

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110520\  
 Data File : VU041111.D  
 Acq On : 05 Nov 2020 17:49  
 Operator : SY/MD  
 Sample : L4648-05  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AB2

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\_U\METHOD\SOMUTR102620WMA.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         | 1.604       | 75            | 82          | 91           | rVB      | 24024          | 26031         | 2.25%           | 0.765%        |
| 2         | 1.922       | 173           | 181         | 195          | rVB      | 20585          | 26124         | 2.26%           | 0.768%        |
| 3         | 2.089       | 225           | 233         | 241          | rBV      | 13929          | 18499         | 1.60%           | 0.544%        |
| 4         | 2.147       | 241           | 251         | 265          | rVB      | 136093         | 199010        | 17.24%          | 5.851%        |
| 5         | 2.578       | 374           | 385         | 399          | rBV      | 38384          | 61792         | 5.35%           | 1.817%        |
| 6         | 2.839       | 440           | 466         | 471          | rBV2     | 11805          | 38518         | 3.34%           | 1.132%        |
| 7         | 3.597       | 690           | 702         | 718          | rBV3     | 9493           | 21353         | 1.85%           | 0.628%        |
| 8         | 4.649       | 1013          | 1029        | 1060         | rBV      | 53524          | 156855        | 13.59%          | 4.611%        |
| 9         | 5.083       | 1148          | 1164        | 1181         | rBV      | 41869          | 93594         | 8.11%           | 2.752%        |
| 10        | 5.739       | 1349          | 1368        | 1393         | rBV2     | 73988          | 201749        | 17.48%          | 5.931%        |
| 11        | 6.263       | 1517          | 1531        | 1544         | rBV      | 69747          | 127949        | 11.08%          | 3.762%        |
| 12        | 6.552       | 1610          | 1621        | 1635         | rVB      | 33613          | 61295         | 5.31%           | 1.802%        |
| 13        | 6.703       | 1655          | 1668        | 1684         | rBV3     | 51667          | 99642         | 8.63%           | 2.929%        |
| 14        | 7.575       | 1927          | 1939        | 1953         | rVB2     | 24211          | 41628         | 3.61%           | 1.224%        |
| 15        | 7.723       | 1971          | 1985        | 2001         | rBB2     | 12365          | 23099         | 2.00%           | 0.679%        |
| 16        | 7.906       | 2029          | 2042        | 2058         | rBV2     | 78369          | 134665        | 11.67%          | 3.959%        |
| 17        | 8.186       | 2115          | 2129        | 2139         | rBV2     | 17104          | 28432         | 2.46%           | 0.836%        |
| 18        | 8.559       | 2232          | 2245        | 2259         | rBV      | 691525         | 1154396       | 100.00%         | 33.938%       |
| 19        | 8.639       | 2259          | 2270        | 2299         | rVB      | 193719         | 346399        | 30.01%          | 10.184%       |
| 20        | 9.420       | 2501          | 2513        | 2530         | rBV      | 106424         | 175484        | 15.20%          | 5.159%        |
| 21        | 10.755      | 2917          | 2928        | 2942         | rVB      | 46454          | 74281         | 6.43%           | 2.184%        |
| 22        | 11.806      | 3244          | 3255        | 3269         | rVB      | 95446          | 151194        | 13.10%          | 4.445%        |
| 23        | 12.189      | 3363          | 3374        | 3387         | rVB      | 85290          | 139526        | 12.09%          | 4.102%        |

