

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062624\  
 Data File : VX042053.D  
 Acq On : 26 Jun 2024 15:13  
 Operator : JC/MD  
 Sample : P3072-04 10X  
 Misc : 1.20g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 1419

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\82X061824W.M  
 Title : SW846 8260

Signal : TIC: VX042053.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         | 5.385       | 693           | 705         | 717          | rBV2     | 71604          | 213459        | 5.46%           | 0.297%        |
| 2         | 5.550       | 718           | 732         | 752          | rVB      | 124736         | 376119        | 9.63%           | 0.523%        |
| 3         | 5.958       | 790           | 799         | 816          | rBV      | 69019          | 184683        | 4.73%           | 0.257%        |
| 4         | 6.763       | 922           | 931         | 948          | rBV      | 189862         | 459154        | 11.75%          | 0.638%        |
| 5         | 8.647       | 1234          | 1240        | 1247         | rBV      | 397750         | 617884        | 15.81%          | 0.859%        |
| 6         | 8.720       | 1247          | 1252        | 1258         | rVB      | 68952          | 105983        | 2.71%           | 0.147%        |
| 7         | 9.903       | 1441          | 1446        | 1451         | rVB      | 49299          | 72633         | 1.86%           | 0.101%        |
| 8         | 10.006      | 1457          | 1463        | 1466         | rBV      | 51414          | 72292         | 1.85%           | 0.100%        |
| 9         | 10.055      | 1466          | 1471        | 1478         | rVB      | 424132         | 570712        | 14.61%          | 0.793%        |
| 10        | 10.305      | 1498          | 1512        | 1517         | rVV2     | 95260          | 247046        | 6.32%           | 0.343%        |
| 11        | 10.360      | 1517          | 1521        | 1532         | rVB      | 241230         | 322049        | 8.24%           | 0.448%        |
| 12        | 10.586      | 1551          | 1558        | 1562         | rBV      | 74805          | 120572        | 3.09%           | 0.168%        |
| 13        | 10.646      | 1562          | 1568        | 1570         | rBV      | 44944          | 66376         | 1.70%           | 0.092%        |
| 14        | 10.781      | 1582          | 1590        | 1594         | rBV      | 135468         | 205031        | 5.25%           | 0.285%        |
| 15        | 10.854      | 1598          | 1602        | 1606         | rVV3     | 123477         | 212926        | 5.45%           | 0.296%        |
| 16        | 10.896      | 1606          | 1609        | 1613         | rVB      | 48843          | 70483         | 1.80%           | 0.098%        |
| 17        | 10.945      | 1613          | 1617        | 1623         | rBV3     | 40182          | 79313         | 2.03%           | 0.110%        |
| 18        | 11.031      | 1628          | 1631        | 1634         | rVB      | 47721          | 52278         | 1.34%           | 0.073%        |
| 19        | 11.079      | 1634          | 1639        | 1643         | rBV      | 507305         | 784215        | 20.07%          | 1.090%        |
| 20        | 11.189      | 1650          | 1657        | 1660         | rBV2     | 182419         | 260982        | 6.68%           | 0.363%        |
| 21        | 11.220      | 1660          | 1662        | 1666         | rVB4     | 71401          | 80568         | 2.06%           | 0.112%        |
| 22        | 11.305      | 1672          | 1676        | 1679         | rBV      | 61996          | 82292         | 2.11%           | 0.114%        |
| 23        | 11.378      | 1684          | 1688        | 1694         | rVV      | 299223         | 532210        | 13.62%          | 0.740%        |
| 24        | 11.433      | 1694          | 1697        | 1698         | rVV      | 187917         | 230324        | 5.89%           | 0.320%        |
| 25        | 11.476      | 1701          | 1704        | 1710         | rVB      | 885434         | 1052001       | 26.92%          | 1.462%        |
| 26        | 11.616      | 1722          | 1727        | 1734         | rVB3     | 213992         | 410034        | 10.49%          | 0.570%        |
| 27        | 11.683      | 1734          | 1738        | 1740         | rBV      | 81945          | 100025        | 2.56%           | 0.139%        |
| 28        | 11.713      | 1740          | 1743        | 1746         | rBV      | 225666         | 260132        | 6.66%           | 0.362%        |
| 29        | 11.750      | 1746          | 1749        | 1759         | rVB      | 628127         | 940151        | 24.06%          | 1.307%        |
| 30        | 11.835      | 1759          | 1763        | 1766         | rBV2     | 81900          | 129597        | 3.32%           | 0.180%        |
| 31        | 11.890      | 1766          | 1772        | 1777         | rVB3     | 174119         | 275744        | 7.06%           | 0.383%        |
| 32        | 11.945      | 1777          | 1781        | 1783         | rBV      | 223494         | 280972        | 7.19%           | 0.391%        |
| 33        | 11.969      | 1783          | 1785        | 1789         | rVB2     | 115844         | 130859        | 3.35%           | 0.182%        |
| 34        | 12.024      | 1789          | 1794        | 1799         | rBV2     | 505444         | 866167        | 22.17%          | 1.204%        |
| 35        | 12.085      | 1799          | 1804        | 1805         | rBV2     | 223513         | 344299        | 8.81%           | 0.479%        |
| 36        | 12.171      | 1815          | 1818        | 1825         | rVB      | 226610         | 350536        | 8.97%           | 0.487%        |

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 MSVOA\_X  
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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\82X061824W.M  
 Title : SW846 8260

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 12.244 | 1825 | 1830 | 1832 | rBV  | 271349  | 391953  | 10.03% | 0.545% |
| 38 | 12.268 | 1832 | 1834 | 1838 | rVB  | 316034  | 331091  | 8.47%  | 0.460% |
| 39 | 12.317 | 1838 | 1842 | 1848 | rVB3 | 615688  | 1053763 | 26.97% | 1.465% |
| 40 | 12.421 | 1848 | 1859 | 1863 | rBV  | 1504849 | 2053668 | 52.56% | 2.855% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 41 | 12.463 | 1863 | 1866 | 1872 | rVB2 | 318546 | 476239 | 12.19% | 0.662% |
| 42 | 12.530 | 1873 | 1877 | 1879 | rBV  | 283534 | 385319 | 9.86%  | 0.536% |
| 43 | 12.555 | 1879 | 1881 | 1884 | rVB2 | 197731 | 170891 | 4.37%  | 0.238% |
| 44 | 12.610 | 1888 | 1890 | 1893 | rVB  | 254707 | 271867 | 6.96%  | 0.378% |
| 45 | 12.640 | 1893 | 1895 | 1899 | rVB3 | 139624 | 164809 | 4.22%  | 0.229% |

