

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\  
 Data File : VN055963.D  
 Acq On : 3 Jun 2019 15:55  
 Operator : JC/SP  
 Sample : K3125-15  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 COMP-2

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\_N\METHODS\82N052319W.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         | 1.809       | 3             | 11          | 28           | rBV      | 19588          | 28995         | 1.80%           | 0.301%        |
| 2         | 2.310       | 159           | 167         | 177          | rBV2     | 11225          | 17601         | 1.09%           | 0.183%        |
| 3         | 3.696       | 580           | 598         | 616          | rBV      | 49002          | 128654        | 8.00%           | 1.336%        |
| 4         | 3.822       | 624           | 637         | 657          | rVB2     | 16279          | 41582         | 2.58%           | 0.432%        |
| 5         | 6.059       | 1317          | 1333        | 1351         | rBV4     | 9241           | 30328         | 1.89%           | 0.315%        |
| 6         | 6.551       | 1468          | 1486        | 1503         | rBV4     | 7830           | 23721         | 1.47%           | 0.246%        |
| 7         | 7.590       | 1788          | 1809        | 1819         | rBV2     | 200603         | 492318        | 30.60%          | 5.111%        |
| 8         | 7.664       | 1820          | 1832        | 1858         | rVB      | 380393         | 902461        | 56.09%          | 9.369%        |
| 9         | 8.024       | 1927          | 1944        | 1973         | rBV      | 215443         | 499460        | 31.05%          | 5.185%        |
| 10        | 8.583       | 2103          | 2118        | 2148         | rVB      | 541957         | 1145138       | 71.18%          | 11.889%       |
| 11        | 8.802       | 2174          | 2186        | 2198         | rBV2     | 7255           | 16206         | 1.01%           | 0.168%        |
| 12        | 10.088      | 2571          | 2586        | 2600         | rBV      | 868205         | 1608822       | 100.00%         | 16.703%       |
| 13        | 10.815      | 2788          | 2812        | 2816         | rBV2     | 349655         | 825325        | 51.30%          | 8.568%        |
| 14        | 11.406      | 2979          | 2996        | 3030         | rBV      | 799126         | 1444496       | 89.79%          | 14.997%       |
| 15        | 11.947      | 3154          | 3164        | 3171         | rBV3     | 9508           | 16258         | 1.01%           | 0.169%        |
| 16        | 12.400      | 3290          | 3305        | 3327         | rBV      | 619417         | 1078193       | 67.02%          | 11.194%       |
| 17        | 12.911      | 3456          | 3464        | 3475         | rVB      | 22172          | 34729         | 2.16%           | 0.361%        |
| 18        | 13.104      | 3515          | 3524        | 3539         | rVB2     | 28346          | 47926         | 2.98%           | 0.498%        |
| 19        | 13.342      | 3586          | 3598        | 3614         | rBV      | 631312         | 1050415       | 65.29%          | 10.905%       |
| 20        | 13.448      | 3620          | 3631        | 3648         | rBV      | 104072         | 182301        | 11.33%          | 1.893%        |
| 21        | 15.175      | 4161          | 4168        | 4180         | rBV4     | 10202          | 17261         | 1.07%           | 0.179%        |

