LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021128.D
Acq On : 04 Dec 2021 19:16
Operator : SY/VA
Sample : M4885-14
Misc : 3.93g/10.0mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
EW9M1

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\SFAMWLM120321SMA.M
Title : SFAM01.0

Signal : TIC: VW021128.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.355 | 68 | 74 | 84 | rVB | 47179 | 76255 | 0.60% | 0.318% |
| 2 | 2.885 | 154 | 161 | 173 | rVB | 25083 | 54941 | 0.43% | 0.229% |
| 3 | 3.391 | 239 | 244 | 249 | rVB3 | 695 | 1422 | 0.01% | 0.006% |
| 4 | 3.904 | 326 | 328 | 331 | rBV | 122 | 155 | 0.00% | 0.001% |
| 5 | 4.019 | 337 | 347 | 359 | rBV | 46913 | 133344 | 1.05% | 0.557% |
| 6 | 4.129 | 360 | 365 | 373 | rVB | 1267 | 2734 | 0.02% | 0.011% |
| 7 | 4.251 | 382 | 385 | 386 | rBV | 182 | 141 | 0.00% | 0.001% |
| 8 | 4.385 | 396 | 407 | 422 | rVB | 11153 | 33329 | 0.26% | 0.139% |
| 9 | 4.635 | 446 | 448 | 452 | rBV | 84 | 151 | 0.00% | 0.001% |
| 10 | 4.916 | 484 | 494 | 511 | rVV5 | 5374 | 19376 | 0.15% | 0.081% |
| 11 | 5.105 | 523 | 525 | 527 | rBV2 | 235 | 305 | 0.00% | 0.001% |
| 12 | 5.355 | 565 | 566 | 570 | rVB | 146 | 136 | 0.00% | 0.001% |
| 13 | 5.434 | 570 | 579 | 587 | rBV3 | 2348 | 5970 | 0.05% | 0.025% |
| 14 | 5.940 | 656 | 662 | 671 | rVB5 | 1182 | 3144 | 0.02% | 0.013% |
| 15 | 6.147 | 692 | 696 | 699 | rBV | 113 | 179 | 0.00% | 0.001% |
| 16 | 6.184 | 699 | 702 | 705 | rVB | 147 | 164 | 0.00% | 0.001% |
| 17 | 6.452 | 743 | 746 | 747 | rVB | 145 | 132 | 0.00% | 0.001% |
| 18 | 6.738 | 790 | 793 | 796 | rBB | 141 | 181 | 0.00% | 0.001% |
| 19 | 6.982 | 826 | 833 | 841 | rBV3 | 2334 | 5533 | 0.04% | 0.023% |
| 20 | 7.080 | 841 | 849 | 854 | rBV | 9279 | 25832 | 0.20% | 0.108% |
| 21 | 7.653 | 933 | 943 | 955 | rBV | 62767 | 157621 | 1.24% | 0.658% |
| 22 | 7.952 | 984 | 992 | 999 | rBV5 | 1982 | 5225 | 0.04% | 0.022% |
| 23 | 8.031 | 1002 | 1005 | 1009 | rVB3 | 509 | 709 | 0.01% | 0.003% |
| 24 | 8.153 | 1020 | 1025 | 1027 | rBV2 | 602 | 648 | 0.01% | 0.003% |
| 25 | 8.275 | 1032 | 1045 | 1060 | rBV3 | 111338 | 351281 | 2.76% | 1.466% |
| 26 | 8.506 | 1079 | 1083 | 1089 | rVB4 | 934 | 1654 | 0.01% | 0.007% |
| 27 | 8.580 | 1089 | 1095 | 1100 | rVB5 | 1380 | 2924 | 0.02% | 0.012% |
| 28 | 8.695 | 1111 | 1114 | 1117 | rVB | 385 | 425 | 0.00% | 0.002% |
| 29 | 8.842 | 1131 | 1138 | 1147 | rVV | 59866 | 116685 | 0.92% | 0.487% |
| 30 | 9.092 | 1168 | 1179 | 1198 | rBV | 6794350 | 12719743 | 100.00% | 53.097% |
| 31 | 9.275 | 1201 | 1209 | 1215 | rBV | 73169 | 145735 | 1.15% | 0.608% |
| 32 | 9.433 | 1231 | 1235 | 1236 | rVV2 | 94 | 132 | 0.00% | 0.001% |
| 33 | 9.518 | 1246 | 1249 | 1253 | rBB4 | 493 | 786 | 0.01% | 0.003% |
| 34 | 9.616 | 1260 | 1265 | 1268 | rBB2 | 372 | 662 | 0.01% | 0.003% |
| 35 | 9.695 | 1276 | 1278 | 1280 | rBV | 135 | 133 | 0.00% | 0.001% |
| 36 | 9.750 | 1283 | 1287 | 1292 | rVB3 | 652 | 966 | 0.01% | 0.004% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021128.D
Acq On : 04 Dec 2021 19:16
Operator : SY/VA
Sample : M4885-14
Misc : 3.93g/10.0mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
EW9M1

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\SFAMWLM120321SMA.M
Title : SFAM01.0

