

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030623\  
 Data File : VX034352.D  
 Acq On : 06 Mar 2023 16:11  
 Operator : JC/MD  
 Sample : 01803-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 COMP-VOC

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\_X\Method\82X021723W.M  
 Title : SW846 8260

Signal : TIC: VX034352.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         | 1.142       | 6             | 9           | 24           | rVB      | 167763         | 192897        | 9.95%           | 0.759%        |
| 2         | 1.270       | 24            | 30          | 35           | rBV      | 26657          | 35646         | 1.84%           | 0.140%        |
| 3         | 1.355       | 41            | 44          | 52           | rVB2     | 23378          | 36039         | 1.86%           | 0.142%        |
| 4         | 2.050       | 153           | 158         | 168          | rBV      | 68300          | 113134        | 5.84%           | 0.445%        |
| 5         | 2.380       | 206           | 212         | 224          | rVB      | 37680          | 64368         | 3.32%           | 0.253%        |
| 6         | 2.532       | 229           | 237         | 249          | rBV      | 41326          | 79696         | 4.11%           | 0.314%        |
| 7         | 3.696       | 420           | 428         | 440          | rVB      | 15697          | 41883         | 2.16%           | 0.165%        |
| 8         | 4.227       | 504           | 515         | 534          | rBV      | 208251         | 566370        | 29.22%          | 2.230%        |
| 9         | 4.568       | 562           | 571         | 582          | rBV      | 13002          | 38773         | 2.00%           | 0.153%        |
| 10        | 5.391       | 693           | 706         | 718          | rBV      | 172963         | 510674        | 26.34%          | 2.011%        |
| 11        | 5.550       | 722           | 732         | 750          | rVB      | 295043         | 839255        | 43.29%          | 3.304%        |
| 12        | 5.958       | 789           | 799         | 817          | rBV      | 198966         | 536748        | 27.69%          | 2.113%        |
| 13        | 6.763       | 920           | 931         | 945          | rBV      | 467695         | 1123257       | 57.94%          | 4.422%        |
| 14        | 7.214       | 998           | 1005        | 1016         | rBV2     | 26682          | 71215         | 3.67%           | 0.280%        |
| 15        | 7.958       | 1121          | 1127        | 1138         | rBV      | 18670          | 34755         | 1.79%           | 0.137%        |
| 16        | 8.647       | 1233          | 1240        | 1249         | rBV      | 999388         | 1549811       | 79.94%          | 6.102%        |
| 17        | 8.769       | 1256          | 1260        | 1272         | rVB      | 42795          | 76242         | 3.93%           | 0.300%        |
| 18        | 9.238       | 1332          | 1337        | 1349         | rBV      | 23628          | 51916         | 2.68%           | 0.204%        |
| 19        | 9.903       | 1442          | 1446        | 1451         | rVB      | 26379          | 37733         | 1.95%           | 0.149%        |
| 20        | 10.006      | 1458          | 1463        | 1466         | rBV      | 25689          | 35882         | 1.85%           | 0.141%        |
| 21        | 10.055      | 1466          | 1471        | 1482         | rVB      | 963137         | 1315478       | 67.86%          | 5.179%        |
| 22        | 10.153      | 1483          | 1487        | 1491         | rBV      | 29576          | 46739         | 2.41%           | 0.184%        |
| 23        | 10.299      | 1503          | 1511        | 1517         | rBV2     | 32453          | 67938         | 3.50%           | 0.267%        |
| 24        | 10.360      | 1517          | 1521        | 1530         | rVB      | 131084         | 172681        | 8.91%           | 0.680%        |
| 25        | 10.506      | 1541          | 1545        | 1553         | rBV2     | 30495          | 47746         | 2.46%           | 0.188%        |
| 26        | 10.750      | 1582          | 1585        | 1588         | rBV      | 104617         | 147958        | 7.63%           | 0.583%        |
| 27        | 10.781      | 1588          | 1590        | 1594         | rVB      | 93518          | 100791        | 5.20%           | 0.397%        |
| 28        | 10.860      | 1599          | 1603        | 1606         | rVV3     | 41558          | 64707         | 3.34%           | 0.255%        |
| 29        | 10.896      | 1606          | 1609        | 1613         | rVB      | 36580          | 48424         | 2.50%           | 0.191%        |
| 30        | 11.030      | 1623          | 1631        | 1634         | rBV      | 44696          | 78611         | 4.06%           | 0.309%        |
| 31        | 11.079      | 1634          | 1639        | 1646         | rVV2     | 917815         | 1351227       | 69.70%          | 5.320%        |
| 32        | 11.128      | 1646          | 1647        | 1651         | rVV      | 87258          | 78956         | 4.07%           | 0.311%        |
| 33        | 11.189      | 1651          | 1657        | 1665         | rVV3     | 117721         | 180870        | 9.33%           | 0.712%        |
| 34        | 11.378      | 1685          | 1688        | 1693         | rVV2     | 53377          | 93247         | 4.81%           | 0.367%        |
| 35        | 11.433      | 1693          | 1697        | 1700         | rVV      | 90695          | 147950        | 7.63%           | 0.582%        |
| 36        | 11.476      | 1700          | 1704        | 1710         | rVB      | 626403         | 744448        | 38.40%          | 2.931%        |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
 Title : SW846 8260

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 37 | 11.573 | 1716 | 1720 | 1723 | rBV  | 61763  | 77214  | 3.98% | 0.304% |
| 38 | 11.610 | 1723 | 1726 | 1728 | rBV2 | 46960  | 68589  | 3.54% | 0.270% |
| 39 | 11.683 | 1734 | 1738 | 1740 | rBV  | 86887  | 101793 | 5.25% | 0.401% |
| 40 | 11.713 | 1740 | 1743 | 1746 | rVB  | 168252 | 182170 | 9.40% | 0.717% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 41 | 11.750 | 1746 | 1749 | 1759 | rVB2 | 125347 | 267170 | 13.78% | 1.052% |
| 42 | 11.835 | 1759 | 1763 | 1765 | rBV  | 63154  | 84288  | 4.35%  | 0.332% |
| 43 | 11.866 | 1765 | 1768 | 1770 | rBV  | 64250  | 78654  | 4.06%  | 0.310% |
| 44 | 11.945 | 1776 | 1781 | 1784 | rBV  | 108117 | 144933 | 7.48%  | 0.571% |
| 45 | 11.975 | 1784 | 1786 | 1789 | rVV2 | 55509  | 62442  | 3.22%  | 0.246% |

|    |        |      |      |      |     |         |         |         |        |
|----|--------|------|------|------|-----|---------|---------|---------|--------|
| 46 | 12.018 | 1789 | 1793 | 1799 | rVV | 1003745 | 1434790 | 74.01%  | 5.649% |
| 47 | 12.073 | 1799 | 1802 | 1804 | rVV | 115547  | 136877  | 7.06%   | 0.539% |
| 48 | 12.103 | 1804 | 1807 | 1810 | rVB | 144884  | 172947  | 8.92%   | 0.681% |
| 49 | 12.171 | 1815 | 1818 | 1822 | rVV | 115231  | 124504  | 6.42%   | 0.490% |
| 50 | 12.219 | 1822 | 1826 | 1837 | rVV | 1420657 | 1938616 | 100.00% | 7.632% |