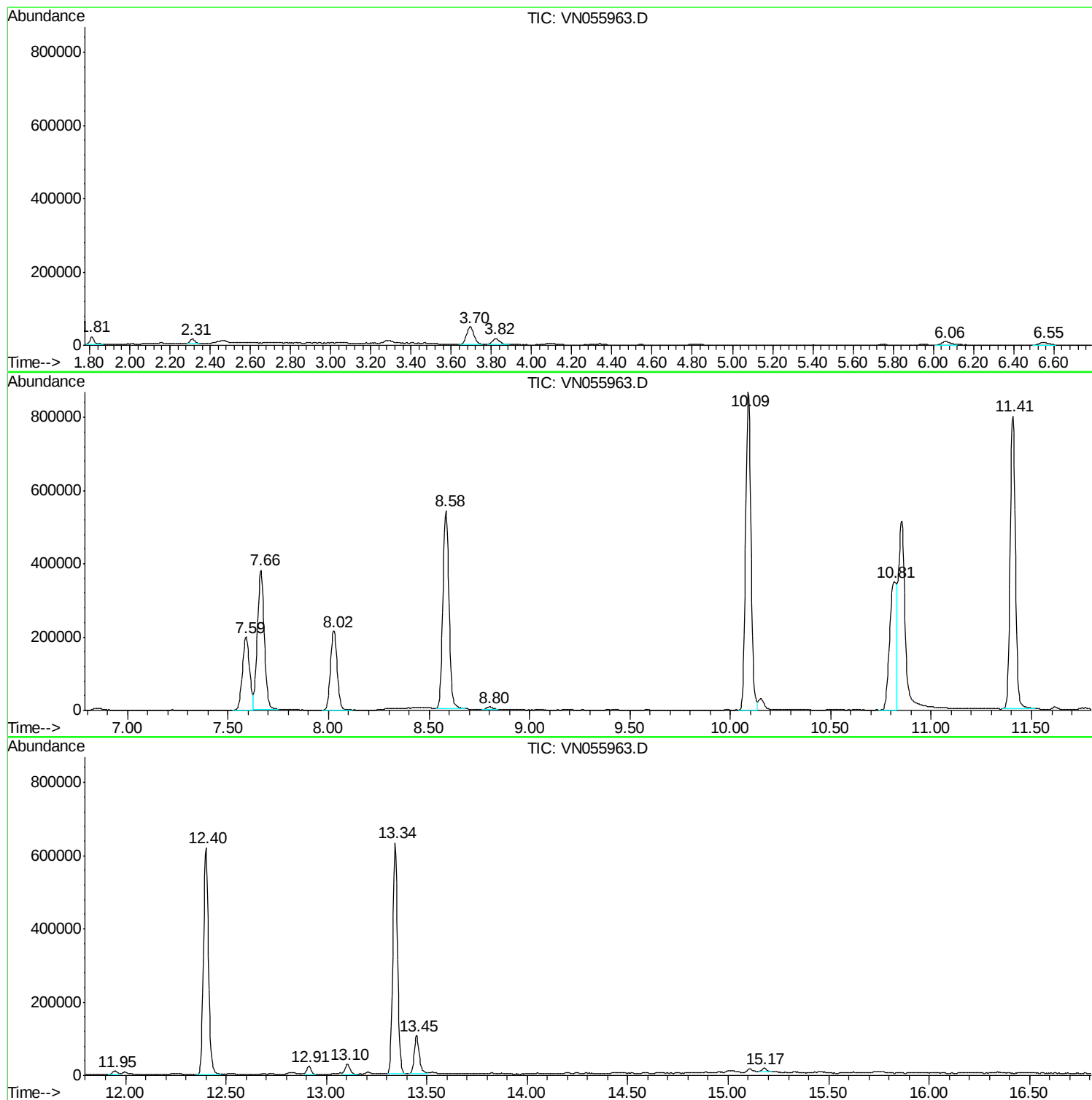
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Instrument :  
MSVOA\_N  
ClientSampleId :  
COMP-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N052319W.M  
Quant Title : SW846 8260

