

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100422\  
 Data File : VX031871.D  
 Acq On : 04 Oct 2022 15:56  
 Operator : JC/MD  
 Sample : N4762-04  
 Misc : 7.50g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 D22004-(6-6.5)

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\82X100322W.M  
 Title : SW846 8260

Signal : TIC: VX031871.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         | 1.740       | 102           | 107         | 115          | rVV      | 290173         | 363959        | 5.65%           | 0.550%        |
| 2         | 1.923       | 133           | 137         | 150          | rVB      | 104726         | 159989        | 2.48%           | 0.242%        |
| 3         | 2.764       | 267           | 275         | 277          | rBV2     | 65041          | 130700        | 2.03%           | 0.197%        |
| 4         | 2.807       | 277           | 282         | 294          | rVB      | 231718         | 511165        | 7.94%           | 0.772%        |
| 5         | 3.087       | 312           | 328         | 331          | rBV      | 193755         | 505140        | 7.84%           | 0.763%        |
| 6         | 3.124       | 331           | 334         | 342          | rVV      | 196762         | 466814        | 7.25%           | 0.705%        |
| 7         | 3.239       | 345           | 353         | 375          | rVV3     | 77174          | 518080        | 8.04%           | 0.783%        |
| 8         | 3.428       | 376           | 384         | 397          | rVB      | 141189         | 315593        | 4.90%           | 0.477%        |
| 9         | 4.197       | 500           | 510         | 517          | rBV2     | 37943          | 111514        | 1.73%           | 0.168%        |
| 10        | 4.288       | 517           | 525         | 539          | rVB      | 178176         | 508834        | 7.90%           | 0.769%        |
| 11        | 5.391       | 688           | 706         | 712          | rBV      | 119718         | 385411        | 5.98%           | 0.582%        |
| 12        | 5.489       | 713           | 722         | 727          | rBV4     | 74028          | 243512        | 3.78%           | 0.368%        |
| 13        | 5.550       | 727           | 732         | 738          | rVV2     | 66742          | 161047        | 2.50%           | 0.243%        |
| 14        | 5.818       | 764           | 776         | 789          | rBV2     | 125579         | 371692        | 5.77%           | 0.561%        |
| 15        | 5.958       | 789           | 799         | 805          | rBV      | 111194         | 301582        | 4.68%           | 0.456%        |
| 16        | 6.032       | 805           | 811         | 821          | rVB      | 98835          | 259199        | 4.02%           | 0.392%        |
| 17        | 6.153       | 821           | 831         | 837          | rBV3     | 49373          | 162492        | 2.52%           | 0.245%        |
| 18        | 6.245       | 837           | 846         | 856          | rVB      | 168330         | 522000        | 8.10%           | 0.788%        |
| 19        | 6.349       | 856           | 863         | 870          | rBV2     | 42982          | 119454        | 1.85%           | 0.180%        |
| 20        | 6.605       | 895           | 905         | 912          | rBV2     | 82886          | 200556        | 3.11%           | 0.303%        |
| 21        | 6.763       | 923           | 931         | 938          | rBV      | 173156         | 455186        | 7.07%           | 0.688%        |
| 22        | 6.836       | 939           | 943         | 951          | rVB4     | 59989          | 162877        | 2.53%           | 0.246%        |
| 23        | 7.373       | 1018          | 1031        | 1043         | rBV3     | 194134         | 511381        | 7.94%           | 0.772%        |
| 24        | 7.653       | 1072          | 1077        | 1089         | rVB      | 51400          | 97747         | 1.52%           | 0.148%        |
| 25        | 7.982       | 1122          | 1131        | 1143         | rVB      | 127716         | 282995        | 4.39%           | 0.427%        |
| 26        | 8.104       | 1143          | 1151        | 1155         | rBV      | 174399         | 377000        | 5.85%           | 0.569%        |
| 27        | 8.141       | 1155          | 1157        | 1161         | rVV      | 110626         | 159798        | 2.48%           | 0.241%        |
| 28        | 8.190       | 1161          | 1165        | 1174         | rVV4     | 64276          | 130267        | 2.02%           | 0.197%        |
| 29        | 8.275       | 1174          | 1179        | 1182         | rVV      | 58377          | 100462        | 1.56%           | 0.152%        |
| 30        | 8.434       | 1200          | 1205        | 1209         | rBV      | 68681          | 110901        | 1.72%           | 0.168%        |
| 31        | 8.604       | 1228          | 1233        | 1235         | rBV3     | 61613          | 102132        | 1.59%           | 0.154%        |
| 32        | 8.647       | 1235          | 1240        | 1246         | rVB      | 616704         | 1000852       | 15.54%          | 1.512%        |
| 33        | 8.720       | 1246          | 1252        | 1258         | rBV      | 518108         | 802728        | 12.46%          | 1.213%        |
| 34        | 8.915       | 1276          | 1284        | 1291         | rBV4     | 69606          | 176681        | 2.74%           | 0.267%        |
| 35        | 10.055      | 1467          | 1471        | 1476         | rBV      | 405290         | 556524        | 8.64%           | 0.841%        |
| 36        | 10.195      | 1486          | 1494        | 1500         | rVB      | 1440392        | 1880013       | 29.19%          | 2.840%        |

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Integrator: RTE

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Filtering: 5

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Stop Thrs : 0

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100322W.M  
 Title : SW846 8260

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 10.305 | 1500 | 1512 | 1518 | rVV  | 3260483 | 4637952 | 72.00%  | 7.006% |
| 38 | 10.647 | 1562 | 1568 | 1581 | rVB  | 970985  | 1371981 | 21.30%  | 2.072% |
| 39 | 10.964 | 1615 | 1620 | 1628 | rBV  | 256922  | 333531  | 5.18%   | 0.504% |
| 40 | 11.086 | 1634 | 1640 | 1651 | rVB  | 518140  | 728447  | 11.31%  | 1.100% |
| 41 | 11.305 | 1669 | 1676 | 1683 | rBV  | 850419  | 1026422 | 15.93%  | 1.550% |
| 42 | 11.384 | 1683 | 1689 | 1696 | rVV  | 2907045 | 5370459 | 83.37%  | 8.112% |
| 43 | 11.451 | 1696 | 1700 | 1712 | rVB  | 1564870 | 2020290 | 31.36%  | 3.052% |
| 44 | 11.616 | 1721 | 1727 | 1734 | rBV  | 1220792 | 1541226 | 23.93%  | 2.328% |
| 45 | 11.756 | 1744 | 1750 | 1755 | rVB  | 5309472 | 6441565 | 100.00% | 9.730% |
| 46 | 11.866 | 1762 | 1768 | 1770 | rBV  | 85812   | 111933  | 1.74%   | 0.169% |
| 47 | 11.890 | 1770 | 1772 | 1777 | rVB  | 115306  | 134028  | 2.08%   | 0.202% |
| 48 | 11.970 | 1781 | 1785 | 1789 | rVV  | 190651  | 236246  | 3.67%   | 0.357% |
| 49 | 12.024 | 1789 | 1794 | 1799 | rVV2 | 678395  | 882497  | 13.70%  | 1.333% |
| 50 | 12.091 | 1800 | 1805 | 1810 | rVB  | 1073943 | 1379894 | 21.42%  | 2.084% |
| 51 | 12.244 | 1825 | 1830 | 1833 | rBV2 | 1303463 | 1956128 | 30.37%  | 2.955% |
| 52 | 12.268 | 1833 | 1834 | 1838 | rVV  | 899011  | 770147  | 11.96%  | 1.163% |
| 53 | 12.317 | 1838 | 1842 | 1850 | rVB3 | 1355146 | 2063493 | 32.03%  | 3.117% |
| 54 | 12.408 | 1850 | 1857 | 1862 | rBV3 | 122202  | 210862  | 3.27%   | 0.319% |
| 55 | 12.463 | 1862 | 1866 | 1872 | rVB2 | 392385  | 531653  | 8.25%   | 0.803% |
| 56 | 12.530 | 1872 | 1877 | 1879 | rBV  | 674967  | 828093  | 12.86%  | 1.251% |
| 57 | 12.555 | 1879 | 1881 | 1886 | rVB  | 657337  | 744657  | 11.56%  | 1.125% |
| 58 | 12.616 | 1886 | 1891 | 1894 | rBV  | 1230880 | 1456105 | 22.60%  | 2.199% |
| 59 | 12.646 | 1894 | 1896 | 1901 | rVB  | 154762  | 169974  | 2.64%   | 0.257% |
| 60 | 12.701 | 1901 | 1905 | 1914 | rBV3 | 433992  | 809636  | 12.57%  | 1.223% |
| 61 | 12.847 | 1925 | 1929 | 1934 | rVB  | 261522  | 343183  | 5.33%   | 0.518% |
| 62 | 12.921 | 1934 | 1941 | 1945 | rBV  | 587281  | 783803  | 12.17%  | 1.184% |
| 63 | 12.963 | 1945 | 1948 | 1954 | rVB  | 889439  | 1041217 | 16.16%  | 1.573% |
| 64 | 13.024 | 1954 | 1958 | 1960 | rBV  | 157002  | 208214  | 3.23%   | 0.315% |
| 65 | 13.049 | 1960 | 1962 | 1964 | rVV  | 129013  | 140173  | 2.18%   | 0.212% |
| 66 | 13.073 | 1964 | 1966 | 1969 | rVB  | 110834  | 98767   | 1.53%   | 0.149% |
| 67 | 13.171 | 1974 | 1982 | 1986 | rVB2 | 590693  | 820785  | 12.74%  | 1.240% |
| 68 | 13.213 | 1986 | 1989 | 1992 | rVB2 | 116517  | 128866  | 2.00%   | 0.195% |
| 69 | 13.256 | 1992 | 1996 | 1998 | rBV2 | 175747  | 249220  | 3.87%   | 0.376% |
| 70 | 13.292 | 1998 | 2002 | 2007 | rVB2 | 1061022 | 1395463 | 21.66%  | 2.108% |
| 71 | 13.372 | 2012 | 2015 | 2020 | rVV  | 152929  | 194225  | 3.02%   | 0.293% |
| 72 | 13.427 | 2020 | 2024 | 2032 | rVB  | 258111  | 371420  | 5.77%   | 0.561% |
| 73 | 13.506 | 2032 | 2037 | 2040 | rBV2 | 127760  | 181253  | 2.81%   | 0.274% |
| 74 | 13.542 | 2040 | 2043 | 2046 | rVV  | 226996  | 308666  | 4.79%   | 0.466% |
| 75 | 13.585 | 2046 | 2050 | 2056 | rVV3 | 311139  | 628720  | 9.76%   | 0.950% |
| 76 | 13.664 | 2060 | 2063 | 2069 | rVB2 | 238949  | 387546  | 6.02%   | 0.585% |

