

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\  
 Data File : VX010846.D  
 Acq On : 12 Jul 2019 19:10  
 Operator : JC/SP  
 Sample : K3786-11  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FL-0599

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M

Title : SW846 8260

Signal : TIC

| 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         | 1.306       | 22            | 25          | 36           | rVB2     | 27410          | 78543         | 1.73%           | 0.190%        |
| 2         | 2.392       | 195           | 203         | 210          | rBV      | 35636          | 72894         | 1.61%           | 0.176%        |
| 3         | 2.849       | 269           | 278         | 280          | rBV      | 57937          | 118997        | 2.63%           | 0.288%        |
| 4         | 2.891       | 280           | 285         | 298          | rVB      | 190366         | 401237        | 8.85%           | 0.971%        |
| 5         | 3.172       | 322           | 331         | 344          | rBV      | 184370         | 430094        | 9.49%           | 1.041%        |
| 6         | 3.525       | 379           | 389         | 401          | rBV      | 129844         | 297373        | 6.56%           | 0.720%        |
| 7         | 4.312       | 506           | 518         | 524          | rBV3     | 23743          | 69582         | 1.54%           | 0.168%        |
| 8         | 4.403       | 524           | 533         | 547          | rVB2     | 190757         | 561282        | 12.39%          | 1.358%        |
| 9         | 5.501       | 696           | 713         | 719          | rBV      | 119898         | 345316        | 7.62%           | 0.836%        |
| 10        | 5.586       | 719           | 727         | 733          | rVV4     | 131791         | 415400        | 9.17%           | 1.005%        |
| 11        | 5.659       | 734           | 739         | 746          | rVB      | 150910         | 367026        | 8.10%           | 0.888%        |
| 12        | 5.934       | 771           | 784         | 796          | rBV3     | 104442         | 340482        | 7.51%           | 0.824%        |
| 13        | 6.062       | 796           | 805         | 818          | rVB      | 116631         | 303043        | 6.69%           | 0.733%        |
| 14        | 6.263       | 828           | 838         | 844          | rBV3     | 48558          | 159769        | 3.53%           | 0.387%        |
| 15        | 6.348       | 844           | 852         | 862          | rVV      | 206534         | 634395        | 14.00%          | 1.535%        |
| 16        | 6.458       | 862           | 870         | 885          | rVB      | 77221          | 219209        | 4.84%           | 0.530%        |
| 17        | 6.708       | 900           | 911         | 921          | rBV2     | 45479          | 114099        | 2.52%           | 0.276%        |
| 18        | 6.860       | 926           | 936         | 945          | rBV      | 298243         | 711602        | 15.70%          | 1.722%        |
| 19        | 7.464       | 1024          | 1035        | 1045         | rBV      | 525521         | 1203455       | 26.56%          | 2.912%        |
| 20        | 7.574       | 1046          | 1053        | 1058         | rBV      | 28434          | 57179         | 1.26%           | 0.138%        |
| 21        | 7.634       | 1058          | 1063        | 1068         | rBV2     | 34564          | 72283         | 1.60%           | 0.175%        |
| 22        | 7.732       | 1074          | 1079        | 1088         | rVB2     | 57962          | 114609        | 2.53%           | 0.277%        |
| 23        | 7.848       | 1088          | 1098        | 1107         | rVB2     | 40835          | 89296         | 1.97%           | 0.216%        |
| 24        | 8.055       | 1121          | 1132        | 1141         | rVB      | 226833         | 495962        | 10.95%          | 1.200%        |
| 25        | 8.177       | 1143          | 1152        | 1160         | rBV      | 283840         | 549980        | 12.14%          | 1.331%        |
| 26        | 8.256       | 1160          | 1165        | 1169         | rBV      | 40211          | 66946         | 1.48%           | 0.162%        |
| 27        | 8.384       | 1182          | 1186        | 1192         | rVB2     | 35778          | 66349         | 1.46%           | 0.161%        |
| 28        | 8.500       | 1201          | 1205        | 1208         | rBV2     | 39611          | 61463         | 1.36%           | 0.149%        |
| 29        | 8.665       | 1224          | 1232        | 1235         | rBV3     | 154502         | 285555        | 6.30%           | 0.691%        |
| 30        | 8.714       | 1235          | 1240        | 1253         | rVV      | 677163         | 1117130       | 24.65%          | 2.703%        |
| 31        | 8.835       | 1254          | 1260        | 1265         | rVV      | 69947          | 124129        | 2.74%           | 0.300%        |
| 32        | 8.909       | 1269          | 1272        | 1279         | rVB2     | 39160          | 60334         | 1.33%           | 0.146%        |
| 33        | 9.037       | 1288          | 1293        | 1301         | rVB      | 145948         | 238592        | 5.27%           | 0.577%        |
| 34        | 9.165       | 1305          | 1314        | 1319         | rBV      | 71785          | 117014        | 2.58%           | 0.283%        |

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 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FL-0599

## Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
 Title : SW846 8260

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 9.573  | 1374 | 1381 | 1385 | rBV4 | 67591   | 125081  | 2.76%   | 0.303%  |
| 36 | 9.622  | 1385 | 1389 | 1393 | rVB  | 138876  | 187102  | 4.13%   | 0.453%  |
| 37 | 9.677  | 1393 | 1398 | 1402 | rBV  | 184630  | 275749  | 6.09%   | 0.667%  |
| 38 | 9.890  | 1426 | 1433 | 1441 | rBV4 | 51009   | 107358  | 2.37%   | 0.260%  |
| 39 | 10.110 | 1464 | 1469 | 1475 | rBV  | 639089  | 835693  | 18.44%  | 2.022%  |
| 40 | 10.183 | 1475 | 1481 | 1486 | rVB  | 61493   | 99976   | 2.21%   | 0.242%  |
| 41 | 10.250 | 1486 | 1492 | 1497 | rVB  | 138408  | 203490  | 4.49%   | 0.492%  |
| 42 | 10.360 | 1501 | 1510 | 1515 | rBV  | 353772  | 610019  | 13.46%  | 1.476%  |
| 43 | 10.408 | 1515 | 1518 | 1531 | rVB4 | 35425   | 71926   | 1.59%   | 0.174%  |
| 44 | 10.640 | 1545 | 1556 | 1562 | rBV2 | 73714   | 172475  | 3.81%   | 0.417%  |
| 45 | 10.695 | 1562 | 1565 | 1576 | rVB  | 151878  | 226345  | 5.00%   | 0.548%  |
| 46 | 10.835 | 1585 | 1588 | 1593 | rVB  | 70172   | 90756   | 2.00%   | 0.220%  |
| 47 | 10.914 | 1595 | 1601 | 1612 | rBV4 | 59425   | 110967  | 2.45%   | 0.269%  |
| 48 | 11.018 | 1612 | 1618 | 1622 | rBV  | 343531  | 438755  | 9.68%   | 1.062%  |
| 49 | 11.134 | 1631 | 1637 | 1642 | rBV  | 549852  | 703281  | 15.52%  | 1.702%  |
| 50 | 11.274 | 1656 | 1660 | 1666 | rVB2 | 55019   | 77660   | 1.71%   | 0.188%  |
| 51 | 11.359 | 1668 | 1674 | 1681 | rBV  | 519146  | 639406  | 14.11%  | 1.547%  |
| 52 | 11.433 | 1681 | 1686 | 1688 | rBV  | 1753315 | 2295632 | 50.66%  | 5.555%  |
| 53 | 11.506 | 1693 | 1698 | 1706 | rVB  | 1415025 | 1709066 | 37.72%  | 4.136%  |
| 54 | 11.664 | 1719 | 1724 | 1732 | rVB  | 1621665 | 2015917 | 44.49%  | 4.878%  |
| 55 | 11.804 | 1742 | 1747 | 1752 | rVB  | 3864665 | 4531237 | 100.00% | 10.965% |
| 56 | 11.920 | 1759 | 1766 | 1767 | rBV  | 53899   | 75848   | 1.67%   | 0.184%  |
| 57 | 11.945 | 1767 | 1770 | 1775 | rVB  | 134571  | 167967  | 3.71%   | 0.406%  |
| 58 | 12.024 | 1775 | 1783 | 1786 | rBV  | 294975  | 368591  | 8.13%   | 0.892%  |
| 59 | 12.073 | 1786 | 1791 | 1797 | rVB2 | 731231  | 1055395 | 23.29%  | 2.554%  |
| 60 | 12.140 | 1797 | 1802 | 1807 | rBV  | 1924834 | 2290437 | 50.55%  | 5.543%  |
| 61 | 12.231 | 1812 | 1817 | 1821 | rVB  | 68820   | 86686   | 1.91%   | 0.210%  |
| 62 | 12.298 | 1823 | 1828 | 1830 | rBV2 | 354382  | 471910  | 10.41%  | 1.142%  |
| 63 | 12.323 | 1830 | 1832 | 1835 | rVV  | 379305  | 377857  | 8.34%   | 0.914%  |
| 64 | 12.371 | 1835 | 1840 | 1848 | rVB3 | 629668  | 929131  | 20.51%  | 2.248%  |
| 65 | 12.457 | 1849 | 1854 | 1859 | rBV  | 152468  | 191688  | 4.23%   | 0.464%  |
| 66 | 12.518 | 1859 | 1864 | 1870 | rVB  | 415447  | 504662  | 11.14%  | 1.221%  |
| 67 | 12.585 | 1870 | 1875 | 1877 | rBV  | 390242  | 525062  | 11.59%  | 1.271%  |
| 68 | 12.609 | 1877 | 1879 | 1883 | rVB  | 460424  | 458109  | 10.11%  | 1.109%  |
| 69 | 12.664 | 1883 | 1888 | 1892 | rBV  | 512602  | 612777  | 13.52%  | 1.483%  |
| 70 | 12.701 | 1892 | 1894 | 1898 | rVB  | 98444   | 104531  | 2.31%   | 0.253%  |
| 71 | 12.756 | 1898 | 1903 | 1911 | rBV4 | 294217  | 605267  | 13.36%  | 1.465%  |

