

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032321\  
 Data File : VX021383.D  
 Acq On : 23 Mar 2021 14:26  
 Operator : JC/MD  
 Sample : M1701-02  
 Misc : 5.56g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-5R(13-15FT)

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\82X031621W.M  
 Title : SW846 8260

Signal : TIC: VX021383.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.464       | 729           | 744         | 759          | rBV2     | 50319          | 140943        | 1.30%           | 0.076%        |
| 2         | 5.617       | 759           | 770         | 783          | rBV      | 88074          | 244497        | 2.25%           | 0.131%        |
| 3         | 6.029       | 829           | 840         | 854          | rVB      | 57641          | 153042        | 1.41%           | 0.082%        |
| 4         | 6.823       | 965           | 975         | 990          | rBV      | 126758         | 309300        | 2.85%           | 0.166%        |
| 5         | 8.694       | 1287          | 1293        | 1307         | rVB      | 260145         | 427513        | 3.94%           | 0.229%        |
| 6         | 9.424       | 1407          | 1417        | 1426         | rBV      | 165652         | 264153        | 2.43%           | 0.142%        |
| 7         | 9.541       | 1431          | 1437        | 1444         | rBV2     | 135031         | 268341        | 2.47%           | 0.144%        |
| 8         | 9.659       | 1451          | 1457        | 1461         | rBV      | 357308         | 550695        | 5.07%           | 0.295%        |
| 9         | 9.800       | 1474          | 1481        | 1485         | rBV2     | 78282          | 118439        | 1.09%           | 0.064%        |
| 10        | 9.871       | 1485          | 1493        | 1497         | rBV3     | 341990         | 741371        | 6.83%           | 0.398%        |
| 11        | 10.041      | 1516          | 1522        | 1527         | rBV      | 131172         | 229861        | 2.12%           | 0.123%        |
| 12        | 10.094      | 1527          | 1531        | 1536         | rBV2     | 288819         | 381451        | 3.51%           | 0.205%        |
| 13        | 10.153      | 1536          | 1541        | 1548         | rVB5     | 91508          | 186109        | 1.71%           | 0.100%        |
| 14        | 10.218      | 1548          | 1552        | 1559         | rBV2     | 243216         | 436571        | 4.02%           | 0.234%        |
| 15        | 10.318      | 1559          | 1569        | 1572         | rBV2     | 595987         | 1126724       | 10.38%          | 0.604%        |
| 16        | 10.359      | 1572          | 1576        | 1579         | rVB      | 740499         | 872518        | 8.04%           | 0.468%        |
| 17        | 10.394      | 1579          | 1582        | 1594         | rVB2     | 570107         | 1094681       | 10.08%          | 0.587%        |
| 18        | 10.494      | 1594          | 1599        | 1605         | rBV2     | 491594         | 748850        | 6.90%           | 0.402%        |
| 19        | 10.577      | 1605          | 1613        | 1615         | rBV2     | 256802         | 416237        | 3.83%           | 0.223%        |
| 20        | 10.630      | 1615          | 1622        | 1629         | rBV2     | 1710766        | 3041402       | 28.01%          | 1.631%        |
| 21        | 10.712      | 1629          | 1636        | 1639         | rBV3     | 1156181        | 1767248       | 16.28%          | 0.948%        |
| 22        | 10.753      | 1640          | 1643        | 1647         | rVB2     | 698651         | 870954        | 8.02%           | 0.467%        |
| 23        | 10.824      | 1647          | 1655        | 1659         | rBV      | 5258896        | 7689220       | 70.83%          | 4.124%        |
| 24        | 10.900      | 1659          | 1668        | 1671         | rBV2     | 2994333        | 5537027       | 51.00%          | 2.970%        |
| 25        | 10.935      | 1671          | 1674        | 1679         | rVB      | 2882977        | 3992688       | 36.78%          | 2.141%        |
| 26        | 10.994      | 1679          | 1684        | 1689         | rVB3     | 982559         | 1631179       | 15.02%          | 0.875%        |
| 27        | 11.047      | 1689          | 1693        | 1694         | rBV2     | 1258788        | 1589990       | 14.65%          | 0.853%        |
| 28        | 11.071      | 1694          | 1697        | 1702         | rVB2     | 1860238        | 2630478       | 24.23%          | 1.411%        |
| 29        | 11.124      | 1702          | 1706        | 1710         | rVB2     | 938639         | 1345447       | 12.39%          | 0.722%        |
| 30        | 11.171      | 1710          | 1714        | 1717         | rBV2     | 943206         | 1206464       | 11.11%          | 0.647%        |
| 31        | 11.206      | 1717          | 1720        | 1722         | rBV      | 662501         | 807254        | 7.44%           | 0.433%        |
| 32        | 11.265      | 1722          | 1730        | 1734         | rBV3     | 4521758        | 6914373       | 63.69%          | 3.708%        |
| 33        | 11.347      | 1741          | 1744        | 1746         | rBV2     | 385203         | 445619        | 4.10%           | 0.239%        |
| 34        | 11.383      | 1746          | 1750        | 1755         | rVV4     | 1618401        | 3045480       | 28.05%          | 1.633%        |
| 35        | 11.430      | 1755          | 1758        | 1762         | rVB3     | 1703801        | 2207531       | 20.33%          | 1.184%        |
| 36        | 11.477      | 1762          | 1766        | 1770         | rBV      | 4707439        | 6272983       | 57.78%          | 3.364%        |

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 Sample : M1701-02  
 Misc : 5.56g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-5R(13-15FT)

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\82X031621W.M  
 Title : SW846 8260

