

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101421\  
 Data File : VW020517.D  
 Acq On : 15 Oct 2021 02:00  
 Operator : SY/VA  
 Sample : M4210-05  
 Misc : 6.04g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JDGC7

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: VW020517.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         | 2.349       | 68            | 73          | 82           | rVB      | 80177          | 127744        | 12.80%          | 1.945%        |
| 2         | 2.885       | 154           | 161         | 170          | rVB      | 39636          | 79910         | 8.01%           | 1.217%        |
| 3         | 3.385       | 236           | 243         | 251          | rBV2     | 2502           | 5728          | 0.57%           | 0.087%        |
| 4         | 3.501       | 258           | 262         | 263          | rBV2     | 261            | 375           | 0.04%           | 0.006%        |
| 5         | 3.696       | 292           | 294         | 296          | rVB2     | 149            | 101           | 0.01%           | 0.002%        |
| 6         | 3.818       | 312           | 314         | 315          | rBV2     | 87             | 91            | 0.01%           | 0.001%        |
| 7         | 4.019       | 336           | 347         | 358          | rVV      | 110883         | 317625        | 31.83%          | 4.836%        |
| 8         | 4.129       | 359           | 365         | 380          | rVV      | 12361          | 34434         | 3.45%           | 0.524%        |
| 9         | 4.385       | 402           | 407         | 408          | rBV2     | 747            | 975           | 0.10%           | 0.015%        |
| 10        | 4.507       | 425           | 427         | 428          | rBV      | 97             | 100           | 0.01%           | 0.002%        |
