

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101421\  
 Data File : VW020513.D  
 Acq On : 15 Oct 2021 00:24  
 Operator : SY/VA  
 Sample : M4210-01  
 Misc : 5.07g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JDGC1

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: VW020513.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         | 2.154       | 36            | 41          | 50           | rVB      | 9237           | 20854         | 2.20%           | 0.239%        |
| 2         | 2.349       | 67            | 73          | 82           | rVB      | 78690          | 123804        | 13.09%          | 1.419%        |
| 3         | 2.879       | 153           | 160         | 170          | rVB      | 34282          | 69174         | 7.31%           | 0.793%        |
| 4         | 3.385       | 237           | 243         | 249          | rVB4     | 1043           | 2301          | 0.24%           | 0.026%        |
| 5         | 3.544       | 264           | 269         | 278          | rVB3     | 1692           | 4638          | 0.49%           | 0.053%        |
| 6         | 4.013       | 333           | 346         | 358          | rBV      | 102898         | 297589        | 31.46%          | 3.411%        |
| 7         | 4.129       | 358           | 365         | 378          | rVB      | 15965          | 43568         | 4.61%           | 0.499%        |
| 8         | 4.385       | 400           | 407         | 409          | rBV2     | 1214           | 2288          | 0.24%           | 0.026%        |
| 9         | 4.403       | 409           | 410         | 418          | rVB2     | 1356           | 1856          | 0.20%           | 0.021%        |
| 10        | 4.921       | 482           | 495         | 508          | rVV2     | 28239          | 90457         | 9.56%           | 1.037%        |
| 11        | 5.019       | 508           | 511         | 515          | rVB2     | 329            | 503           | 0.05%           | 0.006%        |
| 12        | 5.940       | 652           | 662         | 671          | rBV4     | 2788           | 8378          | 0.89%           | 0.096%        |
| 13        | 7.080       | 841           | 849         | 857          | rBV      | 18755          | 51978         | 5.50%           | 0.596%        |
| 14        | 7.171       | 858           | 864         | 875          | rVV3     | 15716          | 43320         | 4.58%           | 0.497%        |
| 15        | 7.537       | 920           | 924         | 930          | rVB2     | 309            | 592           | 0.06%           | 0.007%        |
| 16        | 7.653       | 932           | 943         | 955          | rBV      | 167437         | 403120        | 42.62%          | 4.620%        |
| 17        | 8.281       | 1035          | 1046        | 1061         | rBV2     | 319278         | 945878        | 100.00%         | 10.841%       |
| 18        | 8.695       | 1109          | 1114        | 1122         | rBV5     | 708            | 1360          | 0.14%           | 0.016%        |
| 19        | 8.848       | 1130          | 1139        | 1152         | rBV      | 312335         | 604089        | 63.87%          | 6.924%        |
| 20        | 8.945       | 1154          | 1155        | 1161         | rVB3     | 369            | 500           | 0.05%           | 0.006%        |
| 21        | 9.049       | 1167          | 1172        | 1173         | rBV2     | 303            | 456           | 0.05%           | 0.005%        |
| 22        | 9.079       | 1173          | 1177        | 1185         | rVB4     | 1152           | 2200          | 0.23%           | 0.025%        |
| 23        | 9.274       | 1201          | 1209        | 1226         | rBV      | 226271         | 458947        | 48.52%          | 5.260%        |
| 24        | 9.658       | 1269          | 1272        | 1277         | rBV3     | 340            | 615           | 0.07%           | 0.007%        |
| 25        | 9.957       | 1318          | 1321        | 1326         | rBV3     | 345            | 491           | 0.05%           | 0.006%        |
| 26        | 10.036      | 1326          | 1334        | 1343         | rBV      | 90107          | 161626        | 17.09%          | 1.852%        |
| 27        | 10.128      | 1347          | 1349        | 1356         | rVB5     | 619            | 1042          | 0.11%           | 0.012%        |
| 28        | 10.323      | 1371          | 1381        | 1388         | rBV      | 420307         | 746758        | 78.95%          | 8.559%        |
| 29        | 10.390      | 1388          | 1392        | 1399         | rVB      | 18497          | 31352         | 3.31%           | 0.359%        |
| 30        | 10.506      | 1405          | 1411        | 1416         | rBV      | 3667           | 5735          | 0.61%           | 0.066%        |
| 31        | 10.579      | 1416          | 1423        | 1432         | rVV2     | 56530          | 95987         | 10.15%          | 1.100%        |
| 32        | 10.664      | 1433          | 1437        | 1439         | rVV3     | 1640           | 2278          | 0.24%           | 0.026%        |
| 33        | 10.707      | 1439          | 1444        | 1449         | rVV      | 7311           | 12469         | 1.32%           | 0.143%        |
| 34        | 10.768      | 1449          | 1454        | 1458         | rVB3     | 1559           | 2801          | 0.30%           | 0.032%        |
| 35        | 10.847      | 1462          | 1467        | 1468         | rBV4     | 466            | 507           | 0.05%           | 0.006%        |
| 36        | 10.927      | 1473          | 1480        | 1494         | rBV      | 71283          | 123549        | 13.06%          | 1.416%        |

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 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JDGC1

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 | 11.067 | 1498 | 1503 | 1507 | rBV2  | 2593   | 3847   | 0.41%  | 0.044% |
| 38 | 11.109 | 1507 | 1510 | 1513 | rVB3  | 1063   | 1508   | 0.16%  | 0.017% |
| 39 | 11.146 | 1513 | 1516 | 1517 | rBV2  | 1135   | 1185   | 0.13%  | 0.014% |
| 40 | 11.176 | 1517 | 1521 | 1526 | rVB3  | 4491   | 7023   | 0.74%  | 0.080% |
| 41 | 11.231 | 1526 | 1530 | 1536 | rVB3  | 2390   | 4064   | 0.43%  | 0.047% |
| 42 | 11.286 | 1536 | 1539 | 1541 | rVB3  | 403    | 533    | 0.06%  | 0.006% |
| 43 | 11.335 | 1541 | 1547 | 1552 | rBV5  | 1067   | 2054   | 0.22%  | 0.024% |
| 44 | 11.414 | 1552 | 1560 | 1561 | rBV2  | 2085   | 3566   | 0.38%  | 0.041% |
| 45 | 11.512 | 1571 | 1576 | 1581 | rBV2  | 1862   | 2906   | 0.31%  | 0.033% |
| 46 | 11.634 | 1588 | 1596 | 1605 | rBV   | 396045 | 651474 | 68.88% | 7.467% |
| 47 | 11.731 | 1605 | 1612 | 1621 | rVV   | 51950  | 90026  | 9.52%  | 1.032% |
| 48 | 11.841 | 1621 | 1630 | 1639 | rVV   | 121510 | 242142 | 25.60% | 2.775% |
| 49 | 11.914 | 1639 | 1642 | 1648 | rVB3  | 2983   | 4798   | 0.51%  | 0.055% |
| 50 | 12.164 | 1671 | 1683 | 1690 | rBV   | 47013  | 90672  | 9.59%  | 1.039% |
| 51 | 12.249 | 1693 | 1697 | 1701 | rVB3  | 2989   | 5154   | 0.54%  | 0.059% |
| 52 | 12.298 | 1701 | 1705 | 1707 | rBV3  | 2316   | 3304   | 0.35%  | 0.038% |
| 53 | 12.384 | 1707 | 1719 | 1727 | rVB10 | 6383   | 23127  | 2.45%  | 0.265% |
| 54 | 12.463 | 1727 | 1732 | 1736 | rBV2  | 6884   | 11219  | 1.19%  | 0.129% |
| 55 | 12.524 | 1736 | 1742 | 1747 | rBV3  | 14777  | 26602  | 2.81%  | 0.305% |
| 56 | 12.609 | 1751 | 1756 | 1760 | rBV   | 11248  | 16610  | 1.76%  | 0.190% |
| 57 | 12.646 | 1760 | 1762 | 1764 | rBV3  | 2762   | 2693   | 0.28%  | 0.031% |
| 58 | 12.694 | 1764 | 1770 | 1778 | rVB   | 120635 | 197093 | 20.84% | 2.259% |
| 59 | 12.804 | 1780 | 1788 | 1792 | rVB2  | 9815   | 23416  | 2.48%  | 0.268% |
| 60 | 12.865 | 1792 | 1798 | 1802 | rBV   | 31840  | 58298  | 6.16%  | 0.668% |
| 61 | 12.932 | 1805 | 1809 | 1817 | rVB3  | 50633  | 100222 | 10.60% | 1.149% |
| 62 | 13.036 | 1822 | 1826 | 1829 | rVB4  | 2914   | 4176   | 0.44%  | 0.048% |
| 63 | 13.103 | 1830 | 1837 | 1844 | rBV   | 33134  | 60419  | 6.39%  | 0.692% |
| 64 | 13.164 | 1844 | 1847 | 1855 | rVB5  | 7268   | 14744  | 1.56%  | 0.169% |
| 65 | 13.249 | 1855 | 1861 | 1873 | rBV   | 84500  | 140917 | 14.90% | 1.615% |
| 66 | 13.383 | 1878 | 1883 | 1887 | rBV2  | 9507   | 15899  | 1.68%  | 0.182% |
| 67 | 13.444 | 1887 | 1893 | 1897 | rBV2  | 31732  | 58880  | 6.22%  | 0.675% |
| 68 | 13.560 | 1905 | 1912 | 1921 | rBV2  | 298986 | 557134 | 58.90% | 6.385% |
| 69 | 13.646 | 1924 | 1926 | 1931 | rVB2  | 8057   | 9865   | 1.04%  | 0.113% |
| 70 | 13.719 | 1934 | 1938 | 1939 | rVV   | 12972  | 17408  | 1.84%  | 0.200% |
| 71 | 13.749 | 1939 | 1943 | 1946 | rVV2  | 37009  | 59601  | 6.30%  | 0.683% |
| 72 | 13.792 | 1946 | 1950 | 1954 | rVV2  | 38582  | 74311  | 7.86%  | 0.852% |
| 73 | 13.853 | 1954 | 1960 | 1969 | rVB   | 265076 | 498733 | 52.73% | 5.716% |
| 74 | 13.950 | 1970 | 1976 | 1981 | rBV   | 37538  | 57662  | 6.10%  | 0.661% |
| 75 | 14.011 | 1981 | 1986 | 1988 | rBV   | 29845  | 48084  | 5.08%  | 0.551% |
| 76 | 14.066 | 1988 | 1995 | 2006 | rVB2  | 143076 | 336755 | 35.60% | 3.860% |