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



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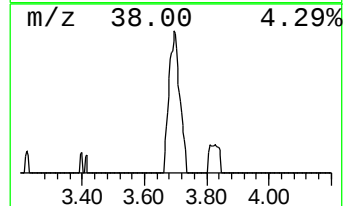
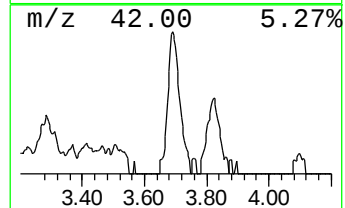
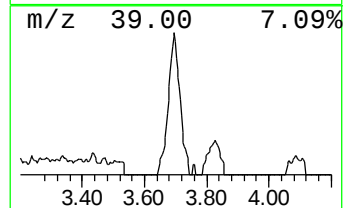
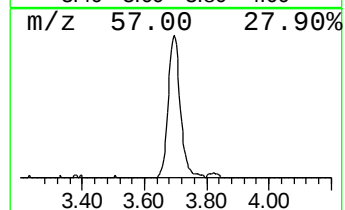
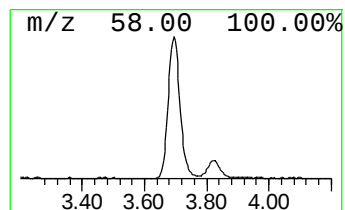
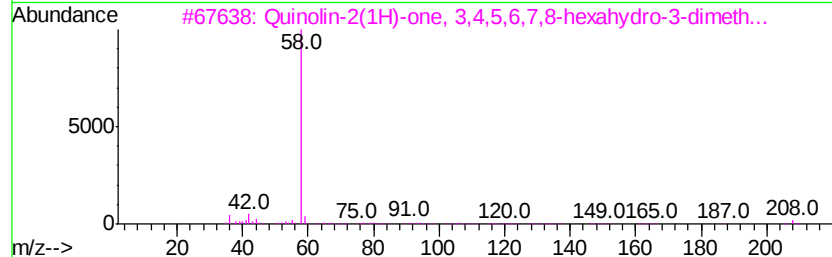
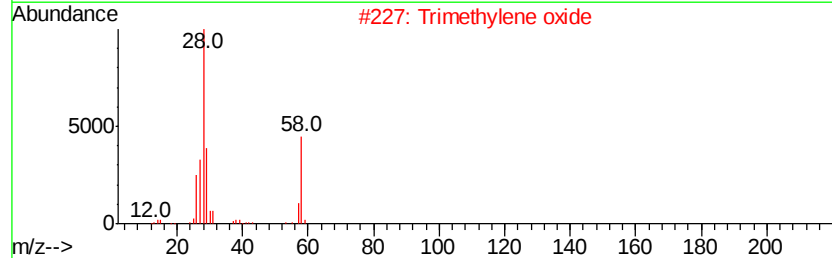
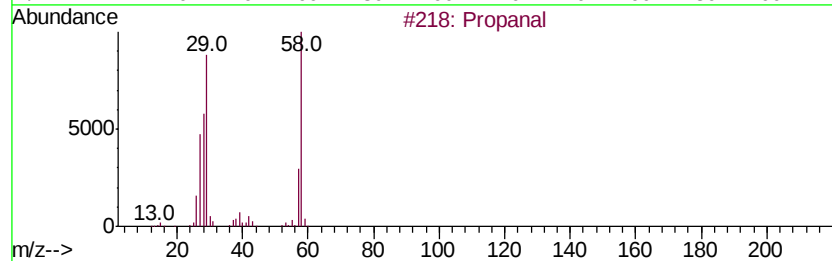
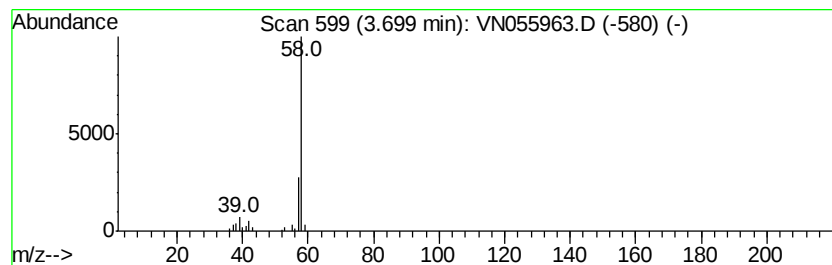
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Propanal Concentration Rank 3

| R.T. | EstConc   | Area   | Relative to ISTD   | R.T. |
|------|-----------|--------|--------------------|------|
| 3.70 | 7.13 ug/l | 128654 | Pentafluorobenzene | 7.66 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Propanal                            | 58  | C3H6O     | 000123-38-6  | 72   |
| 2    |    | Trimethylene oxide                  | 58  | C3H6O     | 000503-30-0  | 56   |
| 3    |    | Quinolin-2(1H)-one, 3,4,5,6,7,8-... | 208 | C12H20N2O | 1000259-95-6 | 9    |
| 4    |    | Oxirane, methyl-, (S)-              | 58  | C3H6O     | 016088-62-3  | 7    |
| 5    |    | Propylene oxide                     | 58  | C3H6O     | 000075-56-9  | 7    |



