

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121024\  
 Data File : VX044211.D  
 Acq On : 10 Dec 2024 16:23  
 Operator : JC/MD  
 Sample : P5243-02 100X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 1127-COMP

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\82X112124W.M  
 Title : SW846 8260

Signal : TIC: VX044211.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           | 20           | rVB      | 150434         | 156463        | 12.36%          | 1.427%        |
| 2         | 1.264       | 26            | 29          | 33           | rBV      | 33389          | 29982         | 2.37%           | 0.273%        |
| 3         | 1.368       | 43            | 46          | 52           | rBV      | 72042          | 77027         | 6.08%           | 0.703%        |
| 4         | 1.550       | 69            | 76          | 77           | rBV5     | 18160          | 33164         | 2.62%           | 0.302%        |
| 5         | 1.703       | 98            | 101         | 107          | rVB3     | 48404          | 73098         | 5.77%           | 0.667%        |
| 6         | 1.922       | 133           | 137         | 145          | rVB2     | 22675          | 32388         | 2.56%           | 0.295%        |
| 7         | 2.947       | 298           | 305         | 313          | rBV7     | 5746           | 14510         | 1.15%           | 0.132%        |
| 8         | 3.081       | 321           | 327         | 338          | rVB3     | 5734           | 12748         | 1.01%           | 0.116%        |
| 9         | 3.434       | 376           | 385         | 392          | rBV2     | 8019           | 18553         | 1.47%           | 0.169%        |
| 10        | 3.690       | 415           | 427         | 436          | rBV2     | 13688          | 40688         | 3.21%           | 0.371%        |
| 11        | 5.385       | 693           | 705         | 713          | rBV2     | 70487          | 207532        | 16.39%          | 1.893%        |
| 12        | 5.544       | 722           | 731         | 748          | rVB2     | 110507         | 331668        | 26.20%          | 3.025%        |
| 13        | 5.836       | 769           | 779         | 789          | rBV7     | 7852           | 27976         | 2.21%           | 0.255%        |
| 14        | 5.952       | 789           | 798         | 805          | rVV      | 86905          | 228401        | 18.04%          | 2.083%        |
| 15        | 6.031       | 805           | 811         | 825          | rVB      | 83473          | 227276        | 17.95%          | 2.073%        |
| 16        | 6.611       | 898           | 906         | 914          | rVB4     | 5373           | 13763         | 1.09%           | 0.126%        |
| 17        | 6.757       | 922           | 930         | 947          | rBV      | 182409         | 457726        | 36.15%          | 4.175%        |
| 18        | 7.251       | 1006          | 1011        | 1018         | rBV3     | 6952           | 17186         | 1.36%           | 0.157%        |
| 19        | 7.373       | 1023          | 1031        | 1039         | rVB3     | 28301          | 65316         | 5.16%           | 0.596%        |
| 20        | 8.647       | 1234          | 1240        | 1247         | rVV      | 397523         | 630289        | 49.78%          | 5.749%        |
| 21        | 8.714       | 1247          | 1251        | 1268         | rVB      | 188381         | 311892        | 24.63%          | 2.845%        |
| 22        | 9.488       | 1373          | 1378        | 1386         | rBV5     | 9633           | 17996         | 1.42%           | 0.164%        |
| 23        | 10.055      | 1465          | 1471        | 1485         | rVB2     | 393252         | 631298        | 49.86%          | 5.758%        |
| 24        | 10.195      | 1485          | 1494        | 1503         | rVB      | 37156          | 61033         | 4.82%           | 0.557%        |
| 25        | 10.299      | 1503          | 1511        | 1518         | rBV      | 159234         | 227460        | 17.97%          | 2.075%        |
| 26        | 10.640      | 1562          | 1567        | 1577         | rVB      | 75777          | 106511        | 8.41%           | 0.971%        |
| 27        | 10.756      | 1582          | 1586        | 1595         | rBV      | 27222          | 43712         | 3.45%           | 0.399%        |
| 28        | 11.079      | 1634          | 1639        | 1650         | rBV      | 316749         | 418184        | 33.03%          | 3.814%        |
| 29        | 11.293      | 1670          | 1674        | 1682         | rBV5     | 12325          | 26564         | 2.10%           | 0.242%        |
| 30        | 11.384      | 1684          | 1689        | 1694         | rVV2     | 37783          | 79857         | 6.31%           | 0.728%        |
| 31        | 11.451      | 1697          | 1700        | 1708         | rVB3     | 25940          | 44170         | 3.49%           | 0.403%        |
| 32        | 11.573      | 1716          | 1720        | 1723         | rBV2     | 22520          | 30889         | 2.44%           | 0.282%        |
| 33        | 11.610      | 1723          | 1726        | 1734         | rVV2     | 43116          | 64669         | 5.11%           | 0.590%        |
| 34        | 11.683      | 1734          | 1738        | 1745         | rVV      | 82127          | 110874        | 8.76%           | 1.011%        |
| 35        | 11.750      | 1745          | 1749        | 1760         | rVB      | 101548         | 131271        | 10.37%          | 1.197%        |
| 36        | 11.988      | 1782          | 1788        | 1791         | rBV      | 590371         | 750415        | 59.27%          | 6.845%        |

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 Sample : P5243-02 100X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 1127-COMP

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
 Title : SW846 8260

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 12.018 | 1791 | 1793 | 1800 | rVV  | 415655 | 538439  | 42.53%  | 4.911%  |
| 38 | 12.085 | 1800 | 1804 | 1810 | rVB  | 37619  | 55926   | 4.42%   | 0.510%  |
| 39 | 12.219 | 1821 | 1826 | 1837 | rBV  | 911933 | 1266114 | 100.00% | 11.548% |
| 40 | 12.311 | 1837 | 1841 | 1853 | rVV5 | 53501  | 128897  | 10.18%  | 1.176%  |
| 41 | 12.420 | 1855 | 1859 | 1863 | rVV3 | 18250  | 32192   | 2.54%   | 0.294%  |
| 42 | 12.463 | 1863 | 1866 | 1873 | rVV2 | 12357  | 23182   | 1.83%   | 0.211%  |
| 43 | 12.530 | 1873 | 1877 | 1879 | rVV2 | 15893  | 22308   | 1.76%   | 0.203%  |
| 44 | 12.555 | 1879 | 1881 | 1884 | rVV  | 17378  | 19591   | 1.55%   | 0.179%  |
| 45 | 12.609 | 1885 | 1890 | 1894 | rVV  | 27060  | 41885   | 3.31%   | 0.382%  |
| 46 | 12.652 | 1894 | 1897 | 1901 | rVV5 | 11526  | 19607   | 1.55%   | 0.179%  |
| 47 | 12.701 | 1901 | 1905 | 1914 | rVB6 | 10236  | 25163   | 1.99%   | 0.230%  |
| 48 | 12.811 | 1915 | 1923 | 1926 | rVV4 | 16386  | 38999   | 3.08%   | 0.356%  |
| 49 | 12.847 | 1926 | 1929 | 1933 | rVV2 | 10557  | 14775   | 1.17%   | 0.135%  |
| 50 | 12.920 | 1933 | 1941 | 1944 | rVV4 | 26256  | 52238   | 4.13%   | 0.476%  |
| 51 | 12.963 | 1944 | 1948 | 1956 | rVV  | 28647  | 47841   | 3.78%   | 0.436%  |
| 52 | 13.042 | 1956 | 1961 | 1964 | rVV7 | 6489   | 13061   | 1.03%   | 0.119%  |
| 53 | 13.073 | 1964 | 1966 | 1973 | rVB4 | 6154   | 12995   | 1.03%   | 0.119%  |
| 54 | 13.170 | 1978 | 1982 | 1985 | rBV2 | 13168  | 19360   | 1.53%   | 0.177%  |
| 55 | 13.268 | 1993 | 1998 | 1999 | rBV2 | 29025  | 35781   | 2.83%   | 0.326%  |
| 56 | 13.292 | 1999 | 2002 | 2008 | rVB2 | 35549  | 52162   | 4.12%   | 0.476%  |
| 57 | 13.420 | 2019 | 2023 | 2025 | rBV3 | 21055  | 29489   | 2.33%   | 0.269%  |
| 58 | 13.457 | 2025 | 2029 | 2034 | rVB  | 274932 | 313684  | 24.78%  | 2.861%  |
| 59 | 13.609 | 2046 | 2054 | 2061 | rBV2 | 106549 | 174440  | 13.78%  | 1.591%  |
| 60 | 13.676 | 2061 | 2065 | 2071 | rVV2 | 59072  | 81621   | 6.45%   | 0.744%  |
| 61 | 13.750 | 2072 | 2077 | 2078 | rVV3 | 23226  | 35219   | 2.78%   | 0.321%  |
| 62 | 13.774 | 2078 | 2081 | 2088 | rVV  | 47064  | 72092   | 5.69%   | 0.658%  |
| 63 | 13.847 | 2088 | 2093 | 2099 | rVB4 | 54797  | 93327   | 7.37%   | 0.851%  |
| 64 | 13.920 | 2099 | 2105 | 2116 | rBV7 | 48430  | 113949  | 9.00%   | 1.039%  |
| 65 | 14.036 | 2120 | 2124 | 2127 | rVV  | 70393  | 75405   | 5.96%   | 0.688%  |
| 66 | 14.140 | 2137 | 2141 | 2143 | rBV  | 21982  | 25785   | 2.04%   | 0.235%  |
| 67 | 14.225 | 2149 | 2155 | 2159 | rBV3 | 69441  | 114454  | 9.04%   | 1.044%  |
| 68 | 14.268 | 2159 | 2162 | 2165 | rVB2 | 16086  | 16376   | 1.29%   | 0.149%  |
| 69 | 14.323 | 2167 | 2171 | 2172 | rBV4 | 10593  | 13022   | 1.03%   | 0.119%  |
| 70 | 14.347 | 2172 | 2175 | 2177 | rBV3 | 12850  | 15877   | 1.25%   | 0.145%  |
| 71 | 14.432 | 2183 | 2189 | 2193 | rVB2 | 31269  | 50732   | 4.01%   | 0.463%  |
| 72 | 14.475 | 2193 | 2196 | 2206 | rVB5 | 39837  | 87244   | 6.89%   | 0.796%  |
| 73 | 14.566 | 2206 | 2211 | 2214 | rBV6 | 11536  | 19718   | 1.56%   | 0.180%  |
| 74 | 14.634 | 2215 | 2222 | 2226 | rBV3 | 112485 | 238294  | 18.82%  | 2.174%  |
| 75 | 14.670 | 2226 | 2228 | 2232 | rVB2 | 21455  | 23959   | 1.89%   | 0.219%  |
| 76 | 14.725 | 2233 | 2237 | 2239 | rBV4 | 11160  | 16197   | 1.28%   | 0.148%  |

