

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111123\  
 Data File : VU056230.D  
 Acq On : 11 Nov 2023 21:19  
 Operator : MD/SY  
 Sample : 05371-04  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GCDN1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.1

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR110723WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU056230.D\data.ms

| 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         | 1.595       | 87            | 95          | 108          | rVB      | 120463         | 138141        | 2.09%           | 0.772%        |
| 2         | 1.910       | 185           | 193         | 212          | rBV      | 103895         | 148602        | 2.24%           | 0.831%        |
| 3         | 2.451       | 349           | 361         | 375          | rVB2     | 85909          | 141582        | 2.14%           | 0.791%        |
| 4         | 2.563       | 384           | 396         | 408          | rBV      | 218935         | 356694        | 5.39%           | 1.994%        |
| 5         | 2.640       | 408           | 420         | 457          | rVB2     | 123661         | 330847        | 5.00%           | 1.849%        |
| 6         | 2.869       | 457           | 491         | 495          | rBV2     | 30154          | 119624        | 1.81%           | 0.669%        |
| 7         | 4.627       | 1020          | 1038        | 1058         | rBV      | 160214         | 501568        | 7.57%           | 2.804%        |
| 8         | 5.055       | 1156          | 1171        | 1195         | rBV      | 224530         | 513828        | 7.76%           | 2.872%        |
| 9         | 5.721       | 1357          | 1378        | 1403         | rBV3     | 425788         | 1115248       | 16.84%          | 6.234%        |
| 10        | 6.245       | 1527          | 1541        | 1569         | rBV      | 424531         | 824605        | 12.45%          | 4.609%        |
| 11        | 6.537       | 1619          | 1632        | 1651         | rBV      | 289621         | 550875        | 8.32%           | 3.079%        |
| 12        | 6.685       | 1664          | 1678        | 1698         | rBV2     | 262208         | 516232        | 7.79%           | 2.885%        |
| 13        | 7.161       | 1814          | 1826        | 1843         | rBV2     | 35214          | 68063         | 1.03%           | 0.380%        |
| 14        | 7.563       | 1938          | 1951        | 1972         | rBV      | 126042         | 231349        | 3.49%           | 1.293%        |
| 15        | 7.894       | 2040          | 2054        | 2074         | rBV      | 495207         | 889066        | 13.42%          | 4.969%        |
| 16        | 8.177       | 2131          | 2142        | 2166         | rBV      | 75672          | 135691        | 2.05%           | 0.758%        |
| 17        | 8.547       | 2243          | 2257        | 2273         | rBV      | 3839107        | 6623105       | 100.00%         | 37.020%       |
| 18        | 8.630       | 2273          | 2283        | 2315         | rVB      | 643698         | 1272811       | 19.22%          | 7.114%        |
| 19        | 9.415       | 2513          | 2527        | 2552         | rBV      | 600620         | 1045987       | 15.79%          | 5.847%        |
| 20        | 10.753      | 2928          | 2943        | 2957         | rBV      | 211767         | 347699        | 5.25%           | 1.943%        |
| 21        | 11.807      | 3259          | 3271        | 3293         | rBV      | 595838         | 977997        | 14.77%          | 5.467%        |
| 22        | 12.061      | 3337          | 3350        | 3378         | rBV2     | 79528          | 210969        | 3.19%           | 1.179%        |
| 23        | 12.190      | 3378          | 3390        | 3404         | rVV      | 495634         | 830030        | 12.53%          | 4.639%        |