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 46 | 12.689 | 1899 | 1903 | 1906 | rBV2 | 229040 | 429607  | 10.99% | 0.597% |
| 47 | 12.731 | 1906 | 1910 | 1913 | rVB4 | 195410 | 300770  | 7.70%  | 0.418% |
| 48 | 12.817 | 1917 | 1924 | 1928 | rBV4 | 374646 | 628281  | 16.08% | 0.873% |
| 49 | 12.890 | 1931 | 1936 | 1938 | rBV3 | 354385 | 559797  | 14.33% | 0.778% |
| 50 | 12.975 | 1943 | 1950 | 1955 | rVB3 | 523838 | 1252218 | 32.05% | 1.741% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 51 | 13.042 | 1955 | 1961 | 1964 | rBV4 | 493130  | 680676  | 17.42% | 0.946% |
| 52 | 13.073 | 1964 | 1966 | 1968 | rVB  | 111715  | 91523   | 2.34%  | 0.127% |
| 53 | 13.164 | 1974 | 1981 | 1985 | rBV3 | 465124  | 816812  | 20.90% | 1.135% |
| 54 | 13.213 | 1985 | 1989 | 1992 | rBV2 | 348509  | 416047  | 10.65% | 0.578% |
| 55 | 13.268 | 1992 | 1998 | 2000 | rVV2 | 2311378 | 2843513 | 72.77% | 3.953% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 56 | 13.292 | 2000 | 2002 | 2007 | rVV4 | 1193181 | 1493342 | 38.22% | 2.076% |
| 57 | 13.341 | 2007 | 2010 | 2013 | rVV2 | 118516  | 180073  | 4.61%  | 0.250% |
| 58 | 13.384 | 2013 | 2017 | 2020 | rVV2 | 584285  | 791072  | 20.24% | 1.100% |
| 59 | 13.420 | 2020 | 2023 | 2032 | rVB4 | 863796  | 1790095 | 45.81% | 2.489% |
| 60 | 13.500 | 2032 | 2036 | 2040 | rBV4 | 343236  | 573076  | 14.67% | 0.797% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 61 | 13.542 | 2040 | 2043 | 2046 | rBV  | 248937 | 325166 | 8.32%  | 0.452% |
| 62 | 13.585 | 2046 | 2050 | 2055 | rBV3 | 445947 | 789815 | 20.21% | 1.098% |
| 63 | 13.676 | 2060 | 2065 | 2067 | rBV3 | 445817 | 743442 | 19.03% | 1.034% |
| 64 | 13.737 | 2072 | 2075 | 2078 | rVV3 | 412061 | 461812 | 11.82% | 0.642% |
| 65 | 13.768 | 2078 | 2080 | 2083 | rVV2 | 455717 | 500253 | 12.80% | 0.695% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 66 | 13.798 | 2083 | 2085 | 2088 | rVB2 | 228761  | 205986  | 5.27%  | 0.286% |
| 67 | 13.847 | 2088 | 2093 | 2099 | rVB4 | 1173830 | 2320550 | 59.39% | 3.226% |
| 68 | 13.926 | 2099 | 2106 | 2111 | rBV6 | 696161  | 1711133 | 43.79% | 2.379% |
| 69 | 13.969 | 2111 | 2113 | 2116 | rBV  | 113371  | 104024  | 2.66%  | 0.145% |
| 70 | 14.006 | 2116 | 2119 | 2121 | rBV  | 267214  | 345117  | 8.83%  | 0.480% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 71 | 14.042 | 2121 | 2125 | 2128 | rVB  | 2859593 | 3144999 | 80.48% | 4.372% |
| 72 | 14.073 | 2128 | 2130 | 2133 | rBV2 | 518325  | 582840  | 14.92% | 0.810% |
| 73 | 14.134 | 2138 | 2140 | 2143 | rVV2 | 274503  | 348142  | 8.91%  | 0.484% |
| 74 | 14.164 | 2143 | 2145 | 2147 | rVV  | 302716  | 313906  | 8.03%  | 0.436% |
| 75 | 14.189 | 2147 | 2149 | 2150 | rVV  | 263109  | 253739  | 6.49%  | 0.353% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 76 | 14.225 | 2150 | 2155 | 2161 | rVB3 | 1603009 | 2921759 | 74.77% | 4.062% |
|----|--------|------|------|------|------|---------|---------|--------|--------|

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Instrument :  
 MSVOA\_X  
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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\82X061824W.M  
 Title : SW846 8260

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 77  | 14.323 | 2167 | 2171 | 2176 | rBV4 | 361781  | 655665  | 16.78%  | 0.911% |
| 78  | 14.378 | 2176 | 2180 | 2182 | rBV  | 572390  | 684212  | 17.51%  | 0.951% |
| 79  | 14.414 | 2183 | 2186 | 2187 | rBV  | 280449  | 300492  | 7.69%   | 0.418% |
| 80  | 14.438 | 2187 | 2190 | 2193 | rVB2 | 787593  | 913600  | 23.38%  | 1.270% |
| 81  | 14.481 | 2193 | 2197 | 2199 | rBV3 | 1145050 | 1767445 | 45.23%  | 2.457% |
| 82  | 14.567 | 2206 | 2211 | 2215 | rBV5 | 595856  | 1135957 | 29.07%  | 1.579% |
| 83  | 14.615 | 2215 | 2219 | 2225 | rVV2 | 2568965 | 3907576 | 100.00% | 5.432% |
| 84  | 14.670 | 2225 | 2228 | 2233 | rVB3 | 950151  | 1433929 | 36.70%  | 1.993% |
| 85  | 14.731 | 2233 | 2238 | 2239 | rBV2 | 523370  | 730707  | 18.70%  | 1.016% |
| 86  | 14.755 | 2239 | 2242 | 2245 | rVV  | 3098920 | 3451507 | 88.33%  | 4.798% |
| 87  | 14.792 | 2245 | 2248 | 2250 | rVV4 | 563372  | 790298  | 20.22%  | 1.099% |
| 88  | 14.823 | 2250 | 2253 | 2254 | rVV2 | 547132  | 677900  | 17.35%  | 0.942% |
| 89  | 14.847 | 2254 | 2257 | 2260 | rVV3 | 964003  | 1298629 | 33.23%  | 1.805% |
| 90  | 14.908 | 2264 | 2267 | 2277 | rVB4 | 505851  | 1203138 | 30.79%  | 1.673% |
| 91  | 15.042 | 2284 | 2289 | 2293 | rBV3 | 428938  | 826994  | 21.16%  | 1.150% |
| 92  | 15.182 | 2308 | 2312 | 2315 | rBV  | 1261236 | 1865421 | 47.74%  | 2.593% |
| 93  | 15.243 | 2320 | 2322 | 2324 | rVV3 | 231622  | 246929  | 6.32%   | 0.343% |
| 94  | 15.280 | 2325 | 2328 | 2331 | rVB4 | 559718  | 712715  | 18.24%  | 0.991% |
| 95  | 15.316 | 2331 | 2334 | 2339 | rVB4 | 324170  | 600498  | 15.37%  | 0.835% |
| 96  | 15.377 | 2339 | 2344 | 2350 | rBV4 | 611782  | 1099908 | 28.15%  | 1.529% |
| 97  | 15.487 | 2357 | 2362 | 2367 | rBV3 | 1072457 | 1751647 | 44.83%  | 2.435% |
| 98  | 15.609 | 2378 | 2382 | 2386 | rVB2 | 598562  | 878878  | 22.49%  | 1.222% |
| 99  | 15.847 | 2418 | 2421 | 2424 | rBV5 | 172682  | 257811  | 6.60%   | 0.358% |
| 100 | 16.085 | 2456 | 2460 | 2467 | rBV4 | 173342  | 363100  | 9.29%   | 0.505% |