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MSVOA\_N  
ClientSampleId :  
COMP-2

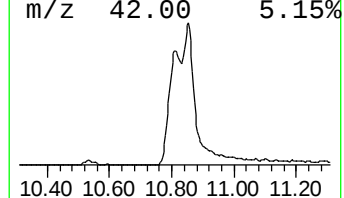
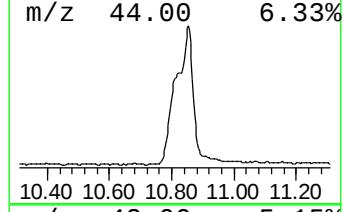
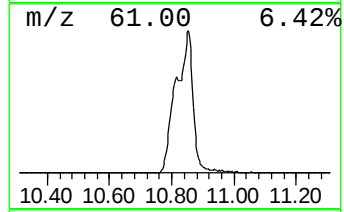
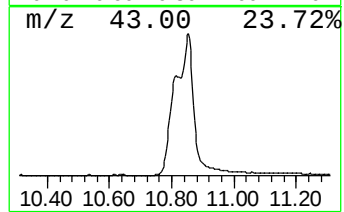
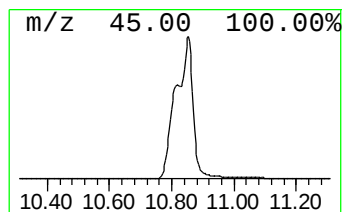
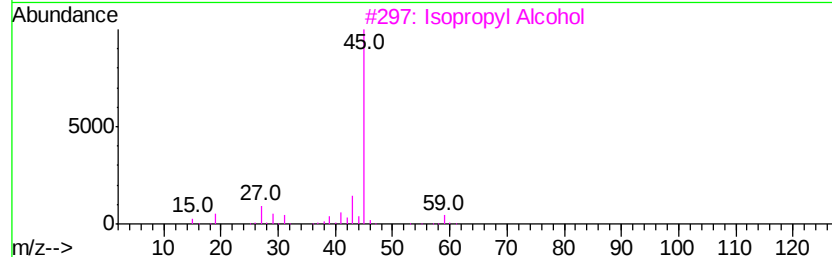
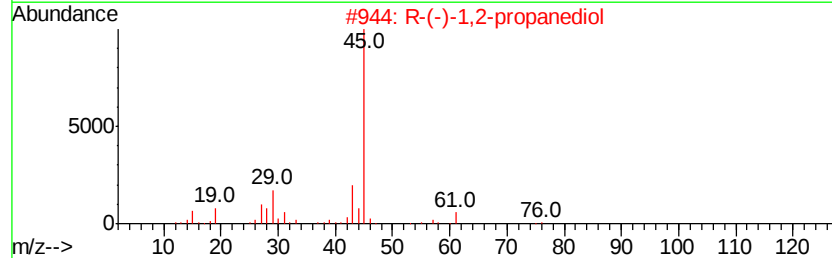
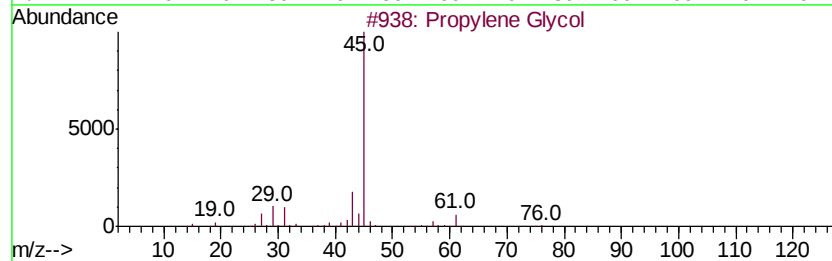
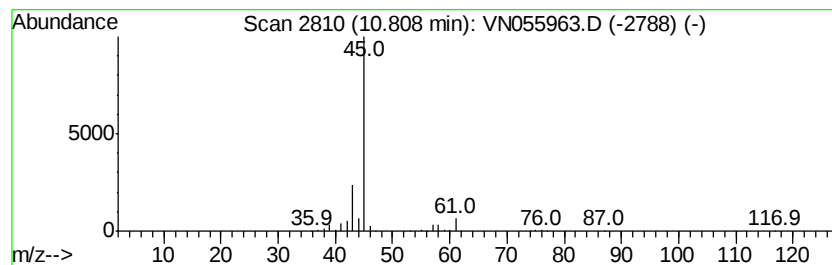
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N052319W.M  
Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

