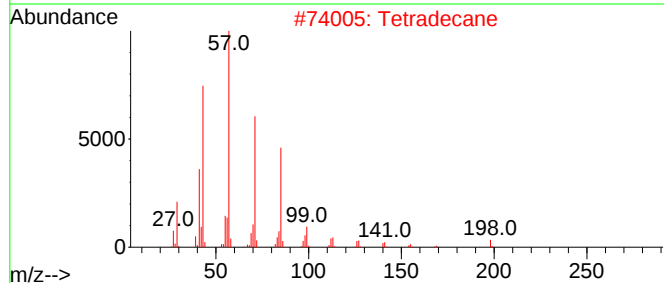
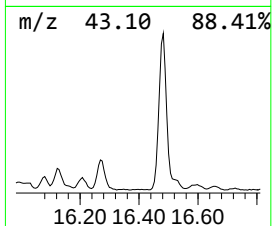
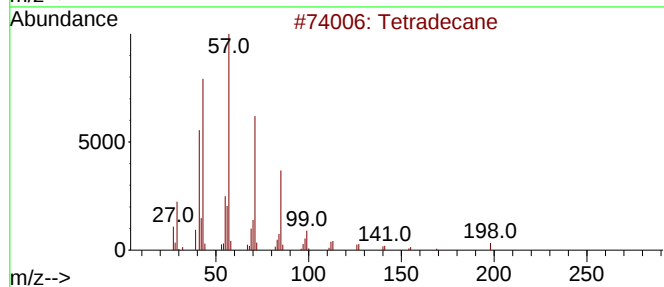
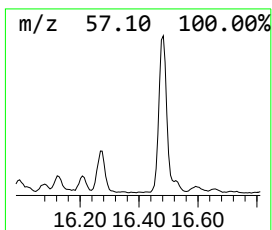
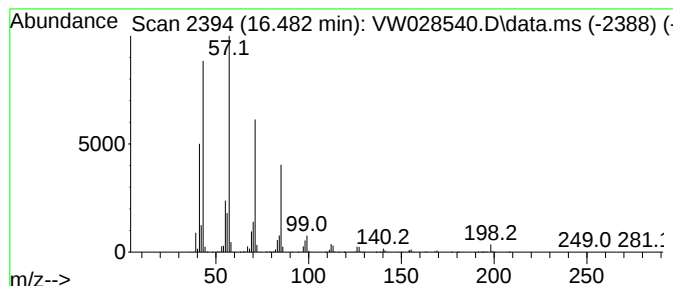
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 16.482 | 13.59 ug/L | 816239 | 1,4-Dichlorobenzene-d4 | 13.556 |

| Hit# | of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------|--------------|-----|---------|-------------|------|
| 1    |      | Tetradecane  | 198 | C14H30  | 000629-59-4 | 95   |
| 2    |      | Tetradecane  | 198 | C14H30  | 000629-59-4 | 94   |
| 3    |      | Hexadecane   | 226 | C16H34  | 000544-76-3 | 90   |
| 4    |      | Tridecane    | 184 | C13H28  | 000629-50-5 | 86   |
| 5    |      | Hexadecane   | 226 | C16H34  | 000544-76-3 | 83   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042424\  
Data File : VW028540.D  
Acq On : 24 Apr 2024 15:11  
Operator : SY/MD  
Sample : P2238-02  
Misc : 2.95g/10mL/MSVOA\_W/SOIL/C  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E1CX6

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

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| 1-Hexanol, 2-et... | 13.641 | 1.4     | ug/L  | 83830    | 3                     | 13.556 | 1501990 | 25.0 |
| (DEL) Alkane: S... | 14.714 | 2.2     | ug/L  | 129845   | 3                     | 13.556 | 1501990 | 25.0 |
| (DEL) Alkane: S... | 14.830 | 1.7     | ug/L  | 104501   | 3                     | 13.556 | 1501990 | 25.0 |
| (DEL) Alkane: S... | 15.239 | 1.7     | ug/L  | 103250   | 3                     | 13.556 | 1501990 | 25.0 |
| (DEL) Alkane: S... | 15.318 | 3.2     | ug/L  | 193186   | 3                     | 13.556 | 1501990 | 25.0 |
| (DEL) Alkane: S... | 15.543 | 10.8    | ug/L  | 647874   | 3                     | 13.556 | 1501990 | 25.0 |
| (DEL) Alkane: S... | 16.269 | 4.1     | ug/L  | 244714   | 3                     | 13.556 | 1501990 | 25.0 |
| (DEL) Alkane: S... | 16.482 | 13.6    | ug/L  | 816239   | 3                     | 13.556 | 1501990 | 25.0 |