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 9.890 | 1307 | 1310 | 1316 | rBV4 | 611 | 888 | 0.01% | 0.004% |
| 38 | 9.957 | 1316 | 1321 | 1327 | rVB3 | 495 | 812 | 0.01% | 0.003% |
| 39 | 10.037 | 1327 | 1334 | 1342 | rBV | 27695 | 49148 | 0.39% | 0.205% |
| 40 | 10.207 | 1358 | 1362 | 1367 | rBV3 | 806 | 1155 | 0.01% | 0.005% |
| 41 | 10.250 | 1367 | 1369 | 1371 | rVB | 341 | 217 | 0.00% | 0.001% |
| 42 | 10.323 | 1372 | 1381 | 1387 | rBV | 98488 | 171550 | 1.35% | 0.716% |
| 43 | 10.390 | 1387 | 1392 | 1399 | rVB | 19265 | 33928 | 0.27% | 0.142% |
| 44 | 10.500 | 1403 | 1410 | 1414 | rBV5 | 863 | 1428 | 0.01% | 0.006% |
| 45 | 10.579 | 1417 | 1423 | 1429 | rVB | 12656 | 20448 | 0.16% | 0.085% |
| 46 | 10.671 | 1433 | 1438 | 1439 | rBV3 | 998 | 1717 | 0.01% | 0.007% |
| 47 | 10.701 | 1439 | 1443 | 1450 | rVB2 | 7422 | 12887 | 0.10% | 0.054% |
| 48 | 10.786 | 1451 | 1457 | 1461 | rBV2 | 4607 | 7246 | 0.06% | 0.030% |
| 49 | 10.866 | 1461 | 1470 | 1477 | rBV | 5727227 | 9516172 | 74.81% | 39.724% |
| 50 | 11.067 | 1497 | 1503 | 1510 | rVB | 3442 | 5374 | 0.04% | 0.022% |
| 51 | 11.177 | 1515 | 1521 | 1525 | rVV3 | 1263 | 2046 | 0.02% | 0.009% |
| 52 | 11.232 | 1525 | 1530 | 1534 | rVB2 | 1419 | 2301 | 0.02% | 0.010% |
| 53 | 11.299 | 1540 | 1541 | 1544 | rVB2 | 169 | 132 | 0.00% | 0.001% |
| 54 | 11.341 | 1544 | 1548 | 1552 | rBB2 | 326 | 574 | 0.00% | 0.002% |
| 55 | 11.439 | 1558 | 1564 | 1571 | rBB | 7677 | 12442 | 0.10% | 0.052% |
| 56 | 11.628 | 1589 | 1595 | 1602 | rBV | 35434 | 60614 | 0.48% | 0.253% |
| 57 | 11.731 | 1606 | 1612 | 1622 | rBB2 | 3971 | 6030 | 0.05% | 0.025% |
| 58 | 11.835 | 1623 | 1629 | 1637 | rBB2 | 5815 | 9962 | 0.08% | 0.042% |
| 59 | 11.902 | 1637 | 1640 | 1641 | rBV | 129 | 129 | 0.00% | 0.001% |
| 60 | 12.164 | 1677 | 1683 | 1690 | rBB2 | 5518 | 8618 | 0.07% | 0.036% |
| 61 | 12.292 | 1701 | 1704 | 1708 | rBB | 133 | 216 | 0.00% | 0.001% |
| 62 | 12.335 | 1709 | 1711 | 1712 | rBV | 419 | 333 | 0.00% | 0.001% |
| 63 | 12.463 | 1728 | 1732 | 1735 | rBV2 | 1043 | 1411 | 0.01% | 0.006% |
| 64 | 12.603 | 1749 | 1755 | 1763 | rBB2 | 23501 | 37417 | 0.29% | 0.156% |
| 65 | 12.689 | 1763 | 1769 | 1777 | rBV | 30946 | 51764 | 0.41% | 0.216% |
| 66 | 12.768 | 1780 | 1782 | 1784 | rVV | 181 | 195 | 0.00% | 0.001% |
| 67 | 12.804 | 1784 | 1788 | 1792 | rVB | 637 | 985 | 0.01% | 0.004% |
| 68 | 12.865 | 1793 | 1798 | 1801 | rBV2 | 501 | 606 | 0.00% | 0.003% |
| 69 | 12.926 | 1806 | 1808 | 1809 | rBV | 639 | 456 | 0.00% | 0.002% |
| 70 | 13.006 | 1818 | 1821 | 1825 | rBB | 137 | 146 | 0.00% | 0.001% |
| 71 | 13.103 | 1834 | 1837 | 1841 | rVV2 | 365 | 561 | 0.00% | 0.002% |
| 72 | 13.195 | 1845 | 1852 | 1855 | rBB3 | 575 | 1006 | 0.01% | 0.004% |
| 73 | 13.249 | 1855 | 1861 | 1864 | rBV2 | 977 | 1605 | 0.01% | 0.007% |
| 74 | 13.292 | 1864 | 1868 | 1874 | rVB2 | 3127 | 4700 | 0.04% | 0.020% |
| 75 | 13.408 | 1881 | 1887 | 1890 | rBB2 | 763 | 1187 | 0.01% | 0.005% |
| 76 | 13.469 | 1894 | 1897 | 1898 | rBB2 | 209 | 144 | 0.00% | 0.001% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021128.D
Acq On : 04 Dec 2021 19:16
Operator : SY/VA
Sample : M4885-14
Misc : 3.93g/10.0mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
EW9M1

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\SFAMWLM120321SMA.M
Title : SFAM01.0

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 13.505 | 1899 | 1903 | 1906 | rBV2 | 382 | 469 | 0.00% | 0.002% |
| 78 | 13.554 | 1906 | 1911 | 1916 | rBV | 8933 | 14086 | 0.11% | 0.059% |
| 79 | 13.646 | 1925 | 1926 | 1929 | rBV | 307 | 286 | 0.00% | 0.001% |
| 80 | 13.762 | 1941 | 1945 | 1949 | rBB3 | 506 | 830 | 0.01% | 0.003% |
| 81 | 13.798 | 1950 | 1951 | 1954 | rBV | 110 | 130 | 0.00% | 0.001% |
| 82 | 13.847 | 1954 | 1959 | 1965 | rVV | 10844 | 18798 | 0.15% | 0.078% |
| 83 | 13.902 | 1965 | 1968 | 1972 | rVV | 343 | 527 | 0.00% | 0.002% |
| 84 | 13.944 | 1972 | 1975 | 1978 | rVV3 | 288 | 396 | 0.00% | 0.002% |
| 85 | 14.066 | 1989 | 1995 | 2002 | rBB2 | 6846 | 11288 | 0.09% | 0.047% |
| 86 | 14.585 | 2079 | 2080 | 2085 | rBB | 128 | 161 | 0.00% | 0.001% |
| 87 | 14.719 | 2096 | 2102 | 2106 | rBV3 | 1193 | 1826 | 0.01% | 0.008% |
| 88 | 14.822 | 2117 | 2119 | 2123 | rVB | 143 | 188 | 0.00% | 0.001% |
| 89 | 14.956 | 2139 | 2141 | 2144 | rVB | 139 | 145 | 0.00% | 0.001% |
| 90 | 15.042 | 2153 | 2155 | 2157 | rBV | 136 | 133 | 0.00% | 0.001% |
| 91 | 15.237 | 2183 | 2187 | 2189 | rBV2 | 142 | 233 | 0.00% | 0.001% |
| 92 | 15.298 | 2194 | 2197 | 2200 | rBV2 | 230 | 331 | 0.00% | 0.001% |
| 93 | 15.359 | 2203 | 2207 | 2213 | rBB3 | 430 | 929 | 0.01% | 0.004% |
| 94 | 15.432 | 2213 | 2219 | 2223 | rBV | 2829 | 4524 | 0.04% | 0.019% |
| 95 | 15.487 | 2223 | 2228 | 2235 | rVB3 | 1235 | 2155 | 0.02% | 0.009% |
| 96 | 16.121 | 2328 | 2332 | 2333 | rBV | 164 | 142 | 0.00% | 0.001% |
| 97 | 16.139 | 2333 | 2335 | 2338 | rVB | 145 | 138 | 0.00% | 0.001% |
| 98 | 16.212 | 2345 | 2347 | 2348 | rBV | 163 | 130 | 0.00% | 0.001% |
| 99 | 16.432 | 2381 | 2383 | 2386 | rVB | 351 | 374 | 0.00% | 0.002% |
| 100 | 16.639 | 2412 | 2417 | 2420 | rVV2 | 227 | 358 | 0.00% | 0.001% |

