

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042021\  
 Data File : VX021776.D  
 Acq On : 21 Apr 2021 00:09  
 Operator : JC/MD  
 Sample : M2079-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-10

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\82X042021W.M  
 Title : SW846 8260

Signal : TIC: VX021776.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         | 1.435       | 54            | 57          | 61           | rBV      | 24633          | 28896         | 2.62%           | 0.178%        |
| 2         | 1.770       | 108           | 112         | 122          | rVB      | 32936          | 48031         | 4.36%           | 0.296%        |
| 3         | 2.374       | 203           | 211         | 225          | rVB      | 119656         | 242257        | 21.99%          | 1.491%        |
| 4         | 2.819       | 275           | 284         | 295          | rBV      | 231008         | 515118        | 46.77%          | 3.169%        |
| 5         | 2.910       | 295           | 299         | 307          | rVB2     | 9558           | 19944         | 1.81%           | 0.123%        |
| 6         | 3.148       | 329           | 338         | 348          | rVB4     | 10279          | 25538         | 2.32%           | 0.157%        |
| 7         | 4.117       | 486           | 497         | 505          | rBV3     | 7998           | 23450         | 2.13%           | 0.144%        |
| 8         | 4.276       | 509           | 523         | 533          | rVV2     | 39361          | 123758        | 11.24%          | 0.761%        |
| 9         | 4.501       | 550           | 560         | 573          | rBV5     | 9646           | 38038         | 3.45%           | 0.234%        |
| 10        | 5.202       | 663           | 675         | 686          | rBV3     | 11882          | 46175         | 4.19%           | 0.284%        |
| 11        | 5.465       | 705           | 718         | 728          | rBV2     | 106911         | 310156        | 28.16%          | 1.908%        |
| 12        | 5.629       | 734           | 745         | 751          | rBV      | 171717         | 496003        | 45.03%          | 3.052%        |
| 13        | 5.696       | 751           | 756         | 769          | rVB      | 85332          | 246041        | 22.34%          | 1.514%        |
| 14        | 5.922       | 783           | 793         | 801          | rBV3     | 12975          | 41371         | 3.76%           | 0.255%        |
| 15        | 6.032       | 801           | 811         | 822          | rBV      | 102893         | 267956        | 24.33%          | 1.649%        |
| 16        | 6.269       | 838           | 850         | 851          | rBV      | 12506          | 30731         | 2.79%           | 0.189%        |
| 17        | 6.318       | 851           | 858         | 868          | rVV      | 33043          | 102722        | 9.33%           | 0.632%        |
| 18        | 6.428       | 868           | 876         | 886          | rVB3     | 9888           | 28189         | 2.56%           | 0.173%        |
| 19        | 6.830       | 930           | 942         | 952          | rBV      | 267769         | 649024        | 58.92%          | 3.993%        |
| 20        | 7.233       | 1002          | 1008        | 1018         | rVB3     | 10690          | 22639         | 2.06%           | 0.139%        |
| 21        | 7.422       | 1030          | 1039        | 1050         | rVB4     | 21219          | 56217         | 5.10%           | 0.346%        |
| 22        | 7.824       | 1096          | 1105        | 1112         | rVB      | 16630          | 35633         | 3.24%           | 0.219%        |
| 23        | 8.037       | 1131          | 1140        | 1148         | rVB      | 28362          | 61152         | 5.55%           | 0.376%        |
| 24        | 8.153       | 1151          | 1159        | 1169         | rBV2     | 57681          | 129251        | 11.73%          | 0.795%        |
| 25        | 8.366       | 1186          | 1194        | 1199         | rBV5     | 9233           | 23144         | 2.10%           | 0.142%        |
| 26        | 8.470       | 1207          | 1211        | 1217         | rVB      | 10755          | 17764         | 1.61%           | 0.109%        |
| 27        | 8.549       | 1217          | 1224        | 1232         | rVB4     | 13595          | 34058         | 3.09%           | 0.210%        |
| 28        | 8.696       | 1232          | 1248        | 1257         | rBV      | 557937         | 928977        | 84.34%          | 5.716%        |
| 29        | 9.001       | 1294          | 1298        | 1306         | rVB2     | 56105          | 105367        | 9.57%           | 0.648%        |
| 30        | 9.086       | 1306          | 1312        | 1317         | rBV      | 56209          | 89828         | 8.16%           | 0.553%        |
| 31        | 9.147       | 1317          | 1322        | 1327         | rVV      | 23047          | 39705         | 3.60%           | 0.244%        |
| 32        | 9.202       | 1327          | 1331        | 1336         | rVV      | 41107          | 64063         | 5.82%           | 0.394%        |
| 33        | 9.494       | 1370          | 1379        | 1384         | rBV2     | 56806          | 106287        | 9.65%           | 0.654%        |
| 34        | 9.549       | 1384          | 1388        | 1393         | rVB3     | 16107          | 28172         | 2.56%           | 0.173%        |
| 35        | 9.702       | 1409          | 1413        | 1423         | rVB3     | 9153           | 18372         | 1.67%           | 0.113%        |
| 36        | 9.799       | 1423          | 1429        | 1433         | rBV3     | 15556          | 28559         | 2.59%           | 0.176%        |

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 ClientSampleId :  
 MW-10

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\82X042021W.M  
 Title : SW846 8260

|    |        |      |      |      |      |        |         |         |        |
|----|--------|------|------|------|------|--------|---------|---------|--------|
| 37 | 9.982  | 1452 | 1459 | 1464 | rBV  | 46211  | 68621   | 6.23%   | 0.422% |
| 38 | 10.092 | 1472 | 1477 | 1483 | rBV  | 537414 | 709397  | 64.40%  | 4.365% |
| 39 | 10.232 | 1496 | 1500 | 1510 | rVV  | 168488 | 220024  | 19.98%  | 1.354% |
| 40 | 10.342 | 1510 | 1518 | 1524 | rVB  | 188267 | 274448  | 24.92%  | 1.689% |
| 41 | 10.677 | 1569 | 1573 | 1579 | rVB  | 89721  | 119827  | 10.88%  | 0.737% |
| 42 | 10.823 | 1587 | 1597 | 1600 | rBV4 | 13655  | 29955   | 2.72%   | 0.184% |
| 43 | 10.890 | 1604 | 1608 | 1619 | rVB9 | 8160   | 25415   | 2.31%   | 0.156% |
| 44 | 11.000 | 1620 | 1626 | 1631 | rBV  | 110028 | 139525  | 12.67%  | 0.858% |
| 45 | 11.116 | 1641 | 1645 | 1651 | rBV  | 429777 | 568790  | 51.64%  | 3.500% |
| 46 | 11.342 | 1678 | 1682 | 1690 | rVB  | 128464 | 170445  | 15.47%  | 1.049% |
| 47 | 11.415 | 1690 | 1694 | 1701 | rBV  | 65225  | 131111  | 11.90%  | 0.807% |
| 48 | 11.488 | 1701 | 1706 | 1715 | rVB  | 36545  | 53163   | 4.83%   | 0.327% |
| 49 | 11.646 | 1728 | 1732 | 1741 | rVB  | 111031 | 152851  | 13.88%  | 0.940% |
| 50 | 11.744 | 1742 | 1748 | 1751 | rBV3 | 16478  | 28482   | 2.59%   | 0.175% |
| 51 | 11.787 | 1751 | 1755 | 1761 | rVB  | 201009 | 245379  | 22.28%  | 1.510% |
| 52 | 11.902 | 1769 | 1774 | 1776 | rBV  | 54511  | 76921   | 6.98%   | 0.473% |
| 53 | 11.927 | 1776 | 1778 | 1786 | rVV  | 73372  | 87929   | 7.98%   | 0.541% |
| 54 | 12.006 | 1786 | 1791 | 1795 | rVV2 | 30148  | 41929   | 3.81%   | 0.258% |
| 55 | 12.061 | 1795 | 1800 | 1805 | rVV  | 544237 | 710056  | 64.46%  | 4.369% |
| 56 | 12.122 | 1807 | 1810 | 1815 | rVV  | 45866  | 67212   | 6.10%   | 0.414% |
| 57 | 12.213 | 1822 | 1825 | 1830 | rVB  | 43478  | 50228   | 4.56%   | 0.309% |
| 58 | 12.280 | 1830 | 1836 | 1843 | rBV  | 495473 | 656478  | 59.60%  | 4.039% |
| 59 | 12.347 | 1843 | 1847 | 1855 | rVB2 | 202972 | 287594  | 26.11%  | 1.769% |
| 60 | 12.445 | 1855 | 1863 | 1868 | rBV2 | 136000 | 191659  | 17.40%  | 1.179% |
| 61 | 12.506 | 1868 | 1873 | 1878 | rVB3 | 88480  | 140365  | 12.74%  | 0.864% |
| 62 | 12.567 | 1878 | 1883 | 1886 | rBV  | 118615 | 167951  | 15.25%  | 1.033% |
| 63 | 12.591 | 1886 | 1887 | 1892 | rVB  | 62343  | 48372   | 4.39%   | 0.298% |
| 64 | 12.652 | 1892 | 1897 | 1901 | rBV  | 204538 | 239816  | 21.77%  | 1.475% |
| 65 | 12.738 | 1906 | 1911 | 1918 | rBV  | 778858 | 1101463 | 100.00% | 6.777% |
| 66 | 12.793 | 1918 | 1920 | 1924 | rVB  | 28609  | 35348   | 3.21%   | 0.217% |
| 67 | 12.878 | 1929 | 1934 | 1939 | rVB2 | 77118  | 113204  | 10.28%  | 0.696% |
| 68 | 12.957 | 1939 | 1947 | 1951 | rBV  | 466483 | 619162  | 56.21%  | 3.809% |
| 69 | 13.000 | 1951 | 1954 | 1960 | rVB  | 460250 | 516167  | 46.86%  | 3.176% |
| 70 | 13.067 | 1960 | 1965 | 1972 | rVB2 | 112999 | 194121  | 17.62%  | 1.194% |
| 71 | 13.177 | 1972 | 1983 | 1989 | rBV5 | 99190  | 221917  | 20.15%  | 1.365% |
| 72 | 13.231 | 1989 | 1992 | 1997 | rVB2 | 69293  | 89570   | 8.13%   | 0.551% |
| 73 | 13.286 | 1997 | 2001 | 2005 | rBV2 | 71307  | 109430  | 9.93%   | 0.673% |
| 74 | 13.329 | 2005 | 2008 | 2013 | rVB3 | 53982  | 75681   | 6.87%   | 0.466% |
| 75 | 13.384 | 2013 | 2017 | 2022 | rBV4 | 73038  | 104299  | 9.47%   | 0.642% |
| 76 | 13.463 | 2026 | 2030 | 2035 | rVB3 | 71013  | 102168  | 9.28%   | 0.629% |

