

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082922\  
 Data File : VW024458.D  
 Acq On : 29 Aug 2022 20:31  
 Operator : SY/VA  
 Sample : N4362-07  
 Misc : 5.71g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0FB8

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\SFAMWLM082622SMA.M  
 Title : SFAM01.0

Signal : TIC: VW024458.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         | 2.007       | 14            | 17          | 20           | rBV4     | 1499           | 1761          | 0.02%           | 0.008%        |
| 2         | 2.233       | 47            | 54          | 55           | rBV6     | 8171           | 17238         | 0.18%           | 0.082%        |
| 3         | 2.337       | 66            | 71          | 85           | rBV      | 188500         | 319021        | 3.32%           | 1.521%        |
| 4         | 2.873       | 153           | 159         | 169          | rVB      | 106776         | 226838        | 2.36%           | 1.081%        |
| 5         | 3.507       | 260           | 263         | 265          | rBV4     | 1887           | 1905          | 0.02%           | 0.009%        |
| 6         | 3.720       | 296           | 298         | 304          | rVB7     | 1696           | 2320          | 0.02%           | 0.011%        |
| 7         | 3.794       | 307           | 310         | 312          | rVB4     | 2318           | 1847          | 0.02%           | 0.009%        |
| 8         | 4.001       | 333           | 344         | 360          | rBV      | 138802         | 427840        | 4.45%           | 2.040%        |
| 9         | 4.226       | 379           | 381         | 383          | rBV2     | 1629           | 1423          | 0.01%           | 0.007%        |
| 10        | 4.915       | 483           | 494         | 505          | rVB2     | 27497          | 97048         | 1.01%           | 0.463%        |
| 11        | 5.117       | 519           | 527         | 536          | rBV2     | 7922           | 27400         | 0.29%           | 0.131%        |
| 12        | 5.342       | 561           | 564         | 566          | rVB3     | 1982           | 1904          | 0.02%           | 0.009%        |
| 13        | 5.427       | 576           | 578         | 581          | rVV4     | 1666           | 1867          | 0.02%           | 0.009%        |
| 14        | 5.933       | 653           | 661         | 668          | rVB7     | 5853           | 15210         | 0.16%           | 0.073%        |
| 15        | 6.220       | 704           | 708         | 709          | rVV4     | 1919           | 1998          | 0.02%           | 0.010%        |
| 16        | 6.257       | 712           | 714         | 719          | rBV5     | 1817           | 3239          | 0.03%           | 0.015%        |
| 17        | 6.433       | 739           | 743         | 744          | rBV3     | 1270           | 1603          | 0.02%           | 0.008%        |
| 18        | 6.513       | 754           | 756         | 760          | rVB5     | 1072           | 1537          | 0.02%           | 0.007%        |
| 19        | 6.726       | 788           | 791         | 793          | rBV4     | 1257           | 1598          | 0.02%           | 0.008%        |
| 20        | 6.830       | 803           | 808         | 812          | rBV7     | 745            | 1782          | 0.02%           | 0.008%        |
| 21        | 6.903       | 818           | 820         | 822          | rBV3     | 1622           | 1740          | 0.02%           | 0.008%        |
| 22        | 7.019       | 835           | 839         | 841          | rBV5     | 1073           | 1647          | 0.02%           | 0.008%        |
| 23        | 7.080       | 841           | 849         | 854          | rBV      | 39370          | 103423        | 1.08%           | 0.493%        |
| 24        | 7.153       | 855           | 861         | 874          | rVB      | 62794          | 173640        | 1.81%           | 0.828%        |
| 25        | 7.543       | 923           | 925         | 927          | rVV3     | 2177           | 1801          | 0.02%           | 0.009%        |
| 26        | 7.647       | 931           | 942         | 953          | rVV      | 227553         | 567722        | 5.91%           | 2.707%        |
| 27        | 8.018       | 1000          | 1003        | 1004         | rBV3     | 1794           | 1879          | 0.02%           | 0.009%        |
| 28        | 8.110       | 1015          | 1018        | 1021         | rVB5     | 1320           | 1707          | 0.02%           | 0.008%        |
| 29        | 8.177       | 1024          | 1029        | 1030         | rBV5     | 1306           | 1909          | 0.02%           | 0.009%        |
| 30        | 8.274       | 1033          | 1045        | 1062         | rBV2     | 439033         | 1357650       | 14.13%          | 6.473%        |
| 31        | 8.841       | 1128          | 1138        | 1150         | rBV      | 519836         | 1028590       | 10.70%          | 4.904%        |
| 32        | 9.085       | 1169          | 1178        | 1187         | rVB3     | 17925          | 39282         | 0.41%           | 0.187%        |
| 33        | 9.274       | 1200          | 1209        | 1220         | rBV      | 303582         | 618707        | 6.44%           | 2.950%        |
| 34        | 9.536       | 1251          | 1252        | 1256         | rBV4     | 1813           | 1783          | 0.02%           | 0.009%        |
| 35        | 9.957       | 1318          | 1321        | 1323         | rBV3     | 2061           | 2859          | 0.03%           | 0.014%        |
| 36        | 10.030      | 1326          | 1333        | 1343         | rVV      | 149456         | 280798        | 2.92%           | 1.339%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082922\  
 Data File : VW024458.D  
 Acq On : 29 Aug 2022 20:31  
 Operator : SY/VA  
 Sample : N4362-07  
 Misc : 5.71g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0FB8

