

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041024\  
 Data File : VU058581.D  
 Acq On : 11 Apr 2024 01:49  
 Operator : MD/SY  
 Sample : P2014-03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E0MD0

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\SFAMUTR040424WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU058581.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         | 1.354       | 13            | 20          | 33           | rVB      | 131014         | 130136        | 6.51%           | 2.848%        |
| 2         | 1.596       | 86            | 95          | 107          | rVB2     | 75112          | 88824         | 4.44%           | 1.944%        |
| 3         | 1.908       | 183           | 192         | 207          | rVB      | 30677          | 39726         | 1.99%           | 0.869%        |
| 4         | 2.560       | 383           | 395         | 411          | rBV2     | 54308          | 90851         | 4.54%           | 1.988%        |
| 5         | 4.653       | 1027          | 1046        | 1100         | rBV      | 840174         | 2000233       | 100.00%         | 43.770%       |
| 6         | 5.052       | 1157          | 1170        | 1193         | rVB2     | 49349          | 110464        | 5.52%           | 2.417%        |
| 7         | 5.714       | 1357          | 1376        | 1408         | rBV2     | 100819         | 258048        | 12.90%          | 5.647%        |
| 8         | 6.242       | 1528          | 1540        | 1558         | rBV      | 105188         | 202603        | 10.13%          | 4.433%        |
| 9         | 6.534       | 1619          | 1631        | 1654         | rBV2     | 65716          | 126595        | 6.33%           | 2.770%        |
| 10        | 6.682       | 1663          | 1677        | 1701         | rBV      | 62741          | 122840        | 6.14%           | 2.688%        |
| 11        | 7.560       | 1938          | 1950        | 1966         | rBV      | 24503          | 44955         | 2.25%           | 0.984%        |
| 12        | 7.891       | 2040          | 2053        | 2076         | rBV      | 115244         | 204415        | 10.22%          | 4.473%        |
| 13        | 8.177       | 2133          | 2142        | 2160         | rBV3     | 13008          | 23138         | 1.16%           | 0.506%        |
