

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060421\  
 Data File : VX022415.D  
 Acq On : 04 Jun 2021 16:19  
 Operator : JC/MD  
 Sample : M2512-08 4X  
 Misc : 1.10g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 COMP-1-3

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\82X051921W.M  
 Title : SW846 8260

Signal : TIC: VX022415.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           | 18           | rBV      | 181253         | 158767        | 5.32%           | 0.309%        |
| 2         | 1.374       | 41            | 47          | 53           | rBV      | 258809         | 266763        | 8.95%           | 0.519%        |
| 3         | 1.709       | 98            | 102         | 110          | rVB      | 165547         | 217713        | 7.30%           | 0.424%        |
| 4         | 1.929       | 133           | 138         | 148          | rVB      | 164715         | 220761        | 7.40%           | 0.430%        |
| 5         | 2.813       | 278           | 283         | 299          | rVB      | 102380         | 223664        | 7.50%           | 0.435%        |
| 6         | 3.440       | 377           | 386         | 404          | rVB      | 124339         | 283211        | 9.50%           | 0.551%        |
| 7         | 4.245       | 502           | 518         | 523          | rBV      | 71068          | 224389        | 7.53%           | 0.437%        |
| 8         | 5.495       | 712           | 723         | 729          | rVV4     | 78674          | 328064        | 11.00%          | 0.638%        |
| 9         | 5.824       | 766           | 777         | 791          | rBV2     | 79830          | 241279        | 8.09%           | 0.470%        |
| 10        | 6.044       | 806           | 813         | 823          | rVV2     | 71188          | 191733        | 6.43%           | 0.373%        |
| 11        | 6.617       | 897           | 907         | 921          | rBV      | 161253         | 388647        | 13.04%          | 0.756%        |
| 12        | 6.769       | 923           | 932         | 944          | rVB2     | 124577         | 297330        | 9.97%           | 0.579%        |
| 13        | 7.239       | 1001          | 1009        | 1020         | rBV2     | 137784         | 302621        | 10.15%          | 0.589%        |
| 14        | 7.385       | 1023          | 1033        | 1045         | rVB      | 274354         | 617469        | 20.71%          | 1.202%        |
| 15        | 8.281       | 1174          | 1180        | 1183         | rVV      | 140801         | 237170        | 7.95%           | 0.462%        |
| 16        | 8.440       | 1201          | 1206        | 1216         | rVB      | 137063         | 251198        | 8.43%           | 0.489%        |
| 17        | 8.604       | 1226          | 1233        | 1236         | rBV      | 108844         | 195764        | 6.57%           | 0.381%        |
| 18        | 8.653       | 1236          | 1241        | 1247         | rVV      | 290187         | 476858        | 15.99%          | 0.928%        |
| 19        | 8.720       | 1247          | 1252        | 1258         | rVV      | 312284         | 486110        | 16.30%          | 0.946%        |
| 20        | 8.915       | 1278          | 1284        | 1290         | rBV      | 350491         | 490181        | 16.44%          | 0.954%        |
| 21        | 9.506       | 1371          | 1381        | 1387         | rBV2     | 84413          | 174408        | 5.85%           | 0.339%        |
| 22        | 9.567       | 1387          | 1391        | 1396         | rVB      | 103502         | 145385        | 4.88%           | 0.283%        |
| 23        | 9.909       | 1443          | 1447        | 1452         | rVB      | 243809         | 341378        | 11.45%          | 0.664%        |
| 24        | 10.012      | 1458          | 1464        | 1468         | rBV      | 194961         | 264145        | 8.86%           | 0.514%        |
| 25        | 10.061      | 1468          | 1472        | 1477         | rVB      | 252422         | 345662        | 11.59%          | 0.673%        |
| 26        | 10.195      | 1486          | 1494        | 1499         | rVB      | 125756         | 185952        | 6.24%           | 0.362%        |
| 27        | 10.305      | 1504          | 1512        | 1518         | rVV      | 737746         | 1159308       | 38.88%          | 2.256%        |
| 28        | 10.366      | 1518          | 1522        | 1533         | rVB      | 573848         | 750018        | 25.16%          | 1.460%        |
| 29        | 10.592      | 1552          | 1559        | 1563         | rBV3     | 97363          | 162924        | 5.46%           | 0.317%        |
| 30        | 10.646      | 1563          | 1568        | 1571         | rBV      | 261896         | 332500        | 11.15%          | 0.647%        |
| 31        | 10.781      | 1587          | 1590        | 1595         | rVB      | 116525         | 153935        | 5.16%           | 0.300%        |
| 32        | 10.860      | 1595          | 1603        | 1607         | rBV3     | 155730         | 261949        | 8.79%           | 0.510%        |
| 33        | 11.031      | 1623          | 1631        | 1635         | rBV2     | 80283          | 147608        | 4.95%           | 0.287%        |
| 34        | 11.085      | 1635          | 1640        | 1643         | rBV2     | 322131         | 458197        | 15.37%          | 0.892%        |
| 35        | 11.195      | 1654          | 1658        | 1661         | rBV      | 133710         | 159695        | 5.36%           | 0.311%        |
| 36        | 11.384      | 1685          | 1689        | 1695         | rVV      | 264323         | 460616        | 15.45%          | 0.896%        |

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Integrator: RTE

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Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
 Title : SW846 8260

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 11.457 | 1695 | 1701 | 1702 | rVV2 | 265125  | 429013  | 14.39%  | 0.835% |
| 38 | 11.482 | 1702 | 1705 | 1709 | rVB  | 701593  | 795870  | 26.69%  | 1.549% |
| 39 | 11.616 | 1722 | 1727 | 1734 | rBV4 | 105807  | 198129  | 6.65%   | 0.386% |
| 40 | 11.689 | 1735 | 1739 | 1741 | rVV  | 157388  | 177267  | 5.95%   | 0.345% |
| 41 | 11.756 | 1746 | 1750 | 1760 | rVB  | 570803  | 784209  | 26.30%  | 1.526% |
| 42 | 11.945 | 1777 | 1781 | 1784 | rVV  | 141166  | 187956  | 6.30%   | 0.366% |
| 43 | 12.024 | 1789 | 1794 | 1800 | rVV3 | 305901  | 563551  | 18.90%  | 1.097% |
| 44 | 12.091 | 1800 | 1805 | 1811 | rVB3 | 199894  | 461467  | 15.48%  | 0.898% |
| 45 | 12.268 | 1832 | 1834 | 1838 | rVB  | 135318  | 156861  | 5.26%   | 0.305% |
| 46 | 12.317 | 1838 | 1842 | 1849 | rVB4 | 340980  | 578229  | 19.39%  | 1.125% |
| 47 | 12.427 | 1855 | 1860 | 1864 | rBV  | 877991  | 964419  | 32.35%  | 1.877% |
| 48 | 12.469 | 1864 | 1867 | 1873 | rVB3 | 127451  | 208125  | 6.98%   | 0.405% |
| 49 | 12.561 | 1873 | 1882 | 1884 | rBV2 | 189628  | 413589  | 13.87%  | 0.805% |
| 50 | 12.616 | 1888 | 1891 | 1894 | rVV  | 133294  | 161839  | 5.43%   | 0.315% |
| 51 | 12.664 | 1894 | 1899 | 1905 | rVV2 | 357072  | 535264  | 17.95%  | 1.042% |
| 52 | 12.719 | 1905 | 1908 | 1913 | rVB3 | 189711  | 280138  | 9.40%   | 0.545% |
| 53 | 12.817 | 1918 | 1924 | 1932 | rVB  | 1211007 | 1805700 | 60.56%  | 3.514% |
| 54 | 12.890 | 1932 | 1936 | 1938 | rBV  | 258432  | 368804  | 12.37%  | 0.718% |
| 55 | 12.927 | 1938 | 1942 | 1946 | rVB  | 874745  | 1079116 | 36.19%  | 2.100% |
| 56 | 12.981 | 1946 | 1951 | 1953 | rBV3 | 241022  | 395677  | 13.27%  | 0.770% |
| 57 | 13.048 | 1958 | 1962 | 1965 | rVB2 | 269834  | 314207  | 10.54%  | 0.611% |
| 58 | 13.164 | 1975 | 1981 | 1986 | rBV6 | 127980  | 284848  | 9.55%   | 0.554% |
| 59 | 13.268 | 1994 | 1998 | 2001 | rBV  | 1269504 | 1559457 | 52.30%  | 3.035% |
| 60 | 13.298 | 2001 | 2003 | 2008 | rVB3 | 472708  | 568632  | 19.07%  | 1.107% |
| 61 | 13.353 | 2008 | 2012 | 2014 | rBV4 | 99638   | 142939  | 4.79%   | 0.278% |
| 62 | 13.390 | 2014 | 2018 | 2020 | rBV2 | 385495  | 544012  | 18.25%  | 1.059% |
| 63 | 13.518 | 2034 | 2039 | 2043 | rBV4 | 137737  | 233212  | 7.82%   | 0.454% |
| 64 | 13.591 | 2048 | 2051 | 2055 | rBV4 | 101588  | 208711  | 7.00%   | 0.406% |
| 65 | 13.683 | 2061 | 2066 | 2068 | rBV2 | 337035  | 498401  | 16.72%  | 0.970% |
| 66 | 13.737 | 2072 | 2075 | 2078 | rVV  | 466511  | 640266  | 21.47%  | 1.246% |
| 67 | 13.774 | 2078 | 2081 | 2084 | rVV2 | 761221  | 920800  | 30.88%  | 1.792% |
| 68 | 13.804 | 2084 | 2086 | 2089 | rVV2 | 383185  | 415903  | 13.95%  | 0.809% |
| 69 | 13.847 | 2089 | 2093 | 2100 | rVB4 | 1129781 | 1728014 | 57.96%  | 3.363% |
| 70 | 13.914 | 2100 | 2104 | 2105 | rBV2 | 196755  | 267241  | 8.96%   | 0.520% |
| 71 | 13.951 | 2108 | 2110 | 2115 | rVB3 | 317098  | 418502  | 14.04%  | 0.814% |
| 72 | 14.042 | 2116 | 2125 | 2128 | rBV2 | 2304775 | 2981541 | 100.00% | 5.802% |
| 73 | 14.073 | 2128 | 2130 | 2133 | rVB3 | 225824  | 232166  | 7.79%   | 0.452% |
| 74 | 14.109 | 2133 | 2136 | 2139 | rBV2 | 237844  | 303506  | 10.18%  | 0.591% |
| 75 | 14.225 | 2151 | 2155 | 2161 | rVB2 | 740491  | 1128088 | 37.84%  | 2.195% |
| 76 | 14.310 | 2166 | 2169 | 2172 | rBV4 | 104764  | 175669  | 5.89%   | 0.342% |