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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JDGC1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 14.158 | 2006 | 2010 | 2011 | rBV  | 5036   | 5877   | 0.62%  | 0.067% |
| 78  | 14.206 | 2012 | 2018 | 2023 | rVB2 | 38471  | 67176  | 7.10%  | 0.770% |
| 79  | 14.334 | 2034 | 2039 | 2043 | rBV2 | 19695  | 30966  | 3.27%  | 0.355% |
| 80  | 14.383 | 2044 | 2047 | 2050 | rVV4 | 6642   | 11024  | 1.17%  | 0.126% |
| 81  | 14.420 | 2050 | 2053 | 2055 | rVV3 | 9194   | 13273  | 1.40%  | 0.152% |
| 82  | 14.456 | 2055 | 2059 | 2063 | rVV  | 17208  | 24283  | 2.57%  | 0.278% |
| 83  | 14.499 | 2063 | 2066 | 2069 | rVV  | 10490  | 13228  | 1.40%  | 0.152% |
| 84  | 14.536 | 2069 | 2072 | 2080 | rVB3 | 7704   | 15222  | 1.61%  | 0.174% |
| 85  | 14.627 | 2080 | 2087 | 2092 | rBV4 | 8927   | 21147  | 2.24%  | 0.242% |
| 86  | 14.682 | 2092 | 2096 | 2100 | rBV4 | 7526   | 14660  | 1.55%  | 0.168% |
| 87  | 14.725 | 2101 | 2103 | 2108 | rVB  | 10716  | 14758  | 1.56%  | 0.169% |
| 88  | 14.792 | 2108 | 2114 | 2122 | rBV4 | 23491  | 61971  | 6.55%  | 0.710% |
| 89  | 14.914 | 2132 | 2134 | 2137 | rVV4 | 1046   | 1137   | 0.12%  | 0.013% |
| 90  | 14.956 | 2137 | 2141 | 2147 | rVB2 | 7429   | 11739  | 1.24%  | 0.135% |
| 91  | 15.066 | 2154 | 2159 | 2163 | rBV4 | 4809   | 9738   | 1.03%  | 0.112% |
| 92  | 15.170 | 2170 | 2176 | 2184 | rVB4 | 4794   | 12044  | 1.27%  | 0.138% |
| 93  | 15.310 | 2196 | 2199 | 2201 | rBV2 | 659    | 718    | 0.08%  | 0.008% |
| 94  | 15.365 | 2205 | 2208 | 2210 | rBV2 | 505    | 601    | 0.06%  | 0.007% |
| 95  | 15.432 | 2214 | 2219 | 2222 | rVV  | 5969   | 9080   | 0.96%  | 0.104% |
| 96  | 15.487 | 2222 | 2228 | 2237 | rVB  | 300746 | 492347 | 52.05% | 5.643% |
| 97  | 15.791 | 2274 | 2278 | 2282 | rVV3 | 727    | 1098   | 0.12%  | 0.013% |
| 98  | 15.950 | 2301 | 2304 | 2309 | rVB4 | 630    | 869    | 0.09%  | 0.010% |
| 99  | 16.273 | 2354 | 2357 | 2361 | rBV3 | 258    | 396    | 0.04%  | 0.005% |
| 100 | 16.371 | 2368 | 2373 | 2375 | rVV3 | 266    | 462    | 0.05%  | 0.005% |

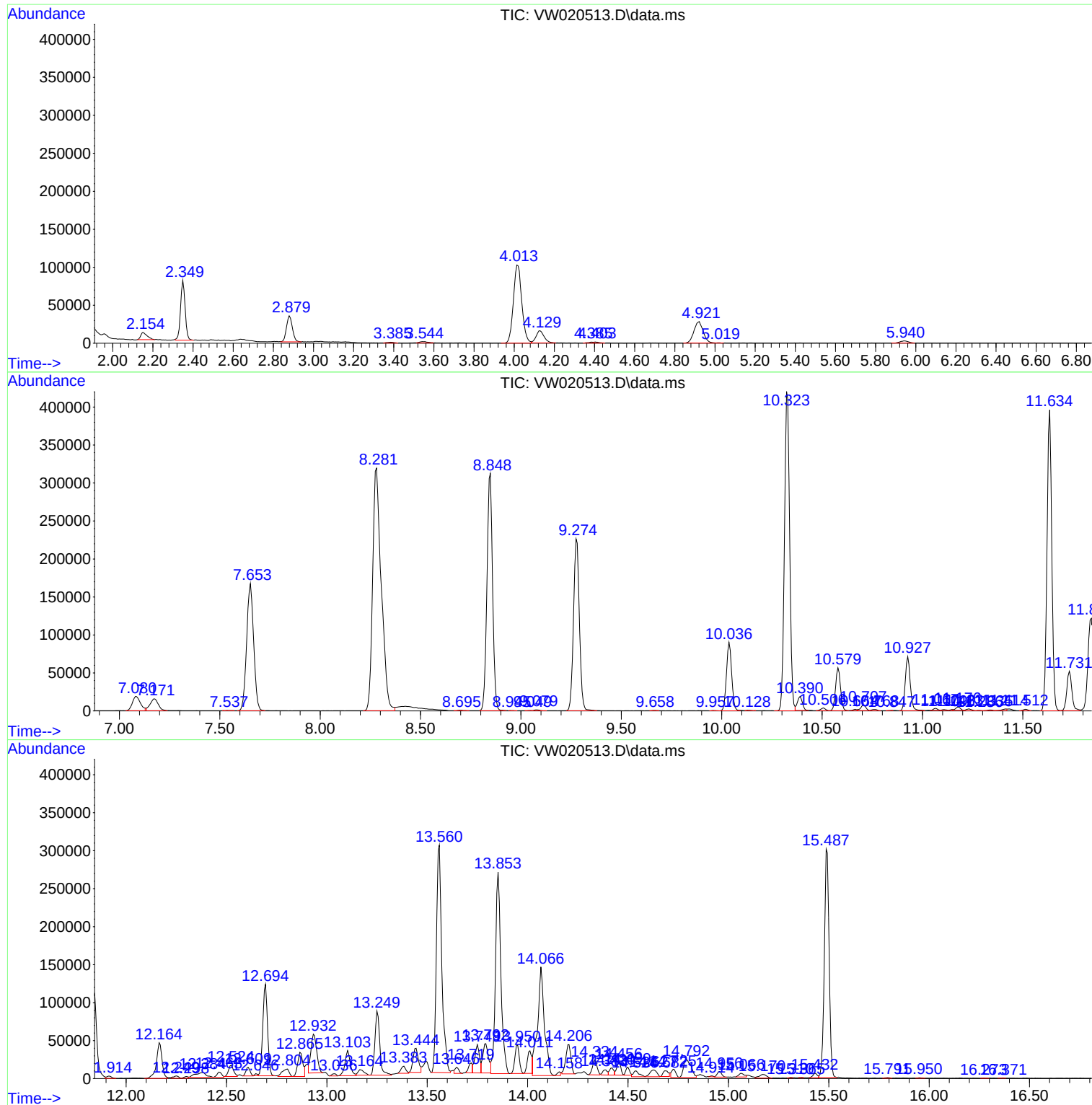
Sum of corrected areas: 8724998

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101421\  
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Sample : M4210-01  
Misc : 5.07g/10mL/MSVOA\_W/SOIL  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JDGC1