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 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 1127-COMP

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\82X112124W.M  
 Title : SW846 8260

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 77 | 14.755 | 2239 | 2242 | 2244 | rVV  | 89707  | 101866 | 8.05%  | 0.929% |
| 78 | 14.780 | 2244 | 2246 | 2250 | rVV  | 58816  | 69702  | 5.51%  | 0.636% |
| 79 | 14.847 | 2254 | 2257 | 2260 | rVB4 | 18735  | 24143  | 1.91%  | 0.220% |
| 80 | 14.914 | 2263 | 2268 | 2273 | rBV8 | 8833   | 19118  | 1.51%  | 0.174% |
| 81 | 15.103 | 2294 | 2299 | 2301 | rBV5 | 16924  | 28843  | 2.28%  | 0.263% |
| 82 | 15.182 | 2308 | 2312 | 2314 | rBV3 | 26772  | 39474  | 3.12%  | 0.360% |
| 83 | 15.207 | 2314 | 2316 | 2320 | rVV2 | 45734  | 59958  | 4.74%  | 0.547% |
| 84 | 15.280 | 2324 | 2328 | 2331 | rVB5 | 15102  | 20759  | 1.64%  | 0.189% |
| 85 | 15.371 | 2340 | 2343 | 2347 | rBV5 | 18387  | 27654  | 2.18%  | 0.252% |
| 86 | 15.487 | 2356 | 2362 | 2367 | rBV2 | 93340  | 146756 | 11.59% | 1.339% |
| 87 | 15.560 | 2369 | 2374 | 2379 | rBV  | 212336 | 313659 | 24.77% | 2.861% |
| 88 | 15.609 | 2379 | 2382 | 2386 | rVB2 | 29685  | 43446  | 3.43%  | 0.396% |
| 89 | 15.883 | 2423 | 2427 | 2433 | rVB5 | 18234  | 33584  | 2.65%  | 0.306% |
| 90 | 15.987 | 2441 | 2444 | 2448 | rVB6 | 14088  | 20212  | 1.60%  | 0.184% |
| 91 | 16.030 | 2448 | 2451 | 2456 | rVB4 | 17241  | 25649  | 2.03%  | 0.234% |
| 92 | 16.091 | 2456 | 2461 | 2469 | rBV7 | 26640  | 65212  | 5.15%  | 0.595% |
| 93 | 16.371 | 2501 | 2507 | 2515 | rBV2 | 58405  | 99613  | 7.87%  | 0.909% |

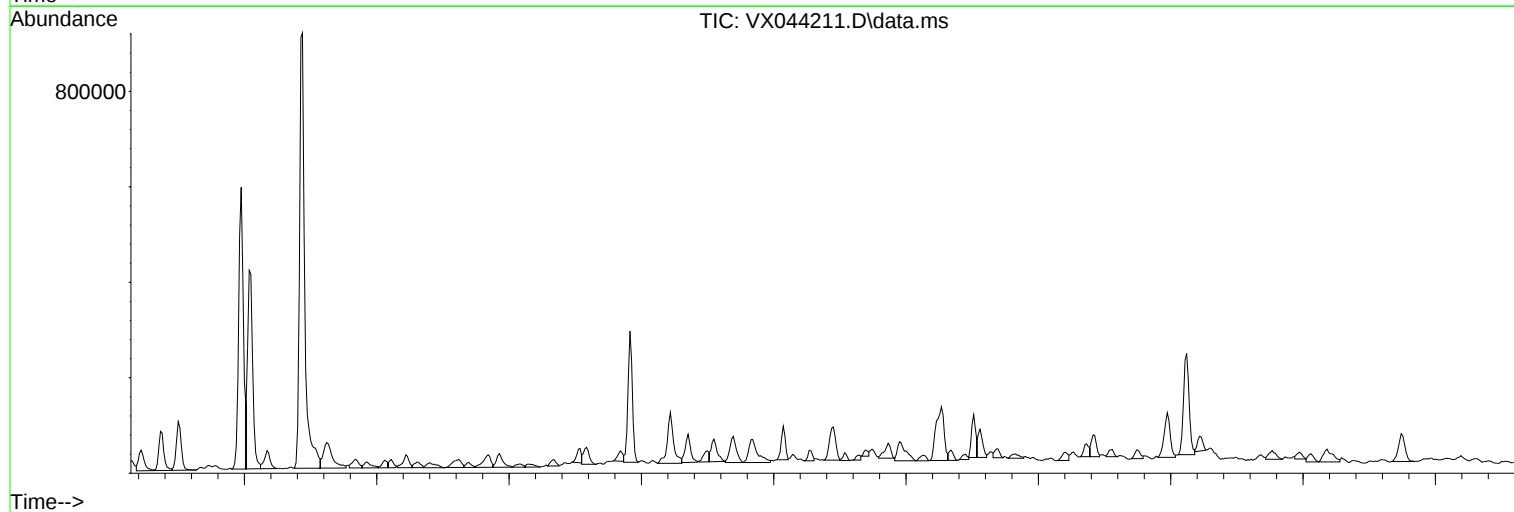
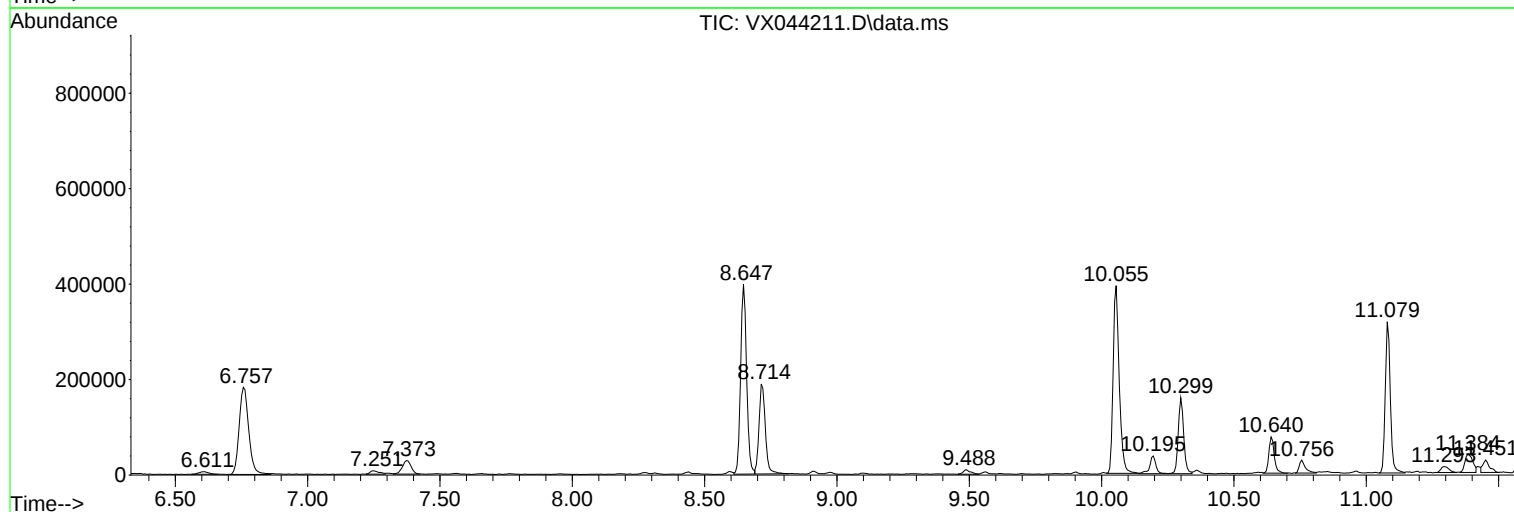
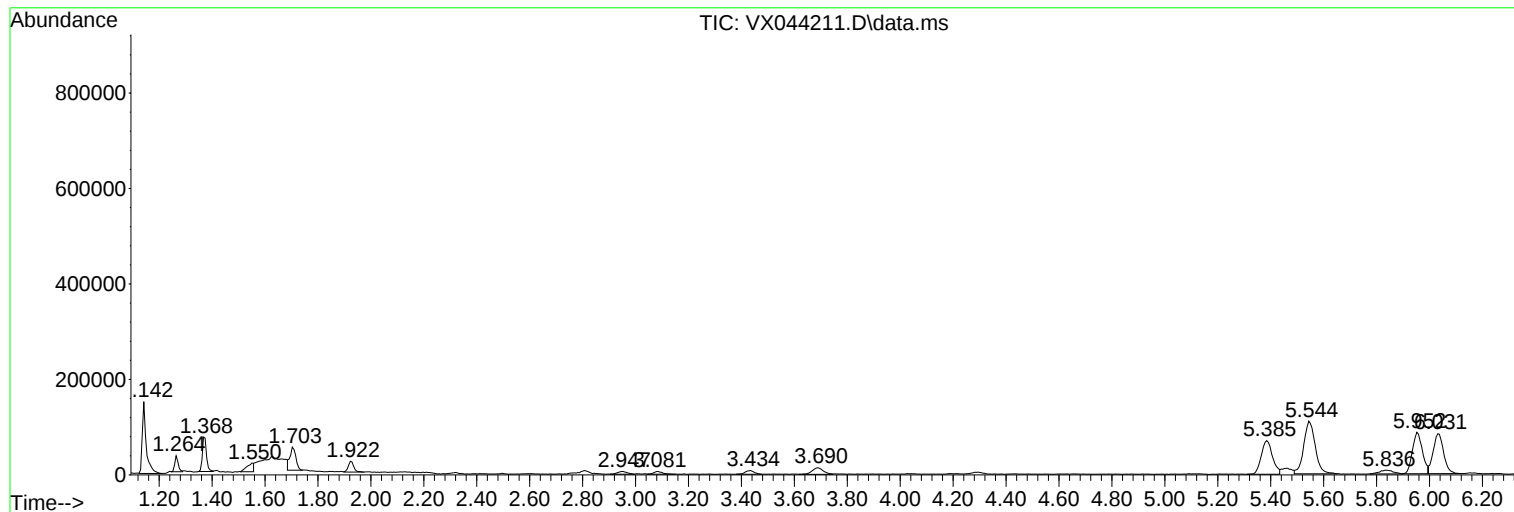
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121024\  
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Sample : P5243-02 100X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1127-COMP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260

