

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX080720\  
 Data File : VX017831.D  
 Acq On : 07 Aug 2020 17:39  
 Operator : JC/SP  
 Sample : L3675-02  
 Misc : 25.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GAY84

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.1  
 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\SOMXTR080720WMA.M  
 Title : TRACE VOA SOM01.0

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         | 1.160       | 9             | 12          | 18           | rVB      | 41305          | 38825         | 3.25%           | 0.389%        |
| 2         | 1.386       | 46            | 49          | 57           | rBV      | 189608         | 187293        | 15.67%          | 1.876%        |
| 3         | 1.690       | 95            | 99          | 107          | rVB      | 126394         | 165342        | 13.83%          | 1.656%        |
| 4         | 1.782       | 110           | 114         | 120          | rVB9     | 8061           | 13126         | 1.10%           | 0.131%        |
| 5         | 2.343       | 200           | 206         | 215          | rVB      | 283903         | 467506        | 39.10%          | 4.682%        |
| 6         | 2.422       | 215           | 219         | 225          | rVB      | 16431          | 24627         | 2.06%           | 0.247%        |
| 7         | 2.587       | 237           | 246         | 254          | rBV      | 70495          | 126950        | 10.62%          | 1.271%        |
| 8         | 2.831       | 281           | 286         | 291          | rVB6     | 7962           | 15682         | 1.31%           | 0.157%        |
| 9         | 4.538       | 557           | 566         | 578          | rBV      | 150821         | 445565        | 37.27%          | 4.462%        |
| 10        | 4.659       | 578           | 586         | 601          | rVV      | 57351          | 211115        | 17.66%          | 2.114%        |
| 11        | 4.794       | 601           | 608         | 619          | rVB2     | 49383          | 147140        | 12.31%          | 1.473%        |
| 12        | 5.141       | 654           | 665         | 679          | rBV2     | 164096         | 514077        | 43.00%          | 5.148%        |
| 13        | 6.043       | 801           | 813         | 830          | rBV2     | 402615         | 1195568       | 100.00%         | 11.973%       |
| 14        | 6.830       | 931           | 942         | 953          | rBV      | 284694         | 689079        | 57.64%          | 6.901%        |
| 15        | 7.171       | 995           | 998         | 1004         | rVB6     | 7846           | 13615         | 1.14%           | 0.136%        |
| 16        | 7.372       | 1020          | 1031        | 1042         | rBV      | 254831         | 554769        | 46.40%          | 5.556%        |
| 17        | 8.372       | 1189          | 1195        | 1202         | rBV      | 143965         | 244558        | 20.46%          | 2.449%        |
| 18        | 8.695       | 1241          | 1248        | 1255         | rBV      | 631303         | 954559        | 79.84%          | 9.559%        |
| 19        | 8.768       | 1255          | 1260        | 1267         | rVB2     | 19611          | 37413         | 3.13%           | 0.375%        |
| 20        | 8.994       | 1292          | 1297        | 1308         | rBV      | 107793         | 158229        | 13.23%          | 1.585%        |
| 21        | 9.427       | 1362          | 1368        | 1381         | rBV      | 785034         | 1098691       | 91.90%          | 11.002%       |
| 22        | 10.098      | 1471          | 1478        | 1485         | rBV      | 603869         | 807093        | 67.51%          | 8.082%        |
| 23        | 11.231      | 1658          | 1664        | 1670         | rBV      | 245232         | 311034        | 26.02%          | 3.115%        |
| 24        | 12.061      | 1793          | 1800        | 1807         | rVB      | 579022         | 726856        | 60.80%          | 7.279%        |
| 25        | 12.256      | 1828          | 1832        | 1838         | rBV6     | 13016          | 23876         | 2.00%           | 0.239%        |
| 26        | 12.359      | 1844          | 1849        | 1855         | rBV      | 648781         | 813259        | 68.02%          | 8.144%        |