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 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FL-0599

## Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
 Title : SW846 8260

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 12.847 | 1914 | 1918 | 1922 | rBV2 | 60708  | 84421   | 1.86%  | 0.204% |
| 73  | 12.902 | 1922 | 1927 | 1932 | rVB2 | 330298 | 435321  | 9.61%  | 1.053% |
| 74  | 12.975 | 1932 | 1939 | 1942 | rBV  | 331688 | 439610  | 9.70%  | 1.064% |
| 75  | 13.018 | 1942 | 1946 | 1952 | rVB  | 536298 | 653228  | 14.42% | 1.581% |
| 76  | 13.079 | 1952 | 1956 | 1961 | rBV3 | 84076  | 167641  | 3.70%  | 0.406% |
| 77  | 13.194 | 1971 | 1975 | 1977 | rBV2 | 86919  | 115248  | 2.54%  | 0.279% |
| 78  | 13.219 | 1977 | 1979 | 1983 | rVB2 | 98891  | 116898  | 2.58%  | 0.283% |
| 79  | 13.262 | 1983 | 1986 | 1990 | rVB2 | 47597  | 62326   | 1.38%  | 0.151% |
| 80  | 13.304 | 1990 | 1993 | 1995 | rBV2 | 93303  | 116202  | 2.56%  | 0.281% |
| 81  | 13.341 | 1995 | 1999 | 2005 | rVB2 | 820756 | 1089982 | 24.05% | 2.638% |
| 82  | 13.475 | 2015 | 2021 | 2030 | rVB  | 307118 | 445894  | 9.84%  | 1.079% |
| 83  | 13.560 | 2030 | 2035 | 2038 | rBV4 | 51233  | 77308   | 1.71%  | 0.187% |
| 84  | 13.597 | 2038 | 2041 | 2044 | rBV  | 46761  | 55076   | 1.22%  | 0.133% |
| 85  | 13.640 | 2044 | 2048 | 2053 | rBV3 | 123353 | 230456  | 5.09%  | 0.558% |
| 86  | 13.719 | 2059 | 2061 | 2067 | rVB2 | 116082 | 172115  | 3.80%  | 0.417% |
| 87  | 13.810 | 2072 | 2076 | 2077 | rVV  | 45209  | 58235   | 1.29%  | 0.141% |
| 88  | 13.835 | 2077 | 2080 | 2087 | rVB2 | 127630 | 222638  | 4.91%  | 0.539% |
| 89  | 13.908 | 2087 | 2092 | 2097 | rVB3 | 81802  | 129067  | 2.85%  | 0.312% |
| 90  | 13.981 | 2097 | 2104 | 2109 | rBV2 | 113731 | 196365  | 4.33%  | 0.475% |
| 91  | 14.133 | 2124 | 2129 | 2132 | rBV3 | 42694  | 67145   | 1.48%  | 0.162% |
| 92  | 14.286 | 2146 | 2154 | 2160 | rVB4 | 135968 | 271676  | 6.00%  | 0.657% |
| 93  | 14.377 | 2165 | 2169 | 2174 | rVV  | 46513  | 65548   | 1.45%  | 0.159% |
| 94  | 14.426 | 2174 | 2177 | 2181 | rVB2 | 44535  | 56501   | 1.25%  | 0.137% |
| 95  | 14.536 | 2190 | 2195 | 2204 | rBV2 | 128136 | 182945  | 4.04%  | 0.443% |
| 96  | 14.694 | 2214 | 2221 | 2225 | rBV  | 368023 | 492026  | 10.86% | 1.191% |
| 97  | 14.834 | 2239 | 2244 | 2249 | rBV  | 282666 | 370172  | 8.17%  | 0.896% |
| 98  | 15.548 | 2354 | 2361 | 2366 | rBV  | 47898  | 80414   | 1.77%  | 0.195% |
| 99  | 15.682 | 2377 | 2383 | 2387 | rBV  | 54042  | 93073   | 2.05%  | 0.225% |
| 100 | 15.725 | 2387 | 2390 | 2397 | rVB  | 40758  | 61833   | 1.36%  | 0.150% |