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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Instrument :  
MSVOA\_W  
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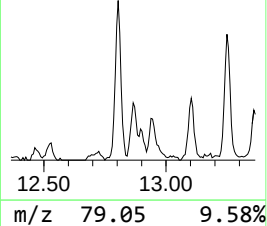
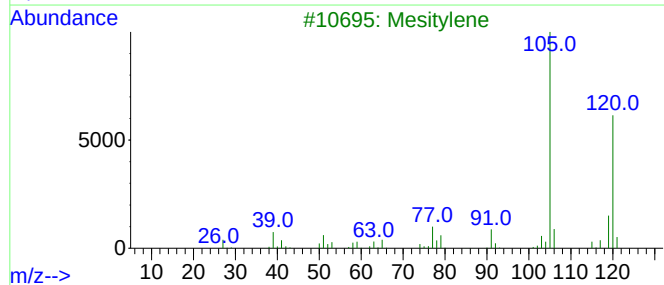
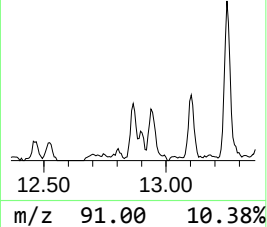
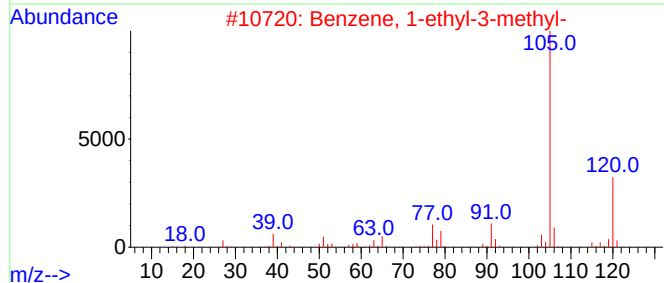
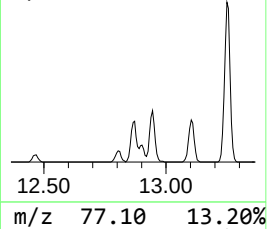
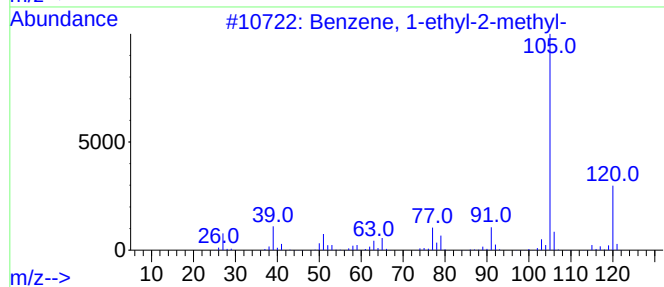
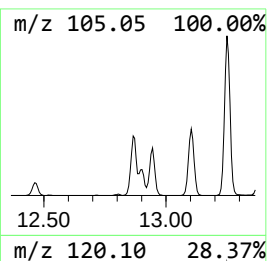
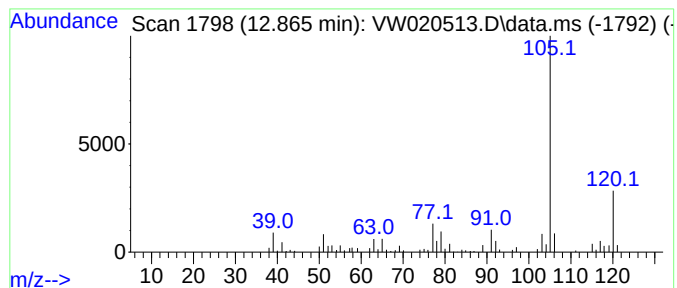
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.865 | 2.62 ug/L | 58298 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 2    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 91   |
| 3    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 4    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 91   |
| 5    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |



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Instrument :  
MSVOA\_W  
ClientSampleId :  
JDGC1

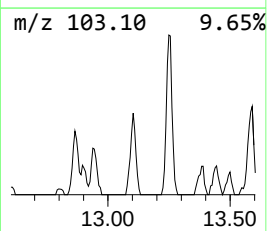
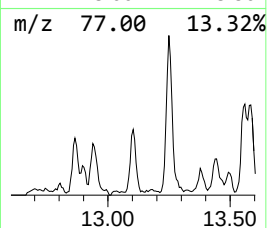
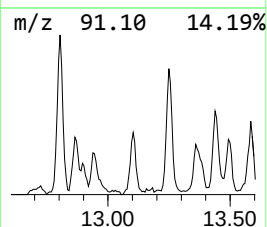
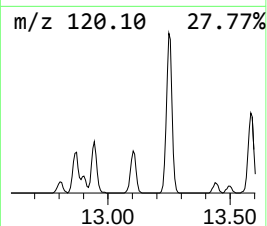
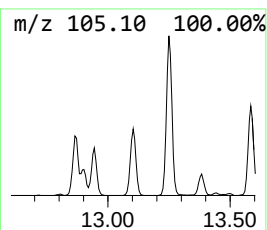
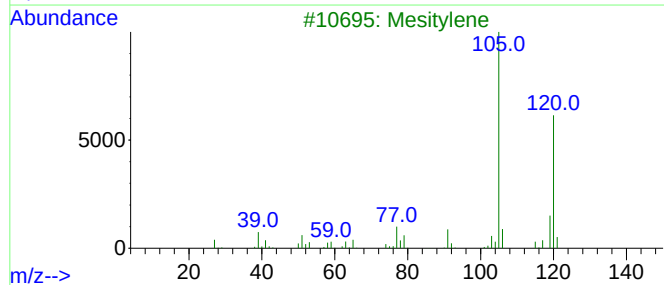
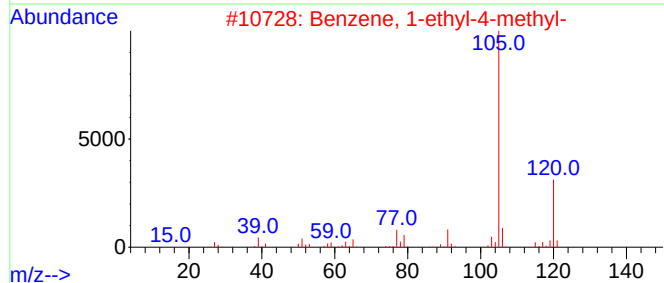
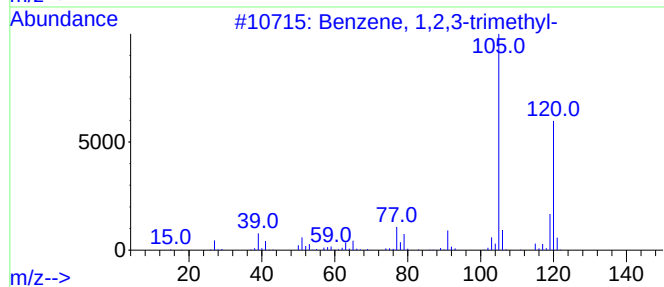
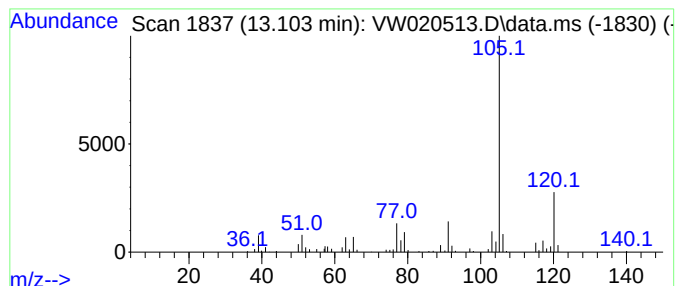
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 7

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.103 | 2.71 ug/L | 60419 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |
| 2    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 3    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 4    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 91   |
| 5    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101421\  
Data File : VW020513.D  
Acq On : 15 Oct 2021 00:24  
Operator : SY/VA  
Sample : M4210-01  
Misc : 5.07g/10mL/MSVOA\_W/SOIL  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JDGC1