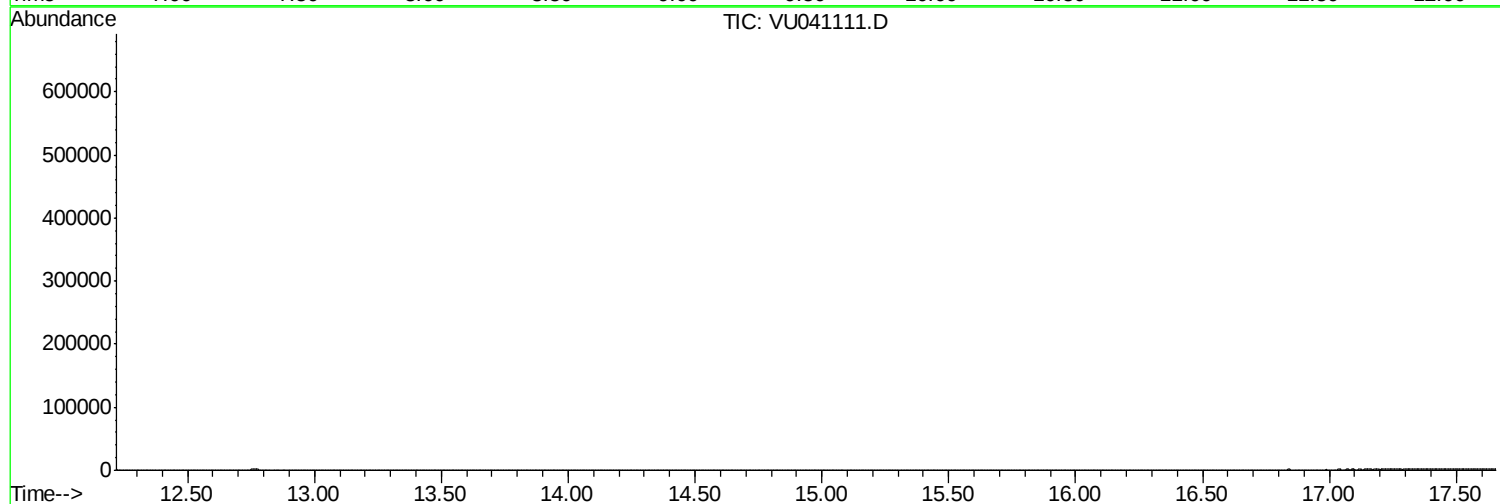
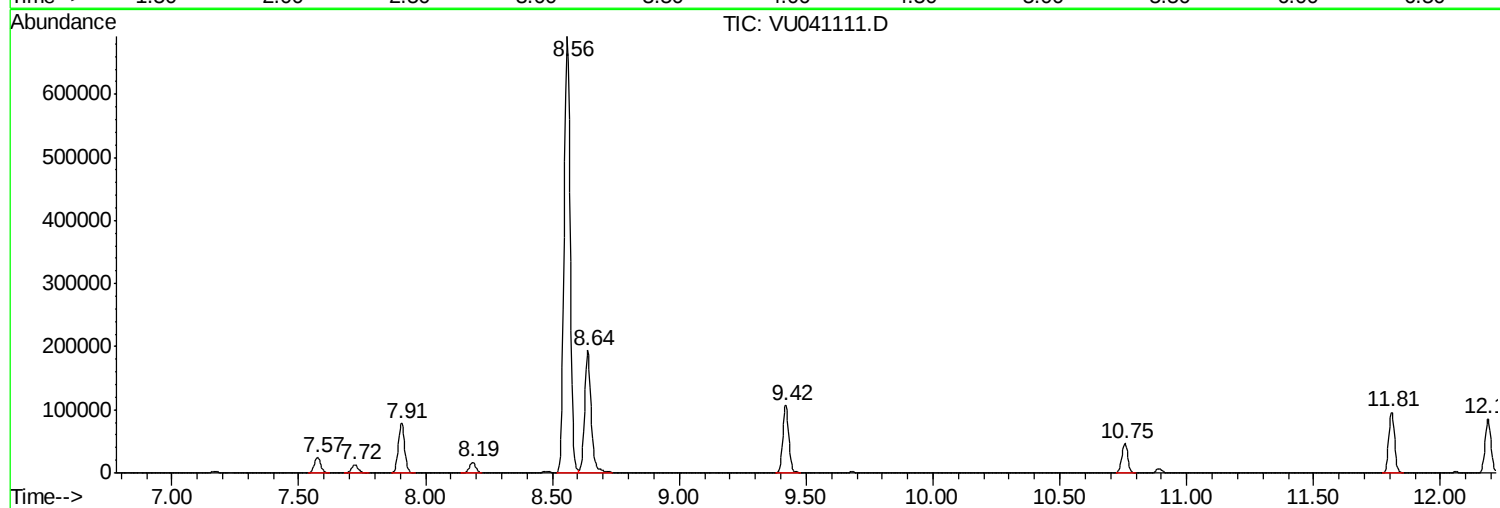
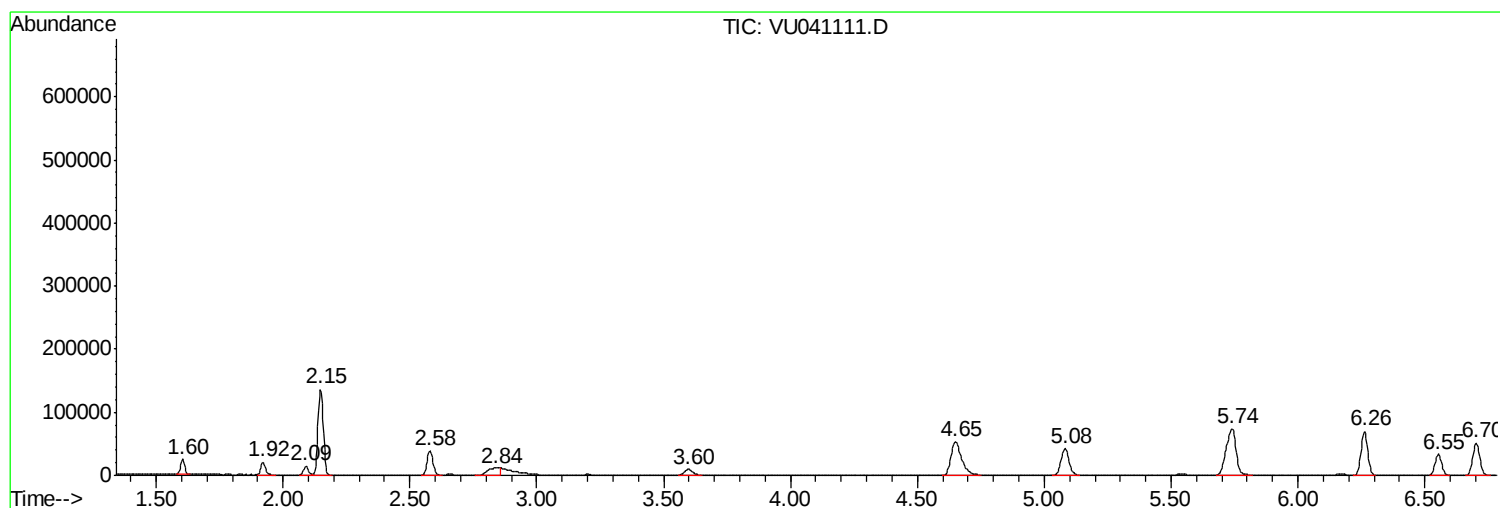
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ClientSampleId :  
C0AB2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR102620WