

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122222\  
 Data File : VW025153.D  
 Acq On : 22 Dec 2022 13:19  
 Operator : SY/MD  
 Sample : N6169-01  
 Misc : 4.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GBQ96

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\SFAMWLM120822SMA.M  
 Title : SFAM01.0

Signal : TIC: VW025153.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       | 67            | 73          | 82           | rVB      | 138266         | 220565        | 11.12%          | 1.467%        |
| 2         | 2.489       | 91            | 96          | 108          | rBV      | 61820          | 119351        | 6.02%           | 0.794%        |
| 3         | 2.885       | 154           | 161         | 173          | rVB      | 84865          | 177816        | 8.97%           | 1.182%        |
| 4         | 3.385       | 233           | 243         | 256          | rBV      | 257818         | 607863        | 30.65%          | 4.042%        |
| 5         | 3.641       | 283           | 285         | 286          | rBV      | 376            | 252           | 0.01%           | 0.002%        |
| 6         | 3.763       | 304           | 305         | 311          | rBV3     | 421            | 655           | 0.03%           | 0.004%        |
| 7         | 3.818       | 313           | 314         | 316          | rVB2     | 381            | 233           | 0.01%           | 0.002%        |
| 8         | 3.836       | 316           | 317         | 318          | rBV      | 401            | 212           | 0.01%           | 0.001%        |
| 9         | 3.897       | 323           | 327         | 328          | rBV2     | 391            | 532           | 0.03%           | 0.004%        |
| 10        | 4.013       | 334           | 346         | 358          | rBV      | 226899         | 660545        | 33.31%          | 4.393%        |
| 11        | 4.830       | 478           | 480         | 481          | rBV2     | 289            | 241           | 0.01%           | 0.002%        |
| 12        | 4.909       | 484           | 493         | 501          | rBV      | 16495          | 52526         | 2.65%           | 0.349%        |
| 13        | 5.123       | 521           | 528         | 529          | rBV2     | 2550           | 4551          | 0.23%           | 0.030%        |
| 14        | 5.348       | 563           | 565         | 566          | rBV2     | 319            | 197           | 0.01%           | 0.001%        |
| 15        | 5.409       | 573           | 575         | 577          | rVB2     | 289            | 224           | 0.01%           | 0.001%        |
| 16        | 5.732       | 626           | 628         | 629          | rBV2     | 259            | 271           | 0.01%           | 0.002%        |
| 17        | 5.793       | 629           | 638         | 648          | rVV6     | 3851           | 12499         | 0.63%           | 0.083%        |
| 18        | 5.940       | 651           | 662         | 673          | rBV5     | 3652           | 11989         | 0.60%           | 0.080%        |
| 19        | 6.104       | 683           | 689         | 690          | rBV3     | 528            | 606           | 0.03%           | 0.004%        |
| 20        | 6.257       | 710           | 714         | 715          | rBV      | 341            | 330           | 0.02%           | 0.002%        |
| 21        | 6.311       | 720           | 723         | 725          | rBV      | 179            | 212           | 0.01%           | 0.001%        |
| 22        | 6.592       | 765           | 769         | 771          | rBV4     | 644            | 699           | 0.04%           | 0.005%        |
| 23        | 6.824       | 805           | 807         | 810          | rBV2     | 230            | 254           | 0.01%           | 0.002%        |
| 24        | 6.897       | 811           | 819         | 829          | rBV4     | 3808           | 12223         | 0.62%           | 0.081%        |
| 25        | 7.074       | 839           | 848         | 861          | rBV      | 73234          | 211887        | 10.69%          | 1.409%        |
| 26        | 7.305       | 884           | 886         | 887          | rBV      | 392            | 284           | 0.01%           | 0.002%        |
| 27        | 7.537       | 918           | 924         | 925          | rBV3     | 463            | 872           | 0.04%           | 0.006%        |
| 28        | 7.647       | 931           | 942         | 961          | rVB      | 339196         | 838371        | 42.28%          | 5.575%        |
| 29        | 7.775       | 961           | 963         | 964          | rBV      | 281            | 274           | 0.01%           | 0.002%        |
| 30        | 7.872       | 972           | 979         | 985          | rBV4     | 1961           | 5087          | 0.26%           | 0.034%        |
| 31        | 7.945       | 985           | 991         | 996          | rVB4     | 802            | 1412          | 0.07%           | 0.009%        |
| 32        | 8.067       | 1009          | 1011        | 1016         | rBV3     | 374            | 436           | 0.02%           | 0.003%        |
| 33        | 8.274       | 1034          | 1045        | 1062         | rBV2     | 653771         | 1982950       | 100.00%         | 13.187%       |
| 34        | 8.707       | 1109          | 1116        | 1124         | rVB4     | 5267           | 12843         | 0.65%           | 0.085%        |
| 35        | 8.841       | 1129          | 1138        | 1147         | rBV      | 591156         | 1167272       | 58.87%          | 7.762%        |
| 36        | 9.012       | 1163          | 1166        | 1167         | rVB      | 306            | 226           | 0.01%           | 0.002%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122222\  
 Data File : VW025153.D  
 Acq On : 22 Dec 2022 13:19  
 Operator : SY/MD  
 Sample : N6169-01  
 Misc : 4.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GBQ96

