

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122023\  
 Data File : VX039399.D  
 Acq On : 20 Dec 2023 14:19  
 Operator : JC/MD  
 Sample : 05869-08  
 Misc : 3.72g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 COAT4

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\_X\Method\SFAMXML120523WMA.M

Title : VOC Analysis

Signal : TIC: VX039399.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         | 1.374       | 43            | 47          | 59           | rBV      | 69454          | 113505        | 12.75%          | 1.586%        |
| 2         | 1.648       | 86            | 92          | 100          | rBV2     | 31614          | 70145         | 7.88%           | 0.980%        |
| 3         | 2.288       | 190           | 197         | 208          | rVB      | 181708         | 285036        | 32.02%          | 3.982%        |
| 4         | 2.398       | 210           | 215         | 224          | rBV4     | 2533           | 5391          | 0.61%           | 0.075%        |
| 5         | 2.715       | 261           | 267         | 274          | rBV      | 6362           | 12847         | 1.44%           | 0.179%        |
| 6         | 2.843       | 286           | 288         | 294          | rVB4     | 1112           | 1918          | 0.22%           | 0.027%        |
| 7         | 2.947       | 298           | 305         | 314          | rVB3     | 2989           | 7025          | 0.79%           | 0.098%        |
| 8         | 3.227       | 349           | 351         | 354          | rVV2     | 300            | 317           | 0.04%           | 0.004%        |
| 9         | 3.331       | 364           | 368         | 372          | rVV3     | 559            | 1118          | 0.13%           | 0.016%        |
| 10        | 3.380       | 375           | 376         | 378          | rVV      | 325            | 254           | 0.03%           | 0.004%        |
| 11        | 4.038       | 480           | 484         | 487          | rBV2     | 208            | 338           | 0.04%           | 0.005%        |
| 12        | 4.300       | 523           | 527         | 528          | rBV2     | 242            | 284           | 0.03%           | 0.004%        |
| 13        | 4.471       | 545           | 555         | 580          | rBV2     | 53406          | 233292        | 26.20%          | 3.259%        |
| 14        | 4.928       | 628           | 630         | 633          | rBV2     | 289            | 432           | 0.05%           | 0.006%        |
| 15        | 4.952       | 633           | 634         | 638          | rVV2     | 366            | 280           | 0.03%           | 0.004%        |
| 16        | 5.056       | 638           | 651         | 673          | rVV      | 105648         | 352189        | 39.56%          | 4.920%        |
| 17        | 5.196       | 673           | 674         | 676          | rVV2     | 404            | 279           | 0.03%           | 0.004%        |
| 18        | 5.245       | 680           | 682         | 684          | rVB2     | 317            | 298           | 0.03%           | 0.004%        |
| 19        | 5.330       | 692           | 696         | 697          | rBV      | 314            | 303           | 0.03%           | 0.004%        |
| 20        | 5.458       | 713           | 717         | 719          | rBV2     | 375            | 596           | 0.07%           | 0.008%        |
| 21        | 5.550       | 726           | 732         | 735          | rBV3     | 459            | 847           | 0.10%           | 0.012%        |
| 22        | 5.964       | 788           | 800         | 818          | rBV2     | 304289         | 890314        | 100.00%         | 12.438%       |
| 23        | 6.190       | 836           | 837         | 846          | rVV4     | 436            | 546           | 0.06%           | 0.008%        |
| 24        | 6.275       | 849           | 851         | 854          | rBV      | 330            | 281           | 0.03%           | 0.004%        |
| 25        | 6.757       | 921           | 930         | 952          | rVV      | 193799         | 478980        | 53.80%          | 6.692%        |
| 26        | 6.928       | 956           | 958         | 962          | rBV2     | 282            | 358           | 0.04%           | 0.005%        |
| 27        | 7.007       | 969           | 971         | 974          | rVB      | 320            | 266           | 0.03%           | 0.004%        |
| 28        | 7.111       | 983           | 988         | 990          | rBV4     | 1385           | 2085          | 0.23%           | 0.029%        |
| 29        | 7.233       | 1006          | 1008        | 1010         | rBV      | 244            | 288           | 0.03%           | 0.004%        |
| 30        | 7.306       | 1012          | 1020        | 1038         | rVB      | 183127         | 404121        | 45.39%          | 5.646%        |
| 31        | 7.482       | 1045          | 1049        | 1051         | rBV4     | 351            | 575           | 0.06%           | 0.008%        |
| 32        | 7.818       | 1100          | 1104        | 1106         | rVB2     | 290            | 336           | 0.04%           | 0.005%        |
| 33        | 8.257       | 1173          | 1176        | 1181         | rBV4     | 1277           | 2078          | 0.23%           | 0.029%        |
| 34        | 8.324       | 1181          | 1187        | 1201         | rBV      | 112740         | 197069        | 22.13%          | 2.753%        |
| 35        | 8.513       | 1217          | 1218        | 1228         | rVB3     | 438            | 696           | 0.08%           | 0.010%        |
| 36        | 8.647       | 1234          | 1240        | 1256         | rBV      | 421078         | 684861        | 76.92%          | 9.568%        |

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 COAT4

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\_X\Method\SFAMXLM120523WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 8.952  | 1285 | 1290 | 1306 | rVB  | 79483  | 128518 | 14.44% | 1.795% |
| 38 | 9.275  | 1337 | 1343 | 1347 | rVB2 | 752    | 1173   | 0.13%  | 0.016% |
| 39 | 9.397  | 1356 | 1363 | 1377 | rBV  | 290713 | 533561 | 59.93% | 7.454% |
| 40 | 9.555  | 1388 | 1389 | 1397 | rVB4 | 936    | 1055   | 0.12%  | 0.015% |
| 41 | 9.653  | 1403 | 1405 | 1408 | rBV3 | 287    | 338    | 0.04%  | 0.005% |
| 42 | 9.708  | 1412 | 1414 | 1419 | rVB2 | 585    | 821    | 0.09%  | 0.011% |
| 43 | 9.763  | 1419 | 1423 | 1424 | rBV2 | 213    | 266    | 0.03%  | 0.004% |
| 44 | 10.202 | 1491 | 1495 | 1500 | rVB3 | 1344   | 2047   | 0.23%  | 0.029% |
| 45 | 10.305 | 1509 | 1512 | 1517 | rBV2 | 836    | 1312   | 0.15%  | 0.018% |
| 46 | 10.653 | 1564 | 1569 | 1570 | rBV2 | 963    | 1310   | 0.15%  | 0.018% |
| 47 | 10.762 | 1585 | 1587 | 1592 | rVB2 | 289    | 323    | 0.04%  | 0.005% |
| 48 | 10.964 | 1615 | 1620 | 1621 | rBV  | 422    | 568    | 0.06%  | 0.008% |
| 49 | 11.195 | 1652 | 1658 | 1669 | rBV  | 331814 | 429170 | 48.20% | 5.996% |
| 50 | 11.317 | 1674 | 1678 | 1680 | rVV3 | 1329   | 1414   | 0.16%  | 0.020% |
| 51 | 11.366 | 1680 | 1686 | 1692 | rVV  | 480673 | 610061 | 68.52% | 8.523% |
| 52 | 11.421 | 1692 | 1695 | 1697 | rVV2 | 10684  | 13876  | 1.56%  | 0.194% |
| 53 | 11.457 | 1697 | 1701 | 1715 | rVB  | 86913  | 117396 | 13.19% | 1.640% |
| 54 | 11.756 | 1743 | 1750 | 1757 | rBV6 | 759    | 1955   | 0.22%  | 0.027% |
| 55 | 11.841 | 1762 | 1764 | 1766 | rVB  | 386    | 305    | 0.03%  | 0.004% |
| 56 | 11.927 | 1776 | 1778 | 1781 | rBV3 | 448    | 621    | 0.07%  | 0.009% |
| 57 | 11.969 | 1781 | 1785 | 1789 | rBV  | 26809  | 33759  | 3.79%  | 0.472% |
| 58 | 12.024 | 1789 | 1794 | 1807 | rVB  | 493980 | 675699 | 75.89% | 9.440% |
| 59 | 12.146 | 1812 | 1814 | 1819 | rVB2 | 954    | 1320   | 0.15%  | 0.018% |
| 60 | 12.183 | 1819 | 1820 | 1824 | rBV  | 229    | 252    | 0.03%  | 0.004% |
| 61 | 12.232 | 1824 | 1828 | 1832 | rBV  | 1839   | 2007   | 0.23%  | 0.028% |
| 62 | 12.317 | 1837 | 1842 | 1857 | rBV  | 454579 | 618109 | 69.43% | 8.635% |
| 63 | 12.451 | 1859 | 1864 | 1868 | rBV2 | 7340   | 11071  | 1.24%  | 0.155% |
| 64 | 12.768 | 1910 | 1916 | 1920 | rBV2 | 7243   | 11935  | 1.34%  | 0.167% |
| 65 | 12.811 | 1920 | 1923 | 1929 | rVB3 | 2357   | 2871   | 0.32%  | 0.040% |
| 66 | 12.878 | 1929 | 1934 | 1935 | rBV2 | 640    | 850    | 0.10%  | 0.012% |
| 67 | 13.067 | 1955 | 1965 | 1970 | rBV  | 66688  | 119876 | 13.46% | 1.675% |
| 68 | 13.110 | 1970 | 1972 | 1978 | rVV3 | 4155   | 5234   | 0.59%  | 0.073% |
| 69 | 13.256 | 1995 | 1996 | 2000 | rBV3 | 838    | 1127   | 0.13%  | 0.016% |
| 70 | 13.329 | 2006 | 2008 | 2012 | rVB2 | 531    | 529    | 0.06%  | 0.007% |
| 71 | 13.378 | 2012 | 2016 | 2023 | rBV4 | 1092   | 1614   | 0.18%  | 0.023% |
| 72 | 13.487 | 2031 | 2034 | 2039 | rVB3 | 263    | 372    | 0.04%  | 0.005% |
| 73 | 13.591 | 2047 | 2051 | 2057 | rVB4 | 4153   | 5821   | 0.65%  | 0.081% |
| 74 | 13.658 | 2057 | 2062 | 2064 | rBV3 | 875    | 1104   | 0.12%  | 0.015% |
| 75 | 13.750 | 2073 | 2077 | 2080 | rBV3 | 3241   | 5142   | 0.58%  | 0.072% |
| 76 | 13.847 | 2091 | 2093 | 2098 | rVB4 | 578    | 832    | 0.09%  | 0.012% |