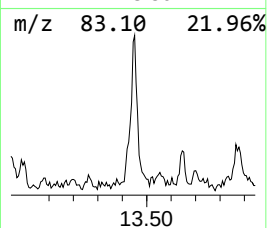
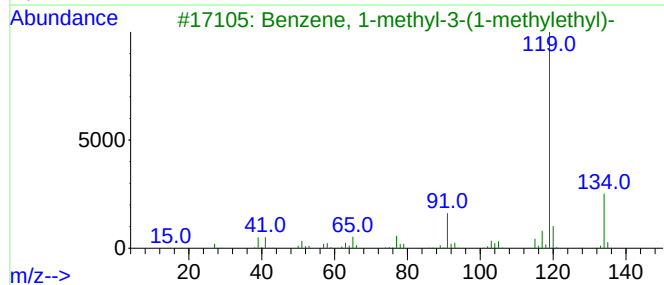
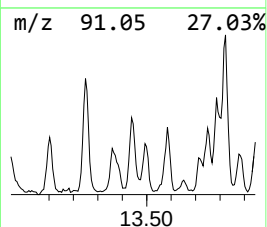
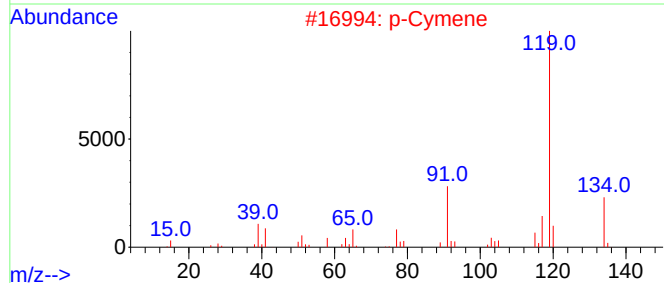
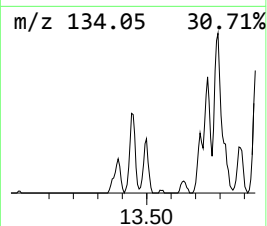
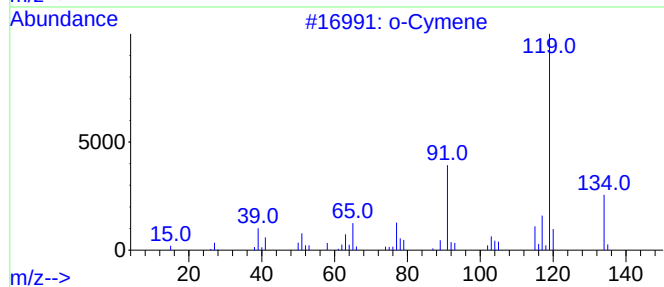
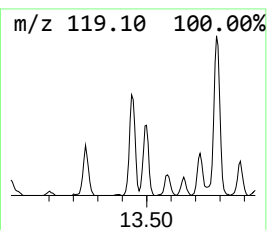
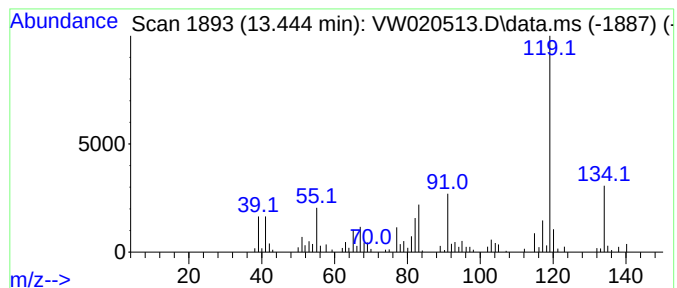
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Quant Title : SFAM01.0

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

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Peak Number 4 o-Cymene Concentration Rank 9

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.444 | 2.64 ug/L | 58880 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 95   |
| 2    |    |   | p-Cymene                            | 134 | C10H14  | 000099-87-6 | 94   |
| 3    |    |   | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 93   |
| 4    |    |   | p-Cymene                            | 134 | C10H14  | 000099-87-6 | 90   |
| 5    |    |   | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101421\  
Data File : VW020513.D  
Acq On : 15 Oct 2021 00:24  
Operator : SY/VA  
Sample : M4210-01  
Misc : 5.07g/10mL/MSVOA\_W/SOIL  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JDGC1

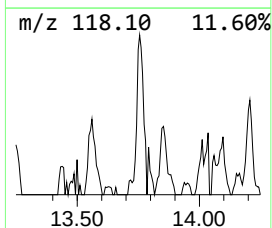
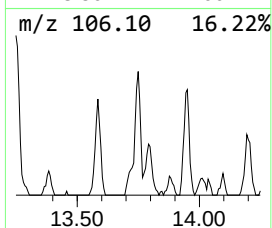
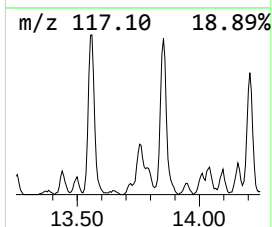
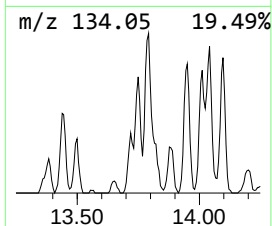
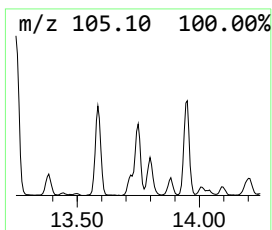
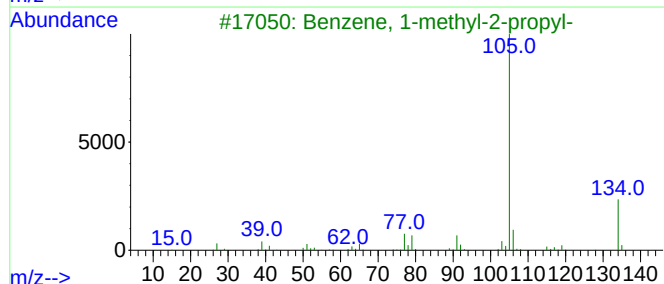
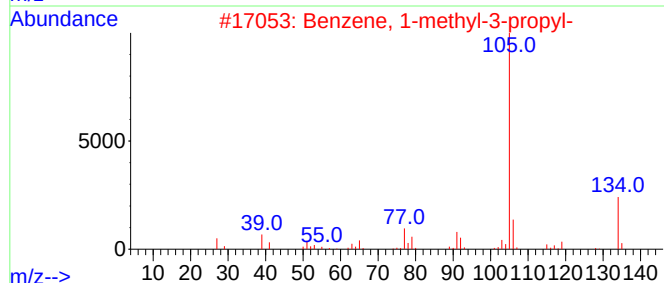
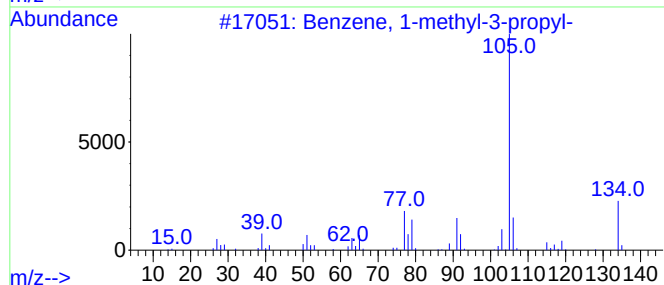
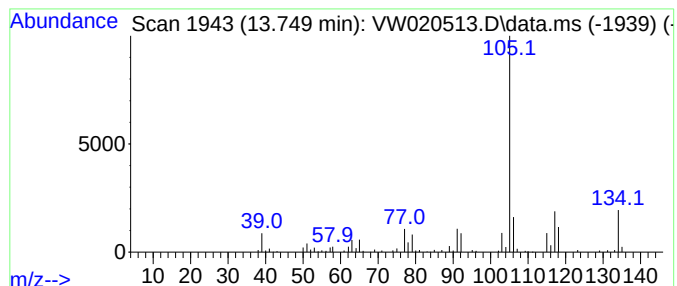
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Quant Title : SFAM01.0

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

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Peak Number 5 Benzene, 1-methyl-3-propyl- Concentration Rank 8

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.749 | 2.67 ug/L | 59601 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-methyl-3-propyl- | 134 | C10H14  | 001074-43-7 | 81   |
| 2    |    |   | Benzene, 1-methyl-3-propyl- | 134 | C10H14  | 001074-43-7 | 81   |
| 3    |    |   | Benzene, 1-methyl-2-propyl- | 134 | C10H14  | 001074-17-5 | 72   |
| 4    |    |   | Benzene, 1-methyl-4-propyl- | 134 | C10H14  | 001074-55-1 | 72   |
| 5    |    |   | Benzene, 1-methyl-3-propyl- | 134 | C10H14  | 001074-43-7 | 72   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101421\  
Data File : VW020513.D  
Acq On : 15 Oct 2021 00:24  
Operator : SY/VA  
Sample : M4210-01  
Misc : 5.07g/10mL/MSVOA\_W/SOIL  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JDGC1