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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\82X042021W.M  
 Title : SW846 8260

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 13.536 | 2035 | 2042 | 2046 | rBV  | 41468  | 79174  | 7.19%  | 0.487% |
| 78  | 13.585 | 2046 | 2050 | 2052 | rBV  | 143743 | 168783 | 15.32% | 1.038% |
| 79  | 13.616 | 2052 | 2055 | 2057 | rBV2 | 118528 | 127220 | 11.55% | 0.783% |
| 80  | 13.677 | 2062 | 2065 | 2068 | rVV  | 220131 | 299142 | 27.16% | 1.841% |
| 81  | 13.713 | 2068 | 2071 | 2080 | rVV  | 107492 | 159654 | 14.49% | 0.982% |
| 82  | 13.786 | 2080 | 2083 | 2085 | rVV  | 22337  | 29139  | 2.65%  | 0.179% |
| 83  | 13.817 | 2085 | 2088 | 2097 | rVV3 | 68603  | 127858 | 11.61% | 0.787% |
| 84  | 13.896 | 2097 | 2101 | 2106 | rVB4 | 34580  | 52703  | 4.78%  | 0.324% |
| 85  | 13.963 | 2106 | 2112 | 2117 | rBV2 | 60277  | 90513  | 8.22%  | 0.557% |
| 86  | 14.012 | 2117 | 2120 | 2124 | rBV  | 20573  | 25332  | 2.30%  | 0.156% |
| 87  | 14.115 | 2132 | 2137 | 2142 | rBV  | 72022  | 96492  | 8.76%  | 0.594% |
| 88  | 14.256 | 2155 | 2160 | 2165 | rBV3 | 57007  | 95322  | 8.65%  | 0.586% |
| 89  | 14.359 | 2172 | 2177 | 2182 | rBV  | 121863 | 155450 | 14.11% | 0.956% |
| 90  | 14.408 | 2182 | 2185 | 2199 | rVB  | 158328 | 231598 | 21.03% | 1.425% |
| 91  | 14.524 | 2199 | 2204 | 2208 | rBV2 | 25022  | 41891  | 3.80%  | 0.258% |
| 92  | 14.567 | 2208 | 2211 | 2216 | rVB3 | 14876  | 21712  | 1.97%  | 0.134% |
| 93  | 14.640 | 2216 | 2223 | 2226 | rBV  | 72207  | 122311 | 11.10% | 0.753% |
| 94  | 14.676 | 2226 | 2229 | 2232 | rVV2 | 30090  | 34200  | 3.10%  | 0.210% |
| 95  | 14.713 | 2232 | 2235 | 2239 | rVB2 | 23990  | 32431  | 2.94%  | 0.200% |
| 96  | 14.823 | 2248 | 2253 | 2257 | rBV2 | 59727  | 96137  | 8.73%  | 0.591% |
| 97  | 15.225 | 2312 | 2319 | 2326 | rBV2 | 19675  | 45146  | 4.10%  | 0.278% |
| 98  | 15.451 | 2353 | 2356 | 2361 | rVB  | 14865  | 19474  | 1.77%  | 0.120% |
| 99  | 15.664 | 2384 | 2391 | 2394 | rBV2 | 10646  | 20633  | 1.87%  | 0.127% |
| 100 | 16.042 | 2447 | 2453 | 2462 | rVB3 | 10123  | 21895  | 1.99%  | 0.135% |

