

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082020\  
 Data File : VX018025.D  
 Acq On : 20 Aug 2020 11:23  
 Operator : JC/SP  
 Sample : L3712-15  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VB-25860

## Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
 Title : SW846 8260

Signal : TIC

| 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         | 1.288       | 29            | 33          | 37           | rBV      | 60548          | 53179         | 2.54%           | 0.163%        |
| 2         | 1.477       | 60            | 64          | 68           | rBV      | 26929          | 28095         | 1.34%           | 0.086%        |
| 3         | 1.782       | 109           | 114         | 120          | rVB2     | 27836          | 41085         | 1.96%           | 0.126%        |
| 4         | 2.416       | 213           | 218         | 233          | rVB      | 398573         | 702864        | 33.52%          | 2.152%        |
| 5         | 2.581       | 237           | 245         | 252          | rVB      | 105570         | 188607        | 9.00%           | 0.577%        |
| 6         | 3.014       | 309           | 316         | 328          | rVB      | 33470          | 86327         | 4.12%           | 0.264%        |
| 7         | 4.641       | 575           | 583         | 592          | rBV3     | 25715          | 72932         | 3.48%           | 0.223%        |
| 8         | 5.470       | 704           | 719         | 732          | rBV2     | 268550         | 778297        | 37.12%          | 2.383%        |
| 9         | 5.629       | 734           | 745         | 759          | rBV      | 464317         | 1274417       | 60.78%          | 3.901%        |
| 10        | 6.031       | 800           | 811         | 824          | rBV      | 298815         | 794200        | 37.88%          | 2.431%        |
| 11        | 6.714       | 914           | 923         | 929          | rBV2     | 14588          | 36606         | 1.75%           | 0.112%        |
| 12        | 6.830       | 932           | 942         | 958          | rBV      | 648616         | 1554686       | 74.15%          | 4.759%        |
| 13        | 7.513       | 1049          | 1054        | 1059         | rBV      | 25329          | 48448         | 2.31%           | 0.148%        |
| 14        | 7.635       | 1068          | 1074        | 1080         | rVB3     | 13708          | 25717         | 1.23%           | 0.079%        |
| 15        | 7.958       | 1119          | 1127        | 1133         | rBV2     | 34106          | 67259         | 3.21%           | 0.206%        |
| 16        | 8.549       | 1218          | 1224        | 1228         | rBV4     | 22116          | 36121         | 1.72%           | 0.111%        |
| 17        | 8.622       | 1231          | 1236        | 1241         | rVV      | 37448          | 55393         | 2.64%           | 0.170%        |
| 18        | 8.696       | 1241          | 1248        | 1255         | rVV      | 1388790        | 2096627       | 100.00%         | 6.418%        |
| 19        | 8.769       | 1255          | 1260        | 1266         | rVB      | 61517          | 103896        | 4.96%           | 0.318%        |
| 20        | 9.073       | 1306          | 1310        | 1315         | rVB5     | 19260          | 30718         | 1.47%           | 0.094%        |
| 21        | 9.287       | 1339          | 1345        | 1350         | rBV      | 53519          | 88152         | 4.20%           | 0.270%        |
| 22        | 9.482       | 1372          | 1377        | 1384         | rBV3     | 56692          | 95412         | 4.55%           | 0.292%        |
| 23        | 9.561       | 1386          | 1390        | 1394         | rVV3     | 25853          | 31499         | 1.50%           | 0.096%        |
| 24        | 9.628       | 1394          | 1401        | 1405         | rVV      | 12161          | 21670         | 1.03%           | 0.066%        |
| 25        | 9.988       | 1456          | 1460        | 1464         | rVB      | 16675          | 24575         | 1.17%           | 0.075%        |
| 26        | 10.098      | 1467          | 1478        | 1490         | rBV      | 1358775        | 1876952       | 89.52%          | 5.746%        |
| 27        | 10.250      | 1497          | 1503        | 1507         | rBV3     | 18892          | 31755         | 1.51%           | 0.097%        |
| 28        | 10.342      | 1515          | 1518        | 1524         | rVB      | 28975          | 43697         | 2.08%           | 0.134%        |
| 29        | 10.415      | 1524          | 1530        | 1535         | rBV      | 176085         | 250208        | 11.93%          | 0.766%        |
| 30        | 10.543      | 1547          | 1551        | 1555         | rBV2     | 19646          | 23367         | 1.11%           | 0.072%        |
| 31        | 10.683      | 1570          | 1574        | 1577         | rBV2     | 19960          | 27136         | 1.29%           | 0.083%        |
| 32        | 10.720      | 1577          | 1580        | 1584         | rVB2     | 16970          | 22783         | 1.09%           | 0.070%        |
| 33        | 10.805      | 1587          | 1594        | 1600         | rBV2     | 56778          | 94490         | 4.51%           | 0.289%        |
| 34        | 10.896      | 1605          | 1609        | 1612         | rBV4     | 32965          | 59027         | 2.82%           | 0.181%        |

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Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VB-25860

## Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
 Title : SW846 8260

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 11.122 | 1641 | 1646 | 1655 | rVB  | 1188295 | 1489149 | 71.03% | 4.559% |
| 36 | 11.226 | 1658 | 1663 | 1667 | rBV7 | 13149   | 25228   | 1.20%  | 0.077% |
| 37 | 11.421 | 1686 | 1695 | 1697 | rBV5 | 26268   | 52574   | 2.51%  | 0.161% |
| 38 | 11.512 | 1707 | 1710 | 1717 | rVB  | 85976   | 123957  | 5.91%  | 0.379% |
| 39 | 11.652 | 1729 | 1733 | 1739 | rBV5 | 25084   | 44726   | 2.13%  | 0.137% |
| 40 | 11.750 | 1746 | 1749 | 1752 | rBV5 | 21310   | 24990   | 1.19%  | 0.077% |
| 41 | 11.793 | 1752 | 1756 | 1763 | rVB2 | 98039   | 137550  | 6.56%  | 0.421% |
| 42 | 11.878 | 1766 | 1770 | 1775 | rBV  | 34952   | 57342   | 2.73%  | 0.176% |
| 43 | 11.933 | 1775 | 1779 | 1783 | rBV5 | 37422   | 58735   | 2.80%  | 0.180% |
| 44 | 11.982 | 1783 | 1787 | 1789 | rVV4 | 18827   | 30523   | 1.46%  | 0.093% |
| 45 | 12.012 | 1789 | 1792 | 1795 | rVV3 | 71404   | 86956   | 4.15%  | 0.266% |
| 46 | 12.061 | 1795 | 1800 | 1806 | rVV  | 1534987 | 1882981 | 89.81% | 5.764% |
| 47 | 12.140 | 1806 | 1813 | 1818 | rBV4 | 121851  | 198997  | 9.49%  | 0.609% |
| 48 | 12.256 | 1828 | 1832 | 1845 | rBV  | 621073  | 1090470 | 52.01% | 3.338% |
| 49 | 12.353 | 1845 | 1848 | 1851 | rVV4 | 53133   | 68188   | 3.25%  | 0.209% |
| 50 | 12.463 | 1862 | 1866 | 1869 | rBV  | 91743   | 108495  | 5.17%  | 0.332% |
| 51 | 12.500 | 1869 | 1872 | 1878 | rVB5 | 63999   | 113859  | 5.43%  | 0.349% |
| 52 | 12.591 | 1881 | 1887 | 1890 | rBV5 | 51556   | 98353   | 4.69%  | 0.301% |
| 53 | 12.628 | 1890 | 1893 | 1899 | rVB4 | 49920   | 90668   | 4.32%  | 0.278% |
| 54 | 12.701 | 1901 | 1905 | 1912 | rBV  | 185994  | 276835  | 13.20% | 0.847% |
| 55 | 12.768 | 1912 | 1916 | 1919 | rVB  | 92603   | 112282  | 5.36%  | 0.344% |
| 56 | 12.805 | 1919 | 1922 | 1924 | rBV3 | 18885   | 21093   | 1.01%  | 0.065% |
| 57 | 12.835 | 1924 | 1927 | 1929 | rBV  | 55752   | 68781   | 3.28%  | 0.211% |
| 58 | 12.859 | 1929 | 1931 | 1938 | rVB5 | 67012   | 83594   | 3.99%  | 0.256% |
| 59 | 12.926 | 1938 | 1942 | 1945 | rBV3 | 62178   | 111181  | 5.30%  | 0.340% |
| 60 | 13.018 | 1952 | 1957 | 1962 | rVB5 | 96130   | 183782  | 8.77%  | 0.563% |
| 61 | 13.079 | 1964 | 1967 | 1969 | rBV3 | 32347   | 34988   | 1.67%  | 0.107% |
| 62 | 13.109 | 1969 | 1972 | 1974 | rBV4 | 49873   | 61172   | 2.92%  | 0.187% |
| 63 | 13.140 | 1974 | 1977 | 1982 | rVV2 | 159754  | 214857  | 10.25% | 0.658% |
| 64 | 13.250 | 1993 | 1995 | 1998 | rVB4 | 32228   | 24293   | 1.16%  | 0.074% |
| 65 | 13.304 | 1999 | 2004 | 2006 | rBV2 | 143588  | 189946  | 9.06%  | 0.581% |
| 66 | 13.335 | 2006 | 2009 | 2013 | rVB5 | 162641  | 219140  | 10.45% | 0.671% |
| 67 | 13.384 | 2013 | 2017 | 2020 | rVB4 | 23341   | 28458   | 1.36%  | 0.087% |
| 68 | 13.426 | 2020 | 2024 | 2027 | rBV3 | 123695  | 225724  | 10.77% | 0.691% |
| 69 | 13.469 | 2027 | 2031 | 2039 | rVB6 | 148878  | 397077  | 18.94% | 1.216% |
| 70 | 13.548 | 2040 | 2044 | 2046 | rBV4 | 68018   | 104168  | 4.97%  | 0.319% |
| 71 | 13.621 | 2053 | 2056 | 2060 | rBV5 | 46040   | 88583   | 4.23%  | 0.271% |