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 Misc : 3.72g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 C0AT4

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\_X\Method\SFAMXLM120523WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |      |       |       |        |
|-----|--------|------|------|------|------|------|-------|-------|--------|
| 77  | 13.926 | 2104 | 2106 | 2107 | rVB  | 461  | 328   | 0.04% | 0.005% |
| 78  | 13.963 | 2107 | 2112 | 2115 | rBV4 | 7439 | 10288 | 1.16% | 0.144% |
| 79  | 14.054 | 2123 | 2127 | 2133 | rVB  | 8792 | 11171 | 1.25% | 0.156% |
| 80  | 14.128 | 2134 | 2139 | 2143 | rBV  | 8275 | 11153 | 1.25% | 0.156% |
| 81  | 14.164 | 2143 | 2145 | 2149 | rVB2 | 3520 | 3916  | 0.44% | 0.055% |
| 82  | 14.274 | 2161 | 2163 | 2165 | rBV2 | 1664 | 2014  | 0.23% | 0.028% |
| 83  | 14.304 | 2165 | 2168 | 2172 | rVB2 | 4250 | 5166  | 0.58% | 0.072% |
| 84  | 14.371 | 2178 | 2179 | 2181 | rBV2 | 319  | 271   | 0.03% | 0.004% |
| 85  | 14.426 | 2186 | 2188 | 2196 | rVB4 | 1751 | 2695  | 0.30% | 0.038% |
| 86  | 14.518 | 2201 | 2203 | 2205 | rVB  | 422  | 324   | 0.04% | 0.005% |
| 87  | 14.573 | 2208 | 2212 | 2213 | rBV  | 192  | 287   | 0.03% | 0.004% |
| 88  | 14.640 | 2218 | 2223 | 2225 | rBV4 | 1984 | 2561  | 0.29% | 0.036% |
| 89  | 14.695 | 2231 | 2232 | 2236 | rBV3 | 408  | 284   | 0.03% | 0.004% |
| 90  | 14.768 | 2238 | 2244 | 2246 | rBV4 | 1552 | 2207  | 0.25% | 0.031% |
| 91  | 14.884 | 2260 | 2263 | 2265 | rBV4 | 382  | 460   | 0.05% | 0.006% |
| 92  | 14.981 | 2277 | 2279 | 2282 | rVB2 | 306  | 273   | 0.03% | 0.004% |
| 93  | 15.091 | 2295 | 2297 | 2300 | rBV2 | 286  | 283   | 0.03% | 0.004% |
| 94  | 15.207 | 2314 | 2316 | 2319 | rBV3 | 1014 | 1167  | 0.13% | 0.016% |
| 95  | 15.243 | 2319 | 2322 | 2328 | rVB4 | 3133 | 4092  | 0.46% | 0.057% |
| 96  | 15.396 | 2342 | 2347 | 2350 | rVB4 | 1315 | 2058  | 0.23% | 0.029% |
| 97  | 15.487 | 2358 | 2362 | 2364 | rBV3 | 490  | 669   | 0.08% | 0.009% |
| 98  | 15.822 | 2415 | 2417 | 2418 | rVB2 | 446  | 249   | 0.03% | 0.003% |
| 99  | 16.267 | 2488 | 2490 | 2492 | rBV4 | 565  | 627   | 0.07% | 0.009% |
| 100 | 16.377 | 2506 | 2508 | 2509 | rVB  | 393  | 246   | 0.03% | 0.003% |

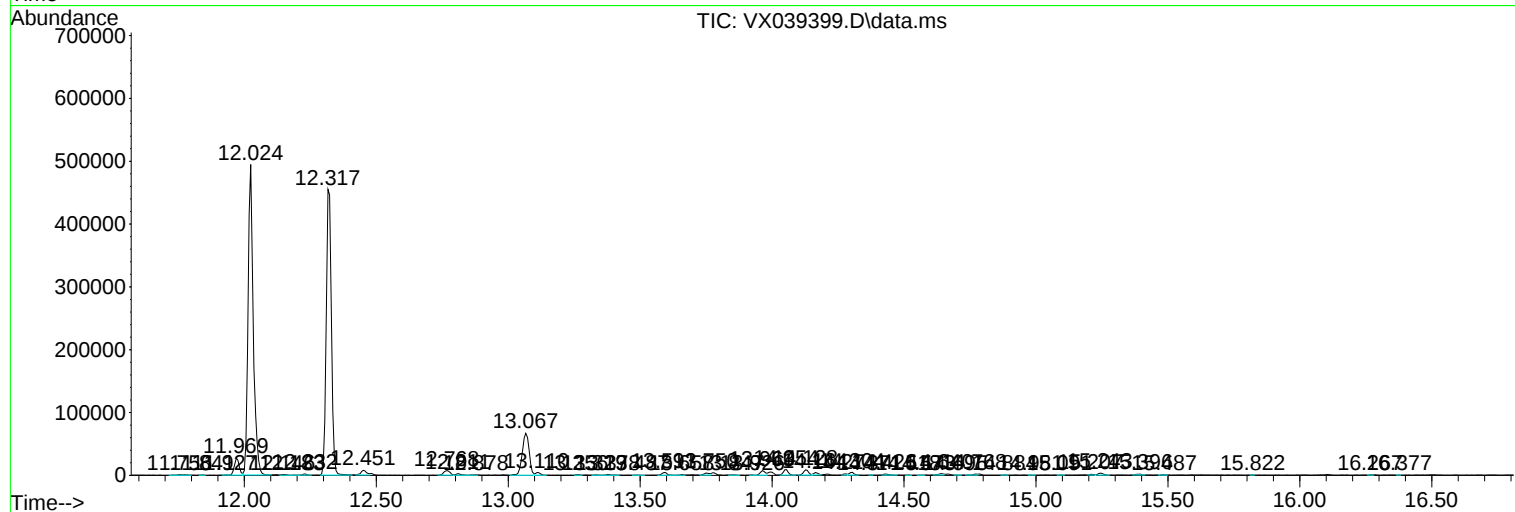
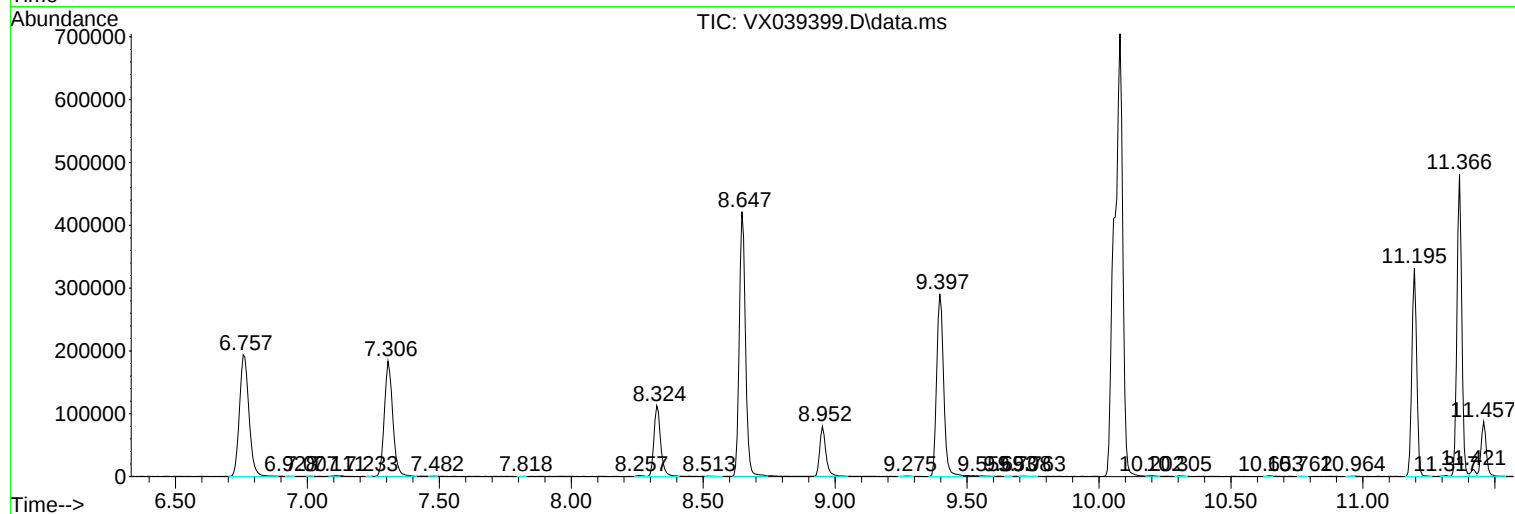
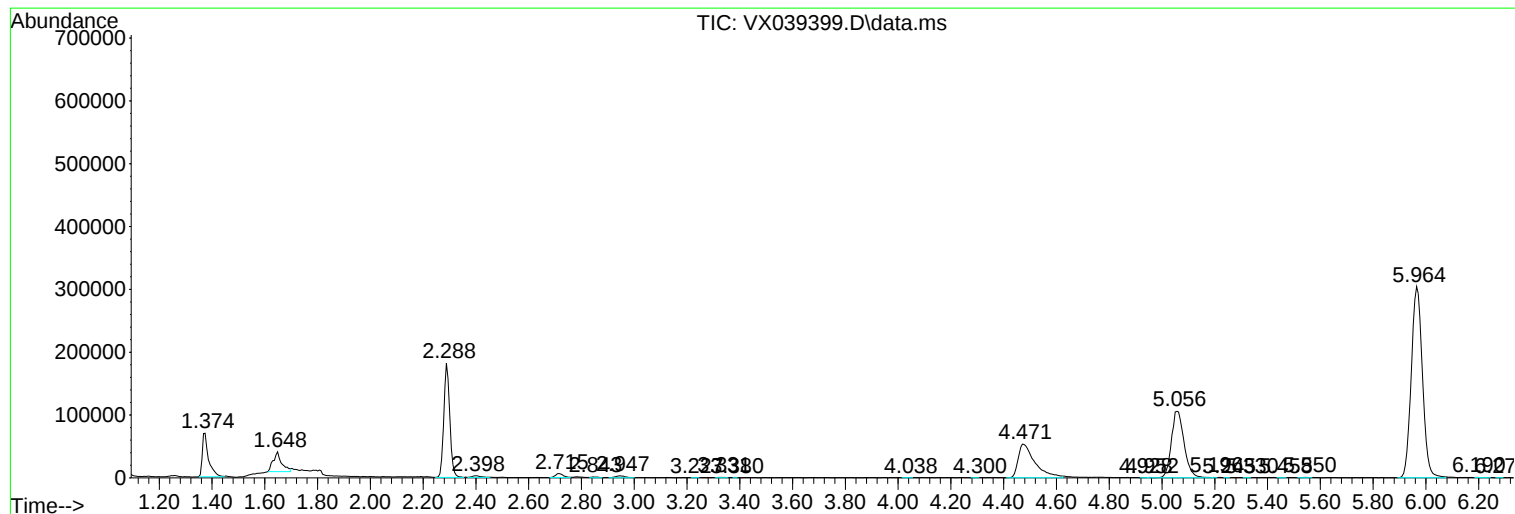
Sum of corrected areas: 7157951