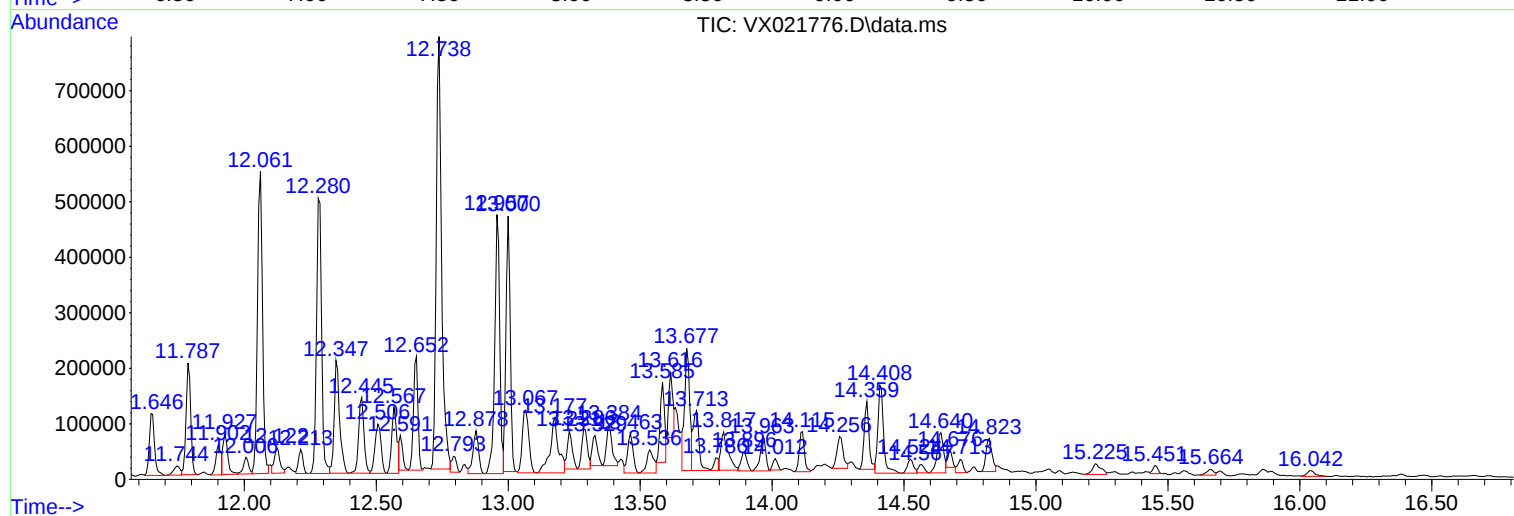
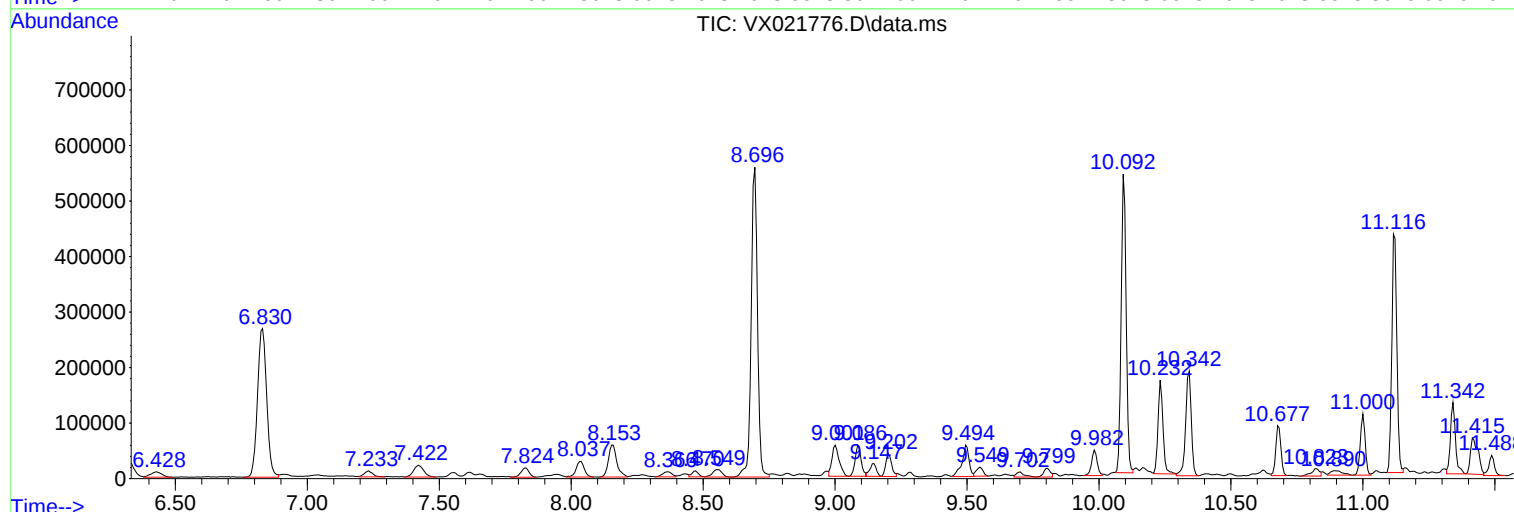
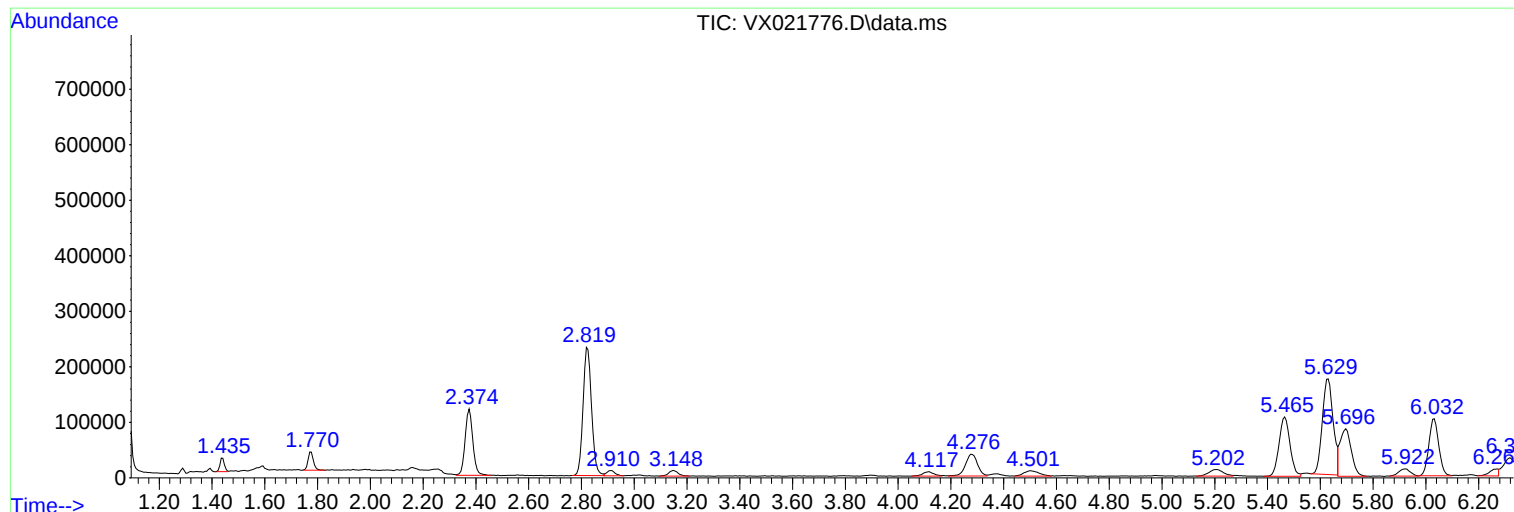
Sum of corrected areas: 16253269

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042021W.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042021\  
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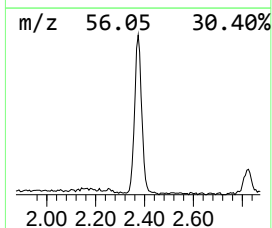
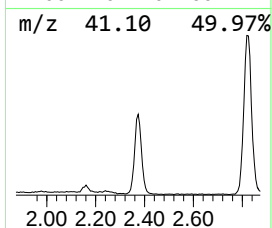
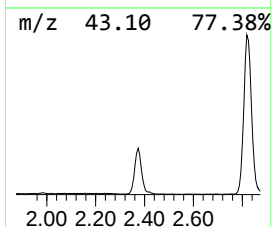
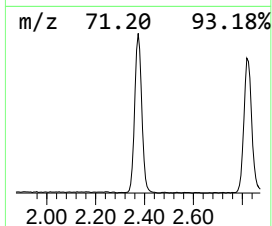
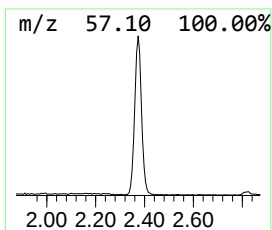
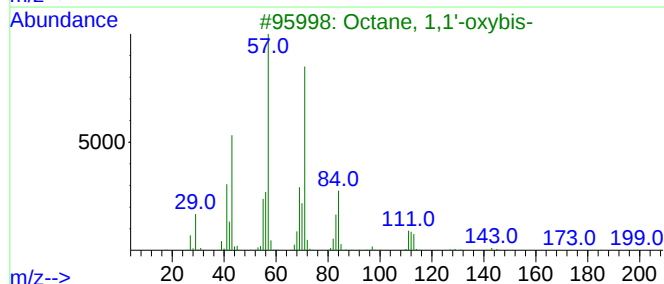
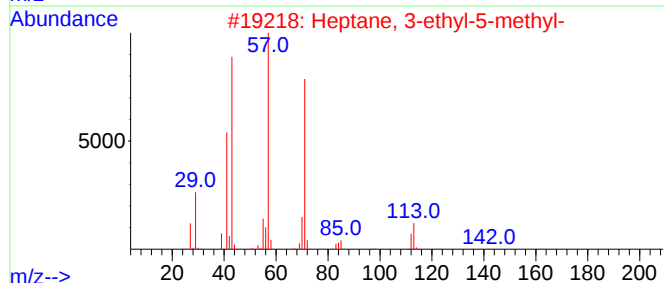
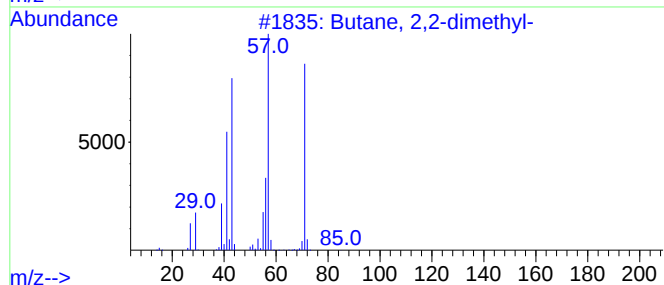
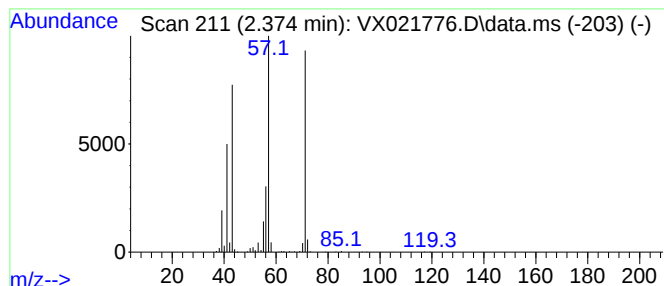
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Butane, 2,2-dimethyl- Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 2.374 | 24.42 ug/l | 242257 | Pentafluorobenzene | 5.629 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Butane, 2,2-dimethyl-               | 86  | C6H14    | 000075-83-2  | 90   |
| 2    |    |   | Heptane, 3-ethyl-5-methyl-          | 142 | C10H22   | 052896-90-9  | 72   |
| 3    |    |   | Octane, 1,1'-oxybis-                | 242 | C16H34O  | 000629-82-3  | 64   |
| 4    |    |   | Sulfurous acid, isobutyl pentyl ... | 208 | C9H20O3S | 1000309-13-8 | 56   |
| 5    |    |   | Heptane, 3,3-dimethyl-              | 128 | C9H20    | 004032-86-4  | 50   |