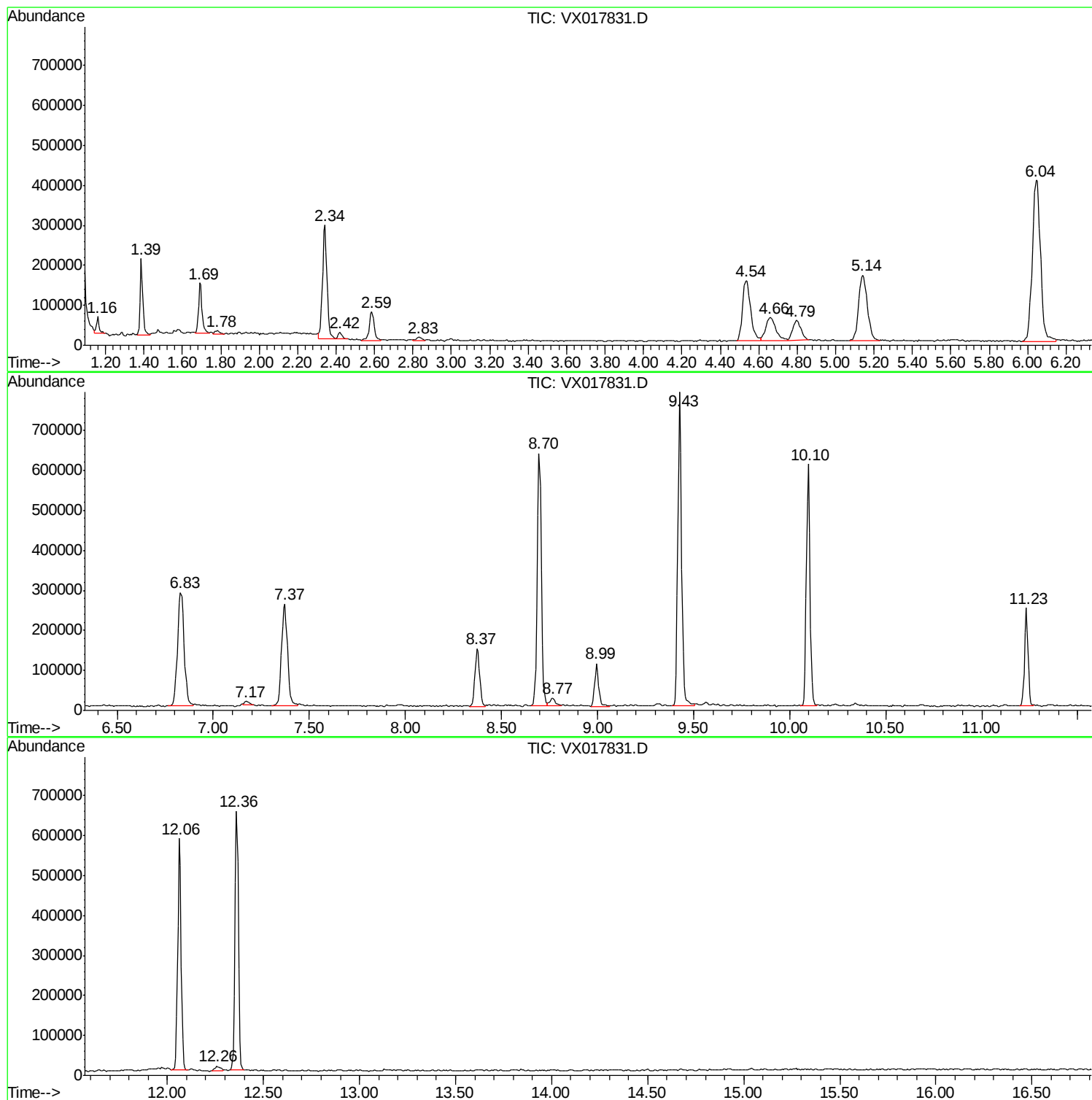
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Instrument :  
MSVOA\_X  
ClientSampleId :  
GAY84

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR080720WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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MSVOA\_X  
ClientSampled :  
GAY84