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\SFAMWLM082622SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 10.122 | 1343 | 1348 | 1355 | rVB  | 11205  | 22273   | 0.23%  | 0.106% |
| 38 | 10.323 | 1372 | 1381 | 1392 | rBV  | 632287 | 1122407 | 11.68% | 5.351% |
| 39 | 10.579 | 1415 | 1423 | 1431 | rBV  | 100760 | 181128  | 1.88%  | 0.864% |
| 40 | 10.701 | 1435 | 1443 | 1450 | rBV2 | 29712  | 55089   | 0.57%  | 0.263% |

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 41 | 10.859 | 1460 | 1469 | 1476 | rBV  | 5987395 | 9609665 | 100.00% | 45.814% |
| 42 | 10.920 | 1476 | 1479 | 1491 | rVB  | 160915  | 274946  | 2.86%   | 1.311%  |
| 43 | 11.061 | 1496 | 1502 | 1511 | rVV2 | 48920   | 88377   | 0.92%   | 0.421%  |
| 44 | 11.170 | 1518 | 1520 | 1526 | rVB7 | 3672    | 5687    | 0.06%   | 0.027%  |
| 45 | 11.219 | 1526 | 1528 | 1531 | rVB4 | 1710    | 1527    | 0.02%   | 0.007%  |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 46 | 11.250 | 1531 | 1533 | 1535 | rBV3 | 1686  | 1475  | 0.02% | 0.007% |
| 47 | 11.329 | 1545 | 1546 | 1552 | rVB6 | 1898  | 1823  | 0.02% | 0.009% |
| 48 | 11.396 | 1552 | 1557 | 1559 | rBV6 | 1973  | 3379  | 0.04% | 0.016% |
| 49 | 11.432 | 1559 | 1563 | 1570 | rVB2 | 18133 | 31587 | 0.33% | 0.151% |
| 50 | 11.487 | 1570 | 1572 | 1575 | rBV4 | 1015  | 1560  | 0.02% | 0.007% |