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Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 COMP-1-3

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

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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\82X051921W.M  
 Title : SW846 8260

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 77  | 14.353 | 2173 | 2176 | 2179 | rBV4 | 165631  | 186320  | 6.25%  | 0.363% |
| 78  | 14.414 | 2182 | 2186 | 2188 | rBV2 | 319631  | 464187  | 15.57% | 0.903% |
| 79  | 14.438 | 2188 | 2190 | 2194 | rVB2 | 584565  | 662126  | 22.21% | 1.288% |
| 80  | 14.475 | 2194 | 2196 | 2199 | rBV2 | 425055  | 571485  | 19.17% | 1.112% |
| 81  | 14.506 | 2199 | 2201 | 2207 | rVB2 | 604555  | 852350  | 28.59% | 1.659% |
| 82  | 14.566 | 2207 | 2211 | 2216 | rVB2 | 408155  | 580040  | 19.45% | 1.129% |
| 83  | 14.621 | 2216 | 2220 | 2226 | rBV3 | 1396628 | 2746324 | 92.11% | 5.344% |
| 84  | 14.676 | 2226 | 2229 | 2233 | rVB2 | 263543  | 328535  | 11.02% | 0.639% |
| 85  | 14.725 | 2233 | 2237 | 2239 | rBV3 | 219124  | 335472  | 11.25% | 0.653% |
| 86  | 14.762 | 2239 | 2243 | 2246 | rBV  | 1875975 | 2043716 | 68.55% | 3.977% |
| 87  | 14.847 | 2255 | 2257 | 2261 | rVB3 | 261036  | 306155  | 10.27% | 0.596% |
| 88  | 15.103 | 2295 | 2299 | 2303 | rBV3 | 226349  | 402910  | 13.51% | 0.784% |
| 89  | 15.182 | 2309 | 2312 | 2315 | rBV2 | 314580  | 478398  | 16.05% | 0.931% |
| 90  | 15.219 | 2315 | 2318 | 2321 | rVV2 | 714032  | 900090  | 30.19% | 1.752% |
| 91  | 15.280 | 2325 | 2328 | 2332 | rVB3 | 304812  | 420564  | 14.11% | 0.818% |
| 92  | 15.377 | 2340 | 2344 | 2348 | rBV3 | 239495  | 355050  | 11.91% | 0.691% |
| 93  | 15.493 | 2357 | 2363 | 2368 | rVB2 | 812962  | 1388729 | 46.58% | 2.702% |
| 94  | 15.615 | 2379 | 2383 | 2386 | rBV  | 318493  | 493737  | 16.56% | 0.961% |
| 95  | 15.652 | 2387 | 2389 | 2398 | rVB  | 332362  | 533461  | 17.89% | 1.038% |
| 96  | 15.847 | 2417 | 2421 | 2425 | rBV  | 141256  | 203944  | 6.84%  | 0.397% |
| 97  | 16.097 | 2457 | 2462 | 2469 | rBV4 | 192592  | 389981  | 13.08% | 0.759% |
| 98  | 16.377 | 2501 | 2508 | 2515 | rVB2 | 175336  | 402607  | 13.50% | 0.783% |
| 99  | 16.505 | 2523 | 2529 | 2535 | rBV  | 180692  | 359029  | 12.04% | 0.699% |
| 100 | 16.609 | 2541 | 2546 | 2551 | rVB3 | 144769  | 268626  | 9.01%  | 0.523% |