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Peak Number 2 Propylene Glycol Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 10.81 | 28.57 ug/l | 825325 | Chlorobenzene-d5 | 11.41 |

| Hit# | of | Tentative ID            | MW | MolForm | CAS#        | Qual |
|------|----|-------------------------|----|---------|-------------|------|
| 1    | 5  | Propylene Glycol        | 76 | C3H8O2  | 000057-55-6 | 90   |
| 2    |    | R-(-)-1,2-propanediol   | 76 | C3H8O2  | 004254-14-2 | 78   |
| 3    |    | Isopropyl Alcohol       | 60 | C3H8O   | 000067-63-0 | 72   |
| 4    |    | (S)-(+)-1,2-Propanediol | 76 | C3H8O2  | 004254-15-3 | 9    |
| 5    |    | Propane, 2-ethoxy-      | 88 | C5H12O  | 000625-54-7 | 9    |



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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampled :  
COMP-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052319W.M  
Quant Title : SW846 8260

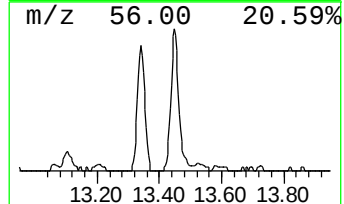
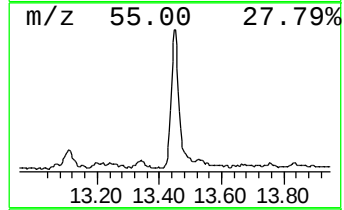
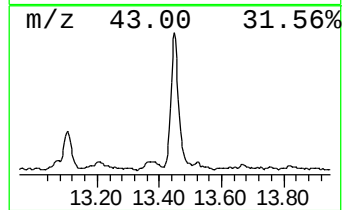
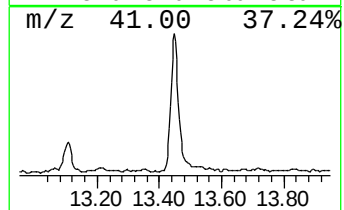
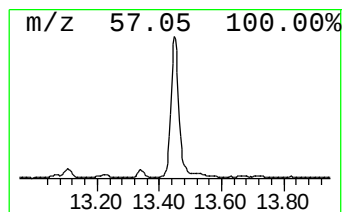
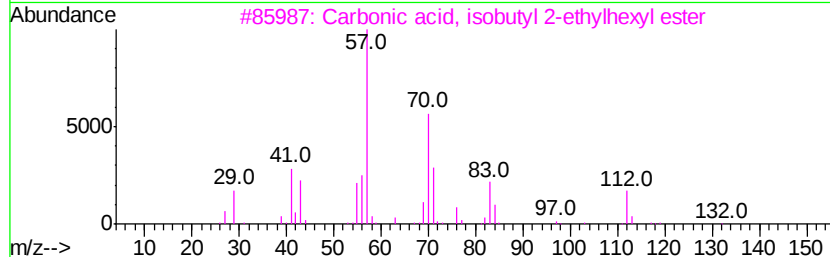
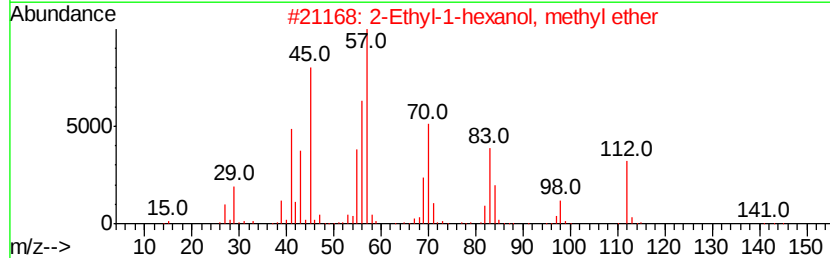
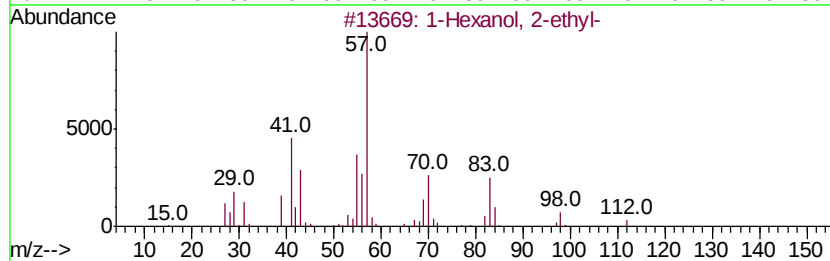
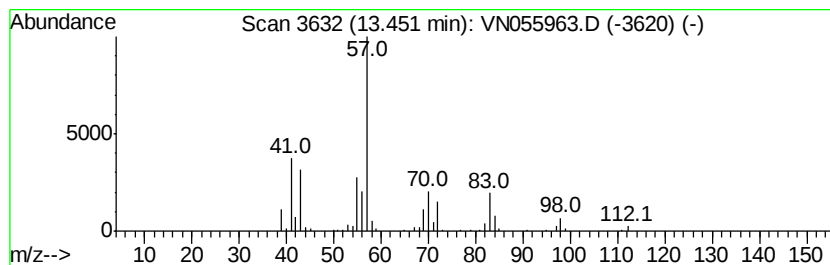
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 2