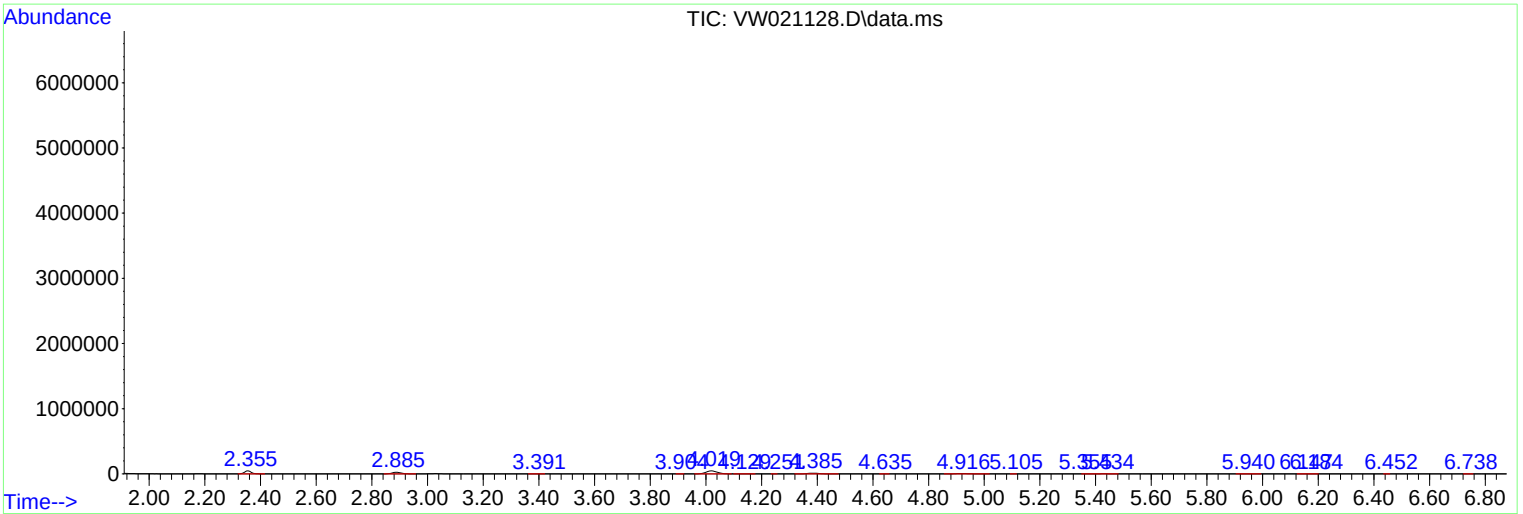
Sum of corrected areas: 23955880

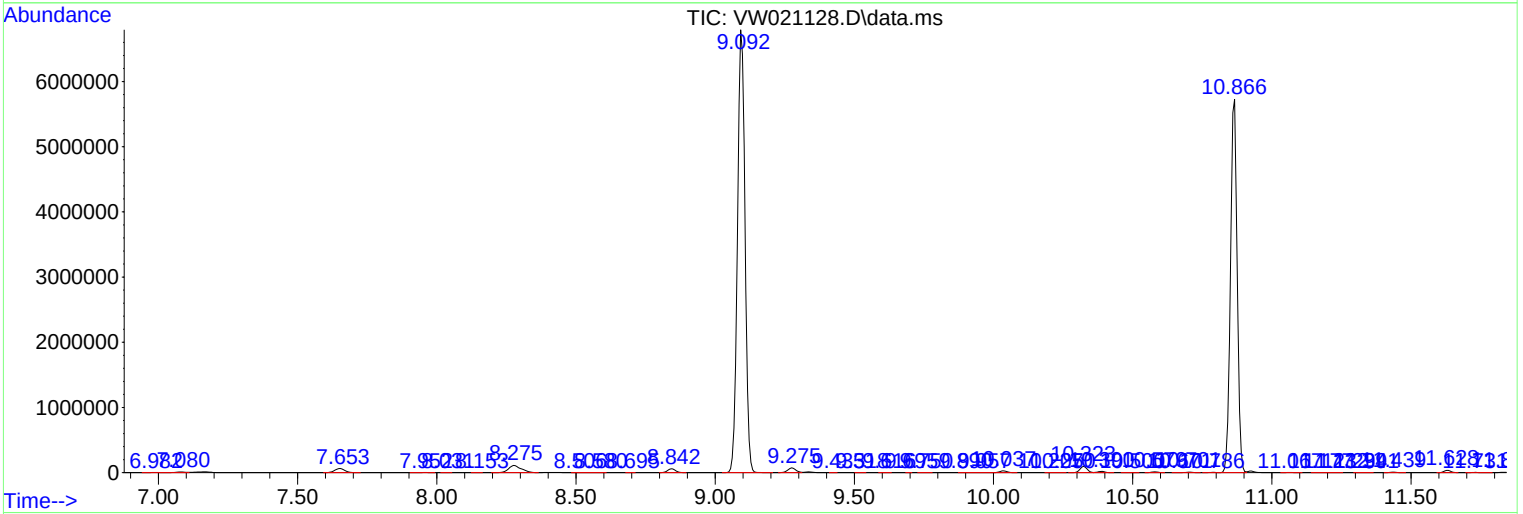
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021128.D
Acq On : 04 Dec 2021 19:16
Operator : SY/VA
Sample : M4885-14
Misc : 3.93g/10.0mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

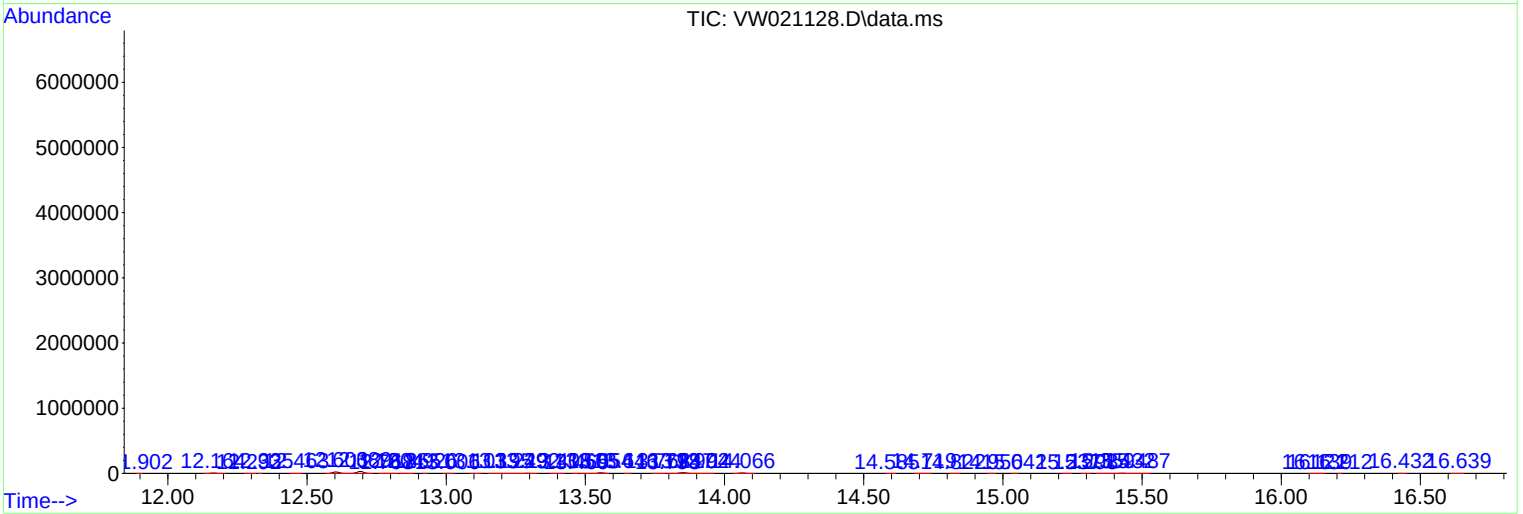
**Instrument :**
MSVOA_W
**ClientSampleId :**
EW9M1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021128.D
Acq On : 04 Dec 2021 19:16
Operator : SY/VA
Sample : M4885-14
Misc : 3.93g/10.0mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
EW9M1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