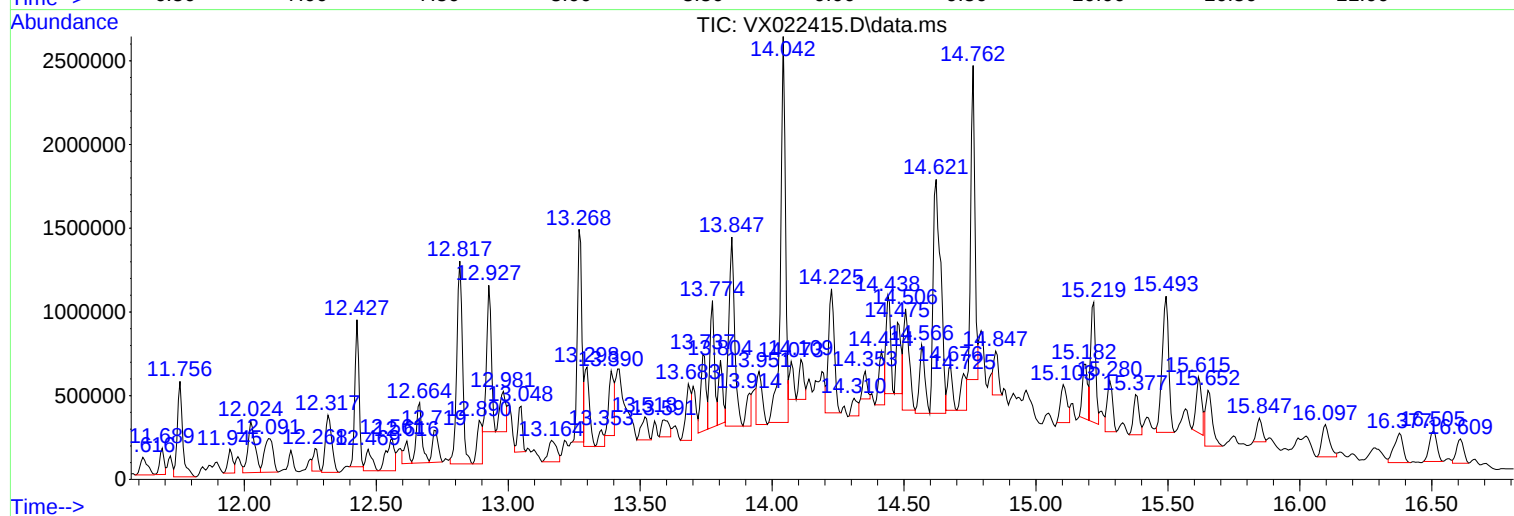
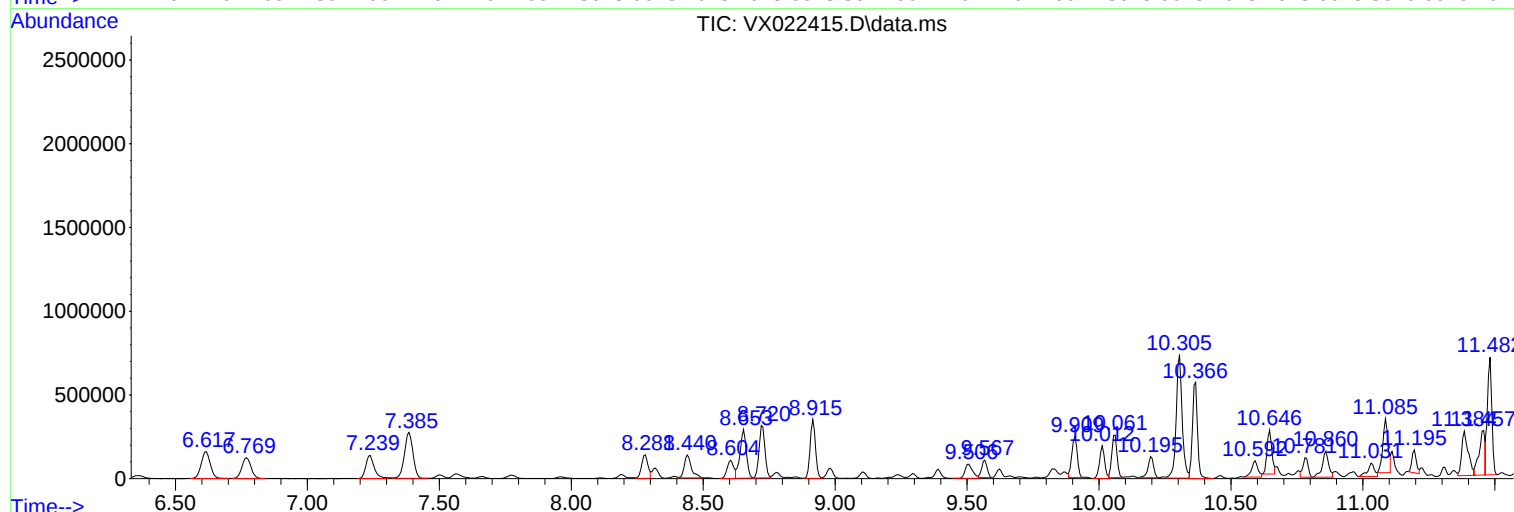
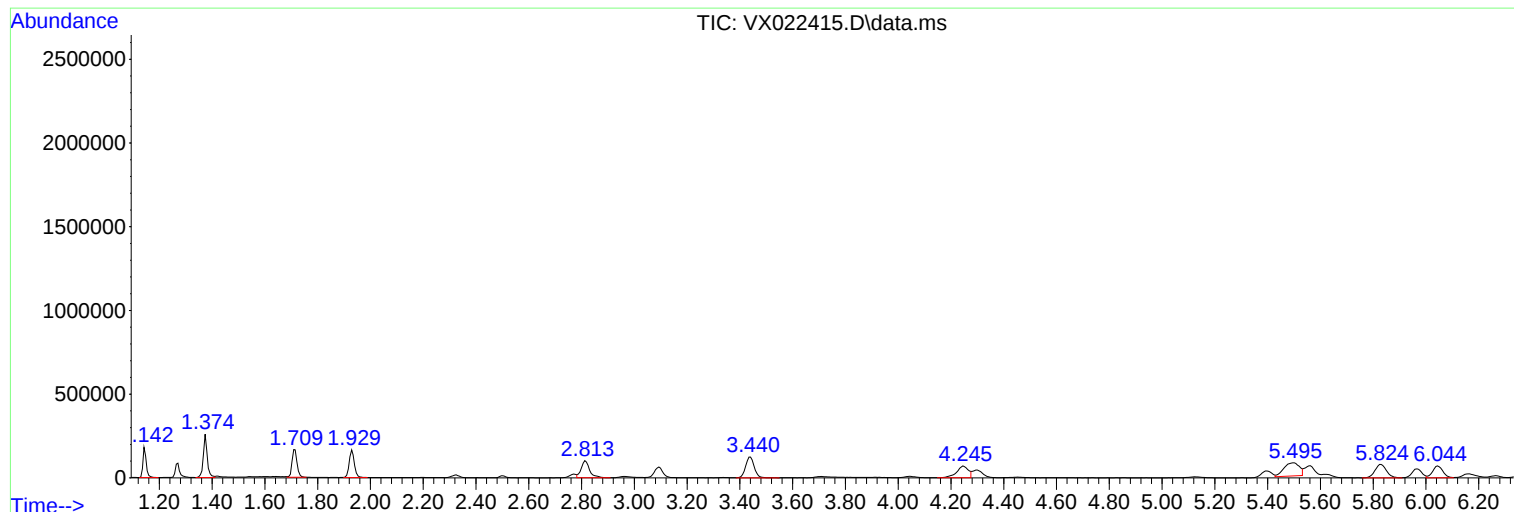
Sum of corrected areas: 51388546

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Instrument :  
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COMP-1-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260

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



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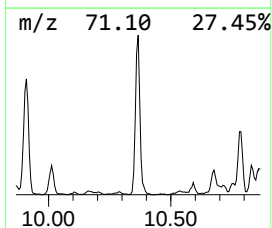
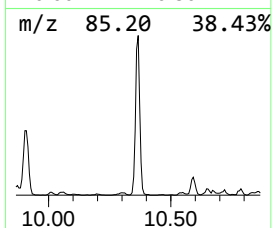
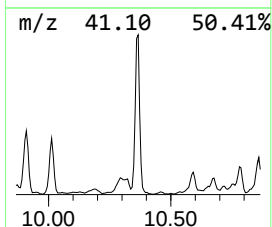
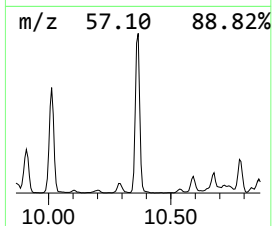
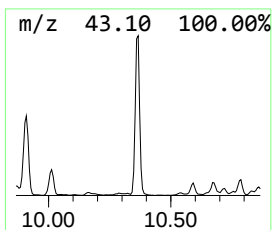
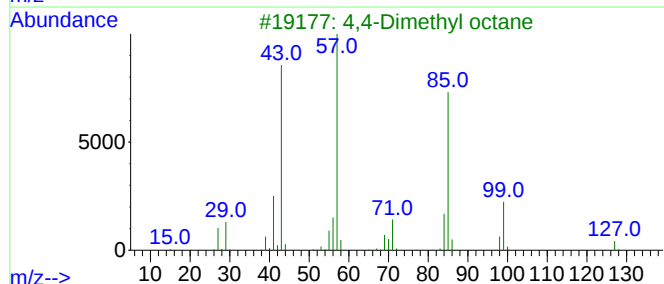
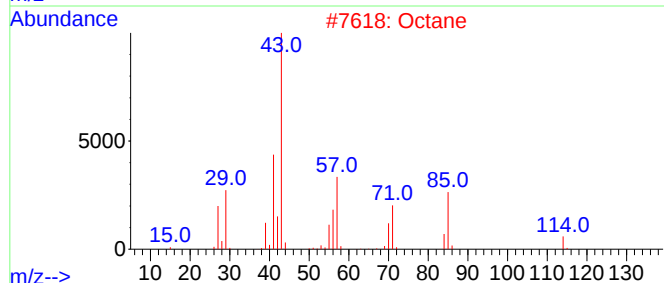
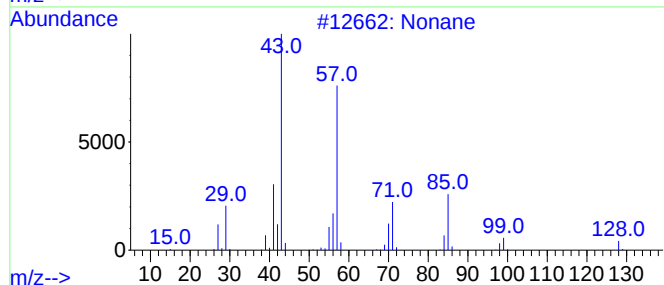
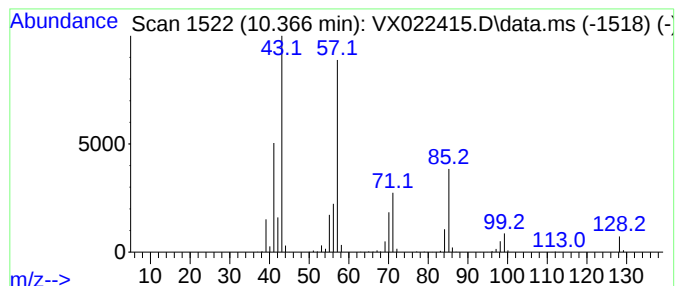
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 1 Nonane Concentration Rank 8