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\SFAMWLM120822SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |       |         |         |        |         |
|----|--------|------|------|------|-------|---------|---------|--------|---------|
| 37 | 9.085  | 1167 | 1178 | 1185 | rBV10 | 4312    | 10397   | 0.52%  | 0.069%  |
| 38 | 9.165  | 1188 | 1191 | 1193 | rBV2  | 231     | 217     | 0.01%  | 0.001%  |
| 39 | 9.274  | 1198 | 1209 | 1218 | rBV   | 452600  | 919256  | 46.36% | 6.113%  |
| 40 | 9.408  | 1227 | 1231 | 1241 | rVB4  | 6531    | 13200   | 0.67%  | 0.088%  |
| 41 | 9.610  | 1263 | 1264 | 1266 | rBV   | 264     | 229     | 0.01%  | 0.002%  |
| 42 | 9.658  | 1268 | 1272 | 1281 | rVV5  | 2808    | 5960    | 0.30%  | 0.040%  |
| 43 | 9.774  | 1288 | 1291 | 1294 | rBV2  | 253     | 355     | 0.02%  | 0.002%  |
| 44 | 9.860  | 1302 | 1305 | 1306 | rBV2  | 271     | 259     | 0.01%  | 0.002%  |
| 45 | 10.030 | 1324 | 1333 | 1346 | rBV   | 248886  | 456707  | 23.03% | 3.037%  |
| 46 | 10.213 | 1359 | 1363 | 1369 | rVB4  | 1032    | 1654    | 0.08%  | 0.011%  |
| 47 | 10.323 | 1369 | 1381 | 1388 | rBV   | 853847  | 1532088 | 77.26% | 10.189% |
| 48 | 10.579 | 1415 | 1423 | 1431 | rBV   | 158484  | 281923  | 14.22% | 1.875%  |
| 49 | 10.701 | 1438 | 1443 | 1451 | rVB2  | 16261   | 28647   | 1.44%  | 0.191%  |
| 50 | 10.762 | 1451 | 1453 | 1456 | rBV   | 282     | 288     | 0.01%  | 0.002%  |
| 51 | 10.805 | 1458 | 1460 | 1461 | rBV   | 275     | 197     | 0.01%  | 0.001%  |
| 52 | 10.859 | 1461 | 1469 | 1475 | rBV   | 1079574 | 1863332 | 93.97% | 12.391% |
| 53 | 10.920 | 1475 | 1479 | 1495 | rVV   | 275681  | 468283  | 23.62% | 3.114%  |
| 54 | 11.073 | 1498 | 1504 | 1512 | rVB2  | 10866   | 19984   | 1.01%  | 0.133%  |
| 55 | 11.176 | 1518 | 1521 | 1524 | rVB2  | 505     | 463     | 0.02%  | 0.003%  |
| 56 | 11.231 | 1527 | 1530 | 1534 | rBV2  | 266     | 436     | 0.02%  | 0.003%  |
| 57 | 11.274 | 1534 | 1537 | 1540 | rVB   | 319     | 327     | 0.02%  | 0.002%  |
| 58 | 11.329 | 1543 | 1546 | 1548 | rBV2  | 334     | 320     | 0.02%  | 0.002%  |
| 59 | 11.402 | 1554 | 1558 | 1562 | rVB4  | 2277    | 3401    | 0.17%  | 0.023%  |
| 60 | 11.463 | 1565 | 1568 | 1570 | rVB2  | 246     | 218     | 0.01%  | 0.001%  |
| 61 | 11.628 | 1587 | 1595 | 1607 | rBV   | 551598  | 957862  | 48.30% | 6.370%  |
| 62 | 11.731 | 1609 | 1612 | 1618 | rVB2  | 1654    | 2174    | 0.11%  | 0.014%  |
| 63 | 11.835 | 1624 | 1629 | 1640 | rBV4  | 3916    | 9059    | 0.46%  | 0.060%  |
| 64 | 12.067 | 1666 | 1667 | 1670 | rBV   | 326     | 283     | 0.01%  | 0.002%  |
| 65 | 12.121 | 1673 | 1676 | 1677 | rBV   | 226     | 217     | 0.01%  | 0.001%  |
| 66 | 12.170 | 1679 | 1684 | 1692 | rVB5  | 1864    | 4012    | 0.20%  | 0.027%  |
| 67 | 12.243 | 1692 | 1696 | 1699 | rBV3  | 414     | 511     | 0.03%  | 0.003%  |
| 68 | 12.292 | 1701 | 1704 | 1705 | rBV2  | 286     | 193     | 0.01%  | 0.001%  |
| 69 | 12.335 | 1705 | 1711 | 1718 | rBV2  | 5835    | 10157   | 0.51%  | 0.068%  |
| 70 | 12.457 | 1726 | 1731 | 1736 | rVB4  | 1183    | 2236    | 0.11%  | 0.015%  |
| 71 | 12.518 | 1739 | 1741 | 1742 | rBV   | 310     | 271     | 0.01%  | 0.002%  |
| 72 | 12.542 | 1742 | 1745 | 1747 | rVB2  | 300     | 272     | 0.01%  | 0.002%  |
| 73 | 12.603 | 1747 | 1755 | 1761 | rBV2  | 21717   | 36461   | 1.84%  | 0.242%  |
| 74 | 12.688 | 1762 | 1769 | 1777 | rVV   | 351220  | 576048  | 29.05% | 3.831%  |
| 75 | 12.755 | 1777 | 1780 | 1788 | rVB5  | 1610    | 2878    | 0.15%  | 0.019%  |
| 76 | 12.883 | 1797 | 1801 | 1804 | rVB3  | 1093    | 1449    | 0.07%  | 0.010%  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122222\  
 Data File : VW025153.D  
 Acq On : 22 Dec 2022 13:19  
 Operator : SY/MD  
 Sample : N6169-01  
 Misc : 4.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GBQ96