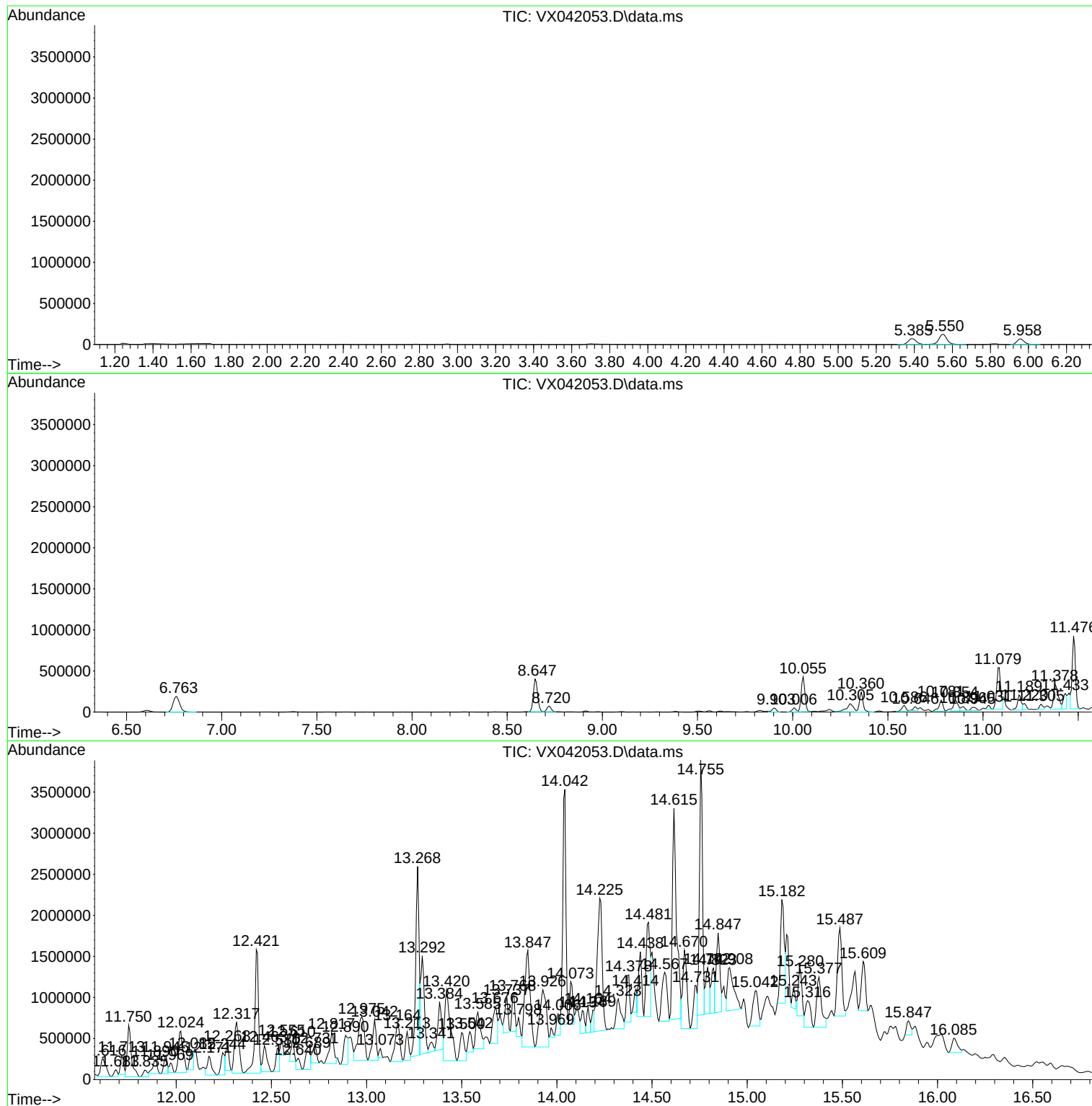
Sum of corrected areas: 71934242

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
Quant Title : SW846 8260

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



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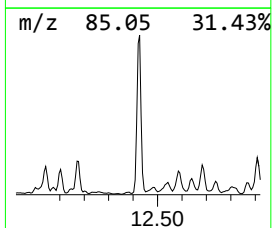
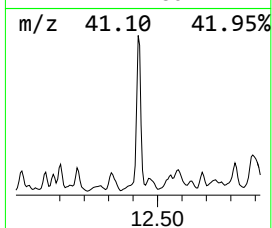
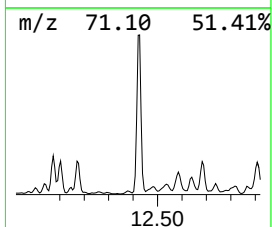
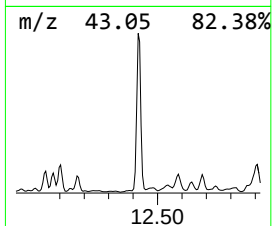
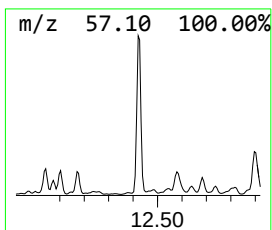
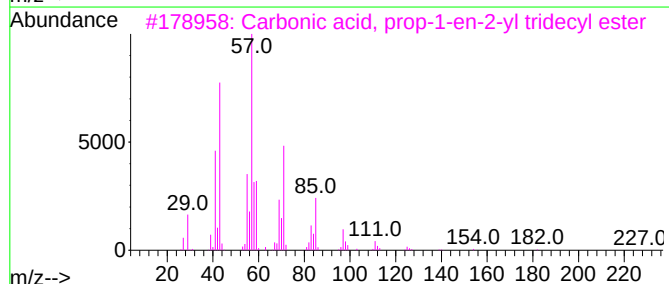
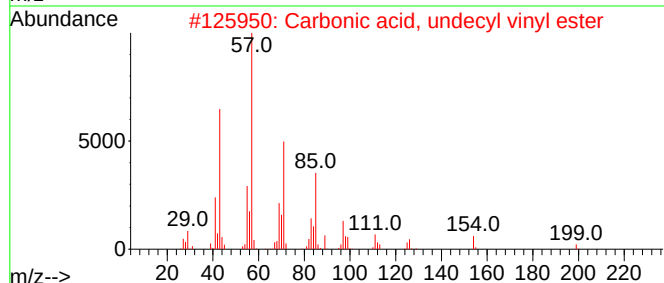
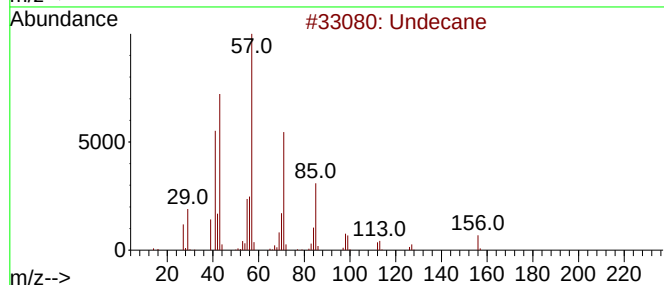
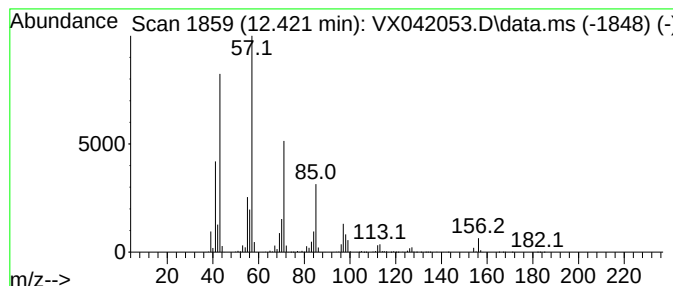
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Undecane Concentration Rank 7

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.421 | 118.55 ug/l | 2053670 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm  | CAS#         | Qual |
|------|-------------------------------------|---|--------------|-----|----------|--------------|------|
| 1    | Undecane                            |   |              | 156 | C11H24   | 001120-21-4  | 96   |
| 2    | Carbonic acid, undecyl vinyl ester  |   |              | 242 | C14H26O3 | 1000382-54-9 | 90   |
| 3    | Carbonic acid, prop-1-en-2-yl tr... |   |              | 284 | C17H32O3 | 1000382-90-8 | 86   |
| 4    | Tetradecane                         |   |              | 198 | C14H30   | 000629-59-4  | 80   |
| 5    | Hexadecane                          |   |              | 226 | C16H34   | 000544-76-3  | 72   |