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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VB-25860

## Integration Parameters: RTEINT.P

Integrator: RTE  
Smoothing : ON  
Sampling : 1  
Start Thrs: 0.2  
Stop Thrs : 0

Filtering: 5  
Min Area: 3 % of largest Peak  
Max Peaks: 100  
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
Title : SW846 8260

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 72 | 13.719 | 2067 | 2072 | 2073 | rBV3 | 74270   | 107854  | 5.14%  | 0.330% |
| 73 | 13.743 | 2073 | 2076 | 2078 | rVV3 | 94311   | 124935  | 5.96%  | 0.382% |
| 74 | 13.780 | 2079 | 2082 | 2089 | rVV6 | 135958  | 318647  | 15.20% | 0.975% |
| 75 | 13.841 | 2089 | 2092 | 2095 | rVV2 | 110243  | 126183  | 6.02%  | 0.386% |
| 76 | 13.884 | 2095 | 2099 | 2104 | rVV3 | 263078  | 406734  | 19.40% | 1.245% |
| 77 | 13.945 | 2104 | 2109 | 2118 | rVB9 | 148603  | 423247  | 20.19% | 1.296% |
| 78 | 14.024 | 2119 | 2122 | 2124 | rBV4 | 79195   | 107929  | 5.15%  | 0.330% |
| 79 | 14.079 | 2128 | 2131 | 2133 | rVV  | 134916  | 167048  | 7.97%  | 0.511% |
| 80 | 14.109 | 2133 | 2136 | 2139 | rVV5 | 105322  | 154968  | 7.39%  | 0.474% |
| 81 | 14.140 | 2139 | 2141 | 2144 | rVV3 | 66299   | 75078   | 3.58%  | 0.230% |
| 82 | 14.176 | 2144 | 2147 | 2149 | rVV3 | 51255   | 53849   | 2.57%  | 0.165% |
| 83 | 14.262 | 2158 | 2161 | 2168 | rVB7 | 162543  | 283113  | 13.50% | 0.867% |
| 84 | 14.536 | 2200 | 2206 | 2212 | rBV6 | 152638  | 438074  | 20.89% | 1.341% |
| 85 | 14.597 | 2212 | 2216 | 2218 | rBV4 | 131953  | 211653  | 10.09% | 0.648% |
| 86 | 14.652 | 2222 | 2225 | 2232 | rVV4 | 778699  | 1220786 | 58.23% | 3.737% |
| 87 | 14.713 | 2232 | 2235 | 2239 | rVB4 | 191728  | 247178  | 11.79% | 0.757% |
| 88 | 14.792 | 2245 | 2248 | 2251 | rBV2 | 451354  | 505916  | 24.13% | 1.549% |
| 89 | 14.829 | 2251 | 2254 | 2257 | rVV5 | 247665  | 329331  | 15.71% | 1.008% |
| 90 | 14.890 | 2261 | 2264 | 2267 | rVB2 | 406143  | 467762  | 22.31% | 1.432% |
| 91 | 15.079 | 2292 | 2295 | 2299 | rBV6 | 111571  | 213410  | 10.18% | 0.653% |
| 92 | 15.225 | 2316 | 2319 | 2321 | rBV3 | 218760  | 286520  | 13.67% | 0.877% |
| 93 | 15.255 | 2321 | 2324 | 2328 | rVB  | 804678  | 958610  | 45.72% | 2.935% |
| 94 | 15.469 | 2355 | 2359 | 2364 | rVB  | 692176  | 997138  | 47.56% | 3.053% |
| 95 | 15.536 | 2365 | 2370 | 2376 | rBV6 | 453390  | 1008916 | 48.12% | 3.089% |
| 96 | 15.609 | 2378 | 2382 | 2387 | rVB  | 1109393 | 1672662 | 79.78% | 5.120% |
| 97 | 15.798 | 2409 | 2413 | 2420 | rVB3 | 741487  | 1212293 | 57.82% | 3.711% |
| 98 | 16.151 | 2466 | 2471 | 2477 | rBV3 | 483992  | 1019342 | 48.62% | 3.120% |
| 99 | 16.773 | 2569 | 2573 | 2575 | rBV  | 348699  | 531155  | 25.33% | 1.626% |

