

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\  
 Data File : VX005083.D  
 Acq On : 05 Oct 2018 22:52  
 Operator : JC/MD  
 Sample : J5207-20  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SA-TW511-3135

## 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\82X092618W.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         | 1.617       | 66            | 76          | 80           | rBV5     | 8263           | 18222         | 1.37%           | 0.204%        |
| 2         | 1.782       | 100           | 103         | 110          | rVB2     | 11062          | 16172         | 1.22%           | 0.181%        |
| 3         | 2.373       | 195           | 200         | 207          | rVB      | 18711          | 31434         | 2.37%           | 0.352%        |
| 4         | 2.617       | 234           | 240         | 249          | rVB      | 52401          | 93784         | 7.07%           | 1.050%        |
| 5         | 2.842       | 270           | 277         | 287          | rBV5     | 9586           | 24223         | 1.83%           | 0.271%        |
| 6         | 3.696       | 407           | 417         | 429          | rVB2     | 158201         | 372027        | 28.06%          | 4.166%        |
| 7         | 5.507       | 702           | 714         | 728          | rBV2     | 169929         | 484733        | 36.56%          | 5.428%        |
| 8         | 5.665       | 729           | 740         | 758          | rBV      | 206734         | 605910        | 45.70%          | 6.784%        |
| 9         | 6.067       | 795           | 806         | 815          | rBV      | 174295         | 466932        | 35.22%          | 5.228%        |
| 10        | 6.147       | 815           | 819         | 830          | rVB2     | 15804          | 35977         | 2.71%           | 0.403%        |
| 11        | 6.342       | 843           | 851         | 864          | rVB2     | 16832          | 49793         | 3.76%           | 0.558%        |
| 12        | 6.860       | 926           | 936         | 954          | rBV      | 325420         | 805870        | 60.79%          | 9.023%        |
| 13        | 8.055       | 1124          | 1132        | 1140         | rVB      | 17073          | 37248         | 2.81%           | 0.417%        |
| 14        | 8.177       | 1144          | 1152        | 1162         | rVB      | 27215          | 55283         | 4.17%           | 0.619%        |
| 15        | 8.719       | 1232          | 1241        | 1256         | rBV      | 778199         | 1325707       | 100.00%         | 14.844%       |
| 16        | 8.835       | 1256          | 1260        | 1273         | rVB4     | 11069          | 23903         | 1.80%           | 0.268%        |
| 17        | 9.043       | 1287          | 1294        | 1302         | rVB2     | 19901          | 35405         | 2.67%           | 0.396%        |
| 18        | 9.677       | 1392          | 1398        | 1402         | rBV2     | 10067          | 16327         | 1.23%           | 0.183%        |
| 19        | 10.116      | 1463          | 1470        | 1486         | rBV      | 737296         | 1034075       | 78.00%          | 11.579%       |
| 20        | 10.341      | 1501          | 1507        | 1515         | rVB2     | 17249          | 38727         | 2.92%           | 0.434%        |
| 21        | 10.512      | 1531          | 1535        | 1541         | rVB      | 9124           | 14096         | 1.06%           | 0.158%        |
| 22        | 10.664      | 1547          | 1560        | 1564         | rBV3     | 13106          | 30131         | 2.27%           | 0.337%        |
| 23        | 11.018      | 1614          | 1618        | 1626         | rBV      | 39776          | 54116         | 4.08%           | 0.606%        |
| 24        | 11.140      | 1632          | 1638        | 1643         | rBV      | 746861         | 951274        | 71.76%          | 10.652%       |
| 25        | 11.182      | 1643          | 1645        | 1652         | rVB3     | 12951          | 18823         | 1.42%           | 0.211%        |
| 26        | 11.365      | 1667          | 1675        | 1682         | rVB3     | 10798          | 18372         | 1.39%           | 0.206%        |
| 27        | 11.768      | 1732          | 1741        | 1746         | rBV      | 29097          | 41306         | 3.12%           | 0.463%        |
| 28        | 11.920      | 1757          | 1766        | 1767         | rBV      | 32120          | 38334         | 2.89%           | 0.429%        |
| 29        | 11.945      | 1767          | 1770        | 1778         | rVV      | 88625          | 119336        | 9.00%           | 1.336%        |
| 30        | 12.024      | 1780          | 1783        | 1787         | rVV      | 13179          | 16621         | 1.25%           | 0.186%        |
| 31        | 12.079      | 1787          | 1792        | 1806         | rVV      | 980995         | 1258453       | 94.93%          | 14.091%       |
| 32        | 12.304      | 1825          | 1829        | 1833         | rVB      | 17460          | 23714         | 1.79%           | 0.266%        |
| 33        | 12.390      | 1836          | 1843        | 1848         | rVB2     | 27524          | 47185         | 3.56%           | 0.528%        |
| 34        | 12.646      | 1879          | 1885        | 1890         | rBV5     | 7879           | 16944         | 1.28%           | 0.190%        |