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Quant Title : SW846 8260

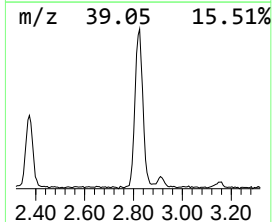
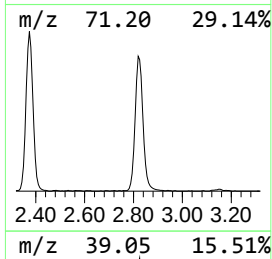
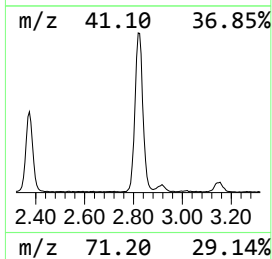
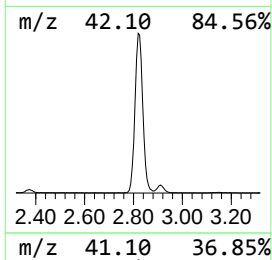
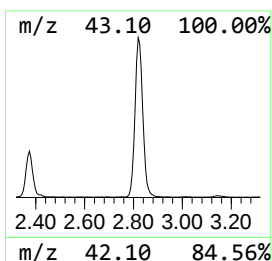
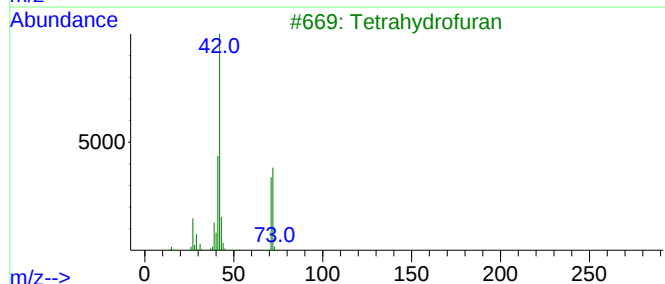
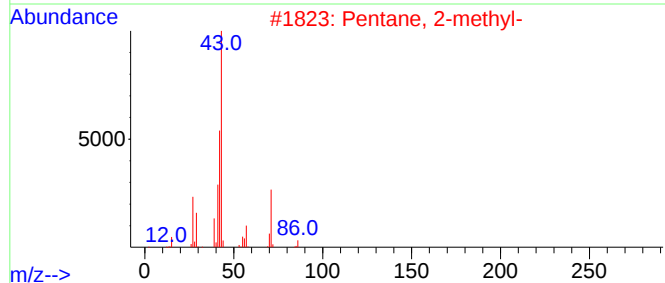
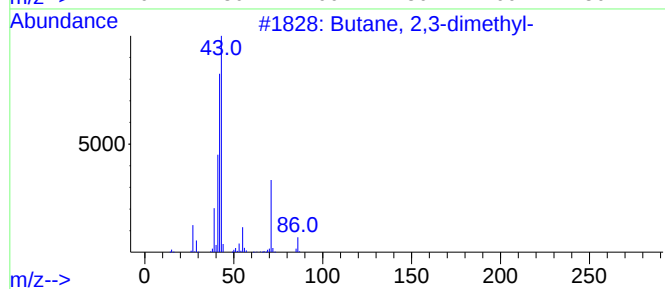
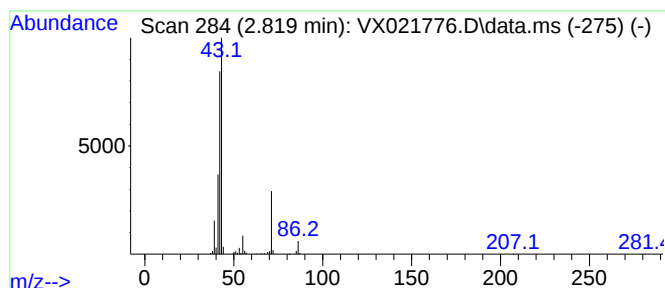
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Butane, 2,3-dimethyl- Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 2.819 | 51.93 ug/l | 515118 | Pentafluorobenzene | 5.629 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2,3-dimethyl-  | 86  | C6H14   | 000079-29-8 | 91   |
| 2    |    |   | Pentane, 2-methyl-     | 86  | C6H14   | 000107-83-5 | 50   |
| 3    |    |   | Tetrahydrofuran        | 72  | C4H8O   | 000109-99-9 | 38   |
| 4    |    |   | Pentane                | 72  | C5H12   | 000109-66-0 | 38   |
| 5    |    |   | Butanal, 2,2-dimethyl- | 100 | C6H12O  | 002094-75-9 | 12   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042021\  
Data File : VX021776.D  
Acq On : 21 Apr 2021 00:09  
Operator : JC/MD  
Sample : M2079-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-10

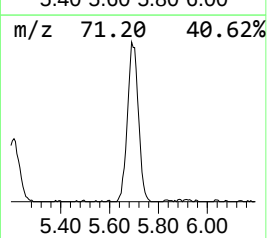
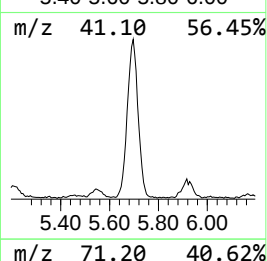
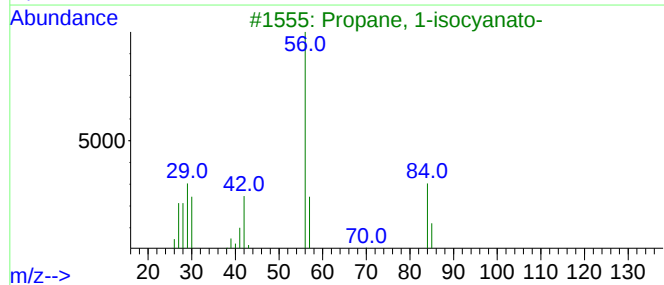
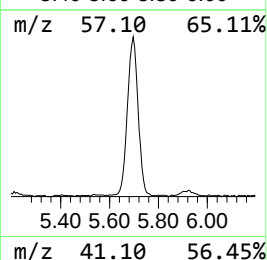
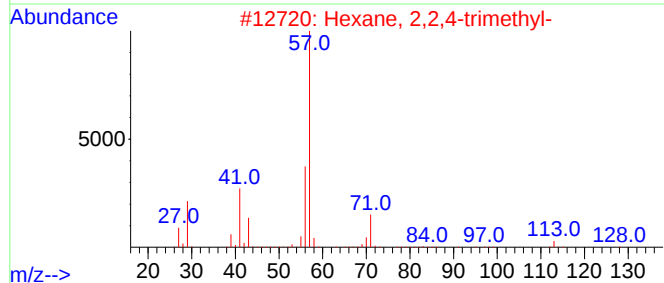
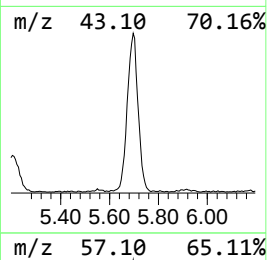
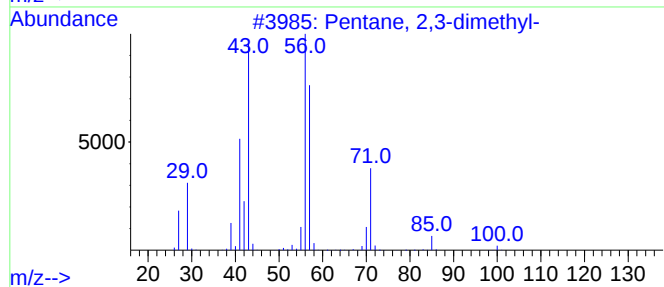
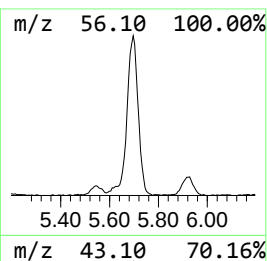
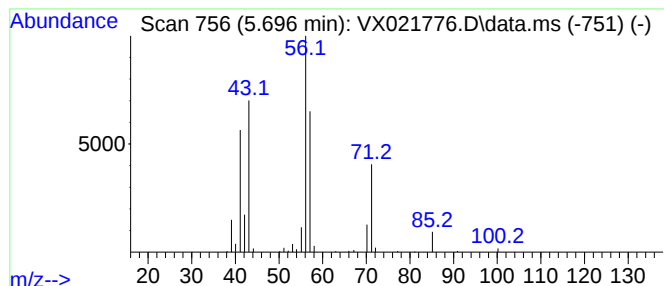
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Quant Title : SW846 8260