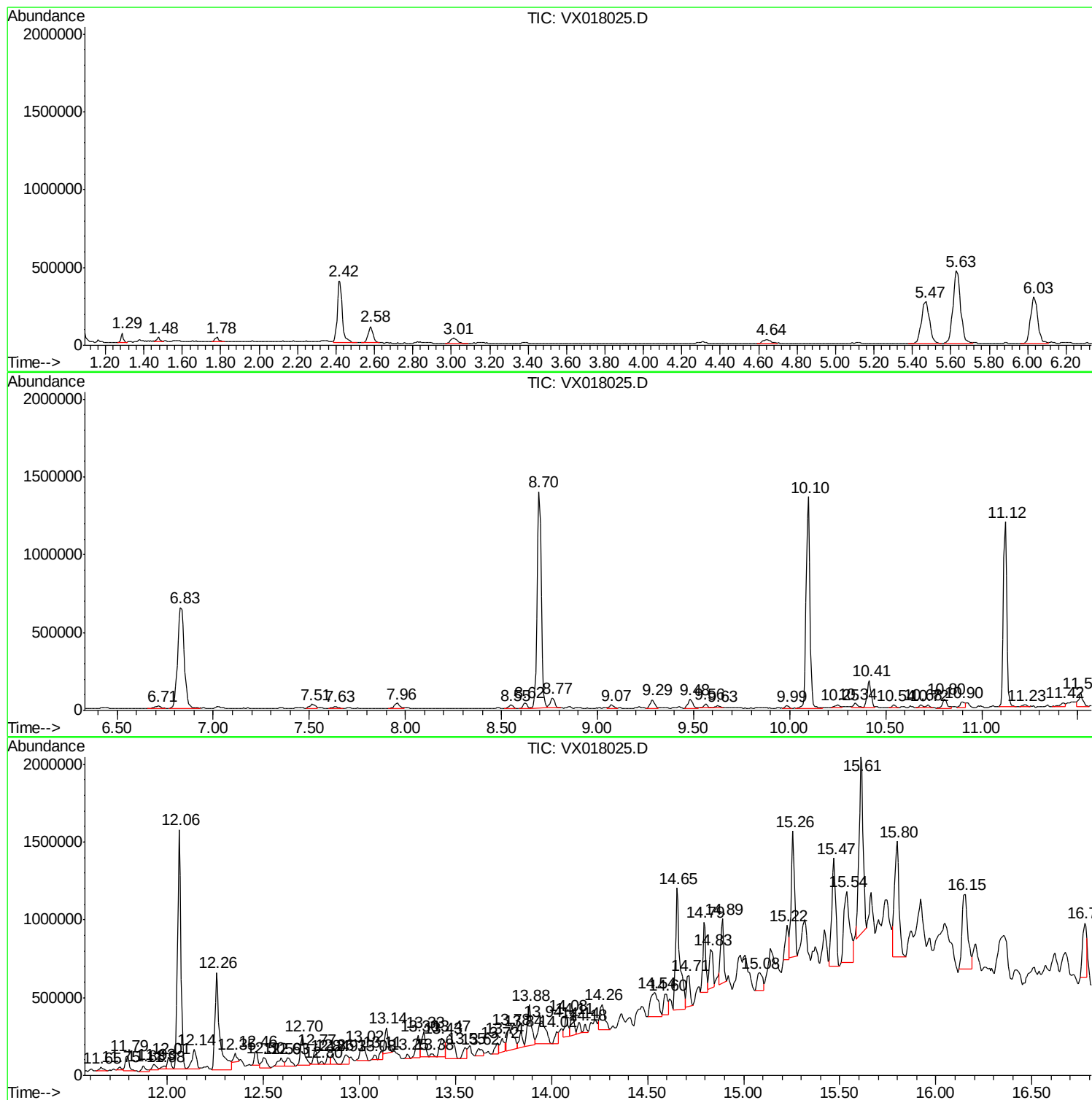
Sum of corrected areas: 32666223

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Instrument :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082020\  
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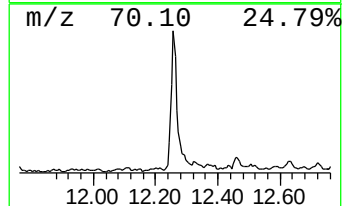
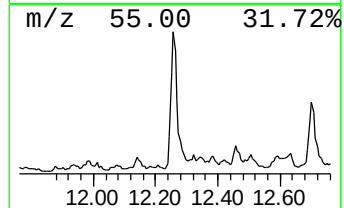
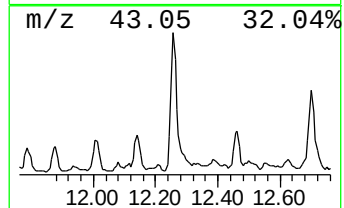
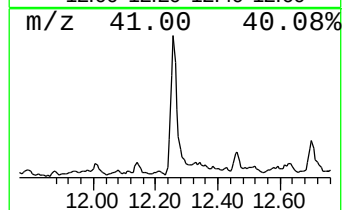
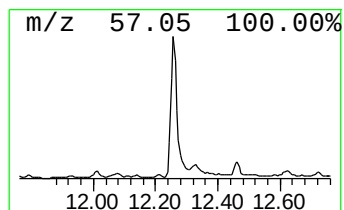
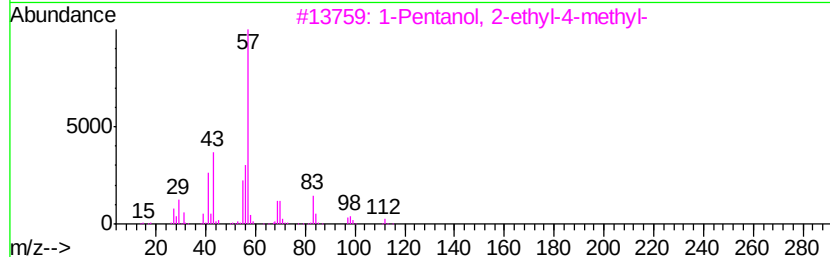
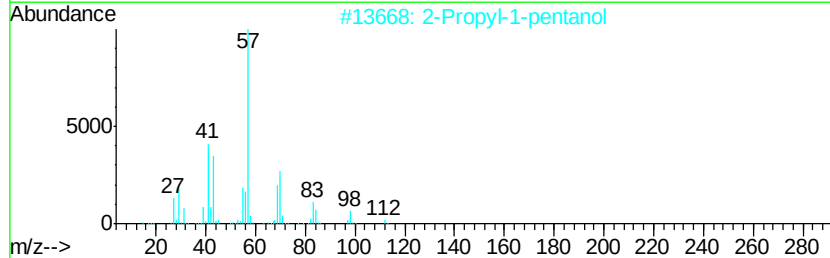
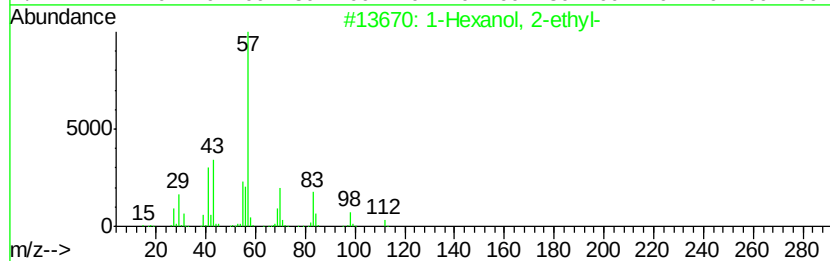
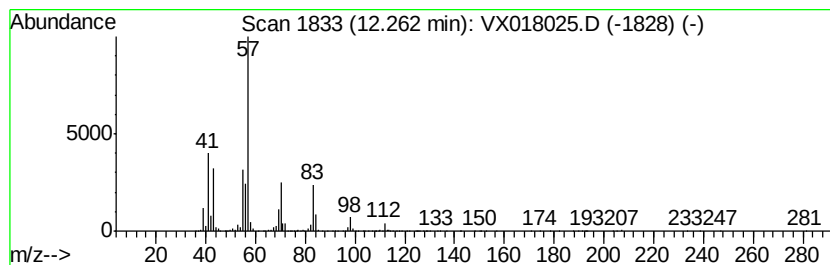
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 4

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 12.26 | 28.96 ug/l | 1090470 | 1,4-Dichlorobenzene-d4 | 12.06 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1-Hexanol, 2-ethyl-           | 130 | C8H18O  | 000104-76-7 | 78   |
| 2    |    | 2-Propyl-1-pentanol           | 130 | C8H18O  | 058175-57-8 | 59   |
| 3    |    | 1-Pentanol, 2-ethyl-4-methyl- | 130 | C8H18O  | 000106-67-2 | 56   |
| 4    |    | Heptane, 1,1'-oxybis-         | 214 | C14H30O | 000629-64-1 | 53   |
| 5    |    | Decanal                       | 156 | C10H20O | 000112-31-2 | 50   |



