

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121423\  
 Data File : VU056858.D  
 Acq On : 15 Dec 2023 00:38  
 Operator : MD/SY  
 Sample : 05731-11  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EOY57

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\SFAMUTR121123WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU056858.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         | 1.357       | 15            | 21          | 28           | rBV      | 57075          | 56328         | 6.50%           | 0.746%        |
| 2         | 1.489       | 55            | 62          | 66           | rBV      | 31069          | 30789         | 3.55%           | 0.408%        |
| 3         | 1.518       | 66            | 71          | 78           | rVB      | 12389          | 13946         | 1.61%           | 0.185%        |
| 4         | 1.599       | 84            | 96          | 108          | rBV3     | 124221         | 163422        | 18.86%          | 2.165%        |
| 5         | 1.727       | 130           | 136         | 144          | rVB      | 17180          | 18698         | 2.16%           | 0.248%        |
| 6         | 1.907       | 184           | 192         | 208          | rVB      | 73423          | 106039        | 12.24%          | 1.405%        |
| 7         | 1.991       | 208           | 218         | 228          | rBV2     | 23974          | 33196         | 3.83%           | 0.440%        |
| 8         | 2.200       | 274           | 283         | 293          | rVB3     | 15483          | 22697         | 2.62%           | 0.301%        |
| 9         | 2.563       | 381           | 396         | 410          | rBV      | 136801         | 226330        | 26.12%          | 2.999%        |
| 10        | 3.177       | 570           | 587         | 618          | rVB2     | 57193          | 144775        | 16.71%          | 1.918%        |
| 11        | 3.354       | 631           | 642         | 656          | rVB8     | 4712           | 10453         | 1.21%           | 0.139%        |
| 12        | 3.698       | 736           | 749         | 761          | rBV6     | 4594           | 14618         | 1.69%           | 0.194%        |
| 13        | 4.528       | 993           | 1007        | 1016         | rBV5     | 3964           | 9112          | 1.05%           | 0.121%        |
| 14        | 4.618       | 1019          | 1035        | 1068         | rBV      | 153488         | 499648        | 57.67%          | 6.621%        |
| 15        | 5.055       | 1156          | 1171        | 1191         | rBV      | 157748         | 358821        | 41.42%          | 4.755%        |
| 16        | 5.380       | 1262          | 1272        | 1283         | rVB9     | 4061           | 9531          | 1.10%           | 0.126%        |
| 17        | 5.721       | 1358          | 1378        | 1409         | rBV3     | 277321         | 760655        | 87.80%          | 10.079%       |
| 18        | 6.245       | 1525          | 1541        | 1577         | rBV      | 260378         | 521735        | 60.22%          | 6.913%        |
| 19        | 6.537       | 1619          | 1632        | 1650         | rBV2     | 65272          | 131563        | 15.19%          | 1.743%        |
| 20        | 6.685       | 1663          | 1678        | 1694         | rBV      | 183749         | 367137        | 42.38%          | 4.865%        |
| 21        | 6.759       | 1695          | 1701        | 1713         | rVB9     | 6484           | 12774         | 1.47%           | 0.169%        |
| 22        | 6.965       | 1754          | 1765        | 1783         | rBV4     | 17927          | 37172         | 4.29%           | 0.493%        |
| 23        | 7.563       | 1938          | 1951        | 1970         | rBV      | 84444          | 155914        | 18.00%          | 2.066%        |
| 24        | 7.894       | 2041          | 2054        | 2067         | rBV      | 299138         | 533110        | 61.54%          | 7.064%        |
| 25        | 7.965       | 2068          | 2076        | 2100         | rVB2     | 100469         | 185863        | 21.45%          | 2.463%        |
| 26        | 8.177       | 2130          | 2142        | 2158         | rBV      | 51277          | 93588         | 10.80%          | 1.240%        |
| 27        | 8.550       | 2247          | 2258        | 2270         | rBV2     | 20490          | 35714         | 4.12%           | 0.473%        |
| 28        | 8.630       | 2270          | 2283        | 2319         | rBV2     | 425722         | 866351        | 100.00%         | 11.480%       |
| 29        | 9.412       | 2514          | 2526        | 2565         | rBV      | 377658         | 723218        | 83.48%          | 9.583%        |
| 30        | 9.576       | 2566          | 2577        | 2579         | rBV3     | 6564           | 9684          | 1.12%           | 0.128%        |
| 31        | 9.692       | 2602          | 2613        | 2627         | rBV2     | 8075           | 16336         | 1.89%           | 0.216%        |
| 32        | 10.100      | 2728          | 2740        | 2751         | rBV7     | 5564           | 12154         | 1.40%           | 0.161%        |
| 33        | 10.749      | 2932          | 2942        | 2958         | rBV      | 148286         | 243200        | 28.07%          | 3.223%        |
| 34        | 11.807      | 3259          | 3271        | 3292         | rBV      | 345436         | 577604        | 66.67%          | 7.654%        |
| 35        | 12.071      | 3340          | 3353        | 3361         | rBV4     | 8692           | 17898         | 2.07%           | 0.237%        |
| 36        | 12.187      | 3376          | 3389        | 3417         | rVB      | 299590         | 526652        | 60.79%          | 6.979%        |