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Quant Title : SW846 8260

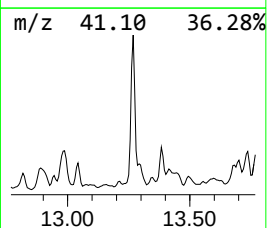
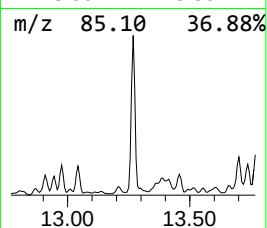
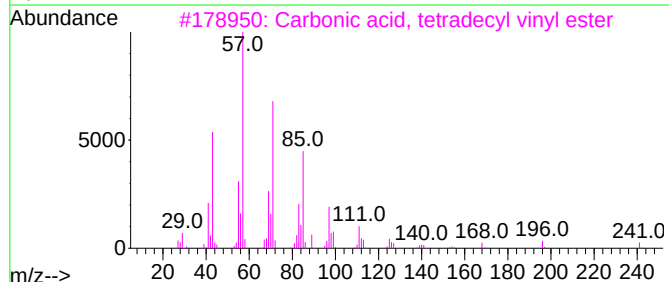
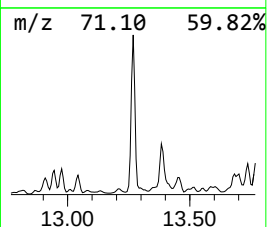
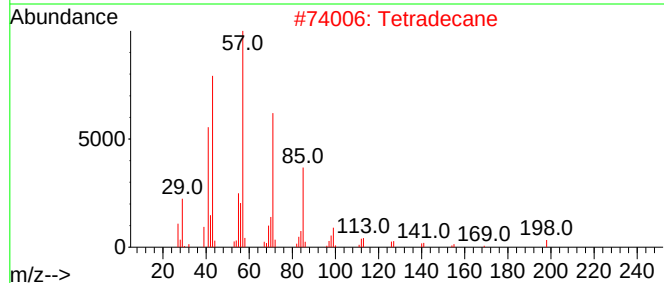
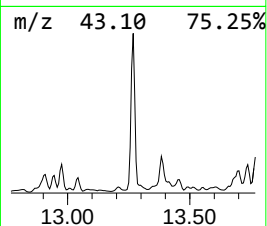
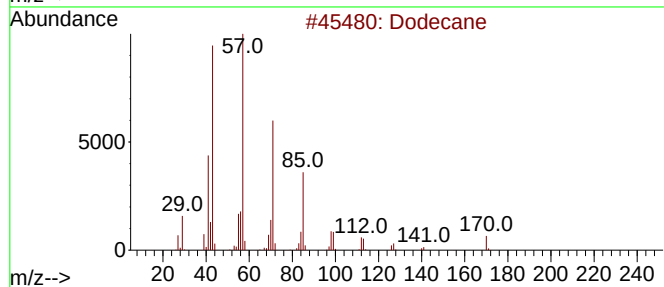
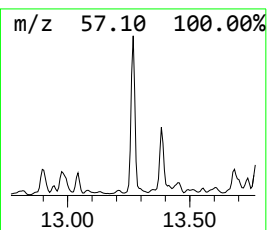
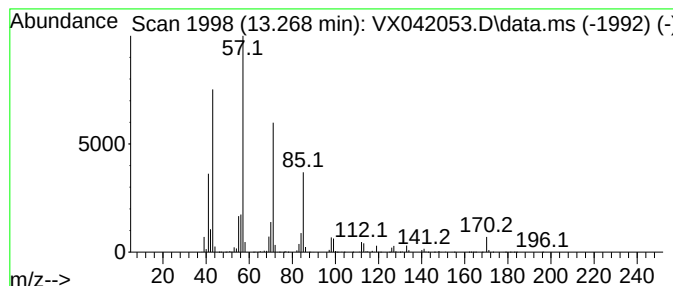
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Dodecane Concentration Rank 5

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 13.268 | 164.14 ug/l | 2843510 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Dodecane                            | 170 | C12H26   | 000112-40-3  | 96   |
| 2    |    |   | Tetradecane                         | 198 | C14H30   | 000629-59-4  | 91   |
| 3    |    |   | Carbonic acid, tetradecyl vinyl ... | 284 | C17H32O3 | 1000382-54-5 | 90   |
| 4    |    |   | Undecane                            | 156 | C11H24   | 001120-21-4  | 86   |
| 5    |    |   | Hexadecane                          | 226 | C16H34   | 000544-76-3  | 86   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062624\  
Data File : VX042053.D  
Acq On : 26 Jun 2024 15:13  
Operator : JC/MD  
Sample : P3072-04 10X  
Misc : 1.20g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1419

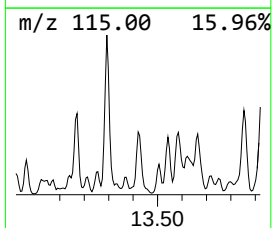
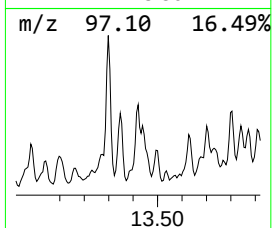
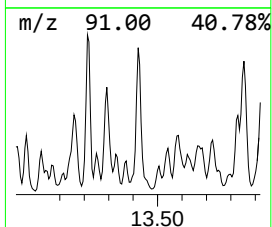
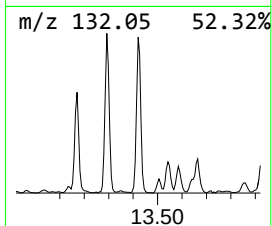
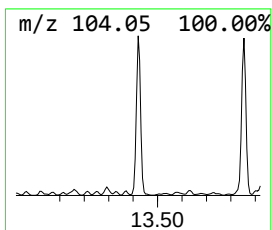
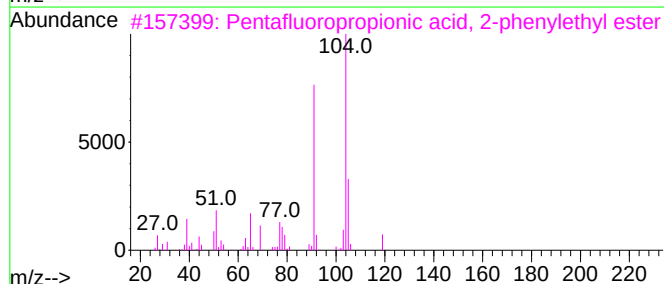
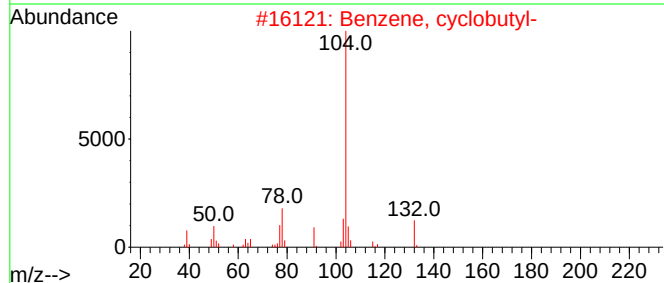
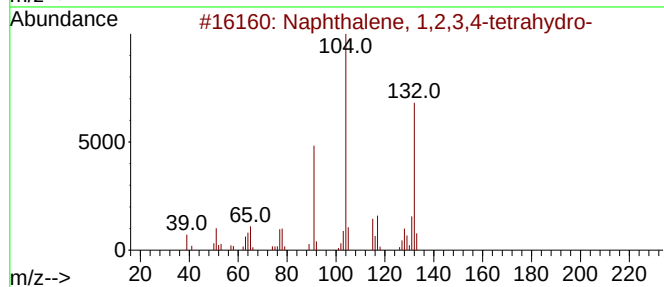
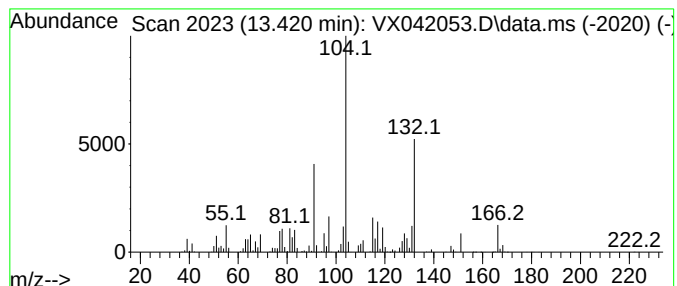
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Quant Title : SW846 8260

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

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Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 9

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 13.420 | 103.33 ug/l | 1790100 | 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    |    |   | Benzene, cyclobutyl-                | 132 | C10H12    | 004392-30-7 | 53   |
| 3    |    |   | Pentafluoropropionic acid, 2-phe... | 268 | C11H9F5O2 | 081089-48-7 | 38   |
| 4    |    |   | Benzene, 3-cyclohexen-1-yl-         | 158 | C12H14    | 004994-16-5 | 38   |
| 5    |    |   | 2-Propenoic acid, 2-phenylethyl ... | 176 | C11H12O2  | 003530-36-7 | 35   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062624\  
Data File : VX042053.D  
Acq On : 26 Jun 2024 15:13  
Operator : JC/MD  
Sample : P3072-04 10X  
Misc : 1.20g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1419