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 51 | 12.311 | 1837 | 1841 | 1848 | rVB4 | 141902 | 262623  | 13.55% | 1.034% |
| 52 | 12.420 | 1849 | 1859 | 1864 | rBV  | 766140 | 1002391 | 51.71% | 3.946% |
| 53 | 12.469 | 1864 | 1867 | 1872 | rVB3 | 98435  | 162958  | 8.41%  | 0.642% |
| 54 | 12.555 | 1874 | 1881 | 1883 | rBV5 | 98688  | 190612  | 9.83%  | 0.750% |
| 55 | 12.579 | 1883 | 1885 | 1892 | rVB6 | 81715  | 143034  | 7.38%  | 0.563% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 56 | 12.640 | 1892 | 1895 | 1898 | rVB4 | 43987  | 57824  | 2.98%  | 0.228% |
| 57 | 12.683 | 1898 | 1902 | 1906 | rBV3 | 82179  | 130781 | 6.75%  | 0.515% |
| 58 | 12.817 | 1920 | 1924 | 1930 | rVB2 | 179895 | 257822 | 13.30% | 1.015% |
| 59 | 12.890 | 1930 | 1936 | 1943 | rBV5 | 162452 | 388682 | 20.05% | 1.530% |
| 60 | 12.945 | 1943 | 1945 | 1947 | rVV2 | 69083  | 82828  | 4.27%  | 0.326% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 61 | 12.981 | 1947 | 1951 | 1955 | rVB3 | 156735 | 240307 | 12.40% | 0.946% |
| 62 | 13.042 | 1957 | 1961 | 1964 | rVB  | 128519 | 143995 | 7.43%  | 0.567% |
| 63 | 13.164 | 1977 | 1981 | 1986 | rVB4 | 73764  | 128123 | 6.61%  | 0.504% |
| 64 | 13.213 | 1986 | 1989 | 1991 | rVV  | 51800  | 63705  | 3.29%  | 0.251% |
| 65 | 13.268 | 1994 | 1998 | 2000 | rVV  | 489581 | 600301 | 30.97% | 2.363% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 66 | 13.292 | 2000 | 2002 | 2007 | rVV2 | 265023 | 341806 | 17.63% | 1.346% |
| 67 | 13.347 | 2007 | 2011 | 2013 | rVV3 | 48031  | 60502  | 3.12%  | 0.238% |
| 68 | 13.384 | 2014 | 2017 | 2019 | rVV2 | 100362 | 121934 | 6.29%  | 0.480% |
| 69 | 13.420 | 2019 | 2023 | 2032 | rVB4 | 175367 | 400803 | 20.67% | 1.578% |
| 70 | 13.500 | 2032 | 2036 | 2040 | rBV6 | 60350  | 102463 | 5.29%  | 0.403% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 71 | 13.585 | 2047 | 2050 | 2054 | rBV6 | 53178  | 78223  | 4.03%  | 0.308% |
| 72 | 13.676 | 2061 | 2065 | 2067 | rBV4 | 64796  | 106586 | 5.50%  | 0.420% |
| 73 | 13.737 | 2072 | 2075 | 2078 | rVV2 | 95615  | 152904 | 7.89%  | 0.602% |
| 74 | 13.804 | 2082 | 2086 | 2088 | rVV2 | 112440 | 151459 | 7.81%  | 0.596% |
| 75 | 13.847 | 2088 | 2093 | 2099 | rVB4 | 160052 | 324030 | 16.71% | 1.276% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 76 | 13.920 | 2099 | 2105 | 2112 | rBV5 | 119989 | 271294 | 13.99% | 1.068% |
|----|--------|------|------|------|------|--------|--------|--------|--------|

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Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
 Title : SW846 8260

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 14.036 | 2121 | 2124 | 2128 | rVB  | 273176 | 289746 | 14.95% | 1.141% |
| 78  | 14.079 | 2128 | 2131 | 2133 | rBV2 | 58462  | 73718  | 3.80%  | 0.290% |
| 79  | 14.225 | 2150 | 2155 | 2160 | rVB2 | 176731 | 308513 | 15.91% | 1.215% |
| 80  | 14.371 | 2176 | 2179 | 2183 | rVV  | 51194  | 60230  | 3.11%  | 0.237% |
| 81  | 14.481 | 2193 | 2197 | 2206 | rVB5 | 121241 | 264307 | 13.63% | 1.041% |
| 82  | 14.566 | 2206 | 2211 | 2215 | rVB5 | 47451  | 93042  | 4.80%  | 0.366% |
| 83  | 14.615 | 2215 | 2219 | 2222 | rBV  | 211499 | 300399 | 15.50% | 1.183% |
| 84  | 14.670 | 2226 | 2228 | 2233 | rVB3 | 92262  | 117795 | 6.08%  | 0.464% |
| 85  | 14.725 | 2234 | 2237 | 2239 | rBV4 | 42064  | 54141  | 2.79%  | 0.213% |
| 86  | 14.755 | 2239 | 2242 | 2245 | rBV  | 211645 | 212853 | 10.98% | 0.838% |
| 87  | 14.847 | 2254 | 2257 | 2260 | rVB4 | 53128  | 55495  | 2.86%  | 0.218% |
| 88  | 14.902 | 2263 | 2266 | 2277 | rVB5 | 45384  | 100583 | 5.19%  | 0.396% |
| 89  | 15.042 | 2286 | 2289 | 2293 | rVB3 | 30631  | 45302  | 2.34%  | 0.178% |
| 90  | 15.182 | 2308 | 2312 | 2314 | rBV2 | 114738 | 149977 | 7.74%  | 0.590% |
| 91  | 15.213 | 2314 | 2317 | 2320 | rVB  | 94770  | 113935 | 5.88%  | 0.449% |
| 92  | 15.280 | 2325 | 2328 | 2331 | rVB3 | 51363  | 62386  | 3.22%  | 0.246% |
| 93  | 15.377 | 2340 | 2344 | 2348 | rBV6 | 54310  | 87518  | 4.51%  | 0.345% |
| 94  | 15.487 | 2357 | 2362 | 2367 | rBV2 | 264287 | 390743 | 20.16% | 1.538% |
| 95  | 15.615 | 2379 | 2383 | 2386 | rVB3 | 56662  | 80949  | 4.18%  | 0.319% |
| 96  | 15.841 | 2417 | 2420 | 2423 | rBV4 | 21287  | 34835  | 1.80%  | 0.137% |
| 97  | 15.883 | 2424 | 2427 | 2433 | rVB3 | 36603  | 71470  | 3.69%  | 0.281% |
| 98  | 16.030 | 2448 | 2451 | 2456 | rVB2 | 57868  | 85270  | 4.40%  | 0.336% |
| 99  | 16.091 | 2456 | 2461 | 2464 | rBV5 | 47227  | 97067  | 5.01%  | 0.382% |
| 100 | 16.377 | 2502 | 2508 | 2517 | rVB  | 410911 | 682382 | 35.20% | 2.687% |