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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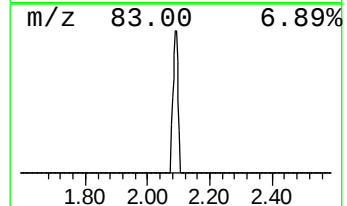
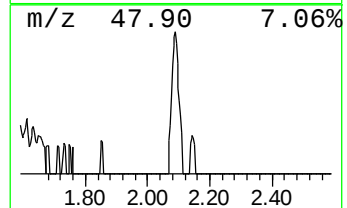
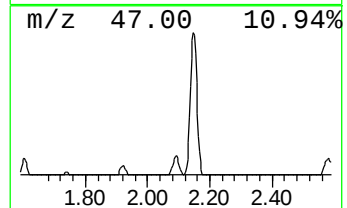
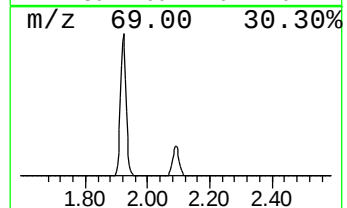
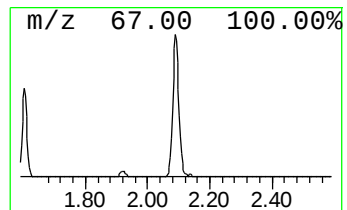
