

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072022\  
 Data File : VN073531.D  
 Acq On : 20 Jul 2022 18:56  
 Operator : JC\MD  
 Sample : N3760-06  
 Misc : 2.46g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 AUD-1606

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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\_N\methods\82N062822W.M  
 Title : SW846 8260

Signal : TIC: VN073531.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         | 8.004       | 1019          | 1040        | 1048         | rBV3     | 361034         | 1521004       | 3.48%           | 0.340%        |
| 2         | 8.210       | 1065          | 1075        | 1083         | rBV      | 209961         | 490020        | 1.12%           | 0.110%        |
| 3         | 8.745       | 1157          | 1166        | 1176         | rBV      | 386533         | 781311        | 1.79%           | 0.175%        |
| 4         | 8.898       | 1183          | 1192        | 1203         | rBV      | 452987         | 954403        | 2.18%           | 0.213%        |
| 5         | 9.386       | 1259          | 1275        | 1282         | rBV      | 894589         | 2214513       | 5.06%           | 0.495%        |
| 6         | 9.663       | 1312          | 1322        | 1333         | rVB      | 262270         | 590943        | 1.35%           | 0.132%        |
| 7         | 9.804       | 1337          | 1346        | 1360         | rVB2     | 362522         | 756930        | 1.73%           | 0.169%        |
| 8         | 10.010      | 1375          | 1381        | 1395         | rVB2     | 1005697        | 2397385       | 5.48%           | 0.536%        |
| 9         | 10.151      | 1395          | 1405        | 1418         | rVB      | 729126         | 1783395       | 4.08%           | 0.399%        |
| 10        | 10.375      | 1435          | 1443        | 1448         | rBV2     | 1733754        | 3606365       | 8.24%           | 0.806%        |
| 11        | 10.445      | 1448          | 1455        | 1461         | rVB      | 2264018        | 4568939       | 10.44%          | 1.021%        |
| 12        | 10.557      | 1467          | 1474        | 1484         | rVB      | 3476931        | 6322273       | 14.45%          | 1.413%        |
| 13        | 10.675      | 1484          | 1494        | 1497         | rBV2     | 302306         | 599576        | 1.37%           | 0.134%        |
| 14        | 10.716      | 1497          | 1501        | 1510         | rVB      | 746209         | 1347105       | 3.08%           | 0.301%        |
| 15        | 10.816      | 1510          | 1518        | 1523         | rBV2     | 405263         | 893335        | 2.04%           | 0.200%        |
| 16        | 10.898      | 1528          | 1532        | 1538         | rVB      | 329570         | 547447        | 1.25%           | 0.122%        |
| 17        | 10.992      | 1538          | 1548        | 1554         | rBV      | 1050282        | 1832393       | 4.19%           | 0.410%        |
| 18        | 11.092      | 1559          | 1565        | 1572         | rBV      | 368472         | 734131        | 1.68%           | 0.164%        |
| 19        | 11.163      | 1572          | 1577        | 1580         | rBV2     | 458934         | 742914        | 1.70%           | 0.166%        |
| 20        | 11.233      | 1580          | 1589        | 1593         | rVV      | 1463326        | 2824689       | 6.46%           | 0.631%        |
| 21        | 11.286      | 1593          | 1598        | 1604         | rVB      | 1882385        | 3378770       | 7.72%           | 0.755%        |
| 22        | 11.392      | 1610          | 1616        | 1620         | rBV3     | 1088884        | 1966680       | 4.50%           | 0.440%        |
| 23        | 11.469      | 1620          | 1629        | 1640         | rVB3     | 2285822        | 6311911       | 14.43%          | 1.411%        |
| 24        | 11.569      | 1640          | 1646        | 1651         | rBV      | 2375700        | 3840309       | 8.78%           | 0.858%        |
| 25        | 11.686      | 1660          | 1666        | 1670         | rBV      | 619540         | 1107161       | 2.53%           | 0.247%        |
| 26        | 11.786      | 1676          | 1683        | 1687         | rBV2     | 1429643        | 2667799       | 6.10%           | 0.596%        |
| 27        | 11.898      | 1691          | 1702        | 1711         | rBV3     | 10445644       | 21072988      | 48.17%          | 4.709%        |
| 28        | 11.969      | 1711          | 1714        | 1720         | rVB2     | 1401299        | 2371679       | 5.42%           | 0.530%        |
| 29        | 12.033      | 1720          | 1725        | 1731         | rBV3     | 480260         | 1025684       | 2.34%           | 0.229%        |
| 30        | 12.116      | 1731          | 1739        | 1744         | rVB3     | 471242         | 1062836       | 2.43%           | 0.238%        |
| 31        | 12.198      | 1744          | 1753        | 1755         | rBV3     | 2260435        | 4663796       | 10.66%          | 1.042%        |
| 32        | 12.310      | 1764          | 1772        | 1777         | rVB      | 3201835        | 5012078       | 11.46%          | 1.120%        |
| 33        | 12.357      | 1777          | 1780        | 1781         | rBV2     | 399870         | 451683        | 1.03%           | 0.101%        |
| 34        | 12.398      | 1781          | 1787        | 1788         | rBV2     | 2096053        | 3124371       | 7.14%           | 0.698%        |
| 35        | 12.427      | 1789          | 1792        | 1803         | rVB5     | 3442019        | 7540790       | 17.24%          | 1.685%        |
| 36        | 12.516      | 1803          | 1807        | 1811         | rBV3     | 910881         | 1906911       | 4.36%           | 0.426%        |

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 Sample : N3760-06  
 Misc : 2.46g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 AUD-1606

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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\_N\methods\82N062822W.M  
 Title : SW846 8260