| 11        | 4.678       | 450           | 455         | 457          | rBV3     | 239            | 341           | 0.03%           | 0.005%        |
| 12        | 4.726       | 460           | 463         | 464          | rVV3     | 140            | 144           | 0.01%           | 0.002%        |
| 13        | 4.818       | 476           | 478         | 481          | rBV2     | 103            | 147           | 0.01%           | 0.002%        |
| 14        | 4.922       | 481           | 495         | 509          | rBV      | 30528          | 97354         | 9.76%           | 1.482%        |
| 15        | 5.068       | 517           | 519         | 520          | rVB      | 202            | 86            | 0.01%           | 0.001%        |
| 16        | 5.129       | 526           | 529         | 531          | rBV3     | 128            | 147           | 0.01%           | 0.002%        |
| 17        | 5.318       | 556           | 560         | 563          | rBV      | 140            | 158           | 0.02%           | 0.002%        |
| 18        | 5.391       | 569           | 572         | 574          | rBV2     | 115            | 134           | 0.01%           | 0.002%        |
| 19        | 5.946       | 654           | 663         | 672          | rVV3     | 2853           | 8531          | 0.85%           | 0.130%        |
| 20        | 6.232       | 708           | 710         | 711          | rBV      | 97             | 79            | 0.01%           | 0.001%        |
| 21        | 6.379       | 732           | 734         | 738          | rBV2     | 109            | 165           | 0.02%           | 0.003%        |
| 22        | 6.994       | 832           | 835         | 836          | rBV      | 241            | 184           | 0.02%           | 0.003%        |
| 23        | 7.086       | 841           | 850         | 860          | rBV      | 22168          | 61743         | 6.19%           | 0.940%        |