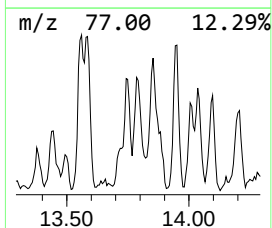
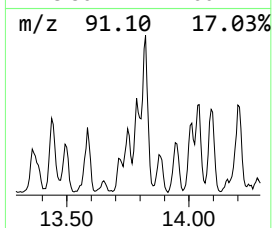
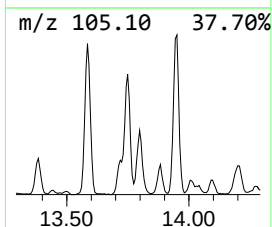
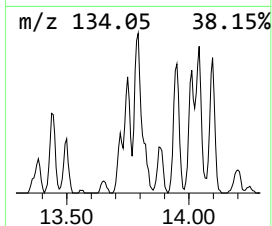
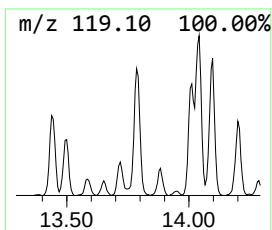
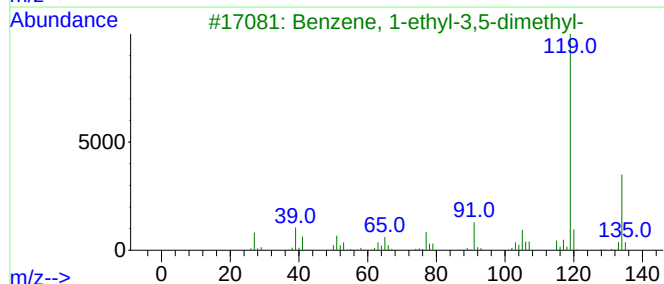
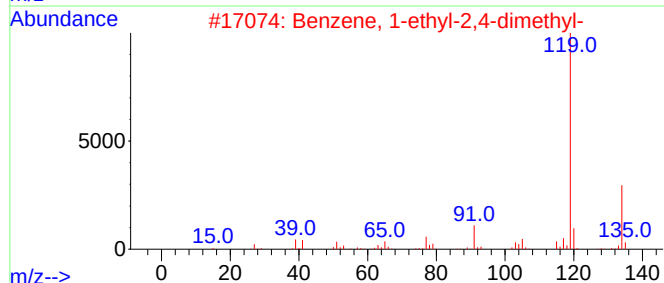
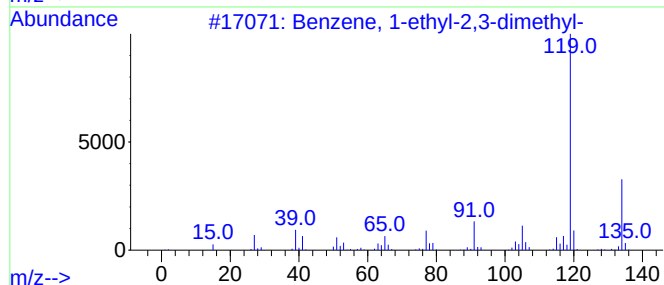
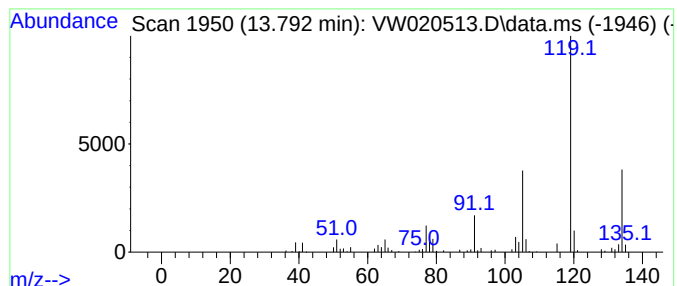
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Quant Title : SFAM01.0

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

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Peak Number 6 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 4

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.792 | 3.33 ug/L | 74311 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 91   |
| 2    |    |   | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 90   |
| 3    |    |   | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 90   |
| 4    |    |   | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 87   |
| 5    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 87   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101421\  
Data File : VW020513.D  
Acq On : 15 Oct 2021 00:24  
Operator : SY/VA  
Sample : M4210-01  
Misc : 5.07g/10mL/MSVOA\_W/SOIL  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JDGC1

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

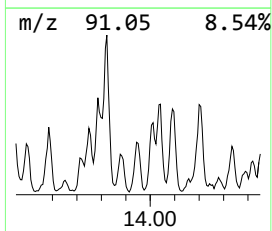
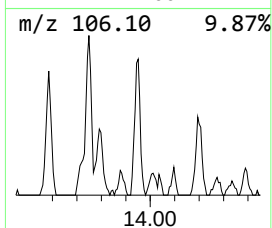
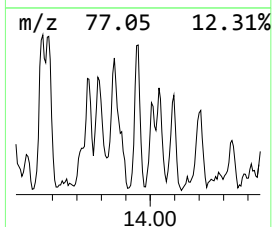
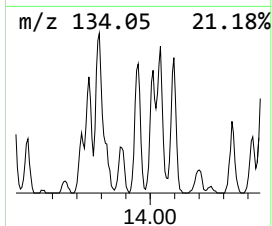
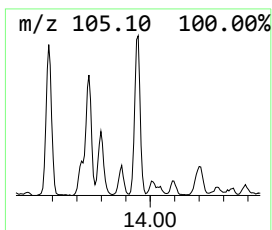
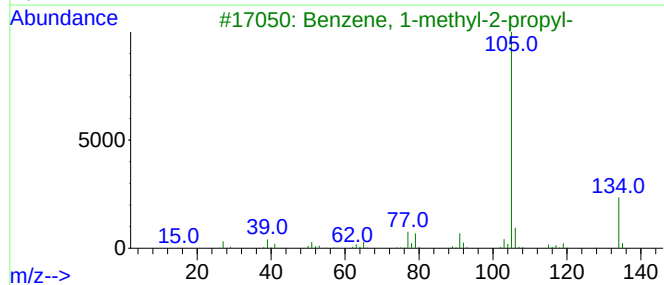
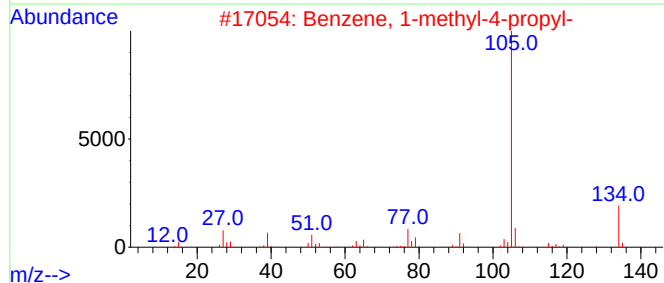
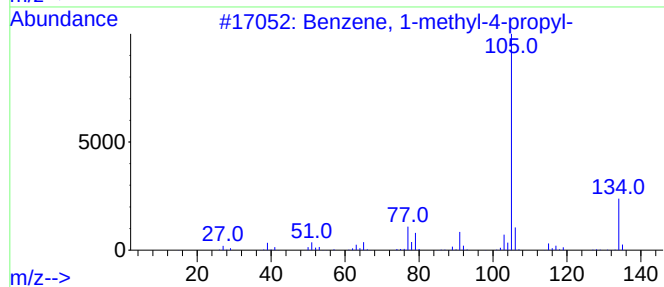
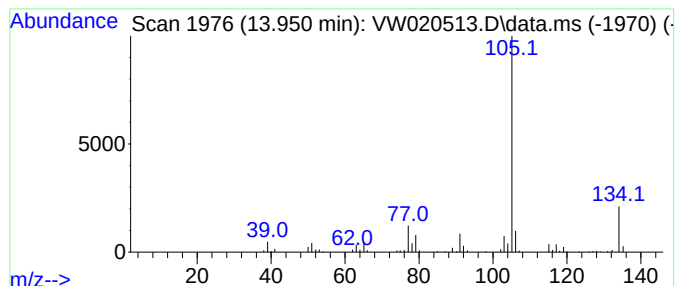
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 Benzene, 1-methyl-4-propyl- Concentration Rank 11

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.950 | 2.59 ug/L | 57662 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-methyl-4-propyl- | 134 | C10H14  | 001074-55-1 | 95   |
| 2    |    |   | Benzene, 1-methyl-4-propyl- | 134 | C10H14  | 001074-55-1 | 90   |
| 3    |    |   | Benzene, 1-methyl-2-propyl- | 134 | C10H14  | 001074-17-5 | 90   |
| 4    |    |   | Benzene, 1-methyl-4-propyl- | 134 | C10H14  | 001074-55-1 | 90   |
| 5    |    |   | Benzene, (1-methylpropyl)-  | 134 | C10H14  | 000135-98-8 | 87   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101421\  
Data File : VW020513.D  
Acq On : 15 Oct 2021 00:24  
Operator : SY/VA  
Sample : M4210-01  
Misc : 5.07g/10mL/MSVOA\_W/SOIL  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JDGC1