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 51 | 11.628 | 1586 | 1595 | 1608 | rBV  | 795735 | 1307856 | 13.61% | 6.235% |
| 52 | 11.829 | 1626 | 1628 | 1629 | rBV2 | 2032   | 1729    | 0.02%  | 0.008% |
| 53 | 11.865 | 1632 | 1634 | 1635 | rVV2 | 1759   | 1481    | 0.02%  | 0.007% |
| 54 | 11.878 | 1635 | 1636 | 1638 | rVV2 | 1992   | 1438    | 0.01%  | 0.007% |
| 55 | 12.036 | 1656 | 1662 | 1664 | rBV7 | 2051   | 4406    | 0.05%  | 0.021% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 56 | 12.085 | 1667 | 1670 | 1673 | rBV5 | 1455 | 2300 | 0.02% | 0.011% |
| 57 | 12.164 | 1680 | 1683 | 1685 | rVV4 | 1101 | 1572 | 0.02% | 0.007% |
| 58 | 12.182 | 1685 | 1686 | 1689 | rVV3 | 1652 | 1542 | 0.02% | 0.007% |
| 59 | 12.243 | 1694 | 1696 | 1699 | rVB4 | 2187 | 1779 | 0.02% | 0.008% |
| 60 | 12.469 | 1728 | 1733 | 1736 | rBV7 | 2110 | 3759 | 0.04% | 0.018% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 61 | 12.603 | 1746 | 1755 | 1761 | rBV  | 33777  | 59673  | 0.62% | 0.284% |
| 62 | 12.688 | 1761 | 1769 | 1778 | rBV  | 259266 | 433064 | 4.51% | 2.065% |
| 63 | 12.768 | 1781 | 1782 | 1787 | rVB4 | 3635   | 4257   | 0.04% | 0.020% |
| 64 | 12.926 | 1803 | 1808 | 1809 | rBV4 | 4456   | 5820   | 0.06% | 0.028% |
| 65 | 13.042 | 1820 | 1827 | 1829 | rBV7 | 1668   | 3526   | 0.04% | 0.017% |

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 66 | 13.072 | 1829 | 1832 | 1835 | rVV5 | 2394 | 2400  | 0.02% | 0.011% |
| 67 | 13.188 | 1848 | 1851 | 1855 | rVB5 | 3391 | 4473  | 0.05% | 0.021% |
| 68 | 13.286 | 1864 | 1867 | 1875 | rVB8 | 7696 | 14761 | 0.15% | 0.070% |
| 69 | 13.402 | 1878 | 1886 | 1890 | rBV9 | 6517 | 12205 | 0.13% | 0.058% |
| 70 | 13.463 | 1892 | 1896 | 1900 | rBV6 | 1768 | 3598  | 0.04% | 0.017% |

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 71 | 13.554 | 1904 | 1911 | 1922 | rVV  | 804209 | 1259165 | 13.10% | 6.003% |
| 72 | 13.645 | 1922 | 1926 | 1933 | rVB2 | 13739  | 22664   | 0.24%  | 0.108% |
| 73 | 13.749 | 1940 | 1943 | 1949 | rBV8 | 3862   | 7100    | 0.07%  | 0.034% |
| 74 | 13.847 | 1952 | 1959 | 1971 | rBV  | 553016 | 927709  | 9.65%  | 4.423% |
| 75 | 14.011 | 1984 | 1986 | 1990 | rBV5 | 2246   | 3746    | 0.04%  | 0.018% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 76 | 14.066 | 1990 | 1995 | 1999 | rVV2 | 18217 | 35015 | 0.36% | 0.167% |
|----|--------|------|------|------|------|-------|-------|-------|--------|

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082922\  
 Data File : VW024458.D  
 Acq On : 29 Aug 2022 20:31  
 Operator : SY/VA  
 Sample : N4362-07  
 Misc : 5.71g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0FB8