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

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Peak Number 3 Pentane, 2,3-dimethyl- Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 5.696 | 24.80 ug/l | 246041 | Pentafluorobenzene | 5.629 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Pentane, 2,3-dimethyl-             | 100 | C7H16    | 000565-59-3  | 94   |
| 2    |    |   | Hexane, 2,2,4-trimethyl-           | 128 | C9H20    | 016747-26-5  | 39   |
| 3    |    |   | Propane, 1-isocyanato-             | 85  | C4H7NO   | 000110-78-1  | 38   |
| 4    |    |   | Heptane                            | 100 | C7H16    | 000142-82-5  | 37   |
| 5    |    |   | Oxalic acid, isobutyl pentyl ester | 216 | C11H20O4 | 1000309-37-0 | 35   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042021\  
Data File : VX021776.D  
Acq On : 21 Apr 2021 00:09  
Operator : JC/MD  
Sample : M2079-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042021W.M  
Quant Title : SW846 8260

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

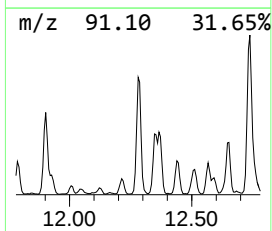
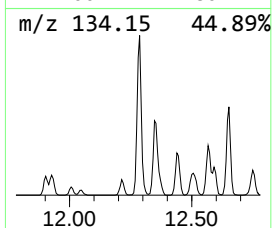
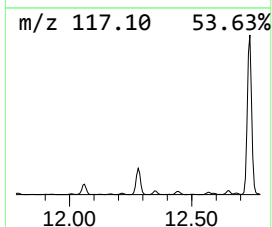
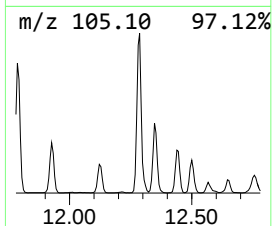
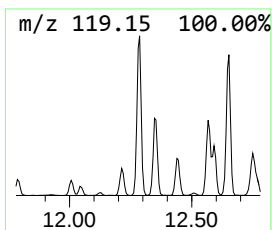
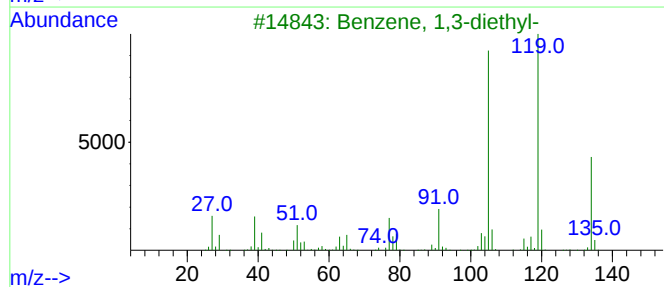
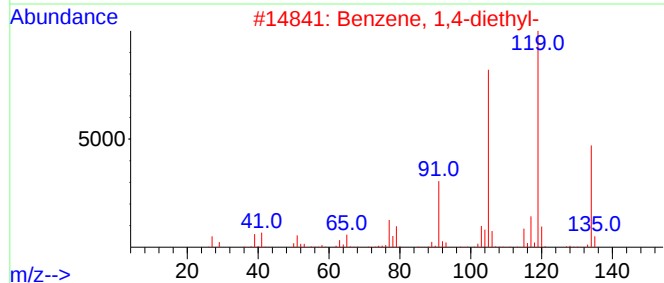
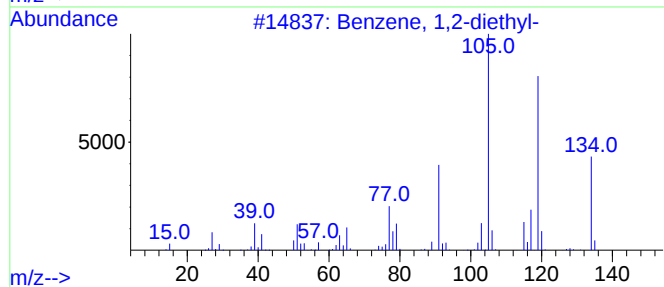
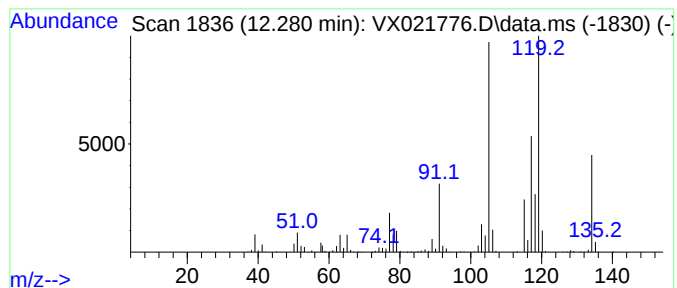
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Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.280 | 46.23 ug/l | 656478 | 1,4-Dichlorobenzene-d4 | 12.061 |

| Hit# | of 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|------|--------------------------------|-----|---------|-------------|------|
| 1    |      | Benzene, 1,2-diethyl-          | 134 | C10H14  | 000135-01-3 | 90   |
| 2    |      | Benzene, 1,4-diethyl-          | 134 | C10H14  | 000105-05-5 | 76   |
| 3    |      | Benzene, 1,3-diethyl-          | 134 | C10H14  | 000141-93-5 | 70   |
| 4    |      | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 62   |
| 5    |      | Ethanone, 1-(4-methylphenyl)-  | 134 | C9H10O  | 000122-00-9 | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042021\  
Data File : VX021776.D  
Acq On : 21 Apr 2021 00:09  
Operator : JC/MD  
Sample : M2079-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042021W.M  
Quant Title : SW846 8260

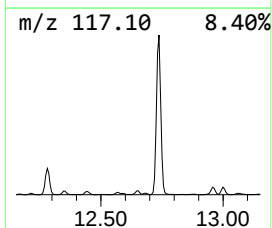
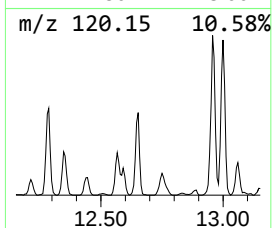
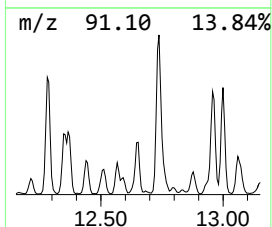
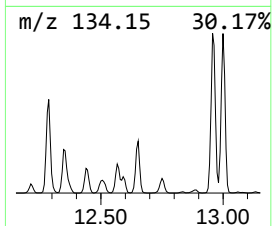
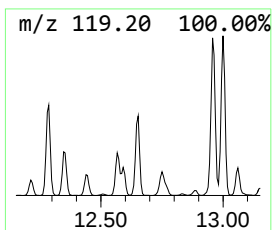
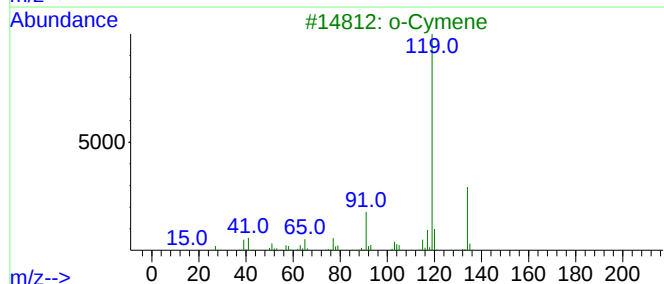
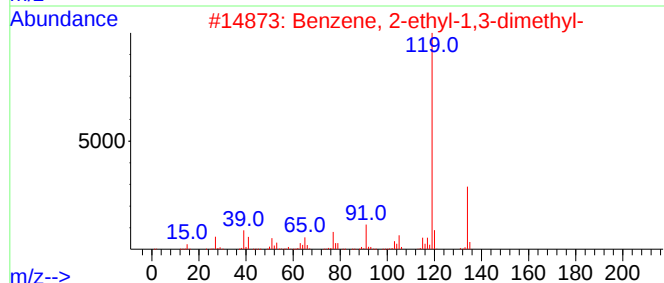
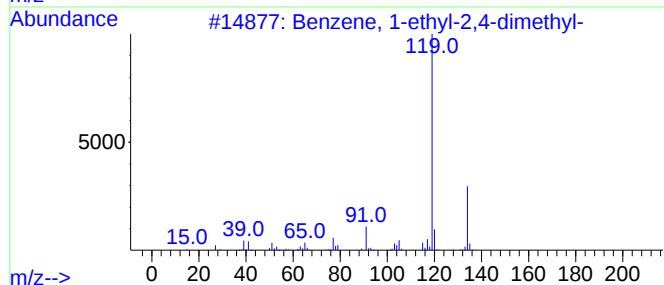
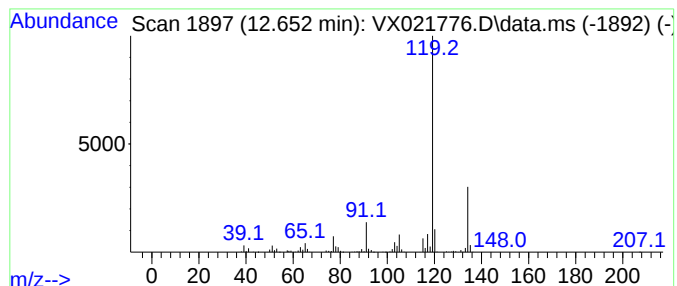
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.652 | 16.89 ug/l | 239816 | 1,4-Dichlorobenzene-d4 | 12.061 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2,4-dimethyl-      | 134 | C10H14  | 000874-41-9 | 97   |
| 2    |    |   | Benzene, 2-ethyl-1,3-dimethyl-      | 134 | C10H14  | 002870-04-4 | 95   |
| 3    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 95   |
| 4    |    |   | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 94   |
| 5    |    |   | Benzene, 1-ethyl-3,5-dimethyl-      | 134 | C10H14  | 000934-74-7 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042021\  
Data File : VX021776.D  
Acq On : 21 Apr 2021 00:09  
Operator : JC/MD  
Sample : M2079-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042021W.M  
Quant Title : SW846 8260