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\SFAMWLM120822SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 12.932 | 1804 | 1809 | 1818 | rBV6 | 4834   | 9154   | 0.46%  | 0.061% |
| 78  | 13.152 | 1843 | 1845 | 1846 | rBV2 | 422    | 331    | 0.02%  | 0.002% |
| 79  | 13.274 | 1857 | 1865 | 1872 | rVB4 | 10873  | 23564  | 1.19%  | 0.157% |
| 80  | 13.396 | 1878 | 1885 | 1893 | rBV2 | 6498   | 11438  | 0.58%  | 0.076% |
| 81  | 13.499 | 1893 | 1902 | 1906 | rBV  | 33896  | 56017  | 2.82%  | 0.373% |
| 82  | 13.554 | 1906 | 1911 | 1922 | rVV  | 456316 | 729654 | 36.80% | 4.852% |
| 83  | 13.645 | 1922 | 1926 | 1932 | rVB2 | 6425   | 11107  | 0.56%  | 0.074% |
| 84  | 13.755 | 1939 | 1944 | 1947 | rBV6 | 2423   | 3378   | 0.17%  | 0.022% |
| 85  | 13.847 | 1953 | 1959 | 1965 | rBV  | 402490 | 678378 | 34.21% | 4.511% |
| 86  | 14.060 | 1990 | 1994 | 2002 | rVB2 | 11446  | 17724  | 0.89%  | 0.118% |
| 87  | 14.249 | 2022 | 2025 | 2026 | rBV  | 587    | 599    | 0.03%  | 0.004% |
| 88  | 14.322 | 2032 | 2037 | 2045 | rBV6 | 5582   | 10943  | 0.55%  | 0.073% |
| 89  | 14.414 | 2050 | 2052 | 2056 | rVB4 | 725    | 917    | 0.05%  | 0.006% |
| 90  | 14.450 | 2056 | 2058 | 2060 | rBV2 | 572    | 517    | 0.03%  | 0.003% |
| 91  | 14.493 | 2060 | 2065 | 2066 | rBV4 | 1788   | 2535   | 0.13%  | 0.017% |
| 92  | 14.621 | 2081 | 2086 | 2092 | rBV5 | 3680   | 6428   | 0.32%  | 0.043% |
| 93  | 14.712 | 2092 | 2101 | 2108 | rBV2 | 26602  | 47894  | 2.42%  | 0.318% |
| 94  | 15.121 | 2165 | 2168 | 2172 | rBV4 | 2935   | 4542   | 0.23%  | 0.030% |
| 95  | 15.365 | 2203 | 2208 | 2209 | rBV2 | 6372   | 9373   | 0.47%  | 0.062% |
| 96  | 15.395 | 2209 | 2213 | 2221 | rVB  | 38605  | 62638  | 3.16%  | 0.417% |
| 97  | 15.474 | 2223 | 2226 | 2231 | rVB2 | 7696   | 12833  | 0.65%  | 0.085% |
| 98  | 15.785 | 2267 | 2277 | 2283 | rBV2 | 8804   | 17322  | 0.87%  | 0.115% |
| 99  | 16.438 | 2382 | 2384 | 2385 | rBV2 | 985    | 610    | 0.03%  | 0.004% |
| 100 | 16.755 | 2434 | 2436 | 2437 | rBV  | 830    | 489    | 0.02%  | 0.003% |

Sum of corrected areas: 15037369



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122222\  
Data File : VW025153.D  
Acq On : 22 Dec 2022 13:19  
Operator : SY/MD  
Sample : N6169-01  
Misc : 4.57g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
GBQ96