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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
C0AT4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML120523WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122023\  
Data File : VX039399.D  
Acq On : 20 Dec 2023 14:19  
Operator : JC/MD  
Sample : 05869-08  
Misc : 3.72g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
C0AT4

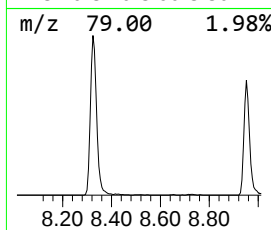
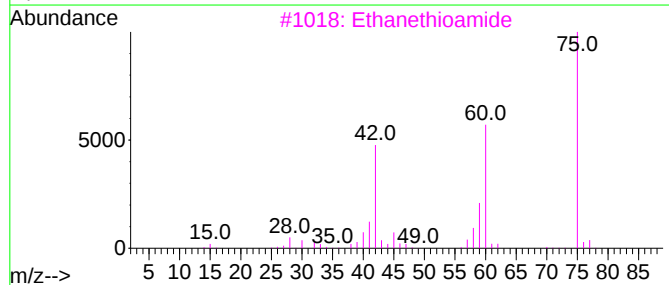
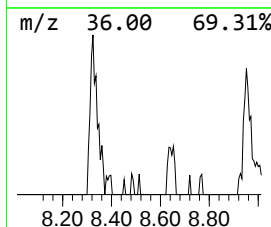
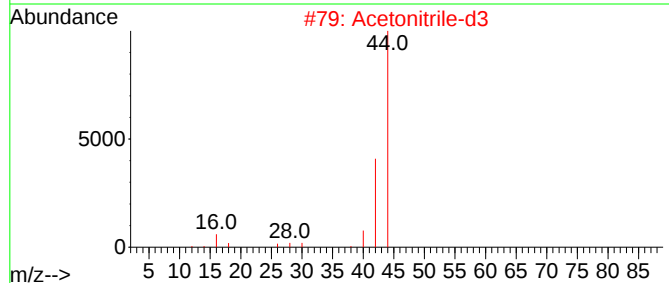
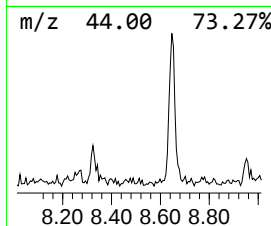
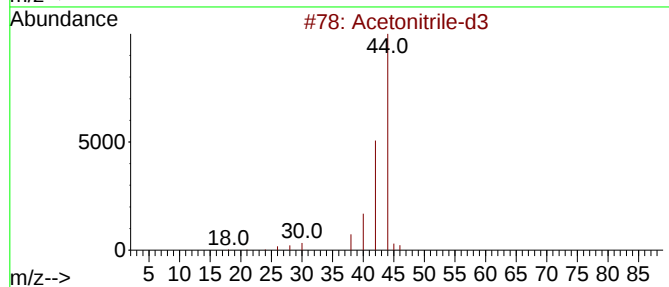
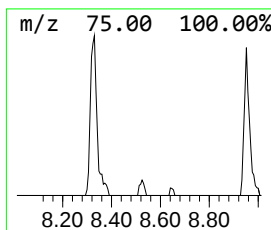
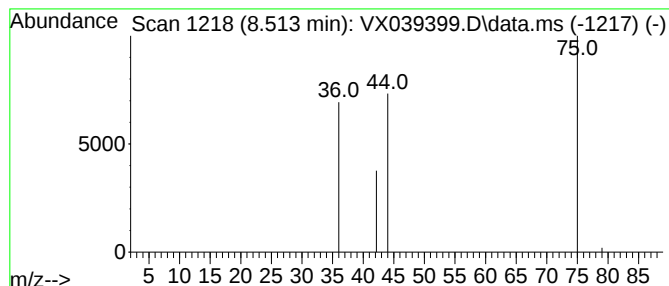
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM120523WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 2 unknown-01 Concentration Rank 9

| R.T.  | EstConc    | Area | Relative to ISTD | R.T.   |
|-------|------------|------|------------------|--------|
| 8.513 | 17.00 ug/L | 696  | Chlorobenzene-d5 | 10.055 |

| Hit# | of | 5 | Tentative ID    | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------|----|---------|-------------|------|
| 1    |    |   | Acetonitrile-d3 | 44 | C2D3N   | 002206-26-0 | 4    |
| 2    |    |   | Acetonitrile-d3 | 44 | C2D3N   | 002206-26-0 | 4    |
| 3    |    |   | Ethanethioamide | 75 | C2H5NS  | 000062-55-5 | 4    |
| 4    |    |   | Ethanethioamide | 75 | C2H5NS  | 000062-55-5 | 4    |
| 5    |    |   | Ethanethioamide | 75 | C2H5NS  | 000062-55-5 | 4    |



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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
C0AT4