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Quant Title : SW846 8260

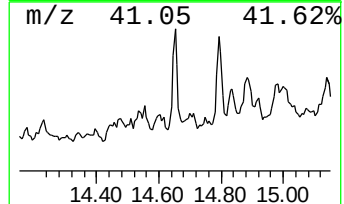
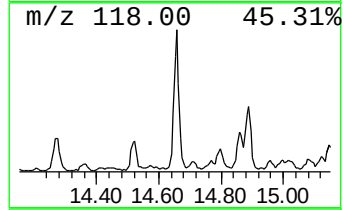
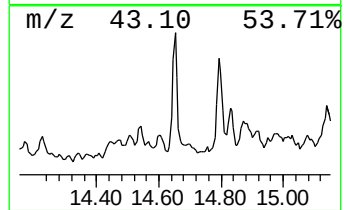
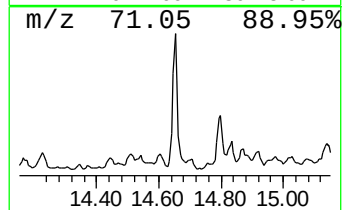
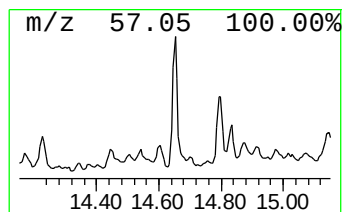
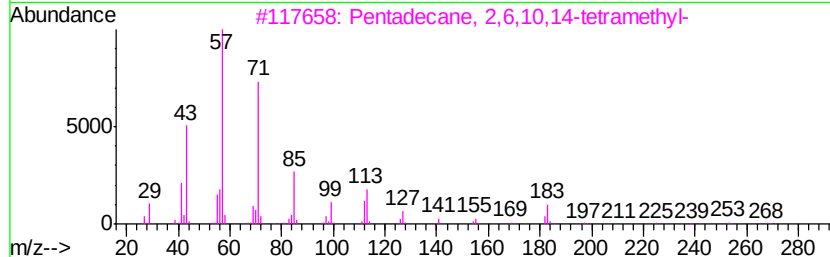
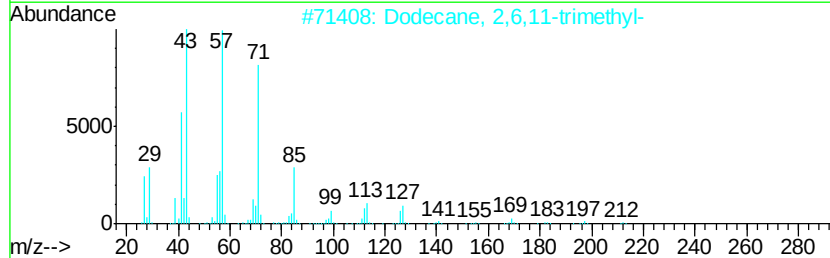
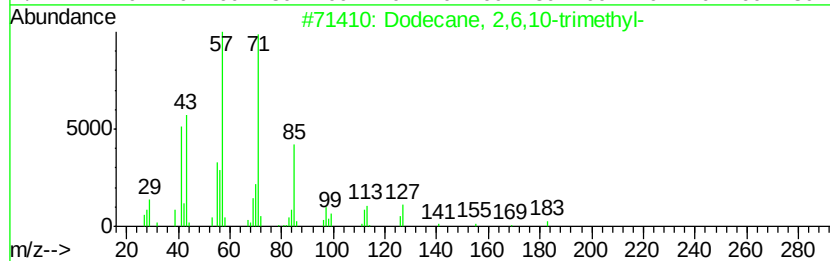
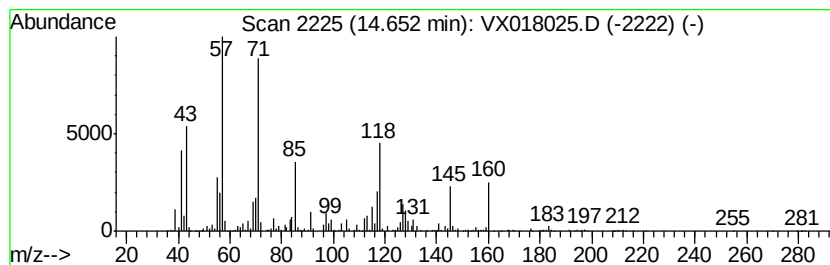
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 unknown14.65 Concentration Rank 2

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 14.65 | 32.42 ug/l | 1220790 | 1,4-Dichlorobenzene-d4 | 12.06 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Dodecane, 2,6,10-trimethyl-         | 212 | C15H32  | 003891-98-3 | 45   |
| 2    |    | Dodecane, 2,6,11-trimethyl-         | 212 | C15H32  | 031295-56-4 | 43   |
| 3    |    | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40  | 001921-70-6 | 38   |
| 4    |    | Nonane, 5-methyl-5-propyl-          | 184 | C13H28  | 017312-75-3 | 35   |
| 5    |    | Nonane, 3-methyl-                   | 142 | C10H22  | 005911-04-6 | 30   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082020\  
Data File : VX018025.D  
Acq On : 20 Aug 2020 11:23  
Operator : JC/SP  
Sample : L3712-15  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 5 Sample Multiplier: 1

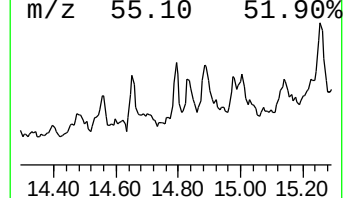
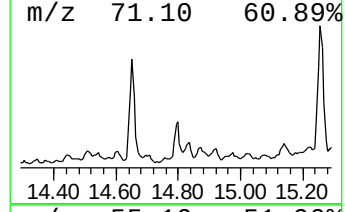
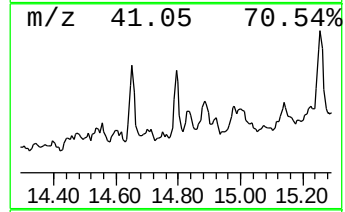
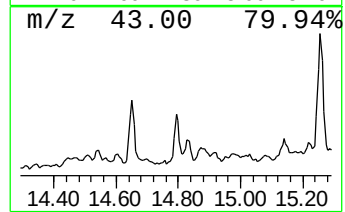
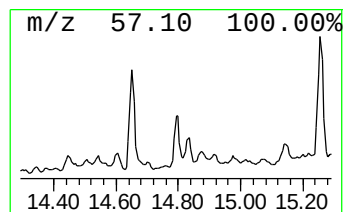
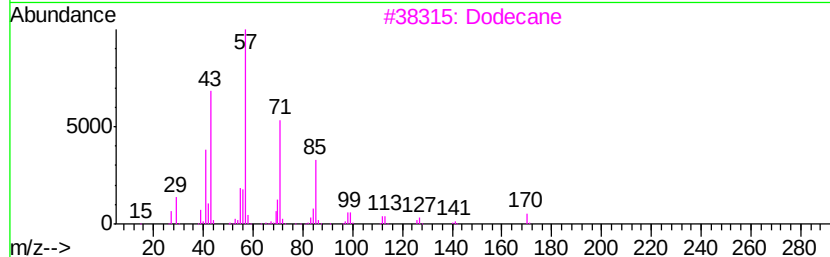
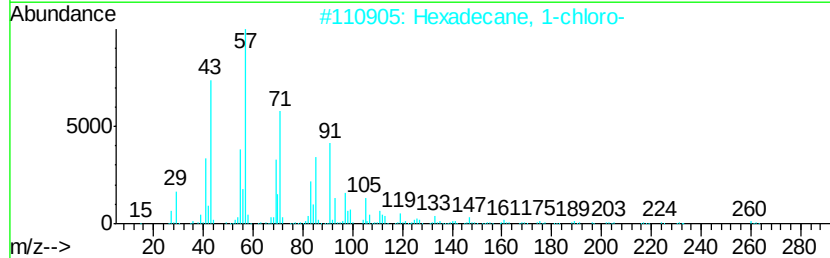
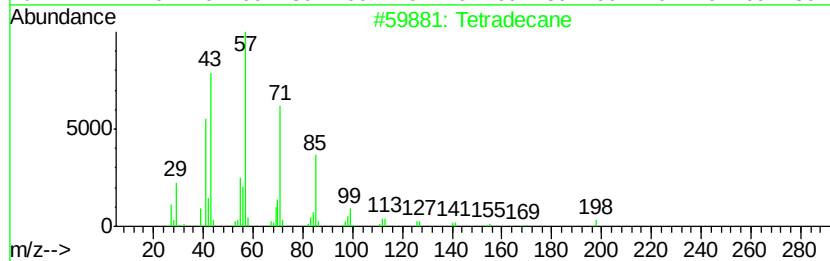
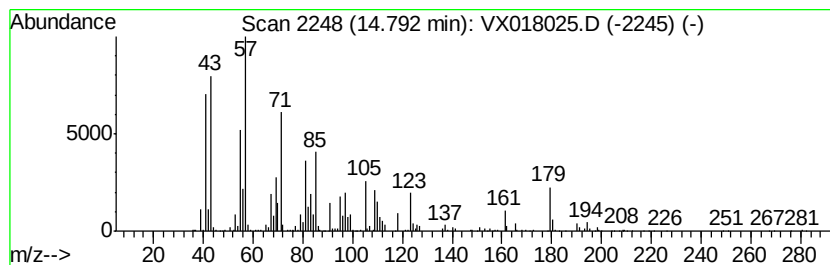
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MSVOA\_X  
ClientSampled :  
VB-25860