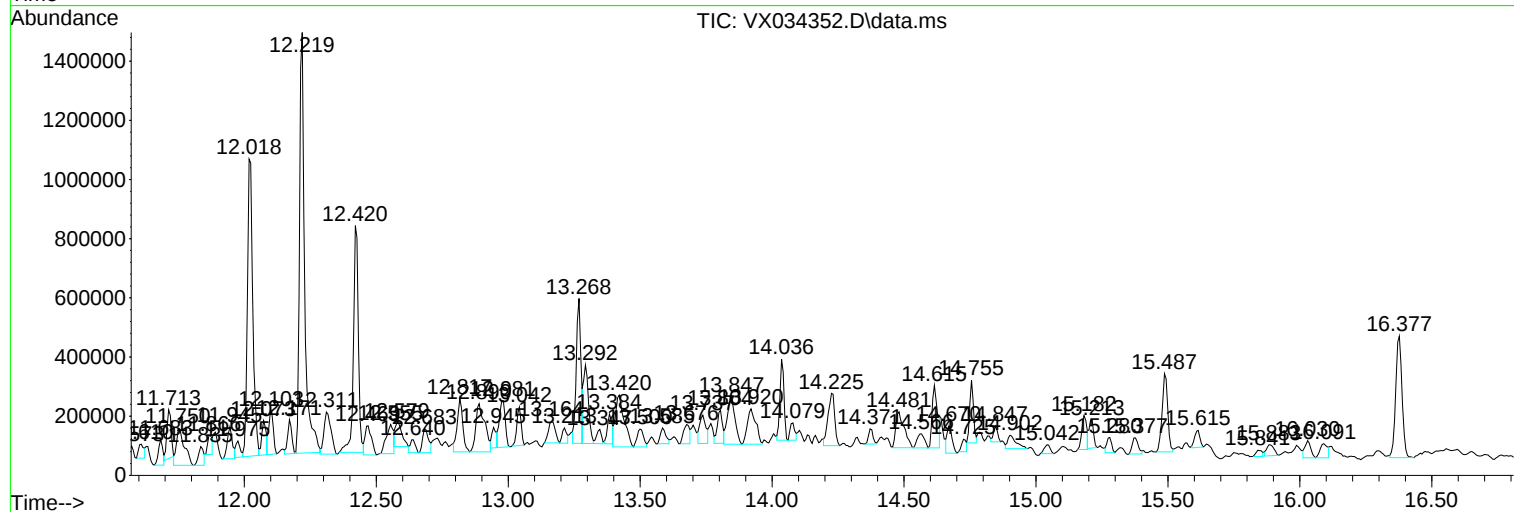
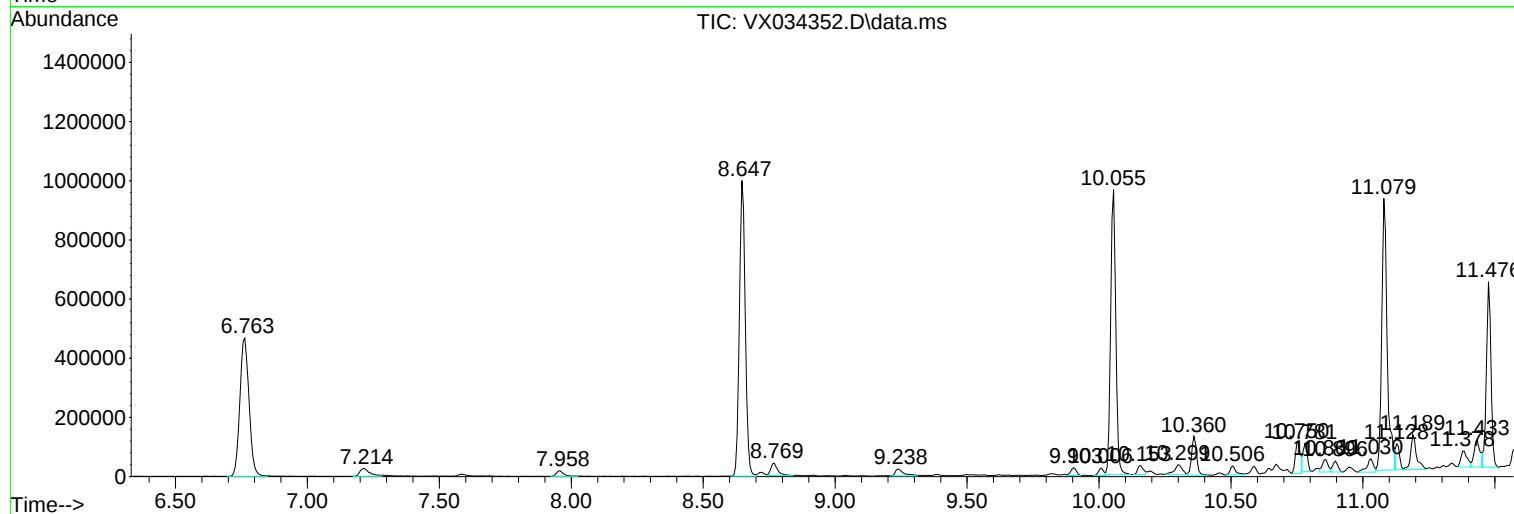
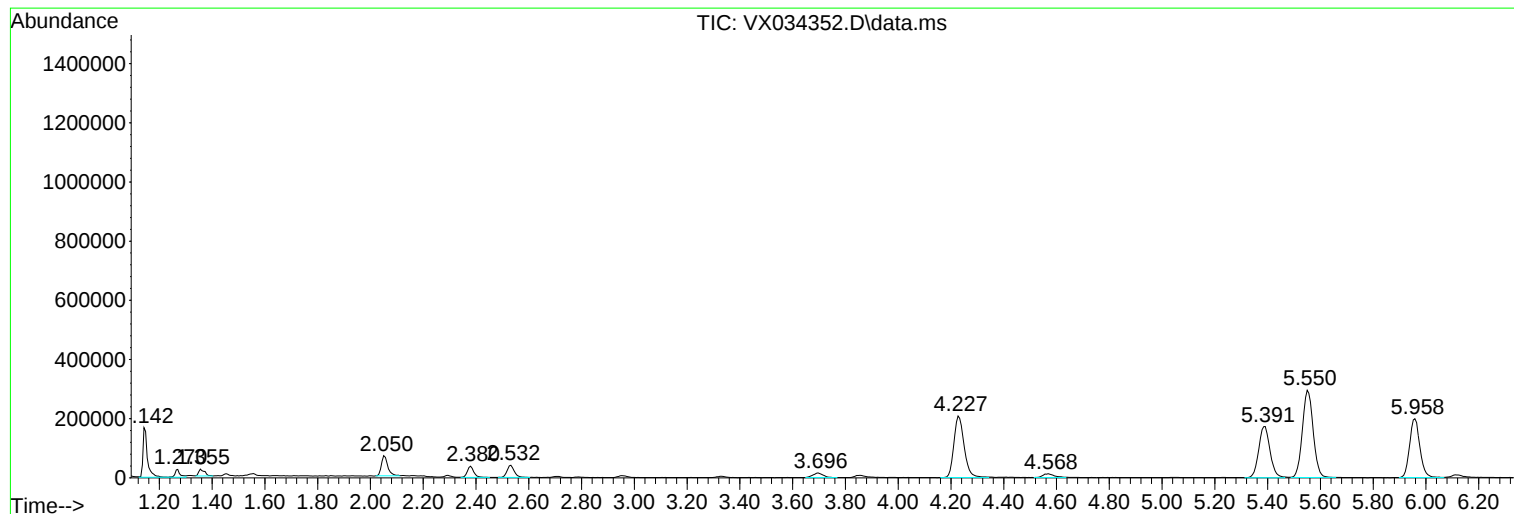
Sum of corrected areas: 25399698

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260

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



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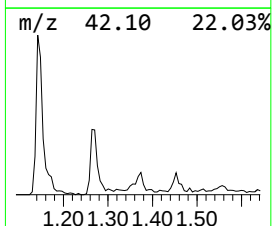
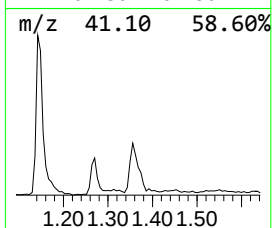
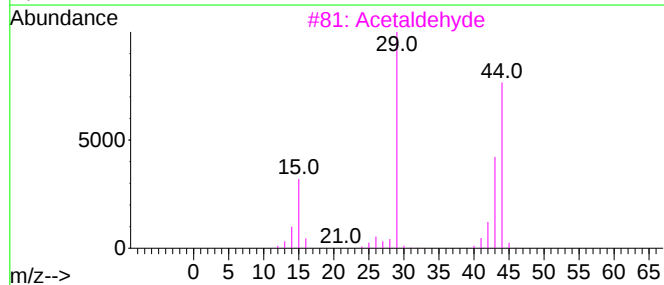
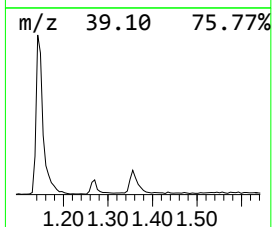
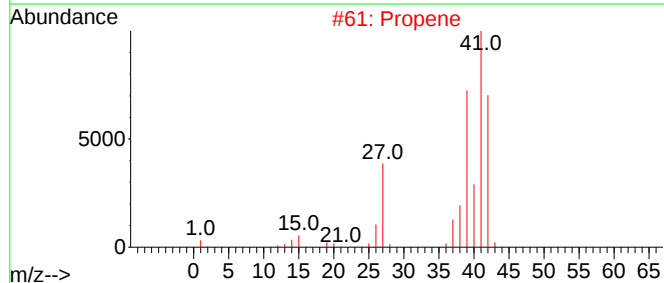
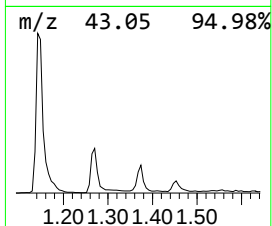
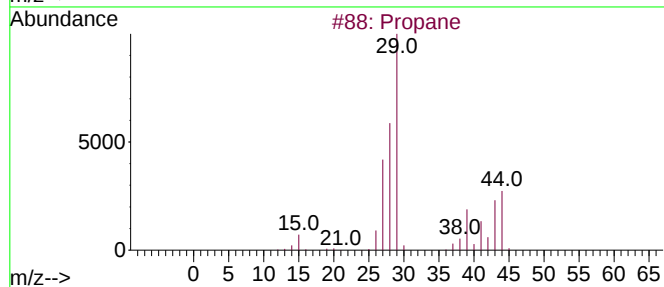
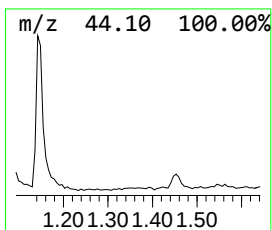
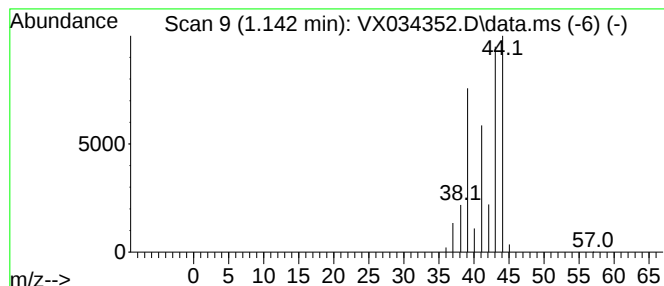
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 1 Propane Concentration Rank 10