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
Quant Title : SW846 8260

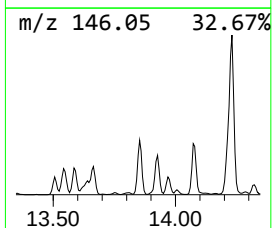
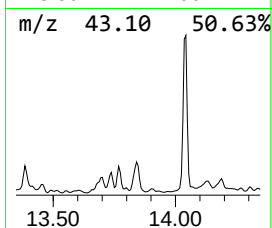
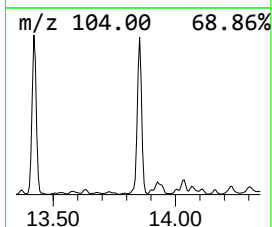
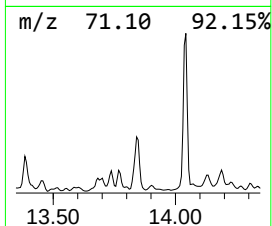
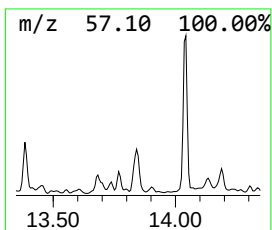
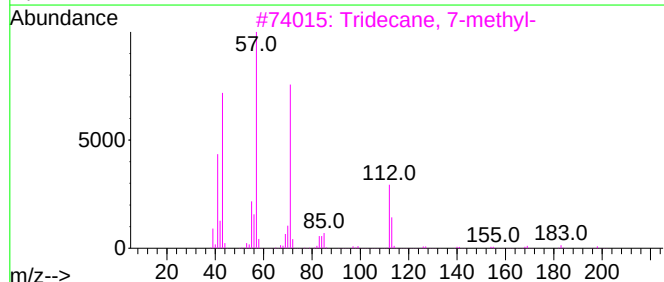
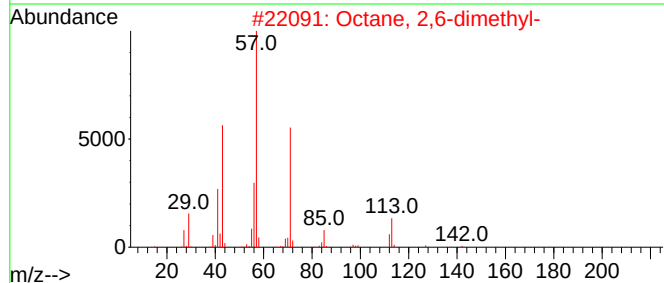
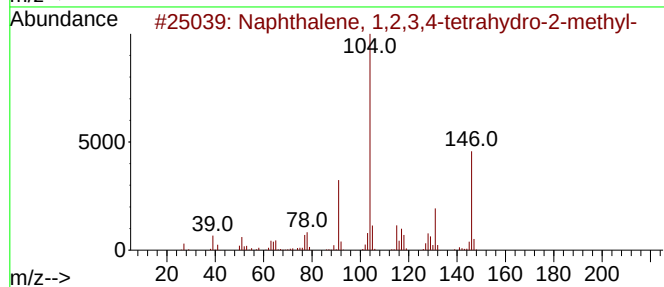
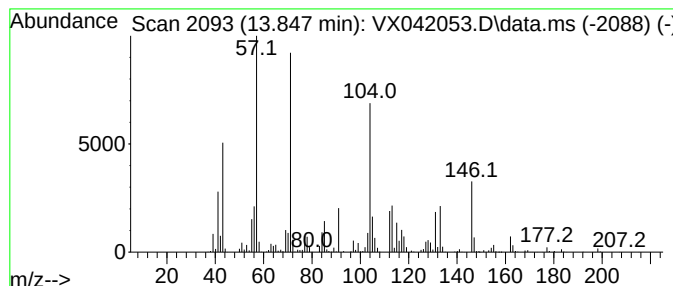
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TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 13.847 | 133.96 ug/l | 2320550 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14    | 003877-19-8  | 74   |
| 2    |    |   | Octane, 2,6-dimethyl-               | 142 | C10H22    | 002051-30-1  | 50   |
| 3    |    |   | Tridecane, 7-methyl-                | 198 | C14H30    | 026730-14-3  | 46   |
| 4    |    |   | Sulfurous acid, dodecyl 2-ethylh... | 362 | C20H42O3S | 1000309-19-5 | 43   |
| 5    |    |   | Oxalic acid, 2-ethylhexyl octyl ... | 314 | C18H34O4  | 1000309-39-1 | 35   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062624\  
Data File : VX042053.D  
Acq On : 26 Jun 2024 15:13  
Operator : JC/MD  
Sample : P3072-04 10X  
Misc : 1.20g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1419

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
Quant Title : SW846 8260

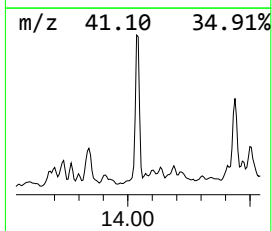
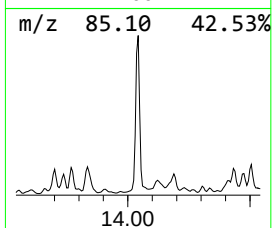
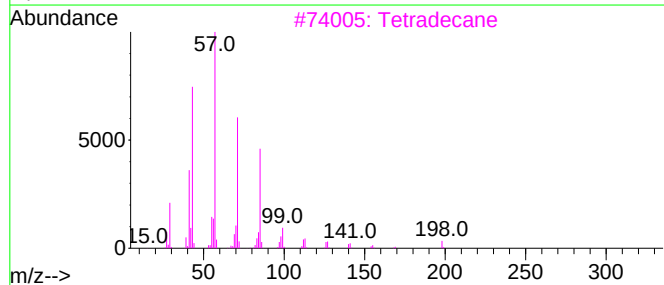
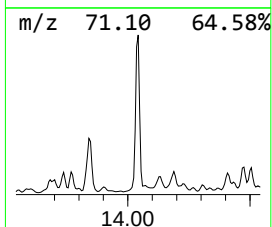
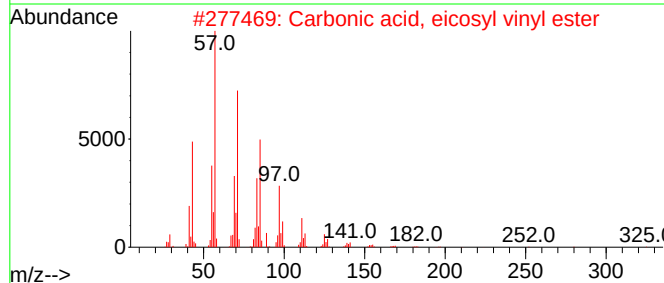
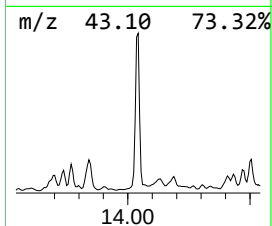
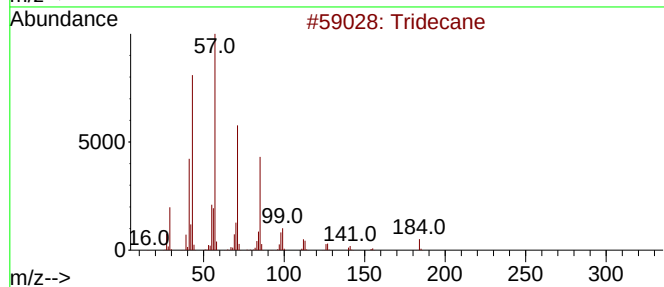
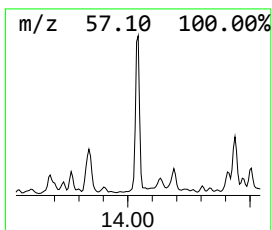
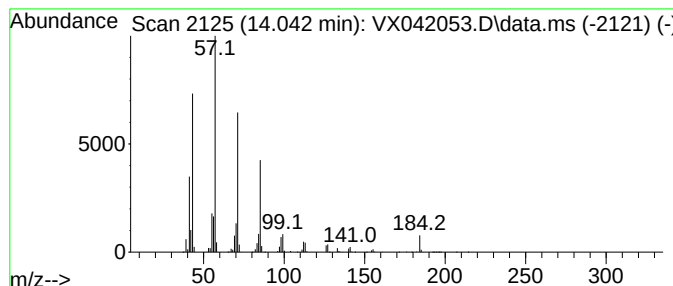
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Tridecane Concentration Rank 3