|    |        |      |      |      |      |          |          |         |        |
|----|--------|------|------|------|------|----------|----------|---------|--------|
| 37 | 12.568 | 1812 | 1816 | 1818 | rBV4 | 750237   | 1265319  | 2.89%   | 0.283% |
| 38 | 12.598 | 1818 | 1821 | 1824 | rBV  | 1843146  | 2364689  | 5.41%   | 0.528% |
| 39 | 12.674 | 1830 | 1834 | 1837 | rBV2 | 1017639  | 1701867  | 3.89%   | 0.380% |
| 40 | 12.710 | 1837 | 1840 | 1844 | rVB  | 2391983  | 3034373  | 6.94%   | 0.678% |
| 41 | 12.757 | 1844 | 1848 | 1853 | rBV4 | 492118   | 734044   | 1.68%   | 0.164% |
| 42 | 12.839 | 1857 | 1862 | 1870 | rVB2 | 2454599  | 5782247  | 13.22%  | 1.292% |
| 43 | 12.921 | 1870 | 1876 | 1880 | rBV2 | 4348765  | 8051303  | 18.40%  | 1.799% |
| 44 | 12.992 | 1880 | 1888 | 1894 | rVB  | 21920818 | 36912179 | 84.37%  | 8.249% |
| 45 | 13.051 | 1894 | 1898 | 1903 | rVB2 | 2436810  | 4115883  | 9.41%   | 0.920% |
| 46 | 13.104 | 1903 | 1907 | 1908 | rBV3 | 461198   | 572302   | 1.31%   | 0.128% |
| 47 | 13.145 | 1908 | 1914 | 1915 | rBV3 | 1741591  | 2715619  | 6.21%   | 0.607% |
| 48 | 13.227 | 1923 | 1928 | 1935 | rVB  | 7141289  | 11205499 | 25.61%  | 2.504% |
| 49 | 13.310 | 1935 | 1942 | 1947 | rBV  | 7483158  | 12728682 | 29.09%  | 2.845% |
| 50 | 13.351 | 1947 | 1949 | 1954 | rVB  | 797674   | 989606   | 2.26%   | 0.221% |
| 51 | 13.410 | 1955 | 1959 | 1961 | rBV2 | 1681589  | 2476914  | 5.66%   | 0.554% |
| 52 | 13.504 | 1968 | 1975 | 1979 | rBV4 | 6033063  | 12511772 | 28.60%  | 2.796% |
| 53 | 13.551 | 1979 | 1983 | 1986 | rVV3 | 3819048  | 6033113  | 13.79%  | 1.348% |
| 54 | 13.580 | 1986 | 1988 | 1991 | rVV  | 1859523  | 2329982  | 5.33%   | 0.521% |
| 55 | 13.615 | 1991 | 1994 | 1996 | rVV  | 3364312  | 4143393  | 9.47%   | 0.926% |
| 56 | 13.645 | 1996 | 1999 | 2003 | rVB  | 3411216  | 4769144  | 10.90%  | 1.066% |
| 57 | 13.686 | 2003 | 2006 | 2007 | rBV2 | 2446642  | 2511086  | 5.74%   | 0.561% |
| 58 | 13.710 | 2007 | 2010 | 2015 | rVB  | 5029323  | 7051433  | 16.12%  | 1.576% |
| 59 | 13.768 | 2015 | 2020 | 2022 | rBV2 | 839100   | 1640315  | 3.75%   | 0.367% |
| 60 | 13.810 | 2023 | 2027 | 2031 | rVB2 | 3474134  | 4613096  | 10.54%  | 1.031% |
| 61 | 13.857 | 2031 | 2035 | 2038 | rBV2 | 2629268  | 4424118  | 10.11%  | 0.989% |
| 62 | 13.939 | 2043 | 2049 | 2054 | rVV  | 28133158 | 43749128 | 100.00% | 9.777% |
| 63 | 13.980 | 2054 | 2056 | 2058 | rVV2 | 2911872  | 3857324  | 8.82%   | 0.862% |
| 64 | 14.010 | 2059 | 2061 | 2065 | rVV  | 3423655  | 5941421  | 13.58%  | 1.328% |
| 65 | 14.098 | 2068 | 2076 | 2082 | rVV4 | 5734539  | 17932978 | 40.99%  | 4.008% |
| 66 | 14.157 | 2082 | 2086 | 2090 | rVV  | 5283534  | 9577116  | 21.89%  | 2.140% |
| 67 | 14.198 | 2090 | 2093 | 2099 | rVV2 | 2873994  | 5005987  | 11.44%  | 1.119% |
| 68 | 14.263 | 2099 | 2104 | 2110 | rVV2 | 5000502  | 9694857  | 22.16%  | 2.167% |
| 69 | 14.327 | 2110 | 2115 | 2121 | rVV5 | 2234480  | 6200950  | 14.17%  | 1.386% |
| 70 | 14.410 | 2121 | 2129 | 2130 | rVV4 | 3862498  | 8061067  | 18.43%  | 1.801% |
| 71 | 14.451 | 2132 | 2136 | 2140 | rVV3 | 6791675  | 14012014 | 32.03%  | 3.131% |
| 72 | 14.486 | 2140 | 2142 | 2145 | rVV4 | 3798949  | 6053004  | 13.84%  | 1.353% |
| 73 | 14.515 | 2145 | 2147 | 2151 | rVV  | 4282288  | 6312757  | 14.43%  | 1.411% |
| 74 | 14.562 | 2151 | 2155 | 2158 | rVV  | 3682051  | 5602450  | 12.81%  | 1.252% |
| 75 | 14.604 | 2158 | 2162 | 2169 | rVV3 | 3128787  | 6512621  | 14.89%  | 1.455% |
| 76 | 14.662 | 2169 | 2172 | 2174 | rVV2 | 1151316  | 1737196  | 3.97%   | 0.388% |

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 AUD-1606

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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\_N\methods\82N062822W.M  
 Title : SW846 8260

|    |        |      |      |      |      |         |          |        |        |
|----|--------|------|------|------|------|---------|----------|--------|--------|
| 77 | 14.704 | 2175 | 2179 | 2183 | rVV  | 2519236 | 4391502  | 10.04% | 0.981% |
| 78 | 14.786 | 2183 | 2193 | 2199 | rVV5 | 5848183 | 13525028 | 30.91% | 3.023% |
| 79 | 14.851 | 2199 | 2204 | 2212 | rVV3 | 6701437 | 15751483 | 36.00% | 3.520% |
| 80 | 14.921 | 2213 | 2216 | 2222 | rVB2 | 1414500 | 2249997  | 5.14%  | 0.503% |
| 81 | 15.021 | 2229 | 2233 | 2240 | rVB  | 1368985 | 2299190  | 5.26%  | 0.514% |
| 82 | 15.133 | 2247 | 2252 | 2255 | rBV3 | 1022547 | 1654439  | 3.78%  | 0.370% |
| 83 | 15.239 | 2265 | 2270 | 2277 | rVB4 | 1258083 | 2873320  | 6.57%  | 0.642% |
| 84 | 15.392 | 2291 | 2296 | 2298 | rBV3 | 328883  | 577294   | 1.32%  | 0.129% |
| 85 | 15.433 | 2299 | 2303 | 2309 | rVB  | 1224128 | 2094644  | 4.79%  | 0.468% |
| 86 | 15.539 | 2317 | 2321 | 2329 | rBV2 | 352112  | 691227   | 1.58%  | 0.154% |
| 87 | 15.627 | 2332 | 2336 | 2345 | rVB2 | 592769  | 1189299  | 2.72%  | 0.266% |
| 88 | 15.733 | 2346 | 2354 | 2361 | rBV6 | 159942  | 449557   | 1.03%  | 0.100% |
| 89 | 15.939 | 2385 | 2389 | 2396 | rVB  | 258095  | 502300   | 1.15%  | 0.112% |
| 90 | 16.592 | 2494 | 2500 | 2508 | rVB  | 662566  | 1274492  | 2.91%  | 0.285% |

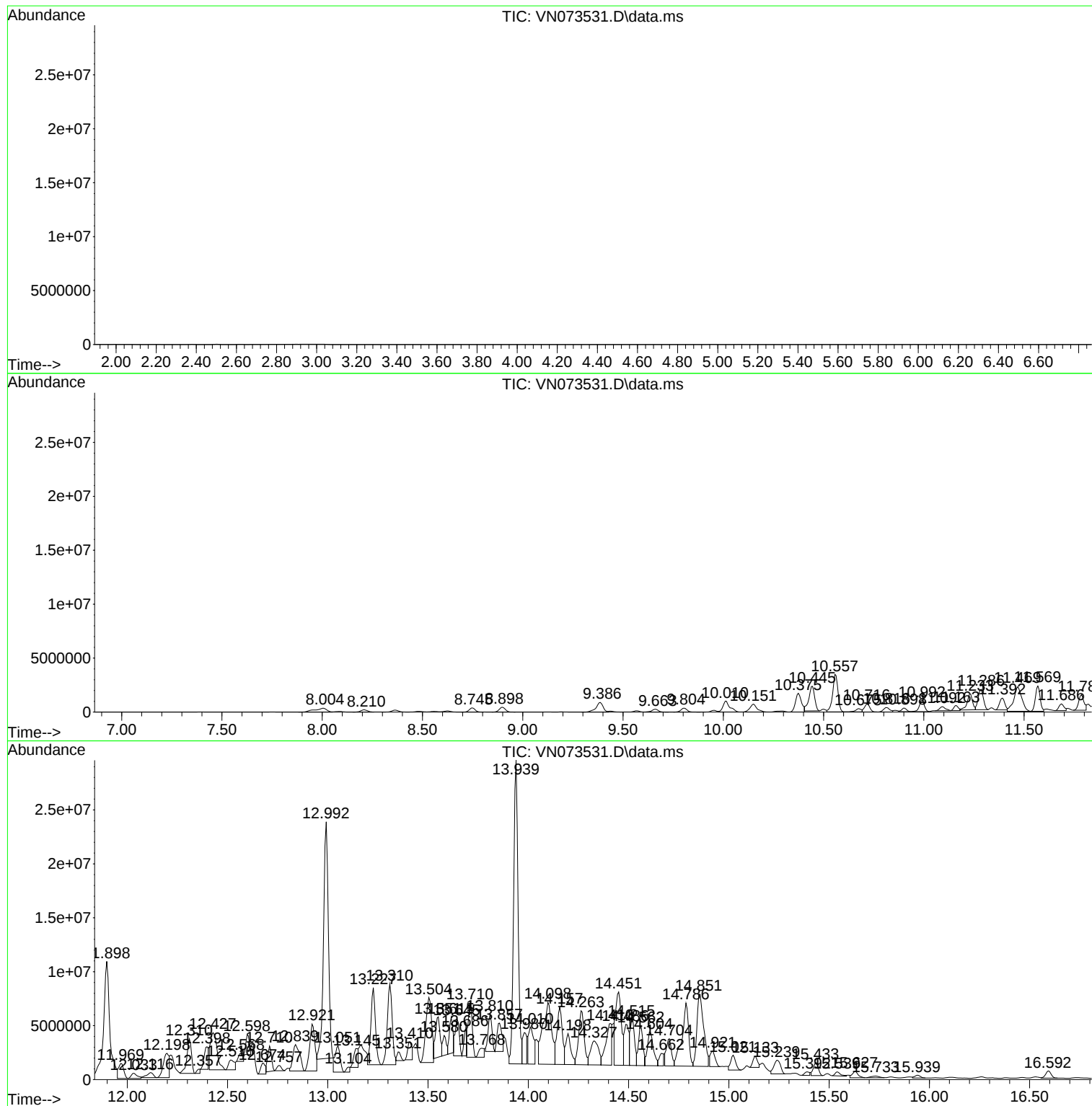
Sum of corrected areas: 447467137

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072022\  
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Instrument :  
MSVOA\_N  
ClientSampleId :  
AUD-1606