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 MSVOA\_X  
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 D22004-(6-6.5)

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

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Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100322W.M  
 Title : SW846 8260

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 77  | 13.780 | 2075 | 2082 | 2088 | rVB  | 1024991 | 1355171 | 21.04% | 2.047% |
| 78  | 13.853 | 2090 | 2094 | 2100 | rVB3 | 119310  | 200617  | 3.11%  | 0.303% |
| 79  | 13.926 | 2100 | 2106 | 2110 | rBV2 | 203440  | 319627  | 4.96%  | 0.483% |
| 80  | 13.969 | 2110 | 2113 | 2117 | rVB  | 98445   | 111704  | 1.73%  | 0.169% |
| 81  | 14.073 | 2127 | 2130 | 2135 | rBV  | 227616  | 278787  | 4.33%  | 0.421% |
| 82  | 14.225 | 2149 | 2155 | 2163 | rBV3 | 291682  | 615974  | 9.56%  | 0.930% |
| 83  | 14.323 | 2167 | 2171 | 2176 | rVV  | 124117  | 161993  | 2.51%  | 0.245% |
| 84  | 14.372 | 2176 | 2179 | 2183 | rVB  | 201775  | 240487  | 3.73%  | 0.363% |
| 85  | 14.481 | 2192 | 2197 | 2202 | rBV2 | 177515  | 260695  | 4.05%  | 0.394% |
| 86  | 14.640 | 2214 | 2223 | 2227 | rBV  | 1509791 | 2094084 | 32.51% | 3.163% |
| 87  | 14.670 | 2227 | 2228 | 2233 | rVB  | 96607   | 96856   | 1.50%  | 0.146% |
| 88  | 14.780 | 2240 | 2246 | 2250 | rBV  | 764294  | 953946  | 14.81% | 1.441% |
| 89  | 15.182 | 2306 | 2312 | 2314 | rBV  | 114898  | 168028  | 2.61%  | 0.254% |
| 90  | 15.207 | 2314 | 2316 | 2320 | rVV  | 104247  | 124837  | 1.94%  | 0.189% |
| 91  | 15.377 | 2338 | 2344 | 2347 | rBV  | 166049  | 247333  | 3.84%  | 0.374% |
| 92  | 15.475 | 2353 | 2360 | 2366 | rBV  | 413989  | 691869  | 10.74% | 1.045% |
| 93  | 15.615 | 2377 | 2383 | 2386 | rBV  | 456389  | 700349  | 10.87% | 1.058% |
| 94  | 15.652 | 2386 | 2389 | 2397 | rVB  | 278303  | 401618  | 6.23%  | 0.607% |
| 95  | 15.835 | 2409 | 2419 | 2430 | rVB  | 115137  | 295128  | 4.58%  | 0.446% |
| 96  | 15.987 | 2439 | 2444 | 2455 | rVB  | 68843   | 131536  | 2.04%  | 0.199% |
| 97  | 16.091 | 2455 | 2461 | 2468 | rVV  | 54319   | 95317   | 1.48%  | 0.144% |
| 98  | 16.353 | 2499 | 2504 | 2512 | rBV  | 57509   | 113558  | 1.76%  | 0.172% |
| 99  | 16.597 | 2540 | 2544 | 2549 | rVB  | 62699   | 101954  | 1.58%  | 0.154% |
| 100 | 16.658 | 2549 | 2554 | 2571 | rVB2 | 68614   | 177458  | 2.75%  | 0.268% |