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 1.142 | 11.49 ug/l | 192897 | Pentafluorobenzene | 5.550 |

| Hit# | of | 5 | Tentative ID   | MW | MolForm | CAS#        | Qual |
|------|----|---|----------------|----|---------|-------------|------|
| 1    |    |   | Propane        | 44 | C3H8    | 000074-98-6 | 90   |
| 2    |    |   | Propene        | 42 | C3H6    | 000115-07-1 | 9    |
| 3    |    |   | Acetaldehyde   | 44 | C2H4O   | 000075-07-0 | 5    |
| 4    |    |   | Ethylene oxide | 44 | C2H4O   | 000075-21-8 | 5    |
| 5    |    |   | Cyclopropene   | 40 | C3H4    | 002781-85-3 | 2    |



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

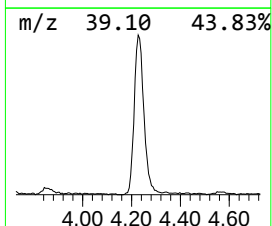
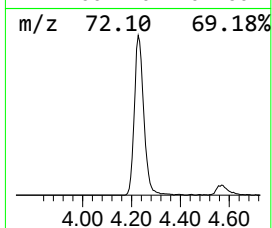
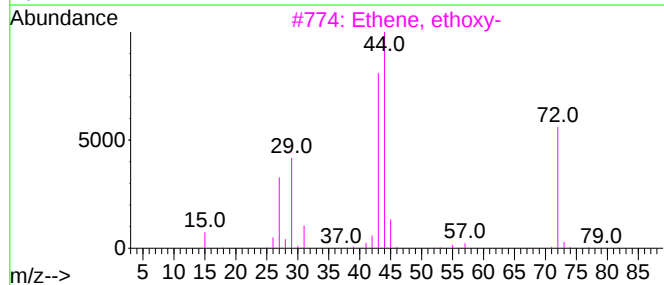
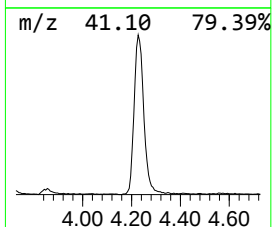
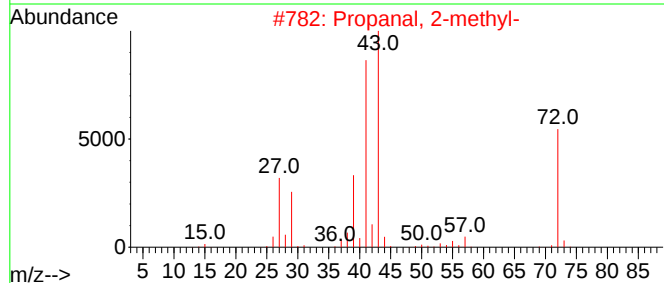
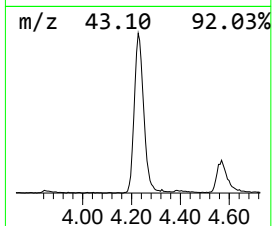
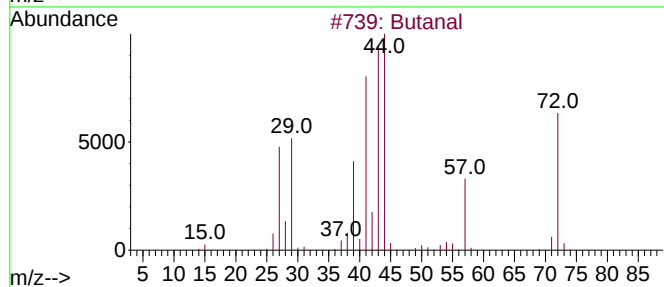
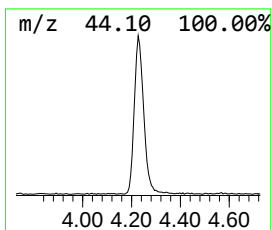
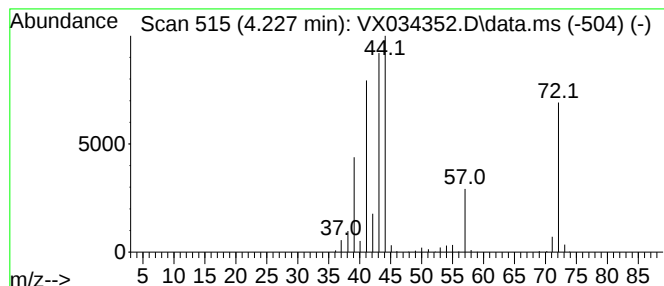
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Peak Number 2 Butanal Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 4.227 | 33.74 ug/l | 566370 | Pentafluorobenzene | 5.550 |

| Hit# | of 5 | Tentative ID           | MW | MolForm | CAS#        | Qual |
|------|------|------------------------|----|---------|-------------|------|
| 1    |      | Butanal                | 72 | C4H8O   | 000123-72-8 | 94   |
| 2    |      | Propanal, 2-methyl-    | 72 | C4H8O   | 000078-84-2 | 52   |
| 3    |      | Ethene, ethoxy-        | 72 | C4H8O   | 000109-92-2 | 49   |
| 4    |      | 1-Propene, 3-methoxy-  | 72 | C4H8O   | 000627-40-7 | 38   |
| 5    |      | 2-Propanone, hydrazone | 72 | C3H8N2  | 005281-20-9 | 25   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030623\  
Data File : VX034352.D  
Acq On : 06 Mar 2023 16:11  
Operator : JC/MD  
Sample : 01803-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP-VOC

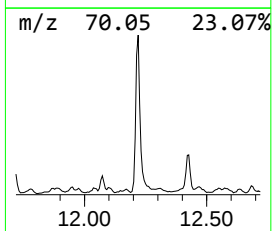
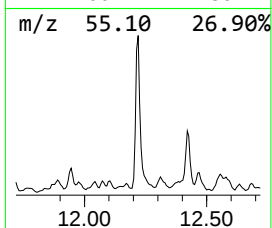
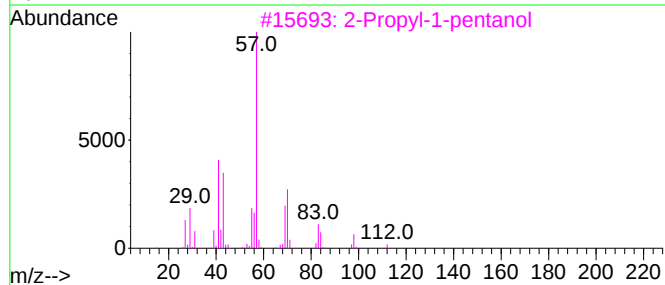
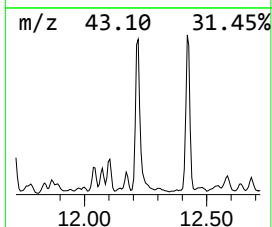
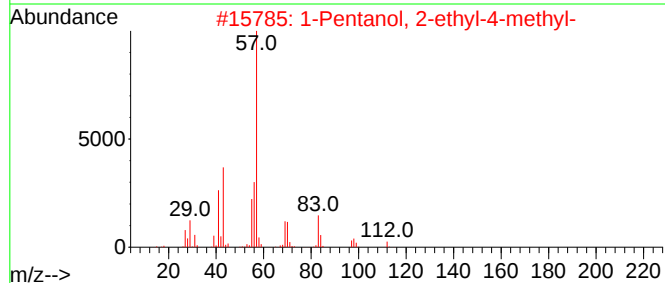
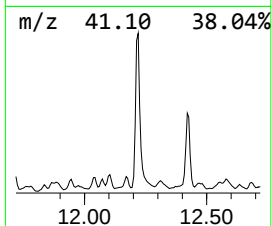
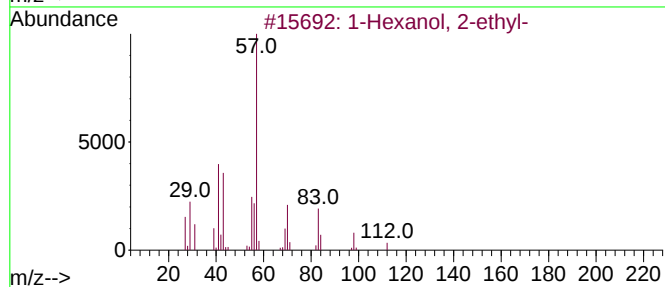
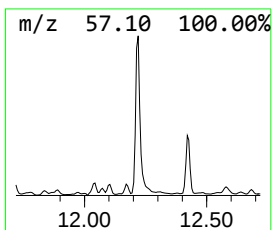
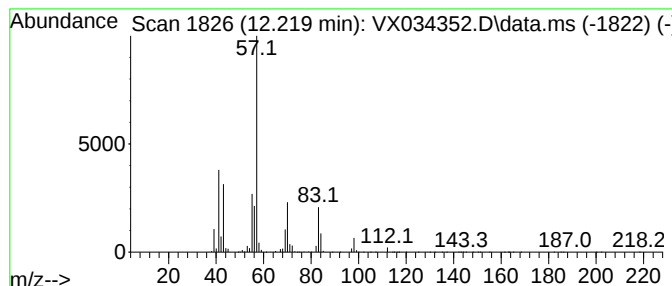
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 1