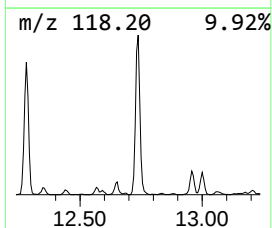
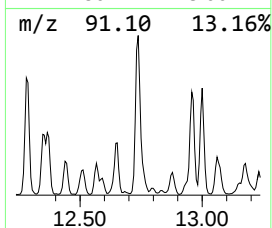
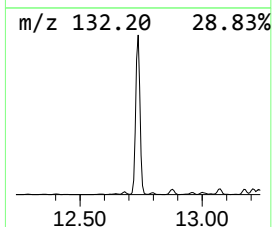
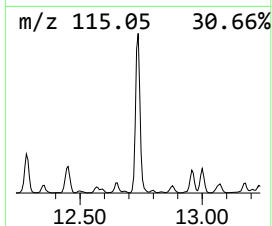
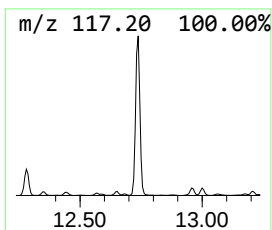
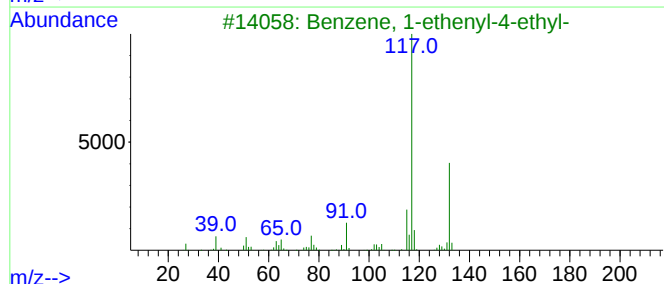
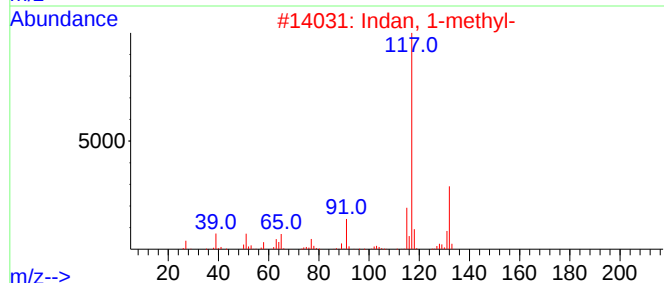
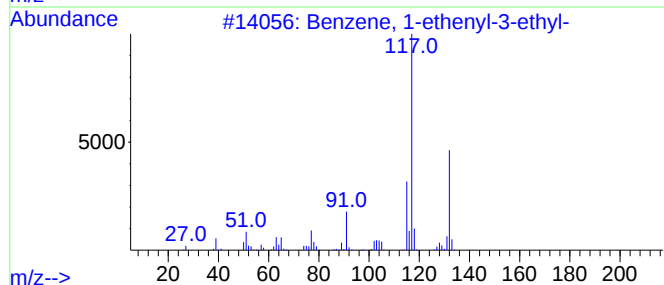
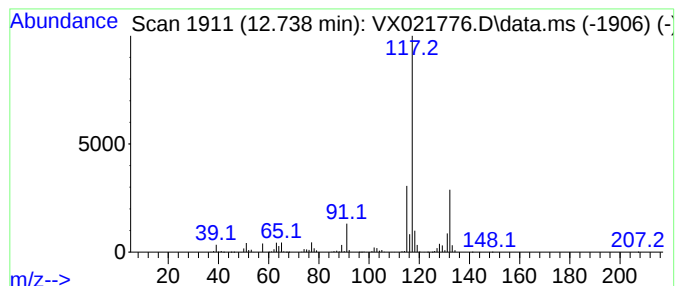
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 1

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 12.738 | 77.56 ug/l | 1101460 | 1,4-Dichlorobenzene-d4 | 12.061 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethenyl-3-ethyl-     | 132 | C10H12  | 007525-62-4 | 91   |
| 2    |    |   | Indan, 1-methyl-                | 132 | C10H12  | 000767-58-8 | 90   |
| 3    |    |   | Benzene, 1-ethenyl-4-ethyl-     | 132 | C10H12  | 003454-07-7 | 90   |
| 4    |    |   | 1-Phenyl-1-butene               | 132 | C10H12  | 000824-90-8 | 87   |
| 5    |    |   | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12  | 000768-49-0 | 87   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042021\  
Data File : VX021776.D  
Acq On : 21 Apr 2021 00:09  
Operator : JC/MD  
Sample : M2079-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042021W.M  
Quant Title : SW846 8260

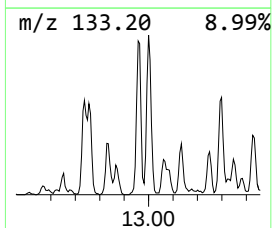
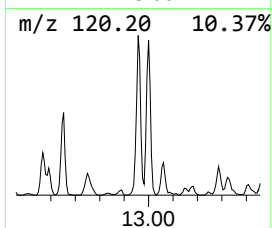
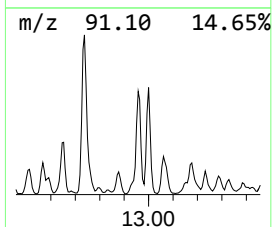
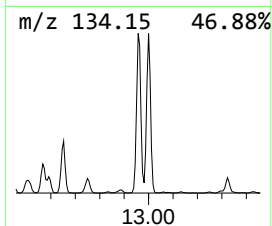
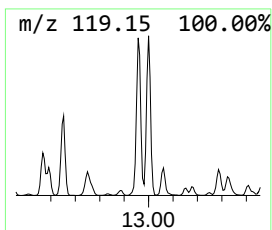
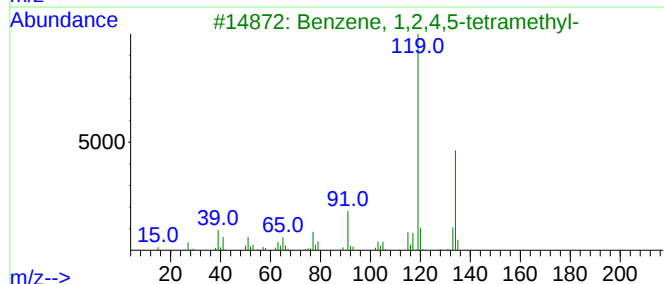
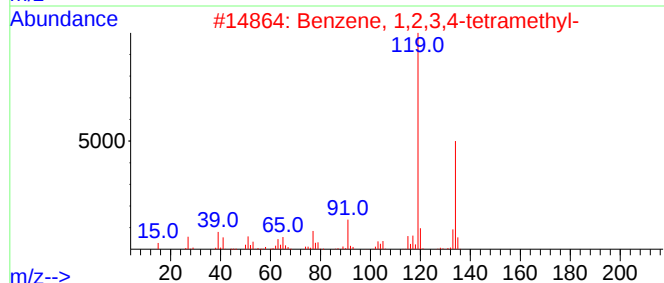
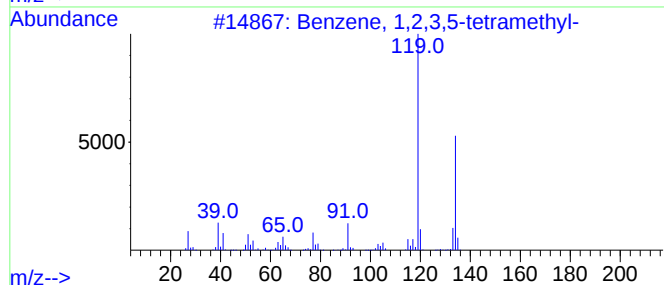
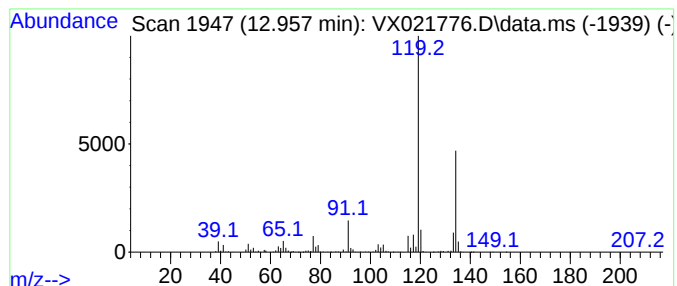
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.957 | 43.60 ug/l | 619162 | 1,4-Dichlorobenzene-d4 | 12.061 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3,5-tetramethyl-  | 134 | C10H14  | 000527-53-7 | 97   |
| 2    |    |   | Benzene, 1,2,3,4-tetramethyl-  | 134 | C10H14  | 000488-23-3 | 97   |
| 3    |    |   | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 97   |
| 4    |    |   | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 95   |
| 5    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042021\  
Data File : VX021776.D  
Acq On : 21 Apr 2021 00:09  
Operator : JC/MD  
Sample : M2079-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042021W.M  
Quant Title : SW846 8260