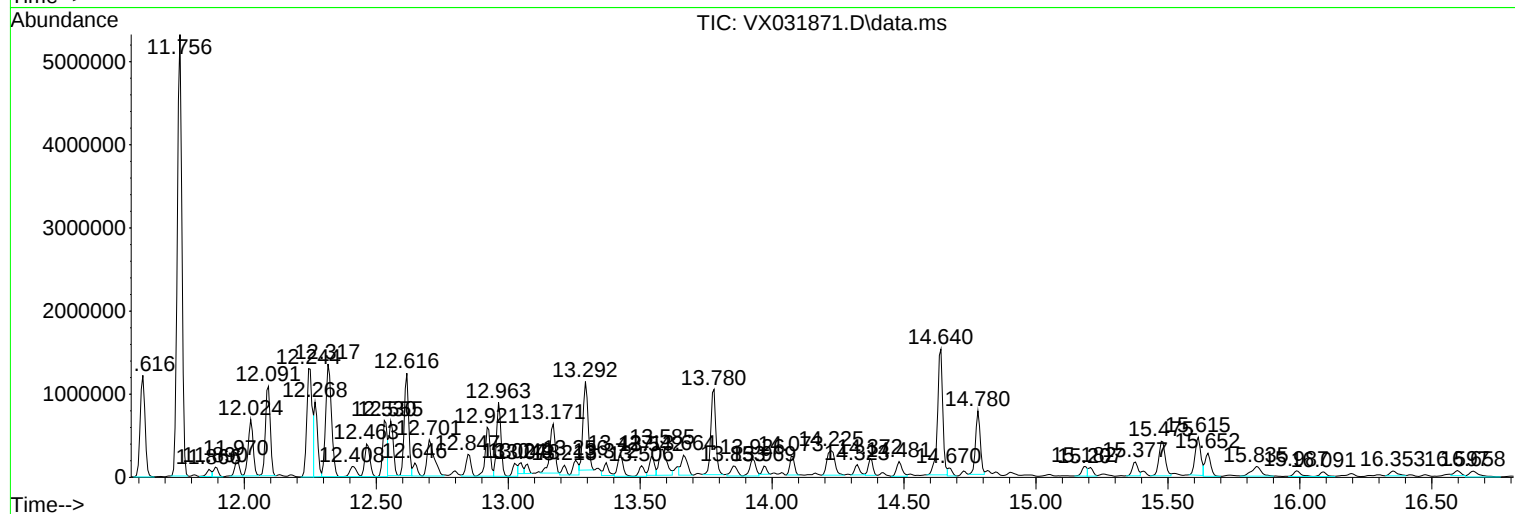
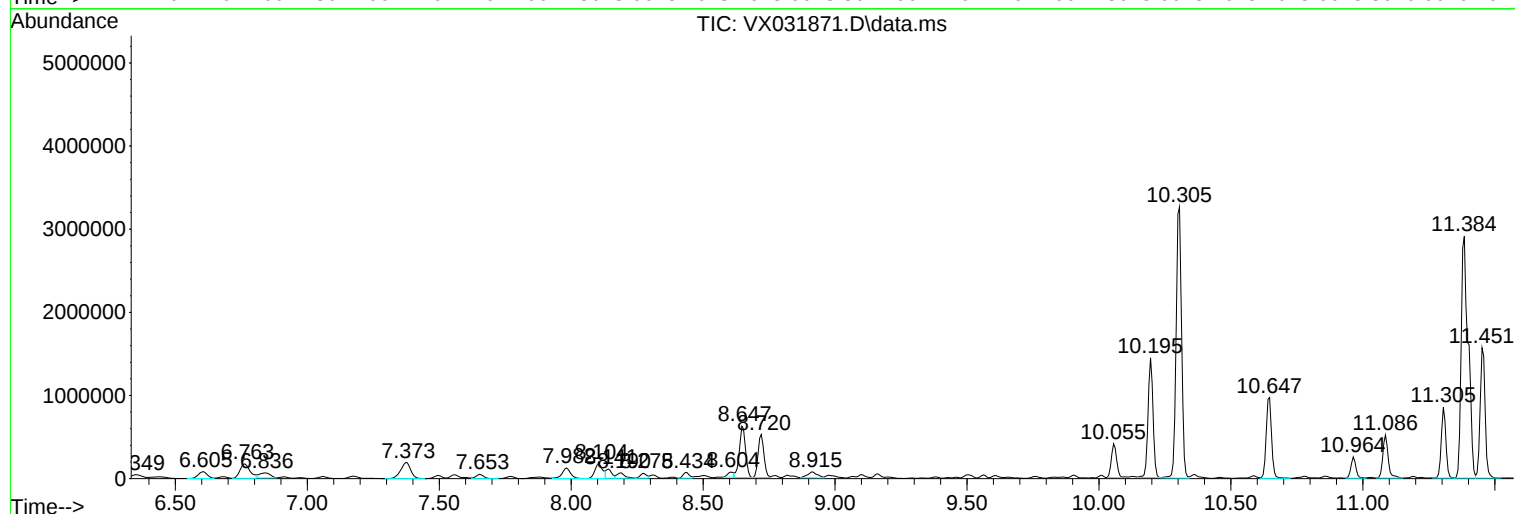
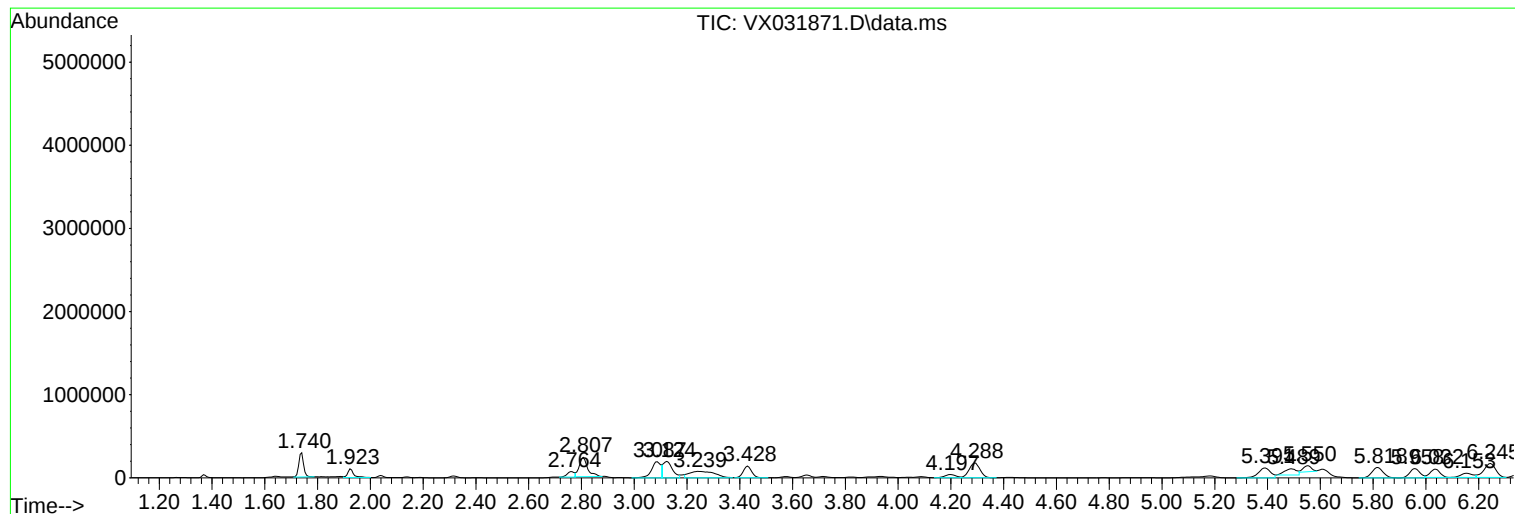
Sum of corrected areas: 66203943

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Instrument :  
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ClientSampleId :  
D22004-(6-6.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100322W.M  
Quant Title : SW846 8260

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



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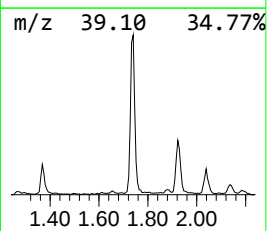
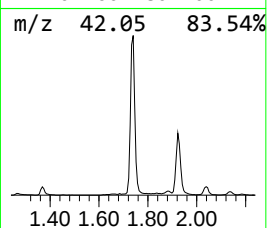
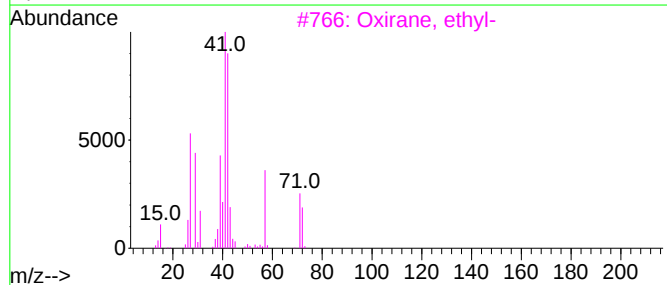
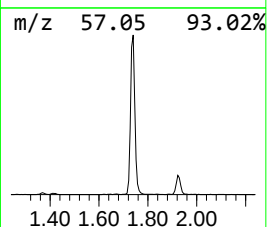
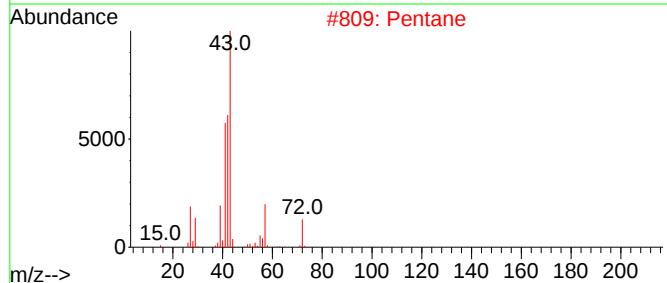
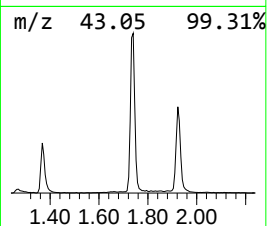
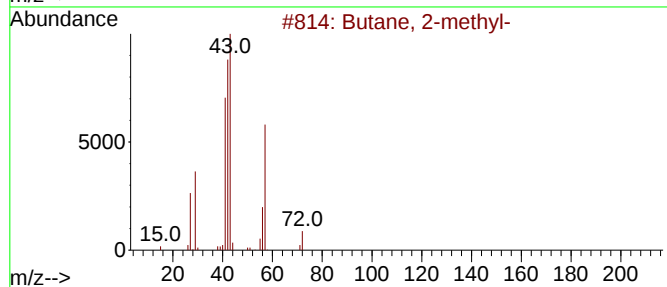
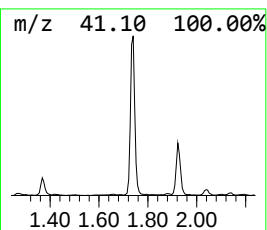
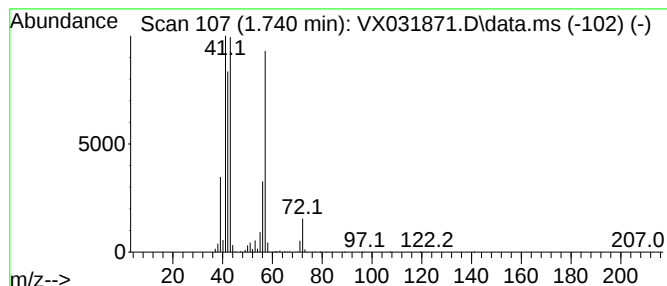
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100322W.M  
Quant Title : SW846 8260