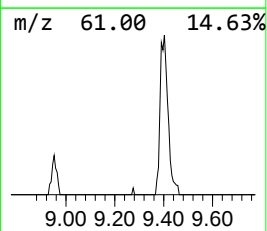
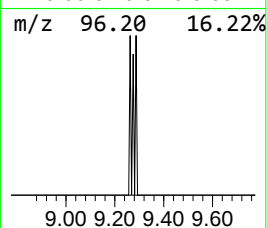
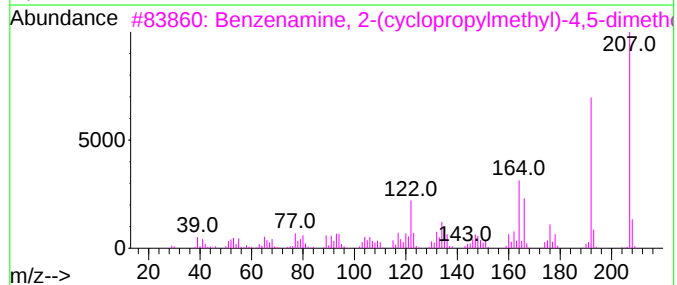
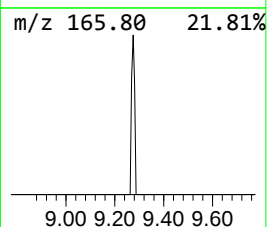
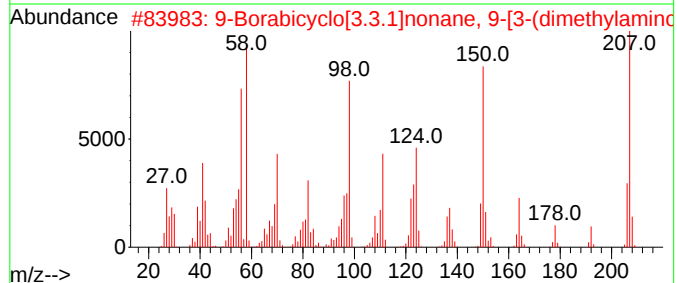
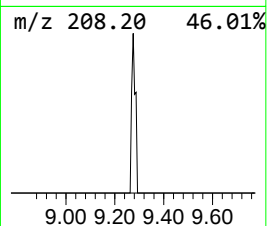
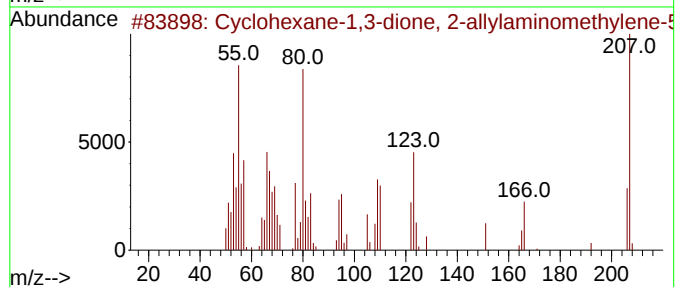
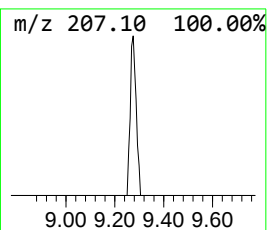
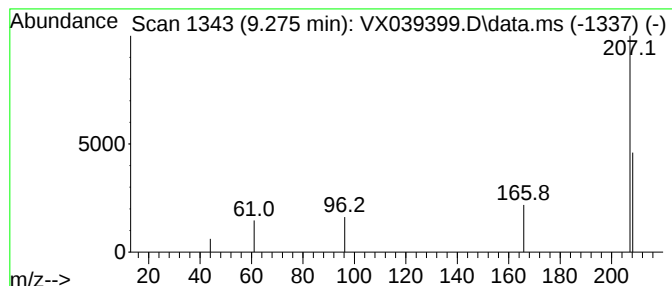
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM120523WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 3 unknown-02 Concentration Rank 5

| R.T.  | EstConc    | Area | Relative to ISTD | R.T.   |
|-------|------------|------|------------------|--------|
| 9.275 | 28.65 ug/L | 1173 | Chlorobenzene-d5 | 10.055 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Cyclohexane-1,3-dione, 2-allylam... | 207 | C12H17NO2 | 104926-37-6  | 5    |
| 2    |    |   | 9-Borabicyclo[3.3.1]nonane, 9-[3... | 207 | C13H26BN  | 1000160-35-2 | 5    |
| 3    |    |   | Benzenamine, 2-(cyclopropylmethy... | 207 | C12H17NO2 | 1000327-32-3 | 5    |
| 4    |    |   | Hexahydropyridine, 1-methyl-4-[4... | 207 | C12H17NO2 | 094427-47-1  | 5    |
| 5    |    |   | 2(1H)-Naphthalenone, octahydro-1... | 166 | C11H18O   | 021102-88-5  | 4    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122023\  
Data File : VX039399.D  
Acq On : 20 Dec 2023 14:19  
Operator : JC/MD  
Sample : 05869-08  
Misc : 3.72g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
C0AT4

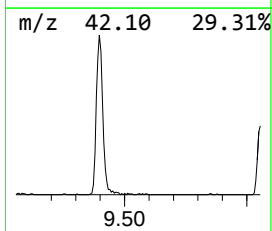
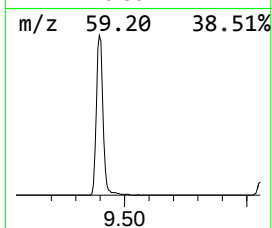
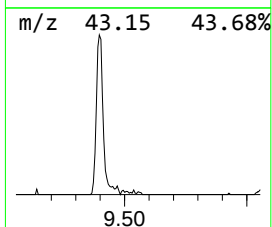
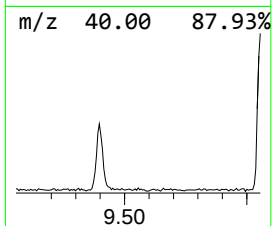
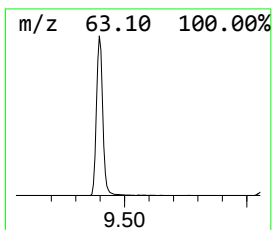
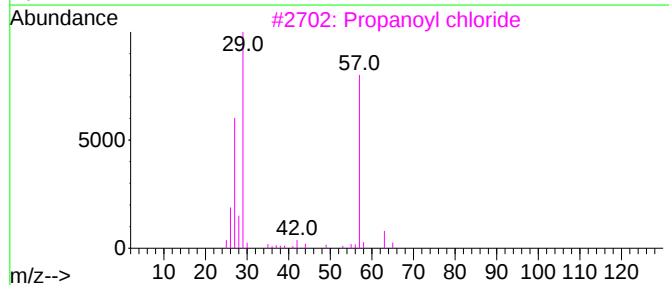
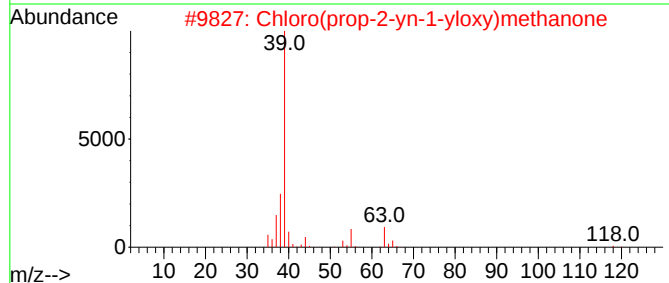
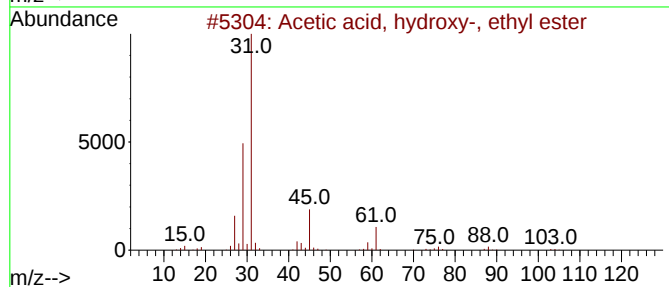
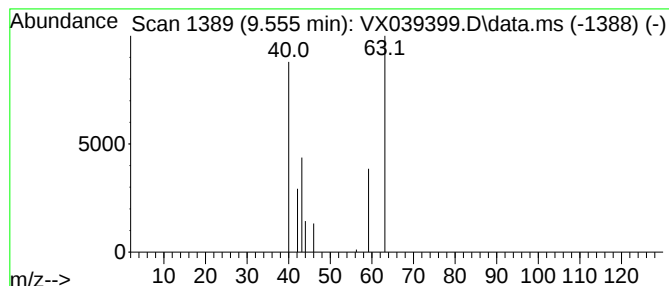
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 4 unknown-03 Concentration Rank 6

| R.T.  | EstConc    | Area | Relative to ISTD | R.T.   |
|-------|------------|------|------------------|--------|
| 9.555 | 25.77 ug/L | 1055 | Chlorobenzene-d5 | 10.055 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Acetic acid, hydroxy-, ethyl ester | 104 | C4H8O3   | 000623-50-7 | 2    |
| 2    |    |   | Chloro(prop-2-yn-1-yloxy)methanone | 118 | C4H3ClO2 | 035718-08-2 | 1    |
| 3    |    |   | Propanoyl chloride                 | 92  | C3H5ClO  | 000079-03-8 | 1    |
| 4    |    |   | Propanoyl chloride                 | 92  | C3H5ClO  | 000079-03-8 | 1    |
| 5    |    |   | Propanoyl chloride                 | 92  | C3H5ClO  | 000079-03-8 | 1    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122023\  
Data File : VX039399.D  
Acq On : 20 Dec 2023 14:19  
Operator : JC/MD  
Sample : 05869-08  
Misc : 3.72g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
C0AT4