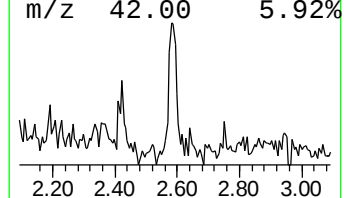
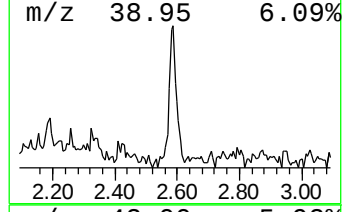
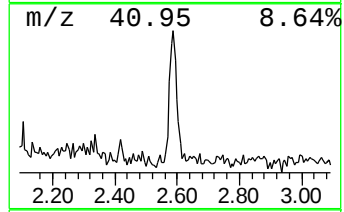
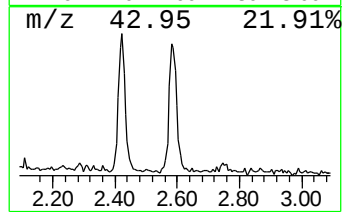
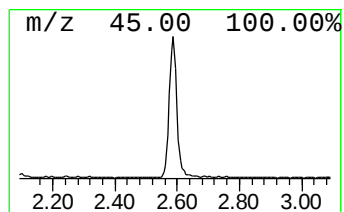
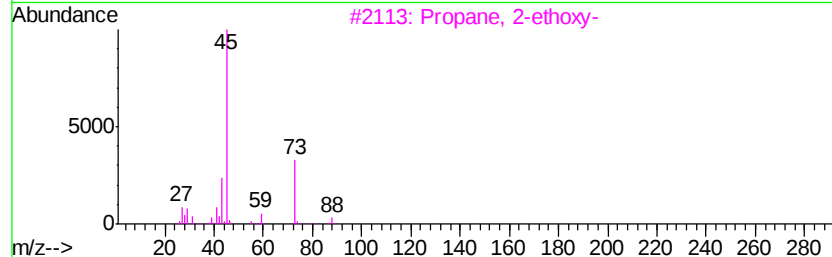
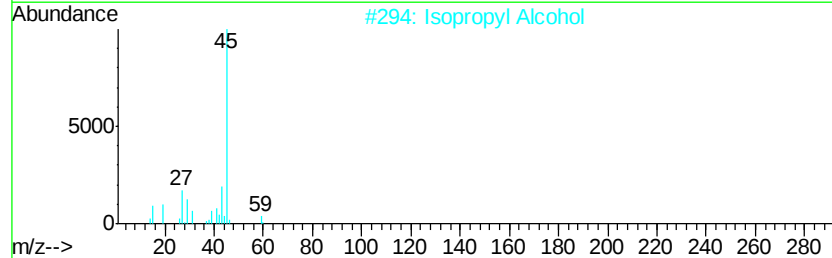
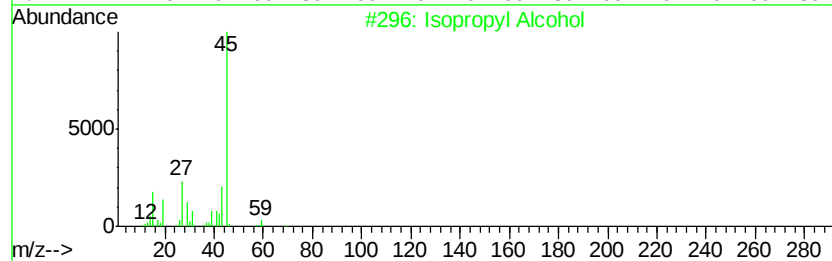
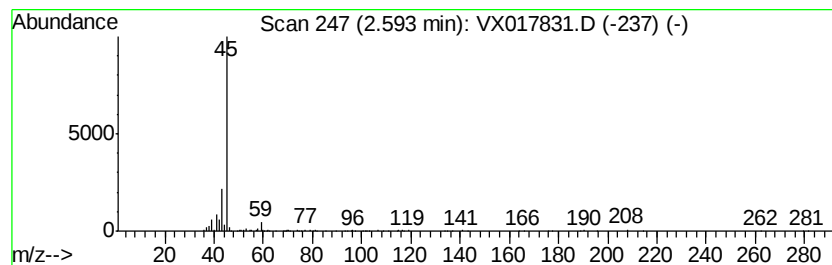
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Quant Title : TRACE VOA SOM01.0