| 24        | 7.543       | 918           | 925         | 932          | rBV3     | 1817           | 4899          | 0.49%           | 0.075%        |
| 25        | 7.653       | 932           | 943         | 958          | rVV      | 172748         | 424599        | 42.55%          | 6.464%        |
| 26        | 7.769       | 960           | 962         | 965          | rBV3     | 160            | 177           | 0.02%           | 0.003%        |
| 27        | 7.964       | 988           | 994         | 996          | rVB3     | 404            | 690           | 0.07%           | 0.011%        |
| 28        | 7.994       | 996           | 999         | 1001         | rVB2     | 84             | 88            | 0.01%           | 0.001%        |
| 29        | 8.037       | 1004          | 1006        | 1008         | rVB      | 163            | 126           | 0.01%           | 0.002%        |
| 30        | 8.061       | 1008          | 1010        | 1011         | rVB2     | 113            | 78            | 0.01%           | 0.001%        |
| 31        | 8.073       | 1011          | 1012        | 1015         | rBV      | 186            | 157           | 0.02%           | 0.002%        |
| 32        | 8.281       | 1035          | 1046        | 1061         | rBV2     | 339889         | 997977        | 100.00%         | 15.193%       |
| 33        | 8.695       | 1109          | 1114        | 1120         | rBV4     | 638            | 1280          | 0.13%           | 0.019%        |
| 34        | 8.848       | 1130          | 1139        | 1158         | rVV      | 304742         | 603664        | 60.49%          | 9.190%        |
| 35        | 9.012       | 1163          | 1166        | 1169         | rBV2     | 211            | 256           | 0.03%           | 0.004%        |