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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SA-TW511-3135

## 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\82X092618W.M  
Title : SW846 8260

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 35 | 12.719 | 1890 | 1897 | 1900 | rBV2 | 9157  | 20049 | 1.51% | 0.224% |
| 36 | 12.755 | 1900 | 1903 | 1906 | rVV  | 25201 | 29760 | 2.24% | 0.333% |
| 37 | 12.816 | 1910 | 1913 | 1919 | rVB3 | 12536 | 17290 | 1.30% | 0.194% |
| 38 | 12.896 | 1919 | 1926 | 1932 | rVB  | 48501 | 70626 | 5.33% | 0.791% |
| 39 | 12.957 | 1932 | 1936 | 1939 | rBV  | 12236 | 19738 | 1.49% | 0.221% |
| 40 | 13.091 | 1953 | 1958 | 1962 | rBV2 | 15615 | 21868 | 1.65% | 0.245% |
| 41 | 13.249 | 1978 | 1984 | 1989 | rBV  | 15899 | 22686 | 1.71% | 0.254% |
| 42 | 13.402 | 2005 | 2009 | 2014 | rVB3 | 11104 | 15826 | 1.19% | 0.177% |
| 43 | 13.560 | 2028 | 2035 | 2038 | rBV3 | 8114  | 13467 | 1.02% | 0.151% |
| 44 | 13.597 | 2038 | 2041 | 2045 | rVV3 | 14970 | 20801 | 1.57% | 0.233% |
| 45 | 13.645 | 2045 | 2049 | 2051 | rVV4 | 17000 | 24903 | 1.88% | 0.279% |
| 46 | 13.694 | 2051 | 2057 | 2058 | rVV2 | 28788 | 53763 | 4.06% | 0.602% |
| 47 | 13.719 | 2058 | 2061 | 2071 | rVB2 | 57680 | 93287 | 7.04% | 1.045% |
| 48 | 13.810 | 2071 | 2076 | 2079 | rBV  | 24918 | 31764 | 2.40% | 0.356% |
| 49 | 13.914 | 2088 | 2093 | 2097 | rBV  | 20034 | 27370 | 2.06% | 0.306% |
| 50 | 13.987 | 2102 | 2105 | 2108 | rVB  | 15560 | 19147 | 1.44% | 0.214% |
| 51 | 14.029 | 2108 | 2112 | 2116 | rBV3 | 12634 | 20705 | 1.56% | 0.232% |
| 52 | 14.164 | 2130 | 2134 | 2140 | rVB2 | 26915 | 34468 | 2.60% | 0.386% |
| 53 | 14.432 | 2173 | 2178 | 2182 | rBV4 | 13772 | 23054 | 1.74% | 0.258% |
| 54 | 14.548 | 2193 | 2197 | 2201 | rBV2 | 9108  | 13936 | 1.05% | 0.156% |
| 55 | 14.731 | 2223 | 2227 | 2231 | rBV3 | 15406 | 20095 | 1.52% | 0.225% |
| 56 | 14.779 | 2231 | 2235 | 2240 | rVB3 | 7616  | 13983 | 1.05% | 0.157% |
| 57 | 14.853 | 2240 | 2247 | 2252 | rBV  | 23892 | 44797 | 3.38% | 0.502% |
| 58 | 14.981 | 2259 | 2268 | 2272 | rBV8 | 8465  | 22079 | 1.67% | 0.247% |
| 59 | 15.669 | 2376 | 2381 | 2385 | rBV3 | 9478  | 14909 | 1.12% | 0.167% |