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072022\  
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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
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AUD-1606

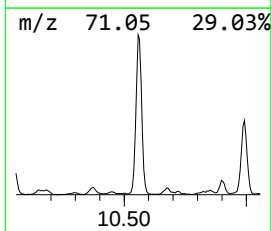
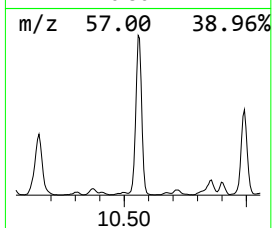
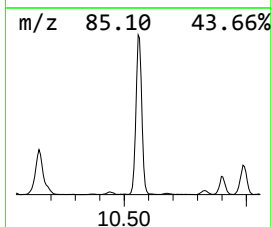
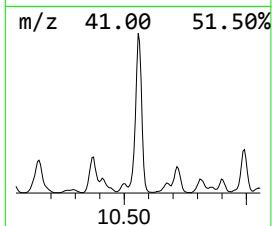
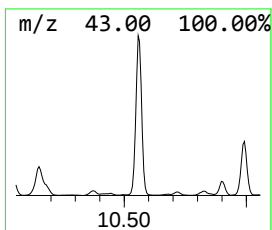
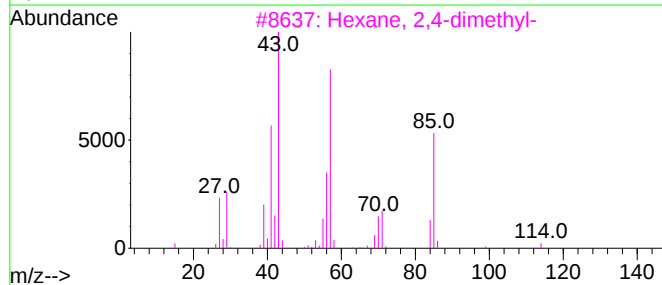
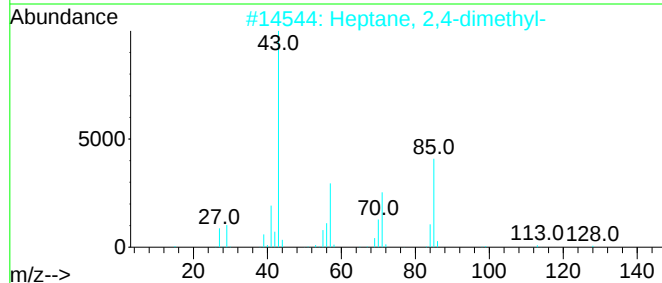
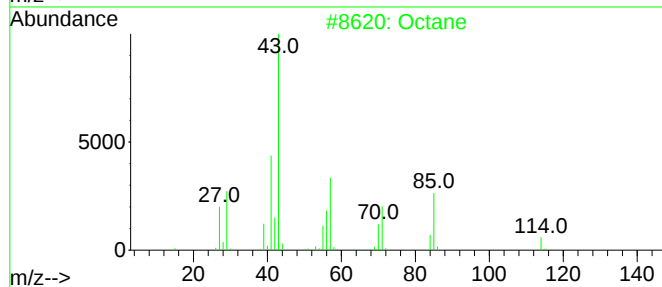
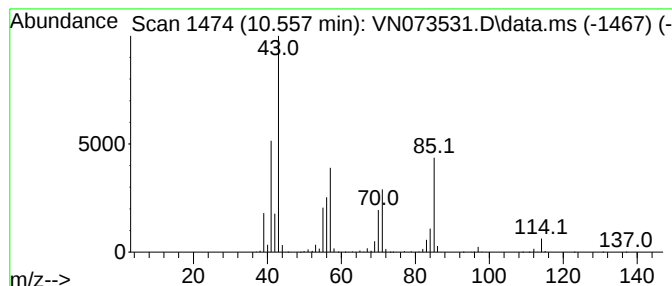
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
Quant Title : SW846 8260

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

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

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 10.557 | 285.52 ug/l | 6322270 | Chlorobenzene-d5 | 11.686 |

| Hit# | of 5 | Tentative ID                  | MW  | MolForm  | CAS#         | Qual |
|------|------|-------------------------------|-----|----------|--------------|------|
| 1    |      | Octane                        | 114 | C8H18    | 000111-65-9  | 91   |
| 2    |      | Heptane, 2,4-dimethyl-        | 128 | C9H20    | 002213-23-2  | 80   |
| 3    |      | Hexane, 2,4-dimethyl-         | 114 | C8H18    | 000589-43-5  | 72   |
| 4    |      | Oxalic acid, diisohexyl ester | 258 | C14H26O4 | 1010309-32-9 | 53   |
| 5    |      | Undecane, 2,4-dimethyl-       | 184 | C13H28   | 017312-80-0  | 53   |



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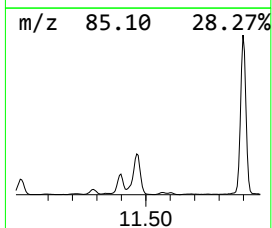
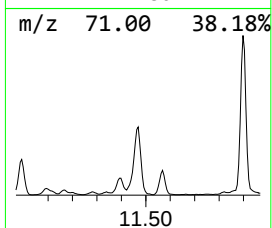
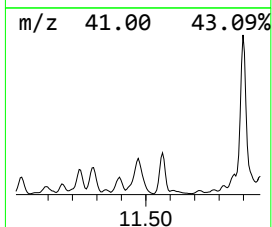
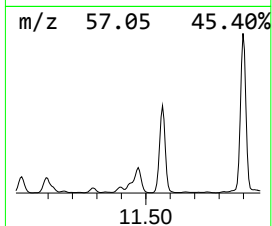
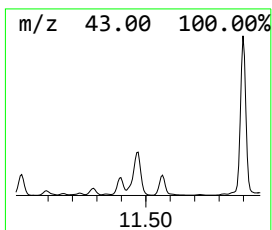
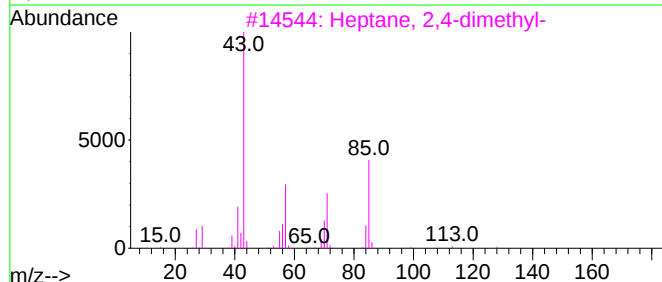
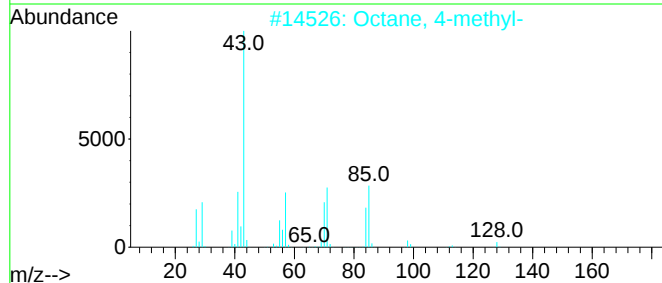
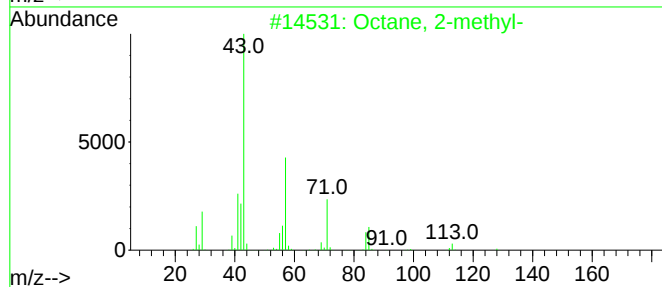
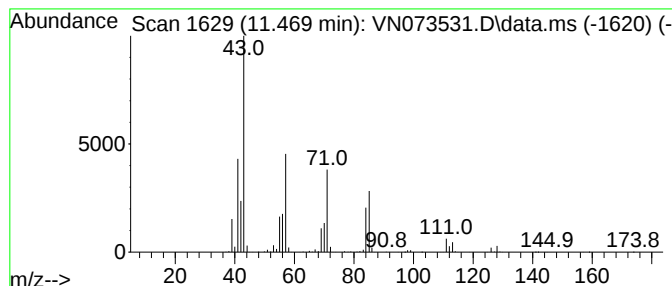
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 2 Octane, 2-methyl- Concentration Rank 4