|    |        |      |      |      |      |         |          |         |        |
|----|--------|------|------|------|------|---------|----------|---------|--------|
| 37 | 11.524 | 1770 | 1774 | 1779 | rVB5 | 3068582 | 4786209  | 44.09%  | 2.567% |
| 38 | 11.571 | 1779 | 1782 | 1787 | rVB4 | 613811  | 901497   | 8.30%   | 0.483% |
| 39 | 11.618 | 1787 | 1790 | 1792 | rBV  | 654904  | 734200   | 6.76%   | 0.394% |
| 40 | 11.647 | 1792 | 1795 | 1796 | rBV  | 808183  | 794817   | 7.32%   | 0.426% |
| 41 | 11.677 | 1796 | 1800 | 1804 | rVB5 | 3033460 | 4122404  | 37.97%  | 2.211% |
| 42 | 11.730 | 1804 | 1809 | 1811 | rBV2 | 2579385 | 3363217  | 30.98%  | 1.804% |
| 43 | 11.759 | 1811 | 1814 | 1817 | rBV  | 4733590 | 5431329  | 50.03%  | 2.913% |
| 44 | 11.789 | 1817 | 1819 | 1822 | rBV2 | 1007706 | 1050582  | 9.68%   | 0.563% |
| 45 | 11.883 | 1830 | 1835 | 1838 | rBV2 | 3278688 | 5236065  | 48.23%  | 2.808% |
| 46 | 11.936 | 1840 | 1844 | 1849 | rVV4 | 6265110 | 10856464 | 100.00% | 5.822% |
| 47 | 11.989 | 1849 | 1853 | 1856 | rVV2 | 5418290 | 8254756  | 76.04%  | 4.427% |
| 48 | 12.024 | 1856 | 1859 | 1865 | rVV4 | 2327559 | 4050725  | 37.31%  | 2.172% |
| 49 | 12.083 | 1865 | 1869 | 1873 | rVV3 | 1680031 | 2569726  | 23.67%  | 1.378% |
| 50 | 12.165 | 1878 | 1883 | 1884 | rBV3 | 1172524 | 1722322  | 15.86%  | 0.924% |
| 51 | 12.200 | 1885 | 1889 | 1894 | rVB6 | 1453340 | 2852786  | 26.28%  | 1.530% |
| 52 | 12.289 | 1900 | 1904 | 1910 | rBV3 | 2587591 | 4604189  | 42.41%  | 2.469% |
| 53 | 12.359 | 1910 | 1916 | 1923 | rBV6 | 5085084 | 10194537 | 93.90%  | 5.467% |
| 54 | 12.465 | 1923 | 1934 | 1939 | rBV3 | 2815449 | 7949334  | 73.22%  | 4.263% |
| 55 | 12.518 | 1939 | 1943 | 1948 | rVB4 | 3323070 | 6259070  | 57.65%  | 3.357% |
| 56 | 12.600 | 1951 | 1957 | 1959 | rBV4 | 2170457 | 4306265  | 39.67%  | 2.309% |
| 57 | 12.653 | 1964 | 1966 | 1969 | rVB  | 1376638 | 1542276  | 14.21%  | 0.827% |
| 58 | 12.730 | 1974 | 1979 | 1983 | rBV3 | 2221510 | 3815800  | 35.15%  | 2.046% |
| 59 | 12.806 | 1990 | 1992 | 1998 | rBV4 | 629720  | 1128301  | 10.39%  | 0.605% |
| 60 | 12.865 | 1998 | 2002 | 2008 | rVB5 | 3256275 | 5163660  | 47.56%  | 2.769% |
| 61 | 12.930 | 2008 | 2013 | 2016 | rBV3 | 2968167 | 4575629  | 42.15%  | 2.454% |
| 62 | 12.965 | 2016 | 2019 | 2023 | rVB2 | 2505272 | 3069763  | 28.28%  | 1.646% |
| 63 | 13.030 | 2026 | 2030 | 2033 | rBV2 | 1952315 | 2374202  | 21.87%  | 1.273% |
| 64 | 13.065 | 2033 | 2036 | 2044 | rVB2 | 1137087 | 2152904  | 19.83%  | 1.155% |
| 65 | 13.136 | 2044 | 2048 | 2053 | rBV2 | 1068652 | 1587311  | 14.62%  | 0.851% |
| 66 | 13.183 | 2053 | 2056 | 2062 | rVB6 | 634066  | 855400   | 7.88%   | 0.459% |
| 67 | 13.248 | 2062 | 2067 | 2070 | rVB5 | 337636  | 524117   | 4.83%   | 0.281% |
| 68 | 13.295 | 2073 | 2075 | 2078 | rVB2 | 213292  | 182504   | 1.68%   | 0.098% |
| 69 | 13.336 | 2078 | 2082 | 2088 | rVB4 | 1577293 | 2565556  | 23.63%  | 1.376% |
| 70 | 13.389 | 2088 | 2091 | 2092 | rBV2 | 322363  | 348804   | 3.21%   | 0.187% |
| 71 | 13.412 | 2092 | 2095 | 2099 | rBV2 | 498057  | 675476   | 6.22%   | 0.362% |
| 72 | 13.459 | 2100 | 2103 | 2108 | rVB4 | 419094  | 549332   | 5.06%   | 0.295% |
| 73 | 13.548 | 2114 | 2118 | 2121 | rBV3 | 311874  | 449453   | 4.14%   | 0.241% |
| 74 | 13.583 | 2121 | 2124 | 2127 | rVV  | 264433  | 337613   | 3.11%   | 0.181% |
| 75 | 13.624 | 2127 | 2131 | 2135 | rVV3 | 668029  | 907074   | 8.36%   | 0.486% |
| 76 | 13.659 | 2135 | 2137 | 2138 | rVV  | 214553  | 204326   | 1.88%   | 0.110% |

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 Sample : M1701-02  
 Misc : 5.56g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-5R(13-15FT)

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\82X031621W.M  
 Title : SW846 8260

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 77 | 13.706 | 2142 | 2145 | 2149 | rVV2 | 430186 | 647616 | 5.97% | 0.347% |
| 78 | 13.742 | 2149 | 2151 | 2154 | rVB2 | 125350 | 117882 | 1.09% | 0.063% |
| 79 | 13.789 | 2154 | 2159 | 2164 | rVB3 | 270453 | 430804 | 3.97% | 0.231% |
| 80 | 13.842 | 2164 | 2168 | 2171 | rVB3 | 187938 | 231679 | 2.13% | 0.124% |
| 81 | 13.883 | 2171 | 2175 | 2181 | rVB2 | 435110 | 601024 | 5.54% | 0.322% |
| 82 | 13.948 | 2181 | 2186 | 2187 | rBV2 | 133139 | 182167 | 1.68% | 0.098% |
| 83 | 14.012 | 2193 | 2197 | 2209 | rVB7 | 95943  | 293015 | 2.70% | 0.157% |
| 84 | 14.112 | 2209 | 2214 | 2217 | rBV2 | 108509 | 162108 | 1.49% | 0.087% |
| 85 | 14.254 | 2235 | 2238 | 2246 | rVB2 | 142142 | 222339 | 2.05% | 0.119% |
| 86 | 14.518 | 2279 | 2283 | 2287 | rBV2 | 83176  | 138076 | 1.27% | 0.074% |
| 87 | 14.654 | 2302 | 2306 | 2312 | rBV2 | 285072 | 357829 | 3.30% | 0.192% |
| 88 | 14.824 | 2331 | 2335 | 2339 | rBV2 | 74441  | 109290 | 1.01% | 0.059% |
| 89 | 15.254 | 2405 | 2408 | 2412 | rVB  | 181554 | 212079 | 1.95% | 0.114% |

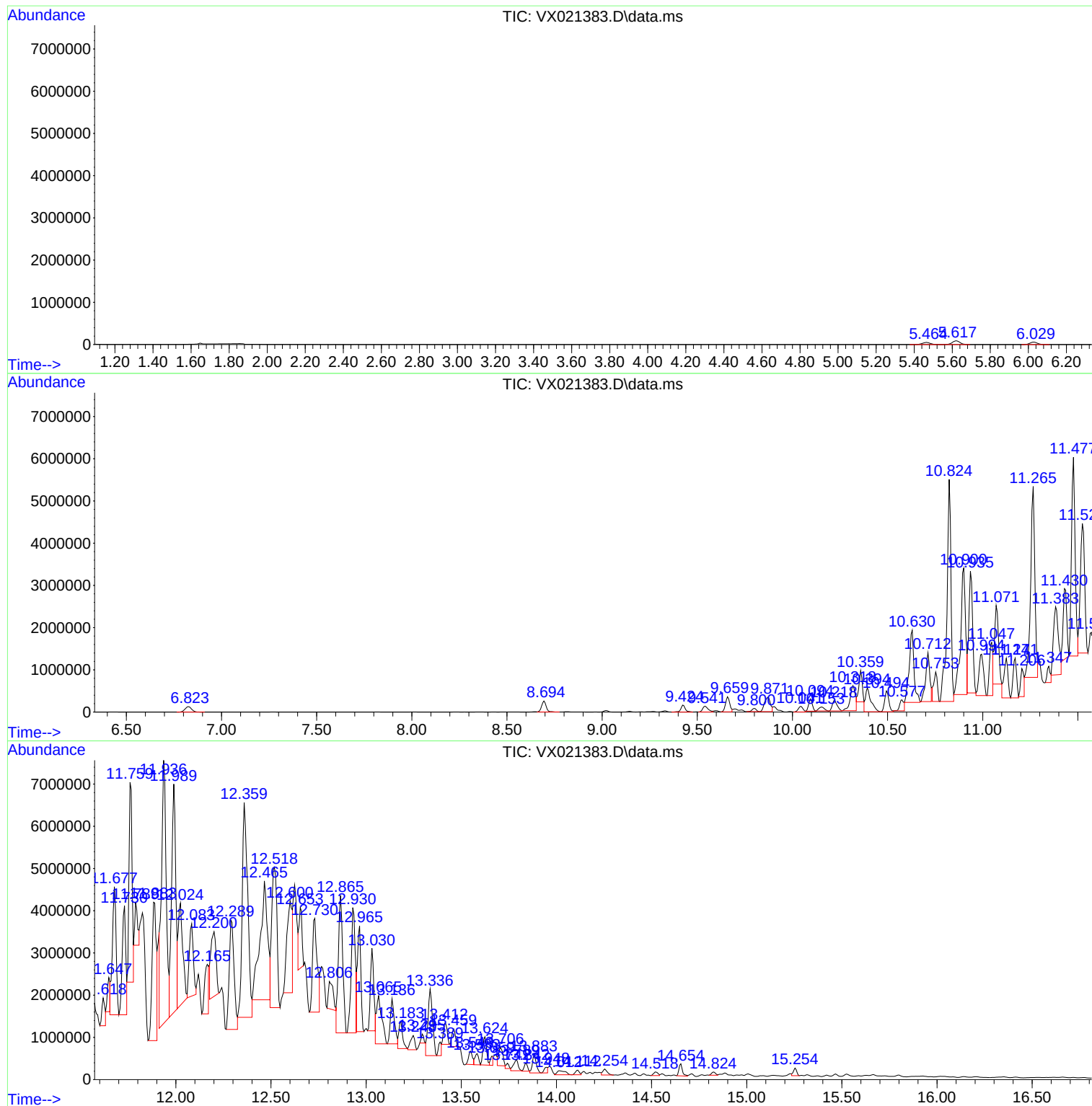
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032321\  
Data File : VX021383.D  
Acq On : 23 Mar 2021 14:26  
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Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5R(13-15FT)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031621W.M  
Quant Title : SW846 8260