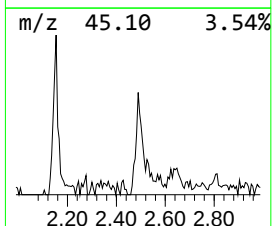
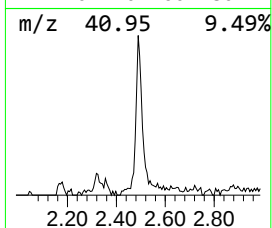
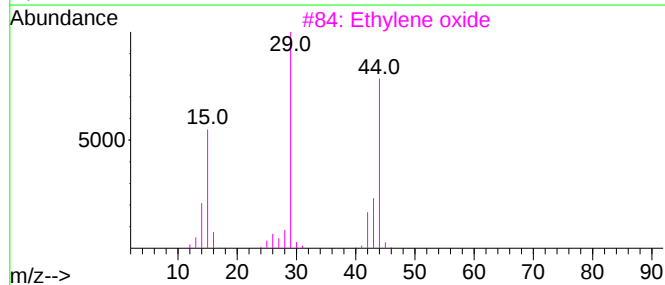
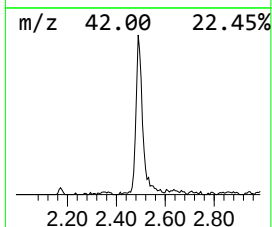
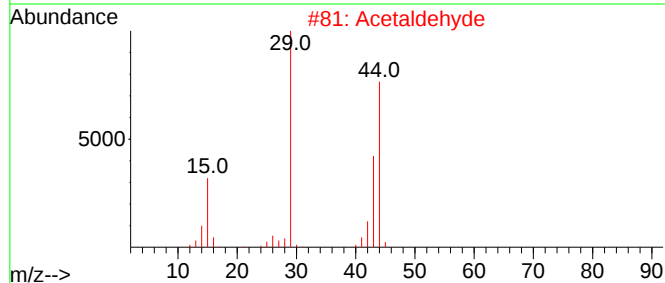
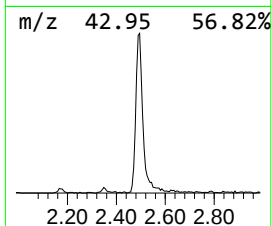
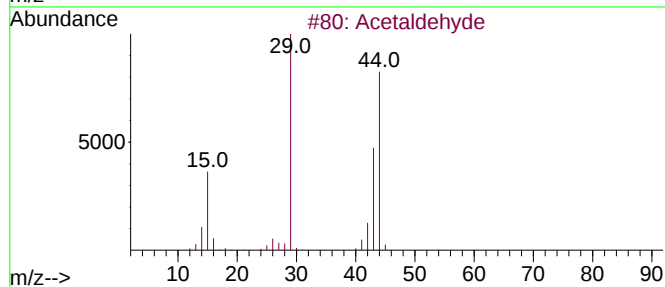
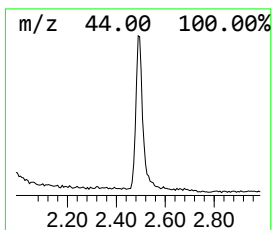
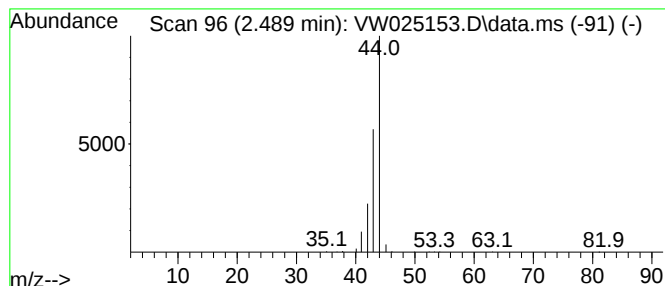
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120822SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 1 Acetaldehyde Concentration Rank 3

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 2.489 | 2.56 ug/L | 119351 | 1,4-Difluorobenzene | 8.841 |

| Hit# | of | 5 | Tentative ID   | MW | MolForm | CAS#        | Qual |
|------|----|---|----------------|----|---------|-------------|------|
| 1    |    |   | Acetaldehyde   | 44 | C2H4O   | 000075-07-0 | 56   |
| 2    |    |   | Acetaldehyde   | 44 | C2H4O   | 000075-07-0 | 56   |
| 3    |    |   | Ethylene oxide | 44 | C2H4O   | 000075-21-8 | 5    |
| 4    |    |   | Ethylene oxide | 44 | C2H4O   | 000075-21-8 | 5    |
| 5    |    |   | Ethylene oxide | 44 | C2H4O   | 000075-21-8 | 5    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122222\  
Data File : VW025153.D  
Acq On : 22 Dec 2022 13:19  
Operator : SY/MD  
Sample : N6169-01  
Misc : 4.57g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
GBQ96