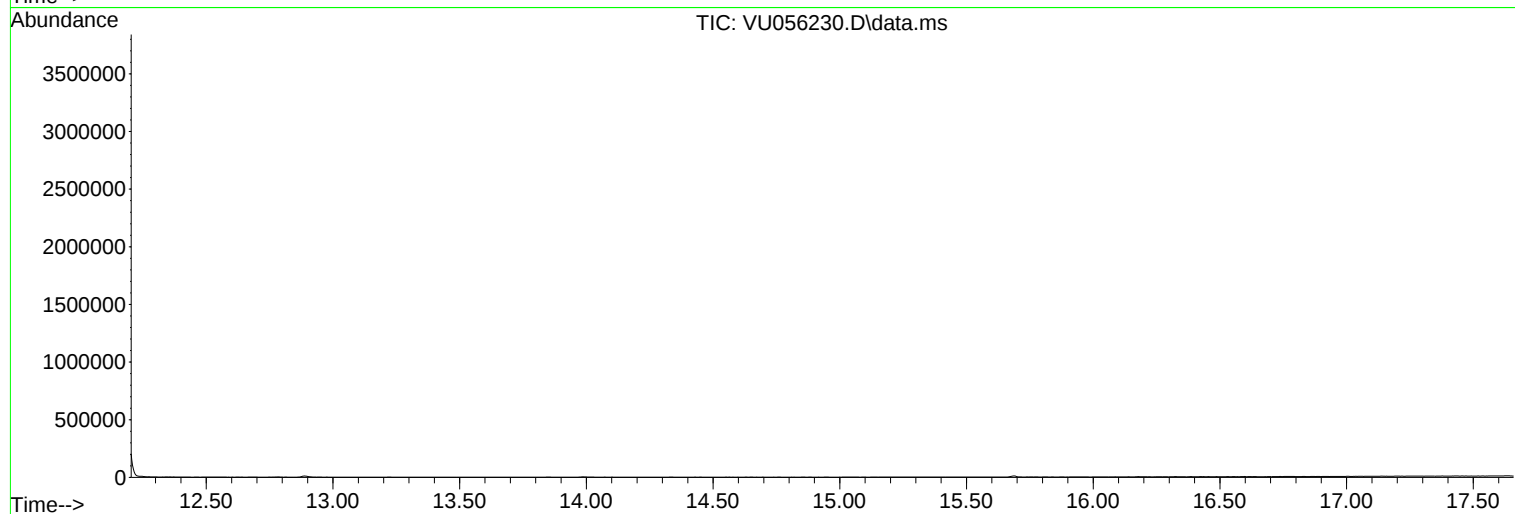
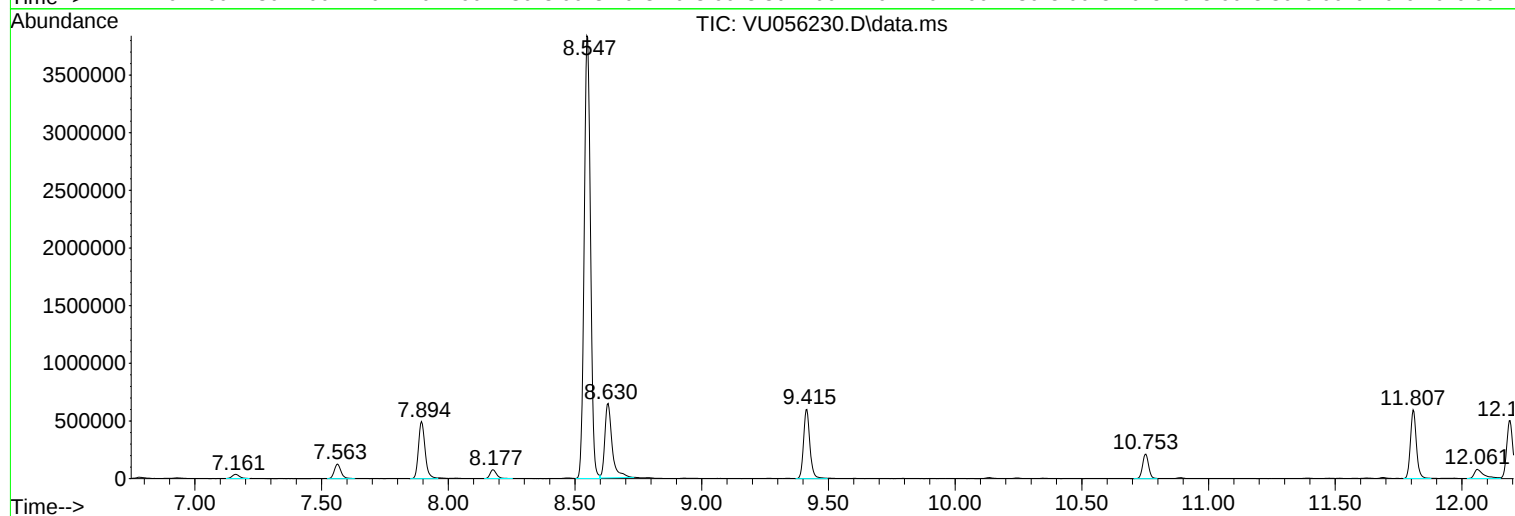
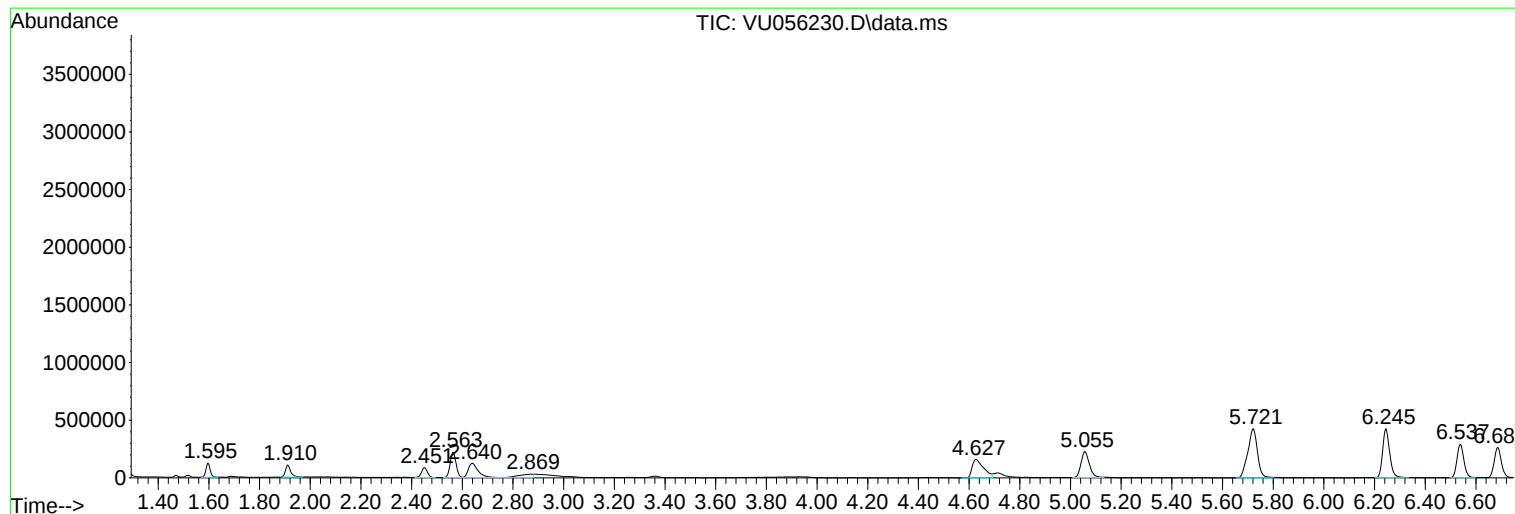
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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GCDN1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR110723WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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Instrument :  
MSVOA\_U  
ClientSampleId :  
GCDN1