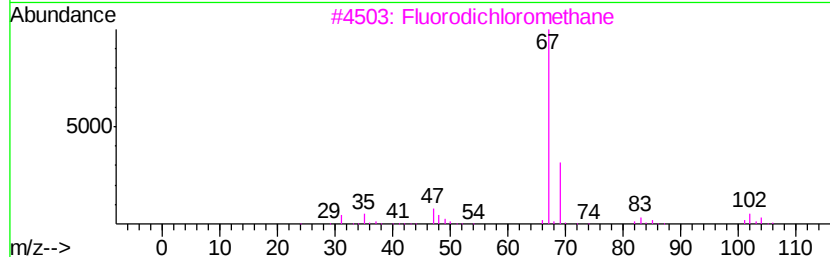
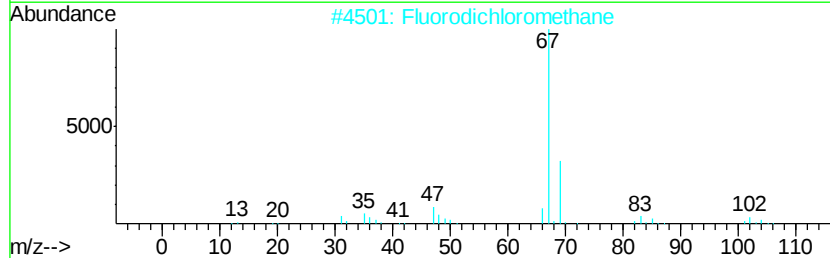
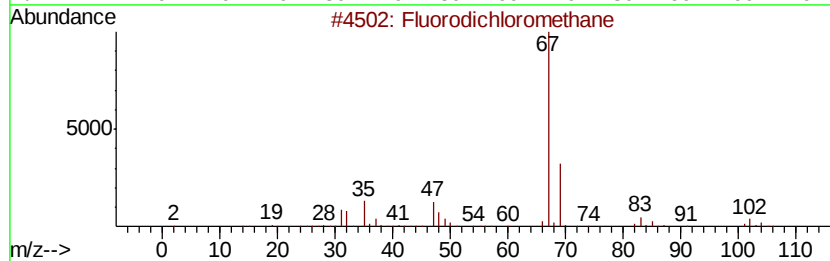
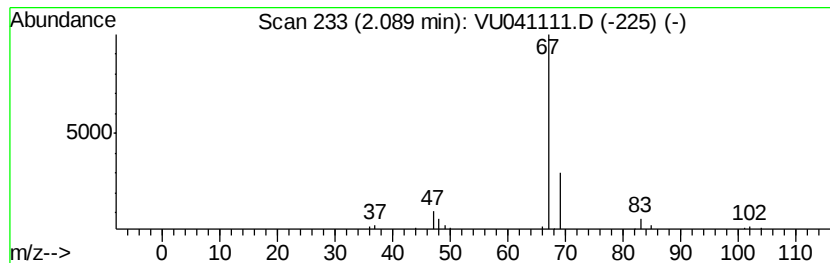
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR102620WMA.M  
Quant Title : TRACE VOA SOM01.0