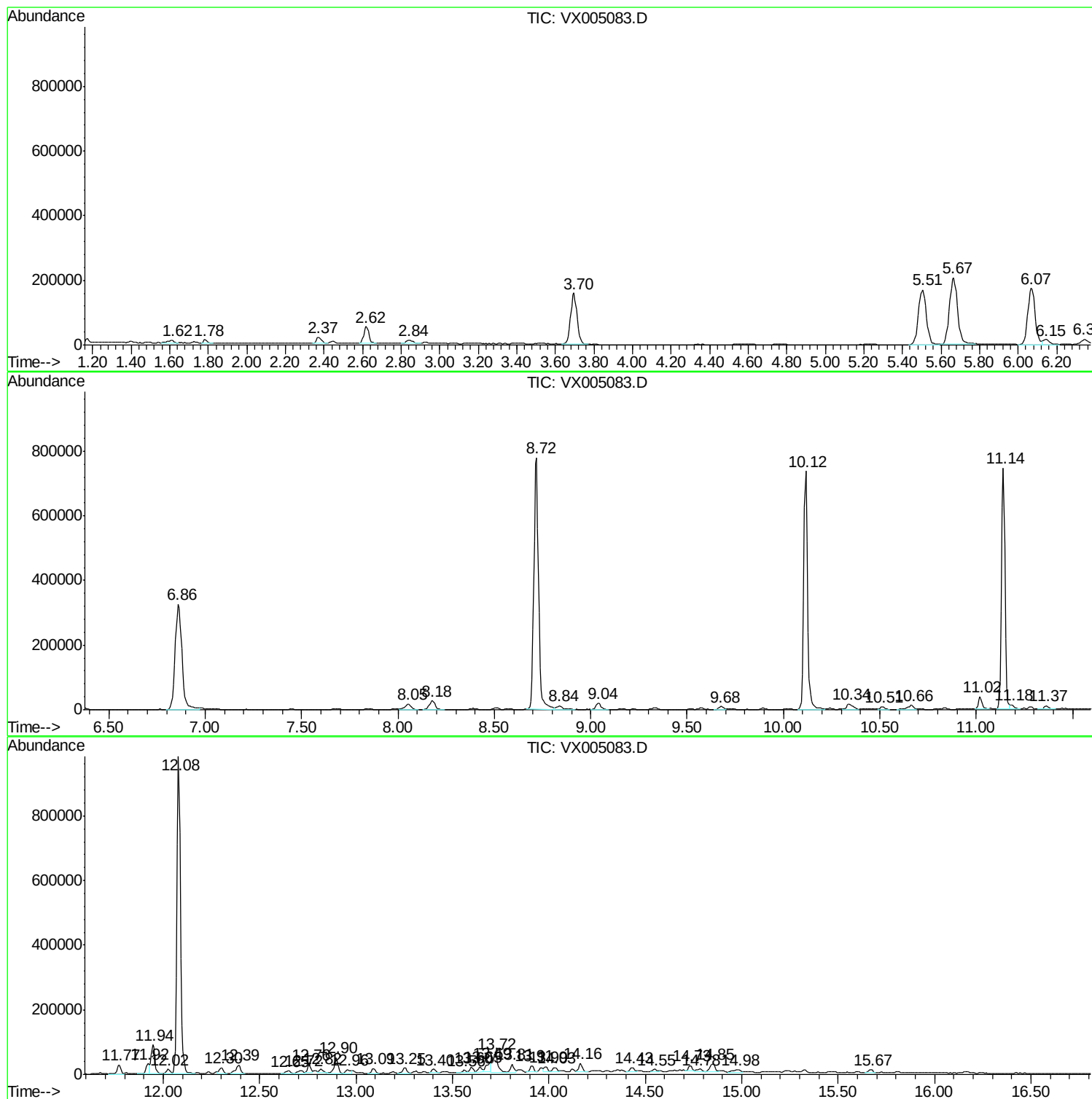
Sum of corrected areas: 8930828

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
Quant Title : SW846 8260

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



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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampled :  
SA-TW511-3135