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 12.219 | 67.56 ug/l | 1938620 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#         | Qual |
|------|----|---|---------------------------------|-----|---------|--------------|------|
| 1    |    |   | 1-Hexanol, 2-ethyl-             | 130 | C8H18O  | 000104-76-7  | 83   |
| 2    |    |   | 1-Pentanol, 2-ethyl-4-methyl-   | 130 | C8H18O  | 000106-67-2  | 56   |
| 3    |    |   | 2-Propyl-1-pentanol             | 130 | C8H18O  | 058175-57-8  | 53   |
| 4    |    |   | Heptane, 1,1'-oxybis-           | 214 | C14H30O | 000629-64-1  | 53   |
| 5    |    |   | 2-Ethyl-1-hexanol, methyl ether | 144 | C9H20O  | 1000365-10-2 | 47   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030623\  
Data File : VX034352.D  
Acq On : 06 Mar 2023 16:11  
Operator : JC/MD  
Sample : 01803-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260

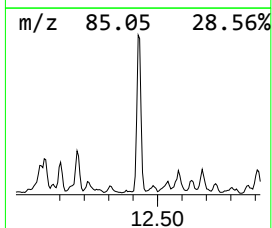
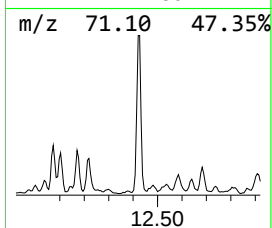
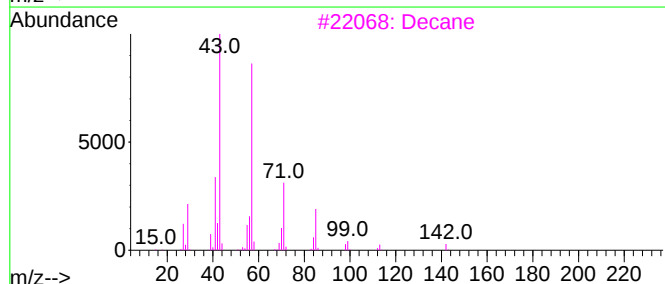
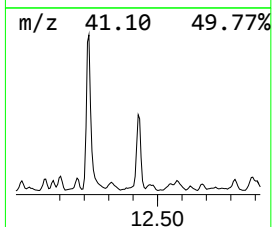
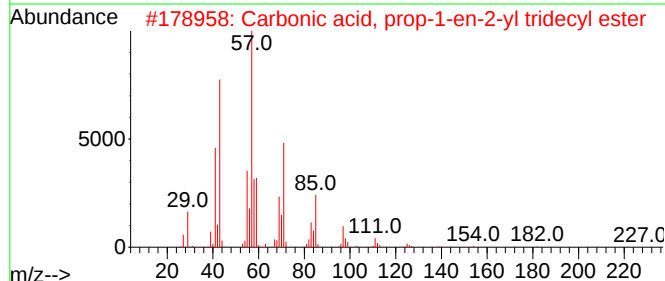
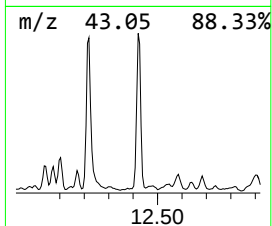
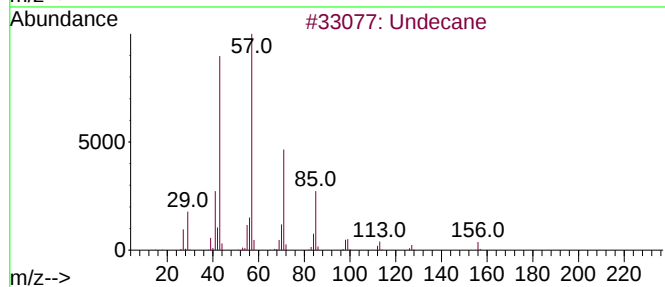
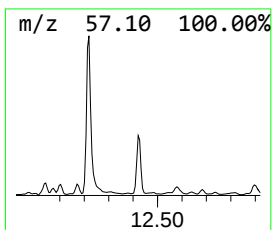
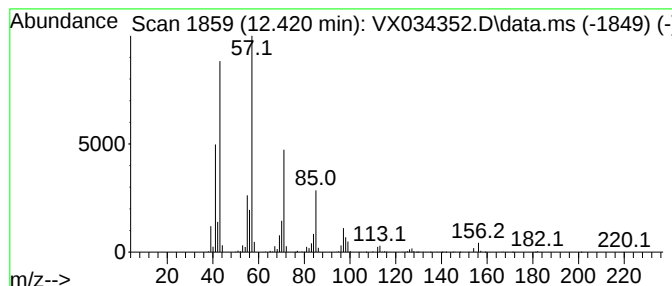
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Undecane Concentration Rank 2

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 12.421 | 34.93 ug/l | 1002390 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm  | CAS#         | Qual |
|------|-------------------------------------|---|--------------|-----|----------|--------------|------|
| 1    | Undecane                            |   |              | 156 | C11H24   | 001120-21-4  | 94   |
| 2    | Carbonic acid, prop-1-en-2-yl tr... |   |              | 284 | C17H32O3 | 1000382-90-8 | 91   |
| 3    | Decane                              |   |              | 142 | C10H22   | 000124-18-5  | 86   |
| 4    | Carbonic acid, prop-1-en-2-yl te... |   |              | 298 | C18H34O3 | 1000382-90-9 | 86   |
| 5    | Dodecane                            |   |              | 170 | C12H26   | 000112-40-3  | 86   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030623\  
Data File : VX034352.D  
Acq On : 06 Mar 2023 16:11  
Operator : JC/MD  
Sample : 01803-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP-VOC

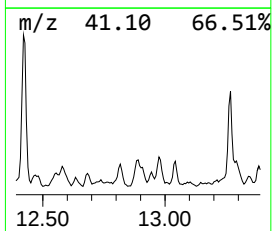
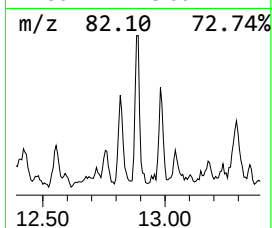
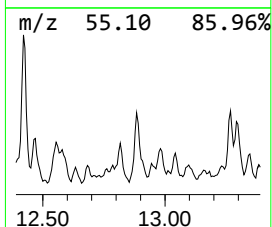
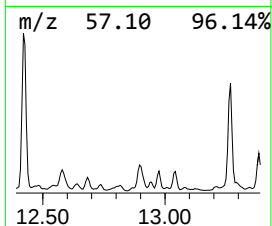
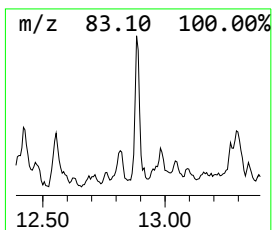
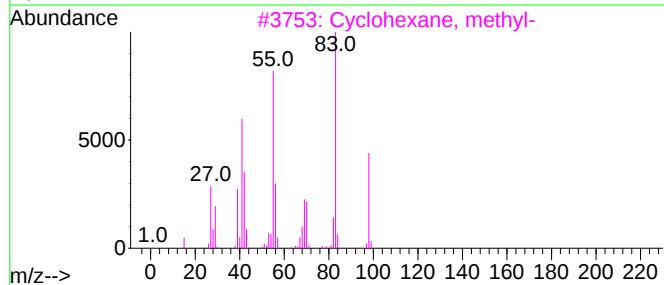
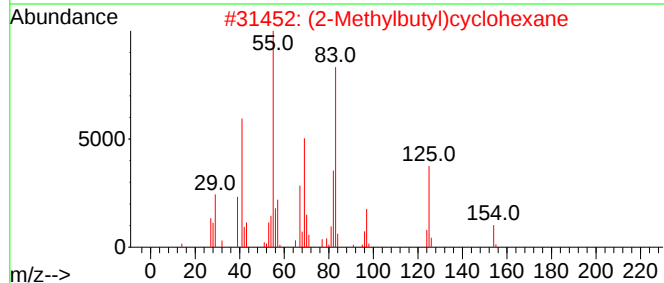
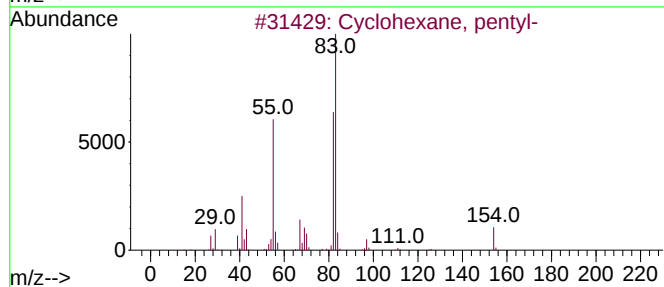
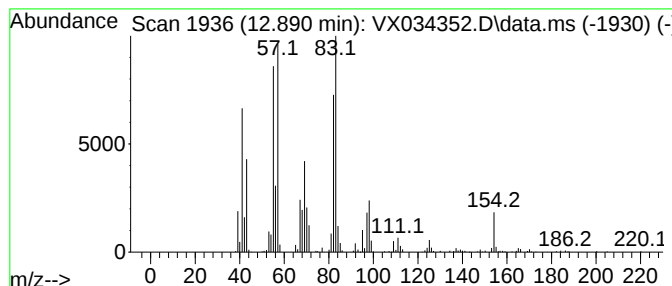
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Quant Title : SW846 8260