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\SFAMWLM082622SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |       |       |       |        |
|-----|--------|------|------|------|------|-------|-------|-------|--------|
| 77  | 14.103 | 1999 | 2001 | 2006 | rVB2 | 9635  | 12457 | 0.13% | 0.059% |
| 78  | 14.267 | 2025 | 2028 | 2032 | rBV5 | 2364  | 4222  | 0.04% | 0.020% |
| 79  | 14.426 | 2052 | 2054 | 2056 | rBV3 | 1764  | 1696  | 0.02% | 0.008% |
| 80  | 14.505 | 2061 | 2067 | 2074 | rVV5 | 8562  | 22591 | 0.24% | 0.108% |
| 81  | 14.718 | 2099 | 2102 | 2105 | rVV3 | 3298  | 3229  | 0.03% | 0.015% |
| 82  | 14.767 | 2108 | 2110 | 2113 | rVB3 | 1681  | 1530  | 0.02% | 0.007% |
| 83  | 14.920 | 2131 | 2135 | 2138 | rBV6 | 2370  | 3094  | 0.03% | 0.015% |
| 84  | 14.962 | 2141 | 2142 | 2146 | rVB3 | 2561  | 1685  | 0.02% | 0.008% |
| 85  | 15.017 | 2148 | 2151 | 2153 | rBV4 | 2476  | 2808  | 0.03% | 0.013% |
| 86  | 15.060 | 2156 | 2158 | 2161 | rVB4 | 1680  | 1831  | 0.02% | 0.009% |
| 87  | 15.090 | 2161 | 2163 | 2166 | rBV4 | 2586  | 3395  | 0.04% | 0.016% |
| 88  | 15.432 | 2213 | 2219 | 2224 | rVB3 | 10623 | 20029 | 0.21% | 0.095% |
| 89  | 15.535 | 2234 | 2236 | 2238 | rBV3 | 2395  | 2437  | 0.03% | 0.012% |
| 90  | 15.615 | 2245 | 2249 | 2252 | rBV6 | 1691  | 1740  | 0.02% | 0.008% |
| 91  | 15.682 | 2257 | 2260 | 2261 | rBV3 | 1555  | 1539  | 0.02% | 0.007% |
| 92  | 15.767 | 2272 | 2274 | 2276 | rVV3 | 1522  | 1543  | 0.02% | 0.007% |
| 93  | 15.785 | 2276 | 2277 | 2282 | rVB5 | 1831  | 1653  | 0.02% | 0.008% |
| 94  | 16.194 | 2340 | 2344 | 2346 | rBV5 | 1664  | 1709  | 0.02% | 0.008% |
| 95  | 16.316 | 2357 | 2364 | 2367 | rBV8 | 3394  | 7779  | 0.08% | 0.037% |
| 96  | 16.389 | 2373 | 2376 | 2377 | rBV3 | 1467  | 1513  | 0.02% | 0.007% |
| 97  | 16.425 | 2381 | 2382 | 2385 | rVV2 | 1665  | 1727  | 0.02% | 0.008% |
| 98  | 16.480 | 2390 | 2391 | 2393 | rVV2 | 1949  | 1598  | 0.02% | 0.008% |
| 99  | 16.584 | 2405 | 2408 | 2413 | rBV7 | 1815  | 3360  | 0.03% | 0.016% |
| 100 | 16.675 | 2421 | 2423 | 2426 | rVB4 | 1955  | 1775  | 0.02% | 0.008% |