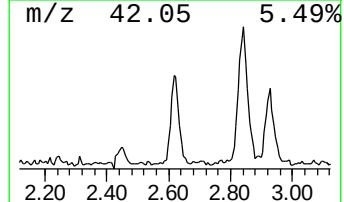
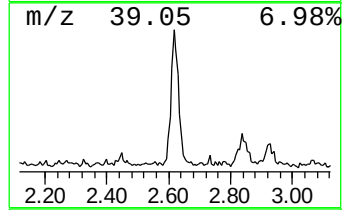
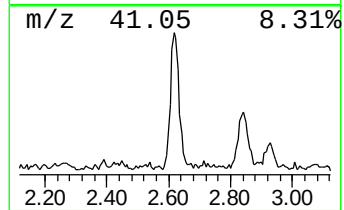
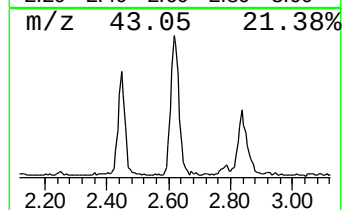
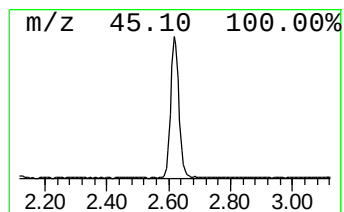
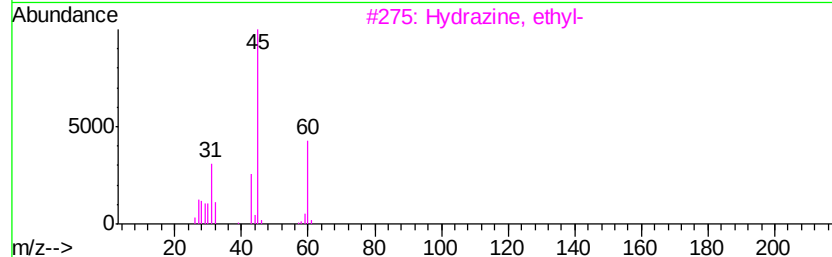
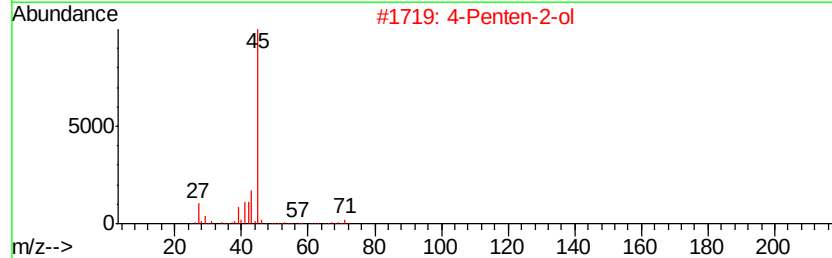
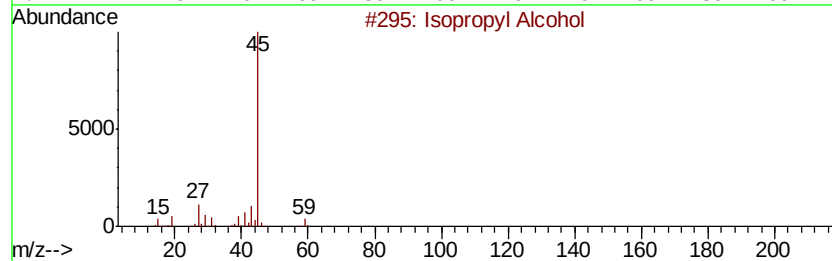
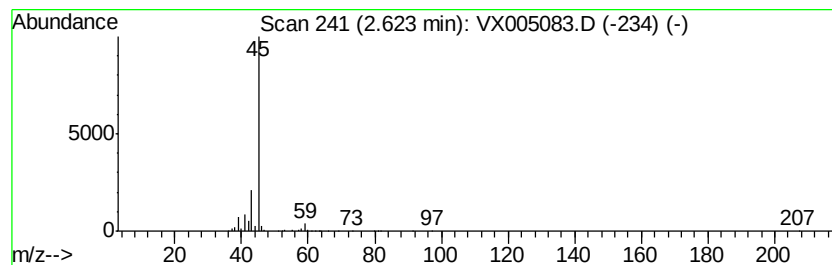
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
Quant Title : SW846 8260

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

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Peak Number 1 Isopropyl Alcohol Concentration Rank 1

| R.T. | EstConc   | Area  | Relative to ISTD   | R.T. |
|------|-----------|-------|--------------------|------|
| 2.62 | 7.74 ug/l | 93784 | Pentafluorobenzene | 5.67 |

| Hit# | of | Tentative ID             | MW | MolForm | CAS#        | Qual |
|------|----|--------------------------|----|---------|-------------|------|
| 1    | 5  | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 86   |
| 2    |    | 4-Penten-2-ol            | 86 | C5H10O  | 000625-31-0 | 50   |
| 3    |    | Hydrazine, ethyl-        | 60 | C2H8N2  | 000624-80-6 | 9    |
| 4    |    | Hydrazine, 1,2-dimethyl- | 60 | C2H8N2  | 000540-73-8 | 9    |
| 5    |    | Formamide                | 45 | CH3NO   | 000075-12-7 | 5    |



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

| TIC Top Hit name  | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|-------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                   |      |         |       |          | #                     | RT   | Resp   | Conc |
| Isopropyl Alcohol | 2.62 | 7.7     | ug/l  | 93784    | 1                     | 5.67 | 605910 | 50.0 |