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

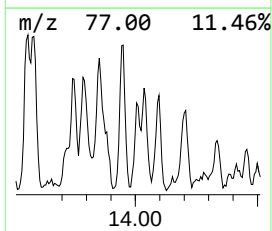
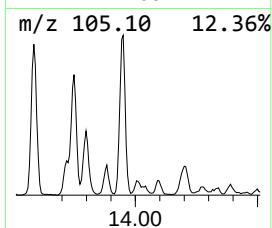
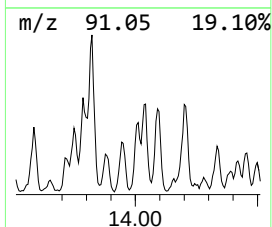
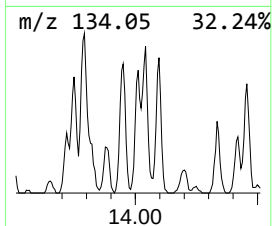
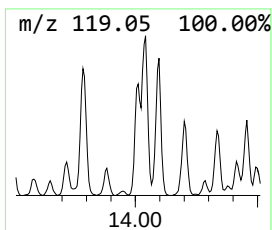
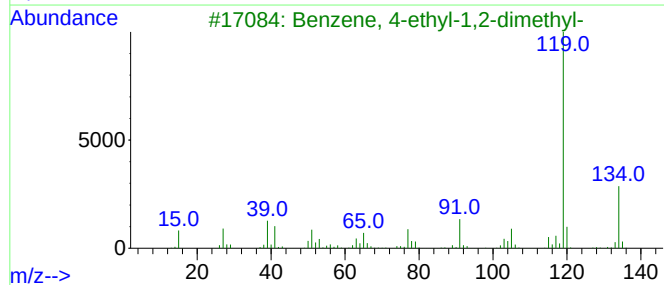
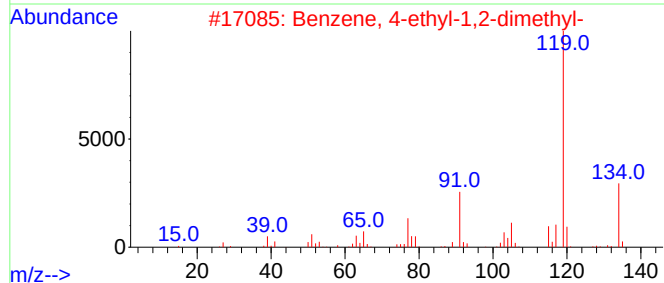
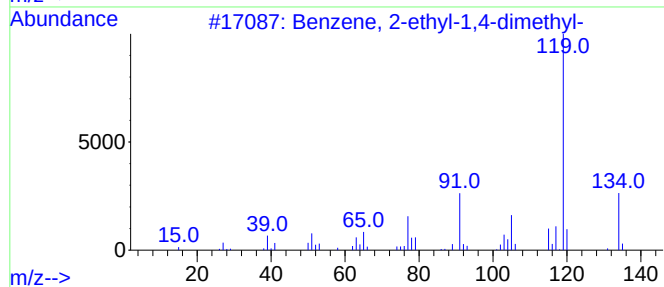
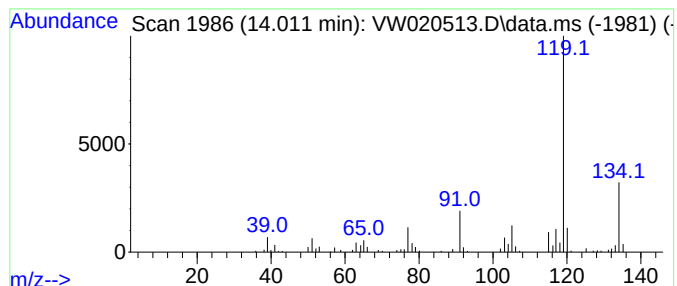
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.011 | 2.16 ug/L | 48084 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 96   |
| 2    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 96   |
| 3    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 95   |
| 4    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 95   |
| 5    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101421\  
Data File : VW020513.D  
Acq On : 15 Oct 2021 00:24  
Operator : SY/VA  
Sample : M4210-01  
Misc : 5.07g/10mL/MSVOA\_W/SOIL  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JDGC1

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

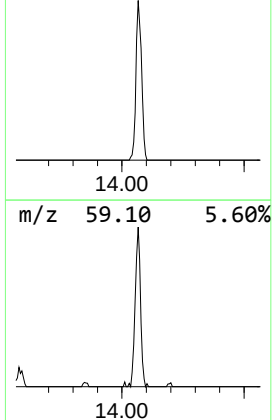
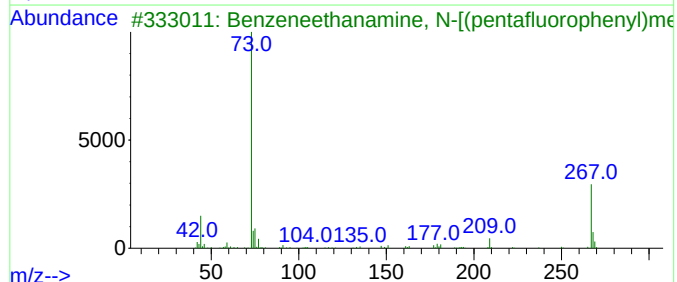
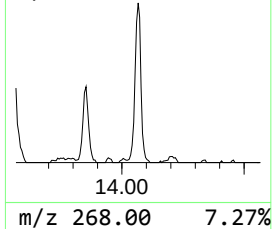
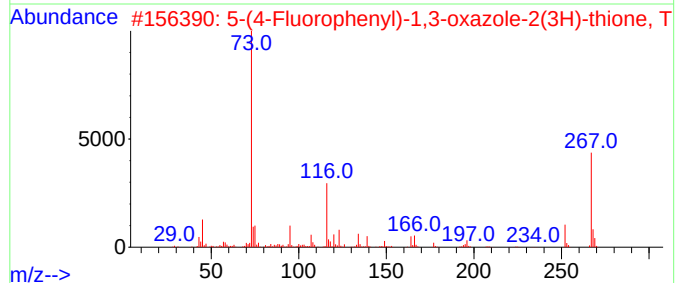
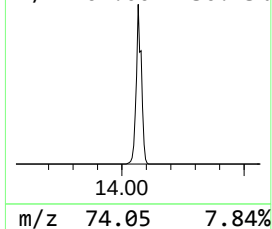
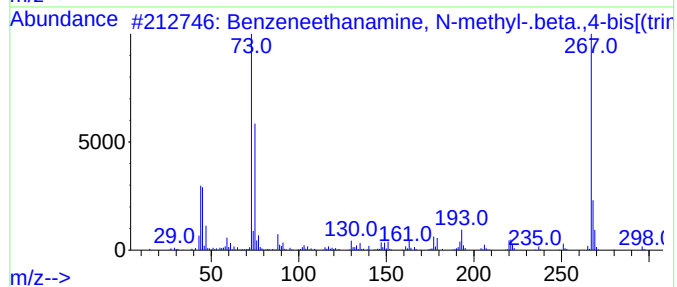
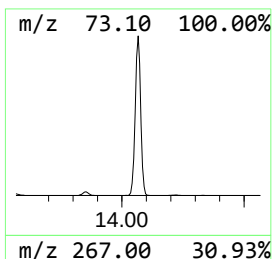
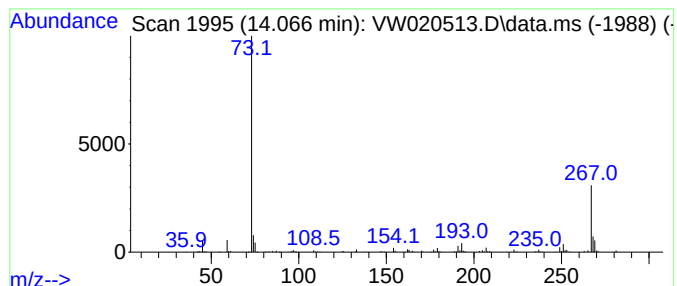
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Benzeneethanamine, N-methyl... Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.066 | 15.11 ug/L | 336755 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm        | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------------|--------------|------|
| 1    |    |   | Benzeneethanamine, N-methyl-.bet... | 311 | C15H29NO2Si2   | 029522-18-7  | 50   |
| 2    |    |   | 5-(4-Fluorophenyl)-1,3-oxazole-2... | 267 | C12H14FNOSSi   | 1000497-07-6 | 50   |
| 3    |    |   | Benzeneethanamine, N-[(pentafluo... | 475 | C21H26F5NO2Si2 | 055429-85-1  | 40   |
| 4    |    |   | 2-[(Trimethylsilyl)oxy]-2-{4-[(t... | 297 | C14H27NO2Si2   | 1000473-27-9 | 40   |
| 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 : VW020513.D  
Acq On : 15 Oct 2021 00:24  
Operator : SY/VA  
Sample : M4210-01  
Misc : 5.07g/10mL/MSVOA\_W/SOIL  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JDGC1

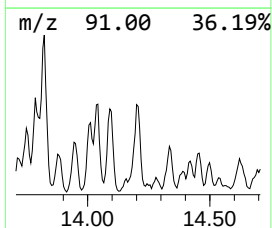
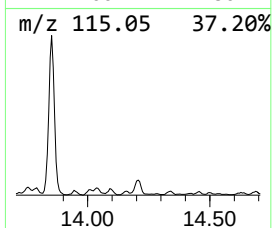
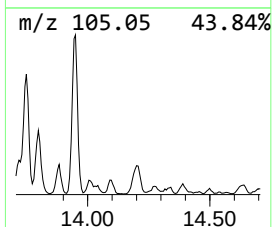
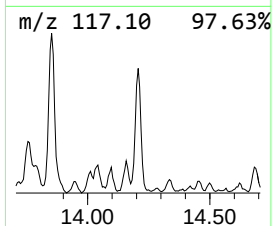
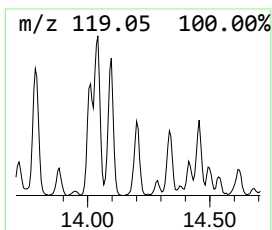
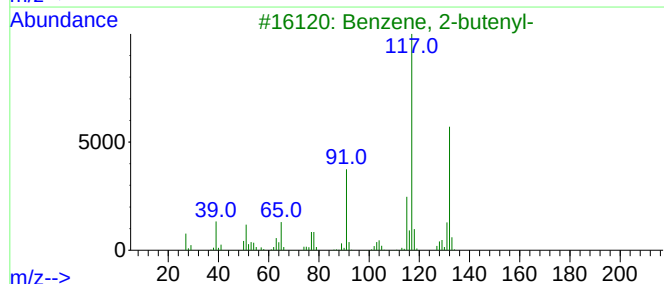
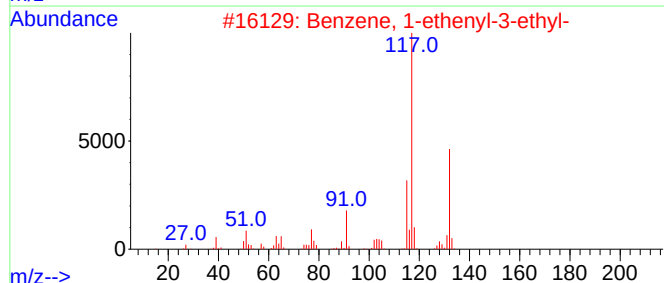
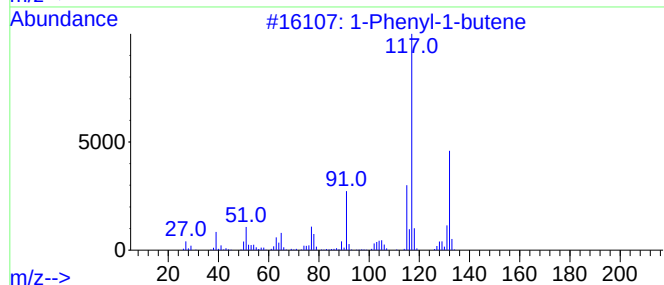
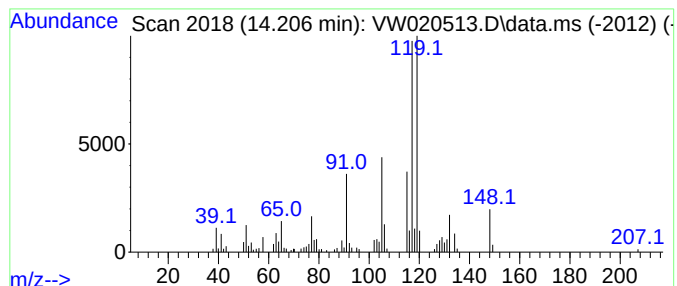
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Quant Title : SFAM01.0