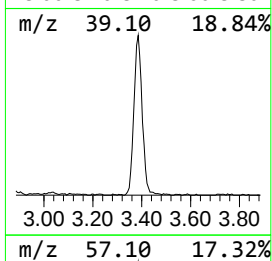
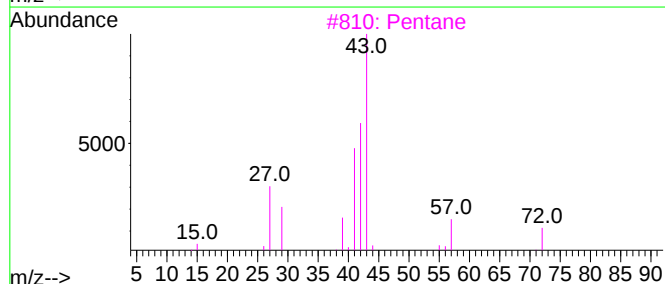
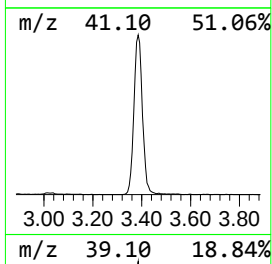
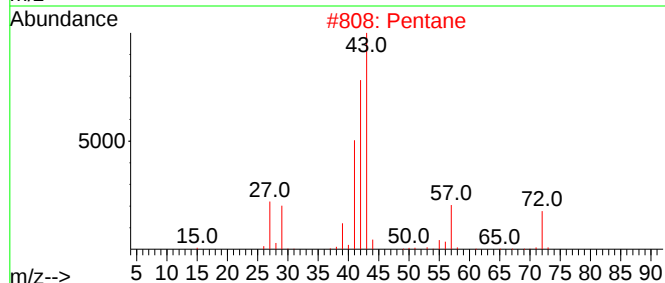
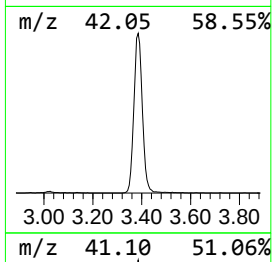
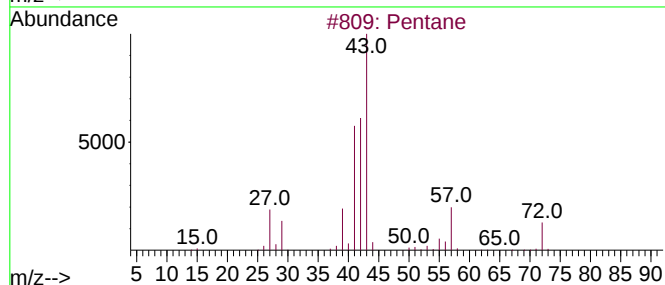
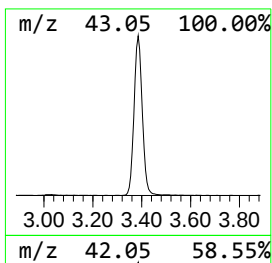
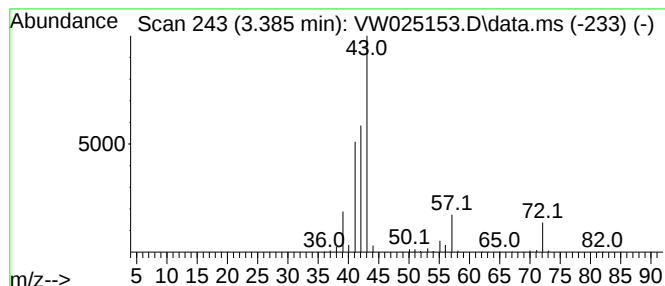
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120822SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD    | R.T.  |
|-------|------------|--------|---------------------|-------|
| 3.385 | 13.02 ug/L | 607863 | 1,4-Difluorobenzene | 8.841 |

| Hit# | of      | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|---------|---|--------------|----|---------|-------------|------|
| 1    | Pentane |   |              | 72 | C5H12   | 000109-66-0 | 91   |
| 2    | Pentane |   |              | 72 | C5H12   | 000109-66-0 | 90   |
| 3    | Pentane |   |              | 72 | C5H12   | 000109-66-0 | 86   |
| 4    | Pentane |   |              | 72 | C5H12   | 000109-66-0 | 86   |
| 5    | Pentane |   |              | 72 | C5H12   | 000109-66-0 | 86   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122222\  
Data File : VW025153.D  
Acq On : 22 Dec 2022 13:19  
Operator : SY/MD  
Sample : N6169-01  
Misc : 4.57g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
GBQ96