| 36        | 9.043       | 1169          | 1171        | 1172         | rVV2     | 209            | 129           | 0.01%           | 0.002%        |

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 ClientSampleId :  
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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

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 37 | 9.079  | 1172 | 1177 | 1182 | rVV3 | 1427   | 2567   | 0.26%  | 0.039%  |
| 38 | 9.274  | 1200 | 1209 | 1219 | rBV  | 240046 | 486026 | 48.70% | 7.399%  |
| 39 | 9.439  | 1233 | 1236 | 1246 | rVB4 | 617    | 1303   | 0.13%  | 0.020%  |
| 40 | 9.591  | 1259 | 1261 | 1264 | rVB2 | 89     | 79     | 0.01%  | 0.001%  |
| 41 | 9.622  | 1264 | 1266 | 1268 | rBV2 | 97     | 98     | 0.01%  | 0.001%  |
| 42 | 9.665  | 1269 | 1273 | 1283 | rVB4 | 608    | 955    | 0.10%  | 0.015%  |
| 43 | 9.896  | 1308 | 1311 | 1312 | rVB2 | 111    | 96     | 0.01%  | 0.001%  |
| 44 | 10.036 | 1326 | 1334 | 1343 | rBV  | 104970 | 186392 | 18.68% | 2.838%  |
| 45 | 10.213 | 1360 | 1363 | 1367 | rBV2 | 222    | 359    | 0.04%  | 0.005%  |
| 46 | 10.256 | 1367 | 1370 | 1371 | rVB  | 151    | 141    | 0.01%  | 0.002%  |
| 47 | 10.323 | 1373 | 1381 | 1388 | rVV  | 447787 | 785190 | 78.68% | 11.954% |
| 48 | 10.390 | 1389 | 1392 | 1402 | rVV  | 9764   | 15178  | 1.52%  | 0.231%  |
| 49 | 10.506 | 1409 | 1411 | 1414 | rVB2 | 454    | 456    | 0.05%  | 0.007%  |
| 50 | 10.579 | 1415 | 1423 | 1435 | rBV  | 66375  | 113153 | 11.34% | 1.723%  |
| 51 | 10.664 | 1435 | 1437 | 1438 | rBV  | 244    | 165    | 0.02%  | 0.003%  |
| 52 | 10.707 | 1438 | 1444 | 1451 | rVB  | 4986   | 8896   | 0.89%  | 0.135%  |
| 53 | 10.811 | 1460 | 1461 | 1464 | rBV  | 87     | 85     | 0.01%  | 0.001%  |
| 54 | 10.866 | 1464 | 1470 | 1473 | rVV5 | 1058   | 1790   | 0.18%  | 0.027%  |