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 11.469 | 285.05 ug/l | 6311910 | Chlorobenzene-d5 | 11.686 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Octane, 2-methyl-      | 128 | C9H20   | 003221-61-2 | 64   |
| 2    |    |   | Octane, 4-methyl-      | 128 | C9H20   | 002216-34-4 | 59   |
| 3    |    |   | Heptane, 2,4-dimethyl- | 128 | C9H20   | 002213-23-2 | 53   |
| 4    |    |   | Decane                 | 142 | C10H22  | 000124-18-5 | 53   |
| 5    |    |   | Ether, hexyl pentyl    | 172 | C11H24O | 032357-83-8 | 53   |



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ClientSampleId :  
AUD-1606

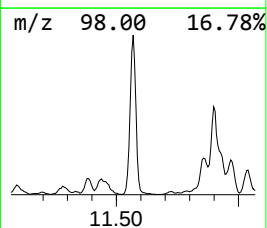
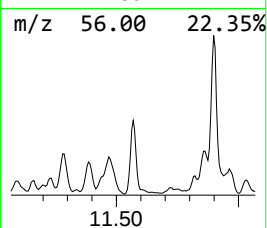
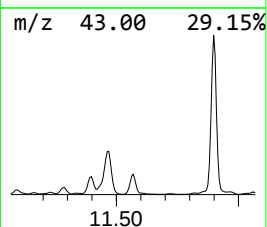
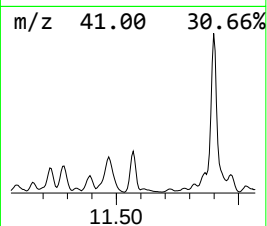
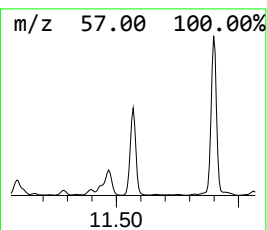
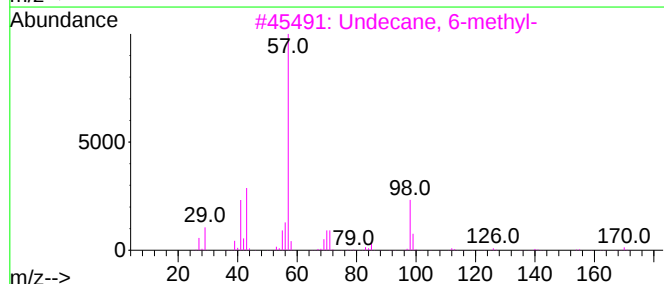
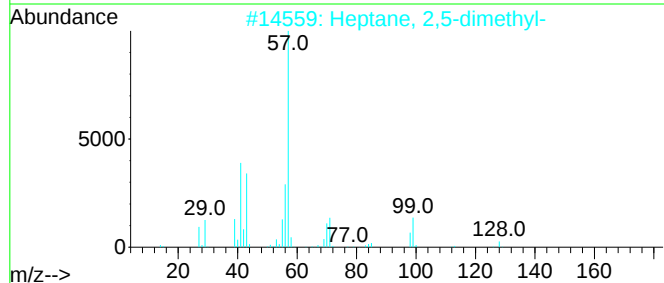
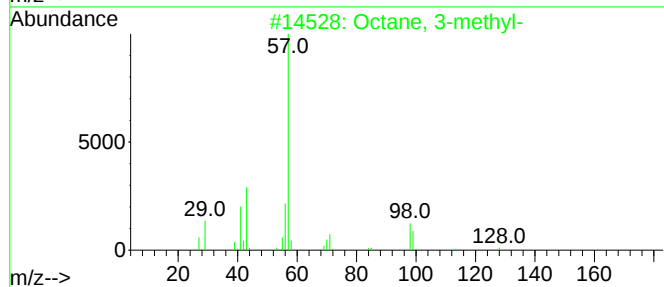
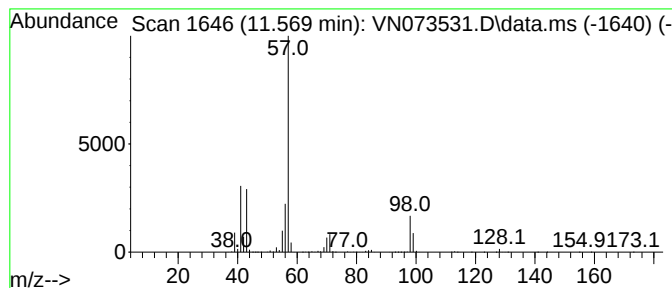
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 3 Octane, 3-methyl- Concentration Rank 8

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 11.569 | 173.43 ug/l | 3840310 | Chlorobenzene-d5 | 11.686 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Octane, 3-methyl-                | 128 | C9H20   | 002216-33-3 | 91   |
| 2    |    |   | Heptane, 2,5-dimethyl-           | 128 | C9H20   | 002216-30-0 | 81   |
| 3    |    |   | Undecane, 6-methyl-              | 170 | C12H26  | 017302-33-9 | 64   |
| 4    |    |   | Heptane, 4-(1-methylethyl)-      | 142 | C10H22  | 052896-87-4 | 59   |
| 5    |    |   | Butane, 1-chloro-2-methyl-, (S)- | 106 | C5H11Cl | 040560-29-0 | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072022\  
Data File : VN073531.D  
Acq On : 20 Jul 2022 18:56  
Operator : JC\MD  
Sample : N3760-06  
Misc : 2.46g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
AUD-1606

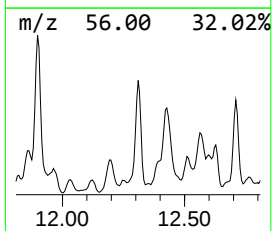
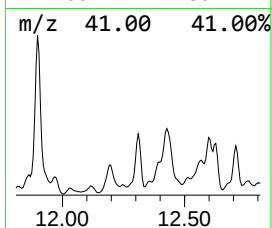
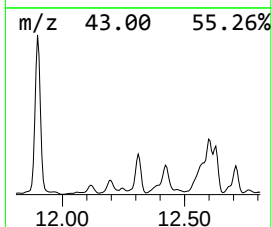
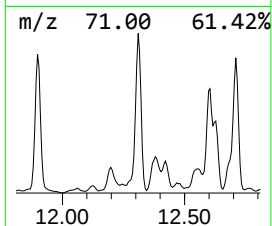
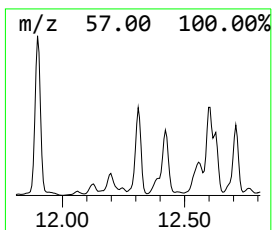
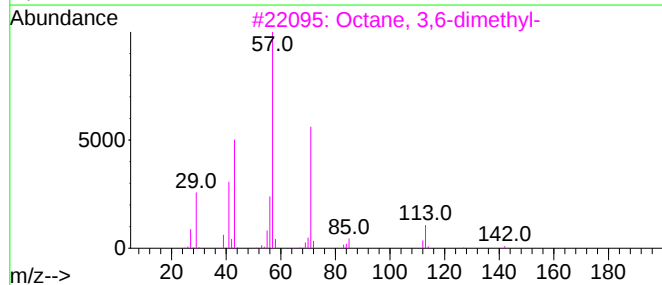
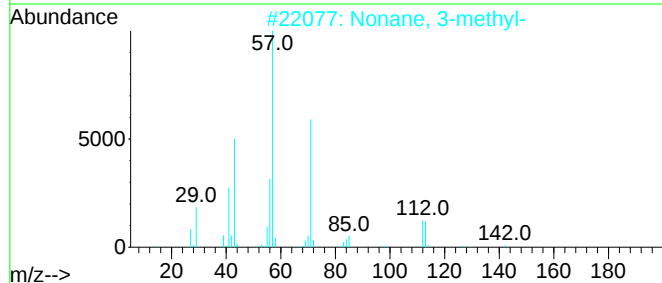
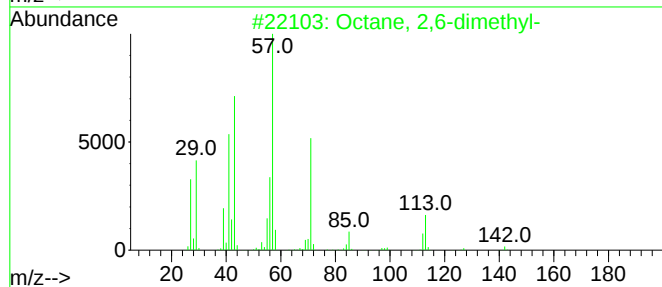
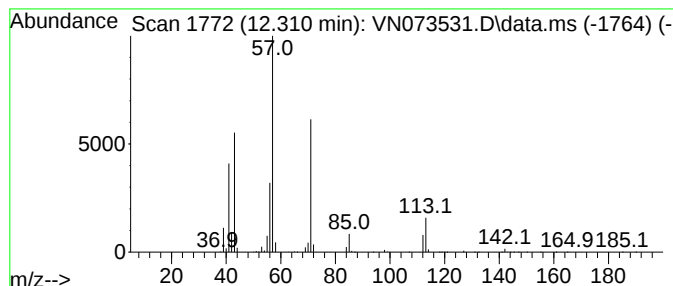
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Quant Title : SW846 8260