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 10.366 | 108.49 ug/l | 750018 | Chlorobenzene-d5 | 10.061 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Nonane                              | 128 | C9H20   | 000111-84-2 | 94   |
| 2    |    |   | Octane                              | 114 | C8H18   | 000111-65-9 | 72   |
| 3    |    |   | 4,4-Dimethyl octane                 | 142 | C10H22  | 015869-95-1 | 59   |
| 4    |    |   | Undecane, 2,4-dimethyl-             | 184 | C13H28  | 017312-80-0 | 53   |
| 5    |    |   | Butanoic acid, 3-oxo-, 1,1-dimet... | 158 | C8H14O3 | 001694-31-1 | 53   |



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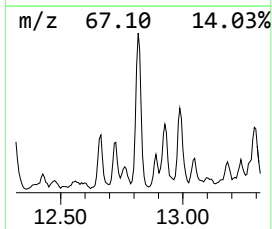
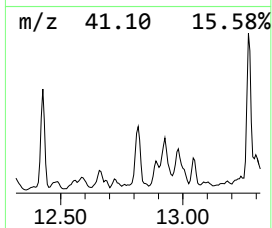
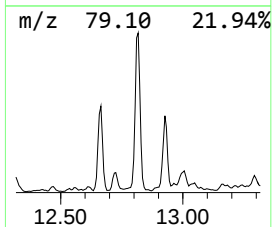
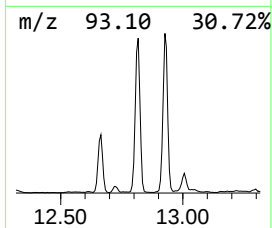
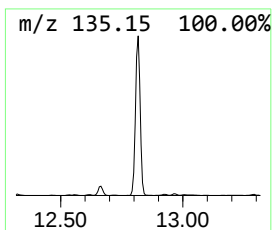
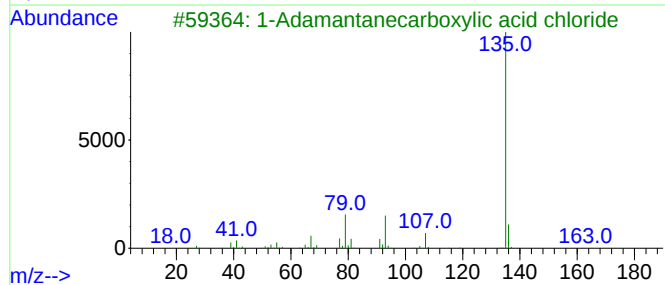
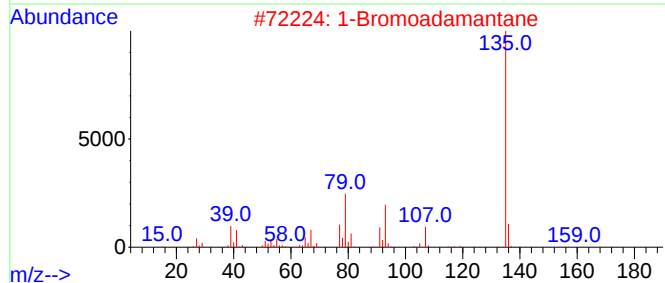
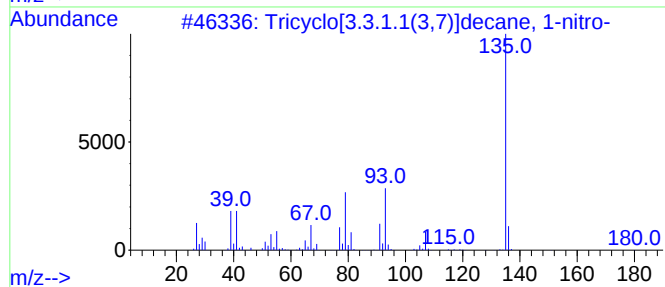
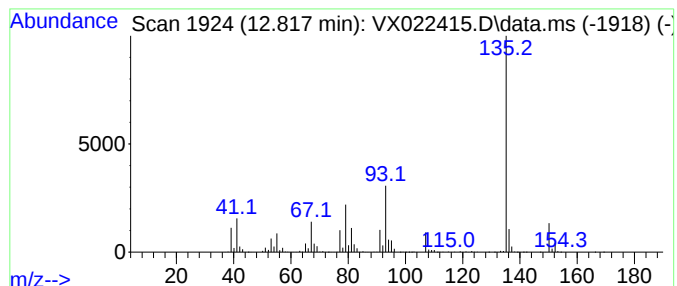
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 Tricyclo[3.3.1.1(3,7)]decan... Concentration Rank 4

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.817 | 160.21 ug/l | 1805700 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Tricyclo[3.3.1.1(3,7)]decane, 1-... | 181 | C10H15NO2   | 007575-82-8  | 80   |
| 2    |    |   | 1-Bromoadamantane                   | 214 | C10H15Br    | 000768-90-1  | 72   |
| 3    |    |   | 1-Adamantanecarboxylic acid chlo... | 198 | C11H15ClO   | 002094-72-6  | 72   |
| 4    |    |   | Phosphonic dichloride, 1-adamantyl- | 252 | C10H15Cl2OP | 1000294-15-7 | 72   |
| 5    |    |   | 4-Amino-2,6-dimethyl-3-pyridyl 1... | 300 | C18H24N2O2  | 1000260-99-2 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060421\  
Data File : VX022415.D  
Acq On : 04 Jun 2021 16:19  
Operator : JC/MD  
Sample : M2512-08 4X  
Misc : 1.10g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP-1-3

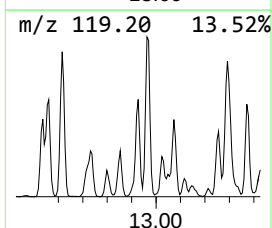
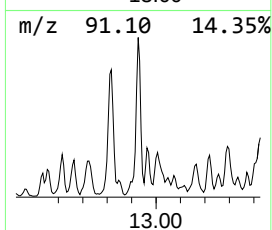
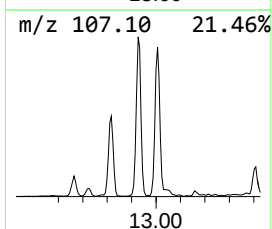
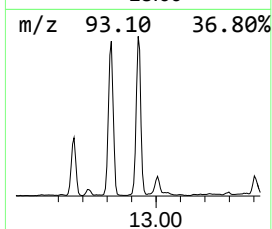
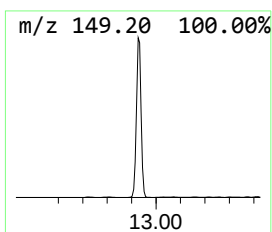
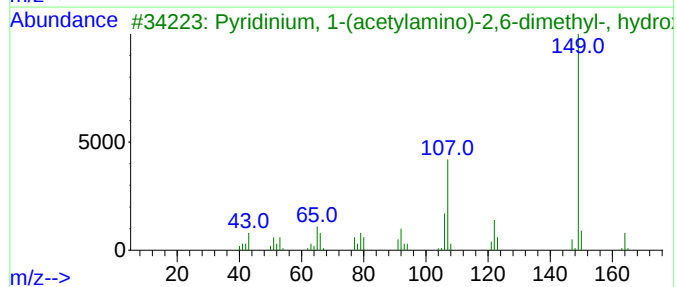
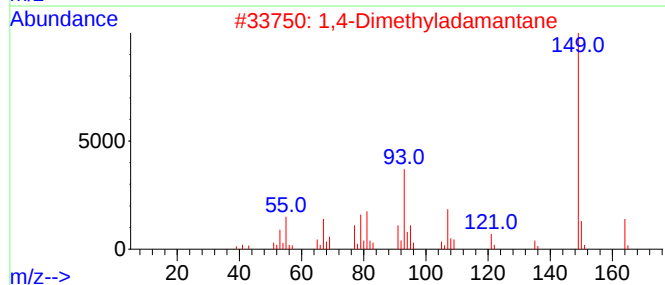
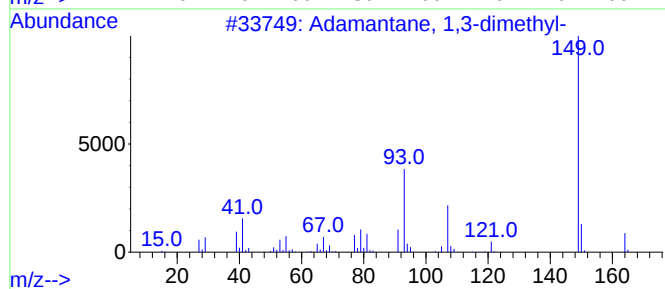
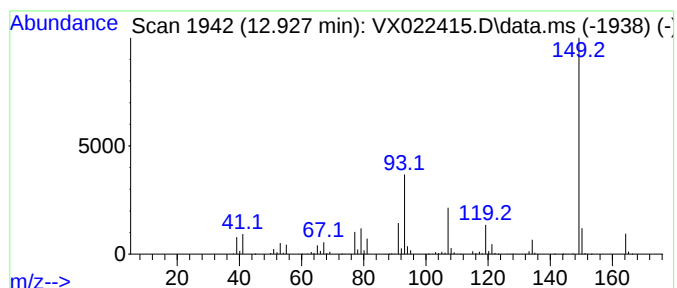
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 3 Adamantane, 1,3-dimethyl- Concentration Rank 10