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



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Instrument :  
MSVOA\_X  
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MW-5R(13-15FT)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031621W.M  
Quant Title : SW846 8260

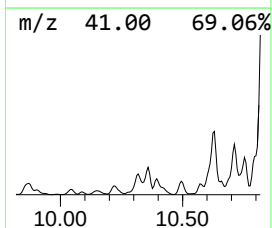
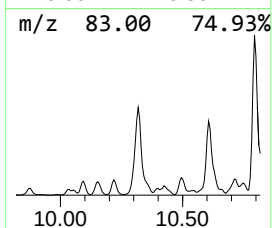
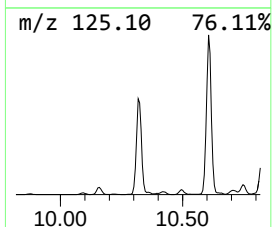
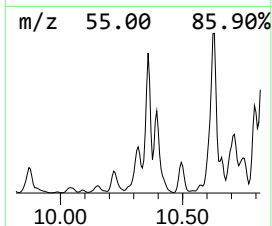
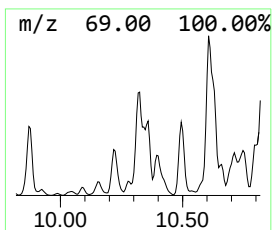
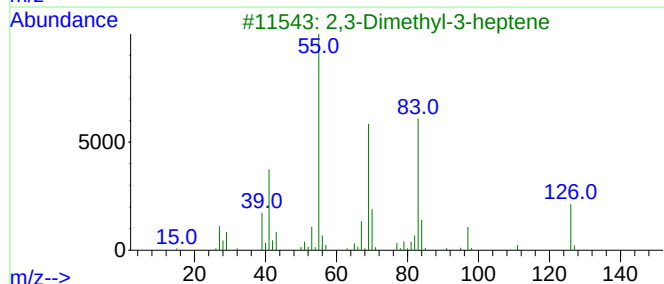
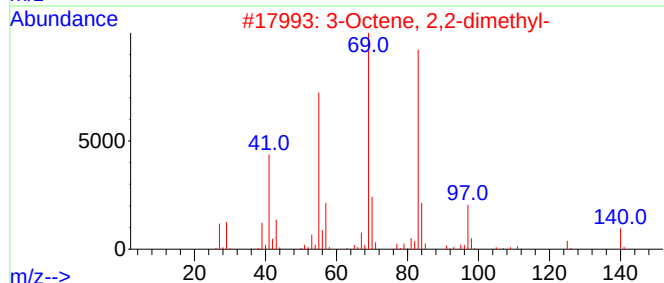
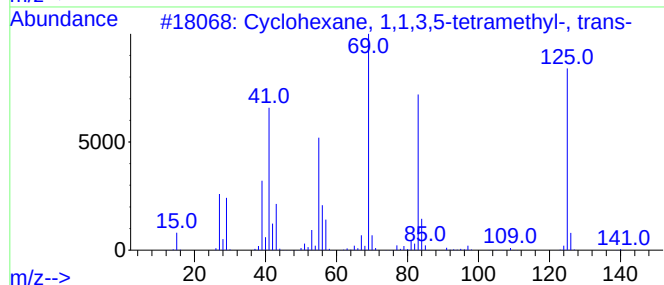
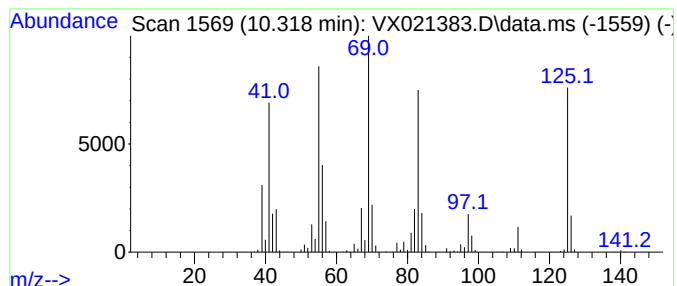
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Cyclohexane, 1,1,3,5-tetram... Concentration Rank 9

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 10.318 | 147.69 ug/l | 1126720 | Chlorobenzene-d5 | 10.094 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Cyclohexane, 1,1,3,5-tetramethyl... | 140 | C10H20  | 050876-31-8  | 64   |
| 2    |    |   | 3-Octene, 2,2-dimethyl-             | 140 | C10H20  | 086869-76-3  | 43   |
| 3    |    |   | 2,3-Dimethyl-3-heptene              | 126 | C9H18   | 1000113-49-3 | 30   |
| 4    |    |   | 1-Hexene, 3-methyl-                 | 98  | C7H14   | 003404-61-3  | 25   |
| 5    |    |   | cis-3-Nonene                        | 126 | C9H18   | 020237-46-1  | 25   |



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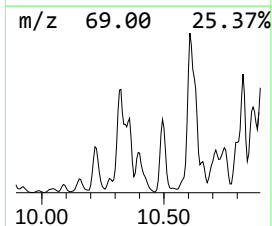
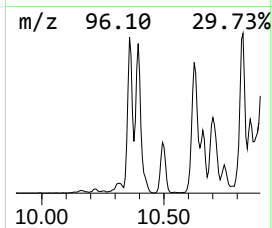
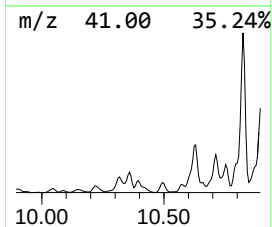
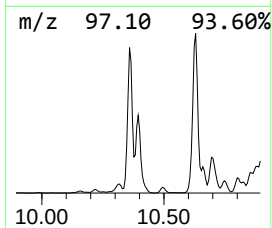
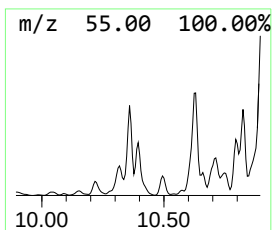
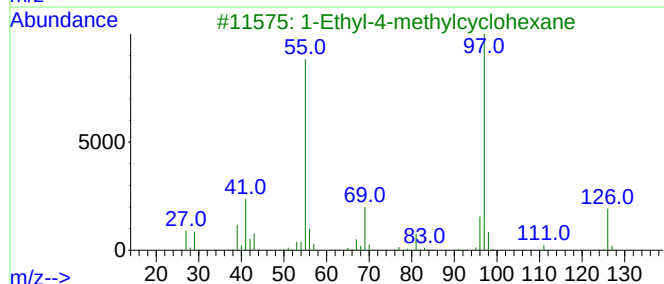
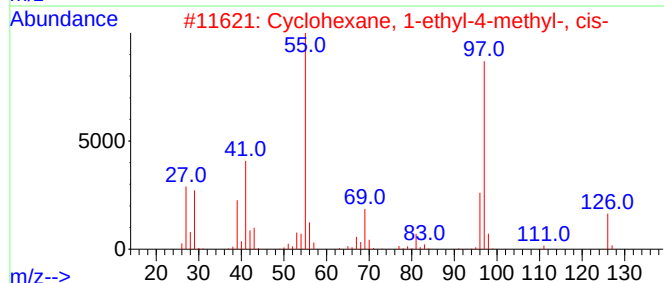
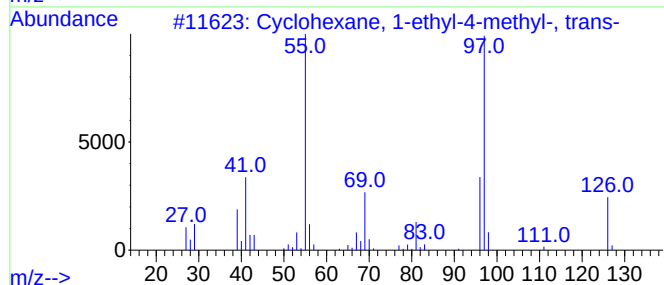
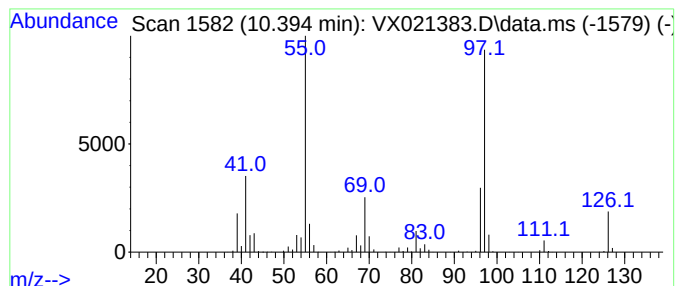
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031621W.M  
Quant Title : SW846 8260