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

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Peak Number 4 Octane, 2,6-dimethyl- Concentration Rank 5

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 12.310 | 226.35 ug/l | 5012080 | Chlorobenzene-d5 | 11.686 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Octane, 2,6-dimethyl-               | 142 | C10H22    | 002051-30-1  | 90   |
| 2    |    |   | Nonane, 3-methyl-                   | 142 | C10H22    | 005911-04-6  | 90   |
| 3    |    |   | Octane, 3,6-dimethyl-               | 142 | C10H22    | 015869-94-0  | 87   |
| 4    |    |   | Sulfurous acid, 2-ethylhexyl hex... | 418 | C24H50O3S | 1000309-19-9 | 72   |
| 5    |    |   | Sulfurous acid, 2-ethylhexyl hex... | 278 | C14H30O3S | 1000309-20-2 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072022\  
Data File : VN073531.D  
Acq On : 20 Jul 2022 18:56  
Operator : JC\MD  
Sample : N3760-06  
Misc : 2.46g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
AUD-1606

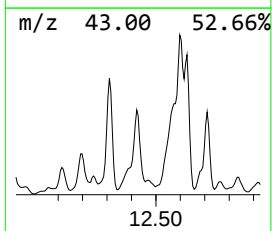
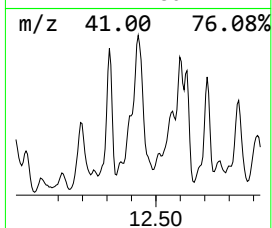
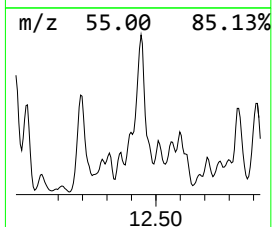
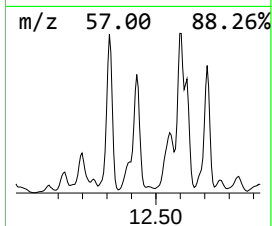
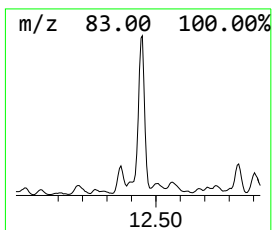
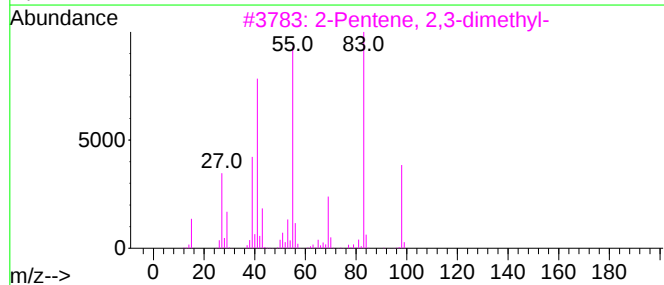
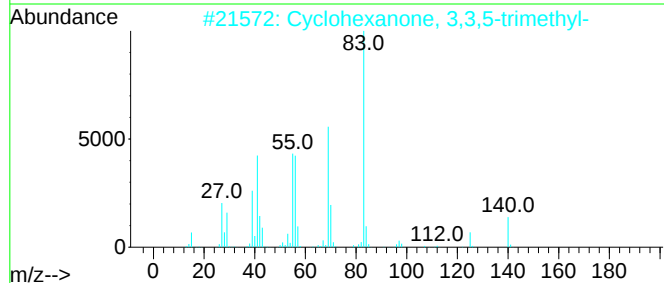
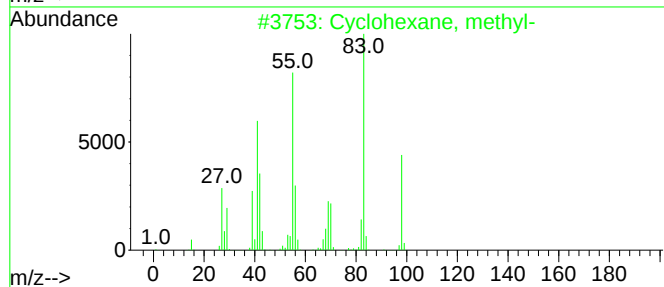
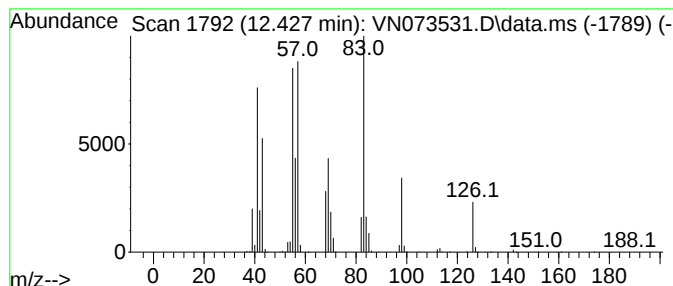
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Quant Title : SW846 8260

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

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Peak Number 5 Cyclohexane, methyl- Concentration Rank 2

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 12.427 | 340.55 ug/l | 7540790 | Chlorobenzene-d5 | 11.686 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, methyl-            | 98  | C7H14   | 000108-87-2 | 53   |
| 2    |    |   | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O  | 000873-94-9 | 47   |
| 3    |    |   | 2-Pentene, 2,3-dimethyl-        | 98  | C7H14   | 010574-37-5 | 43   |
| 4    |    |   | 2-Pentene, 4,4-dimethyl-, (E)-  | 98  | C7H14   | 000690-08-4 | 43   |
| 5    |    |   | Cyclohexane, propyl-            | 126 | C9H18   | 001678-92-8 | 43   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072022\  
Data File : VN073531.D  
Acq On : 20 Jul 2022 18:56  
Operator : JC\MD  
Sample : N3760-06  
Misc : 2.46g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
AUD-1606