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

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Peak Number 1 Fluorodichloromethane Concentration Rank 5

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 2.09 | 0.72 ug/L | 18499 | 1,4-Difluorobenzene | 6.26 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Fluorodichloromethane      | 102 | CHCl2F  | 000075-43-4 | 91   |
| 2    |    | Fluorodichloromethane      | 102 | CHCl2F  | 000075-43-4 | 91   |
| 3    |    | Fluorodichloromethane      | 102 | CHCl2F  | 000075-43-4 | 78   |
| 4    |    | Chlorine dioxide           | 67  | ClO2    | 010049-04-4 | 5    |
| 5    |    | Methanamine, N,N-difluoro- | 67  | CH3F2N  | 000753-58-2 | 5    |



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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR102620WMA.M  
Quant Title : TRACE VOA SOM01.0

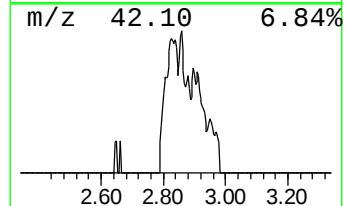
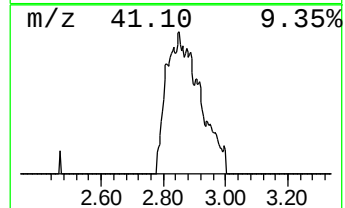
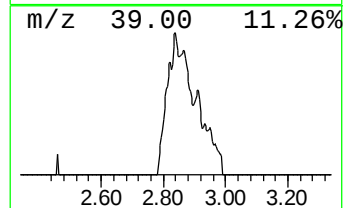
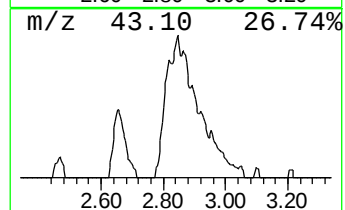
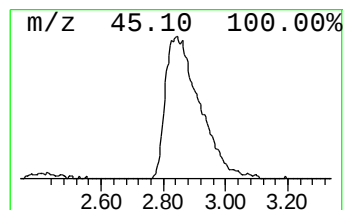
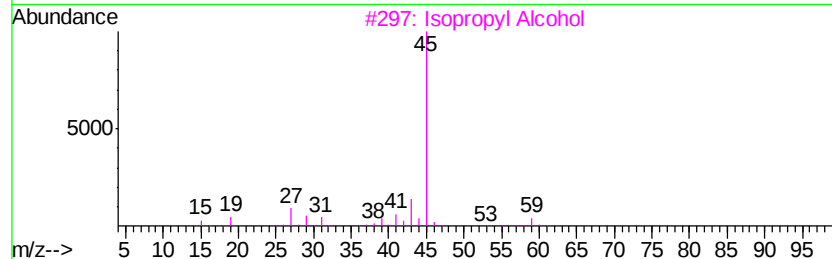
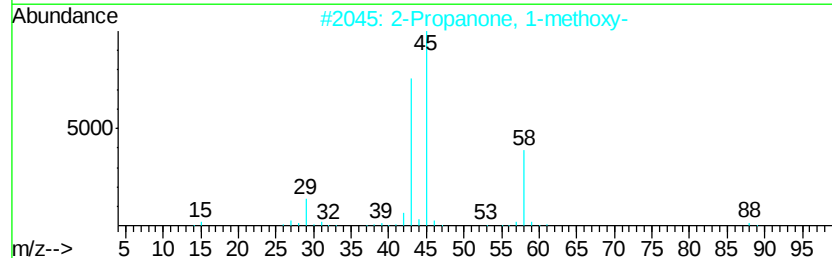
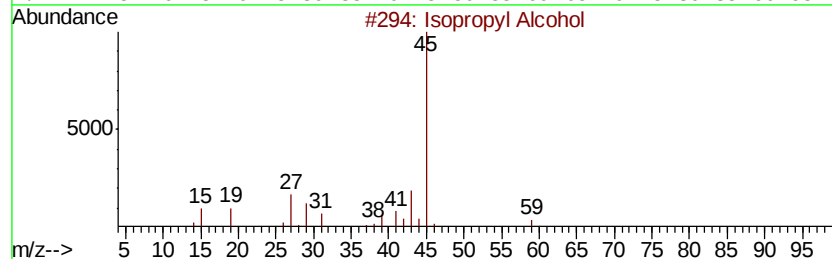
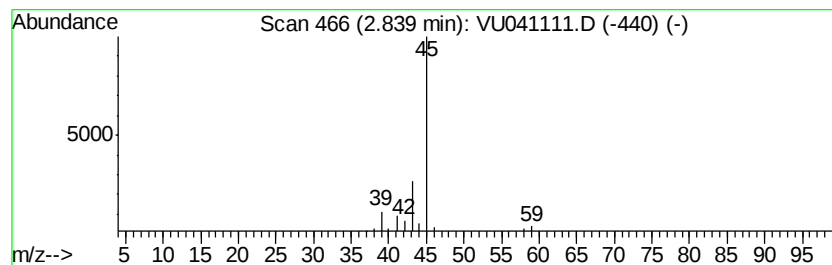
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Isopropyl Alcohol Concentration Rank 2