| 55 | 10.927 | 1473 | 1480 | 1497 | rVV  | 83866  | 143141 | 14.34% | 2.179%  |
| 56 | 11.067 | 1499 | 1503 | 1516 | rVB6 | 2113   | 5045   | 0.51%  | 0.077%  |
| 57 | 11.183 | 1517 | 1522 | 1526 | rVB3 | 680    | 1184   | 0.12%  | 0.018%  |
| 58 | 11.231 | 1526 | 1530 | 1534 | rBV3 | 483    | 725    | 0.07%  | 0.011%  |
| 59 | 11.286 | 1538 | 1539 | 1542 | rBV2 | 139    | 115    | 0.01%  | 0.002%  |
| 60 | 11.329 | 1544 | 1546 | 1548 | rBV2 | 307    | 294    | 0.03%  | 0.004%  |
| 61 | 11.518 | 1570 | 1577 | 1578 | rBV3 | 375    | 526    | 0.05%  | 0.008%  |
| 62 | 11.536 | 1578 | 1580 | 1583 | rVB2 | 99     | 109    | 0.01%  | 0.002%  |
| 63 | 11.634 | 1588 | 1596 | 1605 | rBV  | 390724 | 658124 | 65.95% | 10.019% |
| 64 | 11.731 | 1608 | 1612 | 1615 | rVV2 | 1643   | 2368   | 0.24%  | 0.036%  |
| 65 | 11.835 | 1626 | 1629 | 1632 | rBV2 | 1285   | 1776   | 0.18%  | 0.027%  |
| 66 | 11.908 | 1639 | 1641 | 1649 | rVB4 | 462    | 706    | 0.07%  | 0.011%  |
| 67 | 12.036 | 1660 | 1662 | 1665 | rBV2 | 175    | 116    | 0.01%  | 0.002%  |
| 68 | 12.085 | 1669 | 1670 | 1672 | rVB  | 147    | 81     | 0.01%  | 0.001%  |
| 69 | 12.182 | 1674 | 1686 | 1692 | rBV8 | 3474   | 8540   | 0.86%  | 0.130%  |
| 70 | 12.249 | 1693 | 1697 | 1703 | rVB3 | 453    | 736    | 0.07%  | 0.011%  |
| 71 | 12.304 | 1703 | 1706 | 1708 | rVB4 | 244    | 292    | 0.03%  | 0.004%  |
| 72 | 12.341 | 1708 | 1712 | 1714 | rBV2 | 968    | 1411   | 0.14%  | 0.021%  |
| 73 | 12.469 | 1727 | 1733 | 1740 | rBV  | 35130  | 59391  | 5.95%  | 0.904%  |
| 74 | 12.603 | 1748 | 1755 | 1761 | rVB2 | 8301   | 14765  | 1.48%  | 0.225%  |
| 75 | 12.695 | 1763 | 1770 | 1778 | rBV  | 132649 | 224842 | 22.53% | 3.423%  |
| 76 | 12.835 | 1791 | 1793 | 1795 | rBV3 | 215    | 232    | 0.02%  | 0.004%  |

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Integration Parameters: LSCINT.P