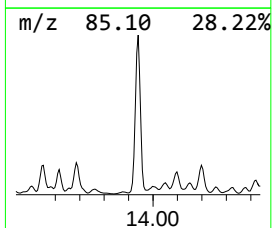
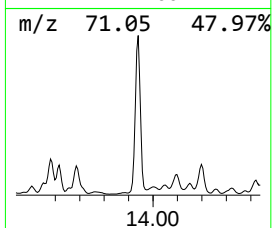
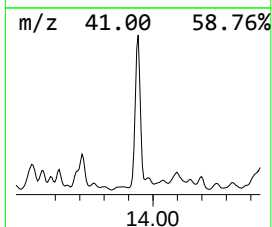
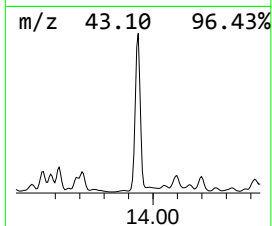
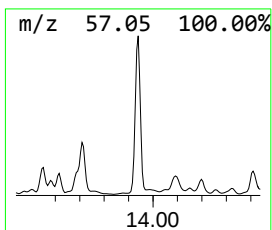
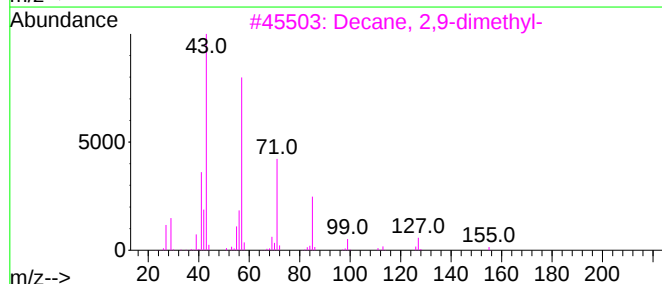
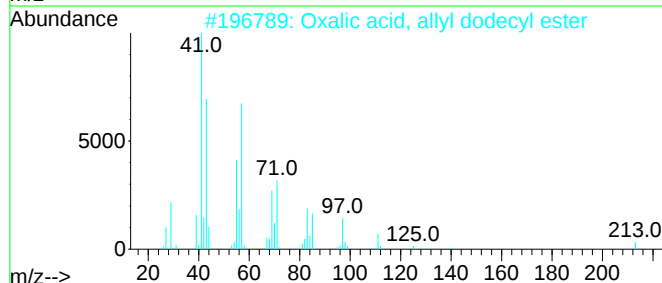
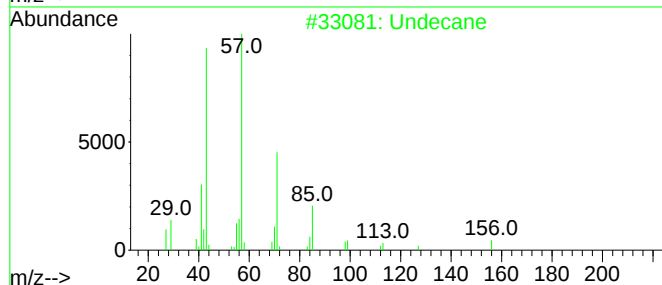
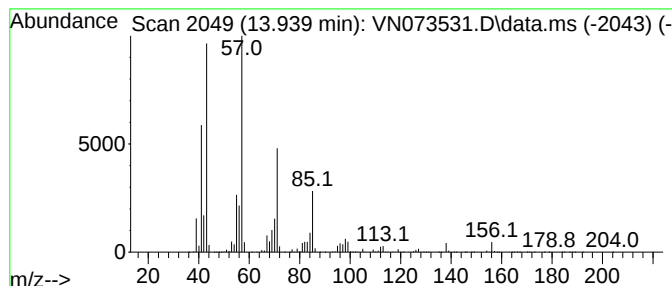
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Quant Title : SW846 8260

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

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Peak Number 6 Undecane Concentration Rank 1

| R.T.      | EstConc                          | Area     | Relative to ISTD       | R.T.         |      |
|-----------|----------------------------------|----------|------------------------|--------------|------|
| 13.939    | 527.94 ug/l                      | 43749100 | 1,4-Dichlorobenzene-d4 | 13.616       |      |
| Hit# of 5 | Tentative ID                     | MW       | MolForm                | CAS#         | Qual |
| 1         | Undecane                         | 156      | C11H24                 | 001120-21-4  | 87   |
| 2         | Oxalic acid, allyl dodecyl ester | 298      | C17H30O4               | 1000309-24-0 | 72   |
| 3         | Decane, 2,9-dimethyl-            | 170      | C12H26                 | 001002-17-1  | 64   |
| 4         | Tridecane                        | 184      | C13H28                 | 000629-50-5  | 59   |
| 5         | Hexadecane                       | 226      | C16H34                 | 000544-76-3  | 59   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072022\  
Data File : VN073531.D  
Acq On : 20 Jul 2022 18:56  
Operator : JC\MD  
Sample : N3760-06  
Misc : 2.46g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
AUD-1606

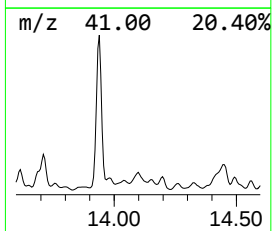
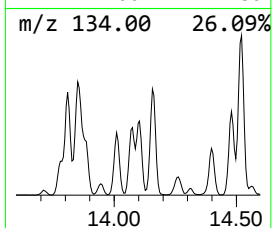
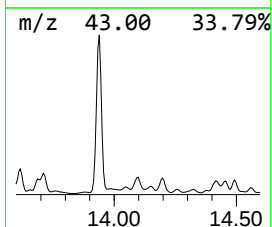
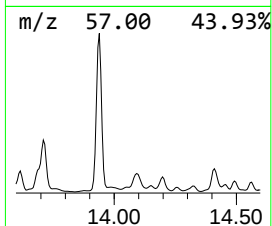
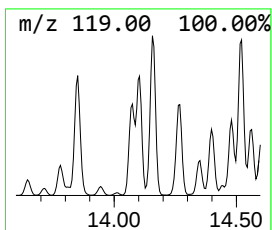
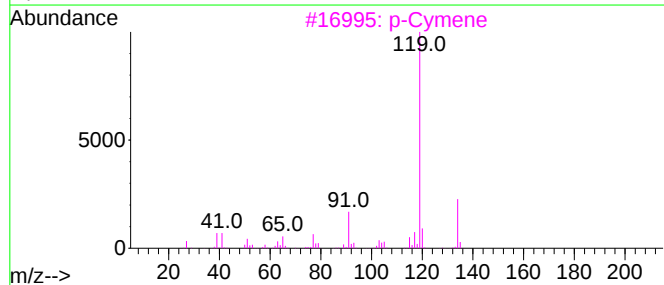
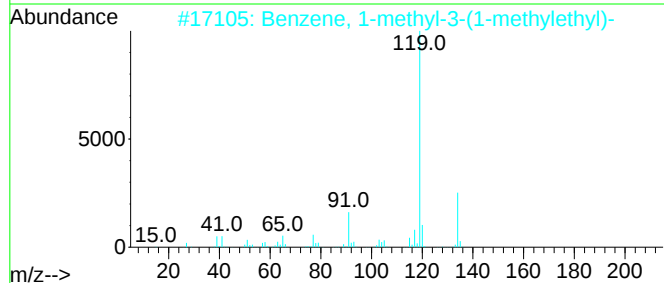
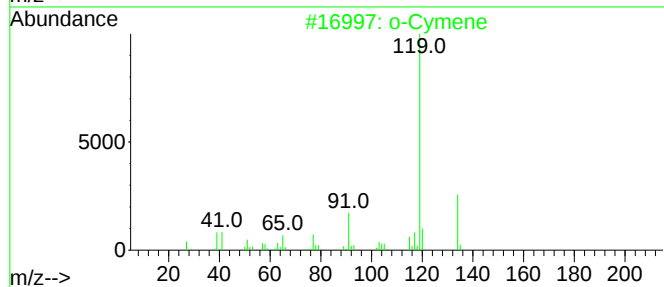
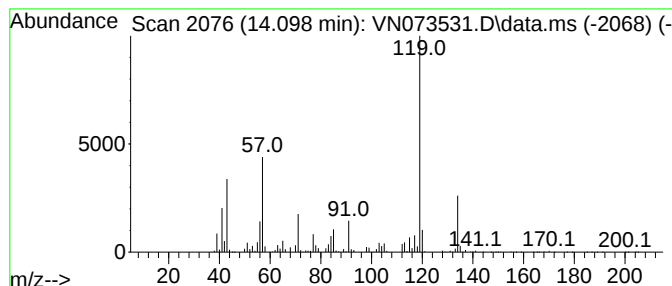
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Quant Title : SW846 8260