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



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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
1127-COMP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260

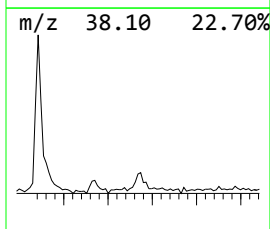
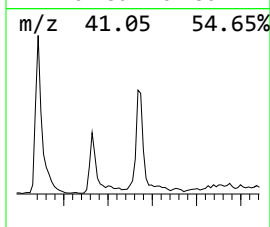
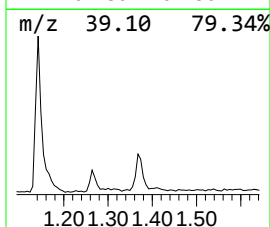
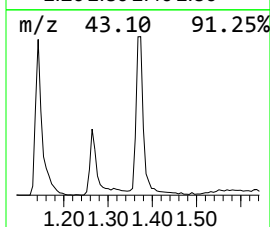
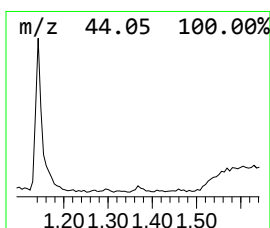
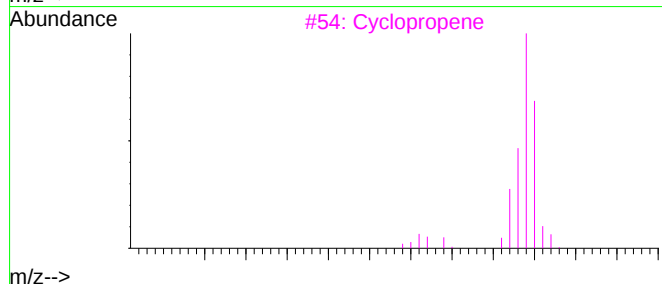
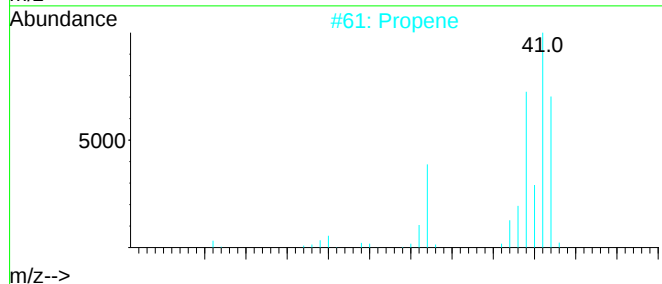
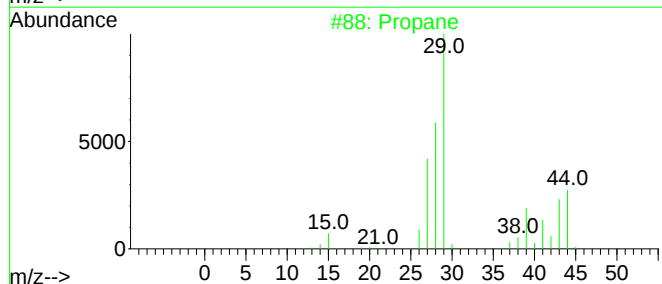
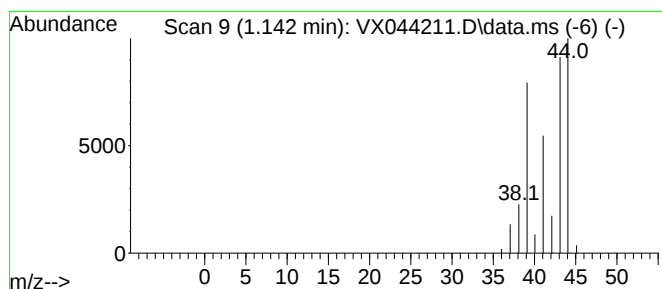
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Propane Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 1.142 | 23.59 ug/l | 156463 | Pentafluorobenzene | 5.544 |

| Hit# of 5 | Tentative ID               | MW | MolForm | CAS#        | Qual |
|-----------|----------------------------|----|---------|-------------|------|
| 1         | Propane                    | 44 | C3H8    | 000074-98-6 | 83   |
| 2         | Propene                    | 42 | C3H6    | 000115-07-1 | 9    |
| 3         | Cyclopropene               | 40 | C3H4    | 002781-85-3 | 2    |
| 4         | Oxiranemethanol, (R)-      | 74 | C3H6O2  | 057044-25-4 | 2    |
| 5         | (R)-(-)-2-Amino-1-propanol | 75 | C3H9NO  | 035320-23-1 | 2    |



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1127-COMP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260