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

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Peak Number 1 Isopropyl Alcohol Concentration Rank 4

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 2.59 | 0.92 ug/L | 126950 | 1,4-Difluorobenzene | 6.83 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------|-----|---------|-------------|------|
| 1    | 5  | Isopropyl Alcohol  | 60  | C3H8O   | 000067-63-0 | 72   |
| 2    |    | Isopropyl Alcohol  | 60  | C3H8O   | 000067-63-0 | 50   |
| 3    |    | Propane, 2-ethoxy- | 88  | C5H12O  | 000625-54-7 | 40   |
| 4    |    | 2-Hexanol          | 102 | C6H14O  | 000626-93-7 | 9    |
| 5    |    | Propane, 2-ethoxy- | 88  | C5H12O  | 000625-54-7 | 9    |



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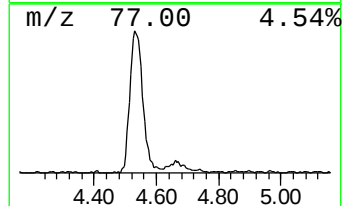
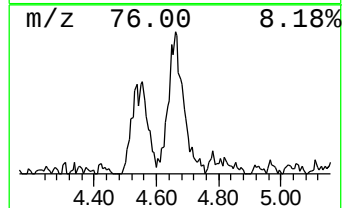
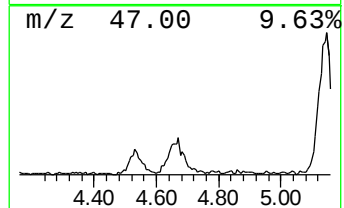
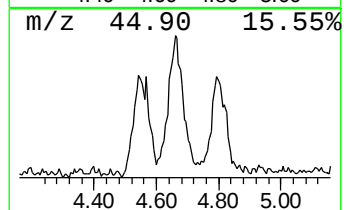
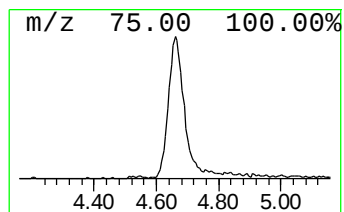
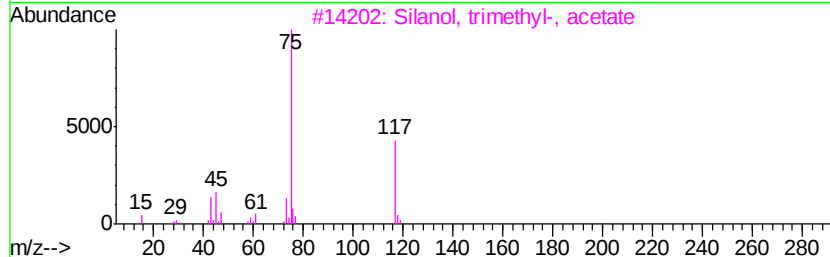
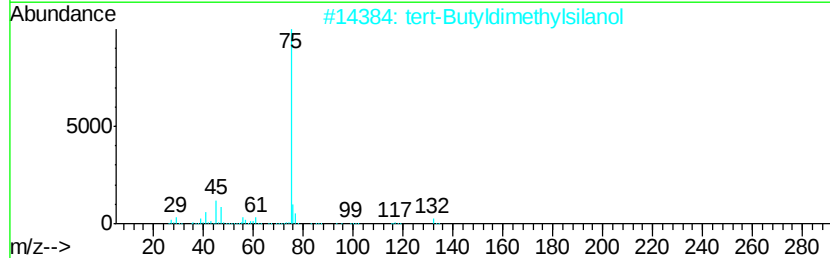
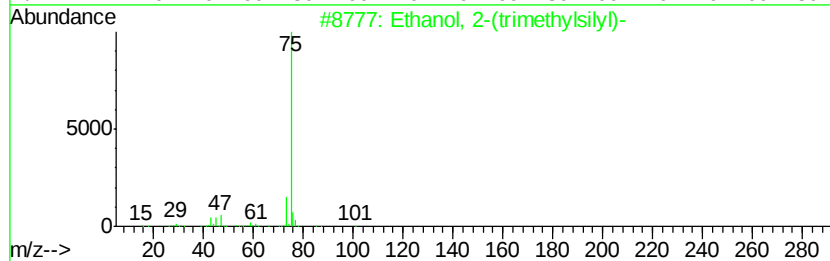
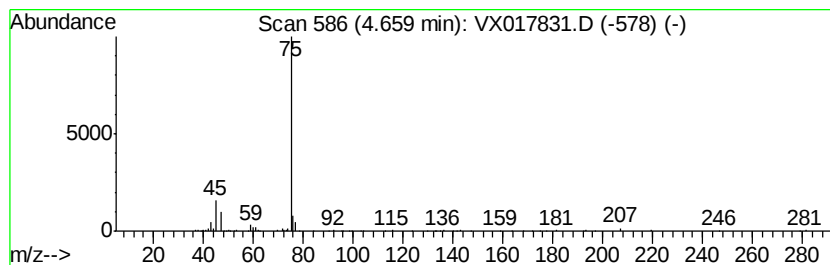
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Quant Title : TRACE VOA SOM01.0