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Tetradecane Concentration Rank 10

| R.T.      | EstConc               | Area   | Relative to ISTD       | R.T.        |      |
|-----------|-----------------------|--------|------------------------|-------------|------|
| 14.79     | 13.43 ug/l            | 505916 | 1,4-Dichlorobenzene-d4 | 12.06       |      |
| Hit# of 5 | Tentative ID          | MW     | MolForm                | CAS#        | Qual |
| 1         | Tetradecane           | 198    | C14H30                 | 000629-59-4 | 83   |
| 2         | Hexadecane, 1-chloro- | 260    | C16H33Cl               | 004860-03-1 | 43   |
| 3         | Dodecane              | 170    | C12H26                 | 000112-40-3 | 30   |
| 4         | Pentadecane           | 212    | C15H32                 | 000629-62-9 | 30   |
| 5         | Tridecane             | 184    | C13H28                 | 000629-50-5 | 30   |





Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082020\  
Data File : VX018025.D  
Acq On : 20 Aug 2020 11:23  
Operator : JC/SP  
Sample : L3712-15  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 5 Sample Multiplier: 1

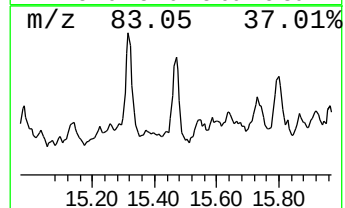
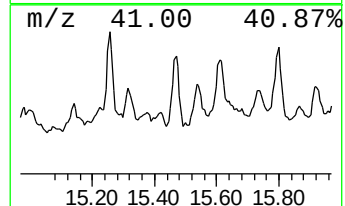
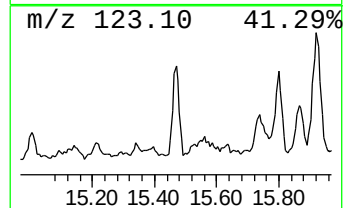
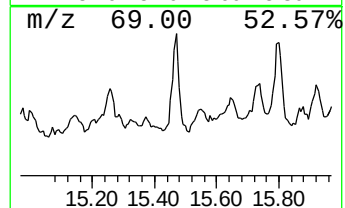
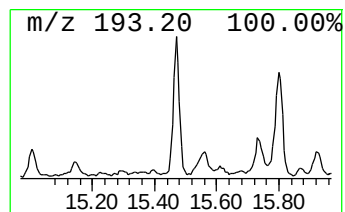
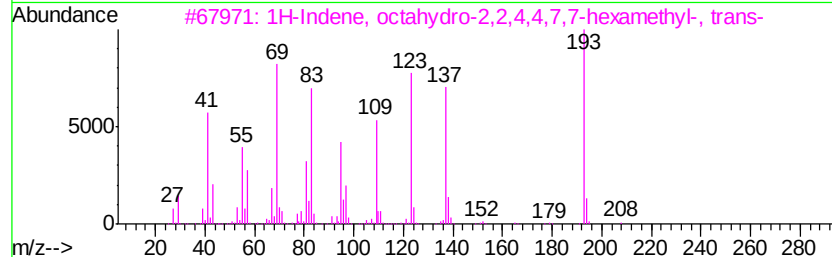
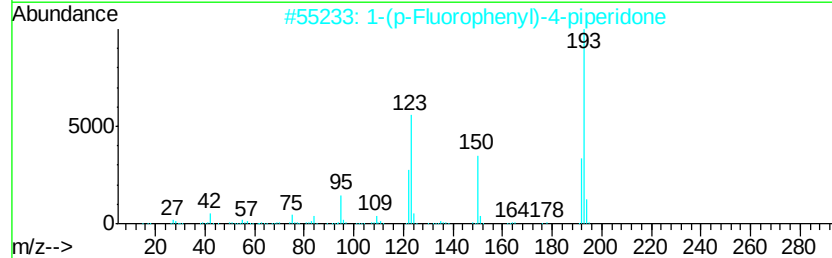
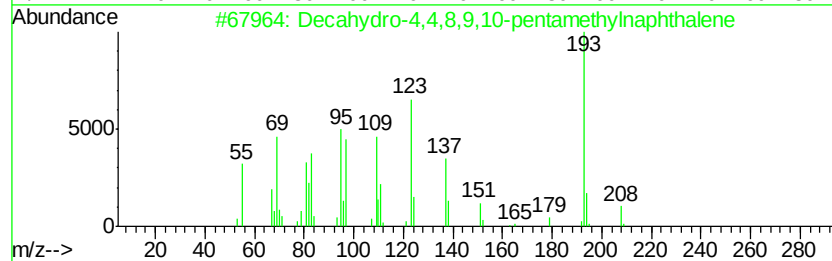
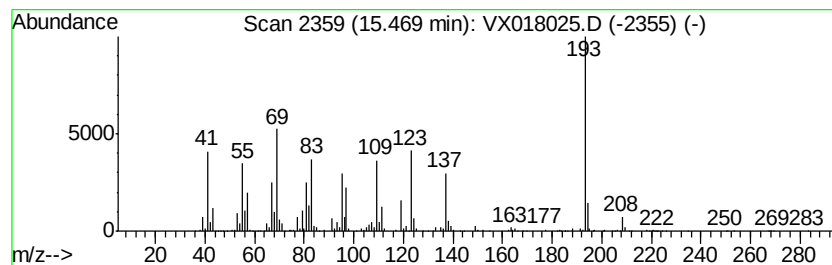
Instrument :  
MSVOA\_X  
ClientSampleId :  
VB-25860

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Decahydro-4,4,8,9,10-pentam... Concentration Rank 7

| R.T.    | EstConc    | Area                                | Relative to ISTD       | R.T.            |
|---------|------------|-------------------------------------|------------------------|-----------------|
| 15.47   | 26.48 ug/l | 997138                              | 1,4-Dichlorobenzene-d4 | 12.06           |
| Hit# of | 5          | Tentative ID                        | MW MolForm             | CAS# Qual       |
| 1       |            | Decahydro-4,4,8,9,10-pentamethyl... | 208 C15H28             | 080655-44-3 59  |
| 2       |            | 1-(p-Fluorophenyl)-4-piperidone     | 193 C11H12FNO          | 1000238-56-7 49 |
| 3       |            | 1H-Indene, octahydro-2,2,4,4,7,7... | 208 C15H28             | 054832-83-6 38  |
| 4       |            | Pyrazole, 5-methyl-3-(5-nitro-2-... | 193 C8H7N3O3           | 016239-90-0 38  |
| 5       |            | Butan-2-one, 1-[3-(3,3-dimethyl-... | 278 C16H26N2O2         | 1000303-34-2 35 |





Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082020\  
Data File : VX018025.D  
Acq On : 20 Aug 2020 11:23  
Operator : JC/SP  
Sample : L3712-15  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 5 Sample Multiplier: 1