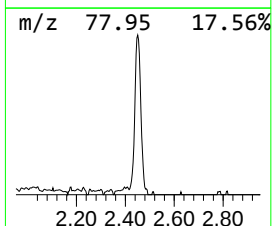
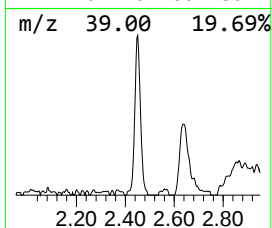
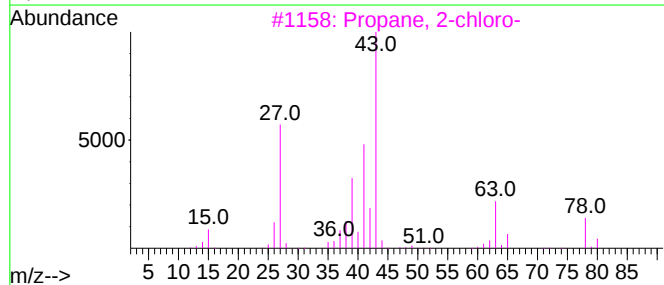
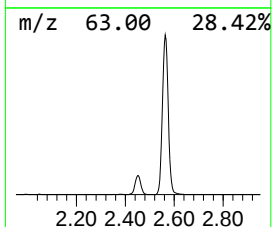
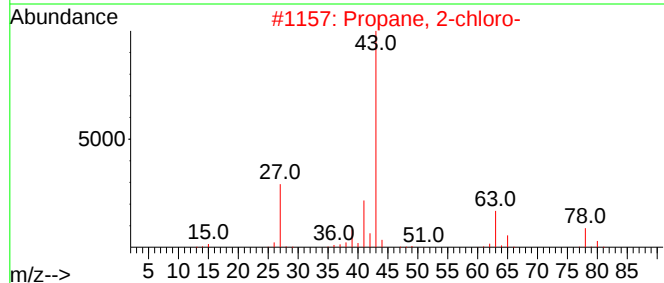
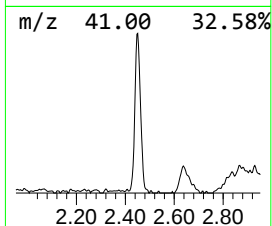
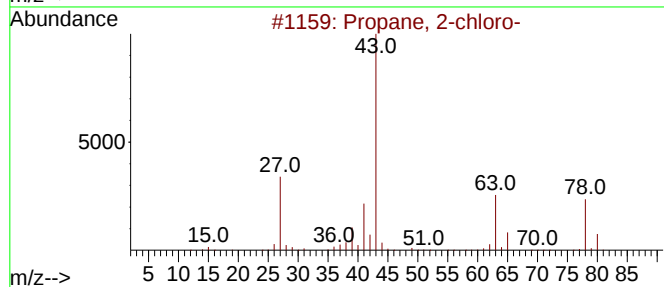
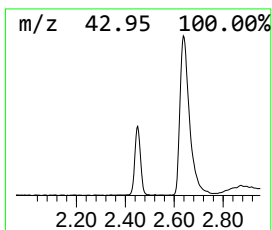
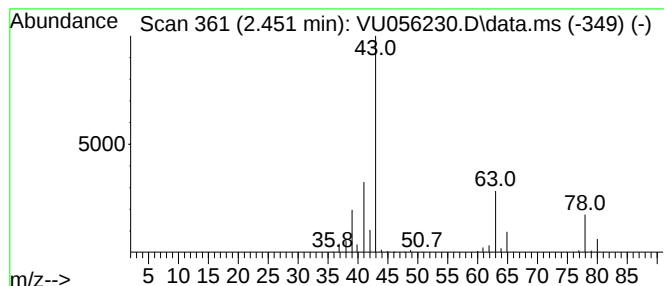
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR110723WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Propane, 2-chloro- Concentration Rank 3