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

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Peak Number 2 Ethanol, 2-(trimethylsilyl)- Concentration Rank 2

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 4.66 | 1.53 ug/L | 211115 | 1,4-Difluorobenzene | 6.83 |

| Hit# | of | Tentative ID                 | MW  | MolForm   | CAS#        | Qual |
|------|----|------------------------------|-----|-----------|-------------|------|
| 1    | 5  | Ethanol, 2-(trimethylsilyl)- | 118 | C5H14OSi  | 002916-68-9 | 72   |
| 2    |    | tert-Butyldimethylsilanol    | 132 | C6H16OSi  | 018173-64-3 | 64   |
| 3    |    | Silanol, trimethyl-, acetate | 132 | C5H12O2Si | 002754-27-0 | 64   |
| 4    |    | Silanol, trimethyl-          | 90  | C3H10OSi  | 001066-40-6 | 64   |
| 5    |    | 3-(Methylthio)-2-butanone    | 118 | C5H10OS   | 053475-15-3 | 56   |



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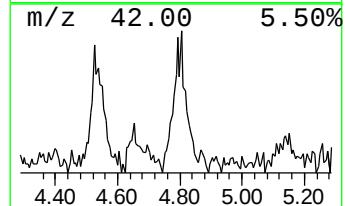
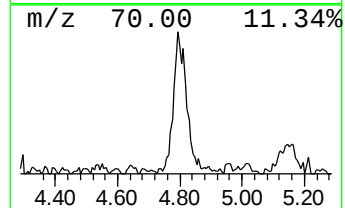
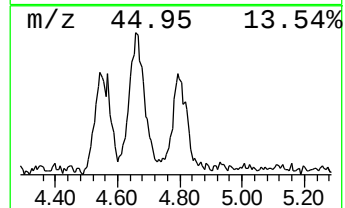
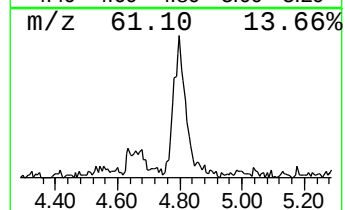
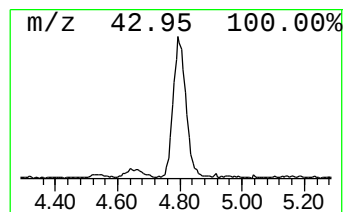
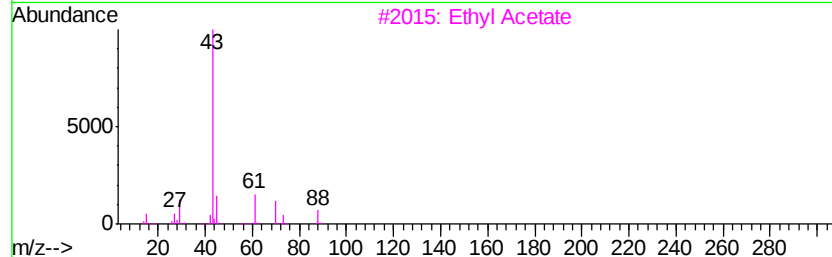
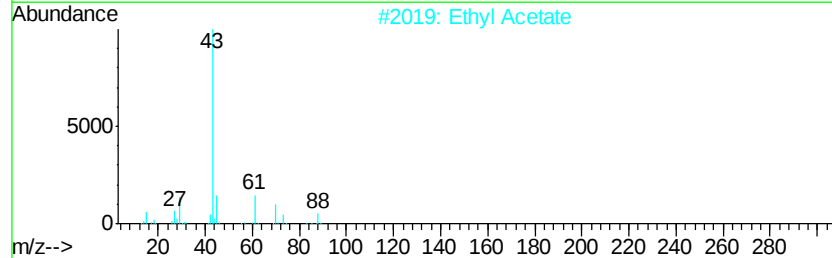
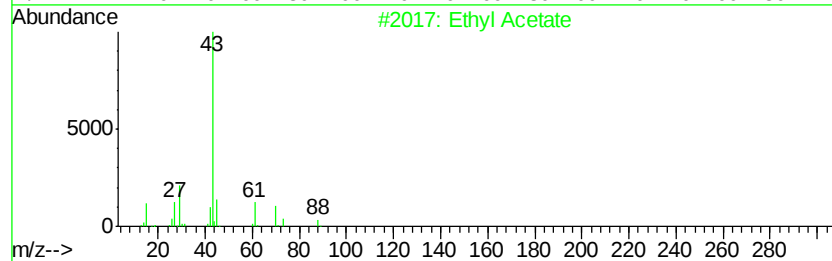
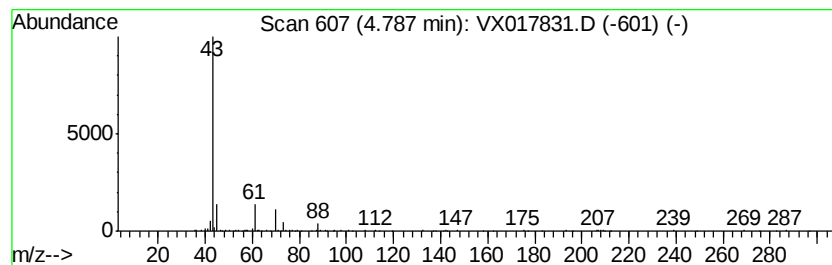
Instrument :  
MSVOA\_X  
ClientSampleId :  
GAY84