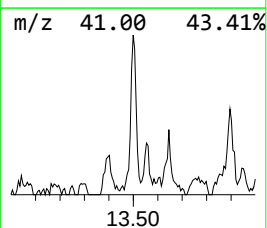
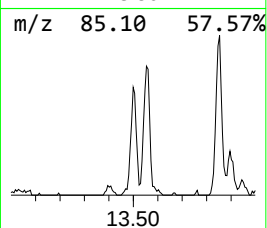
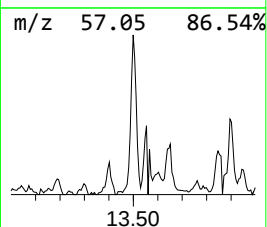
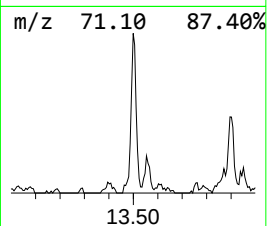
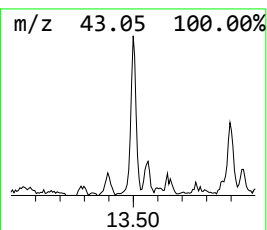
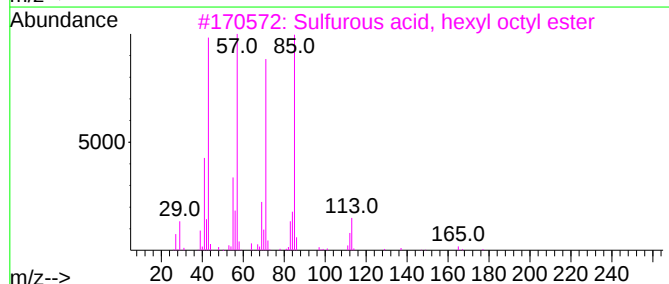
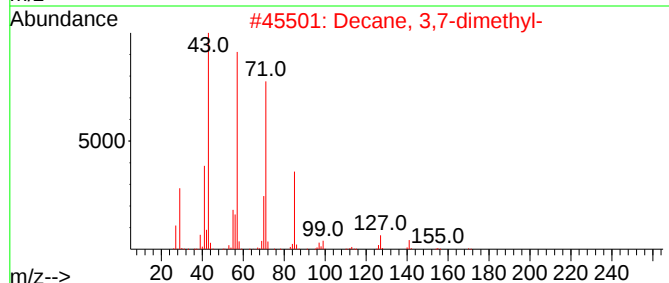
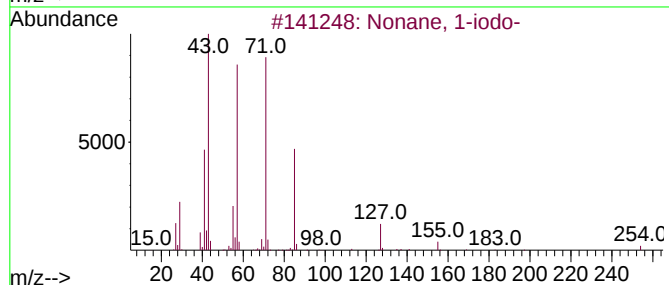
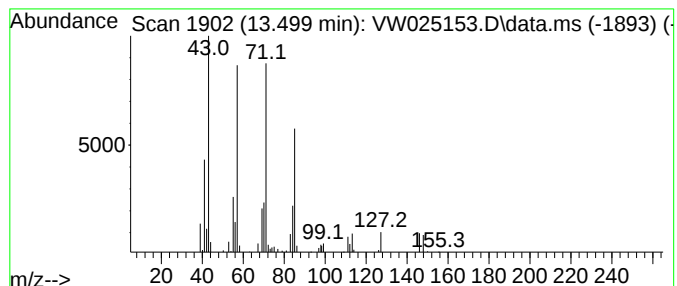
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120822SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 4 Nonane, 1-iodo- Concentration Rank 5

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.499 | 1.92 ug/L | 56017 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Nonane, 1-iodo-                     | 254 | C9H19I    | 004282-42-2  | 53   |
| 2    |    |   | Decane, 3,7-dimethyl-               | 170 | C12H26    | 017312-54-8  | 53   |
| 3    |    |   | Sulfurous acid, hexyl octyl ester   | 278 | C14H30O3S | 1000309-13-0 | 53   |
| 4    |    |   | Sulfurous acid, isohexyl pentyl ... | 236 | C11H24O3S | 1000309-14-0 | 52   |
| 5    |    |   | 1-Methylpentyl isobutyrate          | 172 | C10H20O2  | 1000429-31-7 | 47   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122222\  
Data File : VW025153.D  
Acq On : 22 Dec 2022 13:19  
Operator : SY/MD  
Sample : N6169-01  
Misc : 4.57g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
GBQ96