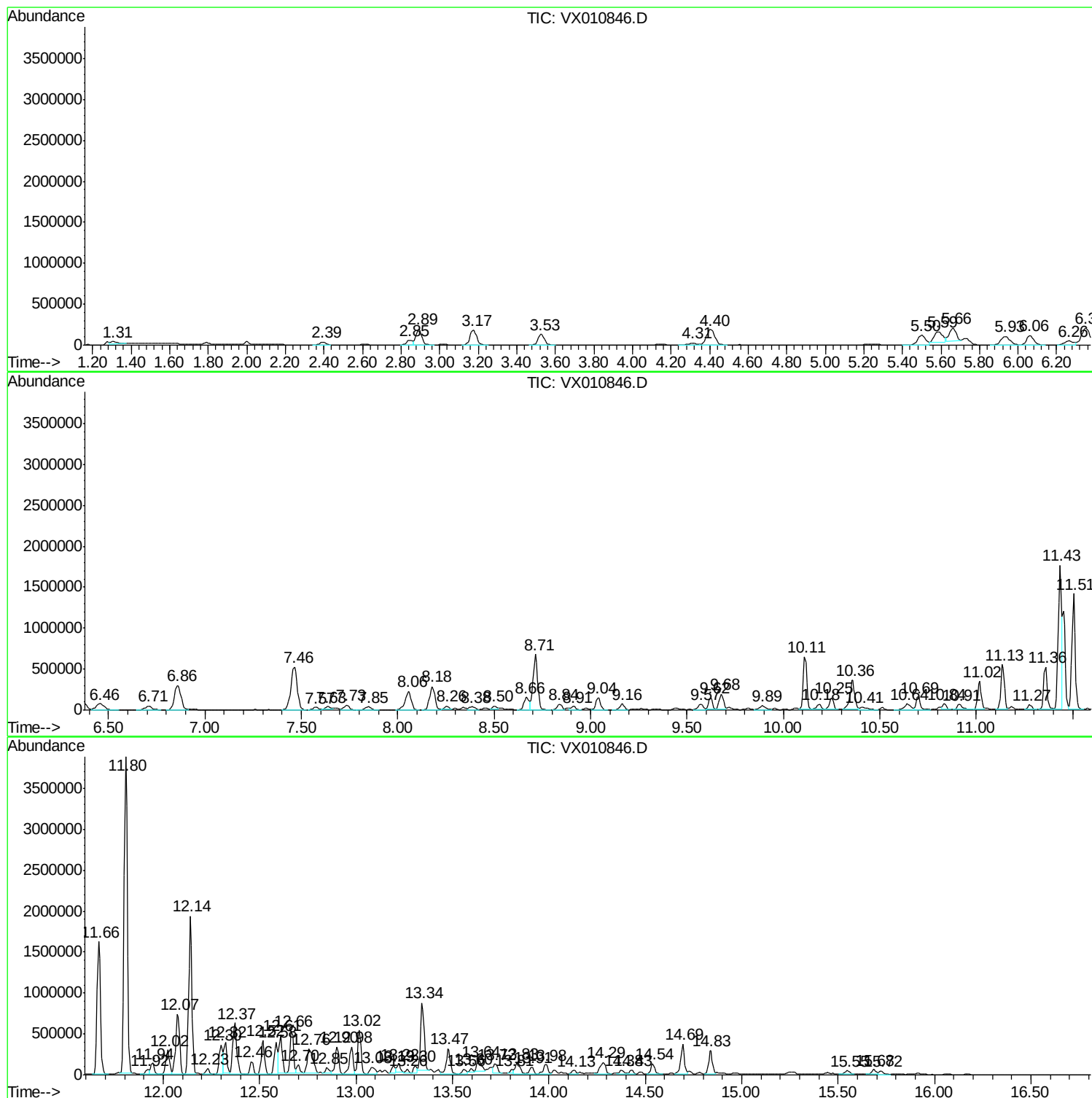
Sum of corrected areas: 41323792

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Instrument :  
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ClientSampleId :  
FL-0599

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260

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



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Operator : JC/SP  
Sample : K3786-11  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
FL-0599

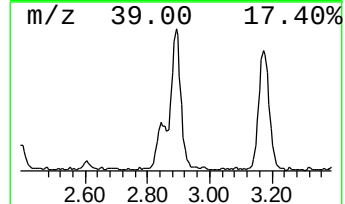
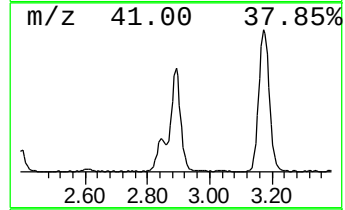
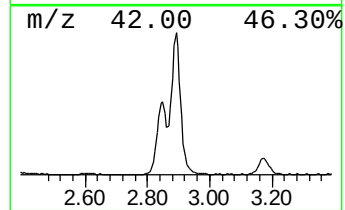
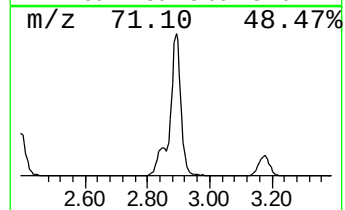
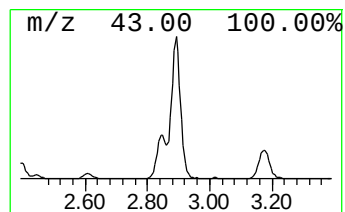
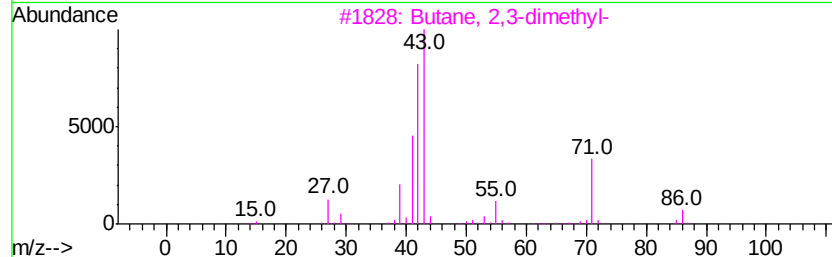
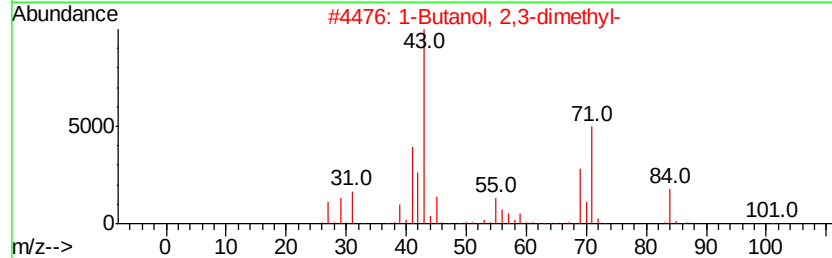
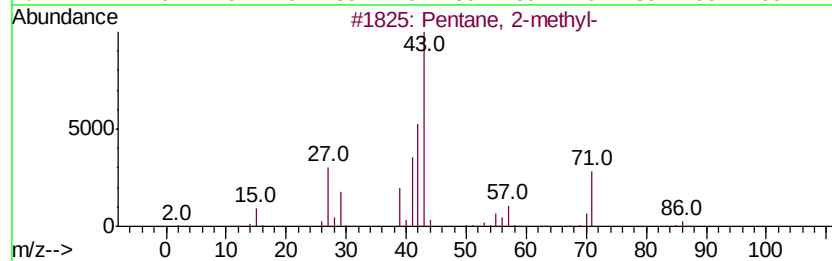
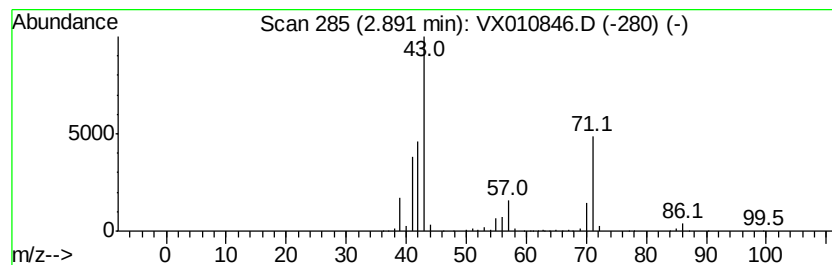
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260

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

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Peak Number 1 Pentane, 2-methyl- Concentration Rank 6

| R.T. | EstConc    | Area   | Relative to ISTD   | R.T. |
|------|------------|--------|--------------------|------|
| 2.89 | 54.66 ug/l | 401237 | Pentafluorobenzene | 5.66 |

| Hit# | of | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------|-----|---------|-------------|------|
| 1    | 5  | Pentane, 2-methyl-       | 86  | C6H14   | 000107-83-5 | 90   |
| 2    |    | 1-Butanol, 2,3-dimethyl- | 102 | C6H14O  | 019550-30-2 | 45   |
| 3    |    | Butane, 2,3-dimethyl-    | 86  | C6H14   | 000079-29-8 | 43   |
| 4    |    | Hexane, 2,3-dimethyl-    | 114 | C8H18   | 000584-94-1 | 38   |
| 5    |    | Pentane                  | 72  | C5H12   | 000109-66-0 | 37   |



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Instrument :  
MSVOA\_X  
ClientSampled :  
FL-0599