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

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Peak Number 7 o-Cymene Concentration Rank 6

| R.T.   | EstConc     | Area     | Relative to ISTD       | R.T.   |
|--------|-------------|----------|------------------------|--------|
| 14.098 | 216.41 ug/l | 17933000 | 1,4-Dichlorobenzene-d4 | 13.616 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|---------|-------------|------|
| 1    |    |   | o-Cymene                             | 134 | C10H14  | 000527-84-4 | 95   |
| 2    |    |   | Benzene, 1-methyl-3-(1-methylethyl)- | 134 | C10H14  | 000535-77-3 | 94   |
| 3    |    |   | p-Cymene                             | 134 | C10H14  | 000099-87-6 | 90   |
| 4    |    |   | Benzene, 1,2,3,4-tetramethyl-        | 134 | C10H14  | 000488-23-3 | 81   |
| 5    |    |   | Benzene, 2-ethyl-1,3-dimethyl-       | 134 | C10H14  | 002870-04-4 | 81   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072022\  
Data File : VN073531.D  
Acq On : 20 Jul 2022 18:56  
Operator : JC\MD  
Sample : N3760-06  
Misc : 2.46g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
AUD-1606

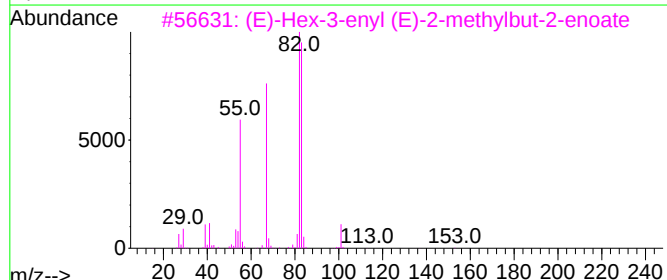
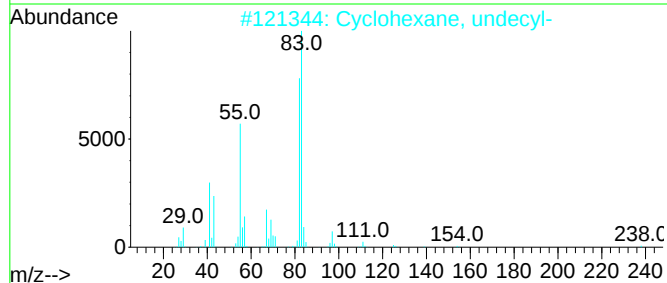
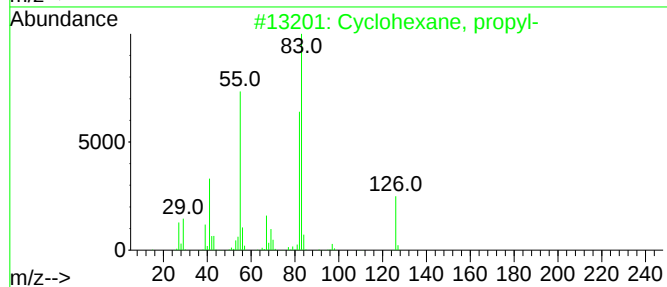
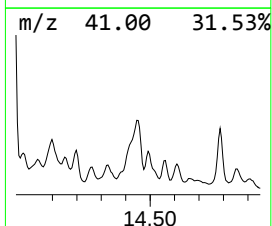
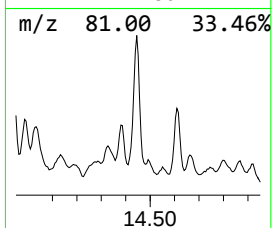
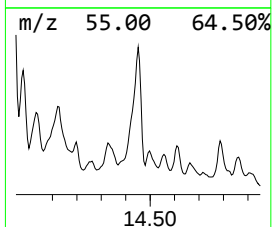
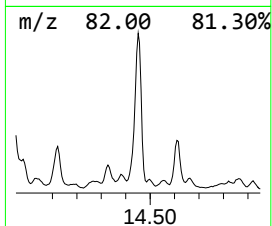
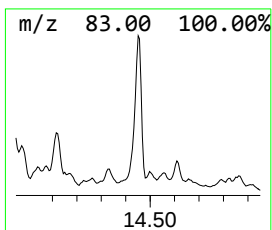
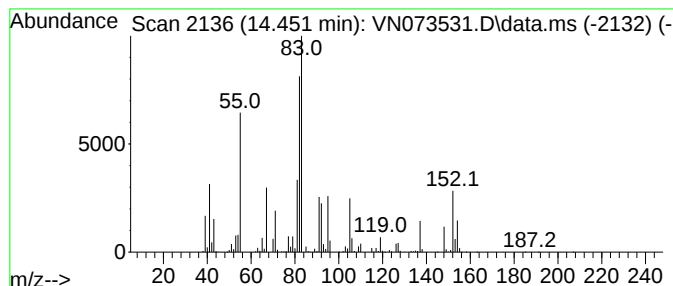
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Quant Title : SW846 8260

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

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Peak Number 8 unknown14.451 Concentration Rank 9

| R.T.   | EstConc     | Area     | Relative to ISTD       | R.T.   |
|--------|-------------|----------|------------------------|--------|
| 14.451 | 169.09 ug/l | 14012000 | 1,4-Dichlorobenzene-d4 | 13.616 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Cyclohexane, propyl-                | 126 | C9H18    | 001678-92-8 | 43   |
| 2    |    |   | Cyclohexane, undecyl-               | 238 | C17H34   | 054105-66-7 | 43   |
| 3    |    |   | (E)-Hex-3-enyl (E)-2-methylbut-2... | 182 | C11H18O2 | 120603-00-1 | 43   |
| 4    |    |   | (Z)-Hex-3-enyl (E)-2-methylbut-2... | 182 | C11H18O2 | 067883-79-8 | 43   |
| 5    |    |   | Cyclohexane, pentyl-                | 154 | C11H22   | 004292-92-6 | 43   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072022\  
Data File : VN073531.D  
Acq On : 20 Jul 2022 18:56  
Operator : JC\MD  
Sample : N3760-06  
Misc : 2.46g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
AUD-1606

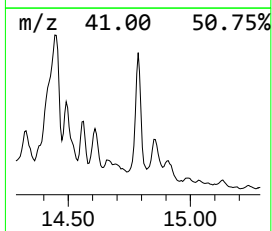
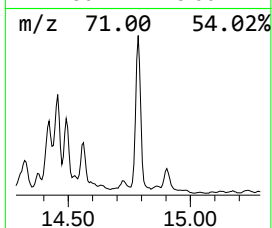
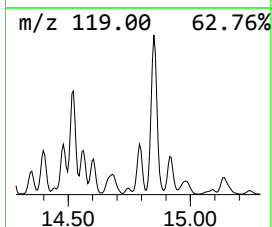
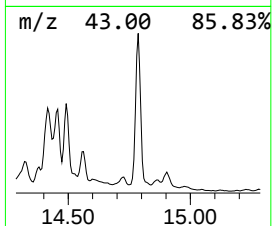
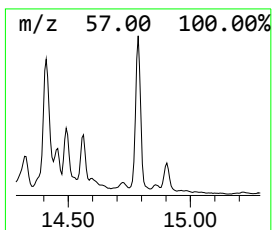
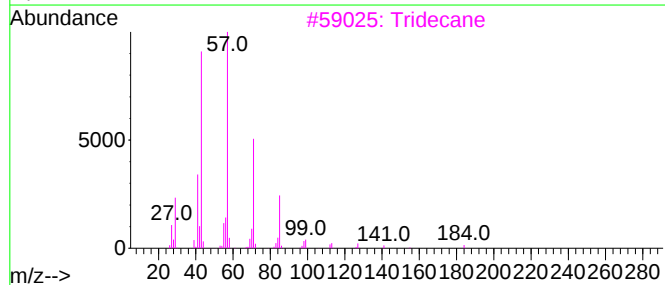
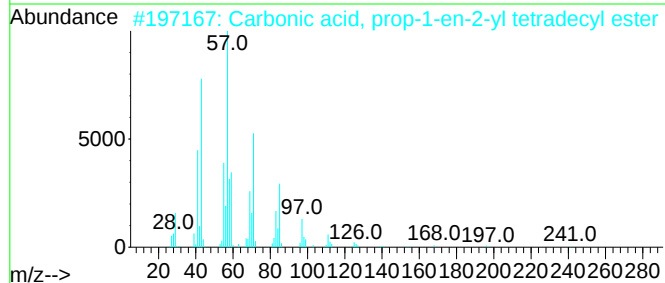
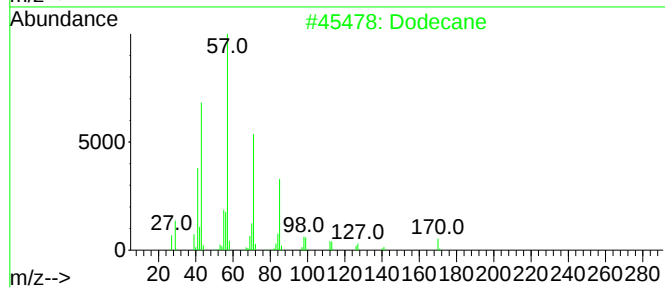
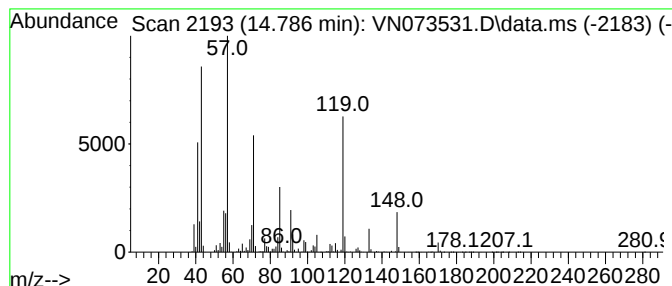
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
Quant Title : SW846 8260