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

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Peak Number 10 1-Phenyl-1-butene Concentration Rank 5

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.206 | 3.01 ug/L | 67176 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------|-----|---------|-------------|------|
| 1    |      | 1-Phenyl-1-butene             | 132 | C10H12  | 000824-90-8 | 50   |
| 2    |      | Benzene, 1-ethenyl-3-ethyl-   | 132 | C10H12  | 007525-62-4 | 50   |
| 3    |      | Benzene, 2-butenyl-           | 132 | C10H12  | 001560-06-1 | 46   |
| 4    |      | 3-Phenylbut-1-ene             | 132 | C10H12  | 000934-10-1 | 45   |
| 5    |      | 1-Methyl-2-phenylcyclopropane | 132 | C10H12  | 003145-76-4 | 45   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101421\  
Data File : VW020513.D  
Acq On : 15 Oct 2021 00:24  
Operator : SY/VA  
Sample : M4210-01  
Misc : 5.07g/10mL/MSVOA\_W/SOIL  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JDGC1

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

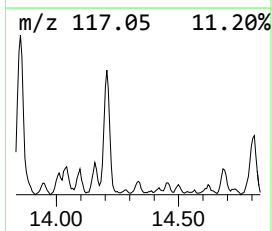
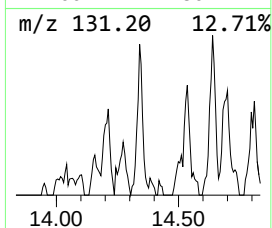
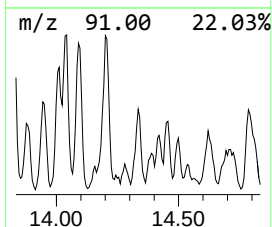
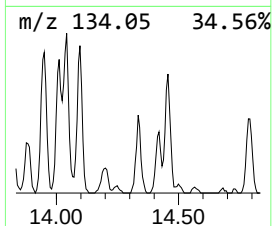
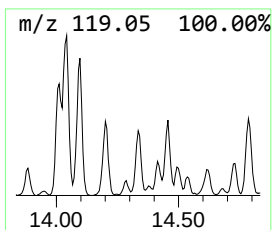
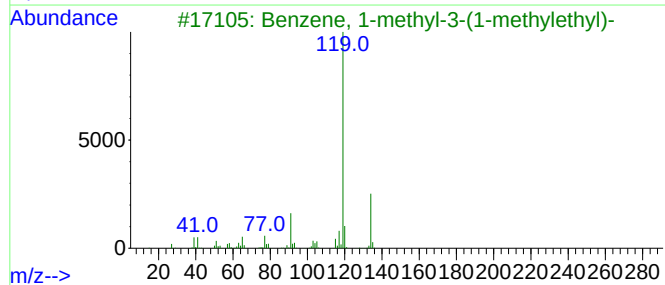
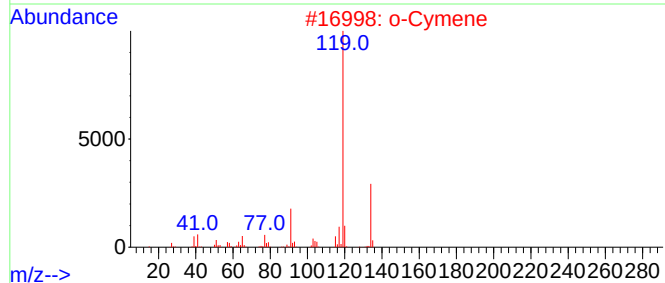
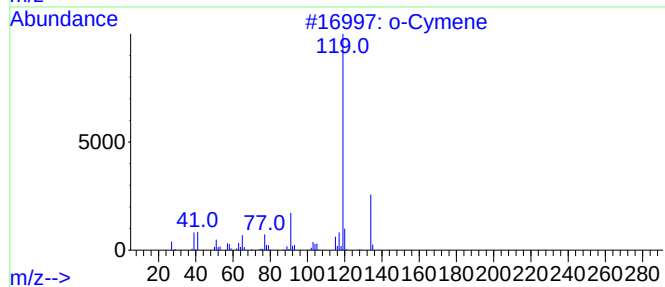
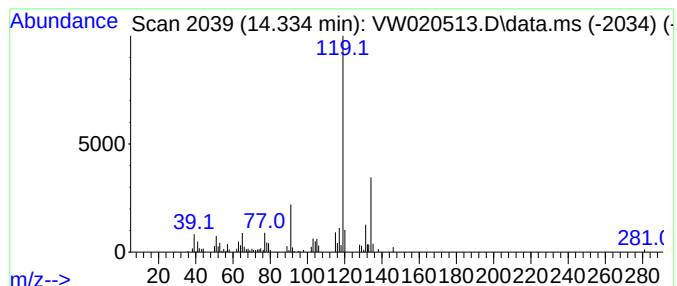
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Benzene, 1-methyl-3-(1-meth... Concentration Rank 13

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.334 | 1.39 ug/L | 30966 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 94   |
| 2    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 93   |
| 3    |    |   | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 93   |
| 4    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 93   |
| 5    |    |   | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 93   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101421\  
Data File : VW020513.D  
Acq On : 15 Oct 2021 00:24  
Operator : SY/VA  
Sample : M4210-01  
Misc : 5.07g/10mL/MSVOA\_W/SOIL  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JDGC1

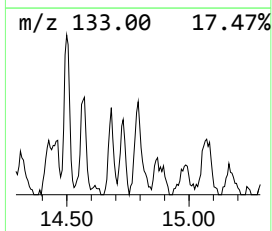
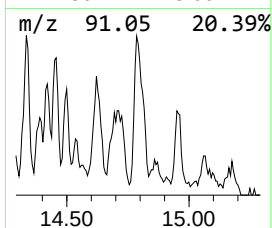
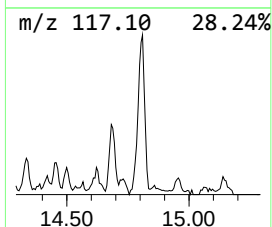
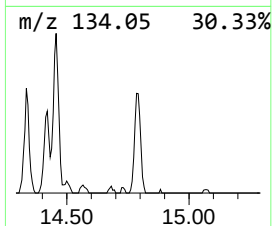
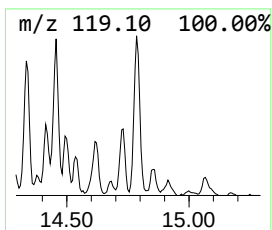
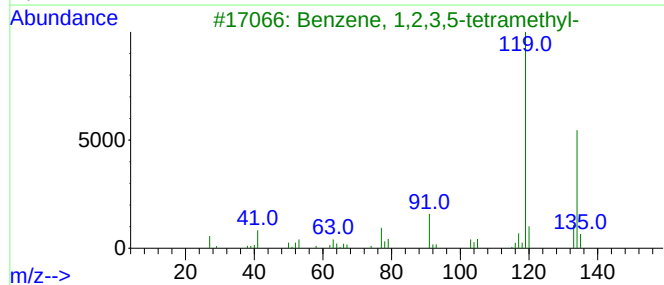
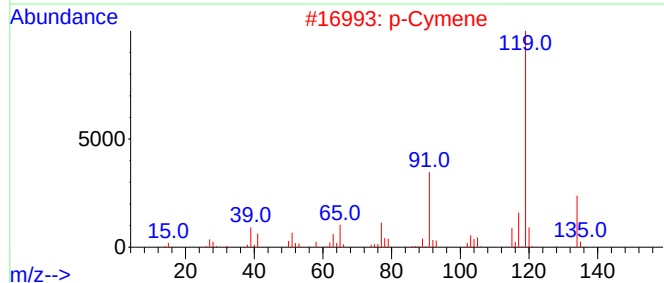
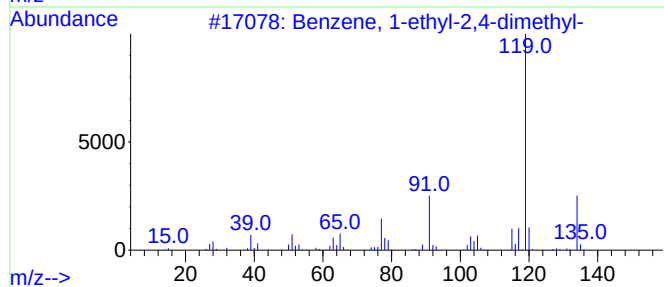
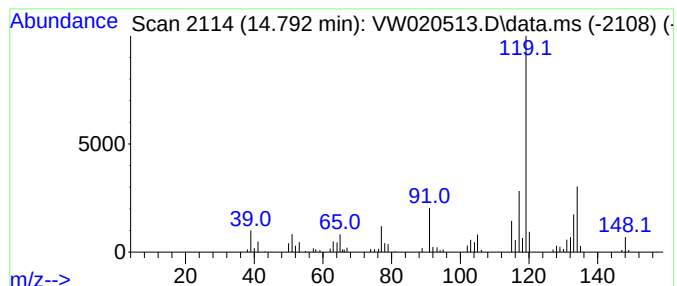
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Quant Title : SFAM01.0