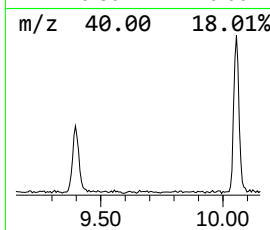
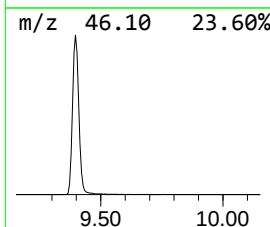
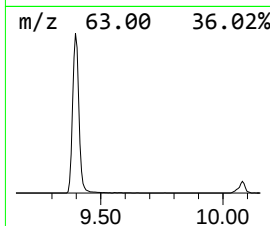
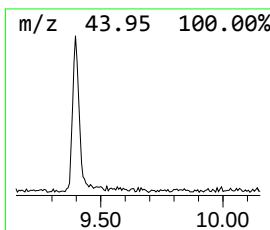
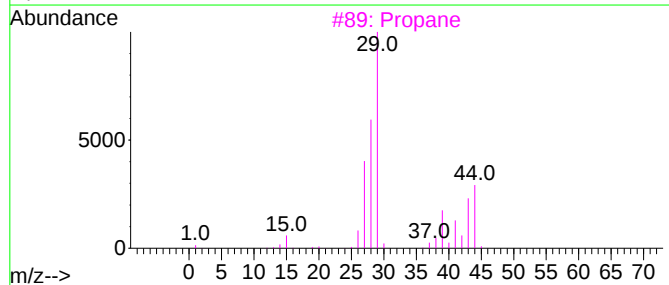
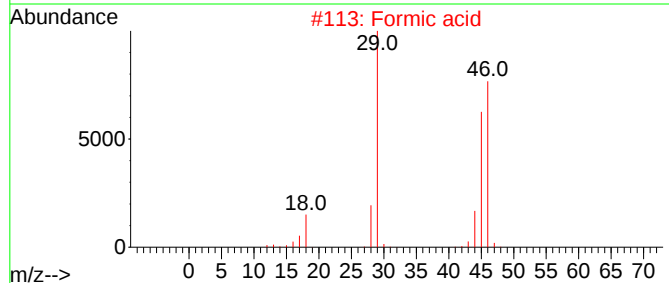
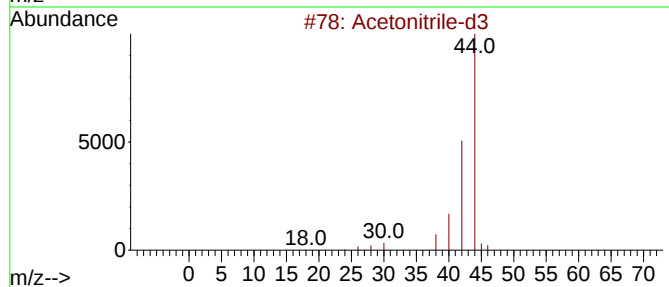
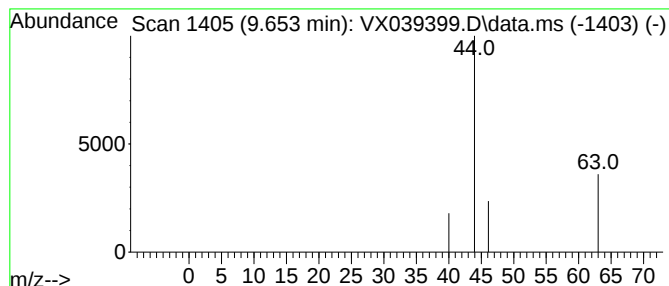
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Quant Title : VOC Analysis

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

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Peak Number 5 unknown-04 Concentration Rank 13

| R.T.  | EstConc   | Area | Relative to ISTD | R.T.   |
|-------|-----------|------|------------------|--------|
| 9.653 | 8.26 ug/L | 338  | Chlorobenzene-d5 | 10.055 |

| Hit# | of | 5 | Tentative ID    | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------|----|---------|-------------|------|
| 1    |    |   | Acetonitrile-d3 | 44 | C2D3N   | 002206-26-0 | 3    |
| 2    |    |   | Formic acid     | 46 | CH2O2   | 000064-18-6 | 2    |
| 3    |    |   | Propane         | 44 | C3H8    | 000074-98-6 | 2    |
| 4    |    |   | Ethyne, fluoro- | 44 | C2HF    | 002713-09-9 | 2    |
| 5    |    |   | Ethanol         | 46 | C2H6O   | 000064-17-5 | 2    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122023\  
Data File : VX039399.D  
Acq On : 20 Dec 2023 14:19  
Operator : JC/MD  
Sample : 05869-08  
Misc : 3.72g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
C0AT4

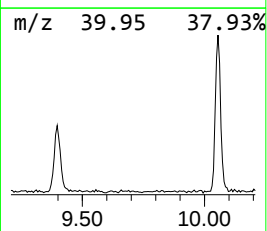
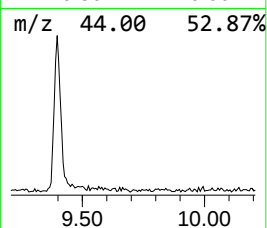
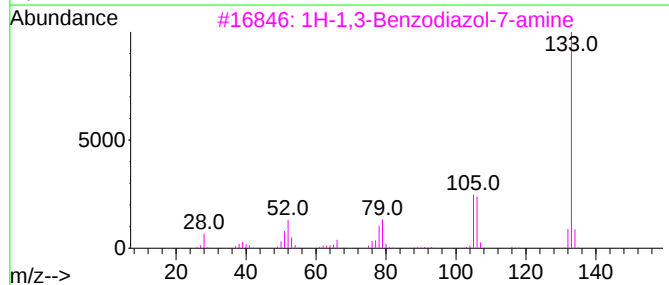
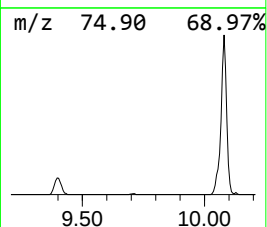
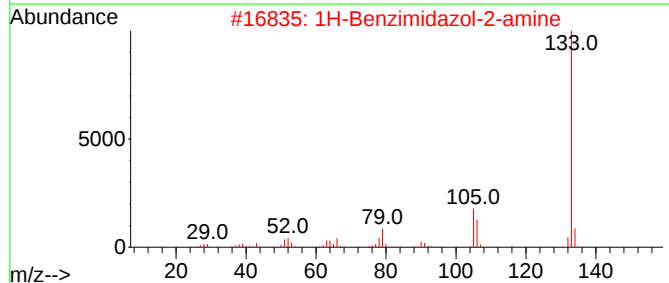
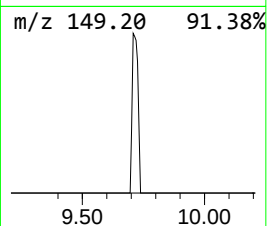
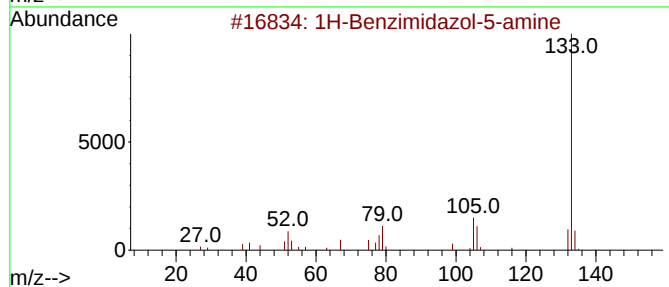
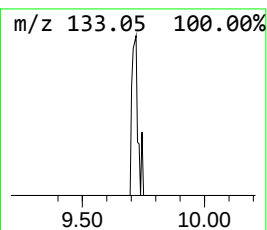
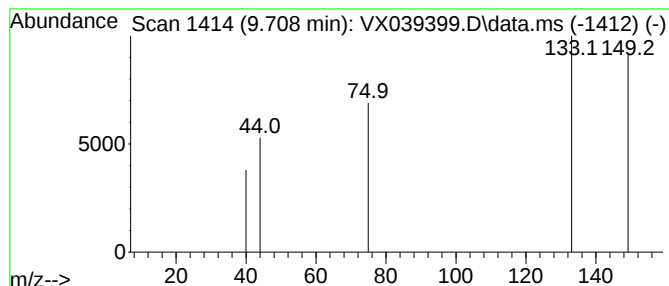
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 6 unknown-05 Concentration Rank 8

| R.T.  | EstConc    | Area | Relative to ISTD | R.T.   |
|-------|------------|------|------------------|--------|
| 9.708 | 20.05 ug/L | 821  | Chlorobenzene-d5 | 10.055 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | 1H-Benzimidazol-5-amine    | 133 | C7H7N3  | 000934-22-5 | 2    |
| 2    |    |   | 1H-Benzimidazol-2-amine    | 133 | C7H7N3  | 000934-32-7 | 2    |
| 3    |    |   | 1H-1,3-Benzodiazol-7-amine | 133 | C7H7N3  | 004331-29-7 | 2    |
| 4    |    |   | 1H-Benzimidazol-2-amine    | 133 | C7H7N3  | 000934-32-7 | 2    |
| 5    |    |   | 6-Aminoindazole            | 133 | C7H7N3  | 006967-12-0 | 2    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122023\  
Data File : VX039399.D  
Acq On : 20 Dec 2023 14:19  
Operator : JC/MD  
Sample : 05869-08  
Misc : 3.72g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
C0AT4