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

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

| R.T.  | EstConc     | Area   | Relative to ISTD   | R.T.  |
|-------|-------------|--------|--------------------|-------|
| 1.740 | 113.00 ug/l | 363959 | Pentafluorobenzene | 5.550 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methyl-          | 72  | C5H12   | 000078-78-4 | 86   |
| 2    |    |   | Pentane                    | 72  | C5H12   | 000109-66-0 | 50   |
| 3    |    |   | Oxirane, ethyl-            | 72  | C4H8O   | 000106-88-7 | 47   |
| 4    |    |   | Oxirane, trimethyl-        | 86  | C5H10O  | 005076-19-7 | 33   |
| 5    |    |   | Butane, 1-chloro-2-methyl- | 106 | C5H11Cl | 000616-13-7 | 27   |



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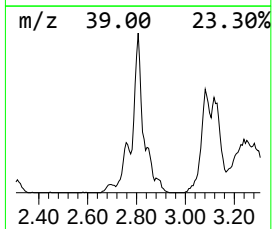
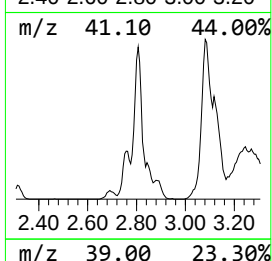
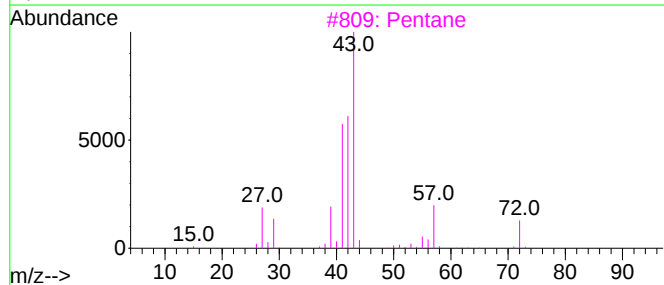
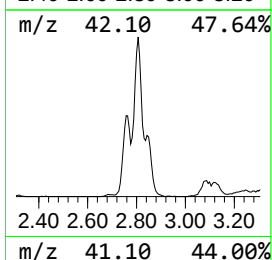
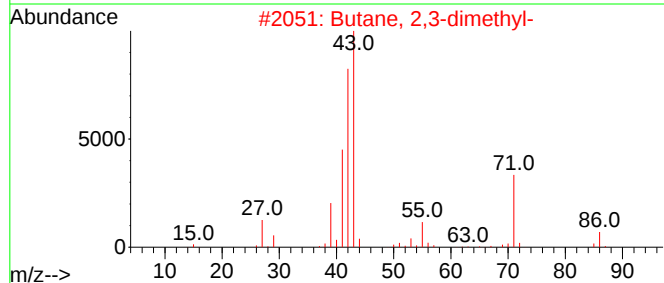
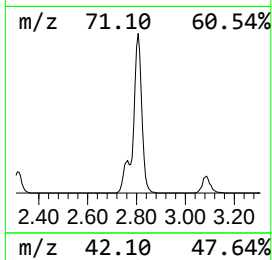
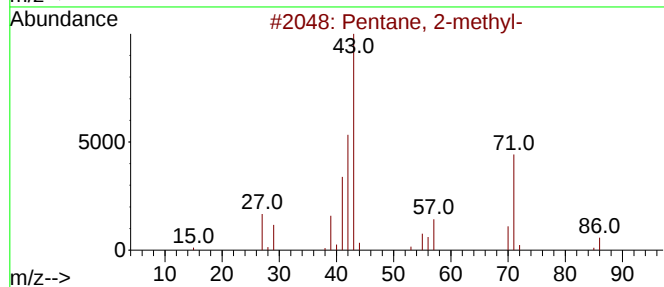
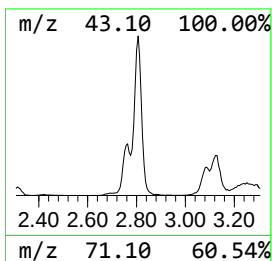
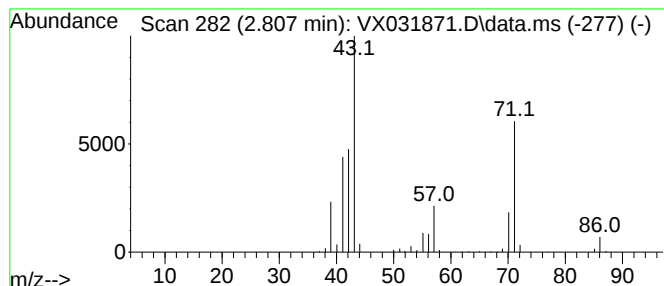
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 2 Pentane, 2-methyl- Concentration Rank 3

| R.T.  | EstConc     | Area   | Relative to ISTD   | R.T.  |
|-------|-------------|--------|--------------------|-------|
| 2.807 | 158.70 ug/l | 511165 | Pentafluorobenzene | 5.550 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Pentane, 2-methyl-       | 86  | C6H14   | 000107-83-5 | 91   |
| 2    |    |   | Butane, 2,3-dimethyl-    | 86  | C6H14   | 000079-29-8 | 50   |
| 3    |    |   | Pentane                  | 72  | C5H12   | 000109-66-0 | 46   |
| 4    |    |   | Pentane, 3,3-dimethyl-   | 100 | C7H16   | 000562-49-2 | 38   |
| 5    |    |   | 1-Butanol, 2,3-dimethyl- | 102 | C6H14O  | 019550-30-2 | 38   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100422\  
Data File : VX031871.D  
Acq On : 04 Oct 2022 15:56  
Operator : JC/MD  
Sample : N4762-04  
Misc : 7.50g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
D22004-(6-6.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100322W.M  
Quant Title : SW846 8260

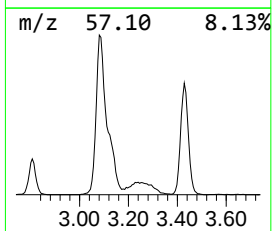
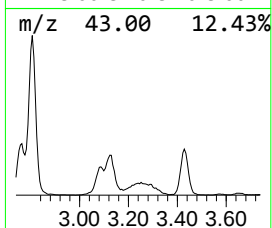
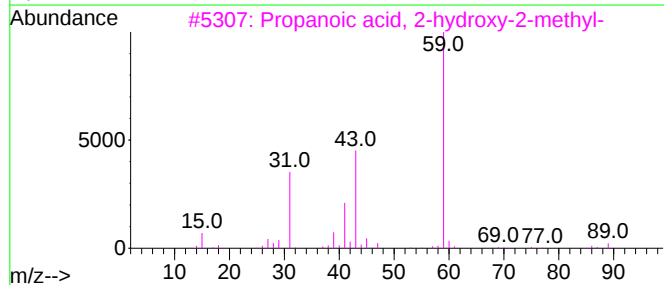
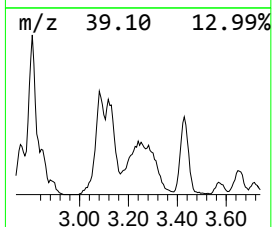
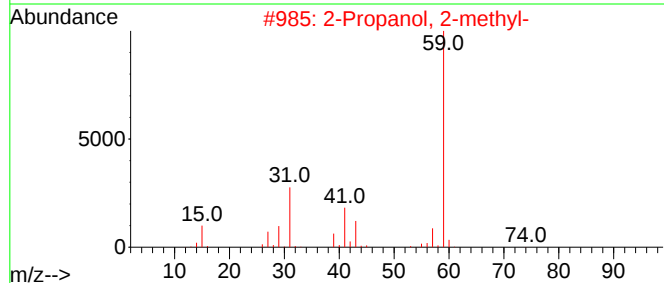
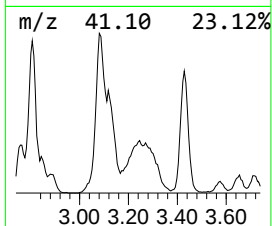
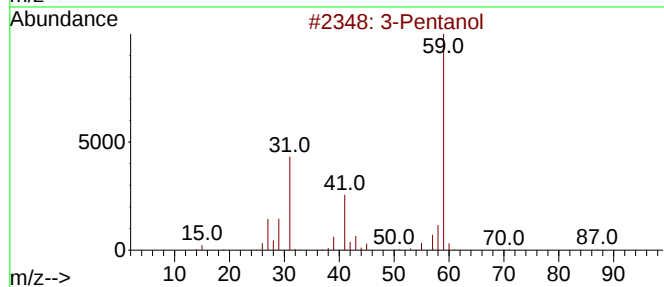
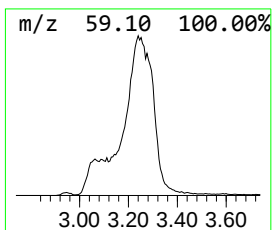
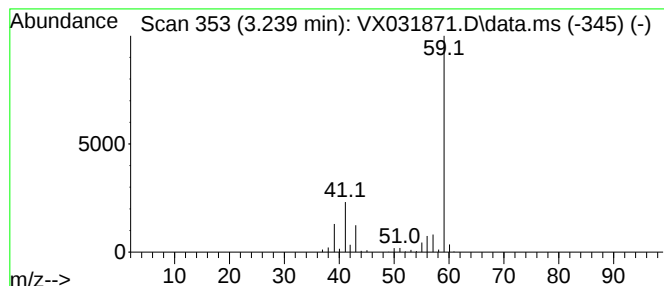
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown3.239 Concentration Rank 2