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 14.042 | 181.55 ug/l | 3145000 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Tridecane                           | 184 | C13H28   | 000629-50-5  | 98   |
| 2    |    |   | Carbonic acid, eicosyl vinyl ester  | 368 | C23H44O3 | 1000382-54-3 | 91   |
| 3    |    |   | Tetradecane                         | 198 | C14H30   | 000629-59-4  | 91   |
| 4    |    |   | Carbonic acid, octadecyl prop-1-... | 354 | C22H42O3 | 1000383-11-5 | 90   |
| 5    |    |   | Dodecane                            | 170 | C12H26   | 000112-40-3  | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062624\  
Data File : VX042053.D  
Acq On : 26 Jun 2024 15:13  
Operator : JC/MD  
Sample : P3072-04 10X  
Misc : 1.20g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1419

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
Quant Title : SW846 8260

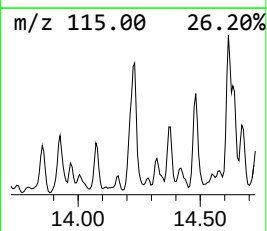
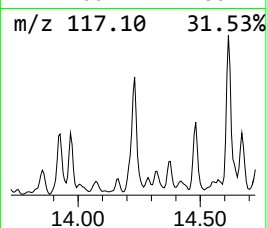
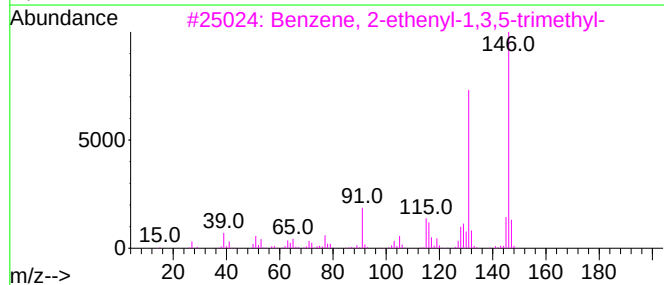
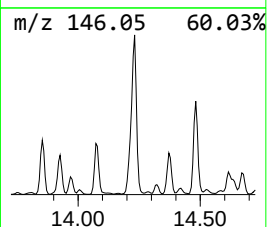
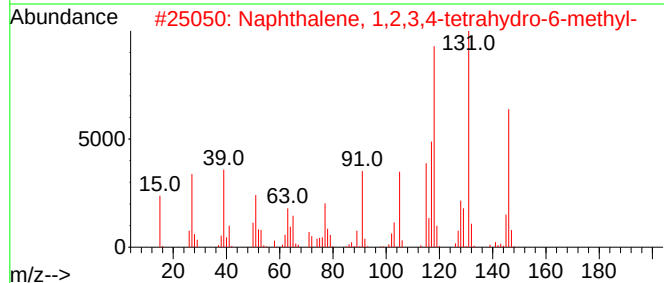
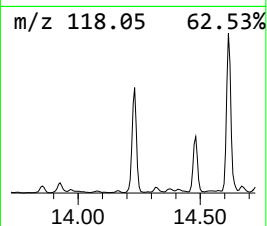
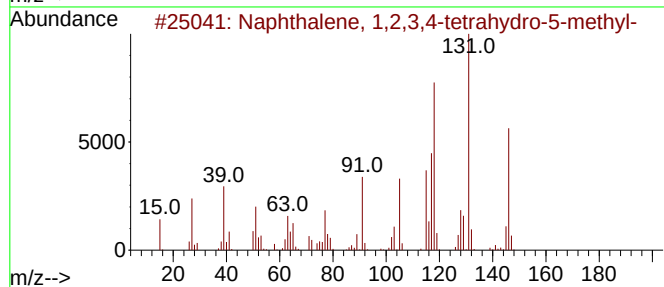
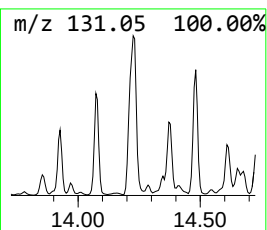
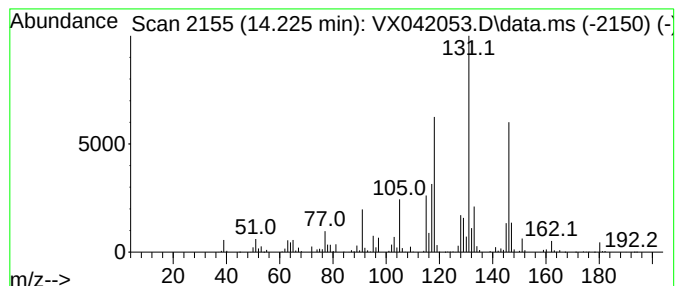
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 14.225 | 168.66 ug/l | 2921760 | 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 | 95   |
| 2    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 001680-51-9 | 93   |
| 3    |    |   | Benzene, 2-ethenyl-1,3,5-trimethyl- | 146 | C11H14  | 000769-25-5 | 70   |
| 4    |    |   | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14  | 017057-82-8 | 70   |
| 5    |    |   | Benzene, 1-methyl-3-(1-methyl-2-... | 146 | C11H14  | 052161-57-6 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062624\  
Data File : VX042053.D  
Acq On : 26 Jun 2024 15:13  
Operator : JC/MD  
Sample : P3072-04 10X  
Misc : 1.20g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1419

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
Quant Title : SW846 8260

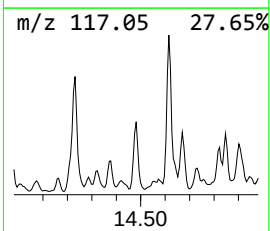
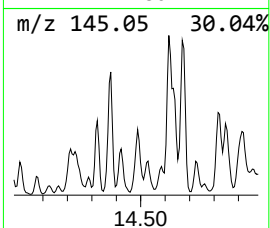
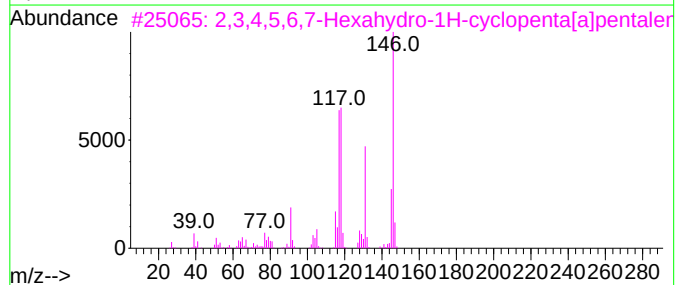
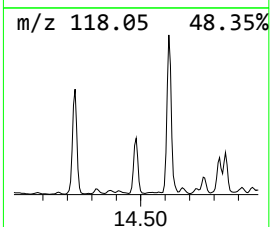
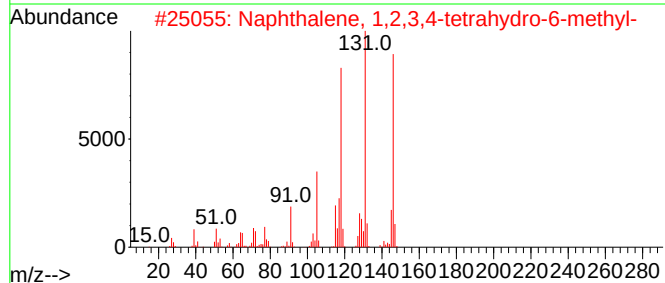
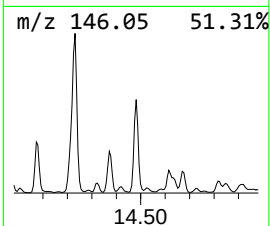
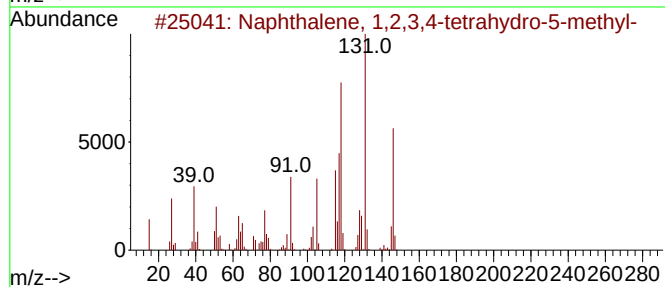
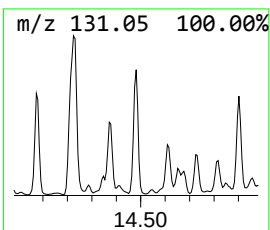
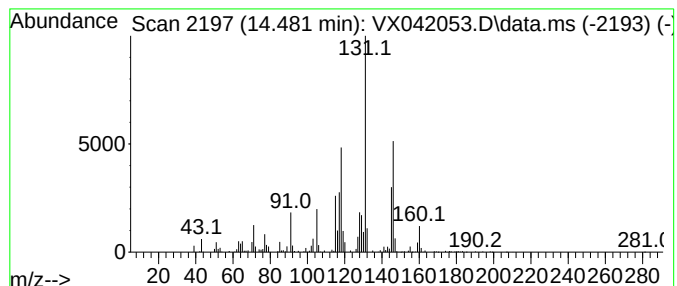
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 10