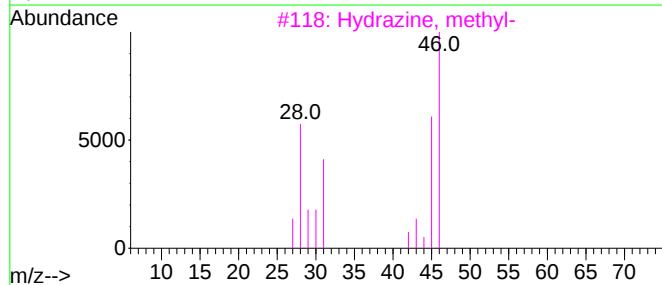
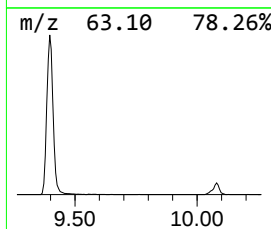
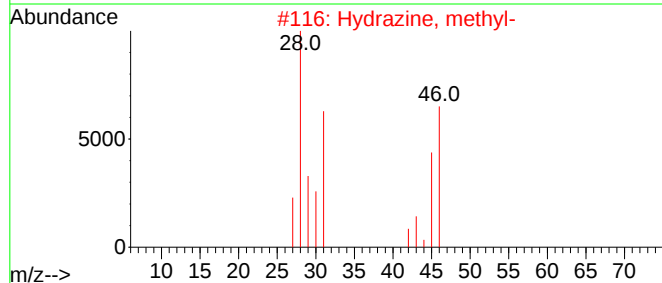
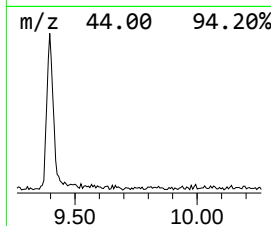
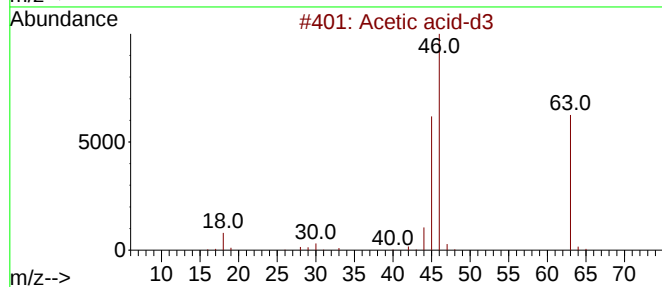
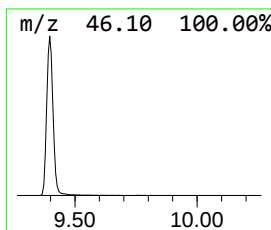
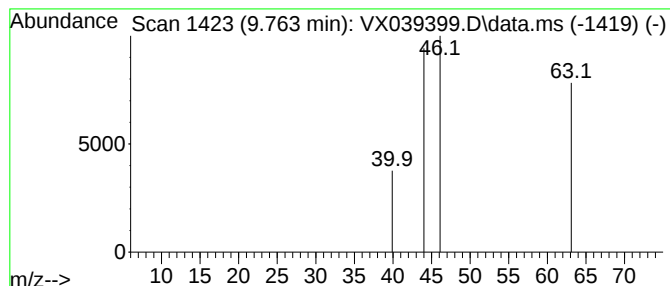
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 7 unknown-06 Concentration Rank 15

| R.T.  | EstConc   | Area | Relative to ISTD | R.T.   |
|-------|-----------|------|------------------|--------|
| 9.763 | 6.50 ug/L | 266  | Chlorobenzene-d5 | 10.055 |

| Hit# | of | 5 | Tentative ID       | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------|----|---------|-------------|------|
| 1    |    |   | Acetic acid-d3     | 63 | C2HD3O2 | 001112-02-3 | 7    |
| 2    |    |   | Hydrazine, methyl- | 46 | CH6N2   | 000060-34-4 | 3    |
| 3    |    |   | Hydrazine, methyl- | 46 | CH6N2   | 000060-34-4 | 3    |
| 4    |    |   | Ethene, fluoro-    | 46 | C2H3F   | 000075-02-5 | 3    |
| 5    |    |   | Formic acid        | 46 | CH2O2   | 000064-18-6 | 3    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122023\  
Data File : VX039399.D  
Acq On : 20 Dec 2023 14:19  
Operator : JC/MD  
Sample : 05869-08  
Misc : 3.72g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
C0AT4

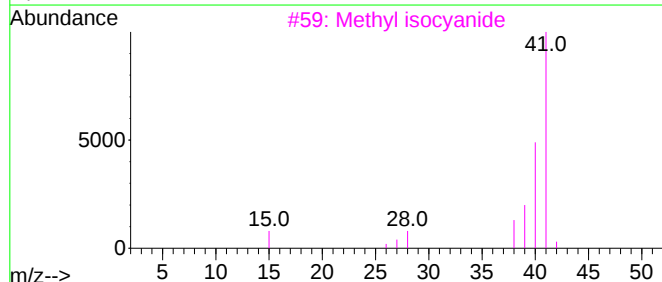
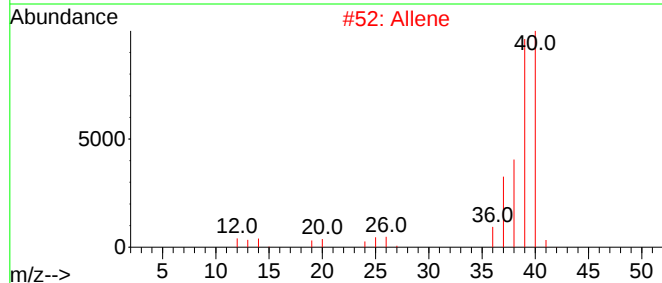
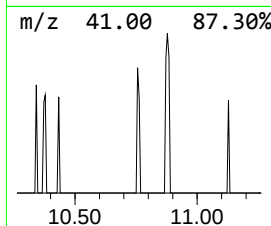
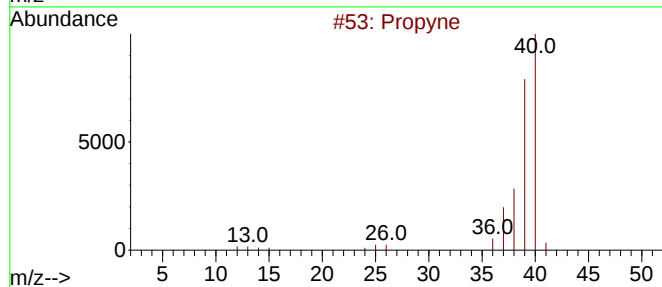
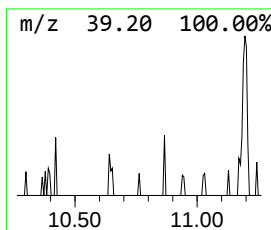
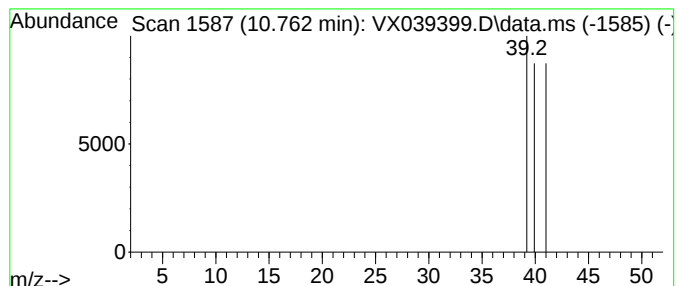
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Quant Title : VOC Analysis

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

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Peak Number 11 unknown-07 Concentration Rank 14

| R.T.   | EstConc   | Area | Relative to ISTD | R.T.   |
|--------|-----------|------|------------------|--------|
| 10.762 | 7.89 ug/L | 323  | Chlorobenzene-d5 | 10.055 |

| Hit# | of | 5 | Tentative ID      | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------|----|---------|-------------|------|
| 1    |    |   | Propyne           | 40 | C3H4    | 000074-99-7 | 5    |
| 2    |    |   | Allene            | 40 | C3H4    | 000463-49-0 | 5    |
| 3    |    |   | Methyl isocyanide | 41 | C2H3N   | 000593-75-9 | 1    |
| 4    |    |   | Acetonitrile      | 41 | C2H3N   | 000075-05-8 | 1    |
| 5    |    |   | Acetonitrile      | 41 | C2H3N   | 000075-05-8 | 1    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122023\  
Data File : VX039399.D  
Acq On : 20 Dec 2023 14:19  
Operator : JC/MD  
Sample : 05869-08  
Misc : 3.72g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
C0AT4