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 2.84 | 1.51 ug/L | 38518 | 1,4-Difluorobenzene | 6.26 |

| Hit# | of | Tentative ID            | MW | MolForm | CAS#        | Qual |
|------|----|-------------------------|----|---------|-------------|------|
| 1    | 5  | Isopropyl Alcohol       | 60 | C3H8O   | 000067-63-0 | 74   |
| 2    |    | 2-Propanone, 1-methoxy- | 88 | C4H8O2  | 005878-19-3 | 9    |
| 3    |    | Isopropyl Alcohol       | 60 | C3H8O   | 000067-63-0 | 9    |
| 4    |    | Isopropyl Alcohol       | 60 | C3H8O   | 000067-63-0 | 9    |
| 5    |    | Ethylamine              | 45 | C2H7N   | 000075-04-7 | 4    |



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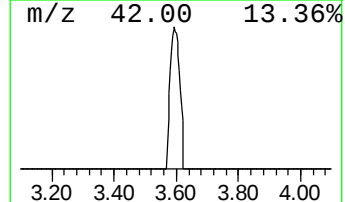
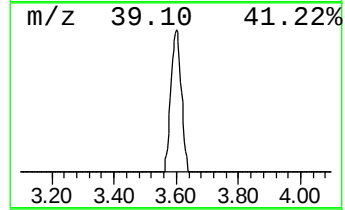
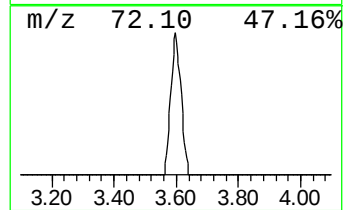
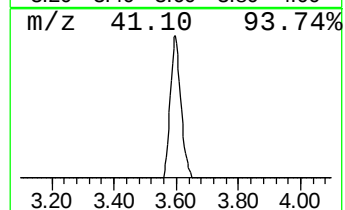
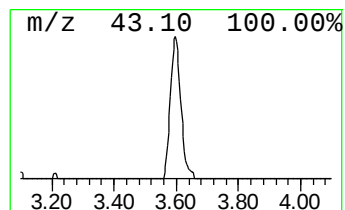
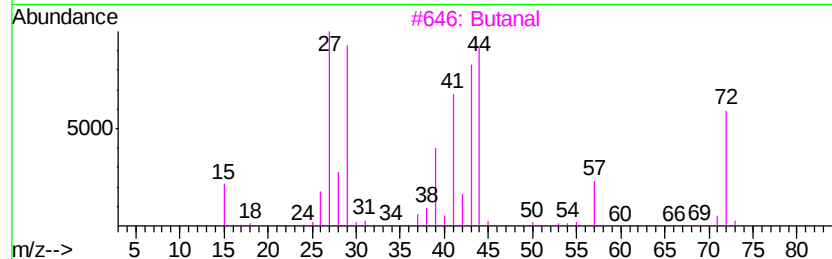
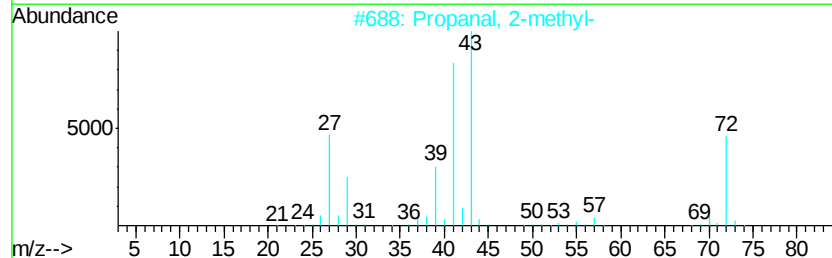
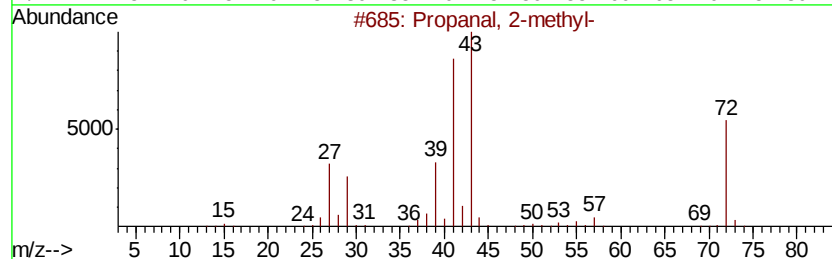
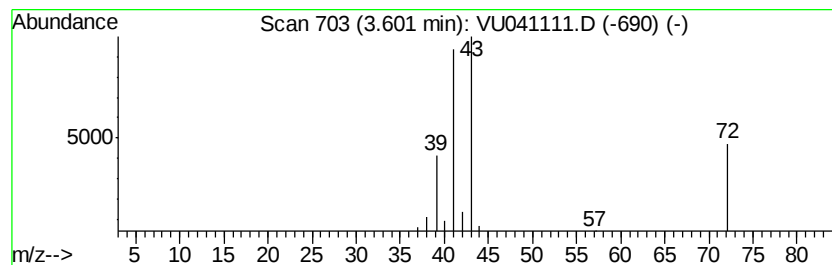
Instrument :  
MSVOA\_U  
ClientSampleId :  
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Quant Title : TRACE VOA SOM01.0