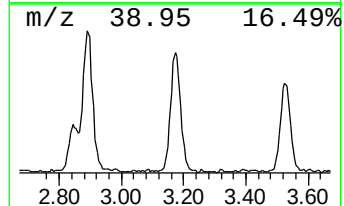
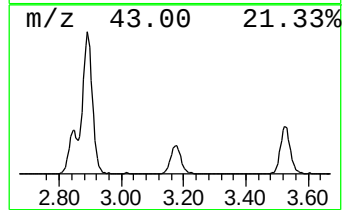
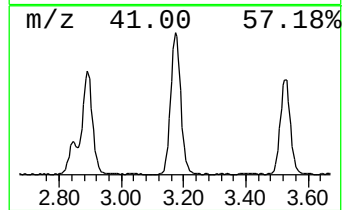
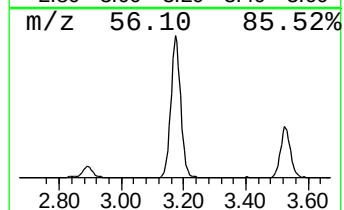
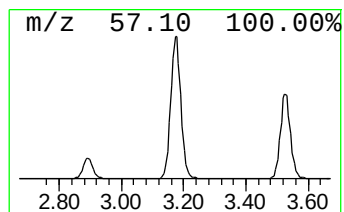
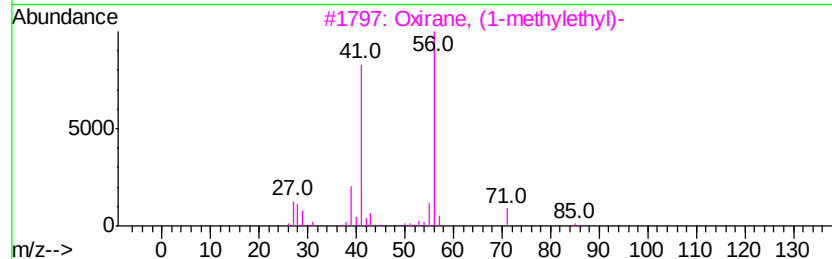
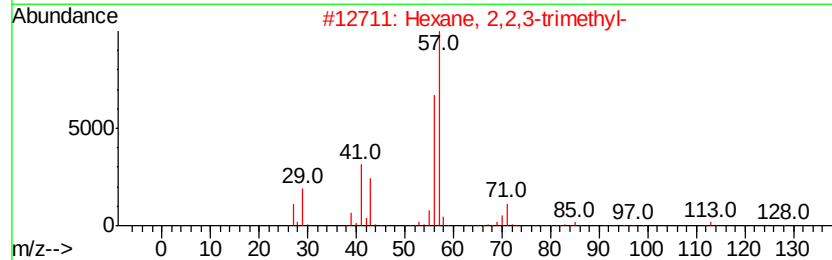
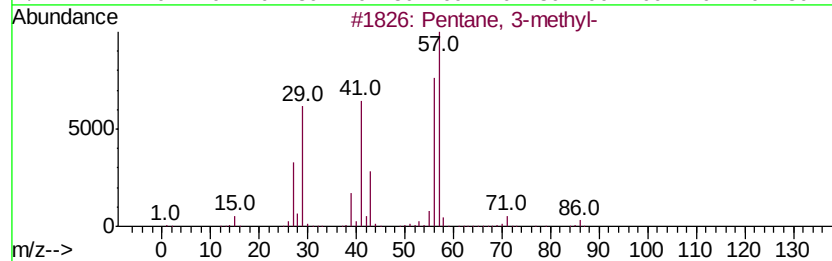
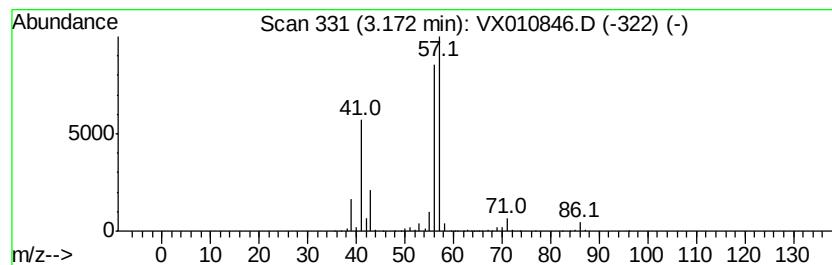
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260

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

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Peak Number 2 Pentane, 3-methyl- Concentration Rank 5

| R.T. | EstConc    | Area   | Relative to ISTD   | R.T. |
|------|------------|--------|--------------------|------|
| 3.17 | 58.59 ug/l | 430094 | Pentafluorobenzene | 5.66 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Pentane, 3-methyl-             | 86  | C6H14   | 000096-14-0 | 91   |
| 2    |    | Hexane, 2,2,3-trimethyl-       | 128 | C9H20   | 016747-25-4 | 64   |
| 3    |    | Oxirane, (1-methylethyl)-      | 86  | C5H10O  | 001438-14-8 | 45   |
| 4    |    | Pentane, 2,2,4,4-tetramethyl-  | 128 | C9H20   | 001070-87-7 | 45   |
| 5    |    | Pentane, 3-ethyl-2,2-dimethyl- | 128 | C9H20   | 016747-32-3 | 43   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071219\  
Data File : VX010846.D  
Acq On : 12 Jul 2019 19:10  
Operator : JC/SP  
Sample : K3786-11  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampled :  
FL-0599

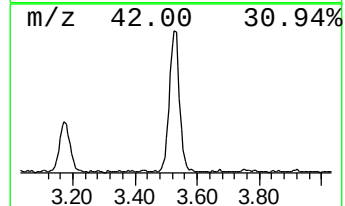
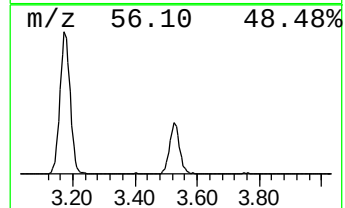
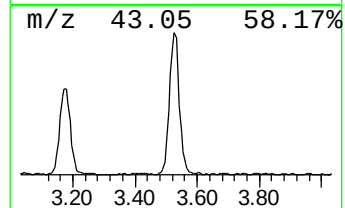
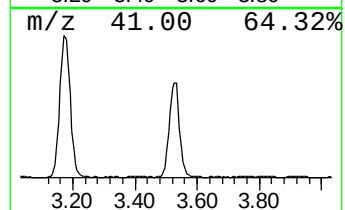
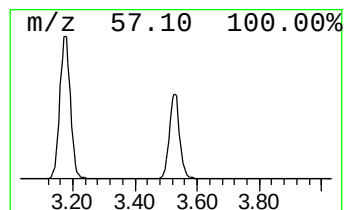
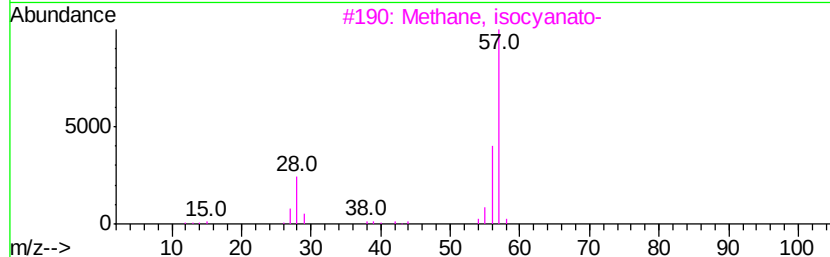
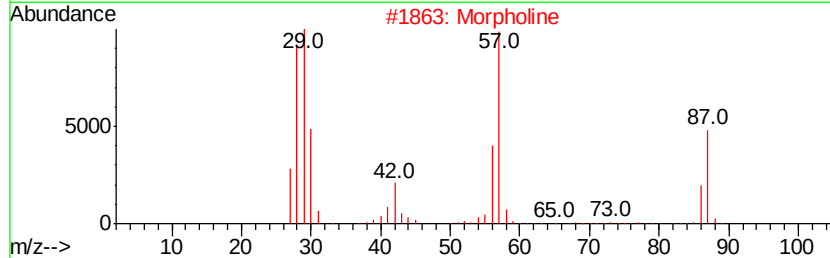
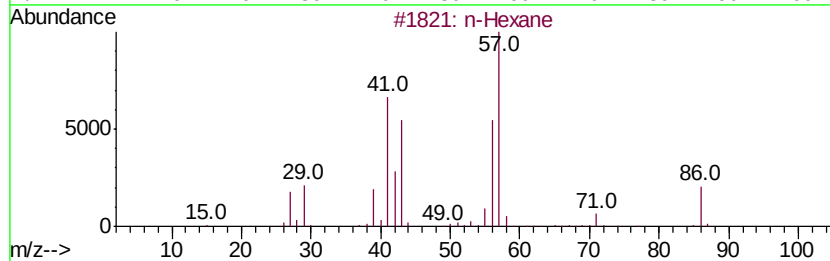
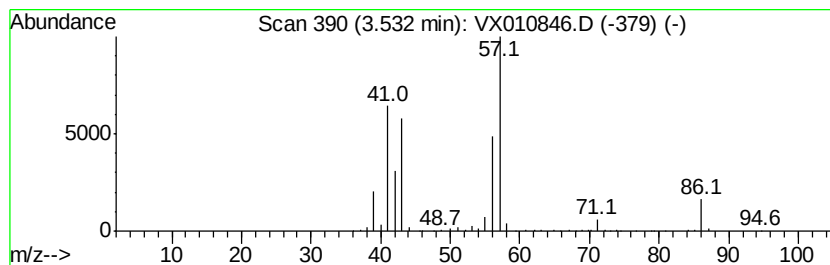
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 3 n-Hexane Concentration Rank 10

| R.T. | EstConc    | Area   | Relative to ISTD   | R.T. |
|------|------------|--------|--------------------|------|
| 3.53 | 40.51 ug/l | 297373 | Pentafluorobenzene | 5.66 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------|-----|---------|-------------|------|
| 1    | 5  | n-Hexane                      | 86  | C6H14   | 000110-54-3 | 94   |
| 2    |    | Morpholine                    | 87  | C4H9NO  | 000110-91-8 | 38   |
| 3    |    | Methane, isocyanato-          | 57  | C2H3NO  | 000624-83-9 | 32   |
| 4    |    | Pentane, 3-methyl-            | 86  | C6H14   | 000096-14-0 | 32   |
| 5    |    | Pentane, 2,2,3,4-tetramethyl- | 128 | C9H20   | 001186-53-4 | 28   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071219\  
Data File : VX010846.D  
Acq On : 12 Jul 2019 19:10  
Operator : JC/SP  
Sample : K3786-11  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
FL-0599