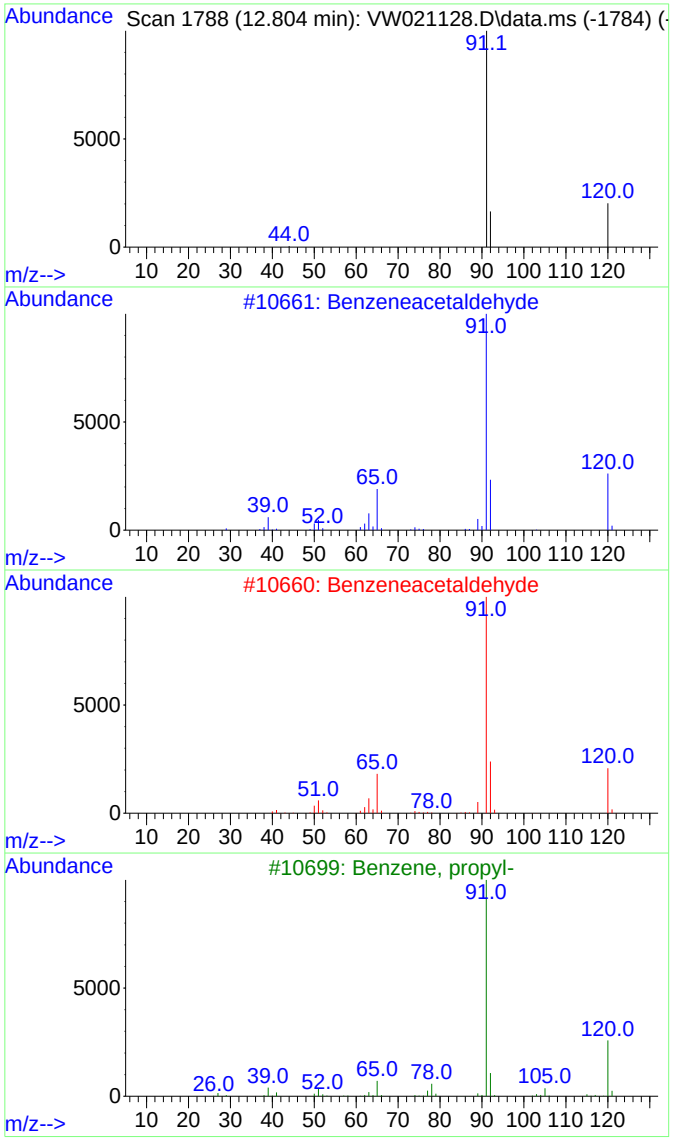
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

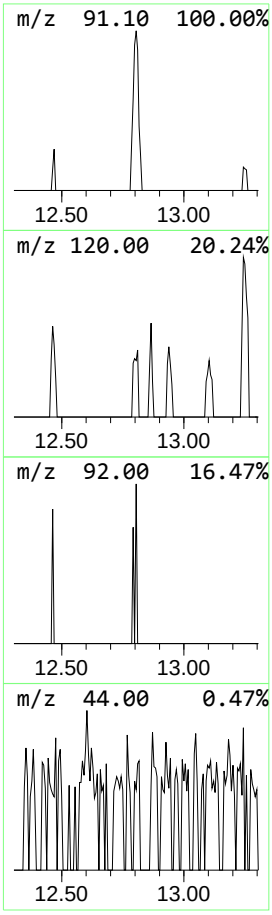
**********

Peak Number 6 unknown-01 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.804 | 1.75 ug/L | 985 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzeneacetaldehyde | 120 | C8H8O | 000122-78-1 | 9 |
| 2 | Benzeneacetaldehyde | 120 | C8H8O | 000122-78-1 | 9 |
| 3 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 7 |
| 4 | 1,3,5-Cycloheptatriene, 7-ethyl- | 120 | C9H12 | 017634-51-4 | 7 |
| 5 | Benzeneacetaldehyde | 120 | C8H8O | 000122-78-1 | 4 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021128.D
Acq On : 04 Dec 2021 19:16
Operator : SY/VA
Sample : M4885-14
Misc : 3.93g/10.0mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
EW9M1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

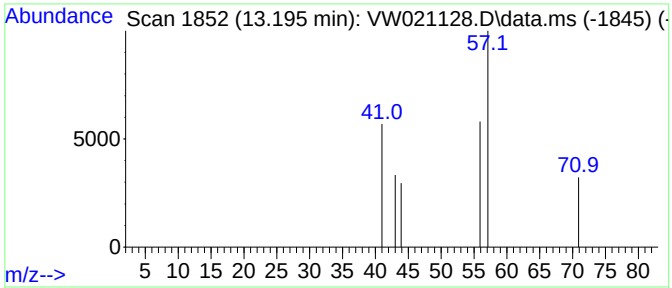
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

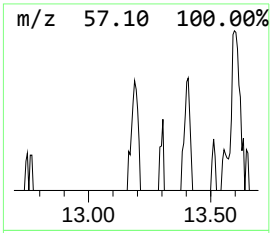
**********

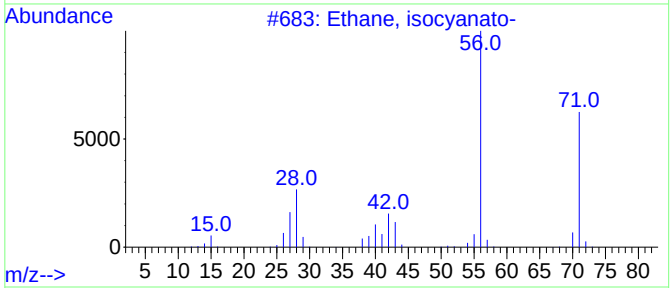
Peak Number 7 unknown-02 Concentration Rank 11

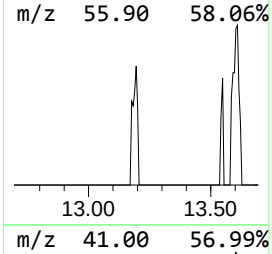
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.195 | 1.79 ug/L | 1006 | 1,4-Dichlorobenzene-d4 | 13.560 |

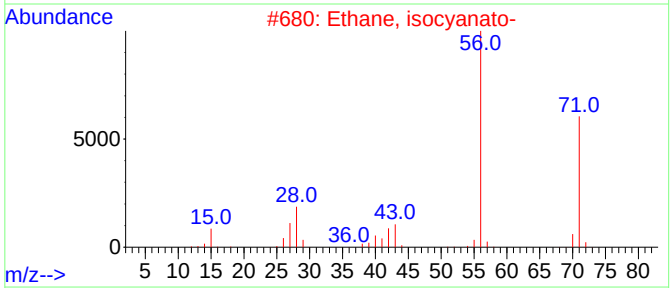
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethane, isocyanato- | 71 | C3H5NO | 000109-90-0 | 4 |
| 2 | Ethane, isocyanato- | 71 | C3H5NO | 000109-90-0 | 4 |
| 3 | Ethane, isocyanato- | 71 | C3H5NO | 000109-90-0 | 4 |
| 4 | Cyanic acid, ethyl ester | 71 | C3H5NO | 000627-48-5 | 4 |
| 5 | Azetidine | 57 | C3H7N | 000503-29-7 | 4 |