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

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Peak Number 5 Cyclohexane, pentyl- Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.890 | 13.54 ug/l | 388682 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, pentyl-                | 154 | C11H22  | 004292-92-6 | 53   |
| 2    |    |   | (2-Methylbutyl)cyclohexane          | 154 | C11H22  | 054105-77-0 | 52   |
| 3    |    |   | Cyclohexane, methyl-                | 98  | C7H14   | 000108-87-2 | 49   |
| 4    |    |   | Cyclopentane, 1-methyl-3-(1-meth... | 126 | C9H18   | 053771-88-3 | 46   |
| 5    |    |   | 2-Pentene, 3,4-dimethyl-, (E)-      | 98  | C7H14   | 004914-92-5 | 43   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030623\  
Data File : VX034352.D  
Acq On : 06 Mar 2023 16:11  
Operator : JC/MD  
Sample : 01803-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260

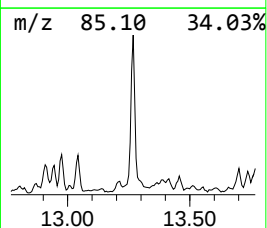
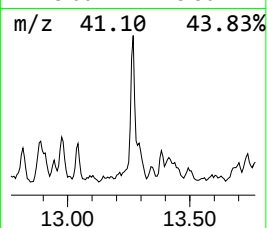
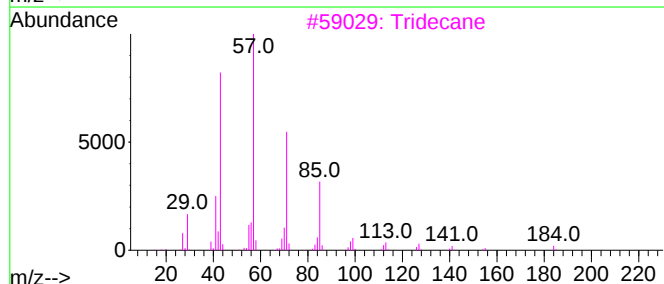
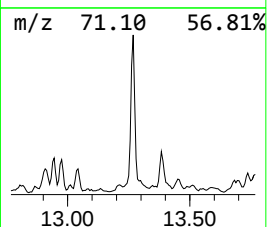
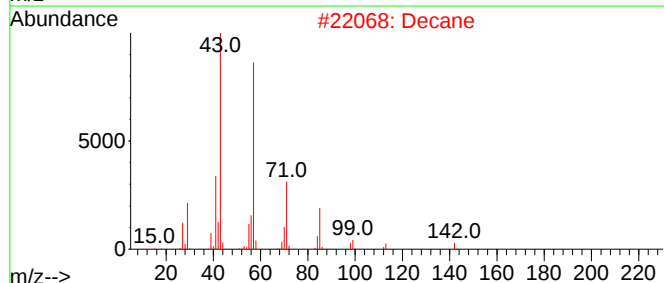
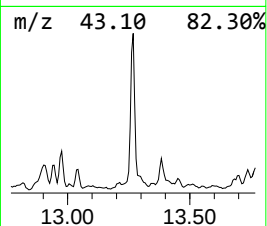
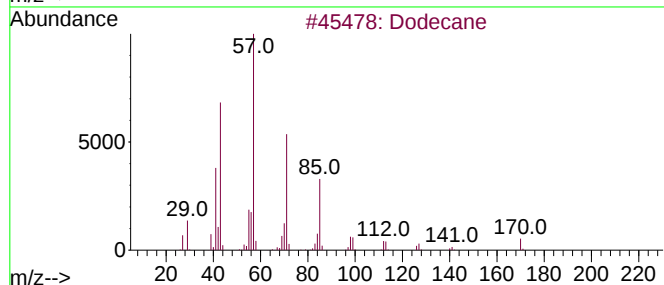
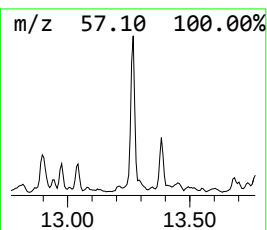
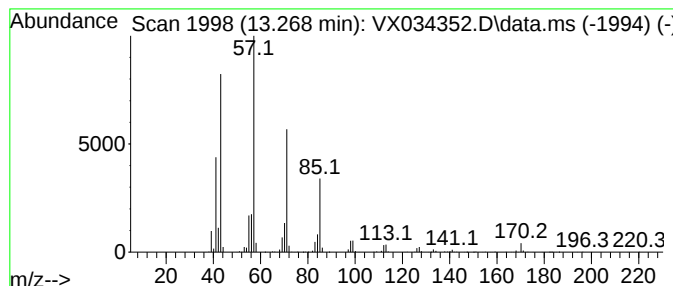
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Dodecane Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.268 | 20.92 ug/l | 600301 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane     | 170 | C12H26  | 000112-40-3 | 96   |
| 2    |    |   | Decane       | 142 | C10H22  | 000124-18-5 | 91   |
| 3    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 90   |
| 4    |    |   | Tetradecane  | 198 | C14H30  | 000629-59-4 | 90   |
| 5    |    |   | Undecane     | 156 | C11H24  | 001120-21-4 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030623\  
Data File : VX034352.D  
Acq On : 06 Mar 2023 16:11  
Operator : JC/MD  
Sample : 01803-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260