| R.T.  | EstConc     | Area   | Relative to ISTD   | R.T.  |
|-------|-------------|--------|--------------------|-------|
| 3.239 | 160.85 ug/l | 518080 | Pentafluorobenzene | 5.550 |

| Hit# | of 5                                | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------------------------------|--------------|-----|---------|-------------|------|
| 1    | 3-Pentanol                          |              | 88  | C5H12O  | 000584-02-1 | 40   |
| 2    | 2-Propanol, 2-methyl-               |              | 74  | C4H10O  | 000075-65-0 | 40   |
| 3    | Propanoic acid, 2-hydroxy-2-methyl- |              | 104 | C4H8O3  | 000594-61-6 | 9    |
| 4    | 1,2-Butanediol                      |              | 90  | C4H10O2 | 000584-03-2 | 9    |
| 5    | Formamide, N-methyl-                |              | 59  | C2H5NO  | 000123-39-7 | 5    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100422\  
Data File : VX031871.D  
Acq On : 04 Oct 2022 15:56  
Operator : JC/MD  
Sample : N4762-04  
Misc : 7.50g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
D22004-(6-6.5)

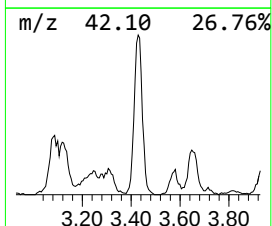
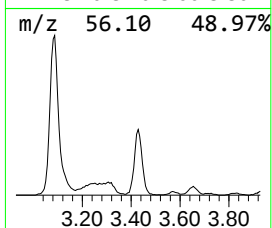
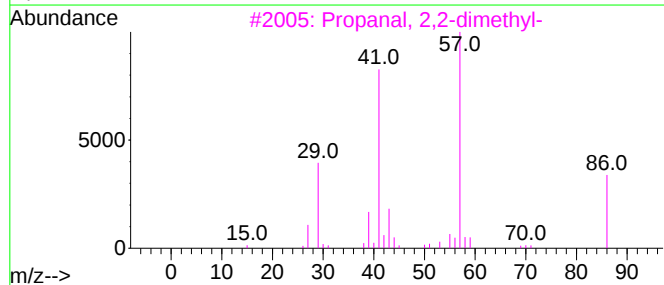
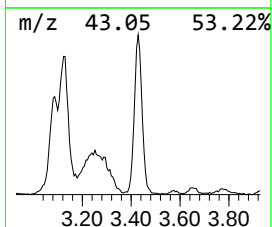
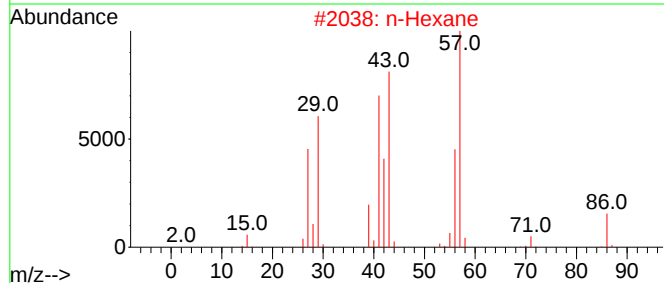
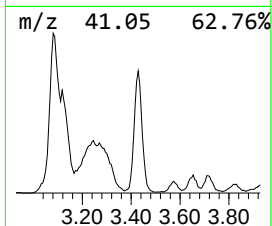
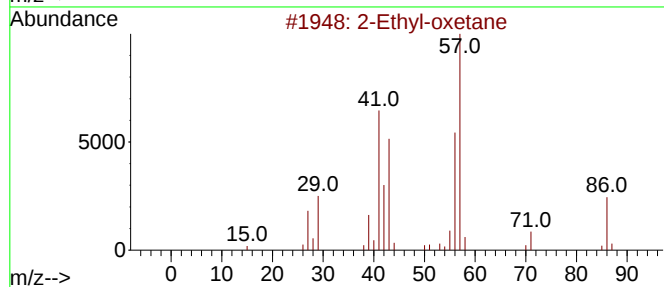
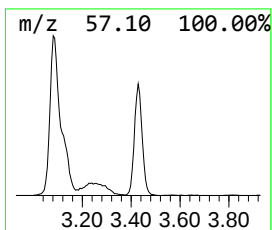
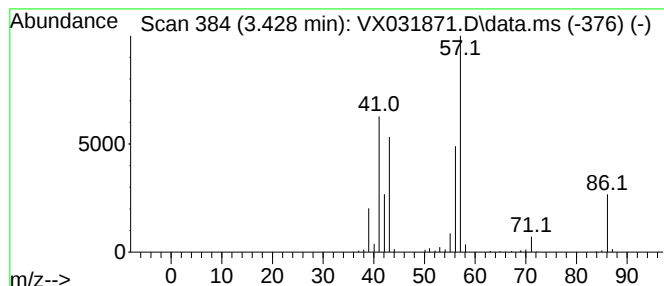
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Quant Title : SW846 8260

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

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Peak Number 4 2-Ethyl-oxetane Concentration Rank 9

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 3.428 | 97.98 ug/l | 315593 | Pentafluorobenzene | 5.550 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------|-----|---------|--------------|------|
| 1    |    |   | 2-Ethyl-oxetane               | 86  | C5H10O  | 1010386-40-2 | 91   |
| 2    |    |   | n-Hexane                      | 86  | C6H14   | 000110-54-3  | 83   |
| 3    |    |   | Propanal, 2,2-dimethyl-       | 86  | C5H10O  | 000630-19-3  | 38   |
| 4    |    |   | Morpholine                    | 87  | C4H9NO  | 000110-91-8  | 38   |
| 5    |    |   | Pentane, 2,2,3,4-tetramethyl- | 128 | C9H20   | 001186-53-4  | 38   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100422\  
Data File : VX031871.D  
Acq On : 04 Oct 2022 15:56  
Operator : JC/MD  
Sample : N4762-04  
Misc : 7.50g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
D22004-(6-6.5)

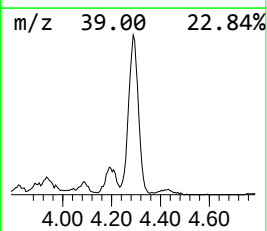
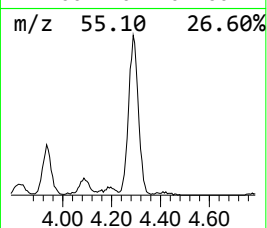
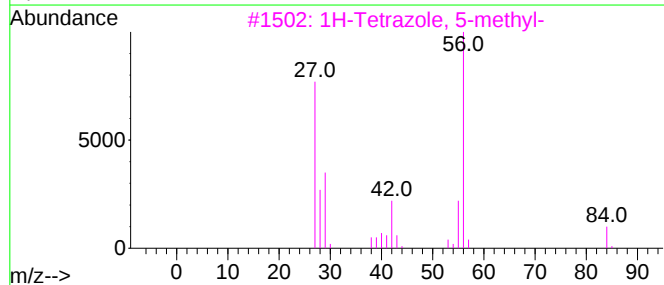
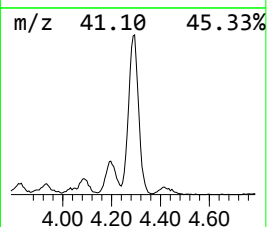
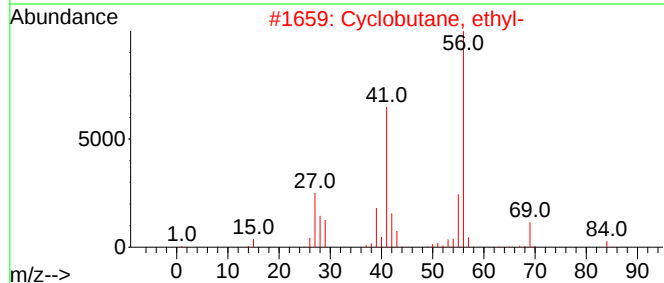
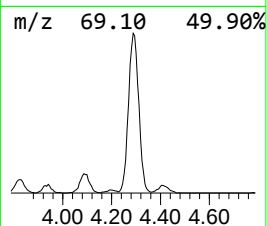
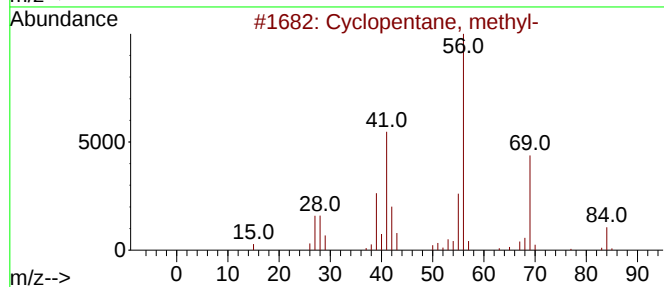
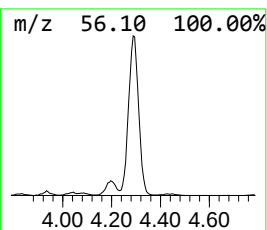
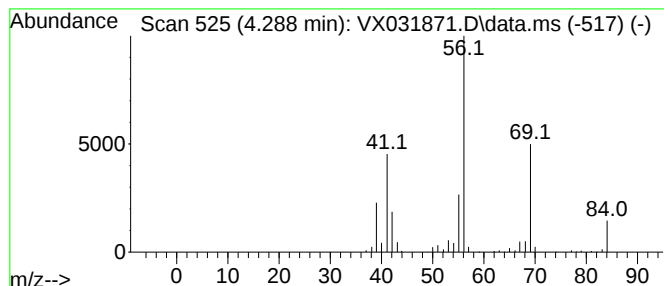
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 5 Cyclopentane, methyl- Concentration Rank 4