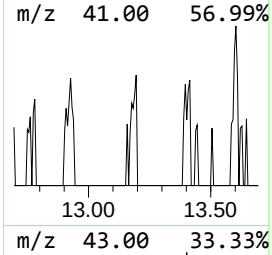


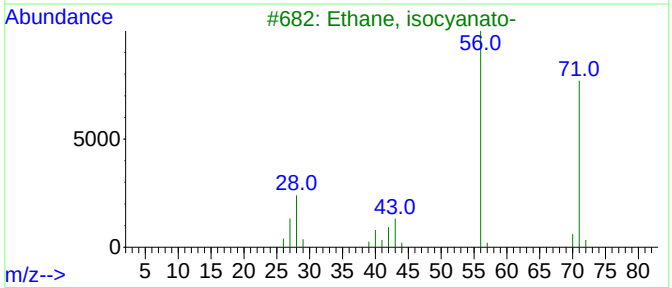



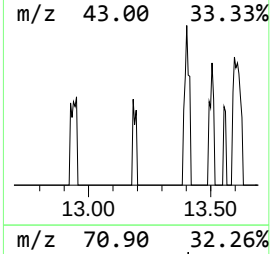



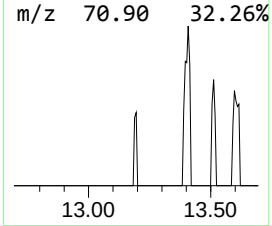



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021128.D
Acq On : 04 Dec 2021 19:16
Operator : SY/VA
Sample : M4885-14
Misc : 3.93g/10.0mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
EW9M1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

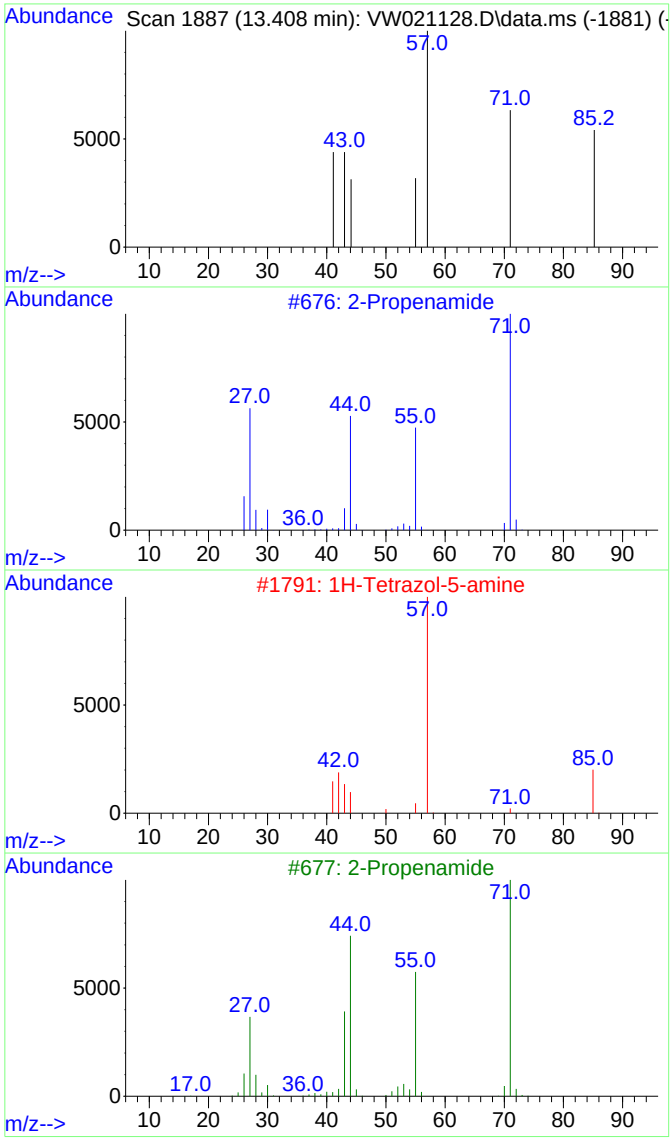
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

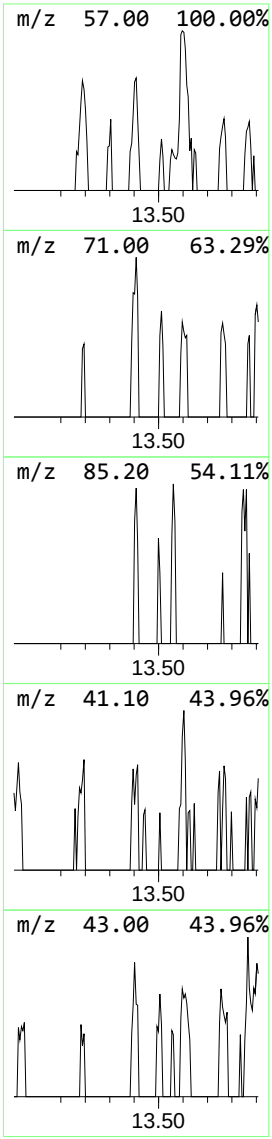
**********

Peak Number 8 unknown-03 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.408 | 2.11 ug/L | 1187 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Propenamide | 71 | C3H5NO | 000079-06-1 | 9 |
| 2 | 1H-Tetrazol-5-amine | 85 | CH3N5 | 004418-61-5 | 7 |
| 3 | 2-Propenamide | 71 | C3H5NO | 000079-06-1 | 7 |
| 4 | Azetidine, 2-methyl- | 71 | C4H9N | 019812-49-8 | 5 |
| 5 | Azetidine, 1-methyl- | 71 | C4H9N | 004923-79-9 | 5 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021128.D
Acq On : 04 Dec 2021 19:16
Operator : SY/VA
Sample : M4885-14
Misc : 3.93g/10.0mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
EW9M1