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 14.481 | 102.03 ug/l | 1767450 | 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  | 94   |
| 2    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 001680-51-9  | 83   |
| 3    |    |   | 2,3,4,5,6,7-Hexahydro-1H-cyclope... | 146 | C11H14  | 1010189-31-0 | 68   |
| 4    |    |   | 1H-Benzimidazole, 5,6-dimethyl-     | 146 | C9H10N2 | 000582-60-5  | 64   |
| 5    |    |   | Naphthalene, 6-ethyl-1,2,3,4-tet... | 160 | C12H16  | 022531-20-0  | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062624\  
Data File : VX042053.D  
Acq On : 26 Jun 2024 15:13  
Operator : JC/MD  
Sample : P3072-04 10X  
Misc : 1.20g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1419

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
Quant Title : SW846 8260

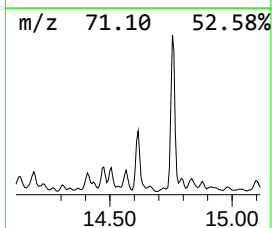
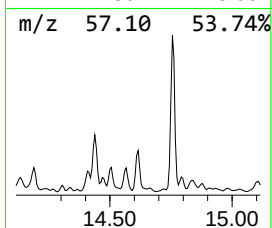
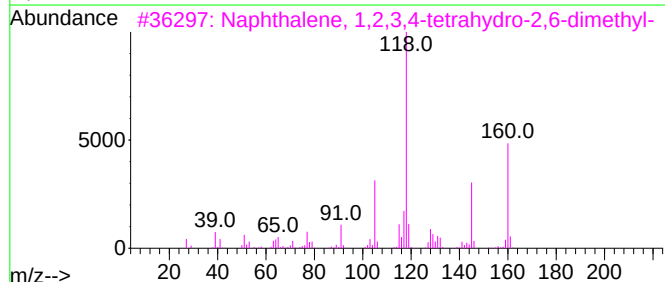
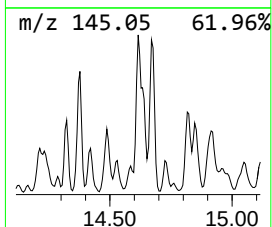
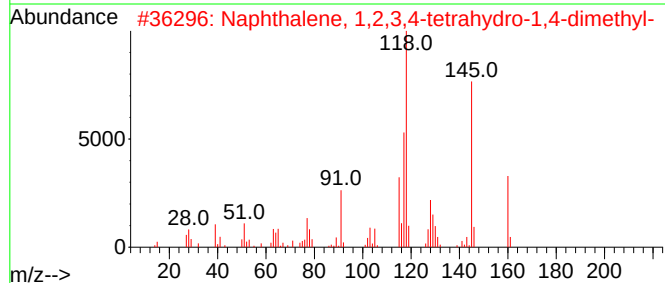
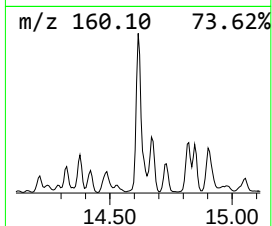
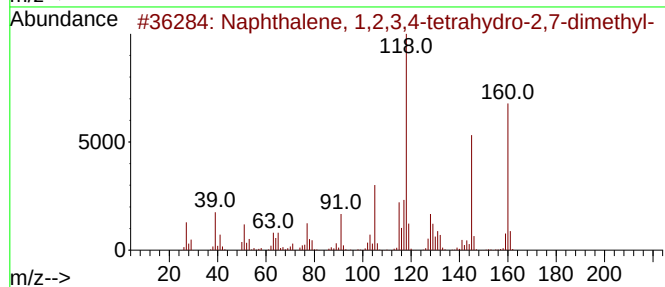
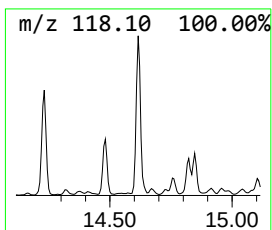
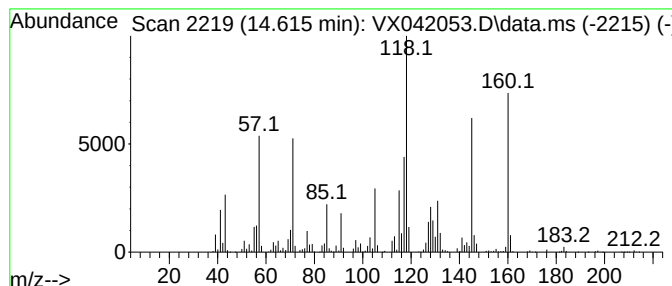
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 14.615 | 225.57 ug/l | 3907580 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 013065-07-1 | 86   |
| 2    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 004175-54-6 | 86   |
| 3    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 007524-63-2 | 64   |
| 4    |    |   | Benzene, 4-(2-butenyl)-1,2-dimet... | 160 | C12H16  | 054340-86-2 | 60   |
| 5    |    |   | Benzene, (3-methyl-1-methylenebu... | 160 | C12H16  | 038212-14-5 | 60   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062624\  
Data File : VX042053.D  
Acq On : 26 Jun 2024 15:13  
Operator : JC/MD  
Sample : P3072-04 10X  
Misc : 1.20g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1419

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
Quant Title : SW846 8260

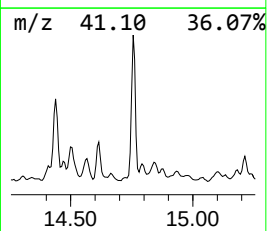
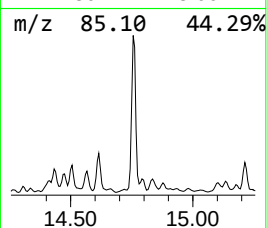
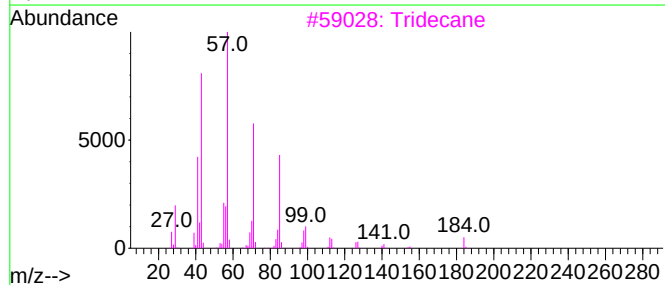
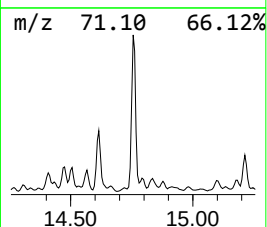
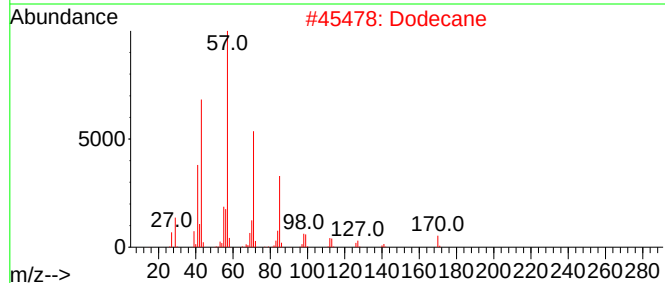
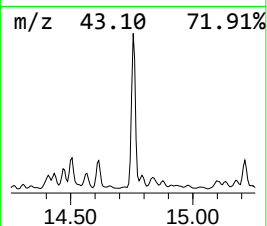
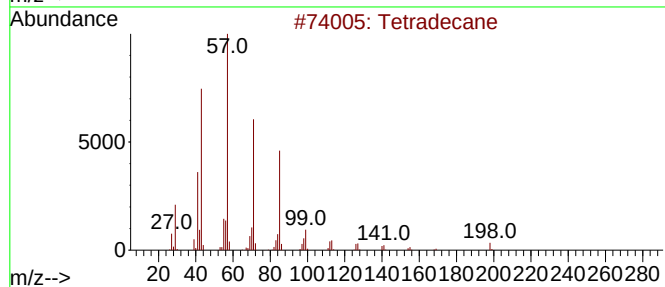
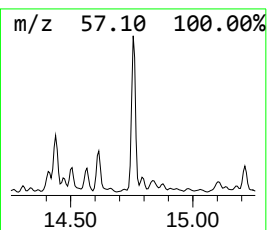
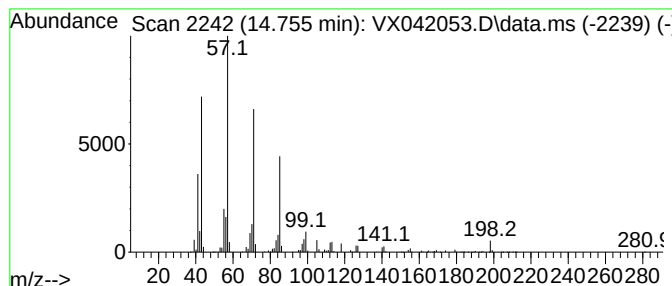
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Tetradecane Concentration Rank 2