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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

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 12.896 | 1795 | 1803 | 1807 | rBV  | 12490  | 22728  | 2.28%  | 0.346% |
| 78  | 13.024 | 1820 | 1824 | 1831 | rVB4 | 2490   | 4801   | 0.48%  | 0.073% |
| 79  | 13.085 | 1831 | 1834 | 1835 | rBV2 | 459    | 474    | 0.05%  | 0.007% |
| 80  | 13.280 | 1859 | 1866 | 1876 | rVB5 | 6665   | 15088  | 1.51%  | 0.230% |
| 81  | 13.438 | 1890 | 1892 | 1896 | rBV  | 3501   | 4716   | 0.47%  | 0.072% |
| 82  | 13.560 | 1905 | 1912 | 1922 | rBV  | 293126 | 472651 | 47.36% | 7.196% |
| 83  | 13.646 | 1922 | 1926 | 1932 | rVB  | 9314   | 14249  | 1.43%  | 0.217% |
| 84  | 13.853 | 1953 | 1960 | 1974 | rVB  | 266996 | 435779 | 43.67% | 6.634% |
| 85  | 13.999 | 1982 | 1984 | 1985 | rBV  | 408    | 367    | 0.04%  | 0.006% |
| 86  | 14.066 | 1989 | 1995 | 2002 | rVB  | 54612  | 84435  | 8.46%  | 1.285% |
| 87  | 14.206 | 2011 | 2018 | 2019 | rBV3 | 367    | 606    | 0.06%  | 0.009% |
| 88  | 14.322 | 2029 | 2037 | 2042 | rBV6 | 885    | 1995   | 0.20%  | 0.030% |
| 89  | 14.438 | 2050 | 2056 | 2064 | rBV9 | 803    | 2281   | 0.23%  | 0.035% |
| 90  | 14.523 | 2068 | 2070 | 2073 | rVB2 | 675    | 582    | 0.06%  | 0.009% |
| 91  | 14.615 | 2082 | 2085 | 2087 | rVB2 | 212    | 247    | 0.02%  | 0.004% |
| 92  | 14.688 | 2094 | 2097 | 2100 | rVB3 | 671    | 743    | 0.07%  | 0.011% |
| 93  | 14.853 | 2119 | 2124 | 2131 | rVB5 | 1134   | 2199   | 0.22%  | 0.033% |
| 94  | 15.005 | 2147 | 2149 | 2150 | rVB2 | 275    | 122    | 0.01%  | 0.002% |
| 95  | 15.060 | 2157 | 2158 | 2163 | rBV3 | 322    | 402    | 0.04%  | 0.006% |
| 96  | 15.353 | 2204 | 2206 | 2209 | rBV2 | 262    | 370    | 0.04%  | 0.006% |
| 97  | 15.432 | 2215 | 2219 | 2224 | rBV2 | 2417   | 3328   | 0.33%  | 0.051% |
| 98  | 15.724 | 2262 | 2267 | 2271 | rBV4 | 1044   | 1675   | 0.17%  | 0.026% |