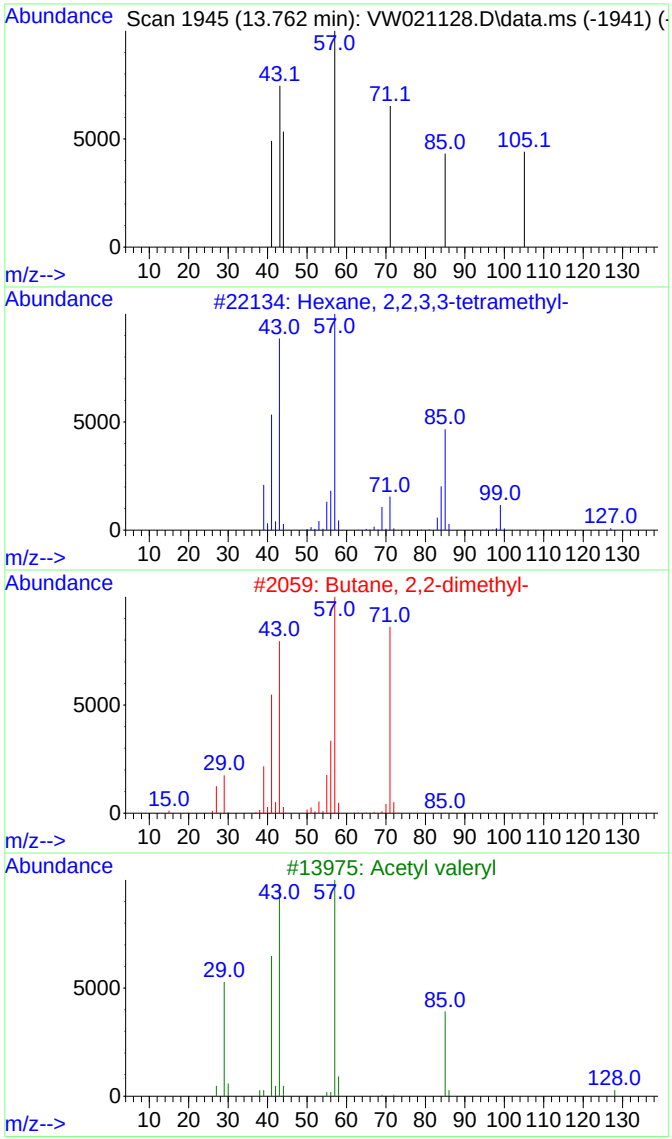
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

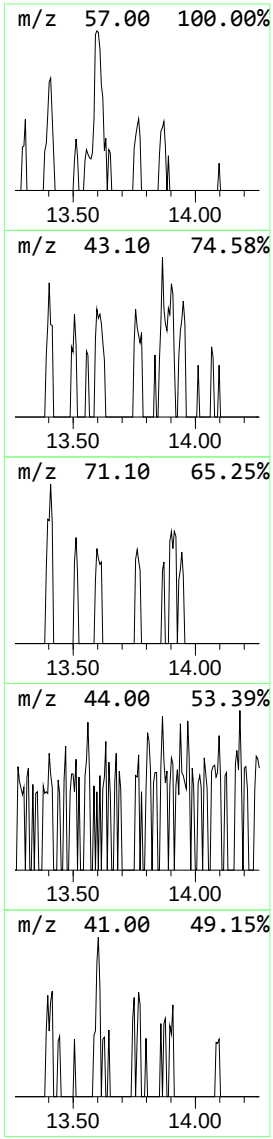
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.762 | 1.47 ug/L | 830 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 2,2,3,3-tetramethyl- | 142 | C10H22 | 013475-81-5 | 9 |
| 2 | Butane, 2,2-dimethyl- | 86 | C6H14 | 000075-83-2 | 9 |
| 3 | Acetyl valeryl | 128 | C7H12O2 | 000096-04-8 | 9 |
| 4 | Butane, 2,2-dimethyl- | 86 | C6H14 | 000075-83-2 | 9 |
| 5 | Hexane, 3,3-dimethyl- | 114 | C8H18 | 000563-16-6 | 9 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021128.D
Acq On : 04 Dec 2021 19:16
Operator : SY/VA
Sample : M4885-14
Misc : 3.93g/10.0mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
EW9M1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

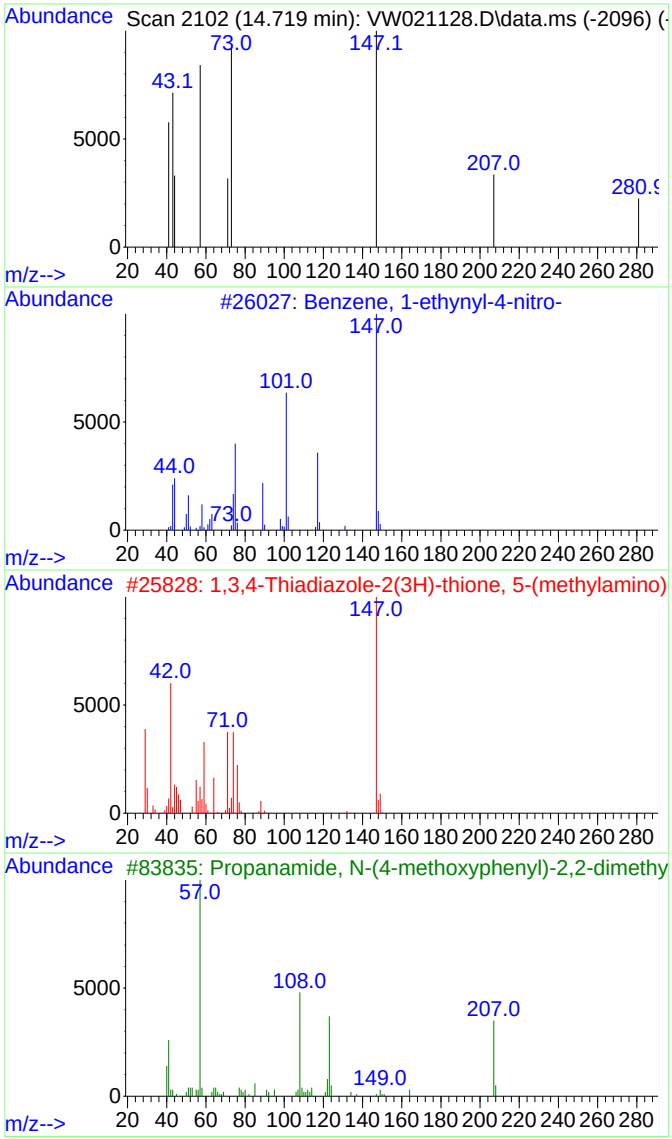
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

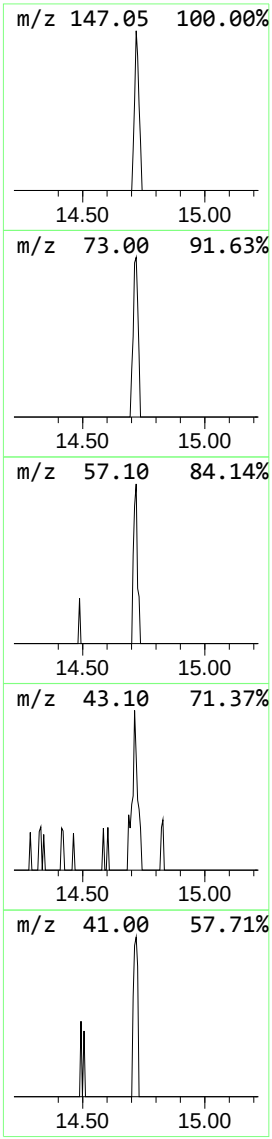
**********

Peak Number 11 unknown-04 Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.719 | 3.24 ug/L | 1826 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethynyl-4-nitro- | 147 | C8H5NO2 | 000937-31-5 | 4 |
| 2 | 1,3,4-Thiadiazole-2(3H)-thione, ... | 147 | C3H5N3S2 | 027386-01-2 | 4 |
| 3 | Propanamide, N-(4-methoxyphenyl)... | 207 | C12H17NO2 | 056619-94-4 | 4 |
| 4 | Propanamide, N-(3-methoxyphenyl)... | 207 | C12H17NO2 | 056619-93-3 | 4 |
| 5 | o-Anisidine, N-trimethylacetyl- | 207 | C12H17NO2 | 033768-49-9 | 4 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021128.D
Acq On : 04 Dec 2021 19:16
Operator : SY/VA
Sample : M4885-14
Misc : 3.93g/10.0mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
EW9M1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