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

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Peak Number 2 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 10

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 10.394 | 143.49 ug/l | 1094680 | Chlorobenzene-d5 | 10.094 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18   | 006236-88-0 | 95   |
| 2    |    |   | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18   | 004926-78-7 | 95   |
| 3    |    |   | 1-Ethyl-4-methylcyclohexane         | 126 | C9H18   | 003728-56-1 | 90   |
| 4    |    |   | cis-1-Ethyl-3-methyl-cyclohexane    | 126 | C9H18   | 019489-10-2 | 90   |
| 5    |    |   | 1-Ethyl-3-methylcyclohexane (c,t)   | 126 | C9H18   | 003728-55-0 | 90   |



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ClientSampleId :  
MW-5R(13-15FT)

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Quant Title : SW846 8260

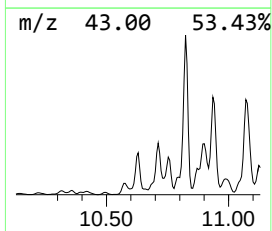
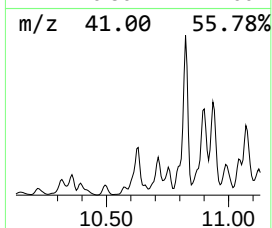
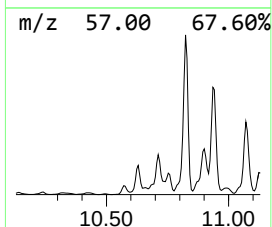
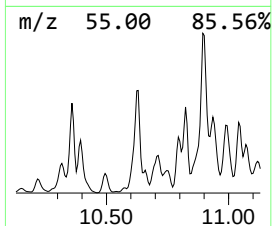
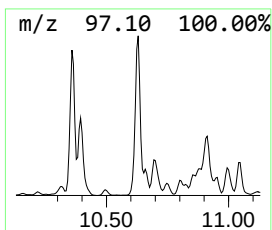
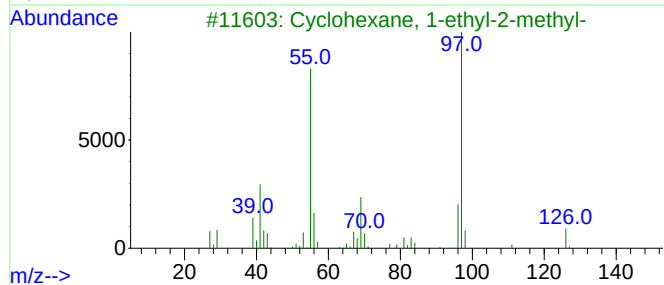
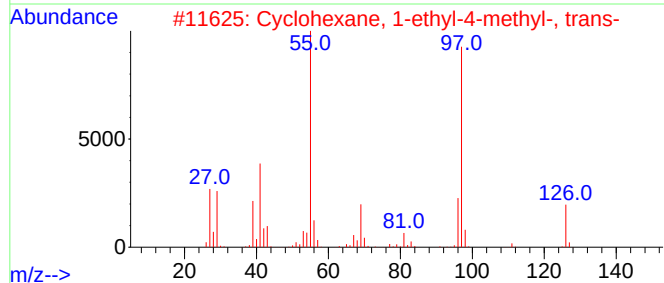
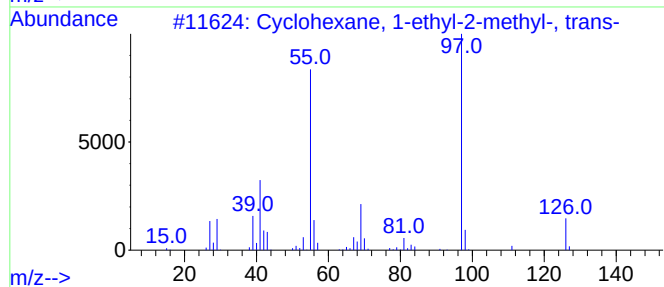
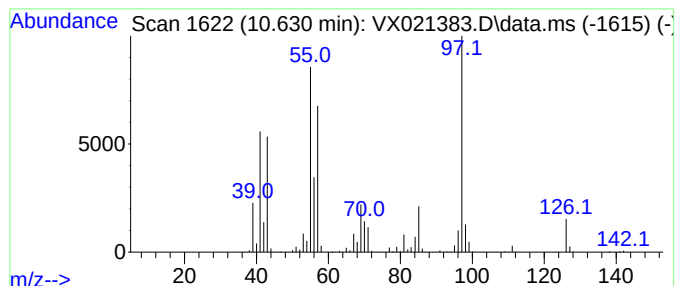
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 4

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 10.630 | 398.66 ug/l | 3041400 | Chlorobenzene-d5 | 10.094 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Cyclohexane, 1-ethyl-2-methyl-, ... | 126 | C9H18     | 004923-78-8  | 70   |
| 2    |    |   | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18     | 006236-88-0  | 64   |
| 3    |    |   | Cyclohexane, 1-ethyl-2-methyl-      | 126 | C9H18     | 003728-54-9  | 62   |
| 4    |    |   | Sulfurous acid, cyclohexylmethyl... | 416 | C24H48O3S | 1000309-22-5 | 53   |
| 5    |    |   | 4-Octen-3-one                       | 126 | C8H14O    | 014129-48-7  | 52   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032321\  
Data File : VX021383.D  
Acq On : 23 Mar 2021 14:26  
Operator : JC/MD  
Sample : M1701-02  
Misc : 5.56g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5R(13-15FT)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031621W.M  
Quant Title : SW846 8260