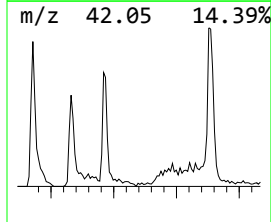
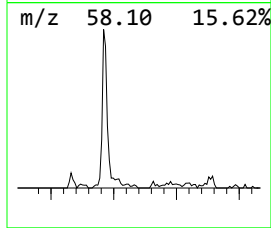
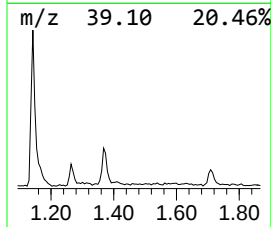
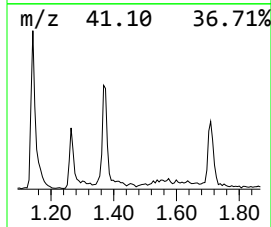
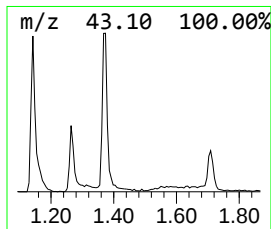
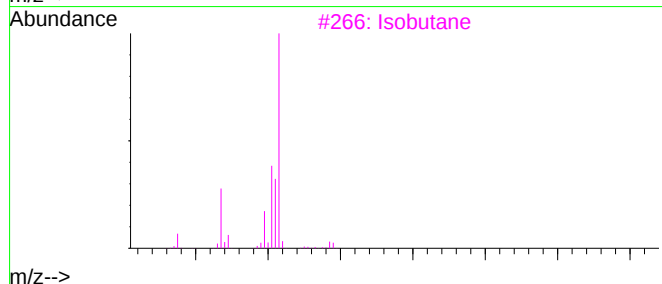
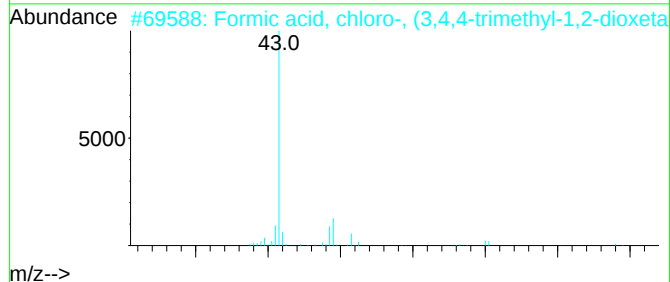
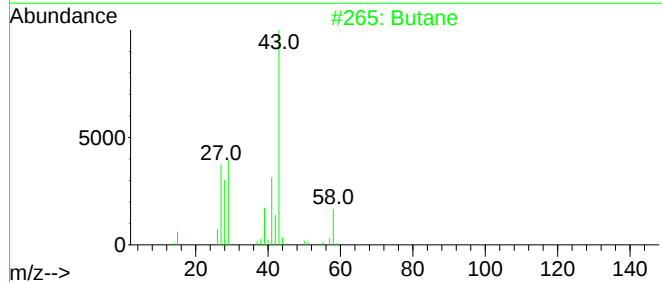
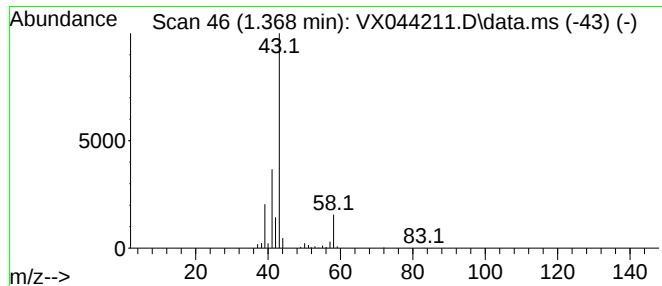
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Butane Concentration Rank 8

| R.T.  | EstConc    | Area  | Relative to ISTD   | R.T.  |
|-------|------------|-------|--------------------|-------|
| 1.368 | 11.61 ug/l | 77027 | Pentafluorobenzene | 5.544 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|-----------|-------------------------------------|-----|-----------|-------------|------|
| 1         | Butane                              | 58  | C4H10     | 000106-97-8 | 80   |
| 2         | Formic acid, chloro-, (3,4,4-tri... | 194 | C7H11ClO4 | 107323-92-2 | 40   |
| 3         | Isobutane                           | 58  | C4H10     | 000075-28-5 | 9    |
| 4         | Butanal, 2,2-dimethyl-              | 100 | C6H12O    | 002094-75-9 | 9    |
| 5         | Propane, 1-nitro-                   | 89  | C3H7NO2   | 000108-03-2 | 9    |



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Acq On : 10 Dec 2024 16:23  
Operator : JC/MD  
Sample : P5243-02 100X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1127-COMP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260

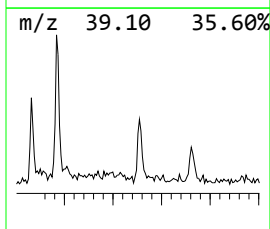
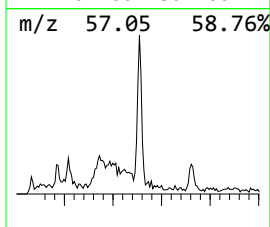
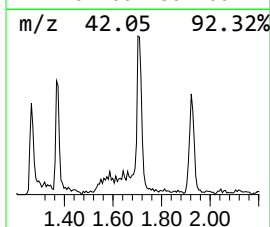
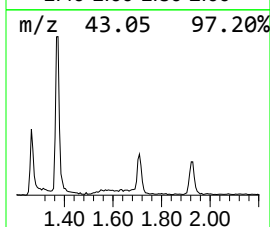
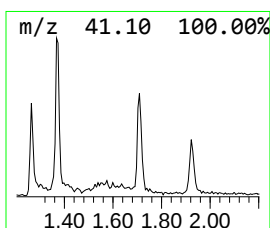
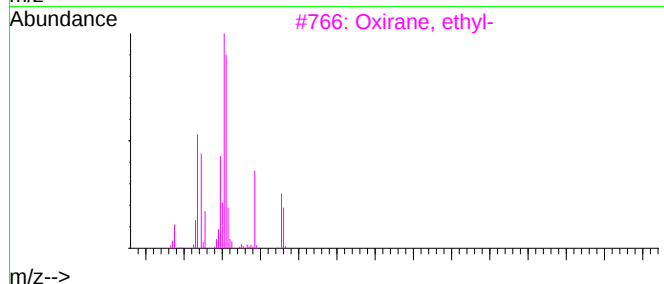
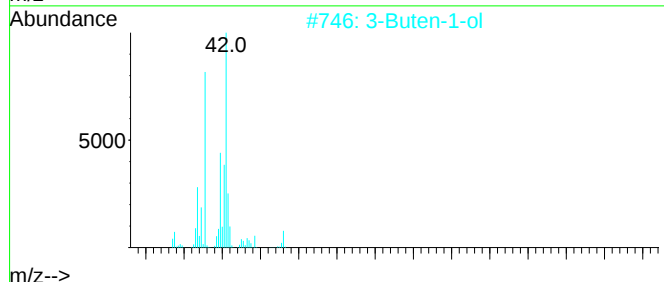
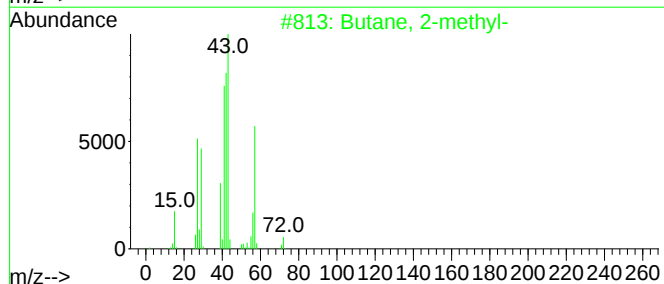
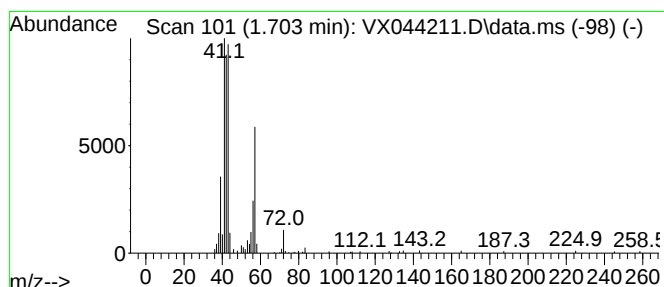
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Butane, 2-methyl- Concentration Rank 9

| R.T.  | EstConc    | Area  | Relative to ISTD   | R.T.  |
|-------|------------|-------|--------------------|-------|
| 1.703 | 11.02 ug/l | 73098 | Pentafluorobenzene | 5.544 |

| Hit# of 5 | Tentative ID            | MW | MolForm | CAS#        | Qual |
|-----------|-------------------------|----|---------|-------------|------|
| 1         | Butane, 2-methyl-       | 72 | C5H12   | 000078-78-4 | 86   |
| 2         | 3-Buten-1-ol            | 72 | C4H8O   | 000627-27-0 | 52   |
| 3         | Oxirane, ethyl-         | 72 | C4H8O   | 000106-88-7 | 45   |
| 4         | 2-Azidopropane          | 85 | C3H7N3  | 000691-57-6 | 38   |
| 5         | 1,3-Dimethyldiaziridine | 72 | C3H8N2  | 026177-36-6 | 28   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121024\  
Data File : VX044211.D  
Acq On : 10 Dec 2024 16:23  
Operator : JC/MD  
Sample : P5243-02 100X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