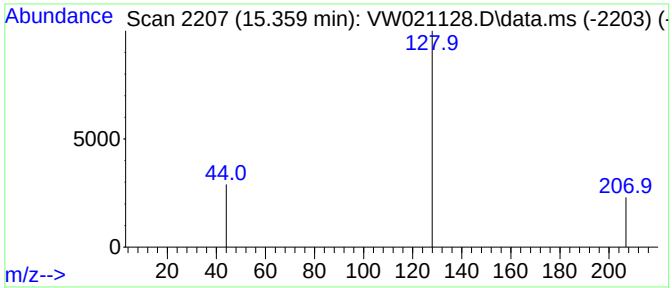
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

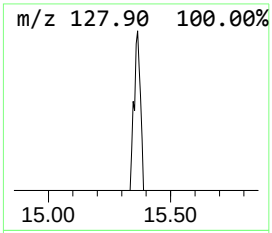
**********

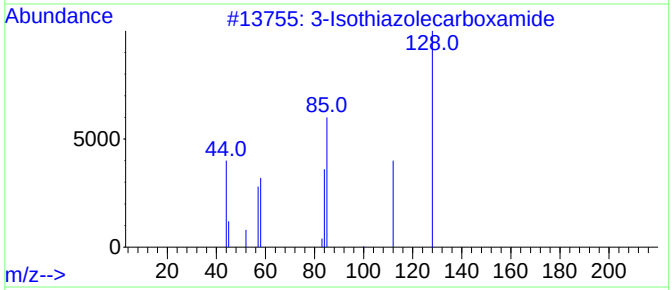
Peak Number 12 unknown-05 Concentration Rank 13

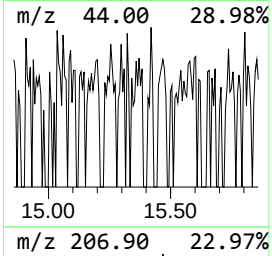
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.359 | 1.65 ug/L | 929 | 1,4-Dichlorobenzene-d4 | 13.560 |

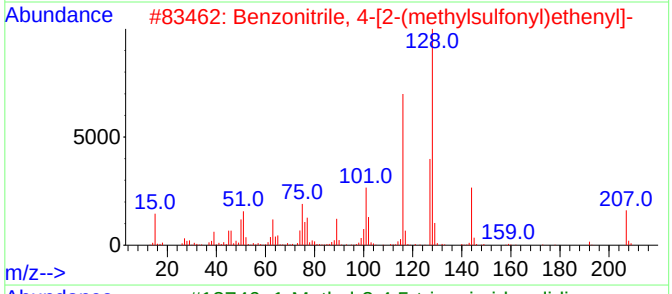
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Isothiazolecarboxamide | 128 | C4H4N2OS | 024342-43-6 | 5 |
| 2 | Benzonitrile, 4-[2-(methylsulfon... | 207 | C10H9NO2S | 077355-31-8 | 4 |
| 3 | 1-Methyl-2,4,5-trioxoimidazolidine | 128 | C4H4N2O3 | 003659-97-0 | 4 |
| 4 | 2,4,5-Trihydroxypyrimidine | 128 | C4H4N2O3 | 000496-76-4 | 4 |
| 5 | 5-Hydroxyuracil | 128 | C4H4N2O3 | 1000489-22-6 | 4 |

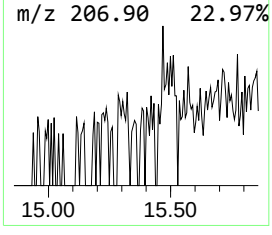


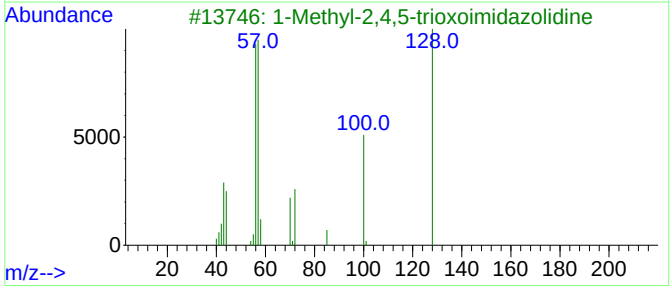



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021128.D
Acq On : 04 Dec 2021 19:16
Operator : SY/VA
Sample : M4885-14
Misc : 3.93g/10.0mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
EW9M1

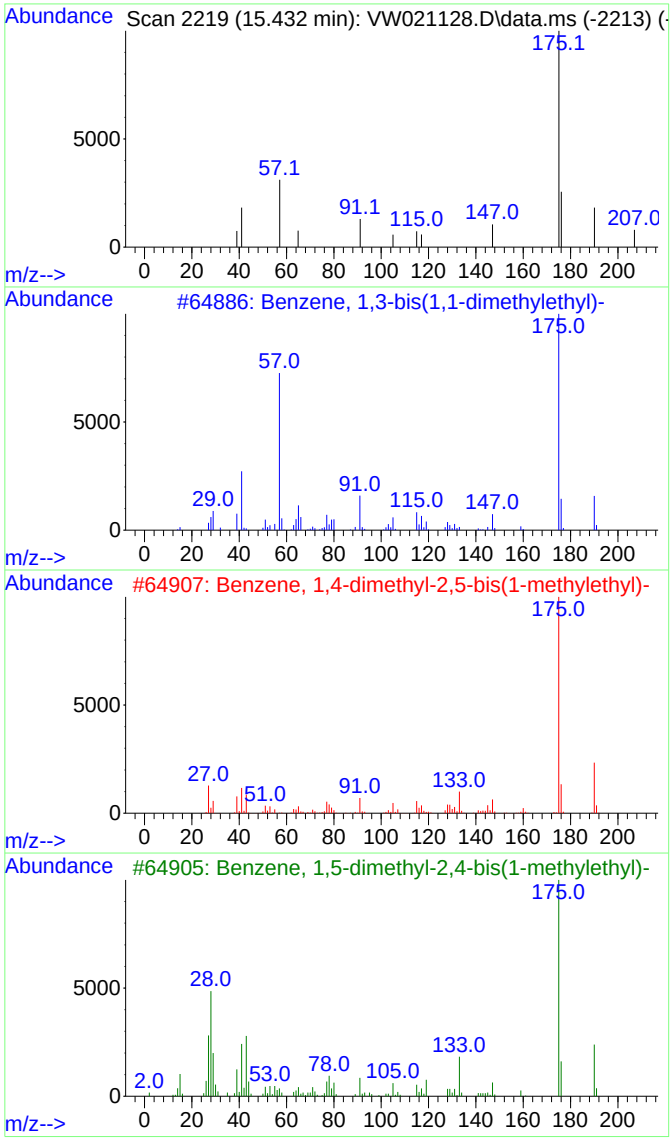
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