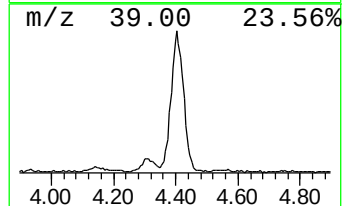
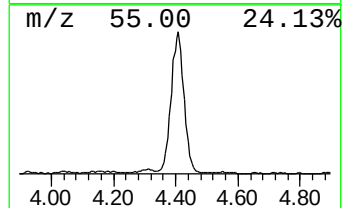
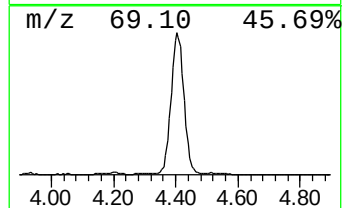
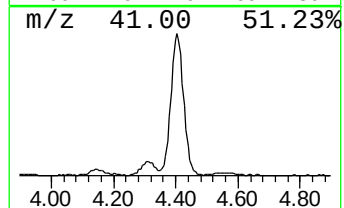
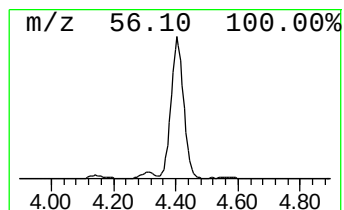
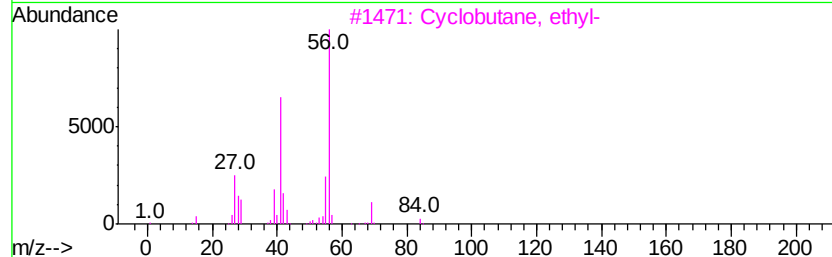
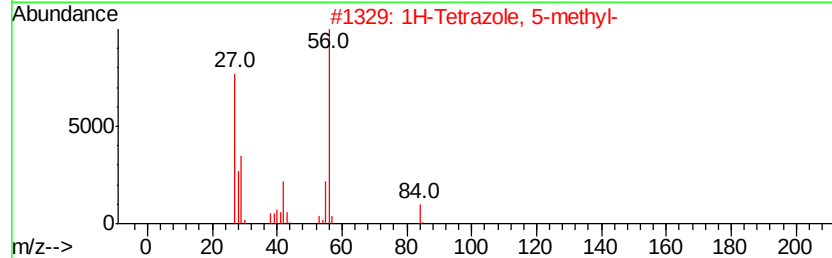
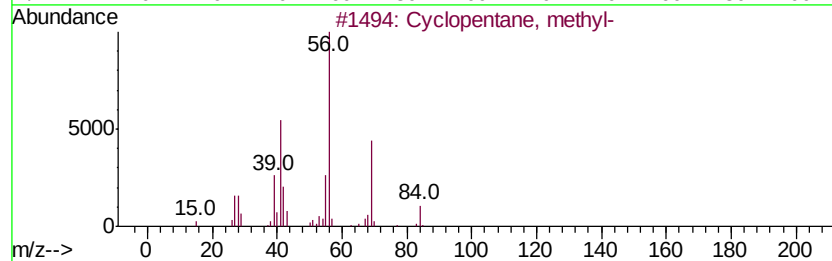
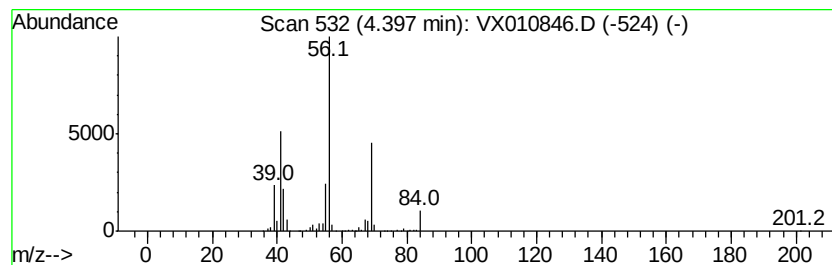
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Quant Title : SW846 8260

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

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

| R.T. | EstConc    | Area   | Relative to ISTD   | R.T. |
|------|------------|--------|--------------------|------|
| 4.40 | 76.46 ug/l | 561282 | Pentafluorobenzene | 5.66 |

| Hit# | of | Tentative ID            | MW | MolForm | CAS#        | Qual |
|------|----|-------------------------|----|---------|-------------|------|
| 1    | 5  | Cyclopentane, methyl-   | 84 | C6H12   | 000096-37-7 | 94   |
| 2    |    | 1H-Tetrazole, 5-methyl- | 84 | C2H4N4  | 004076-36-2 | 72   |
| 3    |    | Cyclobutane, ethyl-     | 84 | C6H12   | 004806-61-5 | 64   |
| 4    |    | Cyclohexane             | 84 | C6H12   | 000110-82-7 | 64   |
| 5    |    | 1-Pentene, 2-methyl-    | 84 | C6H12   | 000763-29-1 | 47   |





Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071219\  
Data File : VX010846.D  
Acq On : 12 Jul 2019 19:10  
Operator : JC/SP  
Sample : K3786-11  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
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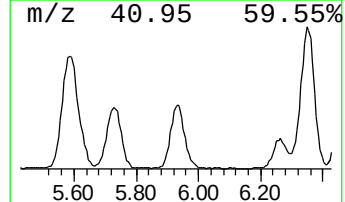
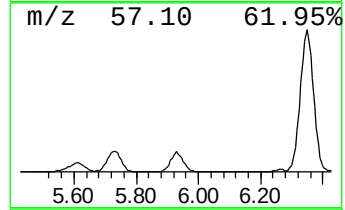
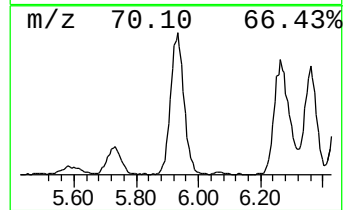
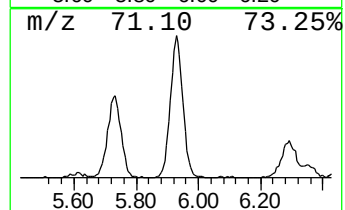
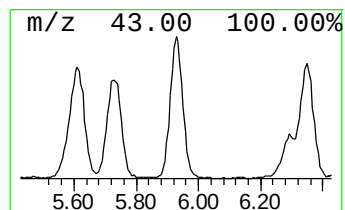
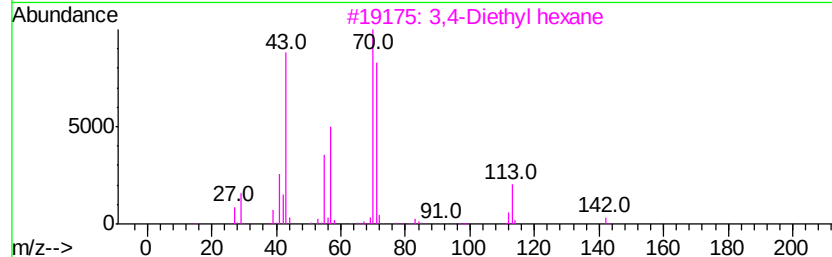
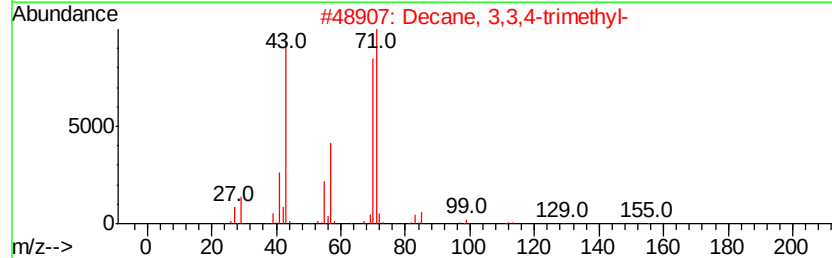
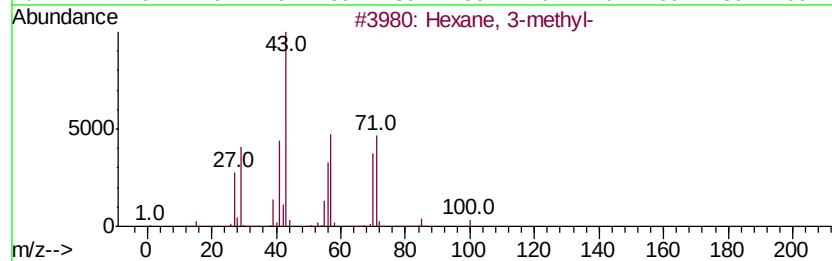
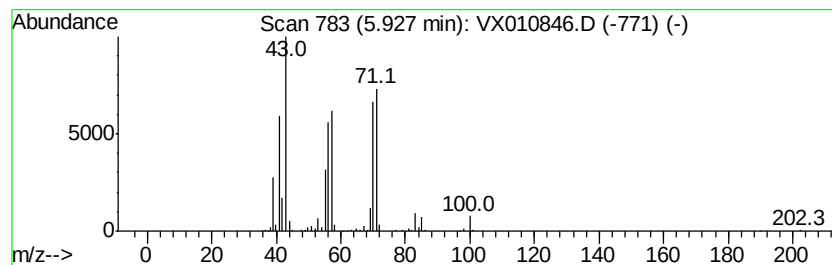
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 5 Hexane, 3-methyl- Concentration Rank 8