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 2.451 | 0.86 ug/L | 141582 | 1,4-Difluorobenzene | 6.245 |

| Hit# | of                 | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|--------------------|---|--------------|----|---------|-------------|------|
| 1    | Propane, 2-chloro- |   |              | 78 | C3H7Cl  | 000075-29-6 | 91   |
| 2    | Propane, 2-chloro- |   |              | 78 | C3H7Cl  | 000075-29-6 | 58   |
| 3    | Propane, 2-chloro- |   |              | 78 | C3H7Cl  | 000075-29-6 | 45   |
| 4    | Acetyl chloride    |   |              | 78 | C2H3ClO | 000075-36-5 | 4    |
| 5    | Propane, 2-nitro-  |   |              | 89 | C3H7NO2 | 000079-46-9 | 4    |



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Instrument :  
MSVOA\_U  
ClientSampleId :  
GCDN1

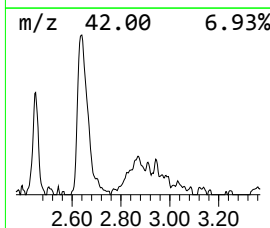
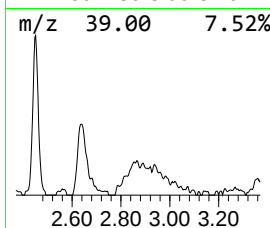
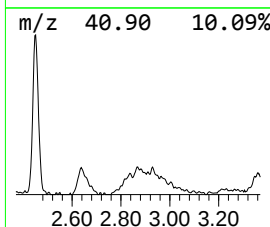
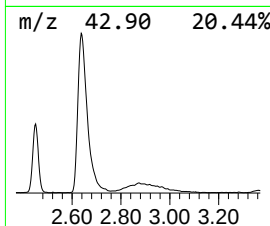
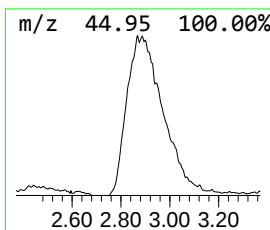
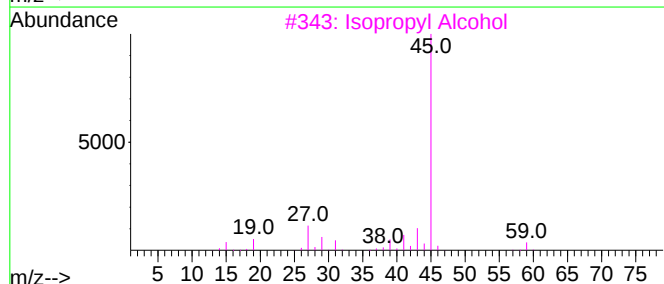
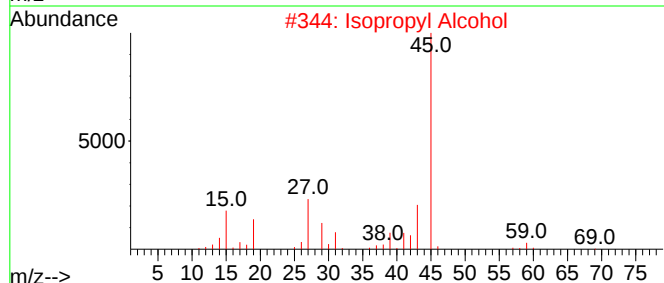
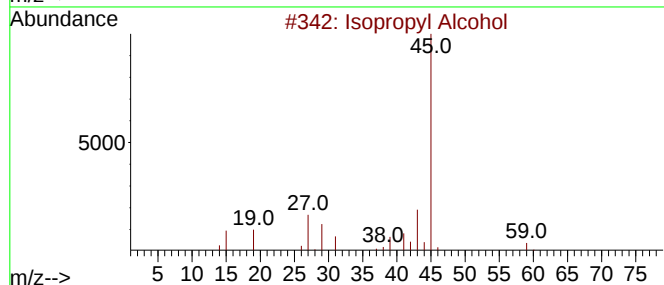
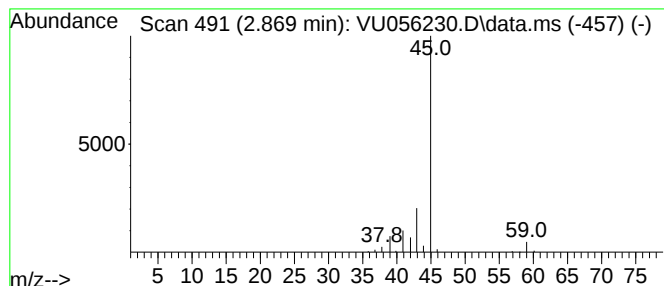
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR110723WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Isopropyl Alcohol Concentration Rank 4

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 2.869 | 0.73 ug/L | 119624 | 1,4-Difluorobenzene | 6.245 |

| Hit# | of | 5 | Tentative ID             | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|----|---------|-------------|------|
| 1    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 78   |
| 2    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 72   |
| 3    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 56   |
| 4    |    |   | Hydrazine, 1,2-dimethyl- | 60 | C2H8N2  | 000540-73-8 | 9    |
| 5    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 7    |



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Instrument :  
MSVOA\_U  
ClientSampleId :  
GCDN1