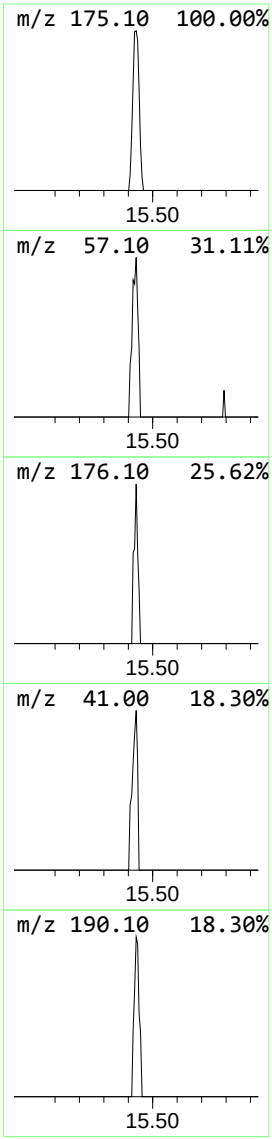
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.432 | 8.03 ug/L | 4524 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-bis(1,1-dimethyleth... | 190 | C14H22 | 001014-60-4 | 72 |
| 2 | Benzene, 1,4-dimethyl-2,5-bis(1-... | 190 | C14H22 | 010375-96-9 | 50 |
| 3 | Benzene, 1,5-dimethyl-2,4-bis(1-... | 190 | C14H22 | 005186-68-5 | 50 |
| 4 | Benzenepropanal, 4-(1,1-dimethyl... | 190 | C13H18O | 018127-01-0 | 50 |
| 5 | Benzene, 1,3-bis(1,1-dimethyleth... | 190 | C14H22 | 001014-60-4 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021128.D
Acq On : 04 Dec 2021 19:16
Operator : SY/VA
Sample : M4885-14
Misc : 3.93g/10.0mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
EW9M1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

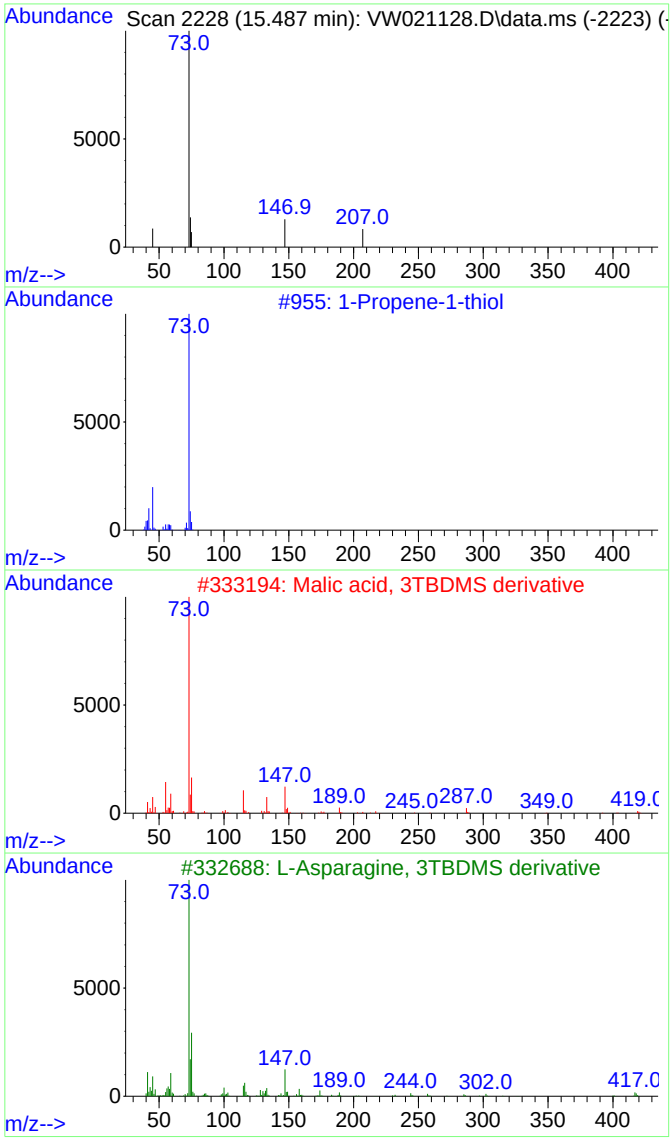
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

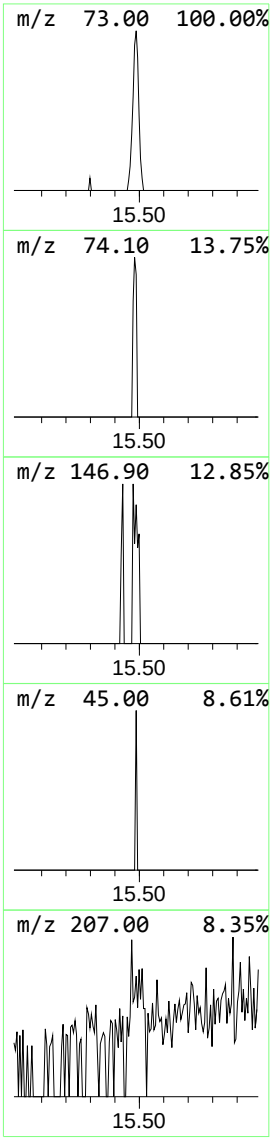
**********

Peak Number 14 unknown-06 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.487 | 3.82 ug/L | 2155 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Propene-1-thiol | 74 | C3H6S | 000925-89-3 | 4 |
| 2 | Malic acid, 3TBDMS derivative | 476 | C22H48O5Si3 | 099461-86-6 | 4 |
| 3 | L-Asparagine, 3TBDMS derivative | 474 | C22H50N2O3Si3 | 096381-41-8 | 4 |
| 4 | Cyclopropane, 2-methylene-1-pent... | 196 | C12H24Si | 167300-47-2 | 4 |
| 5 | 4-Chloro-3-nitro-2H-pyrazole | 147 | C3H2ClN3O2 | 1000411-34-5 | 4 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021128.D
Acq On : 04 Dec 2021 19:16
Operator : SY/VA
Sample : M4885-14
Misc : 3.93g/10.0mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
EW9M1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| unknown-01 | 12.804 | 1.8 | ug/L | 985 | 3 | 13.560 | 14086 | 25.0 |
| unknown-02 | 13.195 | 1.8 | ug/L | 1006 | 3 | 13.560 | 14086 | 25.0 |
| unknown-03 | 13.408 | 2.1 | ug/L | 1187 | 3 | 13.560 | 14086 | 25.0 |
| (DEL) Alkane: S... | 13.762 | 1.5 | ug/L | 830 | 3 | 13.560 | 14086 | 25.0 |
| unknown-04 | 14.719 | 3.2 | ug/L | 1826 | 3 | 13.560 | 14086 | 25.0 |
| unknown-05 | 15.359 | 1.6 | ug/L | 929 | 3 | 13.560 | 14086 | 25.0 |
| Benzene, 1,3-bi... | 15.432 | 8.0 | ug/L | 4524 | 3 | 13.560 | 14086 | 25.0 |
| unknown-06 | 15.487 | 3.8 | ug/L | 2155 | 3 | 13.560 | 14086 | 25.0 |