| R.T. | EstConc    | Area   | Relative to ISTD   | R.T. |
|------|------------|--------|--------------------|------|
| 5.93 | 46.38 ug/l | 340482 | Pentafluorobenzene | 5.66 |

| Hit# | of | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Hexane, 3-methyl-                  | 100 | C7H16   | 000589-34-4 | 64   |
| 2    |    | Decane, 3,3,4-trimethyl-           | 184 | C13H28  | 049622-18-6 | 50   |
| 3    |    | 3,4-Diethyl hexane                 | 142 | C10H22  | 019398-77-7 | 50   |
| 4    |    | Butanoic acid, 3-methylbutyl ester | 158 | C9H18O2 | 000106-27-4 | 47   |
| 5    |    | Pentane, 2,3,4-trimethyl-          | 114 | C8H18   | 000565-75-3 | 47   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071219\  
Data File : VX010846.D  
Acq On : 12 Jul 2019 19:10  
Operator : JC/SP  
Sample : K3786-11  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
FL-0599

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260

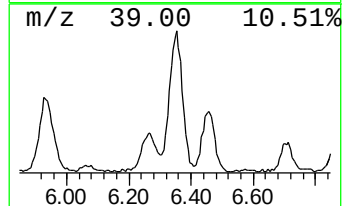
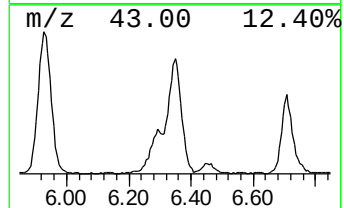
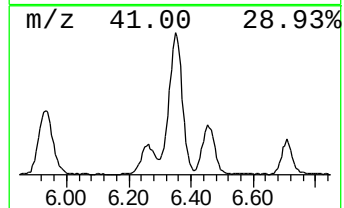
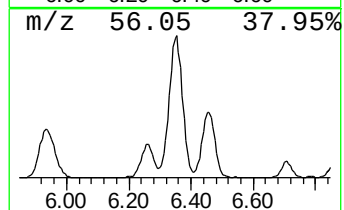
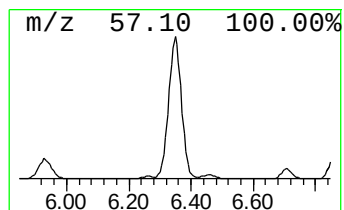
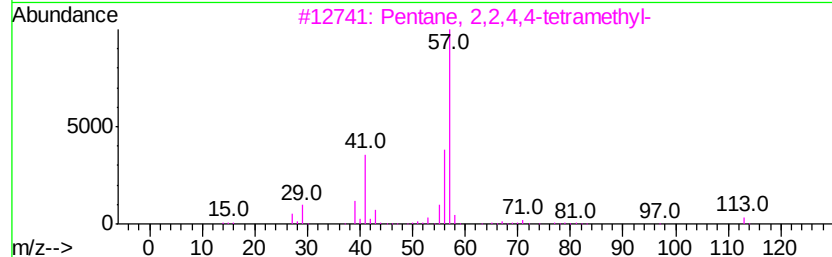
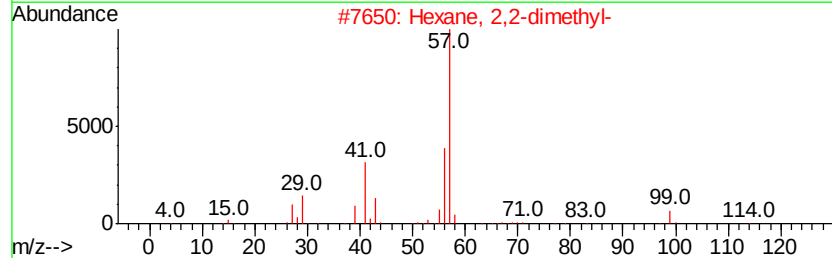
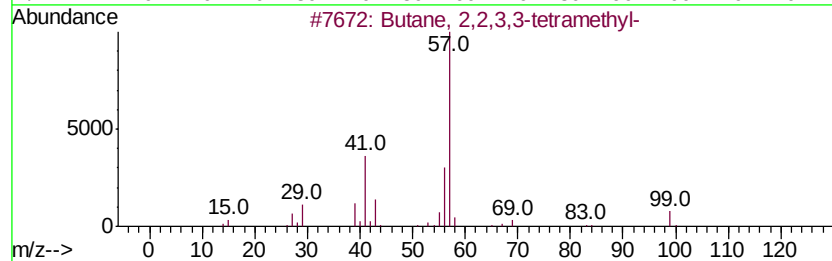
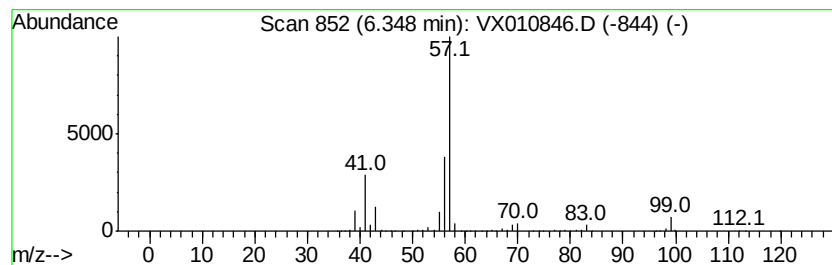
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Butane, 2,2,3,3-tetramethyl- Concentration Rank 9

| R.T. | EstConc    | Area   | Relative to ISTD    | R.T. |
|------|------------|--------|---------------------|------|
| 6.35 | 44.58 ug/l | 634395 | 1,4-Difluorobenzene | 6.86 |

| Hit# of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|---------|---|-------------------------------|-----|---------|-------------|------|
| 1       |   | Butane, 2,2,3,3-tetramethyl-  | 114 | C8H18   | 000594-82-1 | 72   |
| 2       |   | Hexane, 2,2-dimethyl-         | 114 | C8H18   | 000590-73-8 | 64   |
| 3       |   | Pentane, 2,2,4,4-tetramethyl- | 128 | C9H20   | 001070-87-7 | 50   |
| 4       |   | Pentane, 2,2,4-trimethyl-     | 114 | C8H18   | 000540-84-1 | 50   |
| 5       |   | 2-Pentene, 5-butoxy-, (E)-    | 142 | C9H18O  | 054004-23-8 | 47   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071219\  
Data File : VX010846.D  
Acq On : 12 Jul 2019 19:10  
Operator : JC/SP  
Sample : K3786-11  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 25 Sample Multiplier: 1