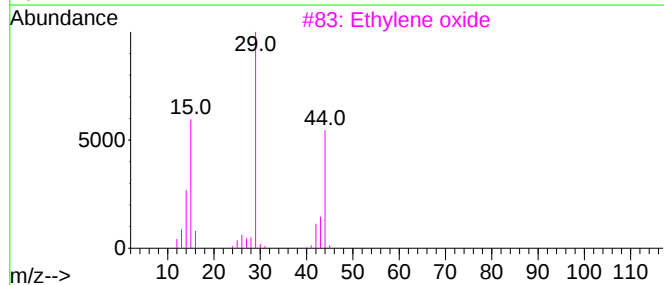
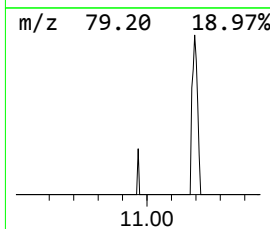
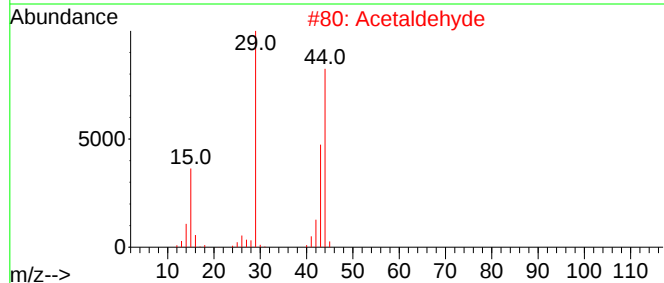
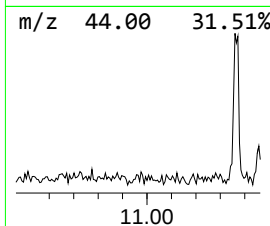
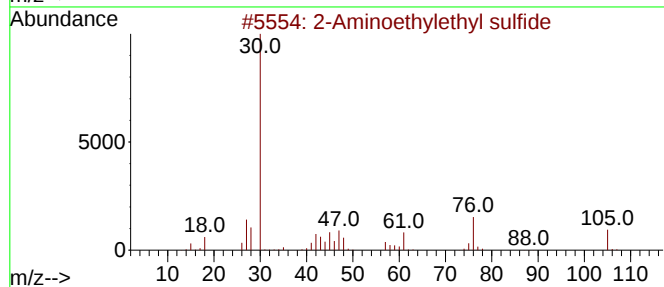
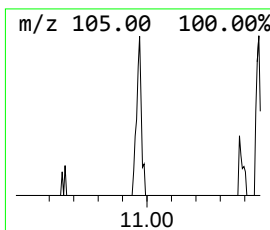
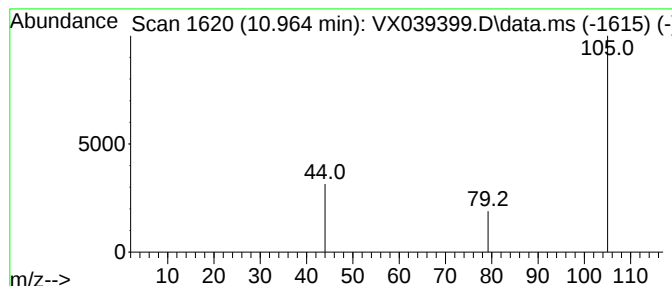
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 12 unknown-08 Concentration Rank 10

| R.T.   | EstConc    | Area | Relative to ISTD | R.T.   |
|--------|------------|------|------------------|--------|
| 10.964 | 13.87 ug/L | 568  | Chlorobenzene-d5 | 10.055 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Aminoethylethyl sulfide | 105 | C4H11NS | 036489-03-9 | 3    |
| 2    |    |   | Acetaldehyde              | 44  | C2H4O   | 000075-07-0 | 2    |
| 3    |    |   | Ethylene oxide            | 44  | C2H4O   | 000075-21-8 | 2    |
| 4    |    |   | Ethylene oxide            | 44  | C2H4O   | 000075-21-8 | 2    |
| 5    |    |   | Ethylene oxide            | 44  | C2H4O   | 000075-21-8 | 2    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122023\  
Data File : VX039399.D  
Acq On : 20 Dec 2023 14:19  
Operator : JC/MD  
Sample : 05869-08  
Misc : 3.72g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
C0AT4

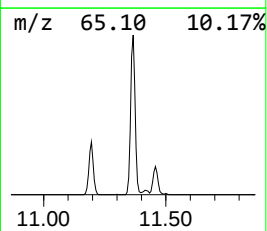
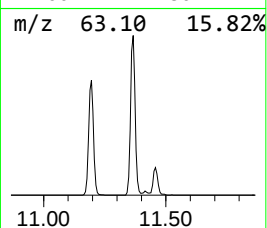
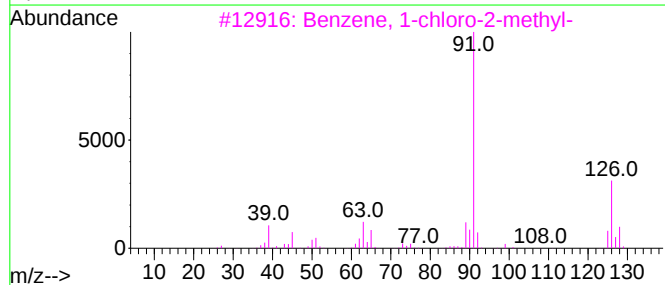
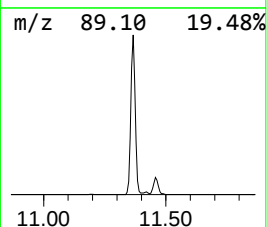
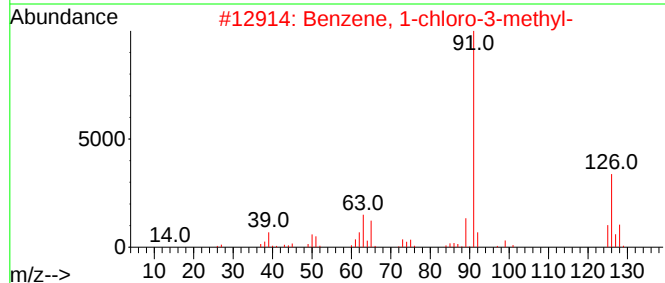
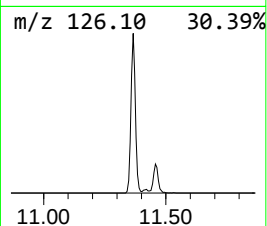
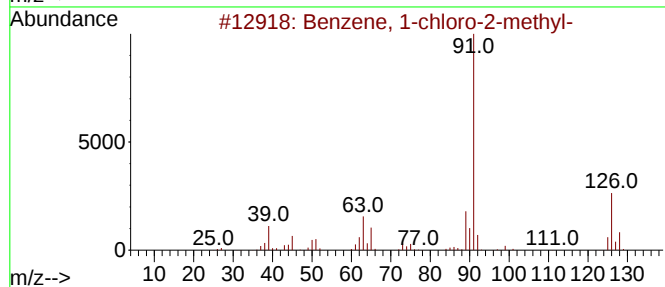
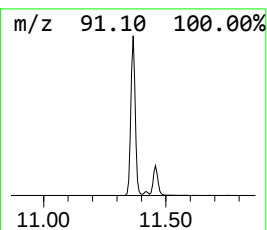
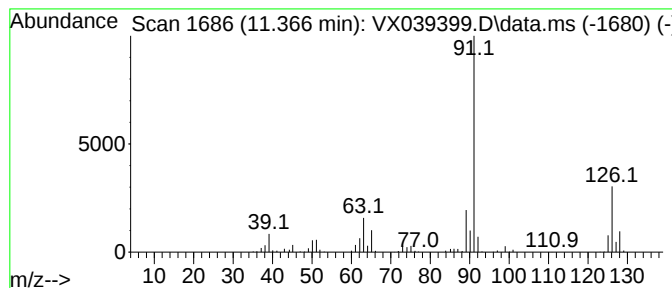
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Quant Title : VOC Analysis

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

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Peak Number 13 Benzene, 1-chloro-2-methyl- Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 11.366 | 45.14 ug/L | 610061 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-chloro-2-methyl- | 126 | C7H7Cl  | 000095-49-8 | 96   |
| 2    |    |   | Benzene, 1-chloro-3-methyl- | 126 | C7H7Cl  | 000108-41-8 | 95   |
| 3    |    |   | Benzene, 1-chloro-2-methyl- | 126 | C7H7Cl  | 000095-49-8 | 94   |
| 4    |    |   | Benzene, 1-chloro-2-methyl- | 126 | C7H7Cl  | 000095-49-8 | 93   |
| 5    |    |   | Benzene, 1-chloro-2-methyl- | 126 | C7H7Cl  | 000095-49-8 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122023\  
Data File : VX039399.D  
Acq On : 20 Dec 2023 14:19  
Operator : JC/MD  
Sample : 05869-08  
Misc : 3.72g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
C0AT4