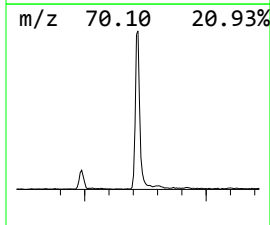
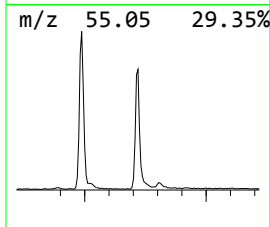
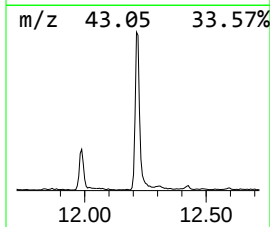
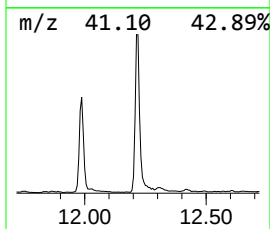
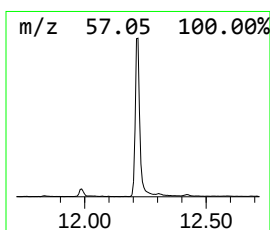
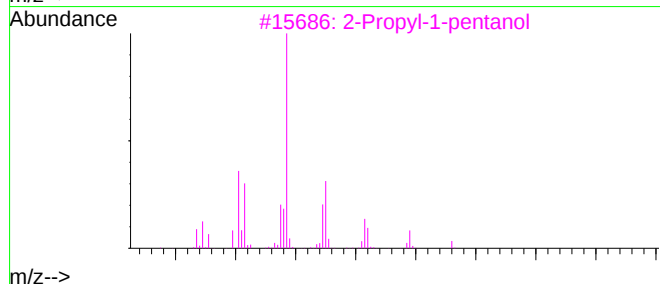
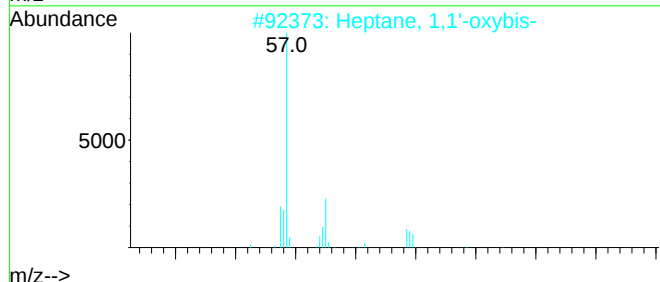
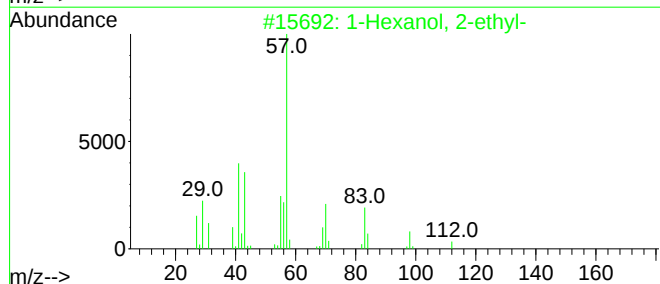
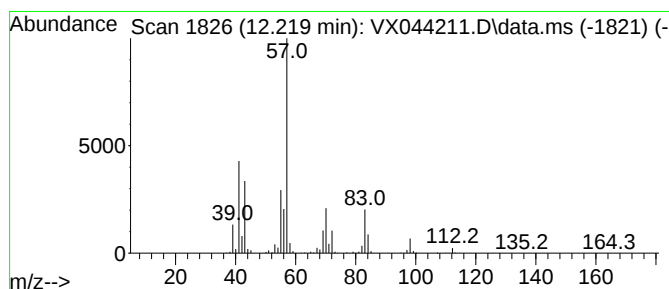
Instrument :  
MSVOA\_X  
ClientSampleId :  
1127-COMP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260

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

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

| R.T.      | EstConc                             | Area    | Relative to ISTD       | R.T.         |      |
|-----------|-------------------------------------|---------|------------------------|--------------|------|
| 12.219    | 117.57 ug/l                         | 1266110 | 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  | 78   |
| 2         | Heptane, 1,1'-oxybis-               | 214     | C14H30O                | 000629-64-1  | 50   |
| 3         | 2-Propyl-1-pentanol                 | 130     | C8H18O                 | 058175-57-8  | 47   |
| 4         | 2-Ethyl-1-hexanol, methyl ether     | 144     | C9H20O                 | 1000365-10-2 | 43   |
| 5         | Carbonic acid, heptyl prop-1-en-... | 200     | C11H20O3               | 1000382-54-1 | 43   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121024\  
Data File : VX044211.D  
Acq On : 10 Dec 2024 16:23  
Operator : JC/MD  
Sample : P5243-02 100X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1127-COMP

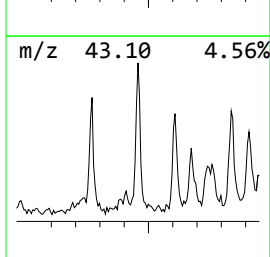
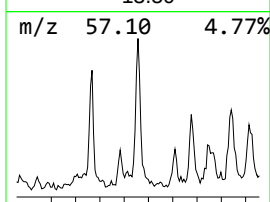
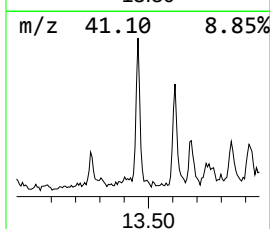
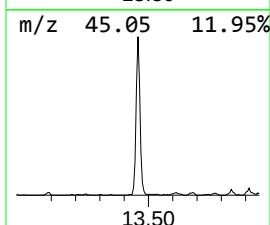
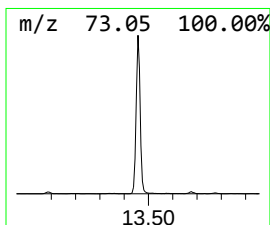
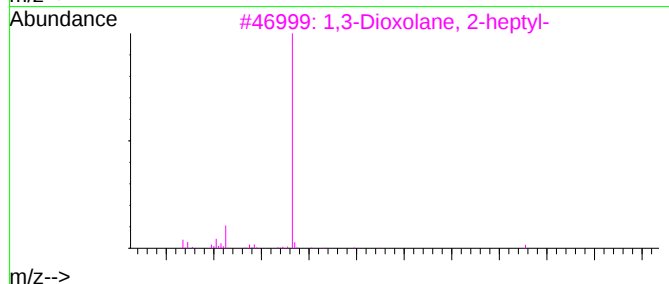
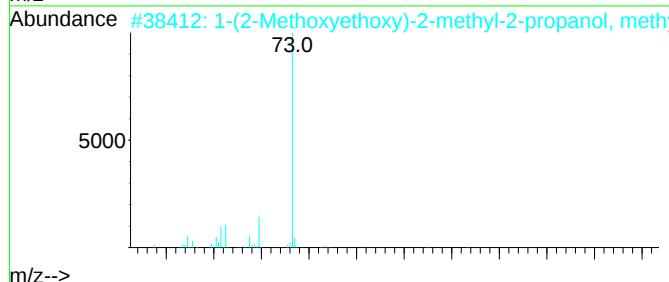
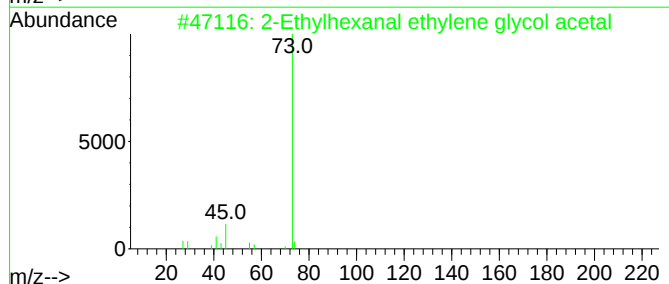
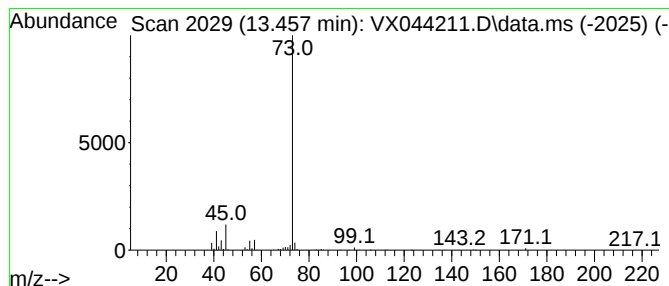
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Quant Title : SW846 8260