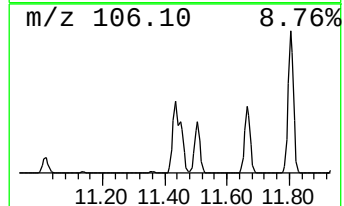
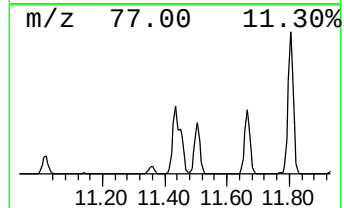
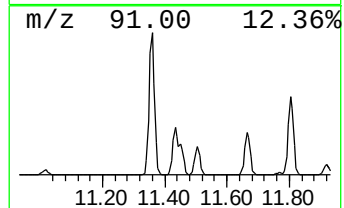
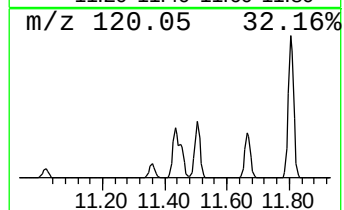
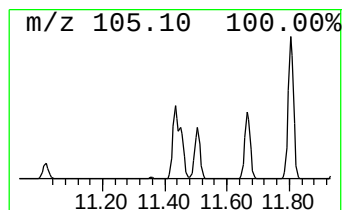
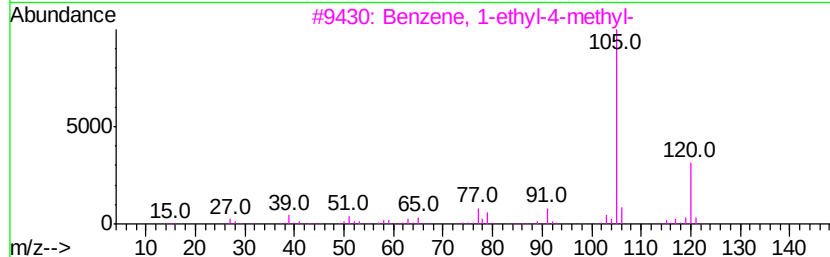
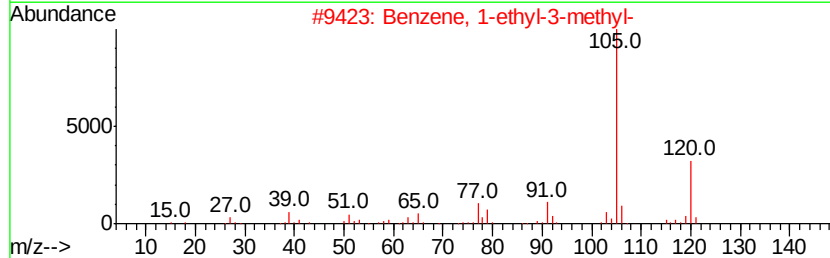
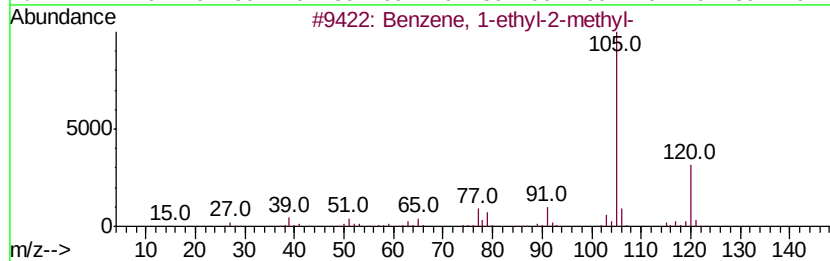
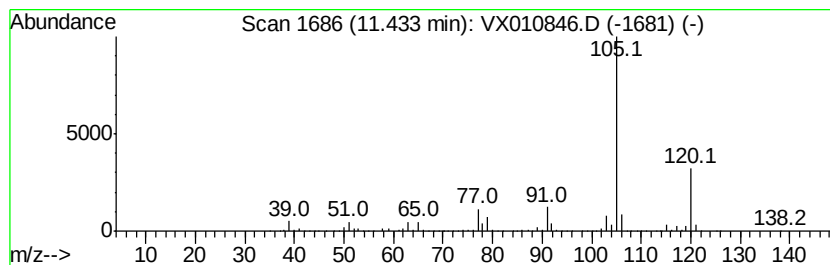
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ClientSampled :  
FL-0599

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

| R.T.    | EstConc     | Area                       | Relative to ISTD       | R.T.           |
|---------|-------------|----------------------------|------------------------|----------------|
| 11.43   | 108.76 ug/l | 2295630                    | 1,4-Dichlorobenzene-d4 | 12.08          |
| Hit# of | 5           | Tentative ID               | MW MolForm             | CAS# Qual      |
| 1       |             | Benzene, 1-ethyl-2-methyl- | 120 C9H12              | 000611-14-3 95 |
| 2       |             | Benzene, 1-ethyl-3-methyl- | 120 C9H12              | 000620-14-4 95 |
| 3       |             | Benzene, 1-ethyl-4-methyl- | 120 C9H12              | 000622-96-8 91 |
| 4       |             | Benzene, 1,2,4-trimethyl-  | 120 C9H12              | 000095-63-6 91 |
| 5       |             | Mesitylene                 | 120 C9H12              | 000108-67-8 91 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071219\  
Data File : VX010846.D  
Acq On : 12 Jul 2019 19:10  
Operator : JC/SP  
Sample : K3786-11  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampled :  
FL-0599

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260

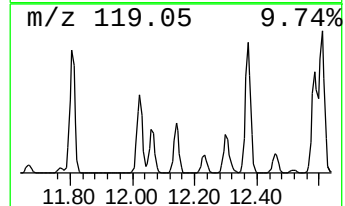
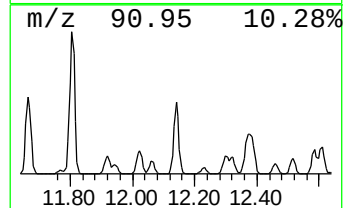
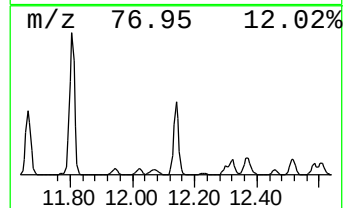
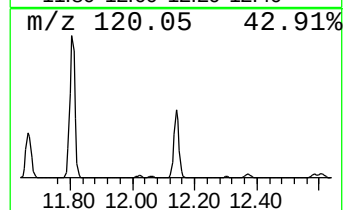
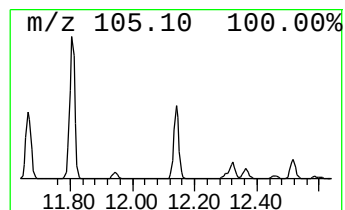
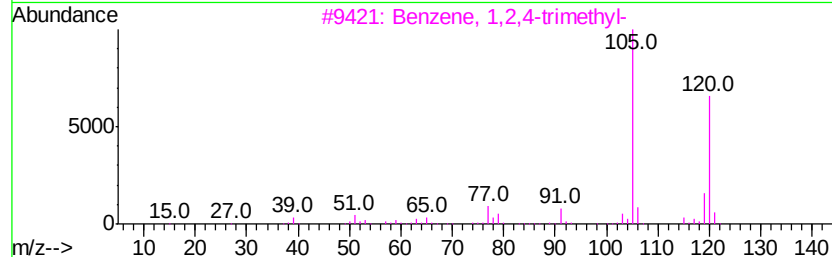
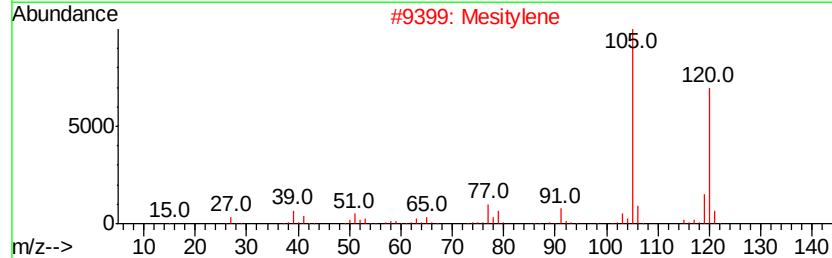
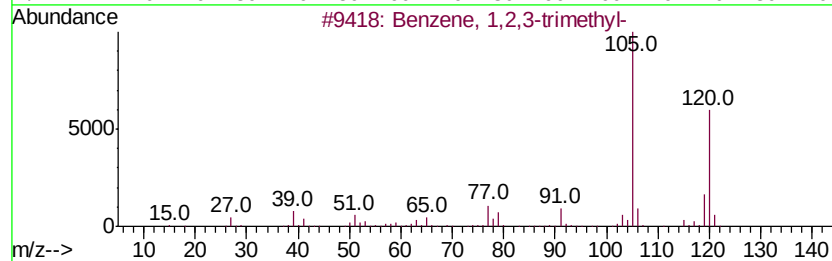
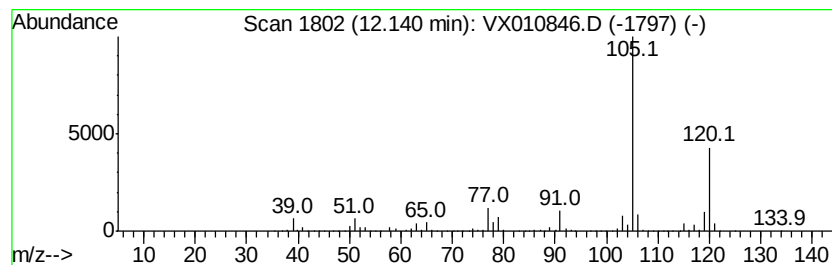
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 2