| 99  | 15.956 | 2301 | 2305 | 2310 | rVB4 | 337    | 539    | 0.05%  | 0.008% |
| 100 | 16.291 | 2358 | 2360 | 2362 | rBV2 | 212    | 227    | 0.02%  | 0.003% |

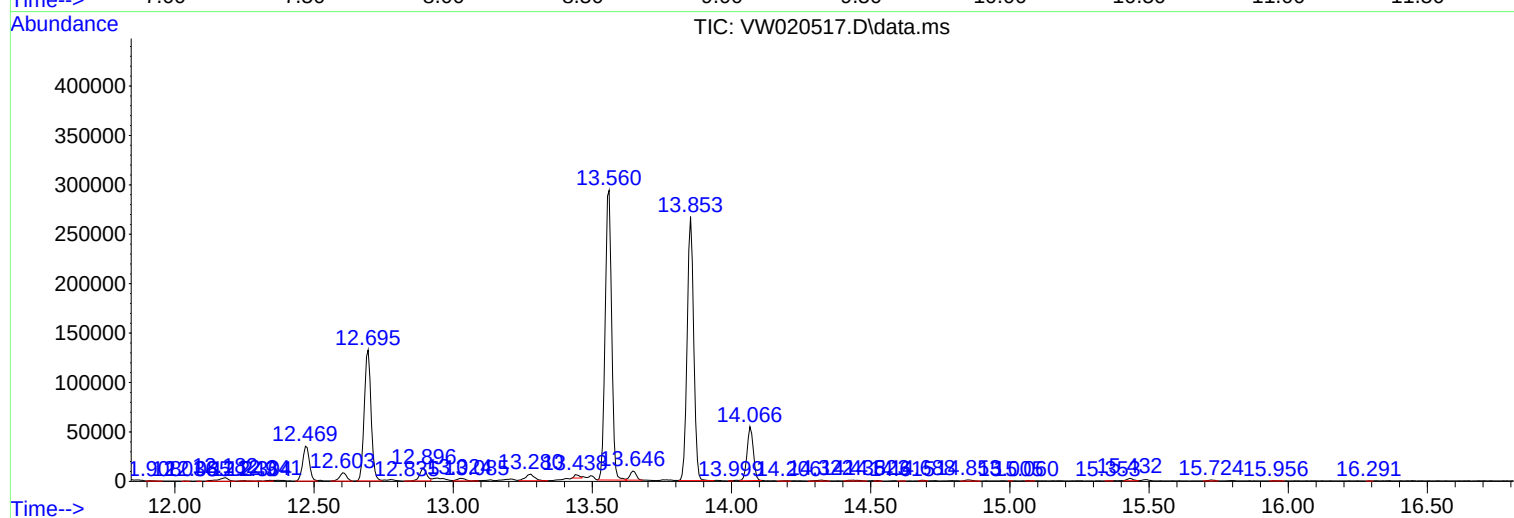
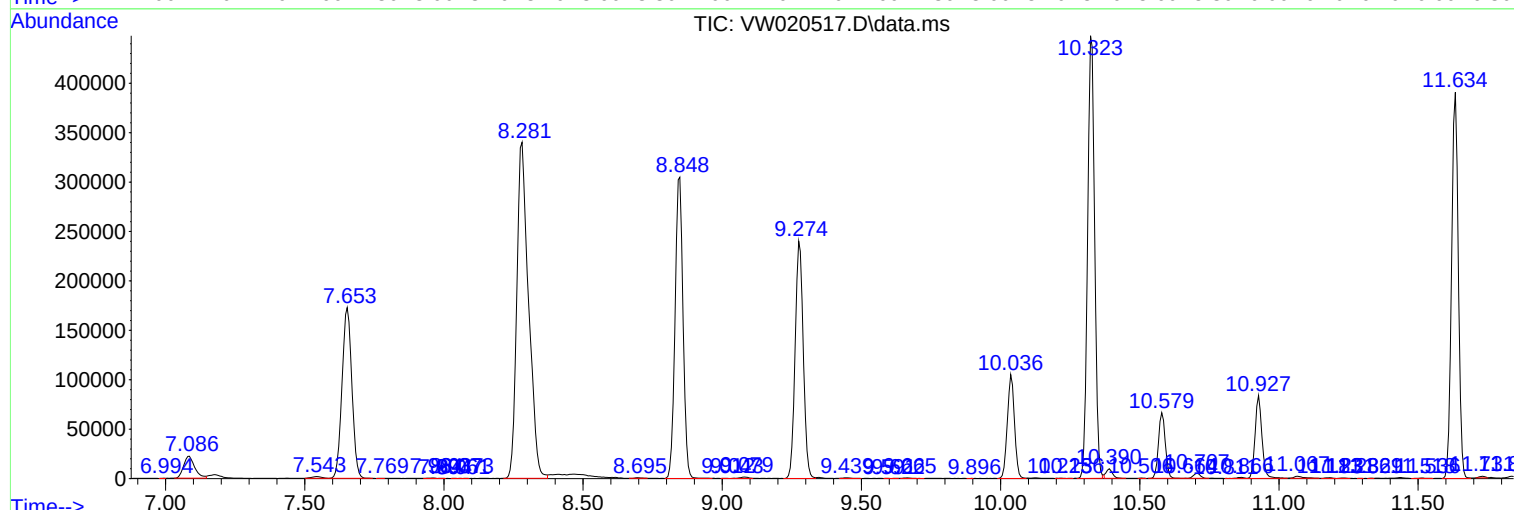
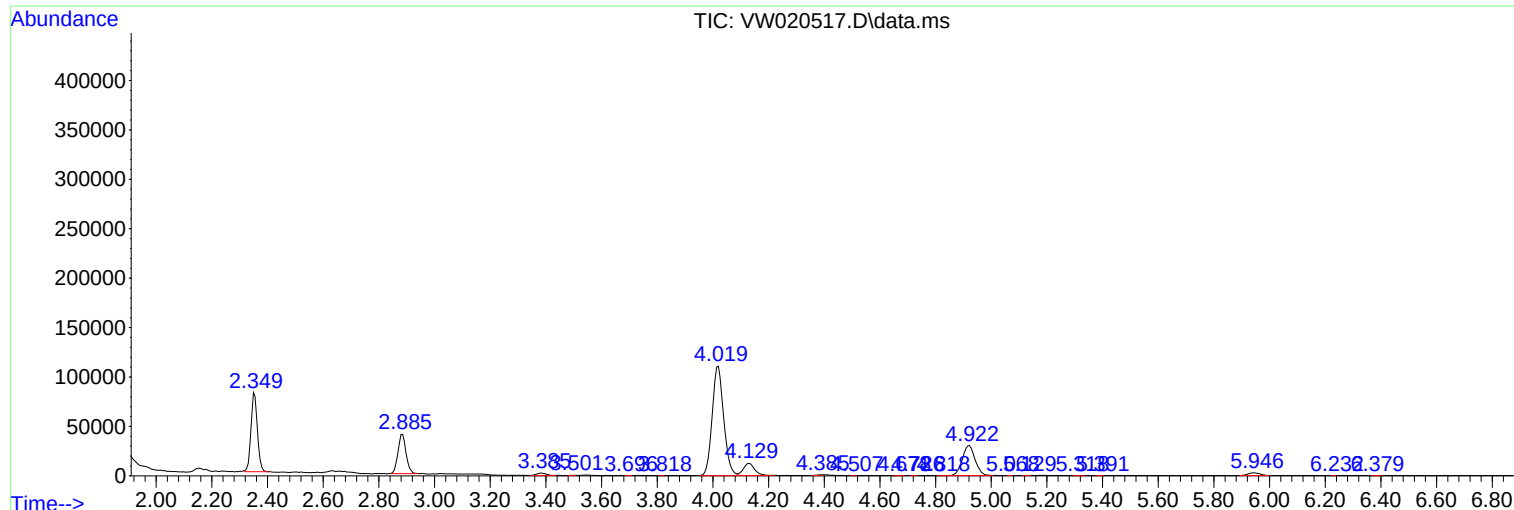
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ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
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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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101421\  
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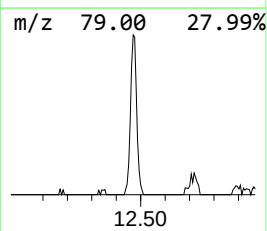
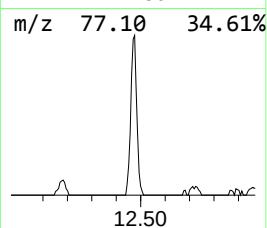
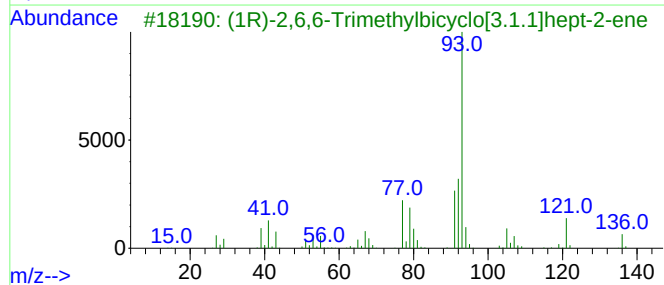
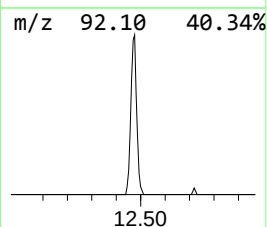
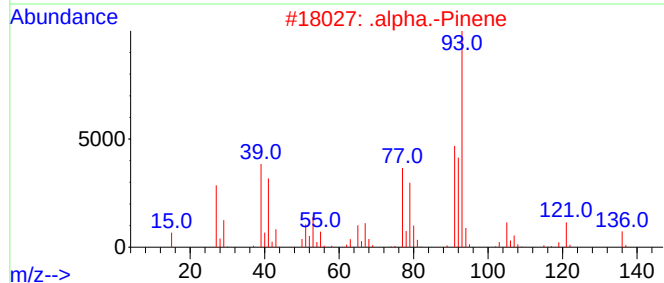
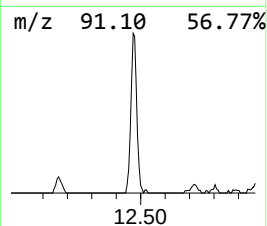
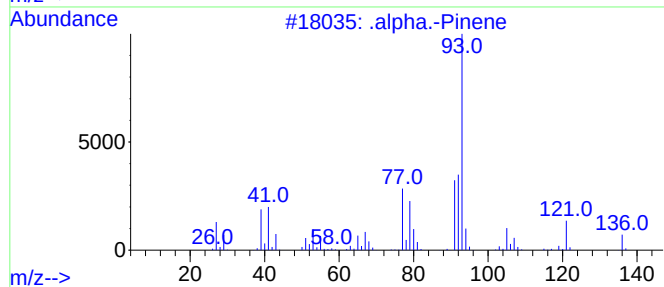
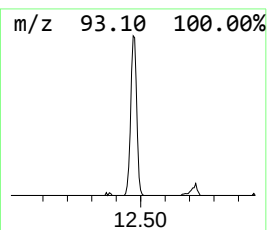
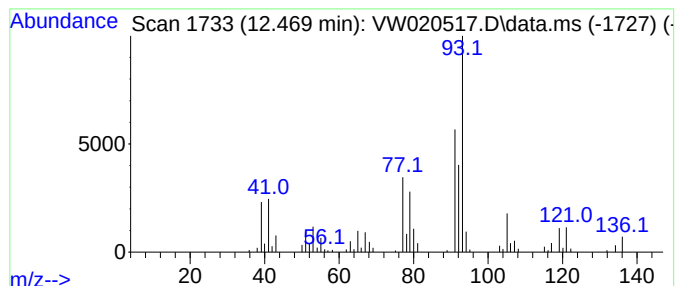
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 2 .alpha.-Pinene Concentration Rank 3

| R.T.   | EstConc   | Area  | Relative to ISTD | R.T.   |
|--------|-----------|-------|------------------|--------|
| 12.469 | 2.26 ug/L | 59391 | Chlorobenzene-d5 | 11.634 |

| Hit# | of                                  | 5 | Tentative ID   | MW  | MolForm | CAS#        | Qual |
|------|-------------------------------------|---|----------------|-----|---------|-------------|------|
| 1    | .                                   |   | .alpha.-Pinene | 136 | C10H16  | 000080-56-8 | 97   |
| 2    | .                                   |   | .alpha.-Pinene | 136 | C10H16  | 000080-56-8 | 93   |
| 3    | (1R)-2,6,6-Trimethylbicyclo[3.1.... |   |                | 136 | C10H16  | 007785-70-8 | 91   |
| 4    | (1S)-2,6,6-Trimethylbicyclo[3.1.... |   |                | 136 | C10H16  | 007785-26-4 | 90   |