| 14        | 8.547       | 2245          | 2257        | 2273         | rBV      | 155112         | 263501        | 13.17%          | 5.766%        |
| 15        | 8.631       | 2273          | 2283        | 2312         | rVV2     | 89528          | 188698        | 9.43%           | 4.129%        |
| 16        | 9.412       | 2514          | 2526        | 2561         | rBV      | 151858         | 257837        | 12.89%          | 5.642%        |
| 17        | 10.750      | 2932          | 2942        | 2955         | rBV2     | 34371          | 56325         | 2.82%           | 1.233%        |
| 18        | 11.807      | 3259          | 3271        | 3290         | rBV      | 129435         | 213060        | 10.65%          | 4.662%        |
| 19        | 12.187      | 3378          | 3389        | 3408         | rBV      | 87539          | 147584        | 7.38%           | 3.230%        |

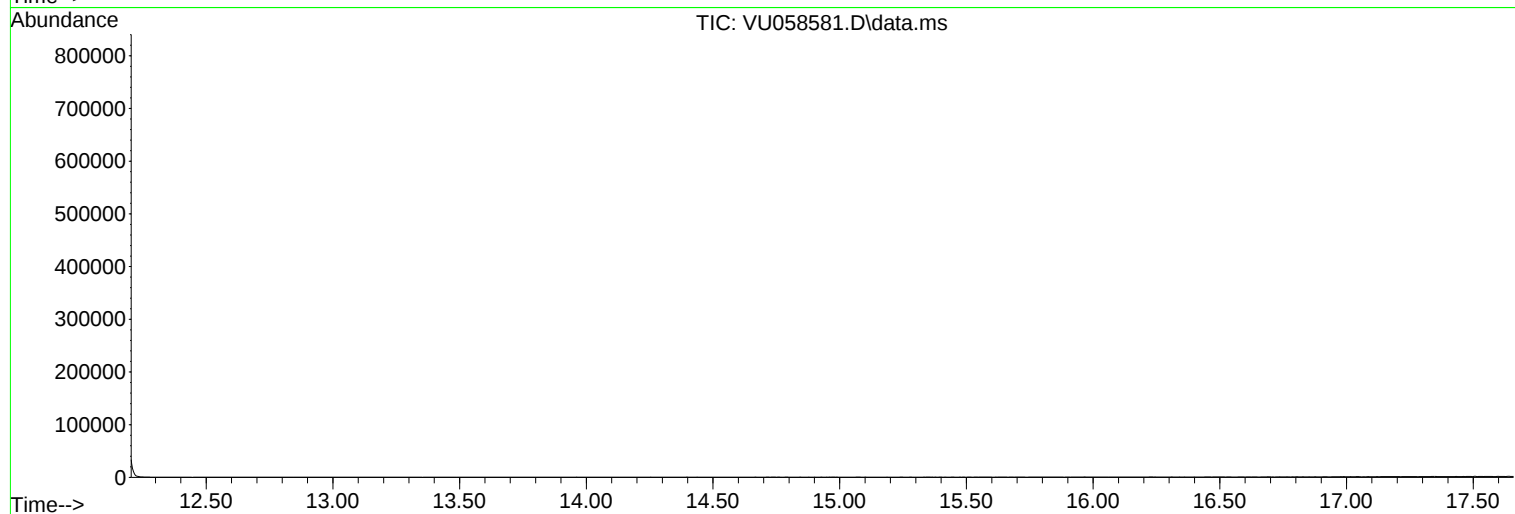
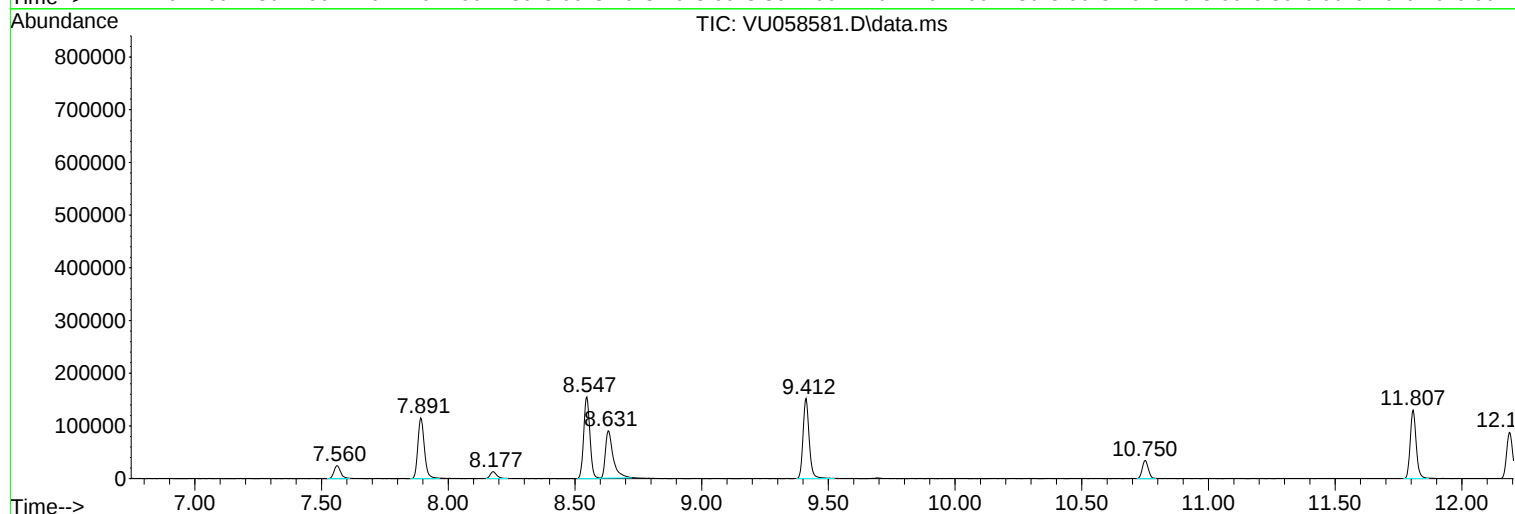
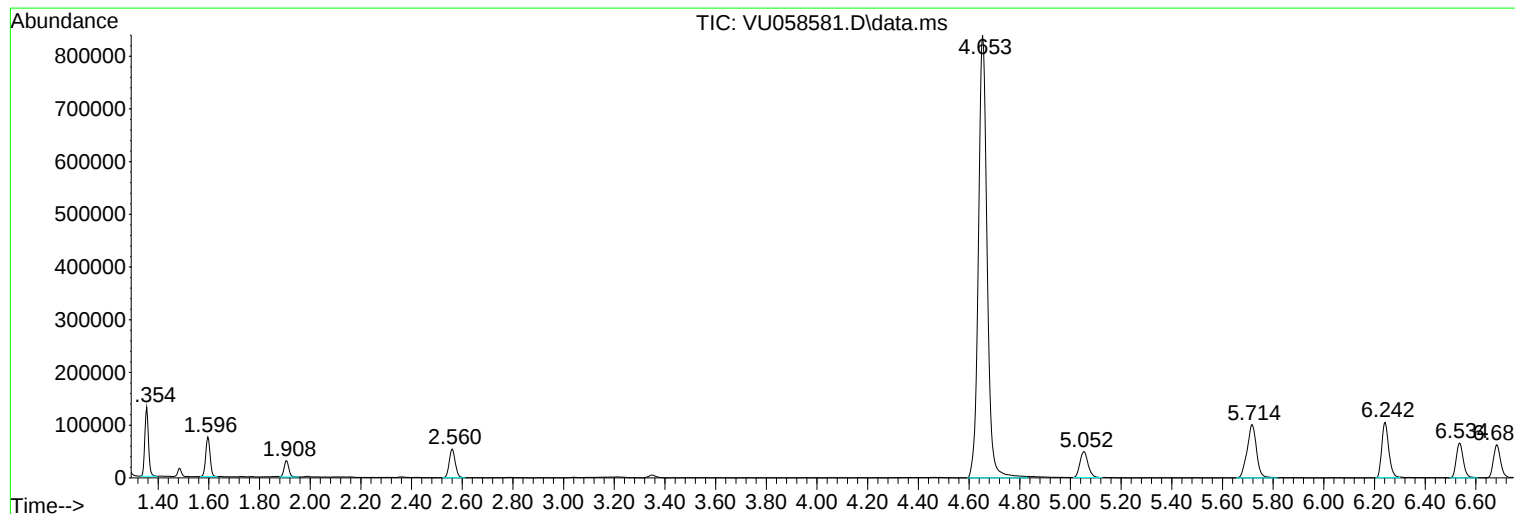
Sum of corrected areas: 4569833

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ClientSampleId :  
E0MD0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR040424WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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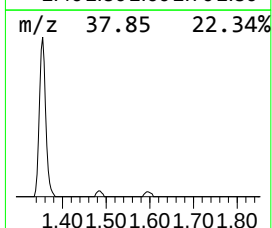