| R.T.  | EstConc     | Area   | Relative to ISTD   | R.T.  |
|-------|-------------|--------|--------------------|-------|
| 4.288 | 157.98 ug/l | 508834 | Pentafluorobenzene | 5.550 |

| Hit# | of | 5 | Tentative ID                | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|----|---------|-------------|------|
| 1    |    |   | Cyclopentane, methyl-       | 84 | C6H12   | 000096-37-7 | 91   |
| 2    |    |   | Cyclobutane, ethyl-         | 84 | C6H12   | 004806-61-5 | 72   |
| 3    |    |   | 1H-Tetrazole, 5-methyl-     | 84 | C2H4N4  | 004076-36-2 | 64   |
| 4    |    |   | 1-Pentene, 2-methyl-        | 84 | C6H12   | 000763-29-1 | 52   |
| 5    |    |   | Cyclopentane, 1,1-dimethyl- | 98 | C7H14   | 001638-26-2 | 43   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100422\  
Data File : VX031871.D  
Acq On : 04 Oct 2022 15:56  
Operator : JC/MD  
Sample : N4762-04  
Misc : 7.50g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
D22004-(6-6.5)

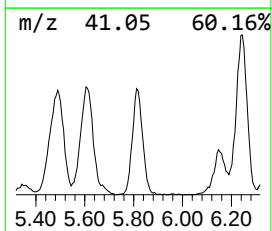
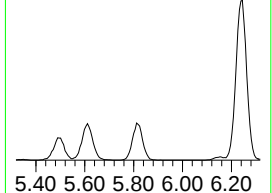
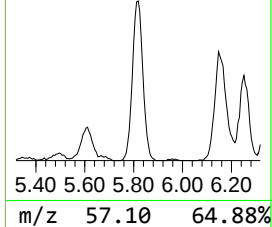
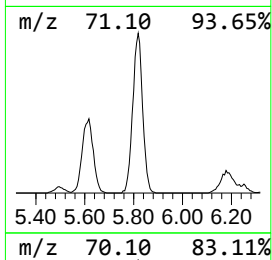
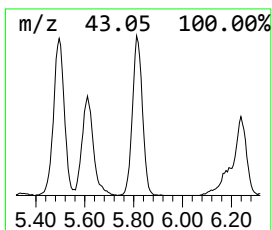
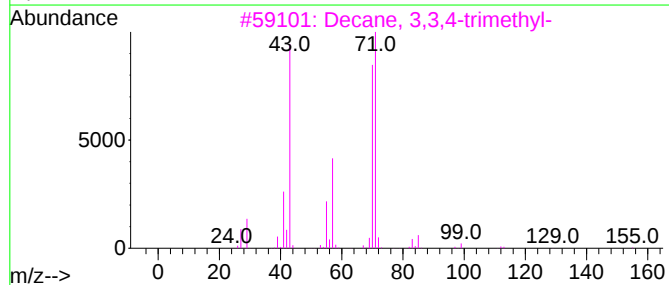
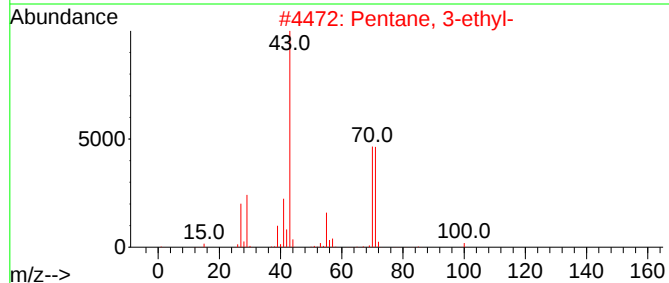
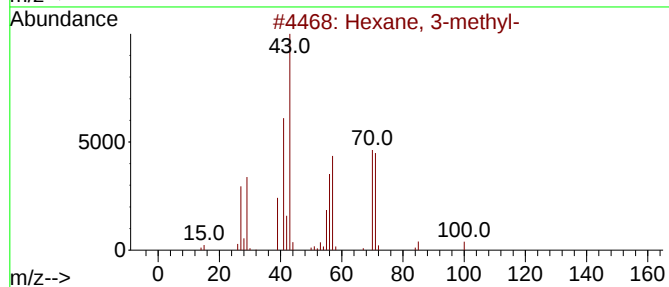
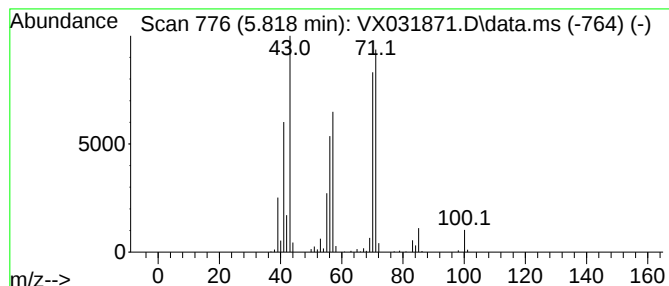
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Quant Title : SW846 8260

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

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Peak Number 6 Hexane, 3-methyl- Concentration Rank 6

| R.T.  | EstConc     | Area   | Relative to ISTD   | R.T.  |
|-------|-------------|--------|--------------------|-------|
| 5.818 | 115.40 ug/l | 371692 | Pentafluorobenzene | 5.550 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexane, 3-methyl-         | 100 | C7H16   | 000589-34-4 | 95   |
| 2    |    |   | Pentane, 3-ethyl-         | 100 | C7H16   | 000617-78-7 | 59   |
| 3    |    |   | Decane, 3,3,4-trimethyl-  | 184 | C13H28  | 049622-18-6 | 59   |
| 4    |    |   | Pentane, 2,3,3-trimethyl- | 114 | C8H18   | 000560-21-4 | 59   |
| 5    |    |   | Octane, 4,5-dimethyl-     | 142 | C10H22  | 015869-96-2 | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100422\  
Data File : VX031871.D  
Acq On : 04 Oct 2022 15:56  
Operator : JC/MD  
Sample : N4762-04  
Misc : 7.50g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
D22004-(6-6.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100322W.M  
Quant Title : SW846 8260