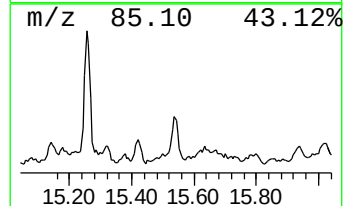
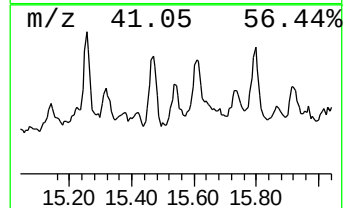
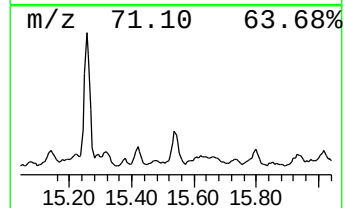
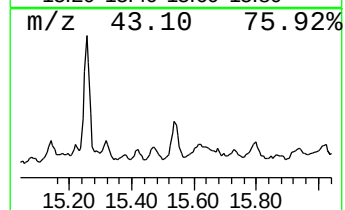
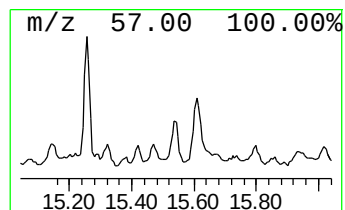
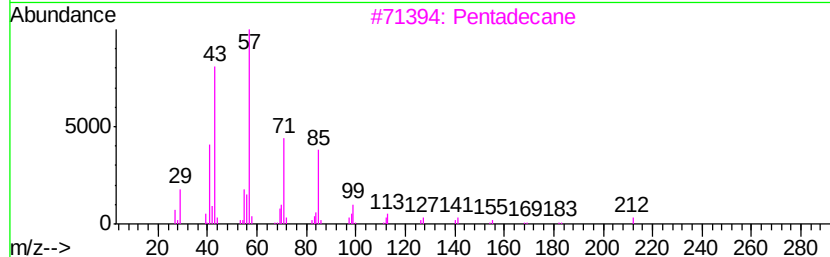
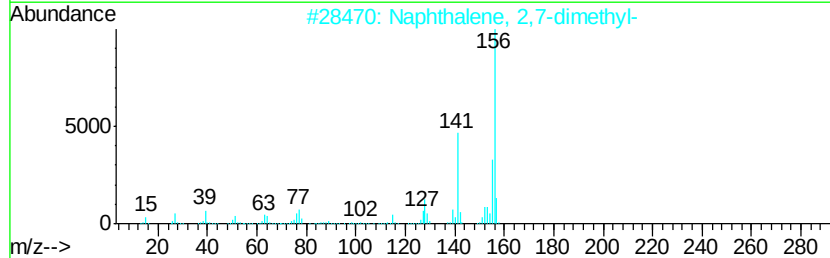
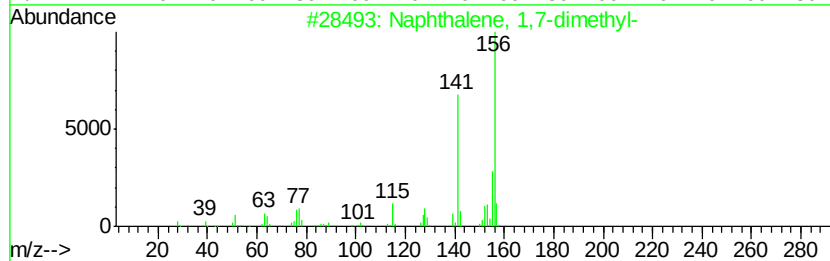
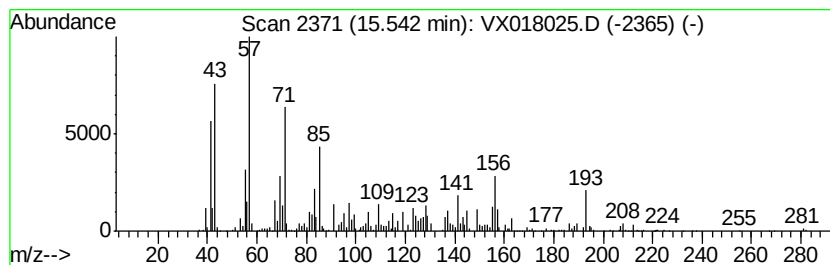
Instrument :  
MSVOA\_X  
ClientSampled :  
VB-25860

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 6

| R.T.    | EstConc    | Area                                | Relative to ISTD       | R.T.           |
|---------|------------|-------------------------------------|------------------------|----------------|
| 15.54   | 26.79 ug/l | 1008920                             | 1,4-Dichlorobenzene-d4 | 12.06          |
| Hit# of | 5          | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |            | Naphthalene, 1,7-dimethyl-          | 156 C12H12             | 000575-37-1 83 |
| 2       |            | Naphthalene, 2,7-dimethyl-          | 156 C12H12             | 000582-16-1 64 |
| 3       |            | Pentadecane                         | 212 C15H32             | 000629-62-9 53 |
| 4       |            | Naphthalene, 2,6-dimethyl-          | 156 C12H12             | 000581-42-0 52 |
| 5       |            | Pent-1-yn-3-ene, 4-methyl-3-phenyl- | 156 C12H12             | 065050-80-8 50 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082020\  
Data File : VX018025.D  
Acq On : 20 Aug 2020 11:23  
Operator : JC/SP  
Sample : L3712-15  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 5 Sample Multiplier: 1

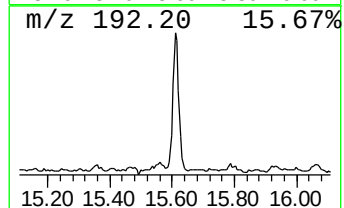
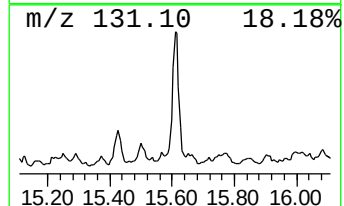
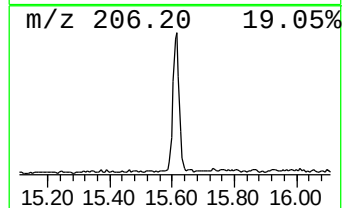
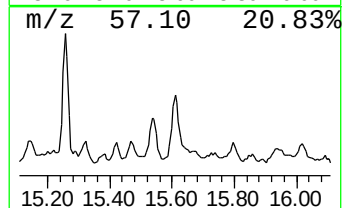
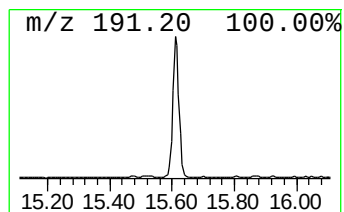
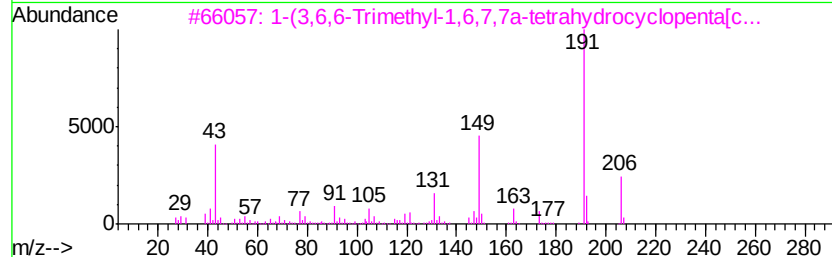
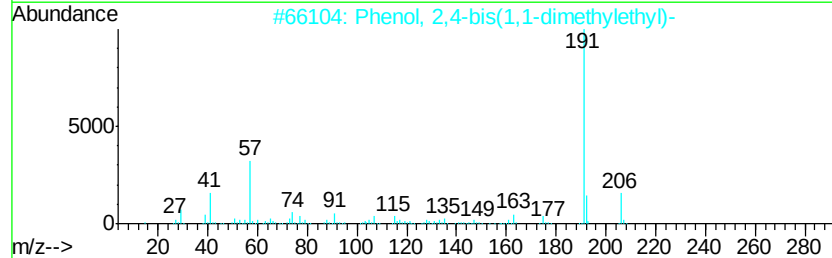
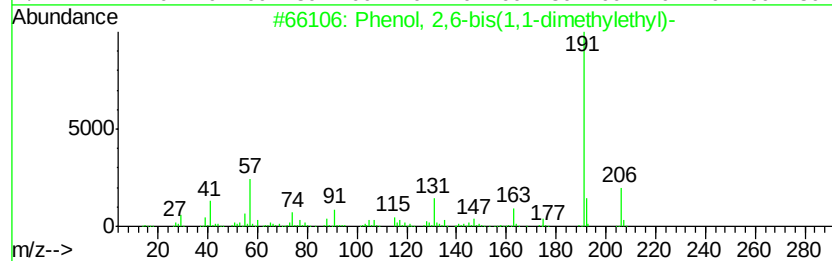
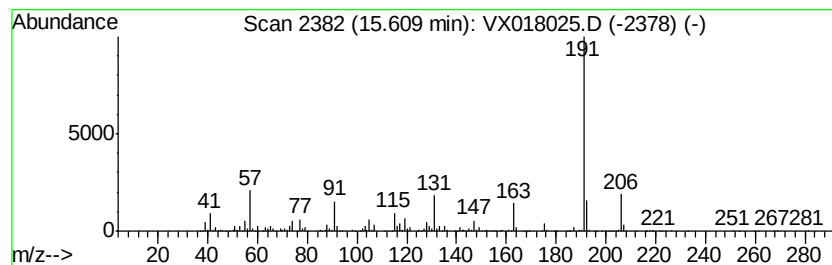
Instrument :  
MSVOA\_X  
ClientSampleId :  
VB-25860