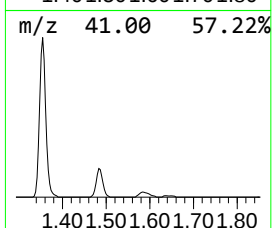
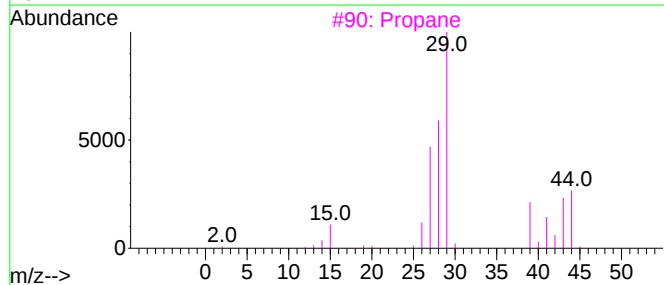
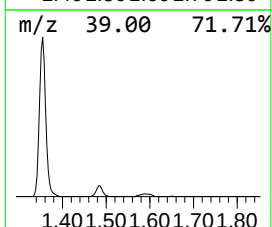
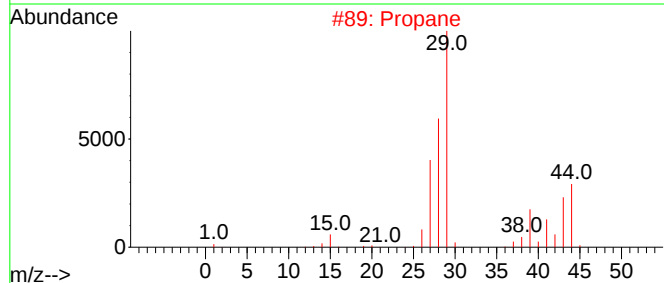
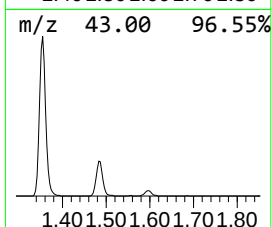
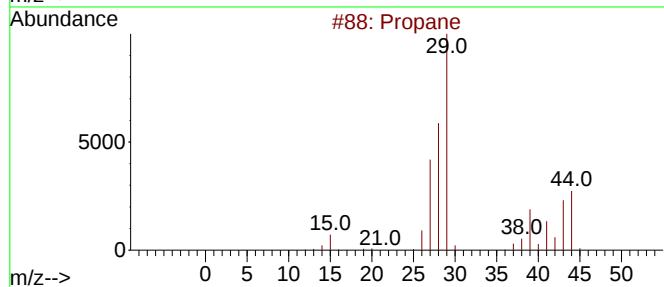
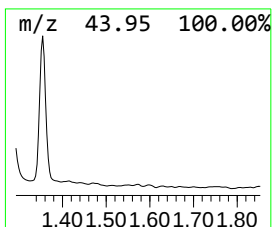
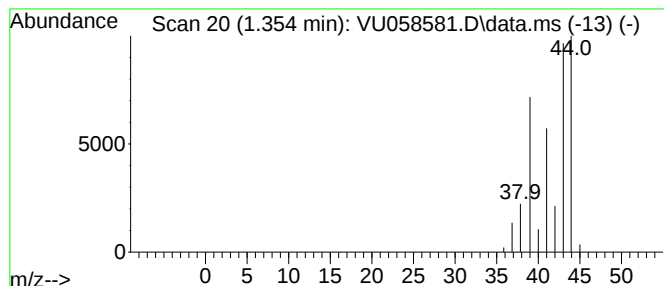
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR040424WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 1.354 | 3.21 ug/L | 130136 | 1,4-Difluorobenzene | 6.242 |

| Hit# | of | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------|----|---------|-------------|------|
| 1    |    |   | Propane      | 44 | C3H8    | 000074-98-6 | 90   |
| 2    |    |   | Propane      | 44 | C3H8    | 000074-98-6 | 83   |
| 3    |    |   | Propane      | 44 | C3H8    | 000074-98-6 | 9    |
| 4    |    |   | Propene      | 42 | C3H6    | 000115-07-1 | 9    |
| 5    |    |   | Acetaldehyde | 44 | C2H4O   | 000075-07-0 | 5    |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| (DEL) Alkane: S... | 1.354 | 3.2     | ug/L  | 130136   | 1                     | 6.242 | 202603 | 5.0  |