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 12.927 | 95.74 ug/l | 1079120 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Adamantane, 1,3-dimethyl-           | 164 | C12H20   | 000702-79-4  | 93   |
| 2    |    |   | 1,4-Dimethyladamantane              | 164 | C12H20   | 024145-89-9  | 72   |
| 3    |    |   | Pyridinium, 1-(acetylamino)-2,6-... | 164 | C9H12N2O | 031020-35-6  | 52   |
| 4    |    |   | 1,3-Cyclohexadiene, 1,2,3,4,5,6-... | 164 | C12H20   | 1000152-09-6 | 50   |
| 5    |    |   | 1,4-Dimethyladamantane              | 164 | C12H20   | 024145-88-8  | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060421\  
Data File : VX022415.D  
Acq On : 04 Jun 2021 16:19  
Operator : JC/MD  
Sample : M2512-08 4X  
Misc : 1.10g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP-1-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260

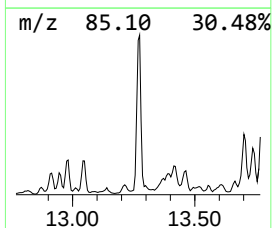
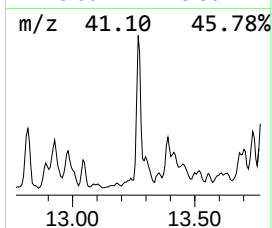
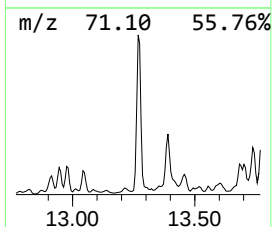
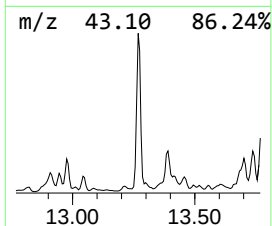
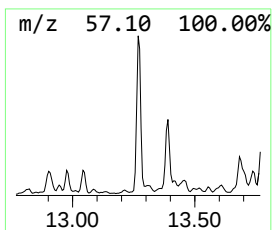
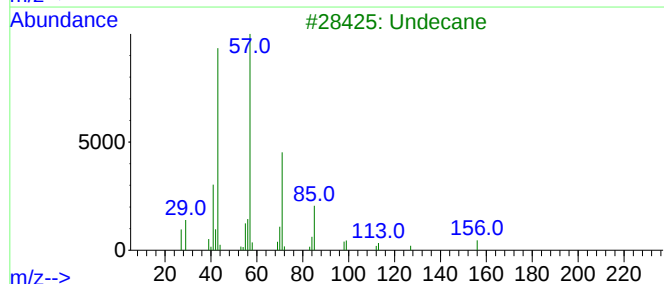
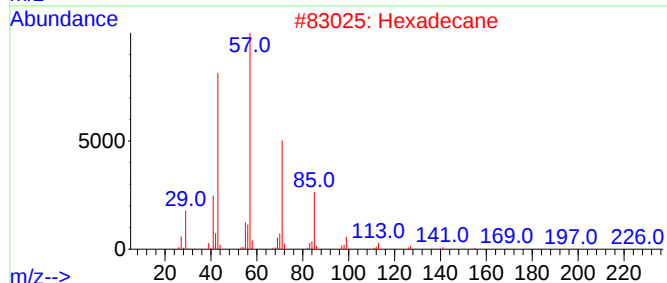
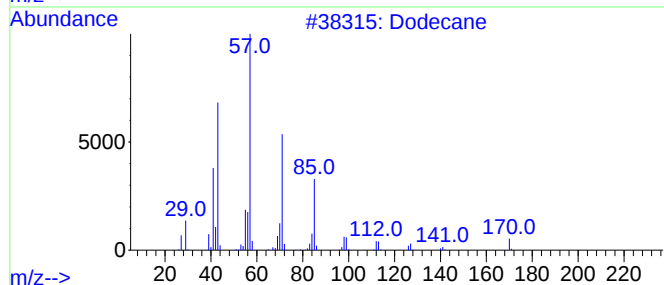
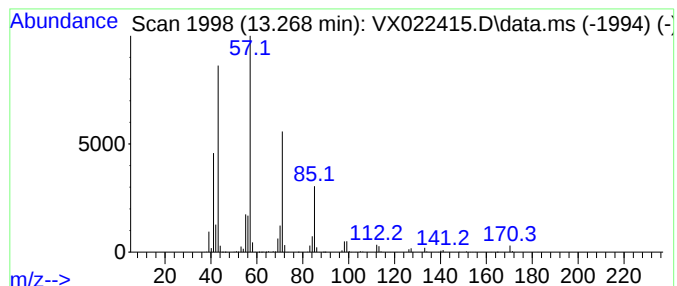
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Dodecane Concentration Rank 6

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 13.268 | 138.36 ug/l | 1559460 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane                 | 170 | C12H26  | 000112-40-3 | 95   |
| 2    |    |   | Hexadecane               | 226 | C16H34  | 000544-76-3 | 90   |
| 3    |    |   | Undecane                 | 156 | C11H24  | 001120-21-4 | 86   |
| 4    |    |   | Decane, 2,3,6-trimethyl- | 184 | C13H28  | 062238-12-4 | 83   |
| 5    |    |   | Decane, 2,3,5-trimethyl- | 184 | C13H28  | 062238-11-3 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060421\  
Data File : VX022415.D  
Acq On : 04 Jun 2021 16:19  
Operator : JC/MD  
Sample : M2512-08 4X  
Misc : 1.10g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampled :  
COMP-1-3

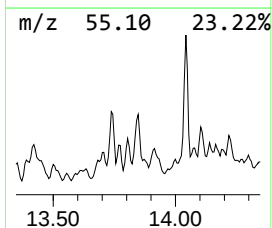
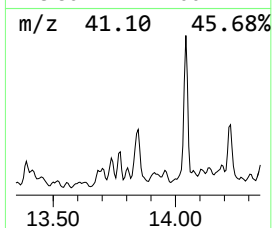
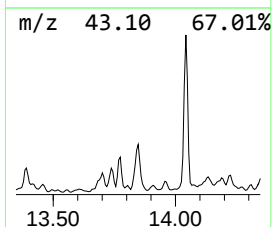
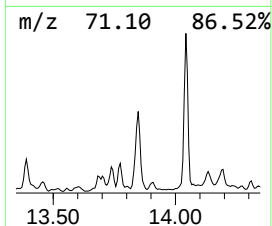
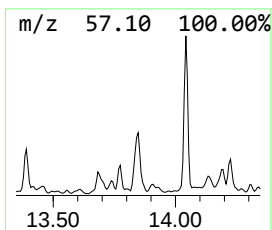
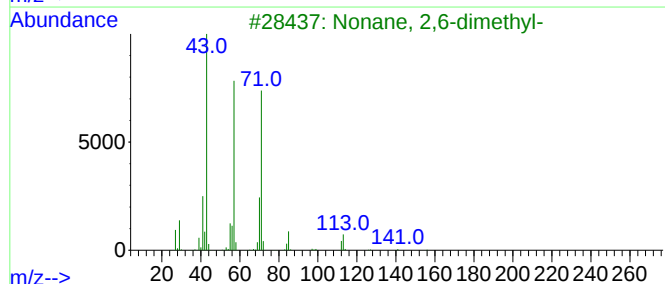
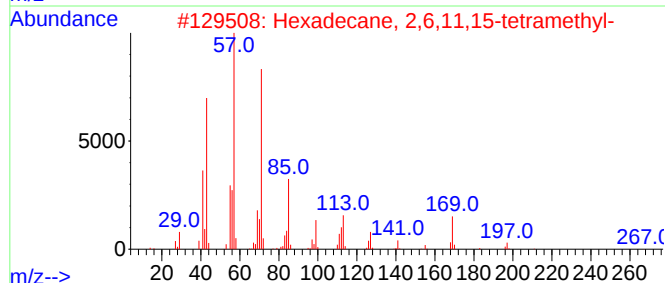
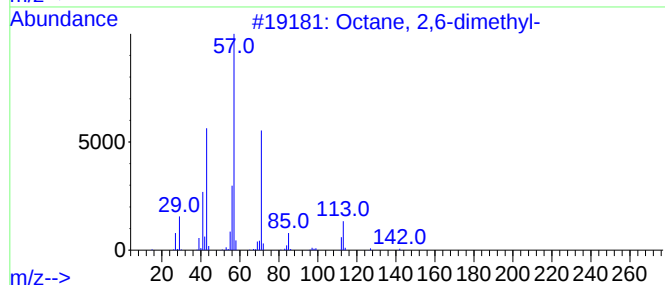
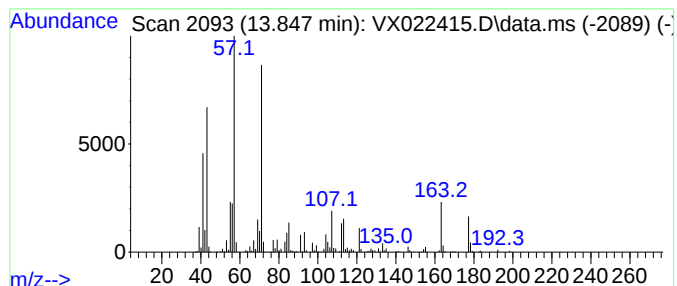
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 5