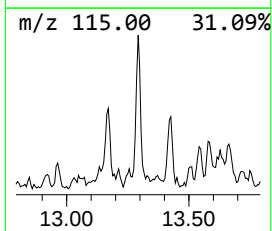
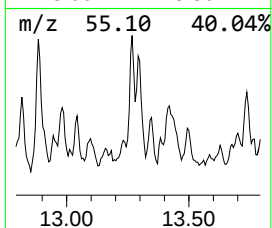
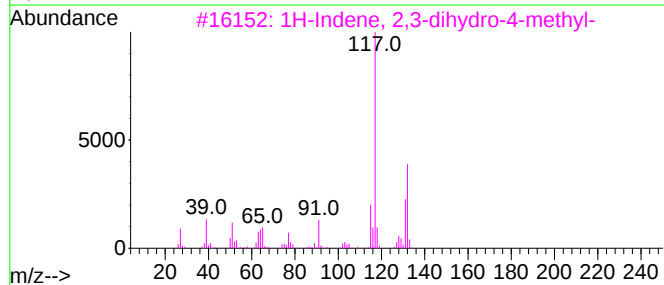
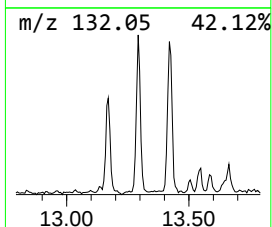
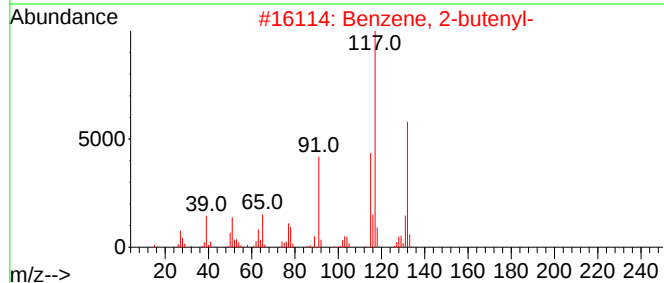
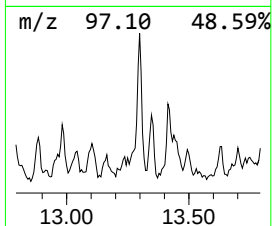
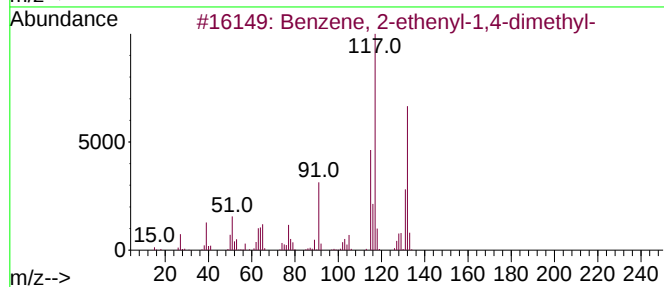
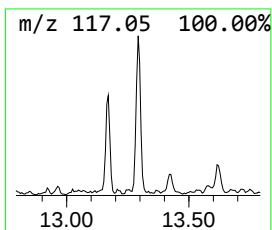
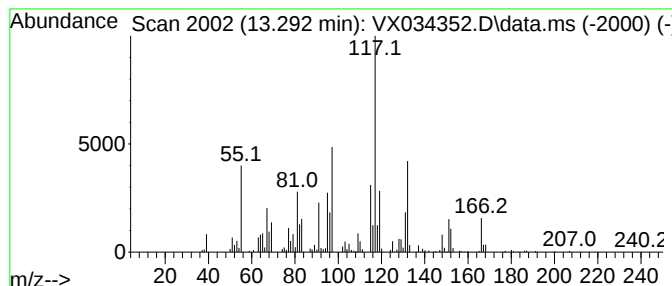
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.292 | 11.91 ug/l | 341806 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12  | 002039-89-6 | 55   |
| 2    |    |   | Benzene, 2-butenyl-              | 132 | C10H12  | 001560-06-1 | 55   |
| 3    |    |   | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12  | 000824-22-6 | 55   |
| 4    |    |   | Benzene, (2-methyl-1-propenyl)-  | 132 | C10H12  | 000768-49-0 | 55   |
| 5    |    |   | 1-Methyl-2-phenylcyclopropane    | 132 | C10H12  | 003145-76-4 | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030623\  
Data File : VX034352.D  
Acq On : 06 Mar 2023 16:11  
Operator : JC/MD  
Sample : 01803-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260

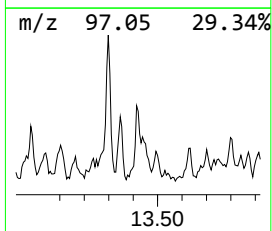
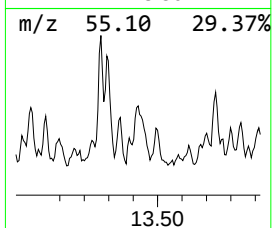
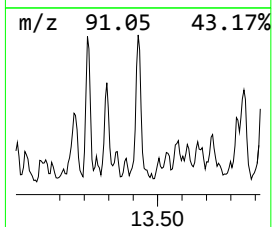
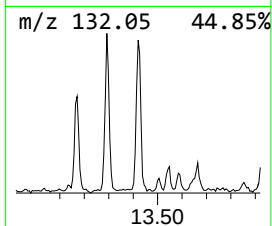
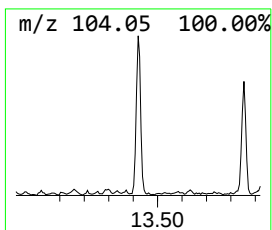
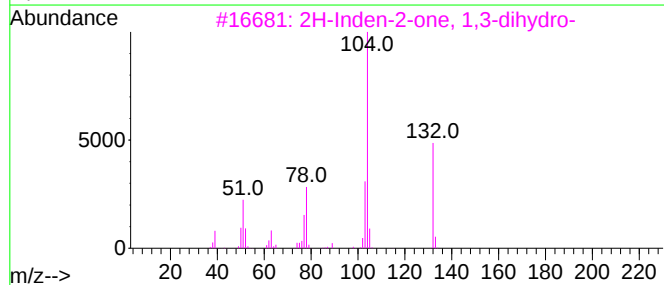
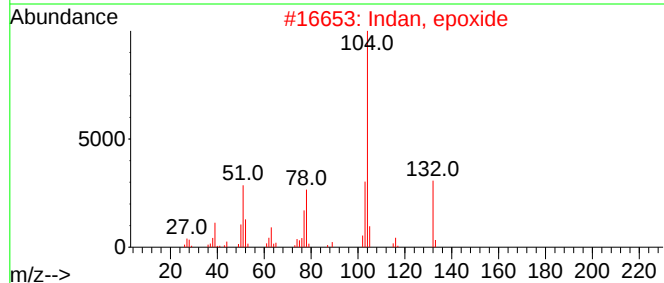
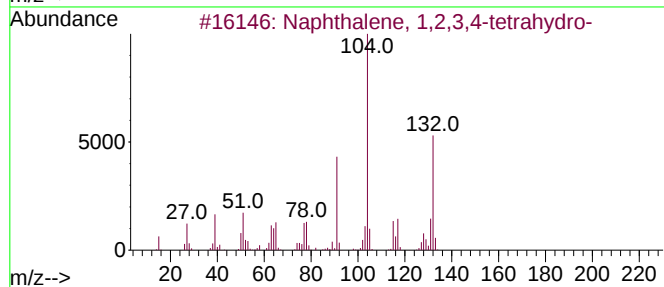
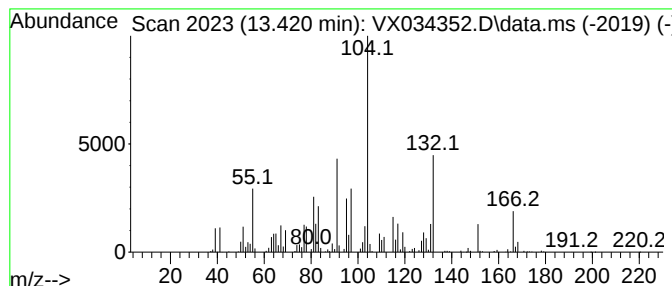
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.420 | 13.97 ug/l | 400803 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-    | 132 | C10H12   | 000119-64-2  | 90   |
| 2    |    |   | Indan, epoxide                      | 132 | C9H8O    | 000768-22-9  | 46   |
| 3    |    |   | 2H-Inden-2-one, 1,3-dihydro-        | 132 | C9H8O    | 000615-13-4  | 43   |
| 4    |    |   | Benzene, cyclobutyl-                | 132 | C10H12   | 004392-30-7  | 37   |
| 5    |    |   | 1.beta.,4.beta.-Dihydroxy-trans-... | 168 | C10H16O2 | 1000145-23-4 | 27   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030623\  
Data File : VX034352.D  
Acq On : 06 Mar 2023 16:11  
Operator : JC/MD  
Sample : 01803-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260