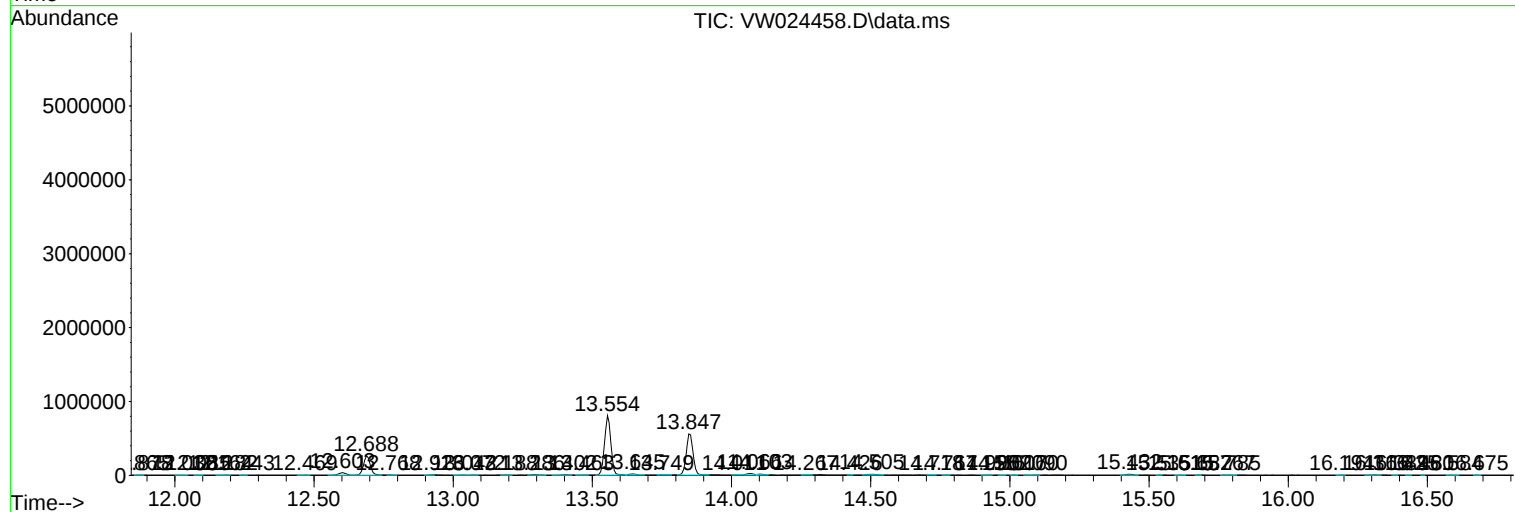
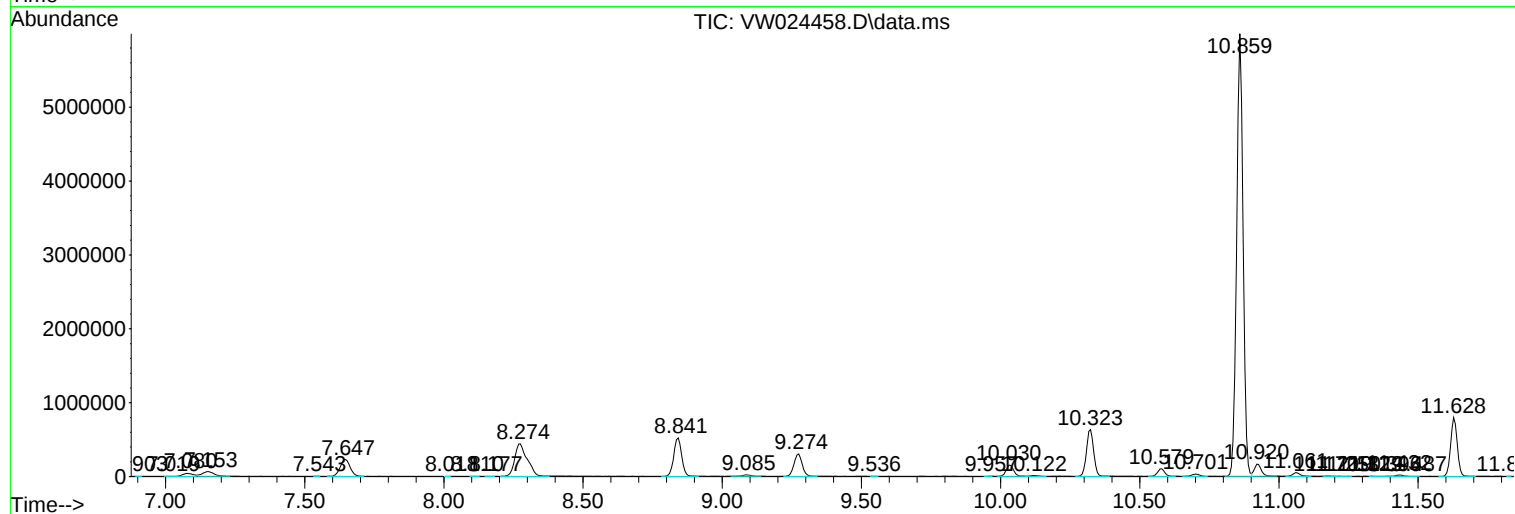