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 1

| R.T.    | EstConc                             | Area         | Relative to ISTD       | R.T.      |
|---------|-------------------------------------|--------------|------------------------|-----------|
| 15.61   | 44.42 ug/l                          | 1672660      | 1,4-Dichlorobenzene-d4 | 12.06     |
| Hit# of | 5                                   | Tentative ID | MW MolForm             | CAS# Qual |
| 1       | Phenol, 2,6-bis(1,1-dimethylethyl)- | 206 C14H22O  | 000128-39-2            | 93        |
| 2       | Phenol, 2,4-bis(1,1-dimethylethyl)- | 206 C14H22O  | 000096-76-4            | 83        |
| 3       | 1-(3,6,6-Trimethyl-1,6,7,7a-tetr... | 206 C13H18O2 | 1000194-97-2           | 80        |
| 4       | Phenol, 2,5-bis(1,1-dimethylethyl)- | 206 C14H22O  | 005875-45-6            | 80        |
| 5       | Ethyl 4-t-butylbenzoate             | 206 C13H18O2 | 005406-57-5            | 72        |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082020\  
Data File : VX018025.D  
Acq On : 20 Aug 2020 11:23  
Operator : JC/SP  
Sample : L3712-15  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 5 Sample Multiplier: 1

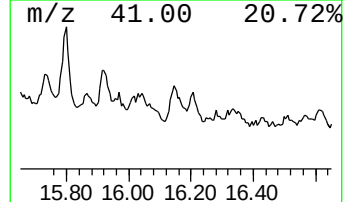
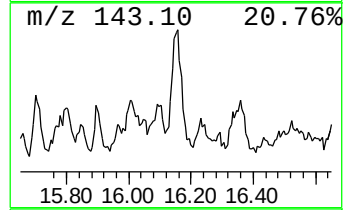
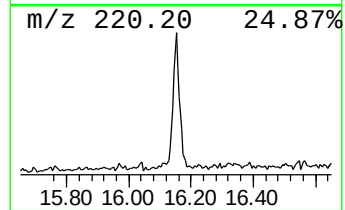
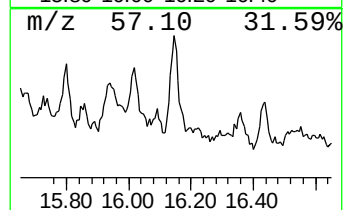
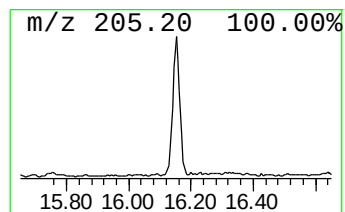
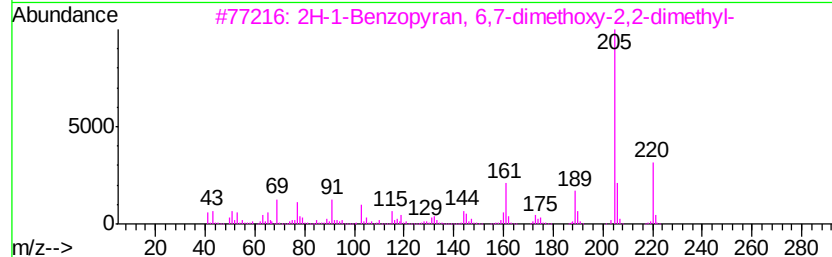
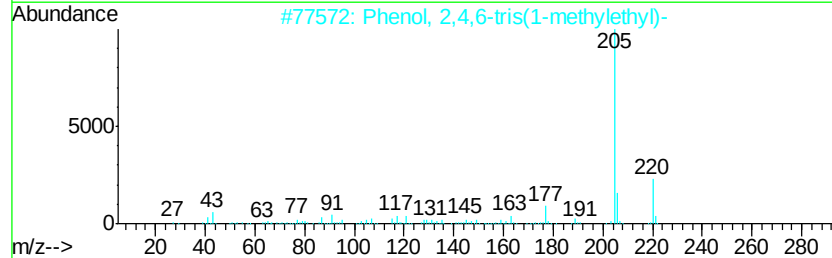
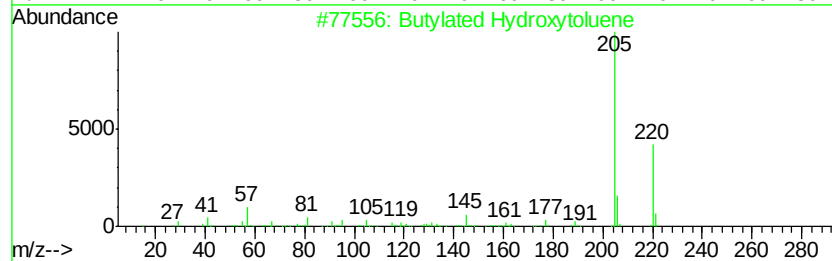
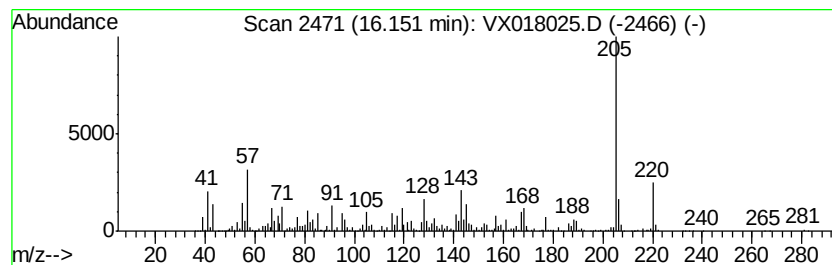
Instrument :  
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ClientSampleId :  
VB-25860