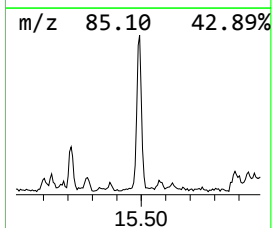
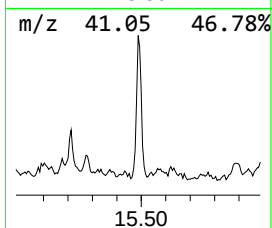
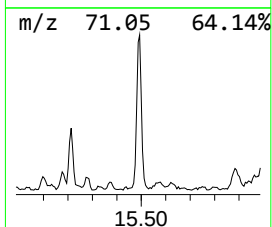
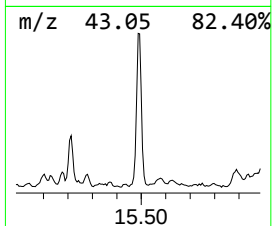
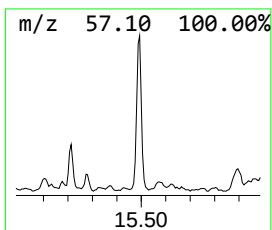
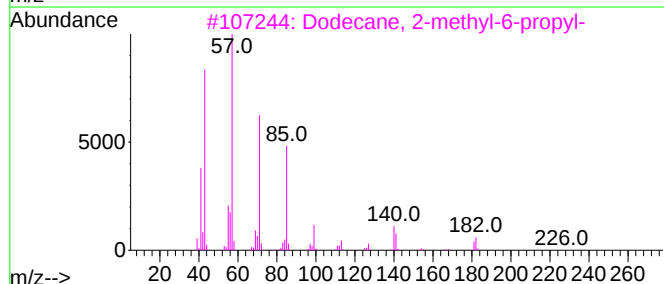
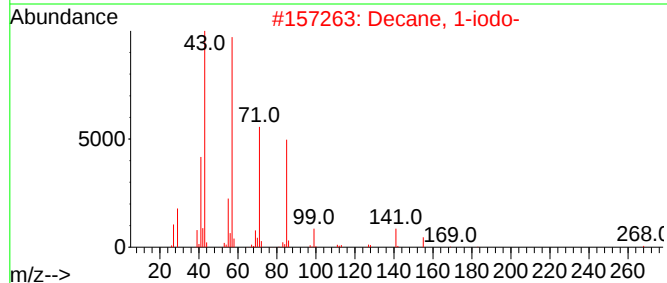
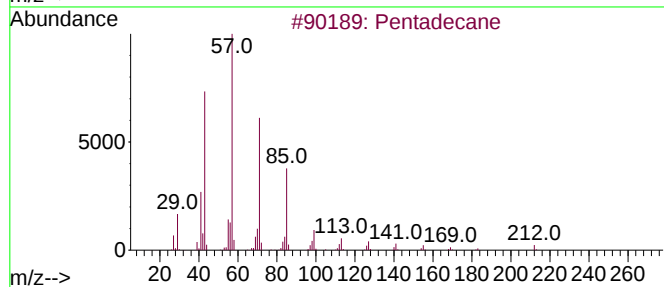
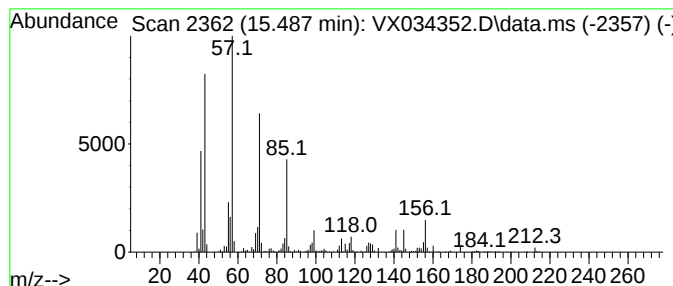
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Pentadecane Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.487 | 13.62 ug/l | 390743 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Pentadecane                  | 212 | C15H32  | 000629-62-9 | 95   |
| 2    |    |   | Decane, 1-iodo-              | 268 | C10H21I | 002050-77-3 | 72   |
| 3    |    |   | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 64   |
| 4    |    |   | Eicosane                     | 282 | C20H42  | 000112-95-8 | 64   |
| 5    |    |   | Heptadecane                  | 240 | C17H36  | 000629-78-7 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030623\  
Data File : VX034352.D  
Acq On : 06 Mar 2023 16:11  
Operator : JC/MD  
Sample : 01803-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP-VOC

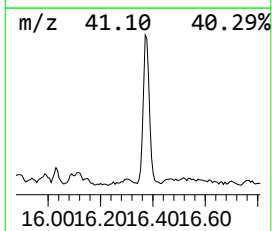
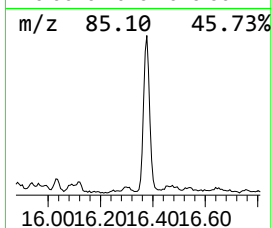
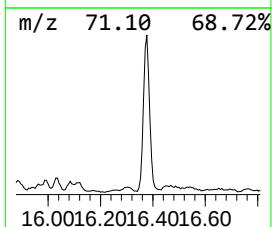
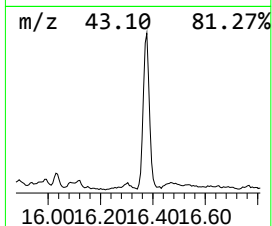
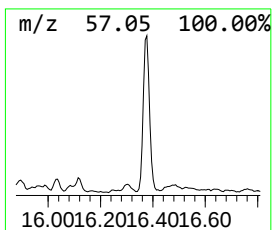
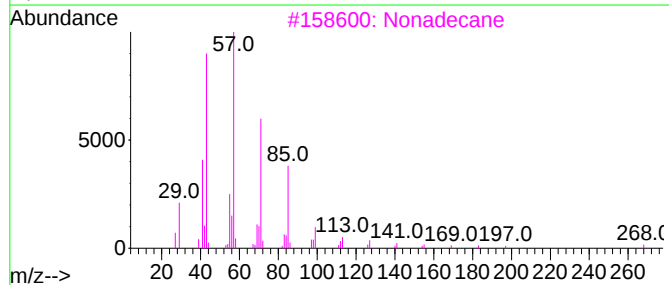
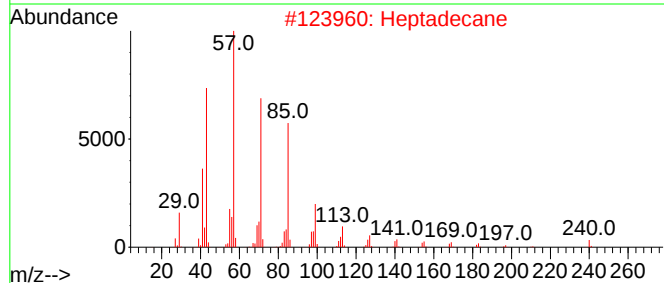
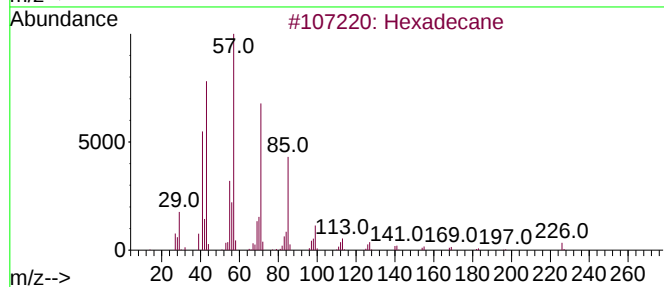
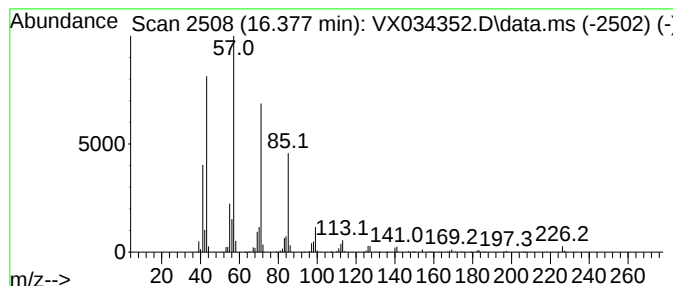
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260

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

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Peak Number 10 Hexadecane Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 16.377 | 23.78 ug/l | 682382 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Hexadecane                         | 226 | C16H34   | 000544-76-3  | 97   |
| 2    |    |   | Heptadecane                        | 240 | C17H36   | 000629-78-7  | 91   |
| 3    |    |   | Nonadecane                         | 268 | C19H40   | 000629-92-5  | 91   |
| 4    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 91   |
| 5    |    |   | Tridecane                          | 184 | C13H28   | 000629-50-5  | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030623\  
Data File : VX034352.D  
Acq On : 06 Mar 2023 16:11  
Operator : JC/MD  
Sample : 01803-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.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 |
| Propane            | 1.142  | 11.5    | ug/l  | 192897   | 1                     | 5.550  | 839255  | 50.0 |
| Butanal            | 4.227  | 33.7    | ug/l  | 566370   | 1                     | 5.550  | 839255  | 50.0 |
| 1-Hexanol, 2-et... | 12.219 | 67.6    | ug/l  | 1938620  | 4                     | 12.024 | 1434790 | 50.0 |
| Undecane           | 12.421 | 34.9    | ug/l  | 1002390  | 4                     | 12.024 | 1434790 | 50.0 |
| Cyclohexane, pe... | 12.890 | 13.5    | ug/l  | 388682   | 4                     | 12.024 | 1434790 | 50.0 |
| Dodecane           | 13.268 | 20.9    | ug/l  | 600301   | 4                     | 12.024 | 1434790 | 50.0 |
| Benzene, 2-ethe... | 13.292 | 11.9    | ug/l  | 341806   | 4                     | 12.024 | 1434790 | 50.0 |
| Naphthalene, 1,... | 13.420 | 14.0    | ug/l  | 400803   | 4                     | 12.024 | 1434790 | 50.0 |
| Pentadecane        | 15.487 | 13.6    | ug/l  | 390743   | 4                     | 12.024 | 1434790 | 50.0 |
| Hexadecane         | 16.377 | 23.8    | ug/l  | 682382   | 4                     | 12.024 | 1434790 | 50.0 |