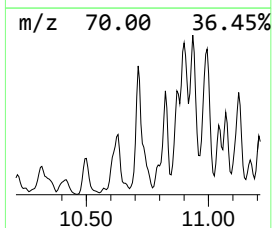
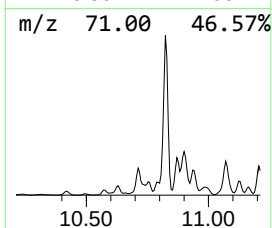
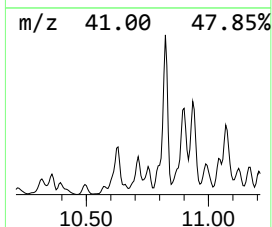
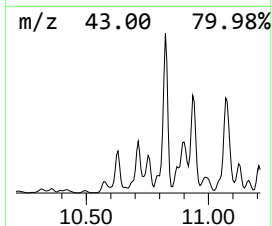
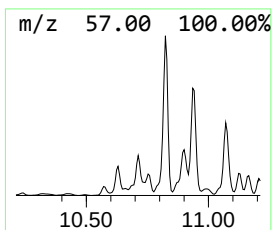
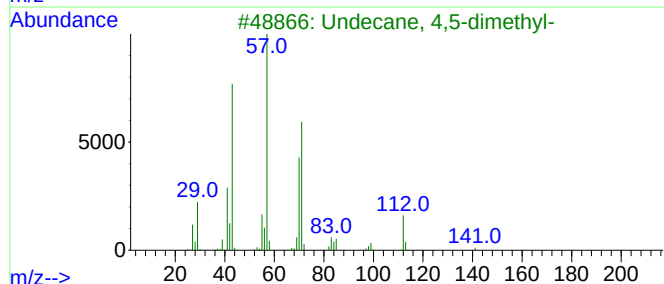
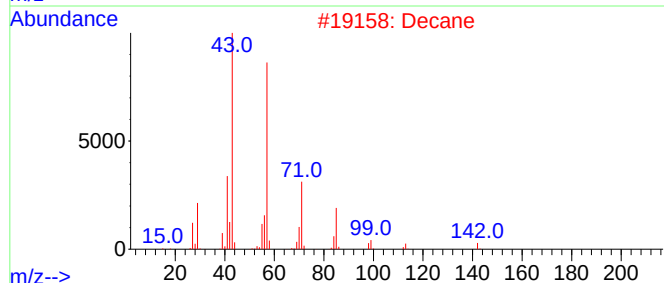
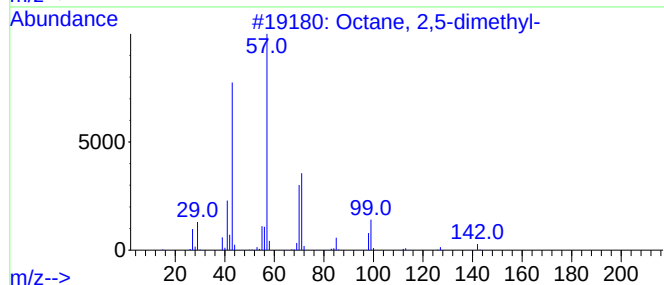
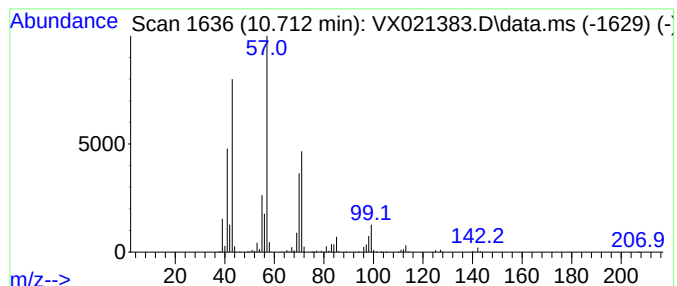
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Octane, 2,5-dimethyl- Concentration Rank 6

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 10.712 | 231.65 ug/l | 1767250 | Chlorobenzene-d5 | 10.094 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Octane, 2,5-dimethyl-     | 142 | C10H22  | 015869-89-3 | 86   |
| 2    |    |   | Decane                    | 142 | C10H22  | 000124-18-5 | 72   |
| 3    |    |   | Undecane, 4,5-dimethyl-   | 184 | C13H28  | 017312-79-7 | 72   |
| 4    |    |   | Octane, 3,5-dimethyl-     | 142 | C10H22  | 015869-93-9 | 72   |
| 5    |    |   | Decane, 6-ethyl-2-methyl- | 184 | C13H28  | 062108-21-8 | 59   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032321\  
Data File : VX021383.D  
Acq On : 23 Mar 2021 14:26  
Operator : JC/MD  
Sample : M1701-02  
Misc : 5.56g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5R(13-15FT)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031621W.M  
Quant Title : SW846 8260

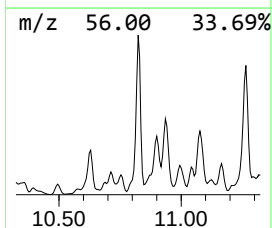
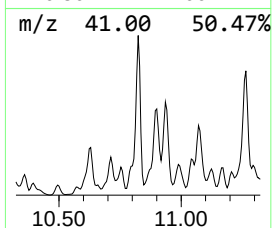
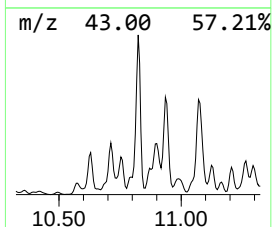
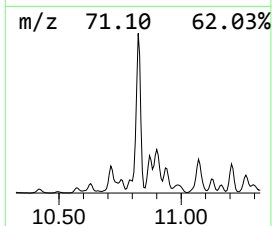
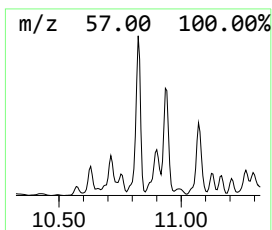
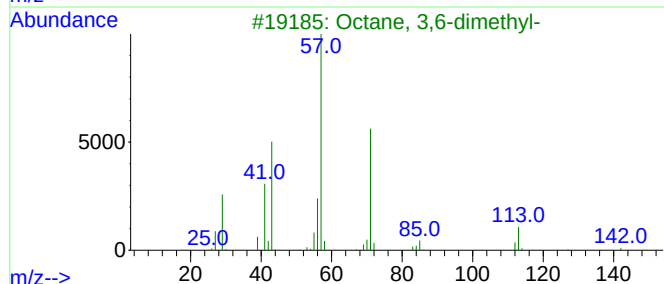
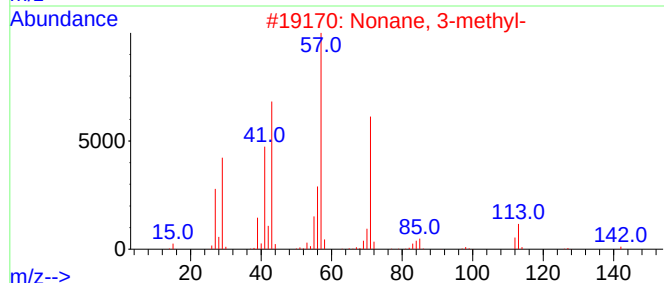
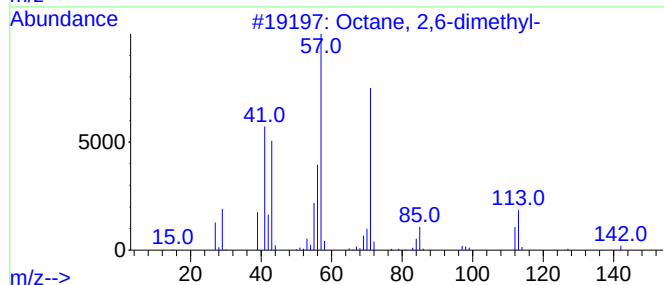
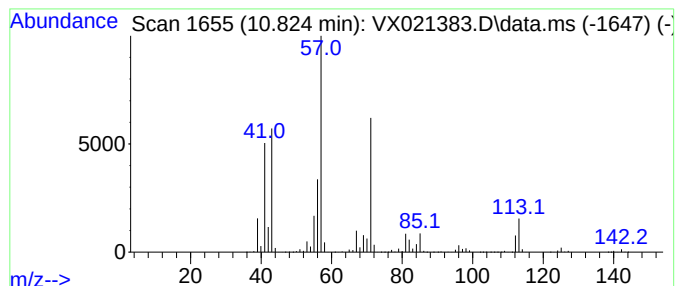
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 1

| R.T.   | EstConc      | Area    | Relative to ISTD | R.T.   |
|--------|--------------|---------|------------------|--------|
| 10.824 | 1007.89 ug/l | 7689220 | Chlorobenzene-d5 | 10.094 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Octane, 2,6-dimethyl- | 142 | C10H22  | 002051-30-1 | 94   |
| 2    |    |   | Nonane, 3-methyl-     | 142 | C10H22  | 005911-04-6 | 90   |
| 3    |    |   | Octane, 3,6-dimethyl- | 142 | C10H22  | 015869-94-0 | 90   |
| 4    |    |   | Oxirane, pentyl-      | 114 | C7H14O  | 005063-65-0 | 58   |
| 5    |    |   | Nonane, 3,7-dimethyl- | 156 | C11H24  | 017302-32-8 | 53   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032321\  
Data File : VX021383.D  
Acq On : 23 Mar 2021 14:26  
Operator : JC/MD  
Sample : M1701-02  
Misc : 5.56g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5R(13-15FT)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031621W.M  
Quant Title : SW846 8260