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 13.847 | 153.32 ug/l | 1728010 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Octane, 2,6-dimethyl-               | 142 | C10H22    | 002051-30-1  | 53   |
| 2    |    |   | Hexadecane, 2,6,11,15-tetramethyl-  | 282 | C20H42    | 000504-44-9  | 52   |
| 3    |    |   | Nonane, 2,6-dimethyl-               | 156 | C11H24    | 017302-28-2  | 52   |
| 4    |    |   | Sulfurous acid, 2-ethylhexyl non... | 320 | C17H36O3S | 1000309-19-2 | 47   |
| 5    |    |   | Butane, 2,2-dimethyl-               | 86  | C6H14     | 000075-83-2  | 43   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060421\  
Data File : VX022415.D  
Acq On : 04 Jun 2021 16:19  
Operator : JC/MD  
Sample : M2512-08 4X  
Misc : 1.10g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP-1-3

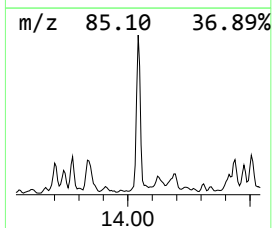
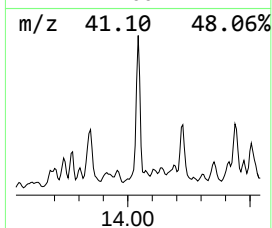
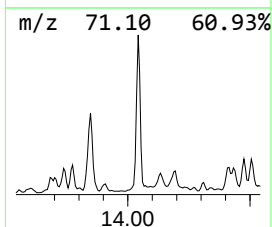
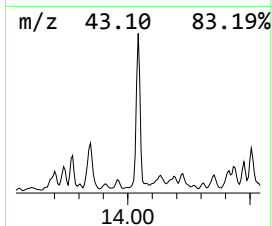
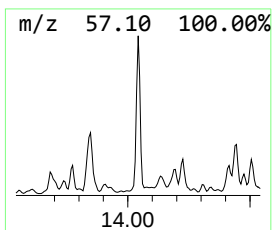
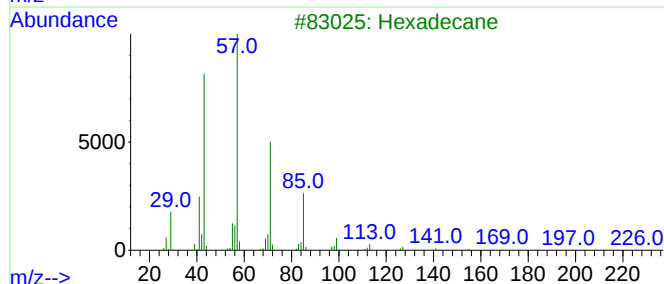
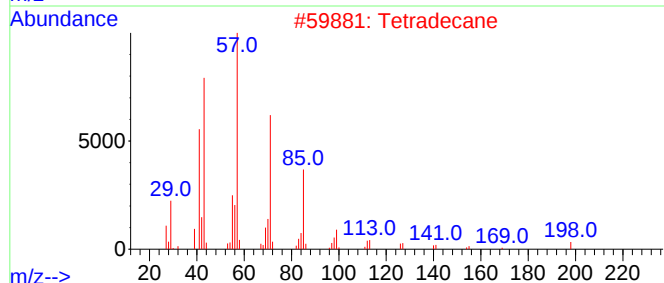
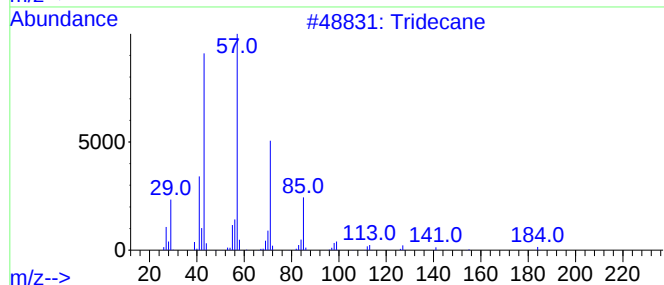
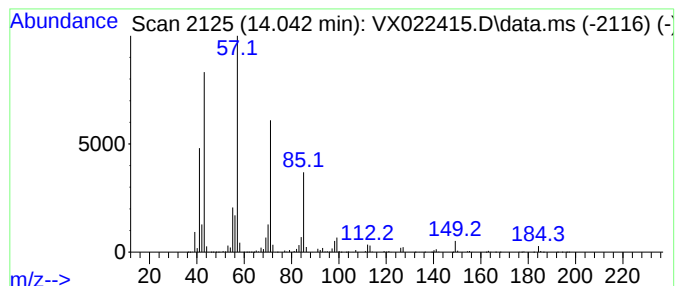
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 6 Tridecane Concentration Rank 1

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 14.042 | 264.53 ug/l | 2981540 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 95   |
| 2    |    |   | Tetradecane  | 198 | C14H30  | 000629-59-4 | 86   |
| 3    |    |   | Hexadecane   | 226 | C16H34  | 000544-76-3 | 83   |
| 4    |    |   | Dodecane     | 170 | C12H26  | 000112-40-3 | 80   |
| 5    |    |   | Pentadecane  | 212 | C15H32  | 000629-62-9 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060421\  
Data File : VX022415.D  
Acq On : 04 Jun 2021 16:19  
Operator : JC/MD  
Sample : M2512-08 4X  
Misc : 1.10g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP-1-3

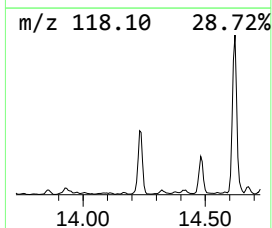
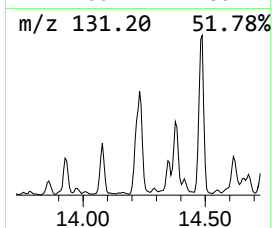
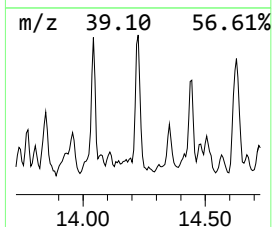
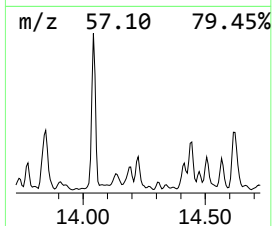
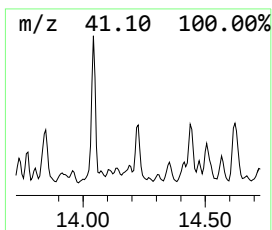
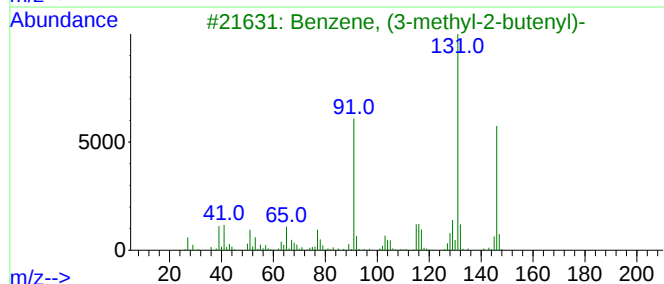
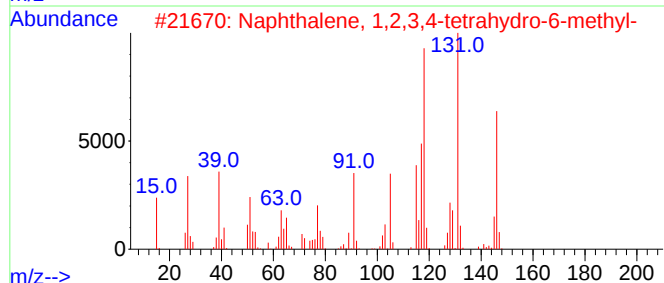
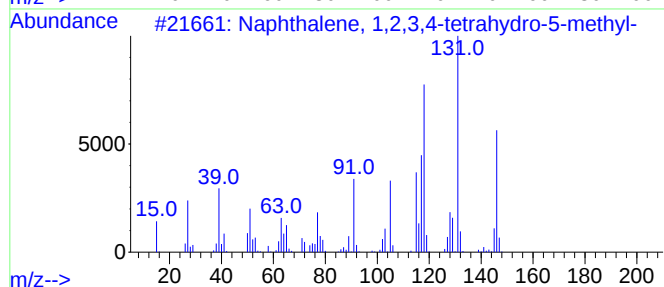
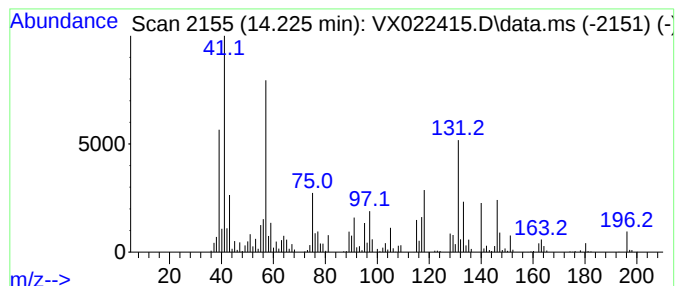
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 9