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

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Peak Number 9 Dodecane Concentration Rank 10

| R.T.   | EstConc     | Area     | Relative to ISTD       | R.T.   |
|--------|-------------|----------|------------------------|--------|
| 14.786 | 163.21 ug/l | 13525000 | 1,4-Dichlorobenzene-d4 | 13.616 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Dodecane                            | 170 | C12H26   | 000112-40-3  | 92   |
| 2    |    |   | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3 | 1000382-90-9 | 46   |
| 3    |    |   | Tridecane                           | 184 | C13H28   | 000629-50-5  | 43   |
| 4    |    |   | Undecane                            | 156 | C11H24   | 001120-21-4  | 43   |
| 5    |    |   | Nonane                              | 128 | C9H20    | 000111-84-2  | 42   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072022\  
Data File : VN073531.D  
Acq On : 20 Jul 2022 18:56  
Operator : JC\MD  
Sample : N3760-06  
Misc : 2.46g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
AUD-1606

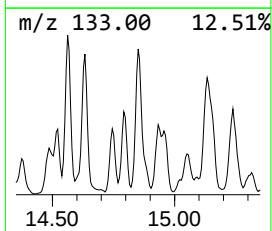
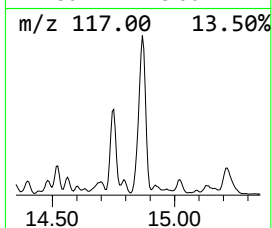
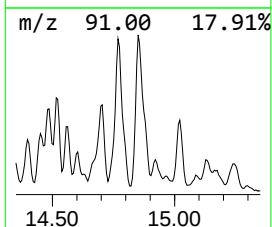
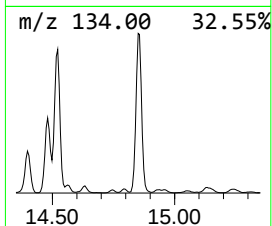
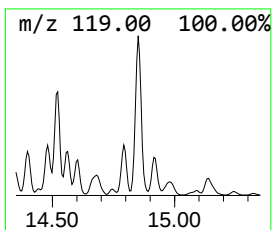
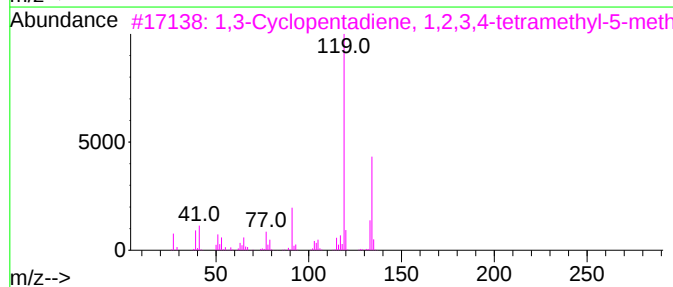
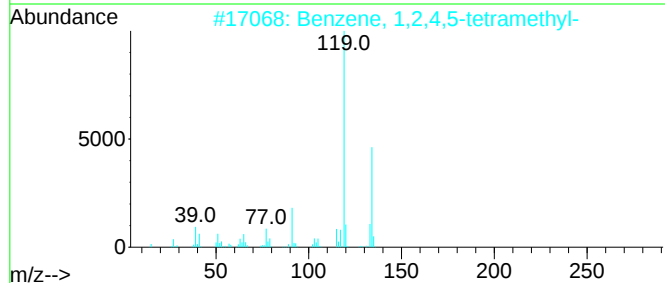
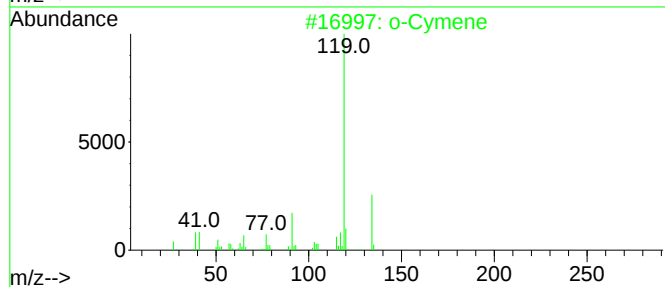
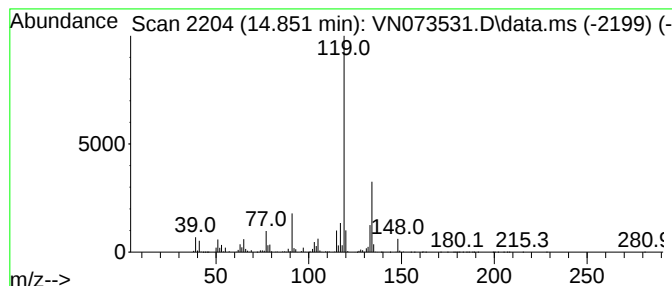
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
Quant Title : SW846 8260

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

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Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

| R.T.   | EstConc     | Area     | Relative to ISTD       | R.T.   |
|--------|-------------|----------|------------------------|--------|
| 14.851 | 190.08 ug/l | 15751500 | 1,4-Dichlorobenzene-d4 | 13.616 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 95   |
| 2    |    |   | Benzene, 1,2,4,5-tetramethyl-       | 134 | C10H14  | 000095-93-2 | 93   |
| 3    |    |   | 1,3-Cyclopentadiene, 1,2,3,4-tet... | 134 | C10H14  | 076089-59-3 | 93   |
| 4    |    |   | Benzene, 4-ethyl-1,2-dimethyl-      | 134 | C10H14  | 000934-80-5 | 93   |
| 5    |    |   | Benzene, 1-ethyl-2,4-dimethyl-      | 134 | C10H14  | 000874-41-9 | 93   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072022\  
Data File : VN073531.D  
Acq On : 20 Jul 2022 18:56  
Operator : JC\MD  
Sample : N3760-06  
Misc : 2.46g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
AUD-1606

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
Quant Title : SW846 8260

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Octane             | 10.557 | 285.5   | ug/l  | 6322270  | 3                     | 11.686 | 1107160 | 50.0 |
| Octane, 2-methyl-  | 11.469 | 285.1   | ug/l  | 6311910  | 3                     | 11.686 | 1107160 | 50.0 |
| Octane, 3-methyl-  | 11.569 | 173.4   | ug/l  | 3840310  | 3                     | 11.686 | 1107160 | 50.0 |
| Octane, 2,6-dim... | 12.310 | 226.3   | ug/l  | 5012080  | 3                     | 11.686 | 1107160 | 50.0 |
| Cyclohexane, me... | 12.427 | 340.6   | ug/l  | 7540790  | 3                     | 11.686 | 1107160 | 50.0 |
| Undecane           | 13.939 | 527.9   | ug/l  | 43749100 | 4                     | 13.616 | 4143390 | 50.0 |
| o-Cymene           | 14.098 | 216.4   | ug/l  | 17933000 | 4                     | 13.616 | 4143390 | 50.0 |
| unknown14.451      | 14.451 | 169.1   | ug/l  | 14012000 | 4                     | 13.616 | 4143390 | 50.0 |
| Dodecane           | 14.786 | 163.2   | ug/l  | 13525000 | 4                     | 13.616 | 4143390 | 50.0 |
| Benzene, 1,2,4,... | 14.851 | 190.1   | ug/l  | 15751500 | 4                     | 13.616 | 4143390 | 50.0 |