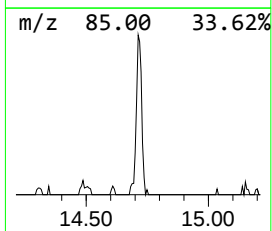
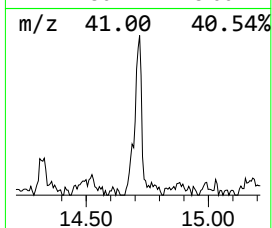
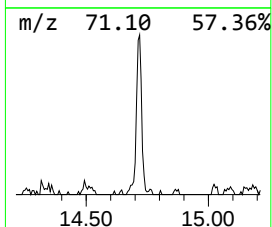
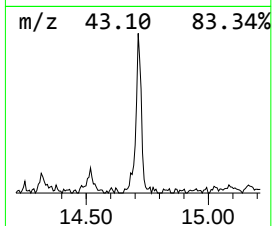
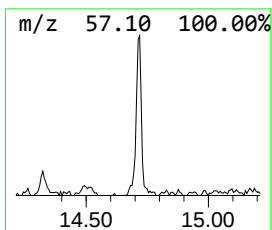
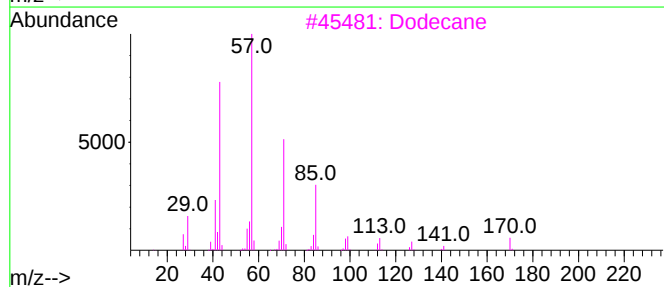
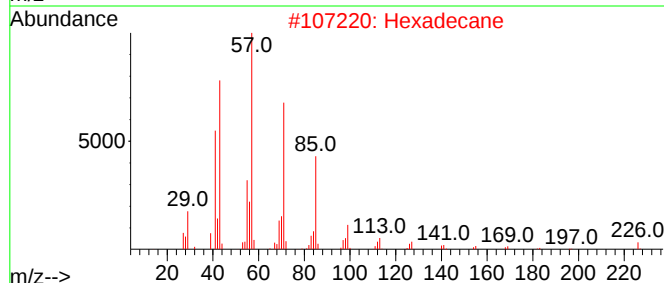
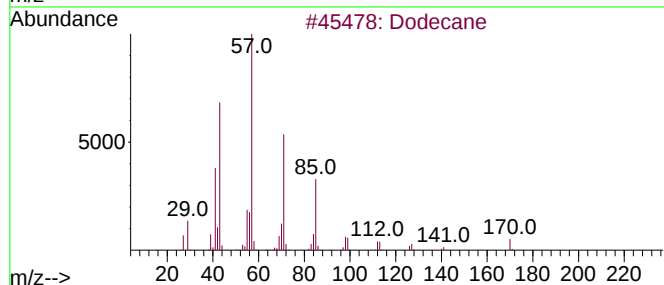
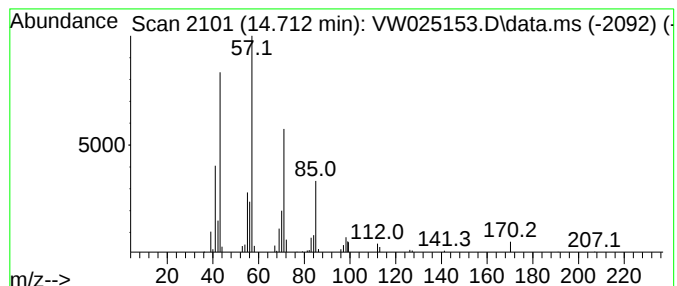
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120822SMA.M  
Quant Title : SFAM01.0

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

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

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.712 | 1.64 ug/L | 47894 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane     | 170 | C12H26  | 000112-40-3 | 93   |
| 2    |    |   | Hexadecane   | 226 | C16H34  | 000544-76-3 | 86   |
| 3    |    |   | Dodecane     | 170 | C12H26  | 000112-40-3 | 81   |
| 4    |    |   | Dodecane     | 170 | C12H26  | 000112-40-3 | 81   |
| 5    |    |   | Tetradecane  | 198 | C14H30  | 000629-59-4 | 80   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122222\  
Data File : VW025153.D  
Acq On : 22 Dec 2022 13:19  
Operator : SY/MD  
Sample : N6169-01  
Misc : 4.57g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
GBQ96