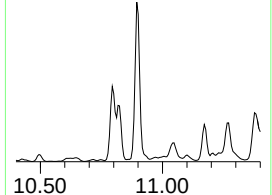
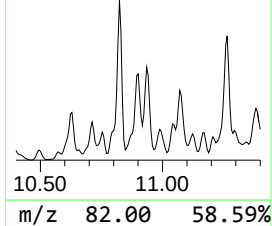
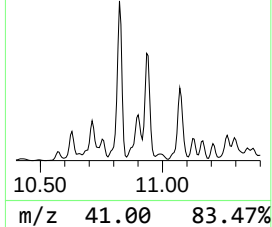
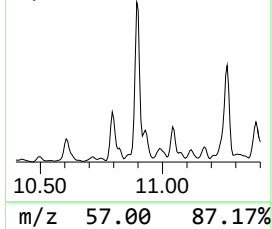
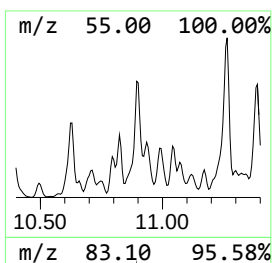
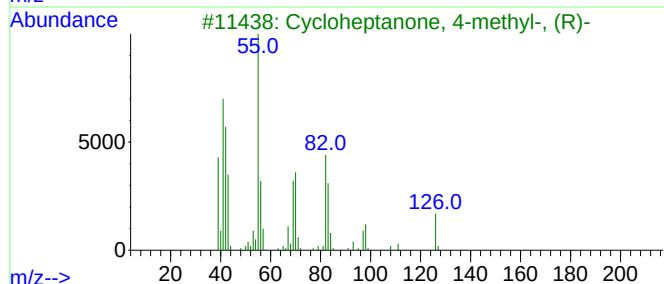
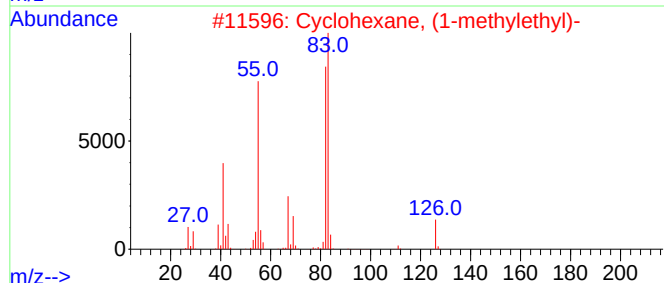
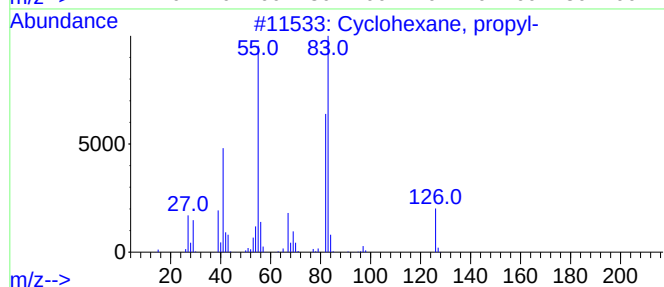
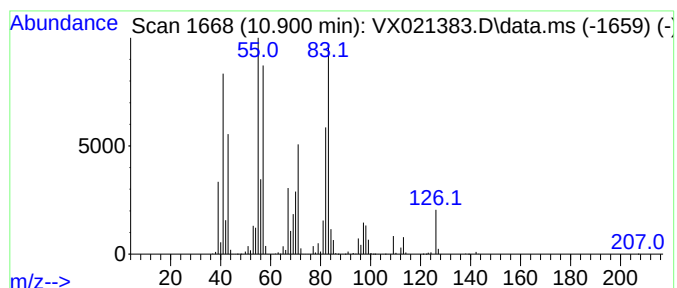
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Cyclohexane, propyl- Concentration Rank 2

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 10.900 | 725.78 ug/l | 5537030 | Chlorobenzene-d5 | 10.094 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, propyl-            | 126 | C9H18   | 001678-92-8 | 60   |
| 2    |    |   | Cyclohexane, (1-methylethyl)-   | 126 | C9H18   | 000696-29-7 | 53   |
| 3    |    |   | Cycloheptanone, 4-methyl-, (R)- | 126 | C8H14O  | 013609-59-1 | 38   |
| 4    |    |   | cis-4-Nonene                    | 126 | C9H18   | 010405-84-2 | 35   |
| 5    |    |   | 4-Nonene                        | 126 | C9H18   | 002198-23-4 | 35   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032321\  
Data File : VX021383.D  
Acq On : 23 Mar 2021 14:26  
Operator : JC/MD  
Sample : M1701-02  
Misc : 5.56g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5R(13-15FT)

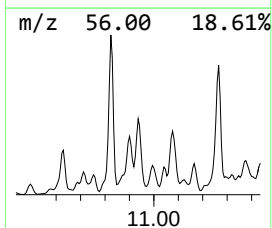
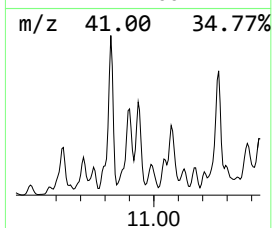
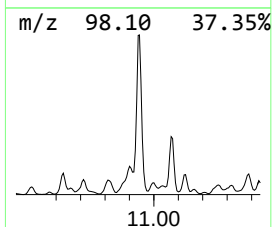
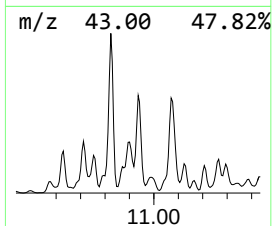
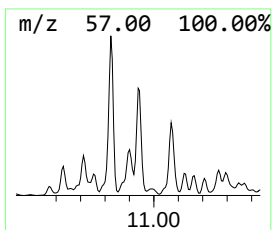
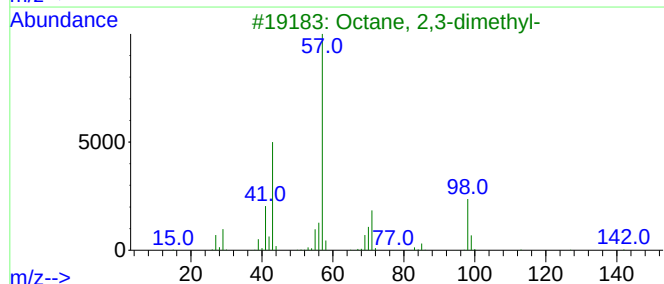
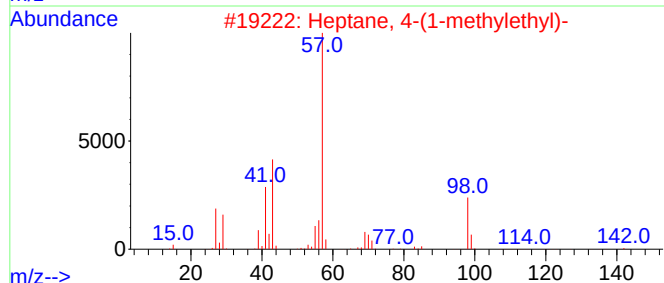
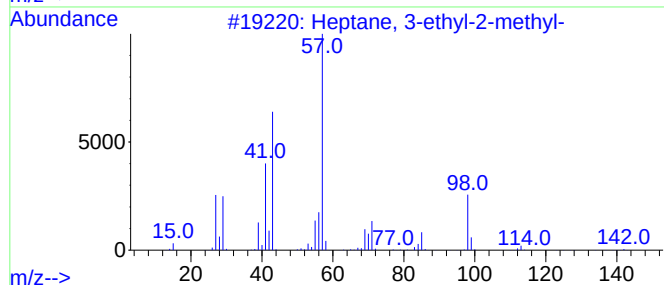
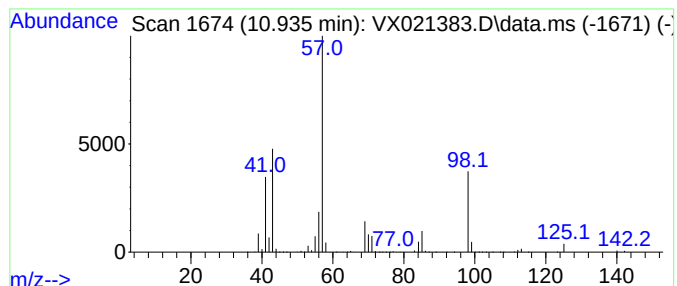
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Quant Title : SW846 8260

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

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Peak Number 7 Heptane, 3-ethyl-2-methyl- Concentration Rank 3