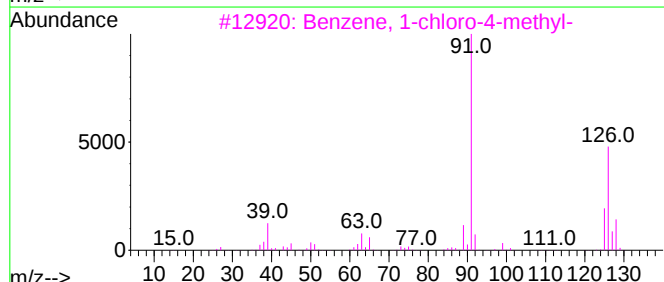
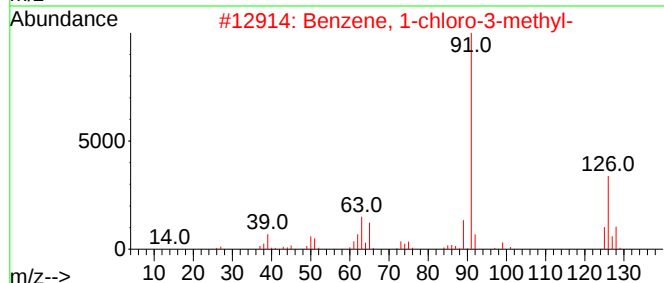
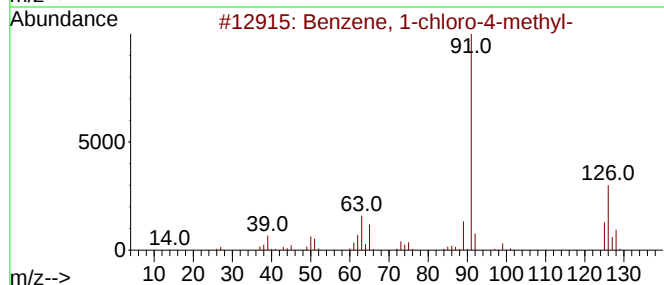
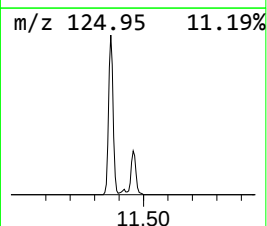
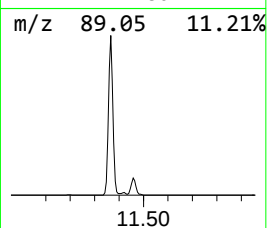
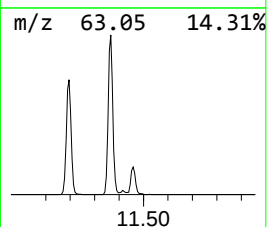
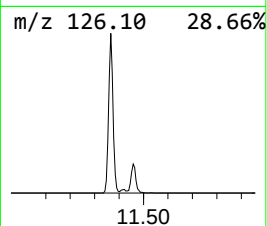
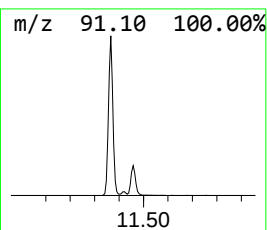
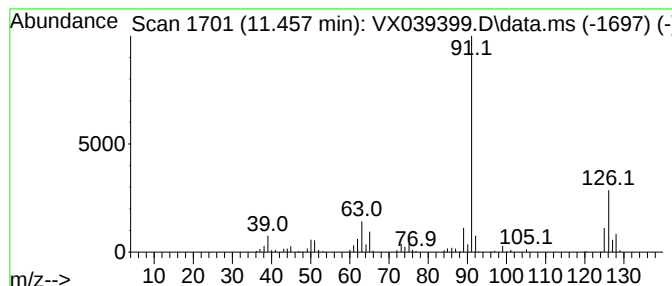
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Quant Title : VOC Analysis

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

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Peak Number 14 Benzene, 1-chloro-4-methyl- Concentration Rank 12

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 11.457 | 8.69 ug/L | 117396 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-chloro-4-methyl- | 126 | C7H7Cl  | 000106-43-4 | 96   |
| 2    |    |   | Benzene, 1-chloro-3-methyl- | 126 | C7H7Cl  | 000108-41-8 | 96   |
| 3    |    |   | Benzene, 1-chloro-4-methyl- | 126 | C7H7Cl  | 000106-43-4 | 94   |
| 4    |    |   | Benzene, 1-chloro-2-methyl- | 126 | C7H7Cl  | 000095-49-8 | 94   |
| 5    |    |   | Benzene, 1-chloro-4-methyl- | 126 | C7H7Cl  | 000106-43-4 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122023\  
Data File : VX039399.D  
Acq On : 20 Dec 2023 14:19  
Operator : JC/MD  
Sample : 05869-08  
Misc : 3.72g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
C0AT4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM120523WMA.M  
Quant Title : VOC Analysis

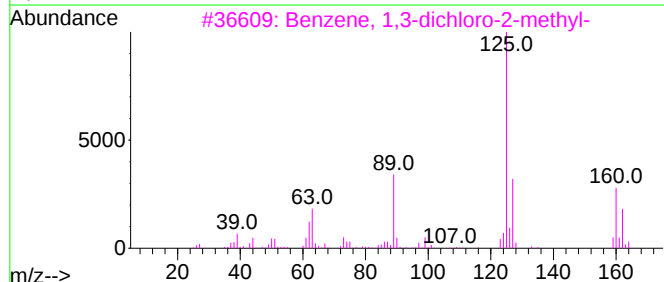
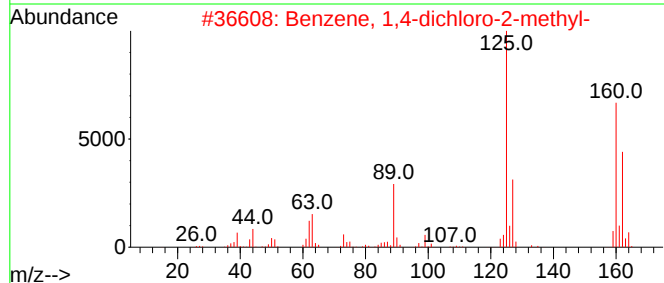
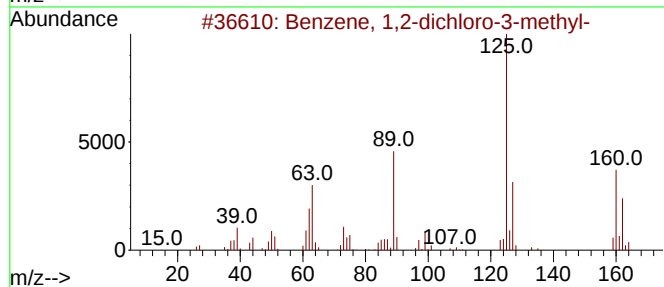
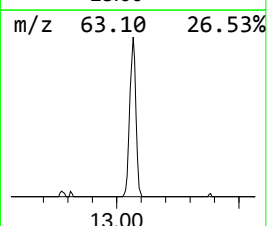
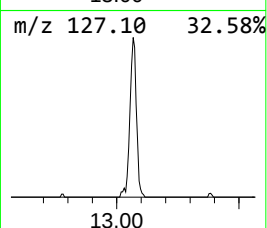
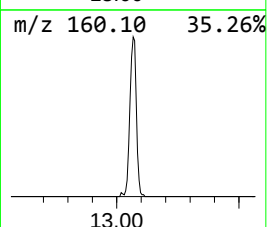
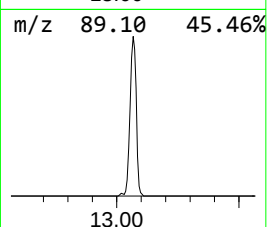
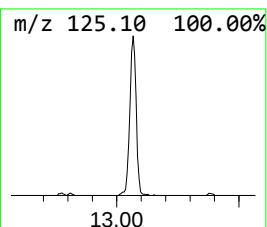
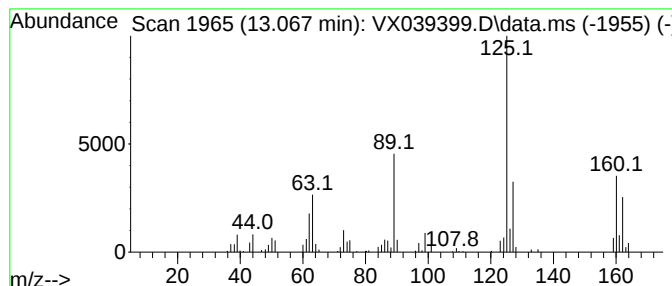
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 Benzene, 1,2-dichloro-3-met... Concentration Rank 11

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 13.067 | 8.87 ug/L | 119876 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2-dichloro-3-methyl- | 160 | C7H6Cl2 | 032768-54-0 | 97   |
| 2    |    |   | Benzene, 1,4-dichloro-2-methyl- | 160 | C7H6Cl2 | 019398-61-9 | 96   |
| 3    |    |   | Benzene, 1,3-dichloro-2-methyl- | 160 | C7H6Cl2 | 000118-69-4 | 96   |
| 4    |    |   | Benzene, 2,4-dichloro-1-methyl- | 160 | C7H6Cl2 | 000095-73-8 | 95   |
| 5    |    |   | Benzene, 1,2-dichloro-3-methyl- | 160 | C7H6Cl2 | 032768-54-0 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122023\  
Data File : VX039399.D  
Acq On : 20 Dec 2023 14:19  
Operator : JC/MD  
Sample : 05869-08  
Misc : 3.72g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
C0AT4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML120523WMA.M  
Quant Title : VOC Analysis

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| unknown-01         | 8.513  | 17.0    | ug/L  | 696      | 2                     | 10.055 | 2047   | 50.0 |
| unknown-02         | 9.275  | 28.6    | ug/L  | 1173     | 2                     | 10.055 | 2047   | 50.0 |
| unknown-03         | 9.555  | 25.8    | ug/L  | 1055     | 2                     | 10.055 | 2047   | 50.0 |
| unknown-04         | 9.653  | 8.3     | ug/L  | 338      | 2                     | 10.055 | 2047   | 50.0 |
| unknown-05         | 9.708  | 20.1    | ug/L  | 821      | 2                     | 10.055 | 2047   | 50.0 |
| unknown-06         | 9.763  | 6.5     | ug/L  | 266      | 2                     | 10.055 | 2047   | 50.0 |
| unknown-07         | 10.762 | 7.9     | ug/L  | 323      | 2                     | 10.055 | 2047   | 50.0 |
| unknown-08         | 10.964 | 13.9    | ug/L  | 568      | 2                     | 10.055 | 2047   | 50.0 |
| Benzene, 1-chlo... | 11.366 | 45.1    | ug/L  | 610061   | 3                     | 12.024 | 675699 | 50.0 |
| Benzene, 1-chlo... | 11.457 | 8.7     | ug/L  | 117396   | 3                     | 12.024 | 675699 | 50.0 |
| Benzene, 1,2-di... | 13.067 | 8.9     | ug/L  | 119876   | 3                     | 12.024 | 675699 | 50.0 |