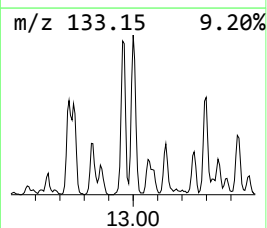
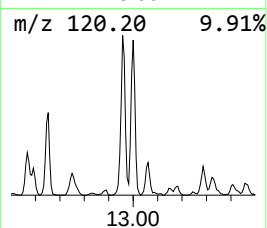
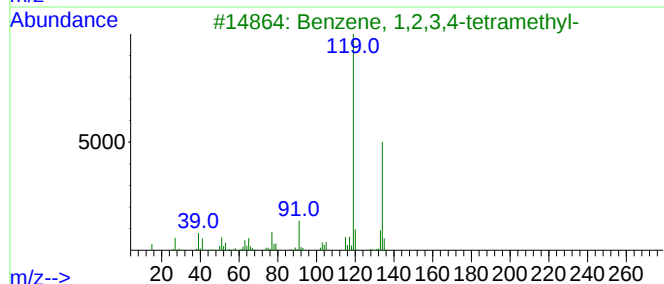
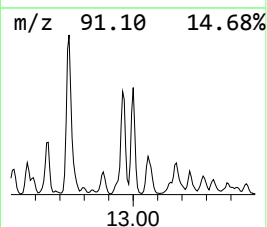
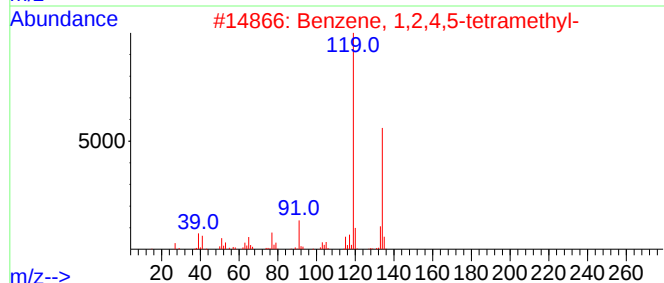
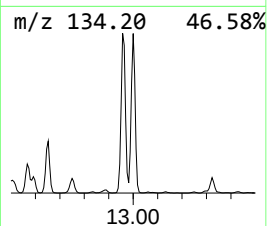
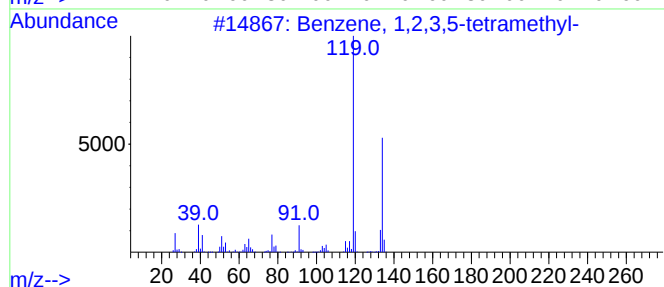
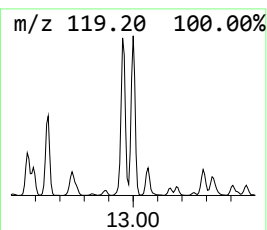
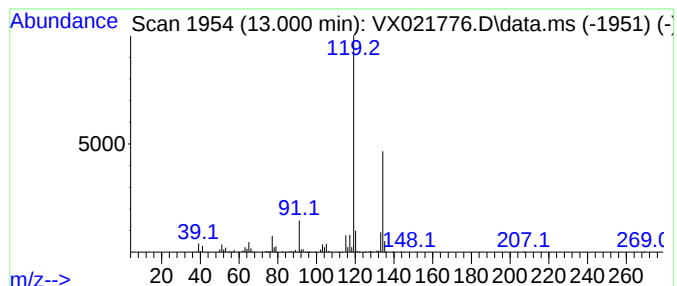
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.000 | 36.35 ug/l | 516167 | 1,4-Dichlorobenzene-d4 | 12.061 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3,5-tetramethyl-  | 134 | C10H14  | 000527-53-7 | 97   |
| 2    |    |   | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 97   |
| 3    |    |   | Benzene, 1,2,3,4-tetramethyl-  | 134 | C10H14  | 000488-23-3 | 97   |
| 4    |    |   | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 94   |
| 5    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 93   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042021\  
Data File : VX021776.D  
Acq On : 21 Apr 2021 00:09  
Operator : JC/MD  
Sample : M2079-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042021W.M  
Quant Title : SW846 8260