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 14.756 | 199.24 ug/l | 3451510 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of 5 | Tentative ID             | MW  | MolForm  | CAS#        | Qual |
|------|------|--------------------------|-----|----------|-------------|------|
| 1    |      | Tetradecane              | 198 | C14H30   | 000629-59-4 | 98   |
| 2    |      | Dodecane                 | 170 | C12H26   | 000112-40-3 | 86   |
| 3    |      | Tridecane                | 184 | C13H28   | 000629-50-5 | 86   |
| 4    |      | Octadecane, 1-chloro-    | 288 | C18H37Cl | 003386-33-2 | 78   |
| 5    |      | Octane, 2,4,6-trimethyl- | 156 | C11H24   | 062016-37-9 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062624\  
Data File : VX042053.D  
Acq On : 26 Jun 2024 15:13  
Operator : JC/MD  
Sample : P3072-04 10X  
Misc : 1.20g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1419

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
Quant Title : SW846 8260

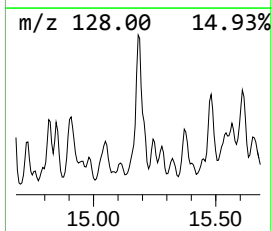
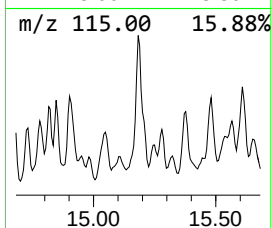
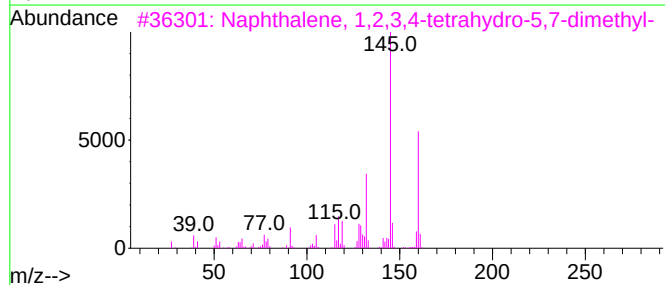
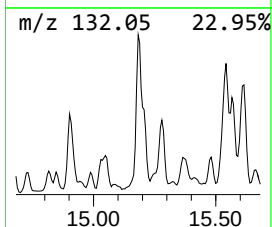
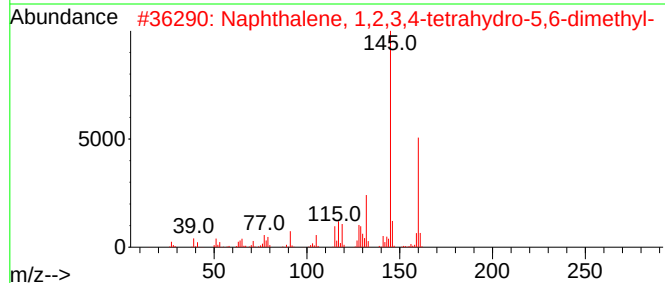
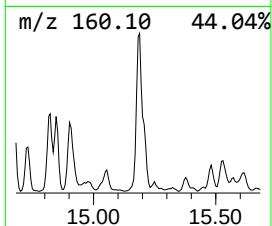
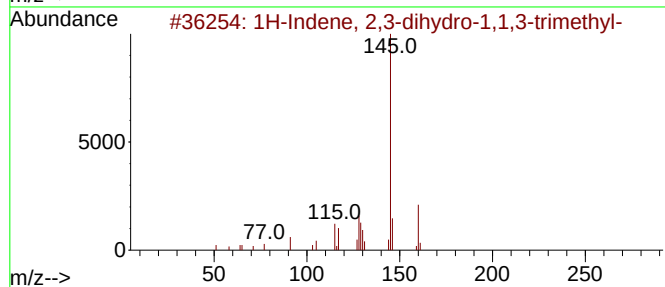
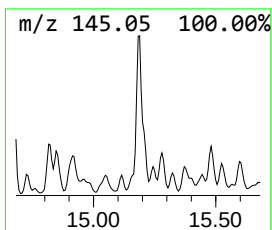
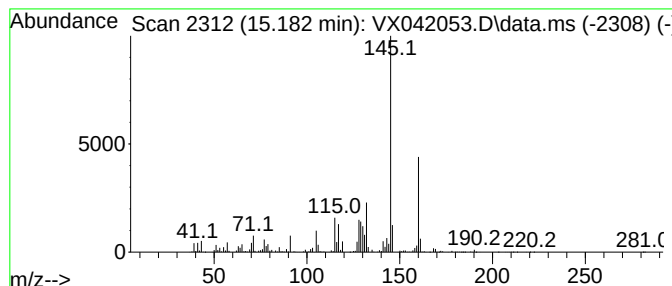
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 8

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 15.182 | 107.68 ug/l | 1865420 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 160 | C12H16  | 002613-76-5 | 95   |
| 2    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 020027-77-4 | 94   |
| 3    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 021693-54-9 | 94   |
| 4    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 021564-91-0 | 93   |
| 5    |    |   | Benzene, 4-(2-butenyl)-1,2-dimet... | 160 | C12H16  | 054340-86-2 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062624\  
Data File : VX042053.D  
Acq On : 26 Jun 2024 15:13  
Operator : JC/MD  
Sample : P3072-04 10X  
Misc : 1.20g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1419

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.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 |
| Undecane           | 12.421 | 118.6   | ug/l  | 2053670  | 4                     | 12.024 | 866167 | 50.0 |
| Dodecane           | 13.268 | 164.1   | ug/l  | 2843510  | 4                     | 12.024 | 866167 | 50.0 |
| Naphthalene, 1,... | 13.420 | 103.3   | ug/l  | 1790100  | 4                     | 12.024 | 866167 | 50.0 |
| Naphthalene, 1,... | 13.847 | 134.0   | ug/l  | 2320550  | 4                     | 12.024 | 866167 | 50.0 |
| Tridecane          | 14.042 | 181.6   | ug/l  | 3145000  | 4                     | 12.024 | 866167 | 50.0 |
| Naphthalene, 1,... | 14.225 | 168.7   | ug/l  | 2921760  | 4                     | 12.024 | 866167 | 50.0 |
| Naphthalene, 1,... | 14.481 | 102.0   | ug/l  | 1767450  | 4                     | 12.024 | 866167 | 50.0 |
| Naphthalene, 1,... | 14.615 | 225.6   | ug/l  | 3907580  | 4                     | 12.024 | 866167 | 50.0 |
| Tetradecane        | 14.756 | 199.2   | ug/l  | 3451510  | 4                     | 12.024 | 866167 | 50.0 |
| 1H-Indene, 2,3-... | 15.182 | 107.7   | ug/l  | 1865420  | 4                     | 12.024 | 866167 | 50.0 |