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 13.45 | 8.68 ug/l | 182301 | 1,4-Dichlorobenzene-d4 | 13.34 |

| Hit# | of | Tentative ID                            | MW  | MolForm  | CAS#         | Qual |
|------|----|-----------------------------------------|-----|----------|--------------|------|
| 1    | 5  | 1-Hexanol, 2-ethyl-                     | 130 | C8H18O   | 000104-76-7  | 86   |
| 2    |    | 2-Ethyl-1-hexanol, methyl ether         | 144 | C9H20O   | 1000365-10-2 | 50   |
| 3    |    | Carbonic acid, isobutyl 2-ethylhexyl... | 230 | C13H26O3 | 1000357-82-9 | 42   |
| 4    |    | Octane, 2,3-dimethyl-                   | 142 | C10H22   | 007146-60-3  | 40   |
| 5    |    | 1-Pentanol, 2-ethyl-4-methyl-           | 130 | C8H18O   | 000106-67-2  | 40   |



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| TIC Top Hit name    | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|---------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                     |       |         |       |          | #                     | RT    | Resp    | Conc |
| Propanal            | 3.70  | 7.1     | ug/l  | 128654   | 1                     | 7.66  | 902461  | 50.0 |
| Propylene Glycol    | 10.81 | 28.6    | ug/l  | 825325   | 3                     | 11.41 | 1444500 | 50.0 |
| 1-Hexanol, 2-ethyl- | 13.45 | 8.7     | ug/l  | 182301   | 4                     | 13.34 | 1050420 | 50.0 |