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 14.225 | 100.09 ug/l | 1128090 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 002809-64-5 | 55   |
| 2    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 001680-51-9 | 42   |
| 3    |    |   | Benzene, (3-methyl-2-butenyl)-      | 146 | C11H14  | 004489-84-3 | 30   |
| 4    |    |   | Benzene, 1-methyl-3-(1-methyl-2-... | 146 | C11H14  | 052161-57-6 | 30   |
| 5    |    |   | Benzene, (1-methyl-1-butenyl)-      | 146 | C11H14  | 053172-84-2 | 30   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060421\  
Data File : VX022415.D  
Acq On : 04 Jun 2021 16:19  
Operator : JC/MD  
Sample : M2512-08 4X  
Misc : 1.10g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP-1-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260

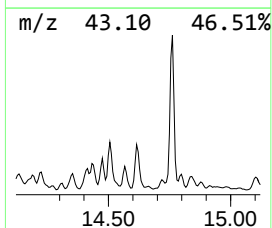
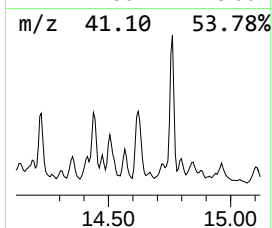
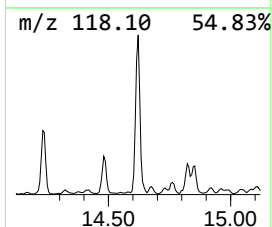
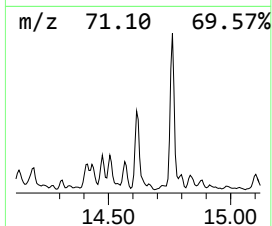
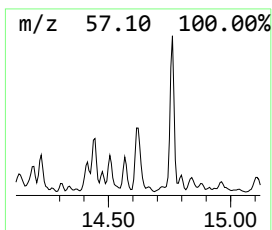
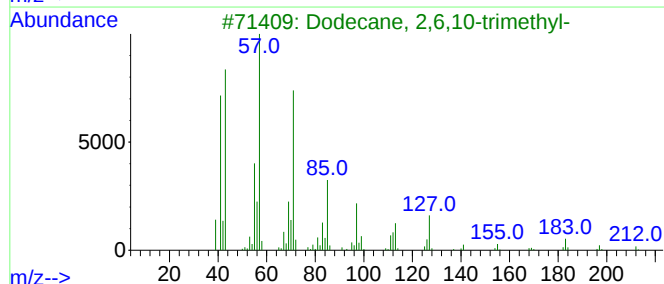
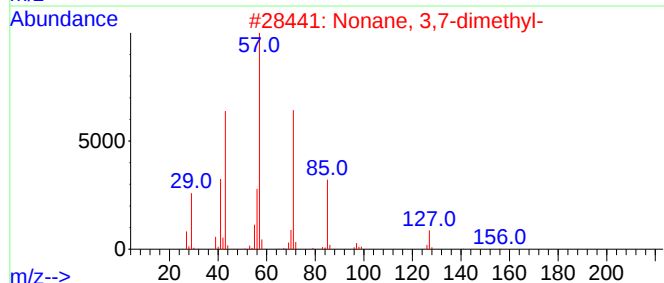
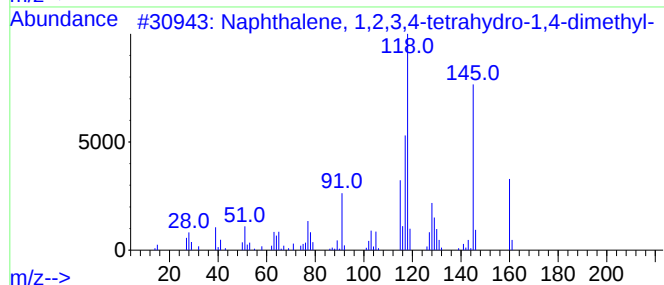
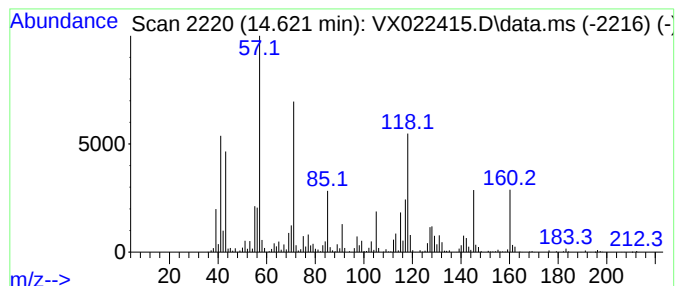
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 14.621 | 243.66 ug/l | 2746320 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 004175-54-6 | 64   |
| 2    |    |   | Nonane, 3,7-dimethyl-               | 156 | C11H24  | 017302-32-8 | 50   |
| 3    |    |   | Dodecane, 2,6,10-trimethyl-         | 212 | C15H32  | 003891-98-3 | 50   |
| 4    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 013065-07-1 | 46   |
| 5    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 007524-63-2 | 41   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060421\  
Data File : VX022415.D  
Acq On : 04 Jun 2021 16:19  
Operator : JC/MD  
Sample : M2512-08 4X  
Misc : 1.10g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP-1-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260

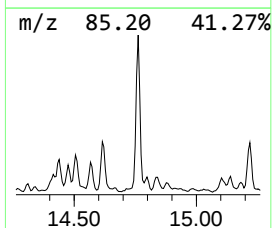
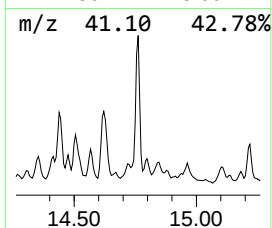
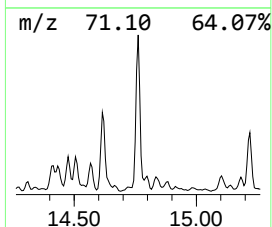
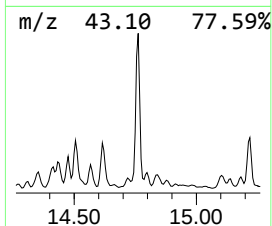
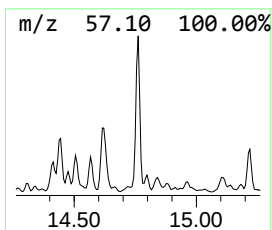
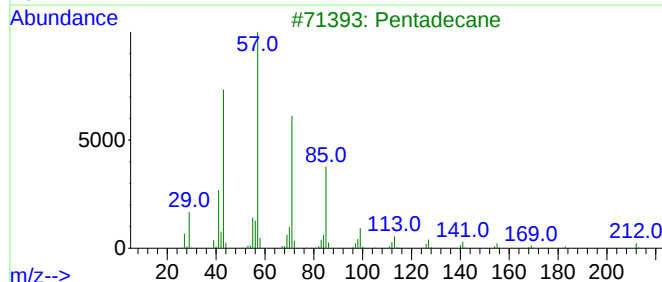
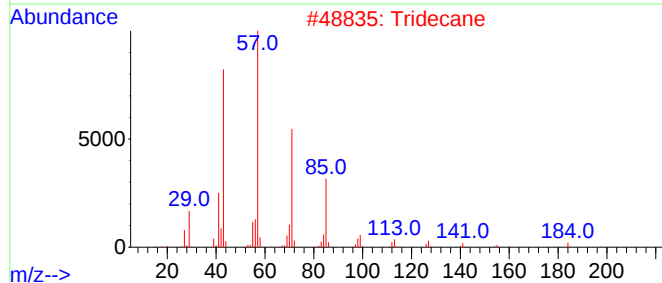
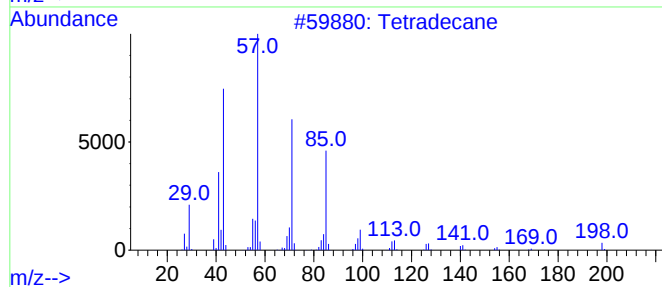
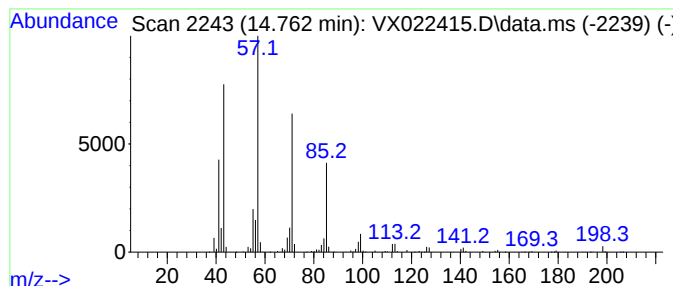
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Tetradecane Concentration Rank 3