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

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Peak Number 3 Propanal, 2-methyl- Concentration Rank 4

| R.T.      | EstConc             | Area  | Relative to ISTD    | R.T.        |      |
|-----------|---------------------|-------|---------------------|-------------|------|
| 3.60      | 0.83 ug/L           | 21353 | 1,4-Difluorobenzene | 6.26        |      |
| Hit# of 5 | Tentative ID        | MW    | MolForm             | CAS#        | Qual |
| 1         | Propanal, 2-methyl- | 72    | C4H8O               | 000078-84-2 | 90   |
| 2         | Propanal, 2-methyl- | 72    | C4H8O               | 000078-84-2 | 90   |
| 3         | Butanal             | 72    | C4H8O               | 000123-72-8 | 72   |
| 4         | Propanal, 2-methyl- | 72    | C4H8O               | 000078-84-2 | 38   |
| 5         | Propane, 1-nitro-   | 89    | C3H7NO2             | 000108-03-2 | 33   |



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C0AB2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR102620WMA.M  
Quant Title : TRACE VOA SOM01.0

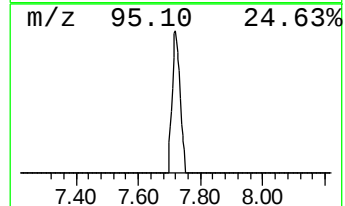
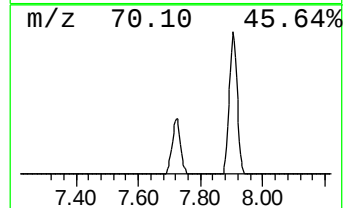
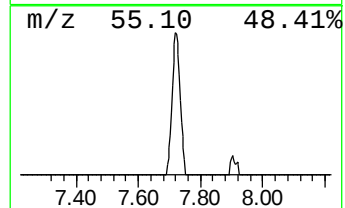
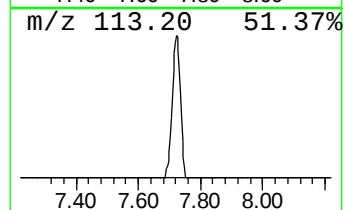
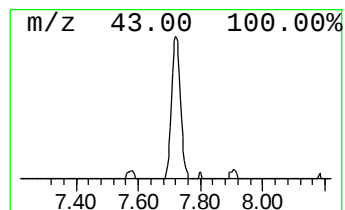
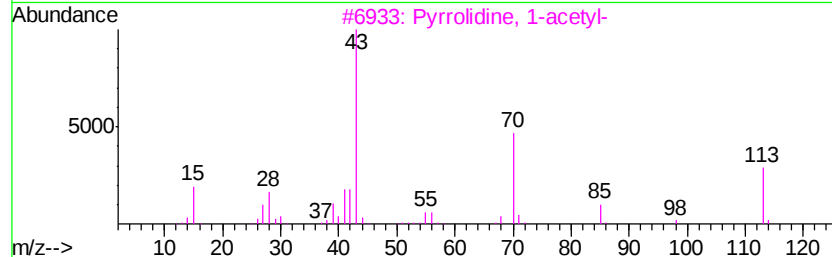
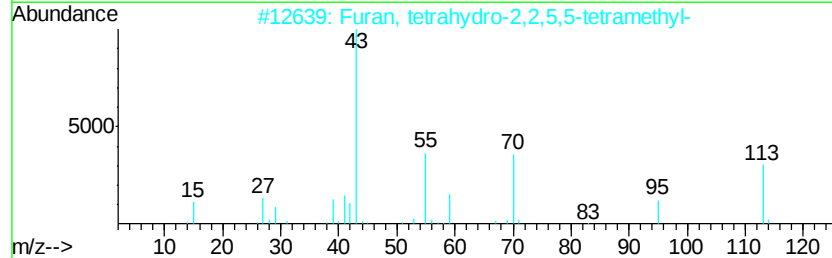
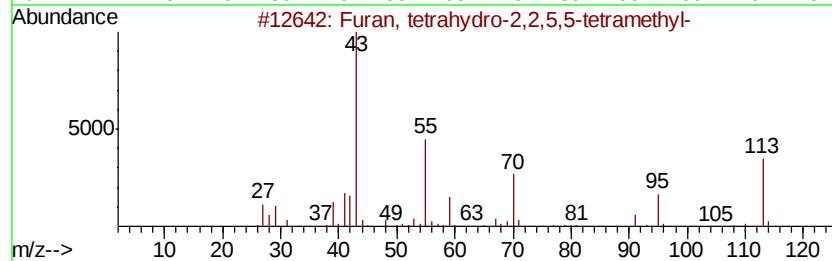
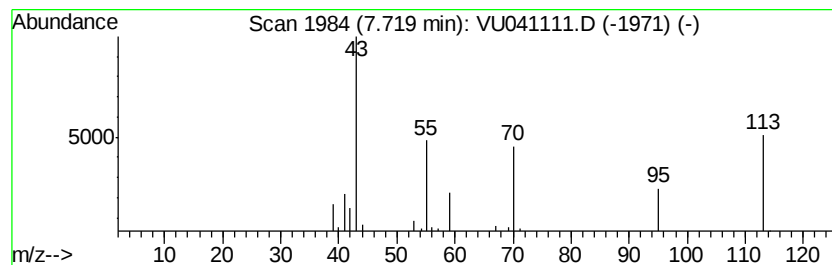
TIC Library : C:\DATABASE\NIST11.L  