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 10.935 | 523.36 ug/l | 3992690 | Chlorobenzene-d5 | 10.094 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptane, 3-ethyl-2-methyl-    | 142 | C10H22  | 014676-29-0 | 74   |
| 2    |    |   | Heptane, 4-(1-methylethyl)-   | 142 | C10H22  | 052896-87-4 | 53   |
| 3    |    |   | Octane, 2,3-dimethyl-         | 142 | C10H22  | 007146-60-3 | 43   |
| 4    |    |   | Hexane, 3-ethyl-2,5-dimethyl- | 142 | C10H22  | 052897-04-8 | 43   |
| 5    |    |   | Heptane, 4-propyl-            | 142 | C10H22  | 003178-29-8 | 42   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032321\  
Data File : VX021383.D  
Acq On : 23 Mar 2021 14:26  
Operator : JC/MD  
Sample : M1701-02  
Misc : 5.56g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5R(13-15FT)

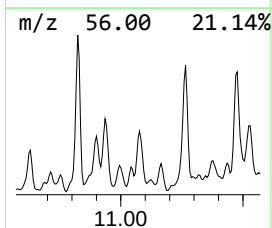
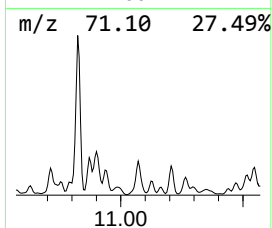
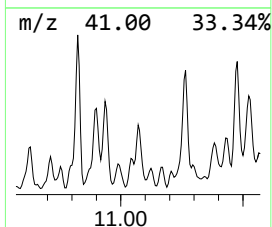
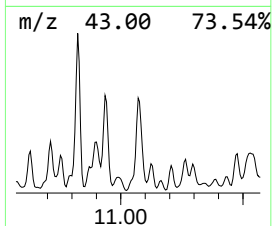
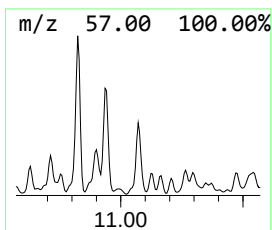
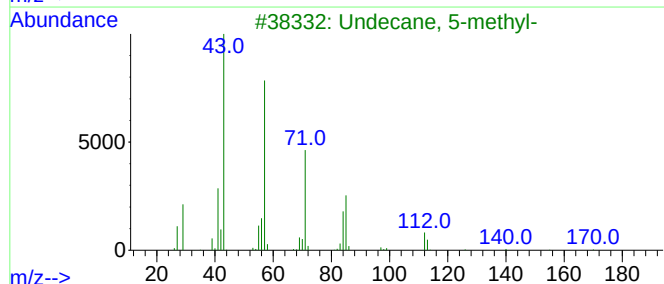
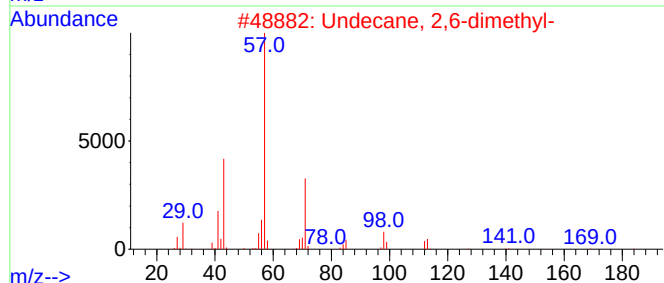
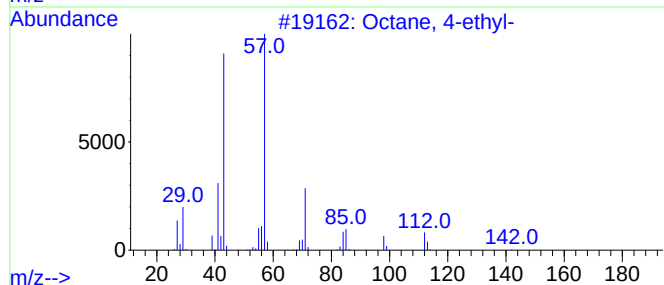
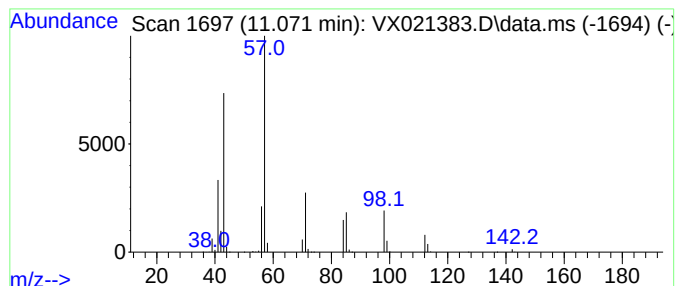
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Quant Title : SW846 8260

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

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Peak Number 8 Octane, 4-ethyl- Concentration Rank 5

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 11.071 | 344.80 ug/l | 2630480 | Chlorobenzene-d5 | 10.094 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Octane, 4-ethyl-        | 142 | C10H22  | 015869-86-0 | 59   |
| 2    |    |   | Undecane, 2,6-dimethyl- | 184 | C13H28  | 017301-23-4 | 53   |
| 3    |    |   | Undecane, 5-methyl-     | 170 | C12H26  | 001632-70-8 | 47   |
| 4    |    |   | Decane, 5-methyl-       | 156 | C11H24  | 013151-35-4 | 47   |
| 5    |    |   | Butane, 2,2-dimethyl-   | 86  | C6H14   | 000075-83-2 | 47   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032321\  
Data File : VX021383.D  
Acq On : 23 Mar 2021 14:26  
Operator : JC/MD  
Sample : M1701-02  
Misc : 5.56g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5R(13-15FT)

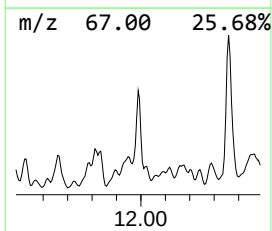
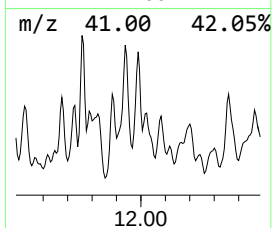
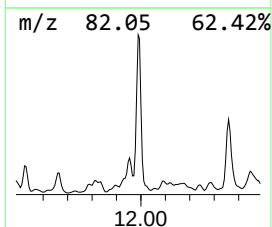
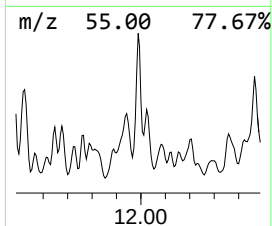
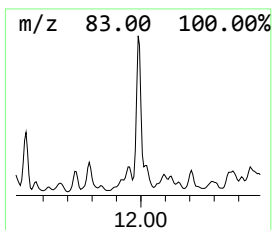
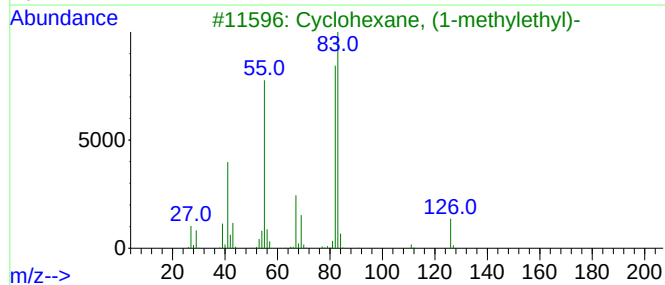
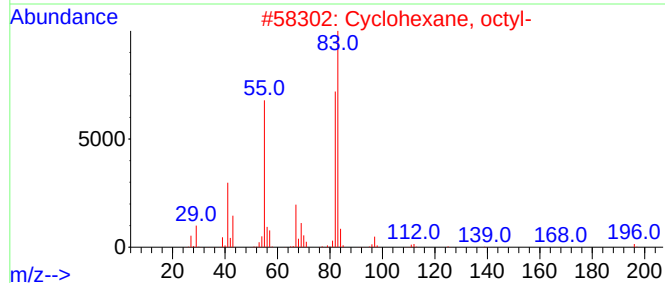
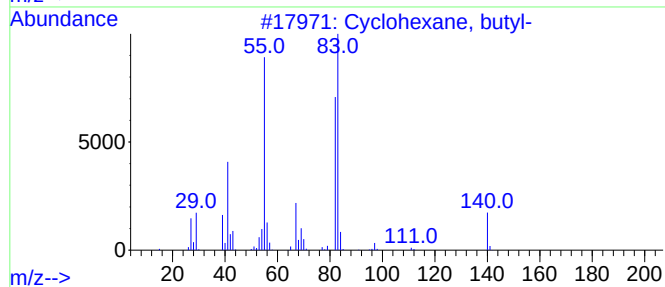
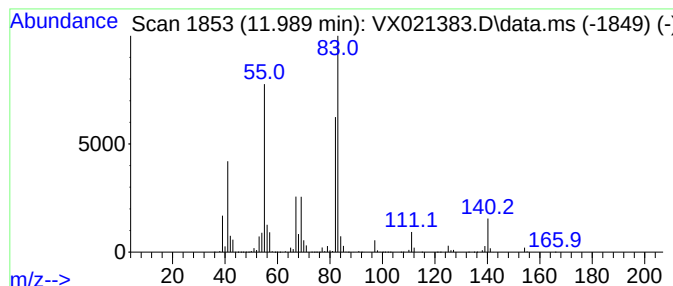
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031621W.M  
Quant Title : SW846 8260