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

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Peak Number 5 2-Ethylhexanal ethylene gly... Concentration Rank 2

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.         |      |
|-----------|-------------------------------------|--------|------------------------|--------------|------|
| 13.457    | 29.13 ug/l                          | 313684 | 1,4-Dichlorobenzene-d4 | 12.024       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#         | Qual |
| 1         | 2-Ethylhexanal ethylene glycol a... | 172    | C10H20O2               | 1000431-01-2 | 59   |
| 2         | 1-(2-Methoxyethoxy)-2-methyl-2-p... | 162    | C8H18O3                | 1000364-24-4 | 42   |
| 3         | 1,3-Dioxolane, 2-heptyl-            | 172    | C10H20O2               | 004359-57-3  | 36   |
| 4         | 1,3-Dioxolane, 2-pentadecyl-        | 284    | C18H36O2               | 004360-57-0  | 36   |
| 5         | Benzeneacetonitrile, .alpha.-(1...  | 232    | C12H12N2O3             | 074782-23-3  | 9    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121024\  
Data File : VX044211.D  
Acq On : 10 Dec 2024 16:23  
Operator : JC/MD  
Sample : P5243-02 100X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1127-COMP

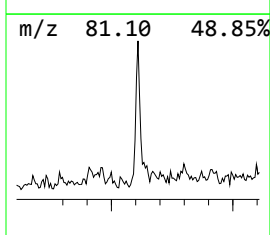
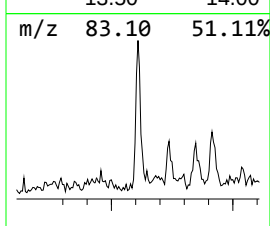
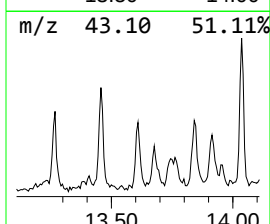
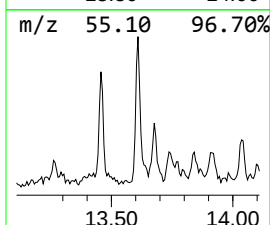
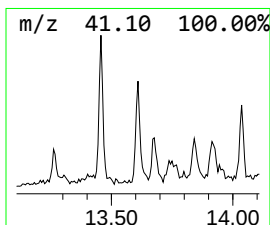
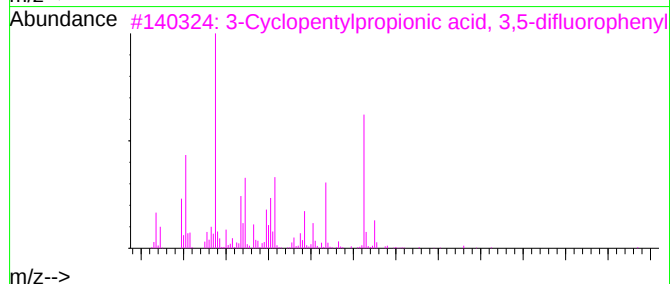
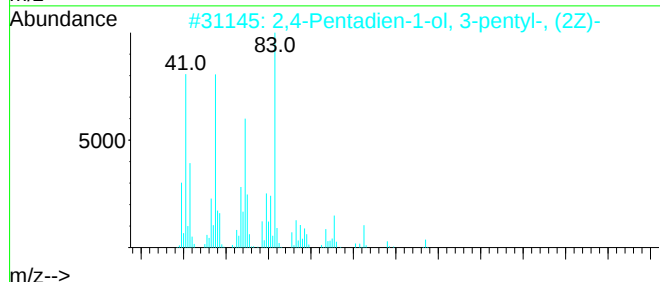
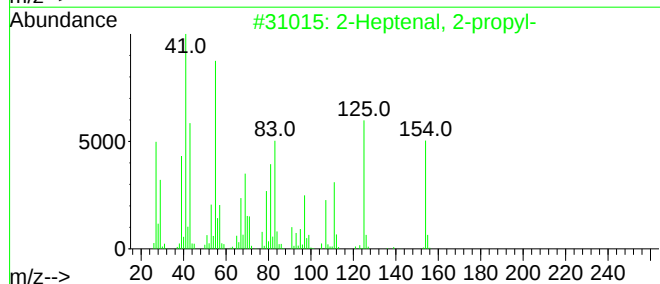
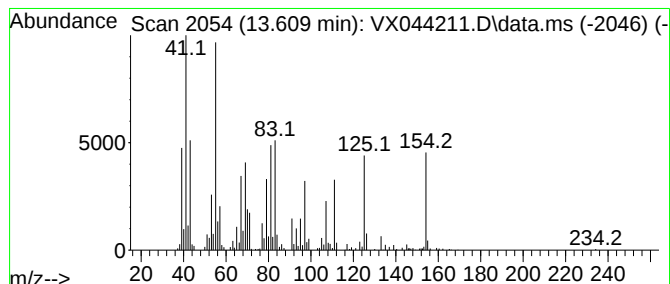
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Quant Title : SW846 8260

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

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Peak Number 6 2-Heptenal, 2-propyl- Concentration Rank 6

| R.T.      | EstConc                              | Area   | Relative to ISTD       | R.T.         |      |
|-----------|--------------------------------------|--------|------------------------|--------------|------|
| 13.609    | 16.20 ug/l                           | 174440 | 1,4-Dichlorobenzene-d4 | 12.024       |      |
| Hit# of 5 | Tentative ID                         | MW     | MolForm                | CAS#         | Qual |
| 1         | 2-Heptenal, 2-propyl-                | 154    | C10H18O                | 034880-43-8  | 93   |
| 2         | 2,4-Pentadien-1-ol, 3-pentyl-, (...) | 154    | C10H18O                | 1010142-19-7 | 64   |
| 3         | 3-Cyclopentylpropionic acid, 3,5...  | 254    | C14H16F2O2             | 1000293-58-5 | 35   |
| 4         | 2-Acetyl-3,4,5,6-tetrahydropyridine  | 125    | C7H11NO                | 027300-27-2  | 27   |
| 5         | 4H,5H,6H,7H,8H-2,1,3-Cyclohepta[...] | 154    | C7H10N2O2              | 1000411-31-9 | 25   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121024\  
Data File : VX044211.D  
Acq On : 10 Dec 2024 16:23  
Operator : JC/MD  
Sample : P5243-02 100X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1127-COMP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260

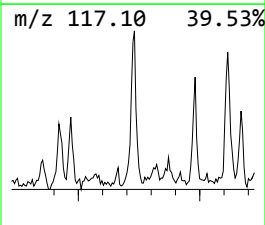
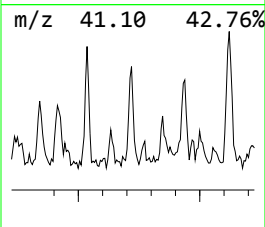
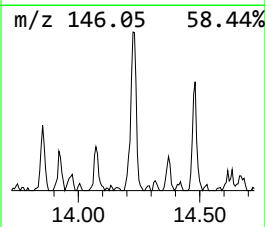
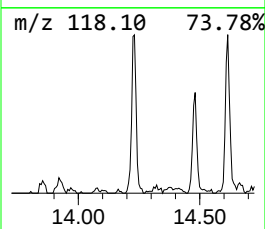
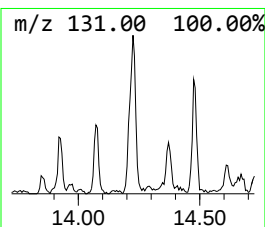
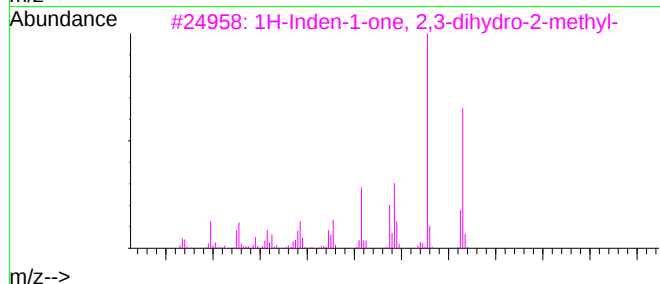
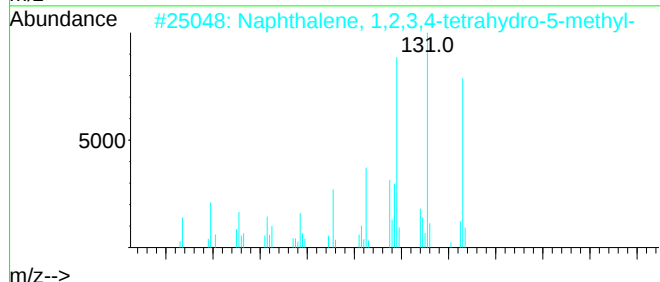
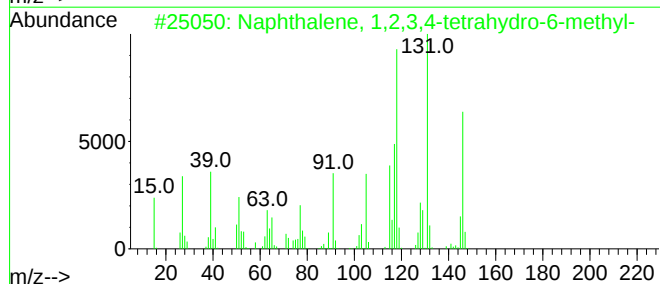
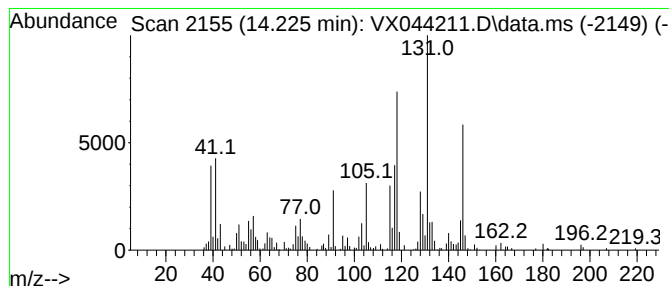
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|--------|------------------------|-------------|------|
| 14.225    | 10.63 ug/l                          | 114454 | 1,4-Dichlorobenzene-d4 | 12.024      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#        | Qual |
| 1         | Naphthalene, 1,2,3,4-tetrahydro-... | 146    | C11H14                 | 001680-51-9 | 96   |
| 2         | Naphthalene, 1,2,3,4-tetrahydro-... | 146    | C11H14                 | 002809-64-5 | 95   |
| 3         | 1H-Inden-1-one, 2,3-dihydro-2-me... | 146    | C10H10O                | 017496-14-9 | 64   |
| 4         | 1-Methylindan-2-one                 | 146    | C10H10O                | 035587-60-1 | 64   |
| 5         | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146    | C11H14                 | 017059-48-2 | 55   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121024\  
Data File : VX044211.D  
Acq On : 10 Dec 2024 16:23  
Operator : JC/MD  
Sample : P5243-02 100X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1127-COMP