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Peak Number 5 Furan, tetrahydro-2,2,5,5-t... Concentration Rank 3

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|------|-----------|-------|---------------------|------|
| 7.72 | 0.90 ug/L | 23099 | 1,4-Difluorobenzene | 6.26 |

| Hit# of | 5                                   | Tentative ID | MW       | MolForm     | CAS# | Qual |
|---------|-------------------------------------|--------------|----------|-------------|------|------|
| 1       | Furan, tetrahydro-2,2,5,5-tetram... | 128          | C8H16O   | 015045-43-9 | 83   |      |
| 2       | Furan, tetrahydro-2,2,5,5-tetram... | 128          | C8H16O   | 015045-43-9 | 72   |      |
| 3       | Pyrrolidine, 1-acetyl-              | 113          | C6H11NO  | 004030-18-6 | 53   |      |
| 4       | Ethosuximide                        | 141          | C7H11NO2 | 000077-67-8 | 50   |      |
| 5       | Ethosuximide                        | 141          | C7H11NO2 | 000077-67-8 | 50   |      |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Fluorodichloromet... | 2.09 | 0.7     | ug/L  | 18499    | 1                     | 6.26 | 127949 | 5.0  |
| Isopropyl Alcohol    | 2.84 | 1.5     | ug/L  | 38518    | 1                     | 6.26 | 127949 | 5.0  |
| Propanal, 2-methyl-  | 3.60 | 0.8     | ug/L  | 21353    | 1                     | 6.26 | 127949 | 5.0  |
| Furan, tetrahydro... | 7.72 | 0.9     | ug/L  | 23099    | 1                     | 6.26 | 127949 | 5.0  |