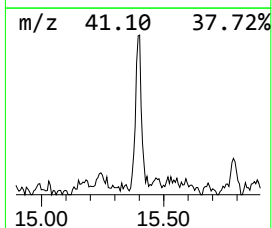
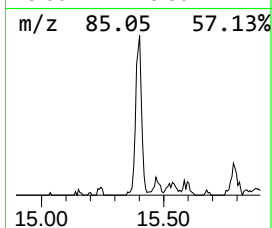
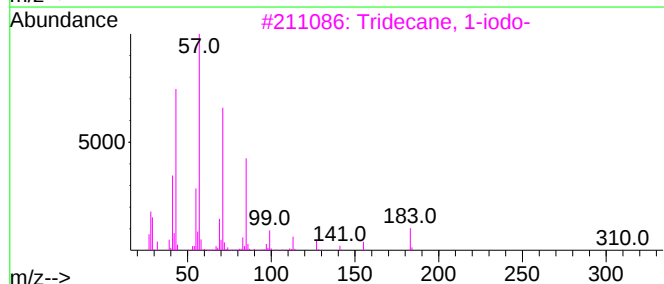
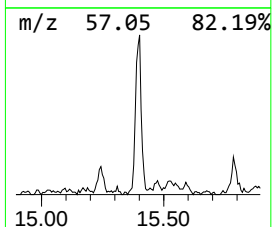
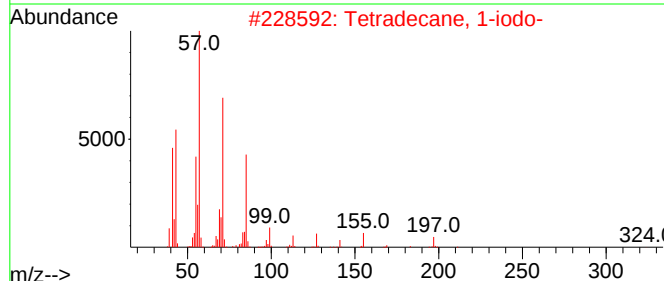
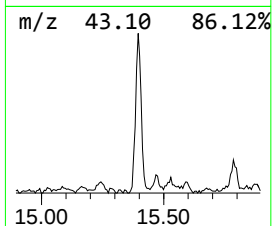
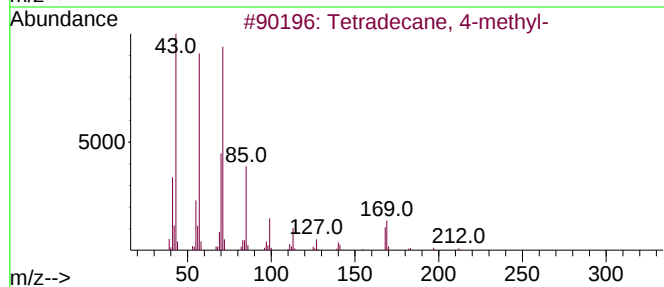
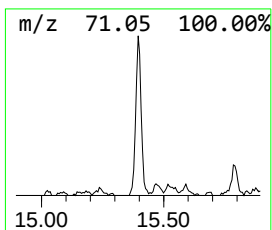
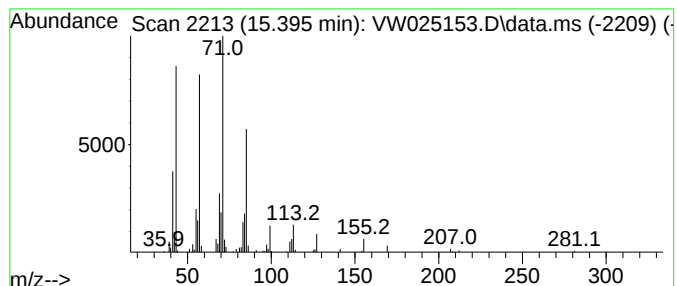
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120822SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 15.395 | 2.15 ug/L | 62638 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | Tetradecane, 4-methyl-              | 212 | C15H32    | 025117-24-2  | 81   |
| 2    |      | Tetradecane, 1-iodo-                | 324 | C14H29I   | 019218-94-1  | 72   |
| 3    |      | Tridecane, 1-iodo-                  | 310 | C13H27I   | 035599-77-0  | 72   |
| 4    |      | Nonane, 1-iodo-                     | 254 | C9H19I    | 004282-42-2  | 64   |
| 5    |      | Sulfurous acid, pentyl undecyl e... | 306 | C16H34O3S | 1000309-14-4 | 59   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122222\  
Data File : VW025153.D  
Acq On : 22 Dec 2022 13:19  
Operator : SY/MD  
Sample : N6169-01  
Misc : 4.57g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
GBQ96

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120822SMA.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 |
| Acetaldehyde       | 2.489  | 2.6     | ug/L  | 119351   | 1                     | 8.841  | 1167270 | 25.0 |
| (DEL) Alkane: S... | 3.385  | 13.0    | ug/L  | 607863   | 1                     | 8.841  | 1167270 | 25.0 |
| Nonane, 1-iodo-    | 13.499 | 1.9     | ug/L  | 56017    | 3                     | 13.554 | 729654  | 25.0 |
| (DEL) Alkane: S... | 14.712 | 1.6     | ug/L  | 47894    | 3                     | 13.554 | 729654  | 25.0 |
| (DEL) Alkane: S... | 15.395 | 2.1     | ug/L  | 62638    | 3                     | 13.554 | 729654  | 25.0 |