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Quant Title : TRACE VOA SOM01.0

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

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Peak Number 3 Ethyl Acetate Concentration Rank 3

| R.T.    | EstConc         | Area         | Relative to ISTD    | R.T.      |
|---------|-----------------|--------------|---------------------|-----------|
| 4.79    | 1.07 ug/L       | 147140       | 1,4-Difluorobenzene | 6.83      |
| Hit# of | 5               | Tentative ID | MW MolForm          | CAS# Qual |
| 1       | Ethyl Acetate   | 88 C4H8O2    | 000141-78-6         | 80        |
| 2       | Ethyl Acetate   | 88 C4H8O2    | 000141-78-6         | 80        |
| 3       | Ethyl Acetate   | 88 C4H8O2    | 000141-78-6         | 72        |
| 4       | Ethyl Acetate   | 88 C4H8O2    | 000141-78-6         | 64        |
| 5       | CH3C(O)CH2CH2OH | 88 C4H8O2    | 000590-90-9         | 40        |



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Quant Title : TRACE VOA SOM01.0

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    | 2.59 | 0.9     | ug/L  | 126950   | 1                     | 6.83 | 689079 | 5.0  |
| Ethanol, 2-(trime... | 4.66 | 1.5     | ug/L  | 211115   | 1                     | 6.83 | 689079 | 5.0  |
| Ethyl Acetate        | 4.79 | 1.1     | ug/L  | 147140   | 1                     | 6.83 | 689079 | 5.0  |