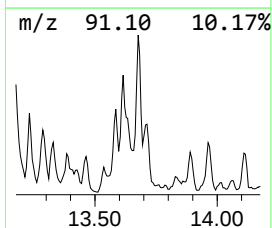
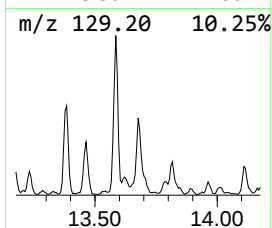
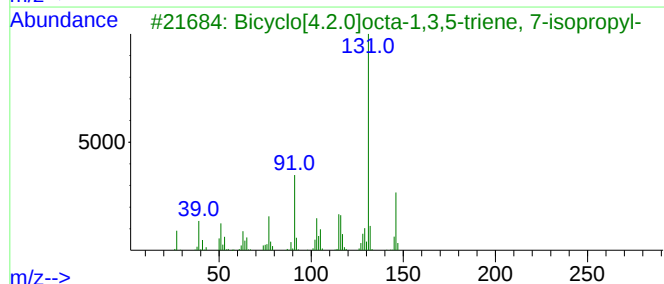
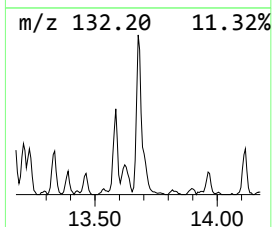
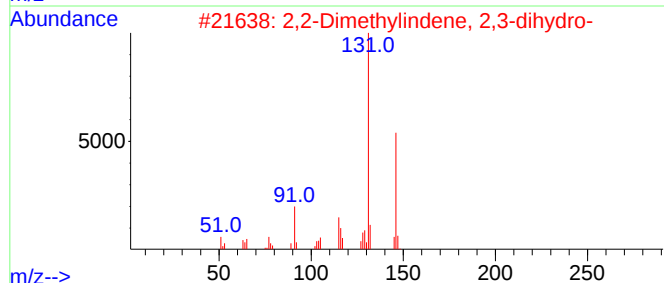
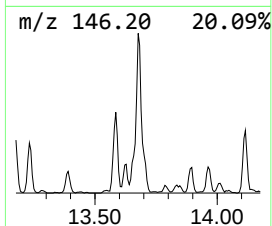
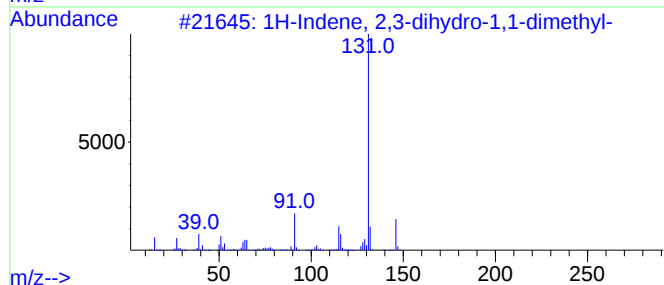
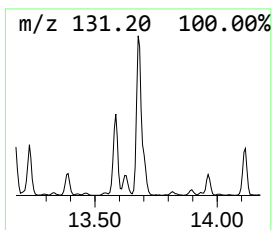
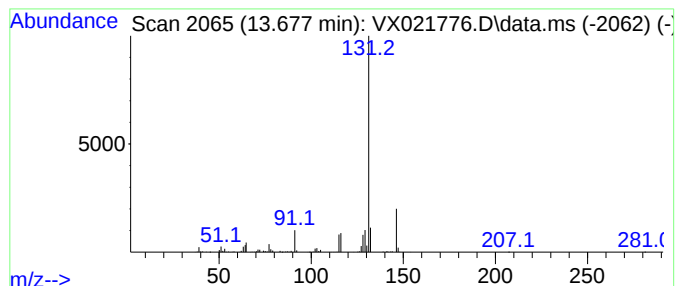
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.677 | 21.06 ug/l | 299142 | 1,4-Dichlorobenzene-d4 | 12.061 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1H-Indene, 2,3-dihydro-1,1-dimet... | 146 | C11H14  | 004912-92-9 | 91   |
| 2    |    |   | 2,2-Dimethylindene, 2,3-dihydro-    | 146 | C11H14  | 020836-11-7 | 90   |
| 3    |    |   | Bicyclo[4.2.0]octa-1,3,5-triene,... | 146 | C11H14  | 027087-54-3 | 87   |
| 4    |    |   | Benzene, 1-methyl-4-(1-methyl-2-... | 146 | C11H14  | 097664-18-1 | 87   |
| 5    |    |   | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14  | 017059-48-2 | 70   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042021\  
Data File : VX021776.D  
Acq On : 21 Apr 2021 00:09  
Operator : JC/MD  
Sample : M2079-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-10

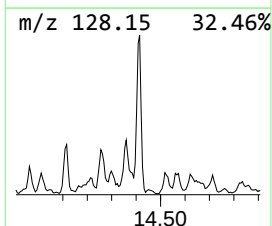
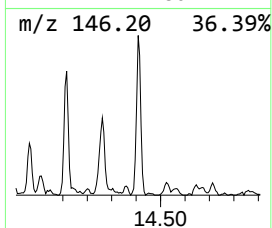
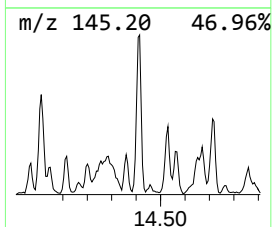
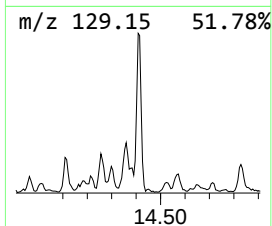
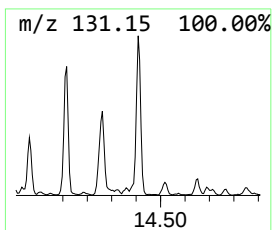
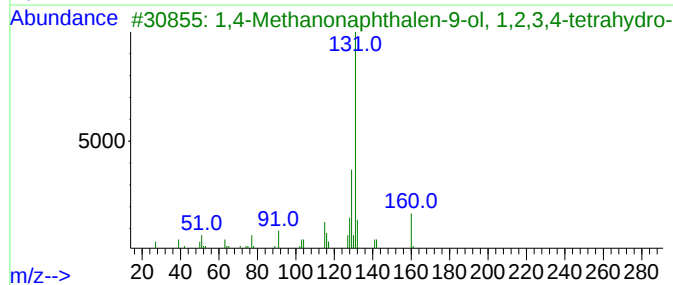
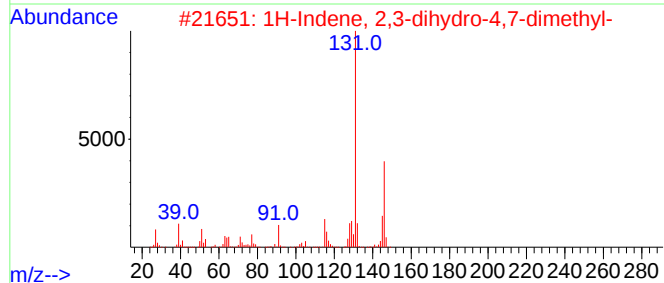
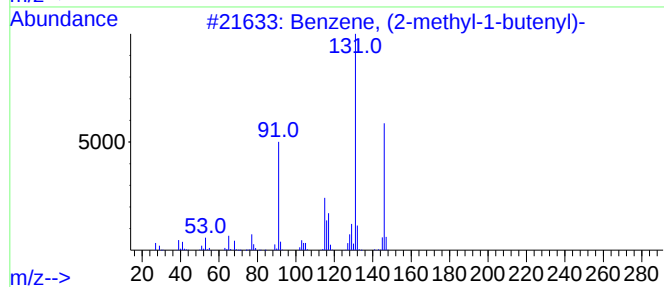
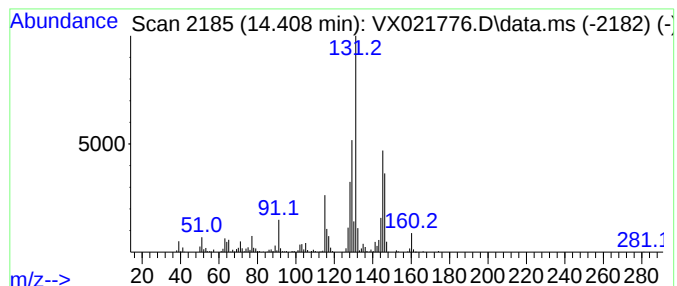
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042021W.M  
Quant Title : SW846 8260

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

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Peak Number 10 Benzene, (2-methyl-1-butenyl)- Concentration Rank 10

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.408 | 16.31 ug/l | 231598 | 1,4-Dichlorobenzene-d4 | 12.061 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, (2-methyl-1-butenyl)-      | 146 | C11H14  | 056253-64-6 | 55   |
| 2    |    |   | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9 | 52   |
| 3    |    |   | 1,4-Methanonaphthalen-9-ol, 1,2,... | 160 | C11H12O | 055255-94-2 | 49   |
| 4    |    |   | Benzene, (3-methyl-2-butenyl)-      | 146 | C11H14  | 004489-84-3 | 49   |
| 5    |    |   | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14  | 017057-82-8 | 49   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042021\  
Data File : VX021776.D  
Acq On : 21 Apr 2021 00:09  
Operator : JC/MD  
Sample : M2079-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042021W.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 |
| Butane, 2,2-dim... | 2.374  | 24.4    | ug/l  | 242257   | 1                     | 5.629  | 496003 | 50.0 |
| Butane, 2,3-dim... | 2.819  | 51.9    | ug/l  | 515118   | 1                     | 5.629  | 496003 | 50.0 |
| Pentane, 2,3-di... | 5.696  | 24.8    | ug/l  | 246041   | 1                     | 5.629  | 496003 | 50.0 |
| Benzene, 1,2-di... | 12.280 | 46.2    | ug/l  | 656478   | 4                     | 12.061 | 710056 | 50.0 |
| Benzene, 1-ethy... | 12.652 | 16.9    | ug/l  | 239816   | 4                     | 12.061 | 710056 | 50.0 |
| Benzene, 1-ethe... | 12.738 | 77.6    | ug/l  | 1101460  | 4                     | 12.061 | 710056 | 50.0 |
| Benzene, 1,2,3,... | 12.957 | 43.6    | ug/l  | 619162   | 4                     | 12.061 | 710056 | 50.0 |
| Benzene, 1,2,4,... | 13.000 | 36.4    | ug/l  | 516167   | 4                     | 12.061 | 710056 | 50.0 |
| 1H-Indene, 2,3-... | 13.677 | 21.1    | ug/l  | 299142   | 4                     | 12.061 | 710056 | 50.0 |
| Benzene, (2-met... | 14.408 | 16.3    | ug/l  | 231598   | 4                     | 12.061 | 710056 | 50.0 |