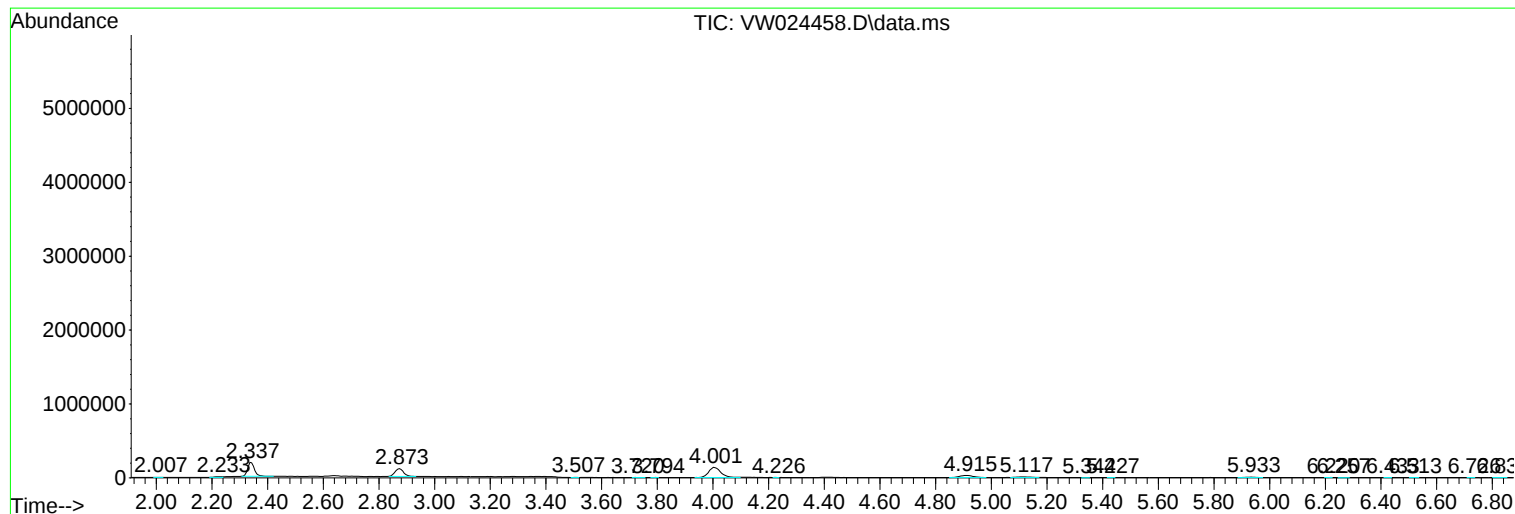
Sum of corrected areas: 20975417