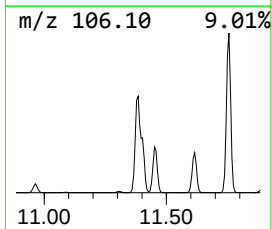
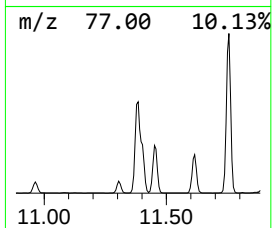
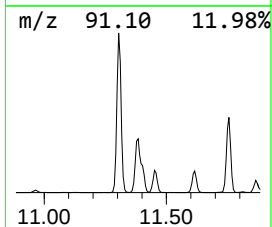
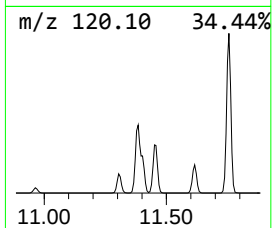
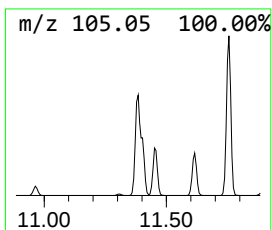
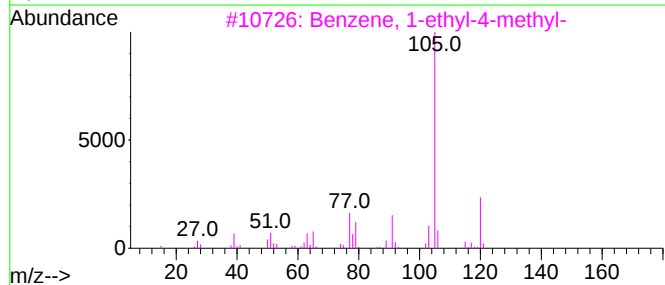
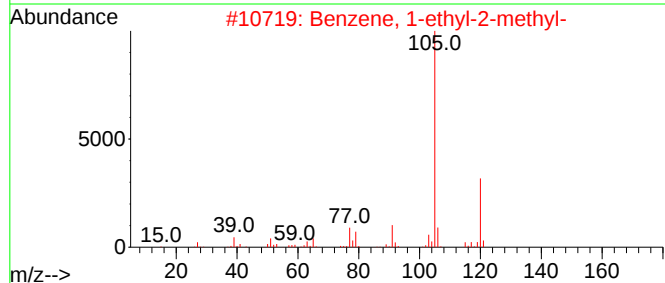
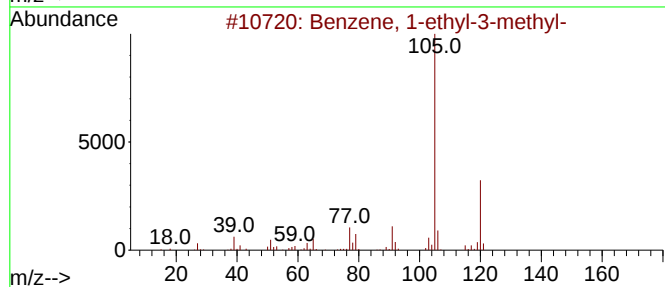
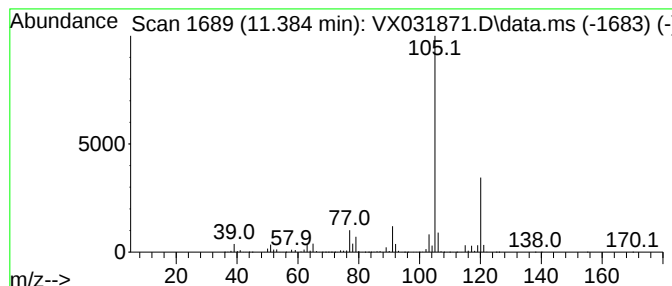
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 11.384 | 304.28 ug/l | 5370460 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 95   |
| 2    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 3    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 4    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 5    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100422\  
Data File : VX031871.D  
Acq On : 04 Oct 2022 15:56  
Operator : JC/MD  
Sample : N4762-04  
Misc : 7.50g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
D22004-(6-6.5)

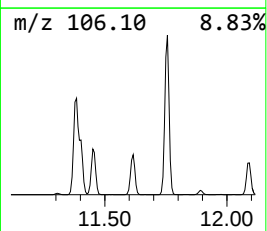
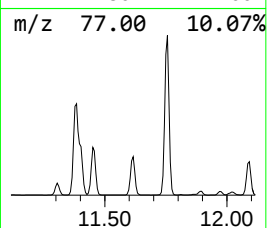
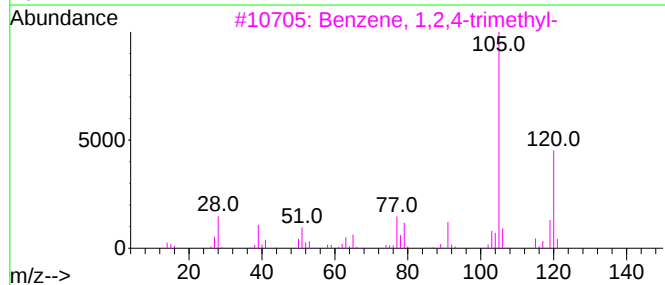
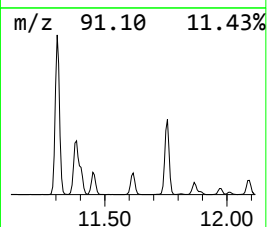
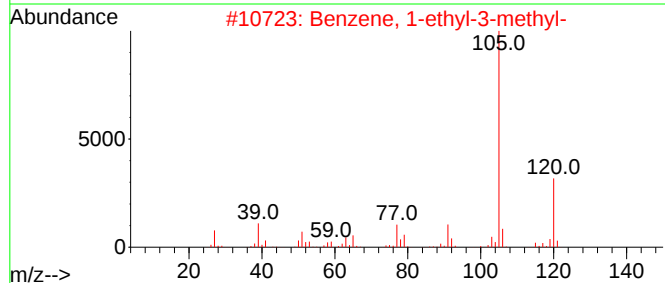
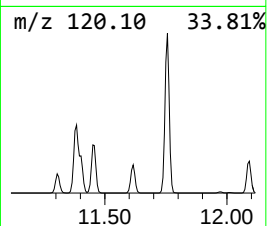
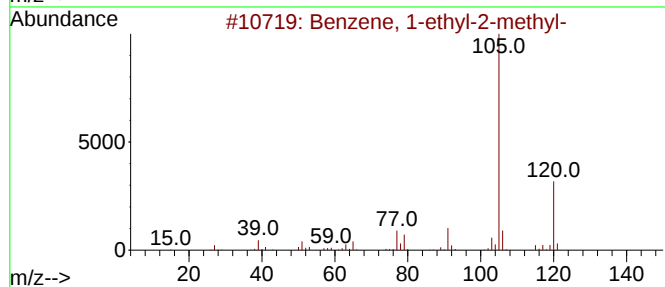
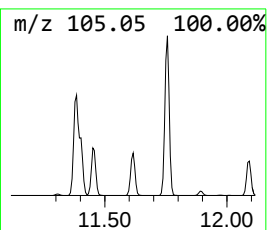
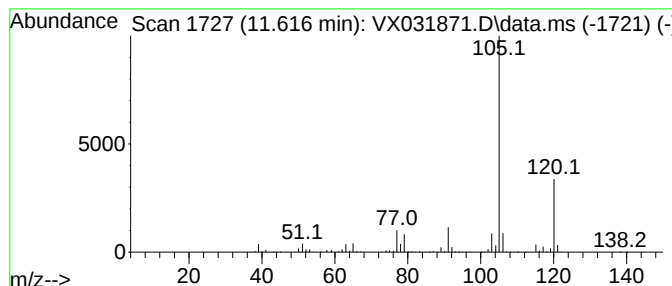
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Quant Title : SW846 8260

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

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Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 11.616 | 87.32 ug/l | 1541230 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 93   |
| 2    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 90   |
| 3    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 90   |
| 4    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 90   |
| 5    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100422\  
Data File : VX031871.D  
Acq On : 04 Oct 2022 15:56  
Operator : JC/MD  
Sample : N4762-04  
Misc : 7.50g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
D22004-(6-6.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100322W.M  
Quant Title : SW846 8260