| 5    | .                                   |   | .alpha.-Pinene | 136 | C10H16  | 000080-56-8 | 90   |



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Quant Title : SFAM01.0

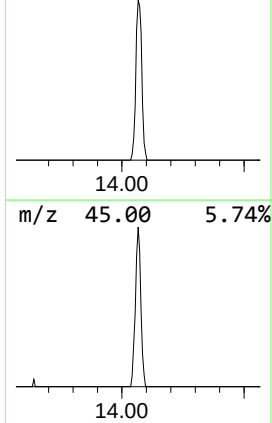
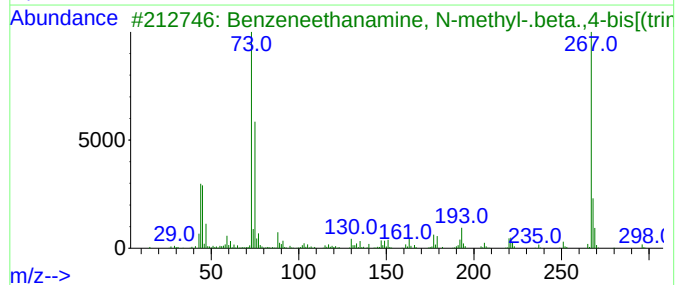
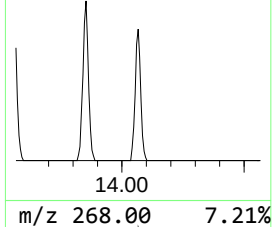
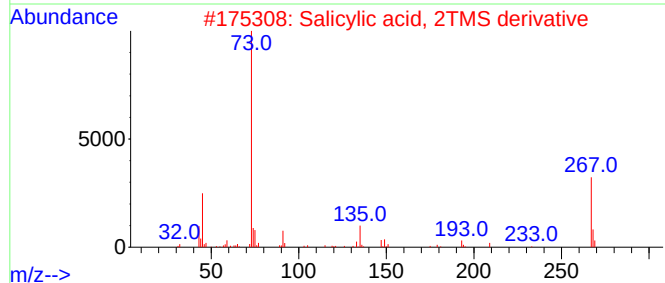
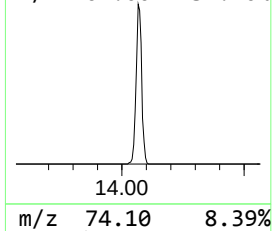
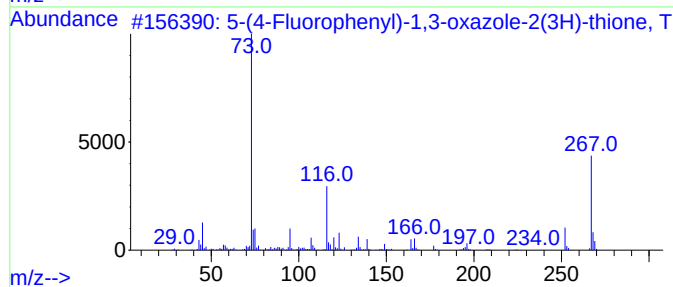
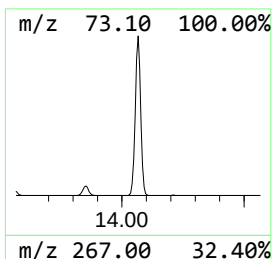
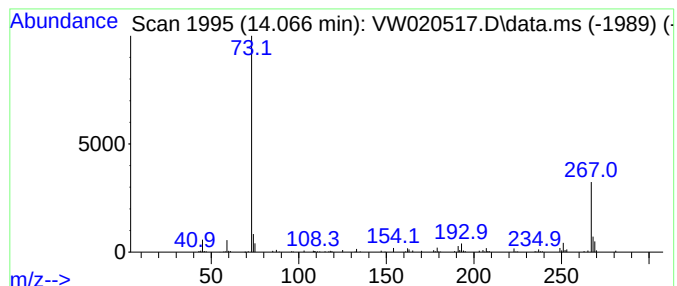
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 5-(4-Fluorophenyl)-1,3-oxaz... Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.066 | 4.47 ug/L | 84435 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm        | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------------|--------------|------|
| 1    |    |   | 5-(4-Fluorophenyl)-1,3-oxazole-2... | 267 | C12H14FNOSSi   | 1000497-07-6 | 50   |
| 2    |    |   | Salicylic acid, 2TMS derivative     | 282 | C13H22O3Si2    | 003789-85-3  | 45   |
| 3    |    |   | Benzeneethanamine, N-methyl-.bet... | 311 | C15H29NO2Si2   | 029522-18-7  | 45   |
| 4    |    |   | Benzeneethanamine, N-[(pentafluo... | 475 | C21H26F5NO2Si2 | 055429-85-1  | 45   |
| 5    |    |   | 4-(Methylamino)phenol, N,O-bis(t... | 267 | C13H25NOSi2    | 1000471-13-0 | 40   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101421\  
Data File : VW020517.D  
Acq On : 15 Oct 2021 02:00  
Operator : SY/VA  
Sample : M4210-05  
Misc : 6.04g/10mL/MSVOA\_W/SOIL  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JDGC7

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| .alpha.-Pinene     | 12.469 | 2.3     | ug/L  | 59391    | 2                     | 11.634 | 658124 | 25.0 |
| 5-(4-Fluorophen... | 14.066 | 4.5     | ug/L  | 84435    | 3                     | 13.560 | 472651 | 25.0 |