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082922\  
Data File : VW024458.D  
Acq On : 29 Aug 2022 20:31  
Operator : SY/VA  
Sample : N4362-07  
Misc : 5.71g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0FB8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082622SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082922\  
Data File : VW024458.D  
Acq On : 29 Aug 2022 20:31  
Operator : SY/VA  
Sample : N4362-07  
Misc : 5.71g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0FB8

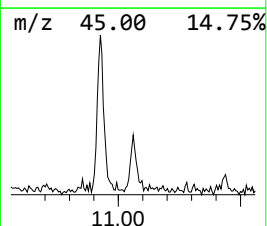
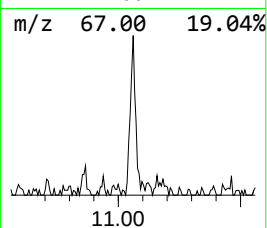
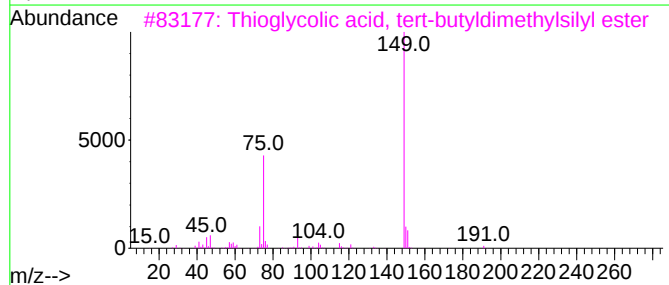
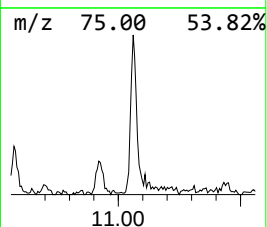
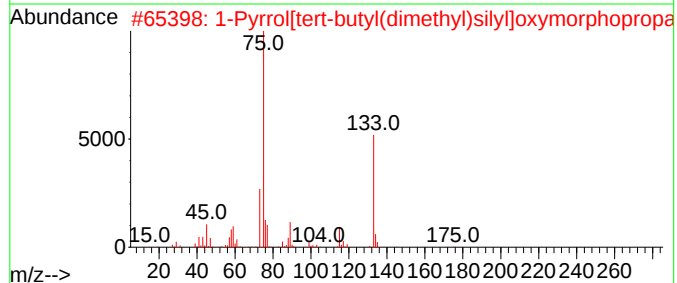
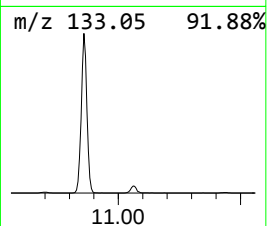
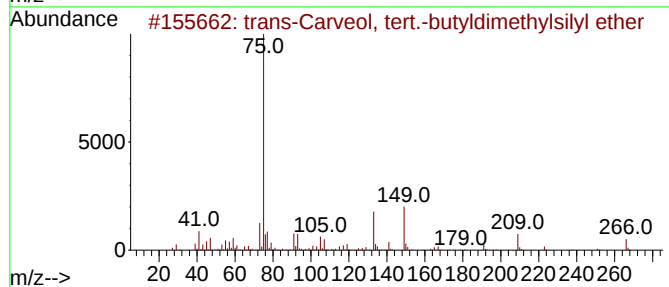
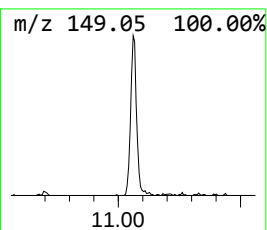
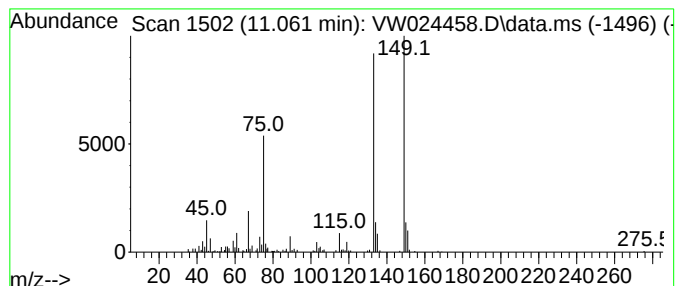
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082622SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 4 unknown-01 Concentration Rank 4

| R.T.   | EstConc   | Area  | Relative to ISTD | R.T.   |
|--------|-----------|-------|------------------|--------|
| 11.061 | 1.69 ug/L | 88377 | Chlorobenzene-d5 | 11.628 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | trans-Carveol, tert.-butyldimeth... | 266 | C16H30OSi  | 1000454-02-2 | 42   |
| 2    |    |   | 1-Pyrrol[tert-butyl(dimethyl)sil... | 190 | C9H22O2Si  | 1000333-03-5 | 32   |
| 3    |    |   | Thioglycolic acid, tert-butyldim... | 206 | C8H18O2SSi | 1000476-01-2 | 32   |
| 4    |    |   | 3,4-Diaminobenzonitrile             | 133 | C7H7N3     | 017626-40-3  | 25   |
| 5    |    |   | 4-Ethylbenzoic acid, 4-isopropyl... | 268 | C18H20O2   | 1000331-31-4 | 22   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082922\  
Data File : VW024458.D  
Acq On : 29 Aug 2022 20:31  
Operator : SY/VA  
Sample : N4362-07  
Misc : 5.71g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0FB8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082622SMA.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 |
| unknown-01       | 11.061 | 1.7     | ug/L  | 88377    | 2                     | 11.628 | 1307860 | 25.0 |