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 Butylated Hydroxytoluene Concentration Rank 5

| R.T.    | EstConc    | Area                                | Relative to ISTD       | R.T.           |
|---------|------------|-------------------------------------|------------------------|----------------|
| 16.15   | 27.07 ug/l | 1019340                             | 1,4-Dichlorobenzene-d4 | 12.06          |
| Hit# of | 5          | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |            | Butylated Hydroxytoluene            | 220 C15H24O            | 000128-37-0 91 |
| 2       |            | Phenol, 2,4,6-tris(1-methylethyl)-  | 220 C15H24O            | 002934-07-8 60 |
| 3       |            | 2H-1-Benzopyran, 6,7-dimethoxy-2... | 220 C13H16O3           | 000644-06-4 50 |
| 4       |            | Phenol, 4,6-di(1,1-dimethylethyl)-  | 220 C15H24O            | 000616-55-7 49 |
| 5       |            | 6-Phenylisoquinoline                | 205 C15H11N            | 070125-61-0 43 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082020\  
Data File : VX018025.D  
Acq On : 20 Aug 2020 11:23  
Operator : JC/SP  
Sample : L3712-15  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 5 Sample Multiplier: 1

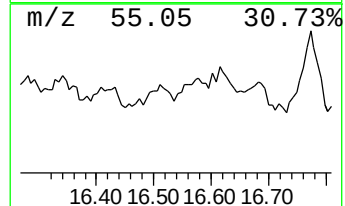
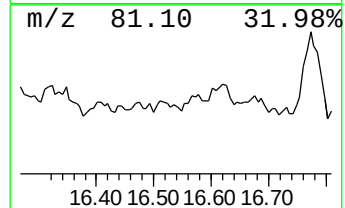
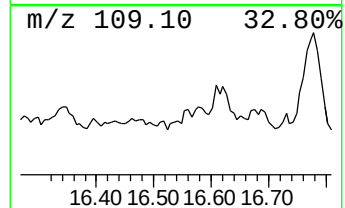
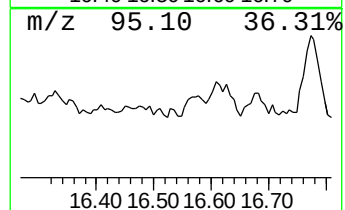
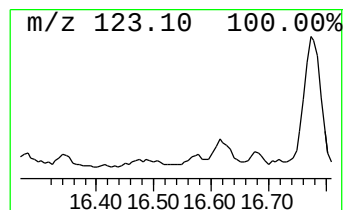
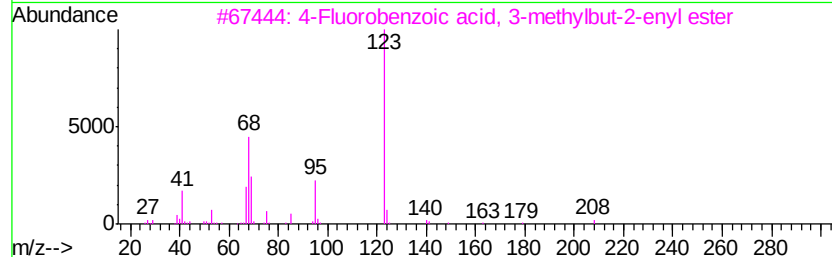
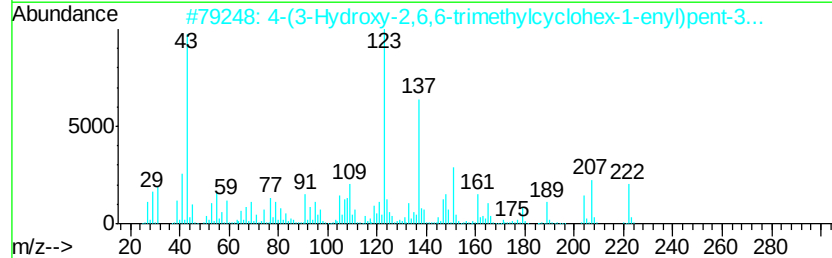
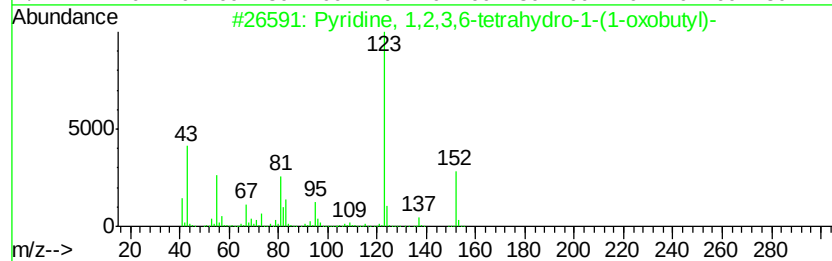
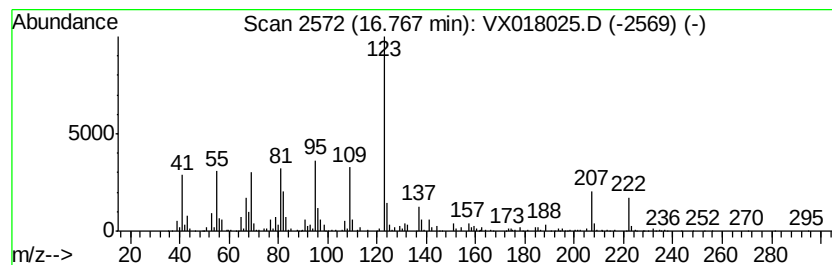
Instrument :  
MSVOA\_X  
ClientSampleId :  
VB-25860

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 Pyridine, 1,2,3,6-tetrahydr... Concentration Rank 9

| R.T.    | EstConc    | Area                                | Relative to ISTD       | R.T.       |              |      |
|---------|------------|-------------------------------------|------------------------|------------|--------------|------|
| 16.77   | 14.10 ug/l | 531155                              | 1,4-Dichlorobenzene-d4 | 12.06      |              |      |
| Hit# of | 5          | Tentative ID                        | MW                     | MolForm    | CAS#         | Qual |
| 1       |            | Pyridine, 1,2,3,6-tetrahydro-1-(... | 153                    | C9H15NO    | 057150-46-6  | 50   |
| 2       |            | 4-(3-Hydroxy-2,6,6-trimethylcycl... | 222                    | C14H22O2   | 097306-57-5  | 50   |
| 3       |            | 4-Fluorobenzoic acid, 3-methylbu... | 208                    | C12H13FO2  | 1000299-15-1 | 46   |
| 4       |            | 3-Fluorobenzoic acid, 3-methylbu... | 208                    | C12H13FO2  | 154559-38-3  | 46   |
| 5       |            | Benzamide, 2-fluoro-N-(4-methoxy... | 245                    | C14H12FN02 | 212209-96-6  | 43   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_X\DATA\VX082020\  
Data File : VX018025.D  
Acq On : 20 Aug 2020 11:23  
Operator : JC/SP  
Sample : L3712-15  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VB-25860

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| 1-Hexanol, 2-ethyl-  | 12.26 | 29.0    | ug/l  | 1090470  | 4                     | 12.06 | 1882980 | 50.0 |
| unknown14.65         | 14.65 | 32.4    | ug/l  | 1220790  | 4                     | 12.06 | 1882980 | 50.0 |
| Tetradecane          | 14.79 | 13.4    | ug/l  | 505916   | 4                     | 12.06 | 1882980 | 50.0 |
| Decahydro-4,4,8,9... | 15.47 | 26.5    | ug/l  | 997138   | 4                     | 12.06 | 1882980 | 50.0 |
| Naphthalene, 1,7-... | 15.54 | 26.8    | ug/l  | 1008920  | 4                     | 12.06 | 1882980 | 50.0 |
| Phenol, 2,6-bis(1... | 15.61 | 44.4    | ug/l  | 1672660  | 4                     | 12.06 | 1882980 | 50.0 |
| Butylated Hydroxy... | 16.15 | 27.1    | ug/l  | 1019340  | 4                     | 12.06 | 1882980 | 50.0 |
| Pyridine, 1,2,3,6... | 16.77 | 14.1    | ug/l  | 531155   | 4                     | 12.06 | 1882980 | 50.0 |