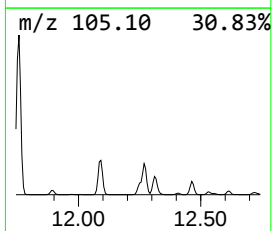
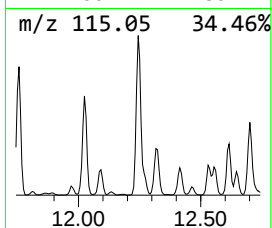
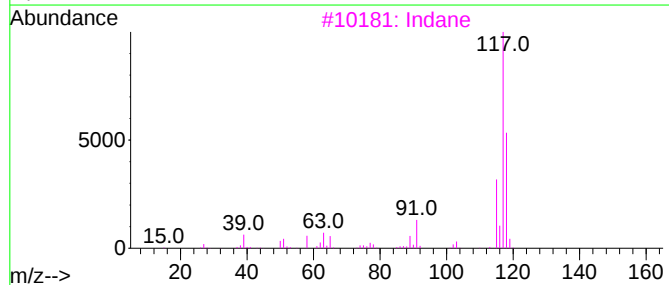
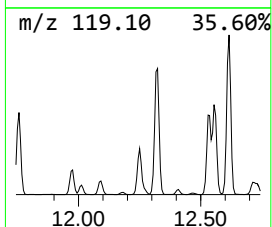
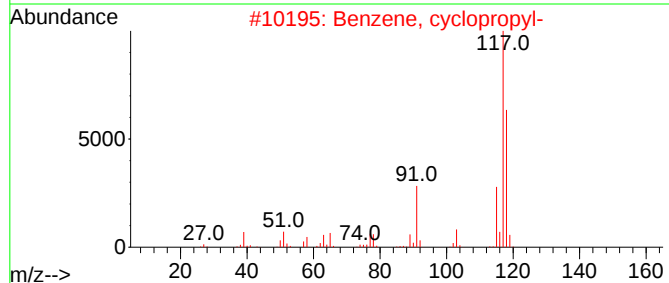
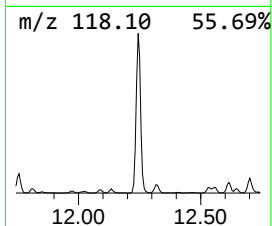
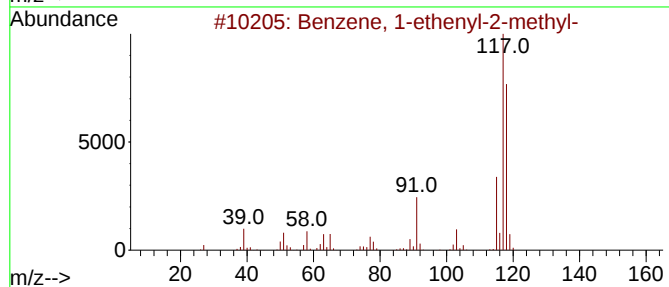
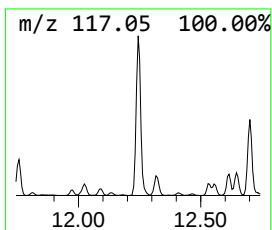
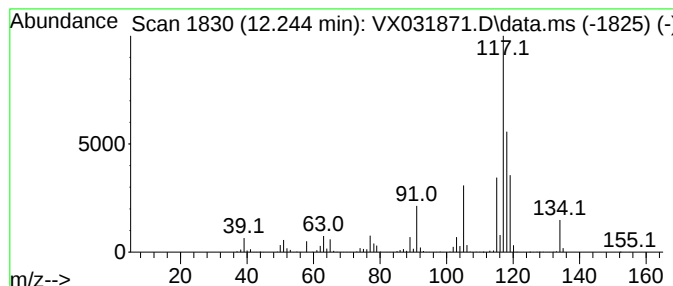
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Benzene, 1-ethenyl-2-methyl- Concentration Rank 8

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.244 | 110.83 ug/l | 1956130 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10   | 000611-15-4 | 91   |
| 2    |    |   | Benzene, cyclopropyl-        | 118 | C9H10   | 000873-49-4 | 91   |
| 3    |    |   | Indane                       | 118 | C9H10   | 000496-11-7 | 64   |
| 4    |    |   | Benzene, 2-propenyl-         | 118 | C9H10   | 000300-57-2 | 64   |
| 5    |    |   | Benzene, 1-propenyl-         | 118 | C9H10   | 000637-50-3 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100422\  
Data File : VX031871.D  
Acq On : 04 Oct 2022 15:56  
Operator : JC/MD  
Sample : N4762-04  
Misc : 7.50g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
D22004-(6-6.5)

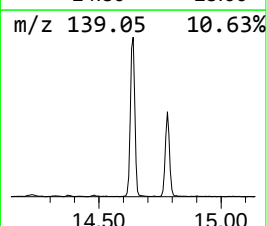
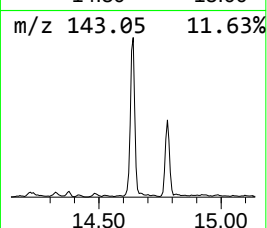
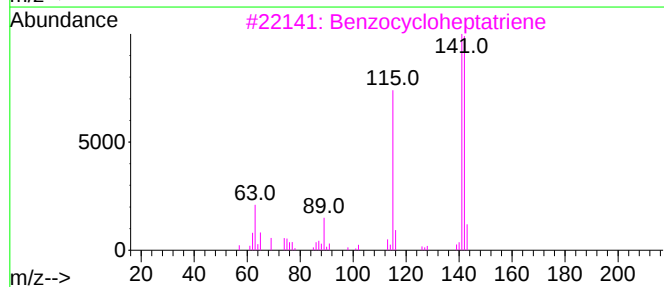
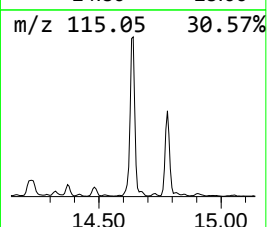
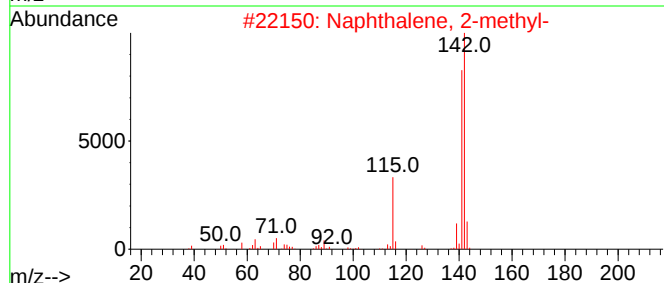
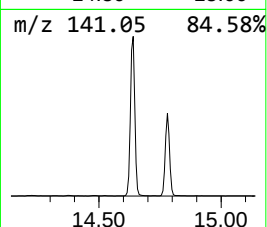
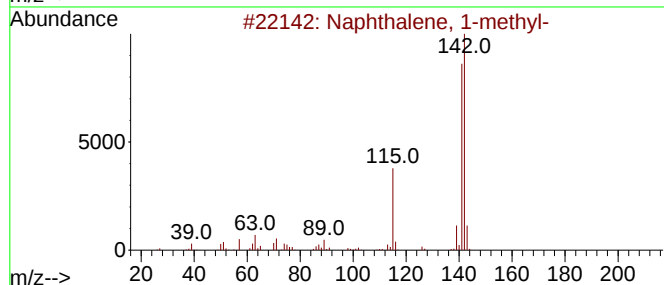
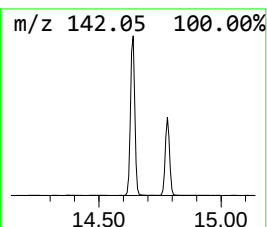
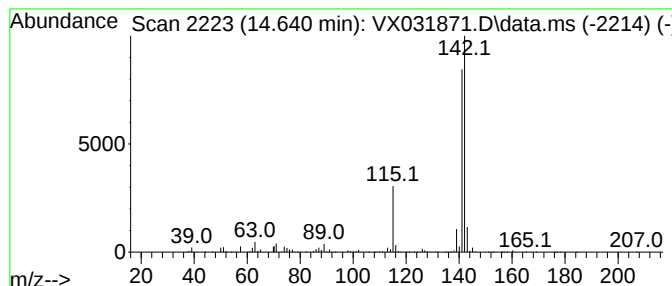
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100322W.M  
Quant Title : SW846 8260

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

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Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 5

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 14.640 | 118.65 ug/l | 2094080 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 96   |
| 2    |    |   | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 96   |
| 3    |    |   | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 91   |
| 4    |    |   | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 91   |
| 5    |    |   | 1H-Indene, 1-ethylidene-            | 142 | C11H10  | 002471-83-2 | 59   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100422\  
Data File : VX031871.D  
Acq On : 04 Oct 2022 15:56  
Operator : JC/MD  
Sample : N4762-04  
Misc : 7.50g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
D22004-(6-6.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100322W.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 |
| Butane, 2-methyl-  | 1.740  | 113.0   | ug/l  | 363959   | 1                     | 5.550  | 161047 | 50.0 |
| Pentane, 2-methyl- | 2.807  | 158.7   | ug/l  | 511165   | 1                     | 5.550  | 161047 | 50.0 |
| unknown3.239       | 3.239  | 160.8   | ug/l  | 518080   | 1                     | 5.550  | 161047 | 50.0 |
| 2-Ethyl-oxetane    | 3.428  | 98.0    | ug/l  | 315593   | 1                     | 5.550  | 161047 | 50.0 |
| Cyclopentane, m... | 4.288  | 158.0   | ug/l  | 508834   | 1                     | 5.550  | 161047 | 50.0 |
| Hexane, 3-methyl-  | 5.818  | 115.4   | ug/l  | 371692   | 1                     | 5.550  | 161047 | 50.0 |
| Benzene, 1-ethy... | 11.384 | 304.3   | ug/l  | 5370460  | 4                     | 12.024 | 882497 | 50.0 |
| Benzene, 1-ethy... | 11.616 | 87.3    | ug/l  | 1541230  | 4                     | 12.024 | 882497 | 50.0 |
| Benzene, 1-ethe... | 12.244 | 110.8   | ug/l  | 1956130  | 4                     | 12.024 | 882497 | 50.0 |
| Naphthalene, 1-... | 14.640 | 118.7   | ug/l  | 2094080  | 4                     | 12.024 | 882497 | 50.0 |