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

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Peak Number 12 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 6

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.792 | 2.78 ug/L | 61971 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2,4-dimethyl-      | 134 | C10H14  | 000874-41-9 | 92   |
| 2    |    |   | p-Cymene                            | 134 | C10H14  | 000099-87-6 | 76   |
| 3    |    |   | Benzene, 1,2,3,5-tetramethyl-       | 134 | C10H14  | 000527-53-7 | 76   |
| 4    |    |   | 1,3-Cyclopentadiene, 1,2,3,4-tet... | 134 | C10H14  | 076089-59-3 | 76   |
| 5    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 70   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101421\  
Data File : VW020513.D  
Acq On : 15 Oct 2021 00:24  
Operator : SY/VA  
Sample : M4210-01  
Misc : 5.07g/10mL/MSVOA\_W/SOIL  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JDGC1

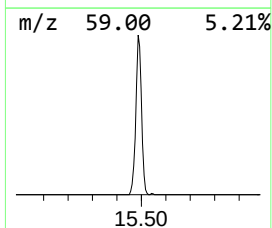
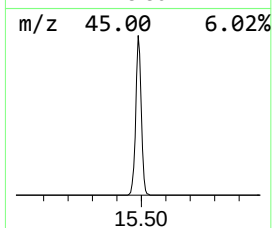
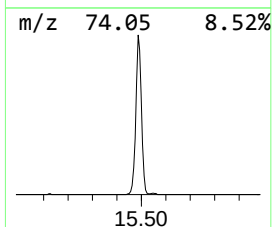
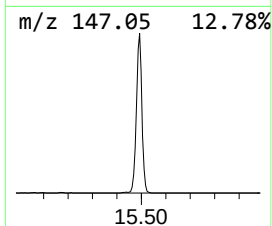
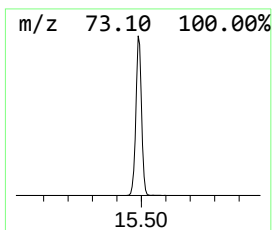
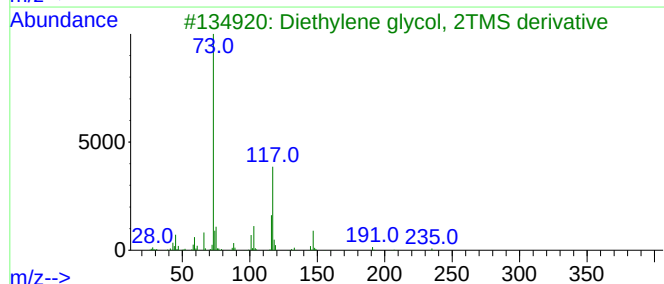
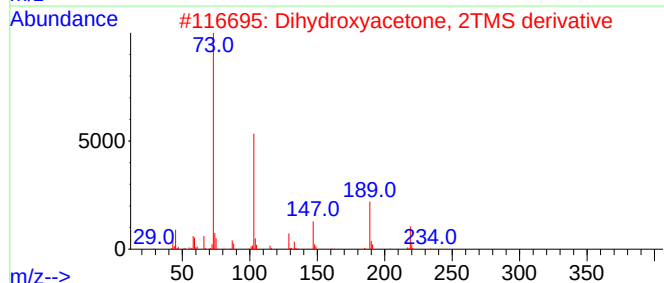
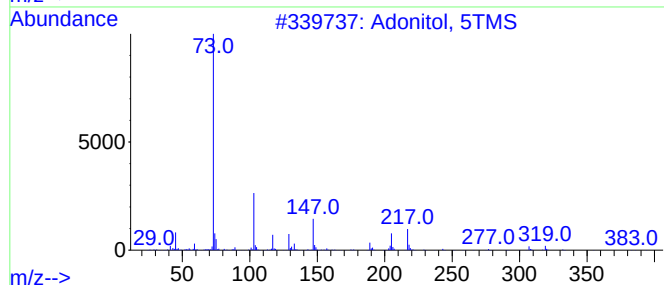
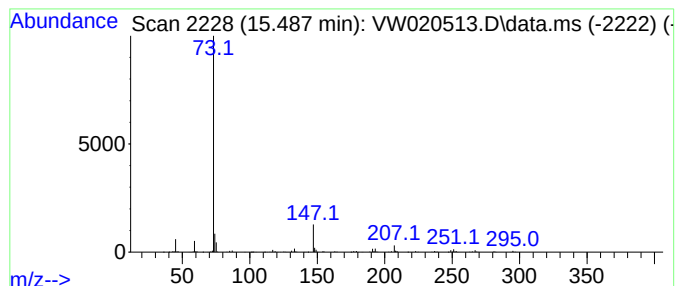
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Quant Title : SFAM01.0

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

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Peak Number 13 unknown-01 Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.487 | 22.09 ug/L | 492347 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm      | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|--------------|--------------|------|
| 1    |    |   | Adonitol, 5TMS                      | 512 | C20H52O5Si5  | 032381-53-6  | 40   |
| 2    |    |   | Dihydroxyacetone, 2TMS derivative   | 234 | C9H22O3Si2   | 017877-42-8  | 33   |
| 3    |    |   | Diethylene glycol, 2TMS derivative  | 250 | C10H26O3Si2  | 016654-74-3  | 33   |
| 4    |    |   | 1H-Cyclopropa[4,5]cyclopenta[1,2... | 236 | C11H16N2O2Si | 1000499-60-1 | 30   |
| 5    |    |   | 1,1,2,2,3,3-Hexamethyl-1-[(trime... | 264 | C9H28O5Si4   | 1000487-00-6 | 28   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101421\  
Data File : VW020513.D  
Acq On : 15 Oct 2021 00:24  
Operator : SY/VA  
Sample : M4210-01  
Misc : 5.07g/10mL/MSVOA\_W/SOIL  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JDGC1

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

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Benzene, 1-ethy... | 12.865 | 2.6     | ug/L  | 58298    | 3                     | 13.560 | 557134 | 25.0 |
| Benzene, 1,2,3-... | 13.103 | 2.7     | ug/L  | 60419    | 3                     | 13.560 | 557134 | 25.0 |
| o-Cymene           | 13.444 | 2.6     | ug/L  | 58880    | 3                     | 13.560 | 557134 | 25.0 |
| Benzene, 1-meth... | 13.749 | 2.7     | ug/L  | 59601    | 3                     | 13.560 | 557134 | 25.0 |
| Benzene, 1-ethy... | 13.792 | 3.3     | ug/L  | 74311    | 3                     | 13.560 | 557134 | 25.0 |
| Benzene, 1-meth... | 13.950 | 2.6     | ug/L  | 57662    | 3                     | 13.560 | 557134 | 25.0 |
| Benzene, 2-ethy... | 14.011 | 2.2     | ug/L  | 48084    | 3                     | 13.560 | 557134 | 25.0 |
| Benzeneethanami... | 14.066 | 15.1    | ug/L  | 336755   | 3                     | 13.560 | 557134 | 25.0 |
| 1-Phenyl-1-butene  | 14.206 | 3.0     | ug/L  | 67176    | 3                     | 13.560 | 557134 | 25.0 |
| Benzene, 1-meth... | 14.334 | 1.4     | ug/L  | 30966    | 3                     | 13.560 | 557134 | 25.0 |
| Benzene, 1-ethy... | 14.792 | 2.8     | ug/L  | 61971    | 3                     | 13.560 | 557134 | 25.0 |
| unknown-01         | 15.487 | 22.1    | ug/L  | 492347   | 3                     | 13.560 | 557134 | 25.0 |