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 12.14 | 108.51 ug/l | 2290440 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 95   |
| 2    |    | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 3    |    | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |
| 4    |    | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 91   |
| 5    |    | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 90   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071219\  
Data File : VX010846.D  
Acq On : 12 Jul 2019 19:10  
Operator : JC/SP  
Sample : K3786-11  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampled :  
FL-0599

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260

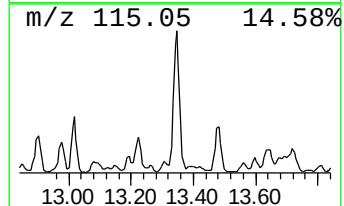
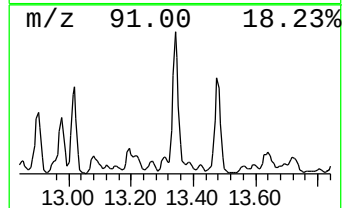
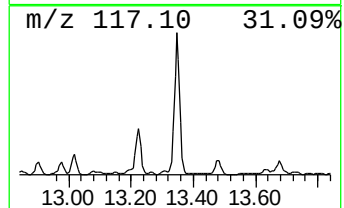
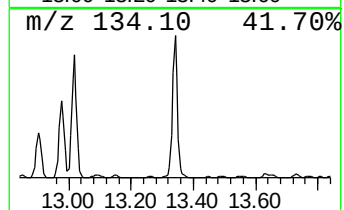
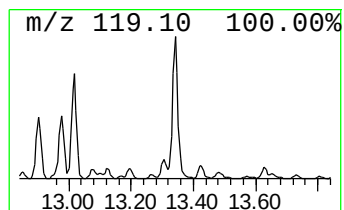
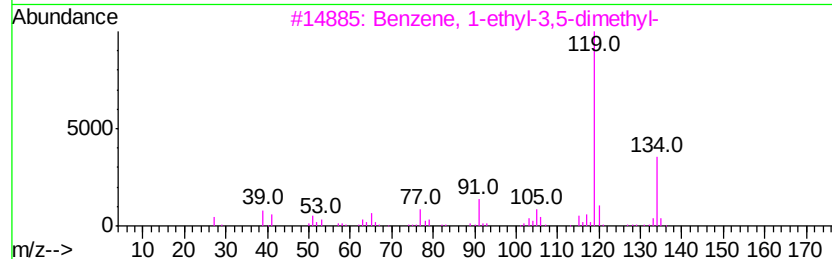
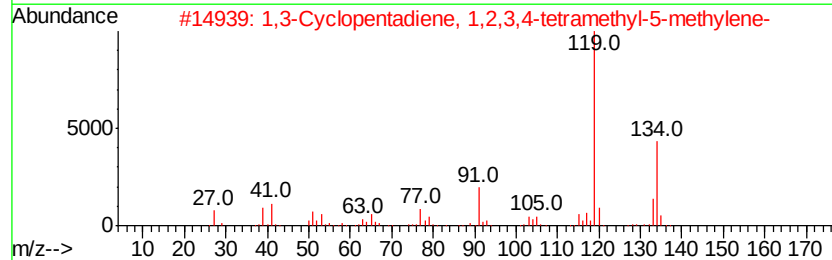
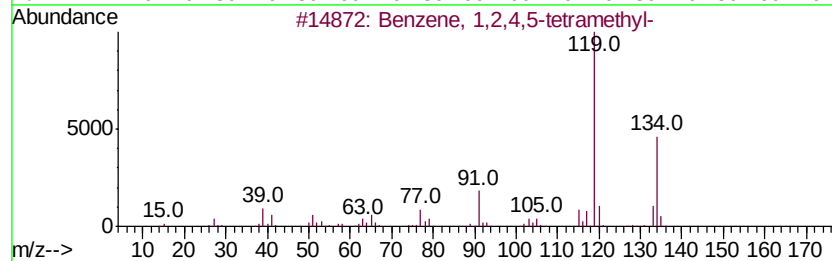
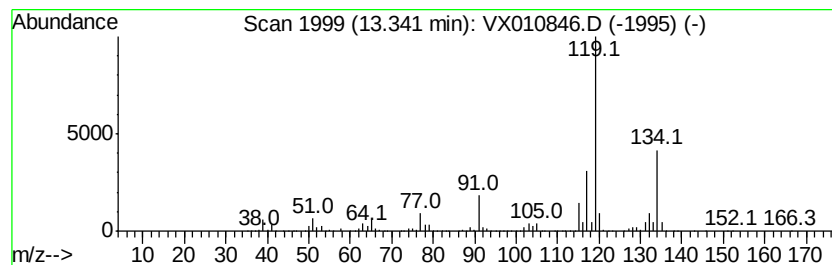
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 13.34 | 51.64 ug/l | 1089980 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,4,5-tetramethyl-       | 134 | C10H14  | 000095-93-2 | 89   |
| 2    |    | 1,3-Cyclopentadiene, 1,2,3,4-tet... | 134 | C10H14  | 076089-59-3 | 81   |
| 3    |    | Benzene, 1-ethyl-3,5-dimethyl-      | 134 | C10H14  | 000934-74-7 | 81   |
| 4    |    | Benzene, 2-ethyl-1,3-dimethyl-      | 134 | C10H14  | 002870-04-4 | 81   |
| 5    |    | p-Cymene                            | 134 | C10H14  | 000099-87-6 | 81   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX071219\  
Data File : VX010846.D  
Acq On : 12 Jul 2019 19:10  
Operator : JC/SP  
Sample : K3786-11  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
FL-0599

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.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 |
| Pentane, 2-methyl-   | 2.89  | 54.7    | ug/l  | 401237   | 1                     | 5.66  | 367026  | 50.0 |
| Pentane, 3-methyl-   | 3.17  | 58.6    | ug/l  | 430094   | 1                     | 5.66  | 367026  | 50.0 |
| n-Hexane             | 3.53  | 40.5    | ug/l  | 297373   | 1                     | 5.66  | 367026  | 50.0 |
| Cyclopentane, met... | 4.40  | 76.5    | ug/l  | 561282   | 1                     | 5.66  | 367026  | 50.0 |
| Hexane, 3-methyl-    | 5.93  | 46.4    | ug/l  | 340482   | 1                     | 5.66  | 367026  | 50.0 |
| Butane, 2,2,3,3-t... | 6.35  | 44.6    | ug/l  | 634395   | 2                     | 6.86  | 711602  | 50.0 |
| Benzene, 1-ethyl-... | 11.43 | 108.8   | ug/l  | 2295630  | 4                     | 12.08 | 1055400 | 50.0 |
| Benzene, 1,2,3-tr... | 12.14 | 108.5   | ug/l  | 2290440  | 4                     | 12.08 | 1055400 | 50.0 |
| Benzene, 1,2,4,5-... | 13.34 | 51.6    | ug/l  | 1089980  | 4                     | 12.08 | 1055400 | 50.0 |