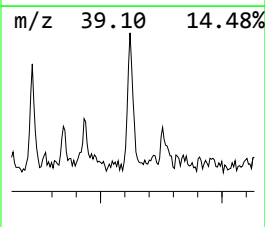
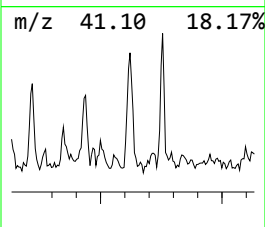
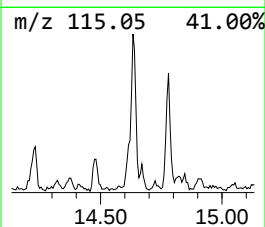
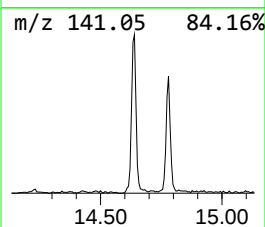
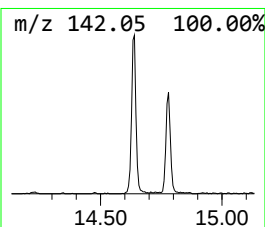
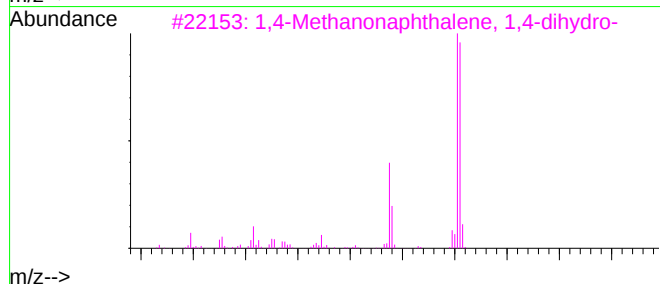
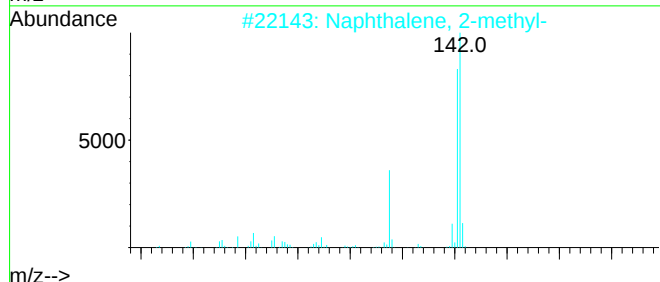
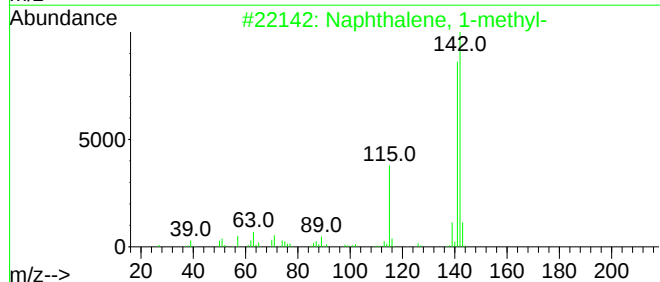
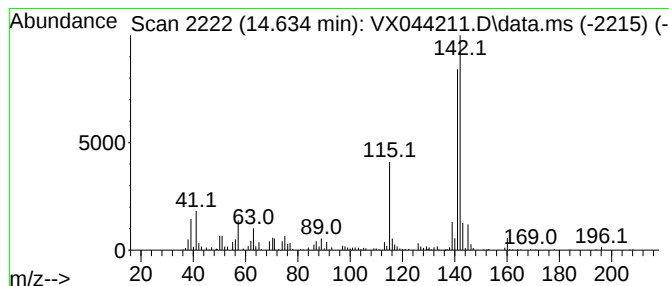
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Quant Title : SW846 8260

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

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Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 5

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|--------|------------------------|-------------|------|
| 14.634    | 22.13 ug/l                          | 238294 | 1,4-Dichlorobenzene-d4 | 12.024      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#        | Qual |
| 1         | Naphthalene, 1-methyl-              | 142    | C11H10                 | 000090-12-0 | 95   |
| 2         | Naphthalene, 2-methyl-              | 142    | C11H10                 | 000091-57-6 | 95   |
| 3         | 1,4-Methanonaphthalene, 1,4-dihy... | 142    | C11H10                 | 004453-90-1 | 93   |
| 4         | Benzocycloheptatriene               | 142    | C11H10                 | 000264-09-5 | 93   |
| 5         | Bicyclo[4.4.1]undeca-1,3,5,7,9-p... | 142    | C11H10                 | 002443-46-1 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121024\  
Data File : VX044211.D  
Acq On : 10 Dec 2024 16:23  
Operator : JC/MD  
Sample : P5243-02 100X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1127-COMP