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

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Peak Number 9 Cyclohexane, butyl- Concentration Rank 7

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 11.989 | 160.62 ug/l | 8254760 | 1,4-Dichlorobenzene-d4 | 12.071 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, butyl-           | 140 | C10H20  | 001678-93-9 | 93   |
| 2    |    |   | Cyclohexane, octyl-           | 196 | C14H28  | 001795-15-9 | 78   |
| 3    |    |   | Cyclohexane, (1-methylethyl)- | 126 | C9H18   | 000696-29-7 | 74   |
| 4    |    |   | Cyclohexane, pentyl-          | 154 | C11H22  | 004292-92-6 | 72   |
| 5    |    |   | Cyclohexane, decyl-           | 224 | C16H32  | 001795-16-0 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032321\  
Data File : VX021383.D  
Acq On : 23 Mar 2021 14:26  
Operator : JC/MD  
Sample : M1701-02  
Misc : 5.56g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5R(13-15FT)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031621W.M  
Quant Title : SW846 8260

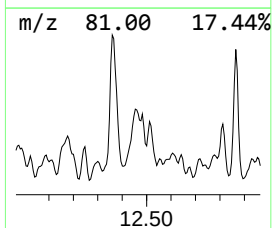
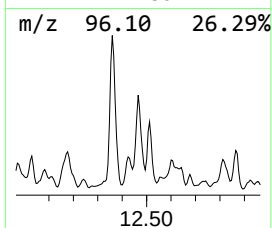
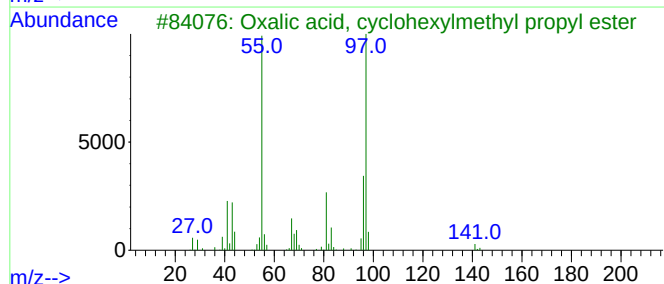
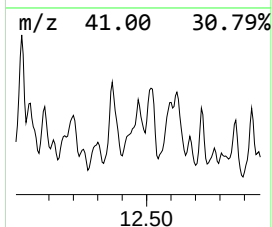
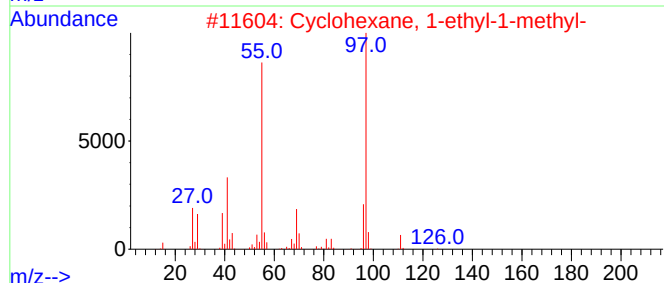
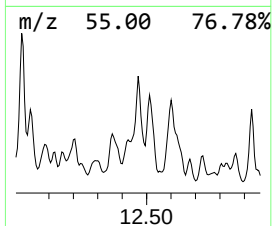
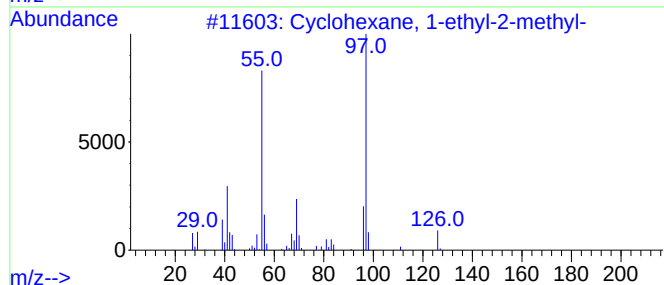
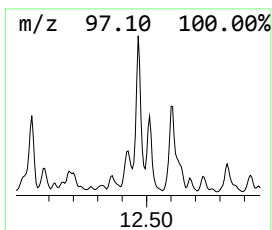
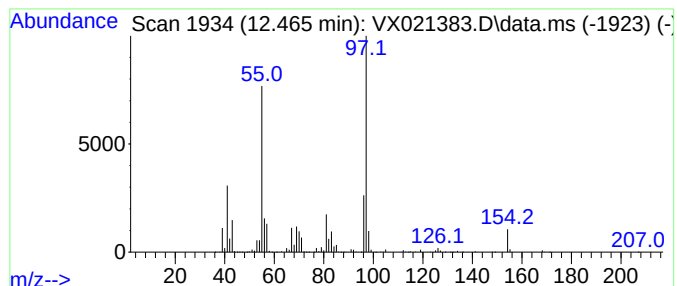
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.465 | 154.67 ug/l | 7949330 | 1,4-Dichlorobenzene-d4 | 12.071 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Cyclohexane, 1-ethyl-2-methyl-      | 126 | C9H18    | 003728-54-9  | 72   |
| 2    |    |   | Cyclohexane, 1-ethyl-1-methyl-      | 126 | C9H18    | 004926-90-3  | 72   |
| 3    |    |   | Oxalic acid, cyclohexylmethyl pr... | 228 | C12H20O4 | 1000309-68-1 | 72   |
| 4    |    |   | Cyclohexane, 1-methyl-3-pentyl-     | 168 | C12H24   | 054411-02-8  | 64   |
| 5    |    |   | Cyclopentane, 1-hydroxymethyl-1,... | 128 | C8H16O   | 1000156-73-8 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032321\  
Data File : VX021383.D  
Acq On : 23 Mar 2021 14:26  
Operator : JC/MD  
Sample : M1701-02  
Misc : 5.56g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5R(13-15FT)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031621W.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 |
| Cyclohexane, 1,... | 10.318 | 147.7   | ug/l  | 1126720  | 3                     | 10.094 | 381451  | 50.0 |
| Cyclohexane, 1-... | 10.394 | 143.5   | ug/l  | 1094680  | 3                     | 10.094 | 381451  | 50.0 |
| Cyclohexane, 1-... | 10.630 | 398.7   | ug/l  | 3041400  | 3                     | 10.094 | 381451  | 50.0 |
| Octane, 2,5-dim... | 10.712 | 231.7   | ug/l  | 1767250  | 3                     | 10.094 | 381451  | 50.0 |
| Octane, 2,6-dim... | 10.824 | 1007.9  | ug/l  | 7689220  | 3                     | 10.094 | 381451  | 50.0 |
| Cyclohexane, pr... | 10.900 | 725.8   | ug/l  | 5537030  | 3                     | 10.094 | 381451  | 50.0 |
| Heptane, 3-ethy... | 10.935 | 523.4   | ug/l  | 3992690  | 3                     | 10.094 | 381451  | 50.0 |
| Octane, 4-ethyl-   | 11.071 | 344.8   | ug/l  | 2630480  | 3                     | 10.094 | 381451  | 50.0 |
| Cyclohexane, bu... | 11.989 | 160.6   | ug/l  | 8254760  | 4                     | 12.071 | 2569730 | 50.0 |
| Cyclohexane, 1-... | 12.465 | 154.7   | ug/l  | 7949330  | 4                     | 12.071 | 2569730 | 50.0 |