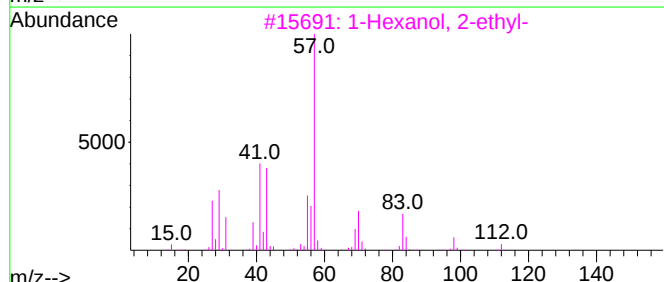
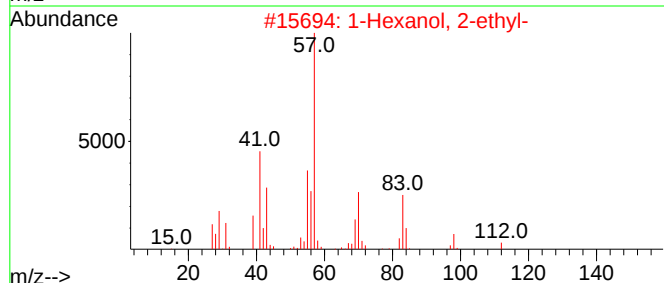
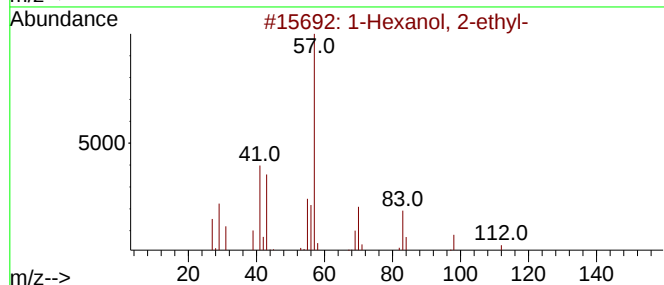
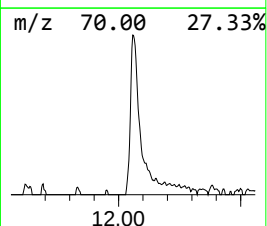
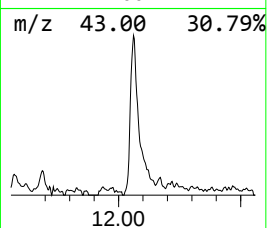
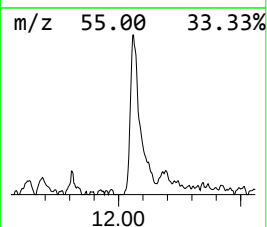
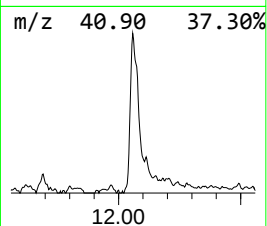
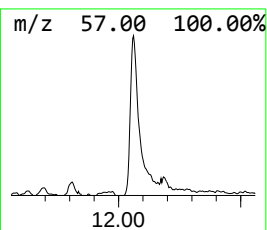
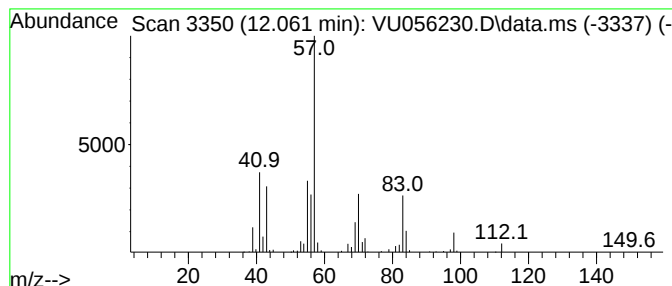
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR110723WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 2

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.061 | 1.08 ug/L | 210969 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Hexanol, 2-ethyl- | 130 | C8H18O  | 000104-76-7 | 90   |
| 2    |    |   | 1-Hexanol, 2-ethyl- | 130 | C8H18O  | 000104-76-7 | 90   |
| 3    |    |   | 1-Hexanol, 2-ethyl- | 130 | C8H18O  | 000104-76-7 | 78   |
| 4    |    |   | 2-Propyl-1-pentanol | 130 | C8H18O  | 058175-57-8 | 64   |
| 5    |    |   | 1-Hexanol, 2-ethyl- | 130 | C8H18O  | 000104-76-7 | 59   |



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TIC Library : C:\Database\NIST20.L  
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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Propane, 2-chloro- | 2.451  | 0.9     | ug/L  | 141582   | 1                     | 6.245  | 824605 | 5.0  |
| Isopropyl Alcohol  | 2.869  | 0.7     | ug/L  | 119624   | 1                     | 6.245  | 824605 | 5.0  |
| 1-Hexanol, 2-et... | 12.061 | 1.1     | ug/L  | 210969   | 3                     | 11.807 | 977997 | 5.0  |