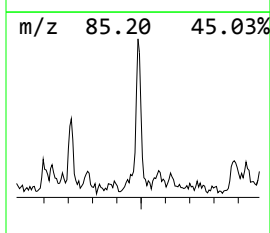
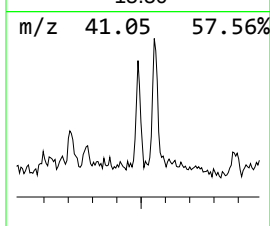
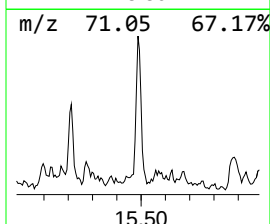
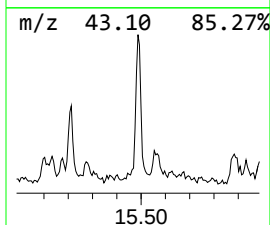
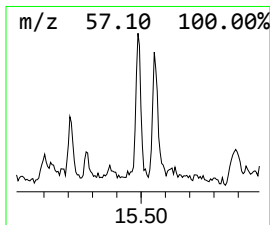
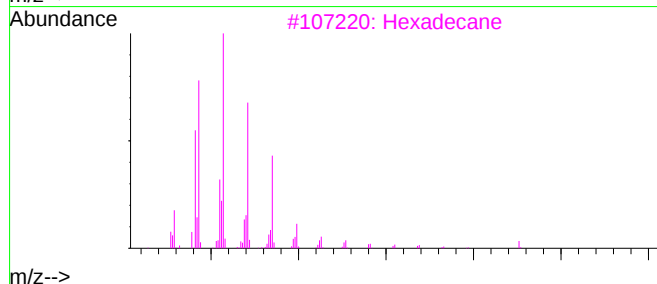
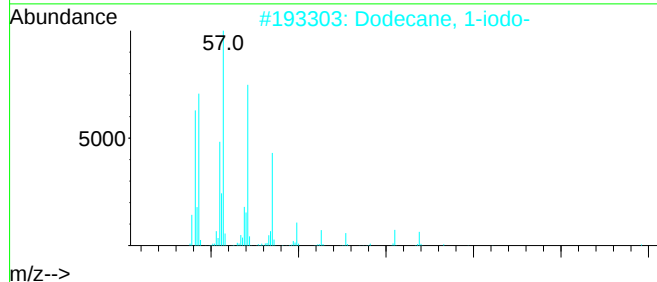
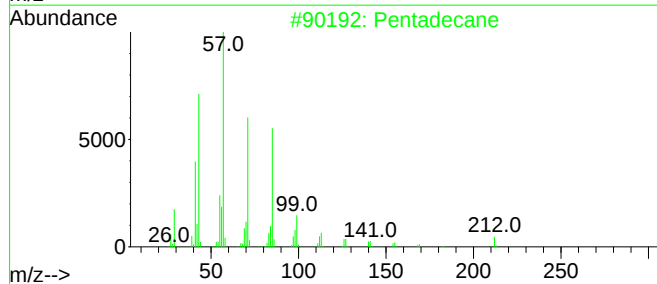
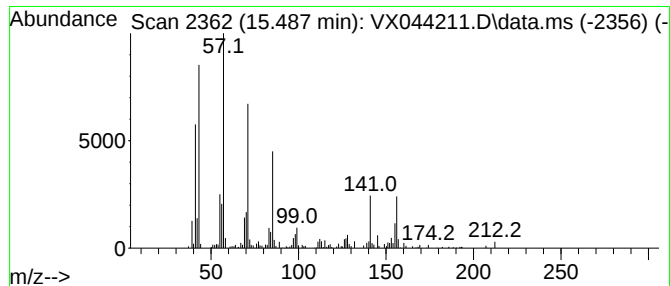
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260

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 | 13.63 ug/l | 146756 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|-----------|-------------------|-----|---------|-------------|------|
| 1         | Pentadecane       | 212 | C15H32  | 000629-62-9 | 86   |
| 2         | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 64   |
| 3         | Hexadecane        | 226 | C16H34  | 000544-76-3 | 62   |
| 4         | Nonadecane        | 268 | C19H40  | 000629-92-5 | 62   |
| 5         | Tetradecane       | 198 | C14H30  | 000629-59-4 | 58   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121024\  
Data File : VX044211.D  
Acq On : 10 Dec 2024 16:23  
Operator : JC/MD  
Sample : P5243-02 100X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1127-COMP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

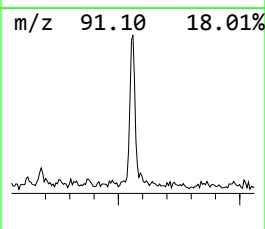
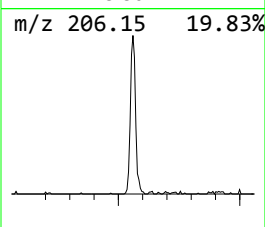
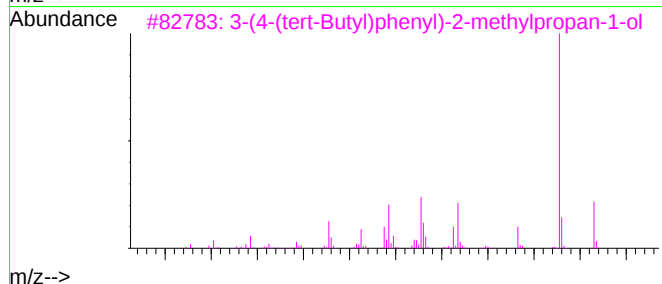
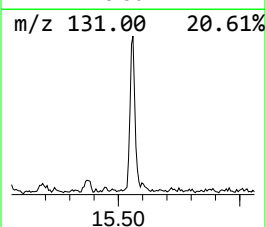
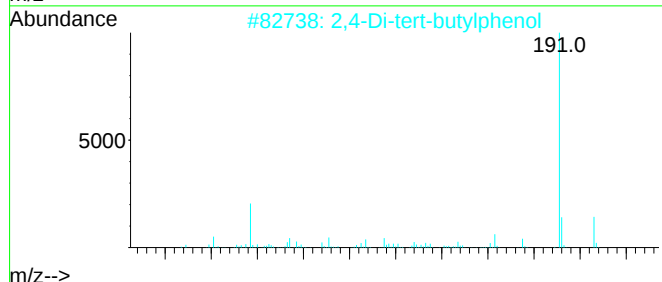
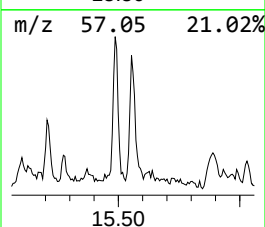
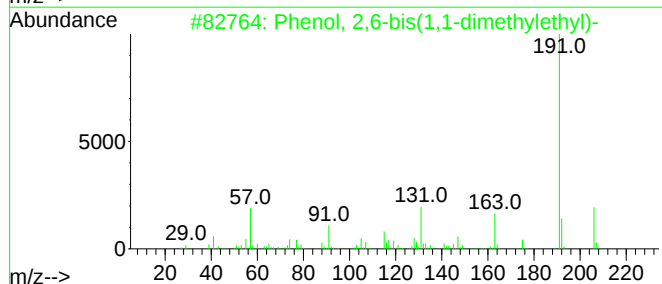
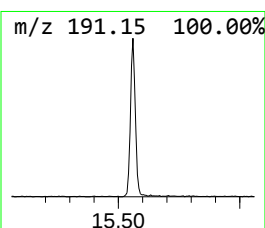
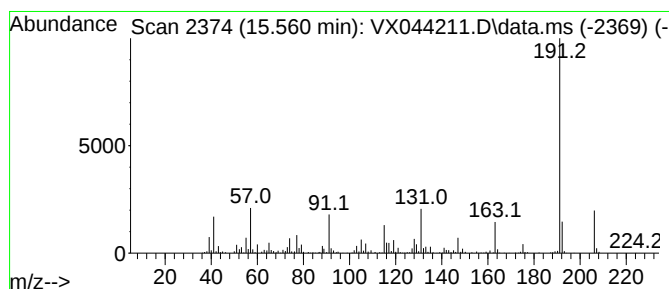
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Peak Number 10 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.560 | 29.13 ug/l | 313659 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|-----------|-------------------------------------|-----|----------|--------------|------|
| 1         | Phenol, 2,6-bis(1,1-dimethylethyl)- | 206 | C14H22O  | 000128-39-2  | 95   |
| 2         | 2,4-Di-tert-butylphenol             | 206 | C14H22O  | 000096-76-4  | 90   |
| 3         | 3-(4-(tert-Butyl)phenyl)-2-methy... | 206 | C14H22O  | 056107-04-1  | 87   |
| 4         | 2H-Indeno[1,2-b]furan-2-one, 3,3... | 206 | C13H18O2 | 1000196-74-3 | 83   |
| 5         | 3-(4-tert-Butylphenyl)propanoic ... | 206 | C13H18O2 | 001208-64-6  | 76   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121024\  
Data File : VX044211.D  
Acq On : 10 Dec 2024 16:23  
Operator : JC/MD  
Sample : P5243-02 100X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1127-COMP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Propane            | 1.142  | 23.6    | ug/l  | 156463   | 1                     | 5.544  | 331668 | 50.0 |
| Butane             | 1.368  | 11.6    | ug/l  | 77027    | 1                     | 5.544  | 331668 | 50.0 |
| Butane, 2-methyl-  | 1.703  | 11.0    | ug/l  | 73098    | 1                     | 5.544  | 331668 | 50.0 |
| 1-Hexanol, 2-et... | 12.219 | 117.6   | ug/l  | 1266110  | 4                     | 12.024 | 538439 | 50.0 |
| 2-Ethylhexanal ... | 13.457 | 29.1    | ug/l  | 313684   | 4                     | 12.024 | 538439 | 50.0 |
| 2-Heptenal, 2-p... | 13.609 | 16.2    | ug/l  | 174440   | 4                     | 12.024 | 538439 | 50.0 |
| Naphthalene, 1,... | 14.225 | 10.6    | ug/l  | 114454   | 4                     | 12.024 | 538439 | 50.0 |
| Naphthalene, 1-... | 14.634 | 22.1    | ug/l  | 238294   | 4                     | 12.024 | 538439 | 50.0 |
| Pentadecane        | 15.487 | 13.6    | ug/l  | 146756   | 4                     | 12.024 | 538439 | 50.0 |
| Phenol, 2,6-bis... | 15.560 | 29.1    | ug/l  | 313659   | 4                     | 12.024 | 538439 | 50.0 |