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 14.762 | 181.32 ug/l | 2043720 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Tetradecane              | 198 | C14H30  | 000629-59-4 | 97   |
| 2    |    |   | Tridecane                | 184 | C13H28  | 000629-50-5 | 90   |
| 3    |    |   | Pentadecane              | 212 | C15H32  | 000629-62-9 | 78   |
| 4    |    |   | Decane, 2,3,5-trimethyl- | 184 | C13H28  | 062238-11-3 | 78   |
| 5    |    |   | Hexadecane               | 226 | C16H34  | 000544-76-3 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060421\  
Data File : VX022415.D  
Acq On : 04 Jun 2021 16:19  
Operator : JC/MD  
Sample : M2512-08 4X  
Misc : 1.10g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP-1-3

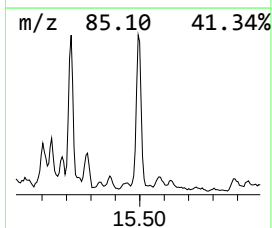
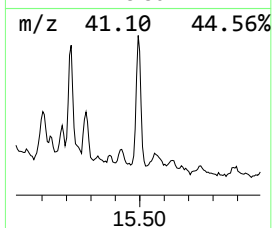
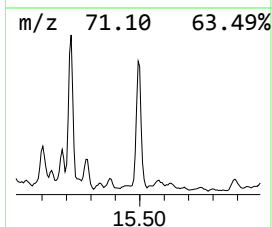
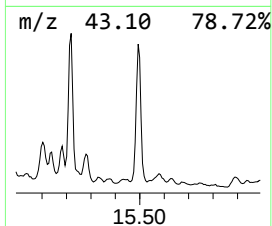
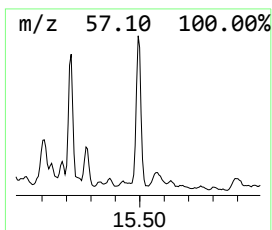
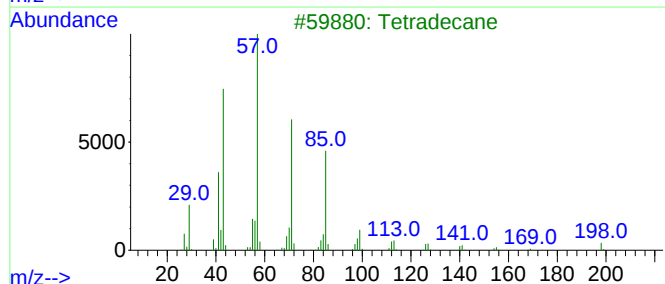
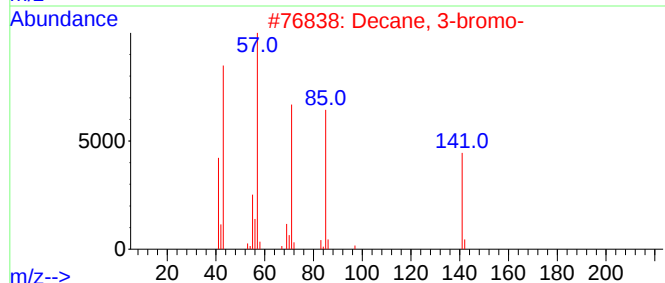
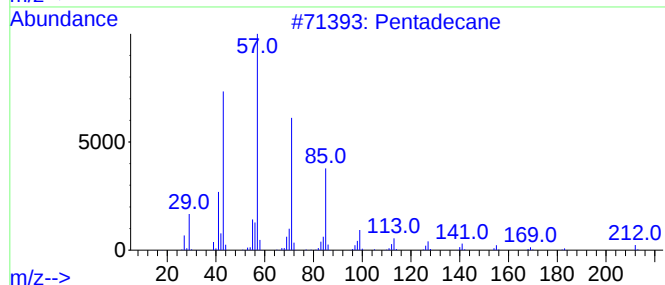
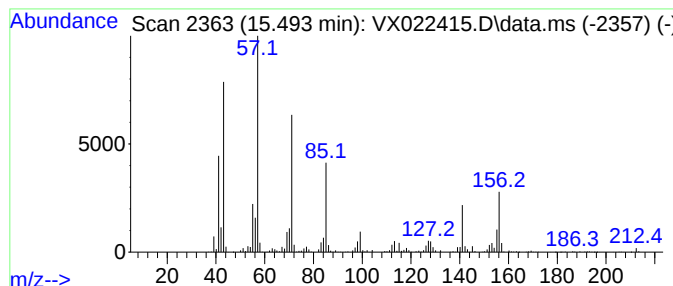
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260

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

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Peak Number 10 Pentadecane Concentration Rank 7

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 15.493 | 123.21 ug/l | 1388730 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID     | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------|-----|----------|-------------|------|
| 1    |    |   | Pentadecane      | 212 | C15H32   | 000629-62-9 | 83   |
| 2    |    |   | Decane, 3-bromo- | 220 | C10H21Br | 030571-71-2 | 62   |
| 3    |    |   | Tetradecane      | 198 | C14H30   | 000629-59-4 | 58   |
| 4    |    |   | Hexadecane       | 226 | C16H34   | 000544-76-3 | 53   |
| 5    |    |   | Tridecane        | 184 | C13H28   | 000629-50-5 | 52   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060421\  
Data File : VX022415.D  
Acq On : 04 Jun 2021 16:19  
Operator : JC/MD  
Sample : M2512-08 4X  
Misc : 1.10g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP-1-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.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 |
| Nonane             | 10.366 | 108.5   | ug/l  | 750018   | 3                     | 10.061 | 345662 | 50.0 |
| Tricyclo[3.3.1.... | 12.817 | 160.2   | ug/l  | 1805700  | 4                     | 12.024 | 563551 | 50.0 |
| Adamantane, 1,3... | 12.927 | 95.7    | ug/l  | 1079120  | 4                     | 12.024 | 563551 | 50.0 |
| Dodecane           | 13.268 | 138.4   | ug/l  | 1559460  | 4                     | 12.024 | 563551 | 50.0 |
| Octane, 2,6-dim... | 13.847 | 153.3   | ug/l  | 1728010  | 4                     | 12.024 | 563551 | 50.0 |
| Tridecane          | 14.042 | 264.5   | ug/l  | 2981540  | 4                     | 12.024 | 563551 | 50.0 |
| Naphthalene, 1,... | 14.225 | 100.1   | ug/l  | 1128090  | 4                     | 12.024 | 563551 | 50.0 |
| Naphthalene, 1,... | 14.621 | 243.7   | ug/l  | 2746320  | 4                     | 12.024 | 563551 | 50.0 |
| Tetradecane        | 14.762 | 181.3   | ug/l  | 2043720  | 4                     | 12.024 | 563551 | 50.0 |
| Pentadecane        | 15.493 | 123.2   | ug/l  | 1388730  | 4                     | 12.024 | 563551 | 50.0 |