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ALS Vial : 36 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
E0Y57

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\SFAMUTR121123WMA.M  
Title : TRACE VOA SFAM1.0

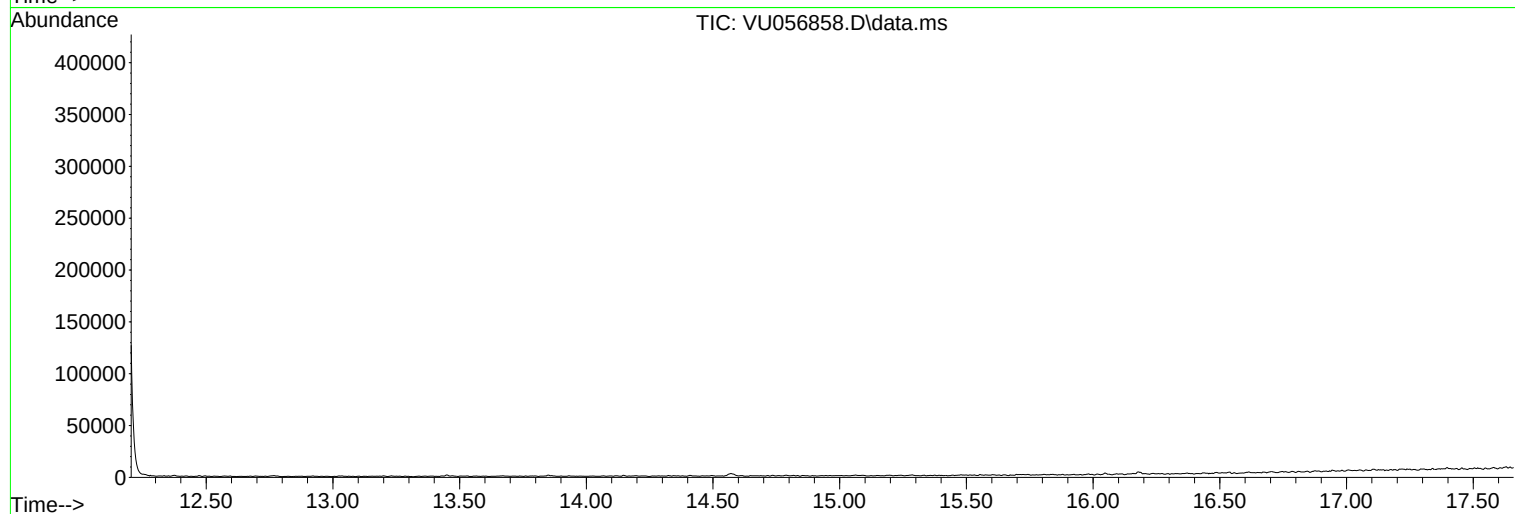
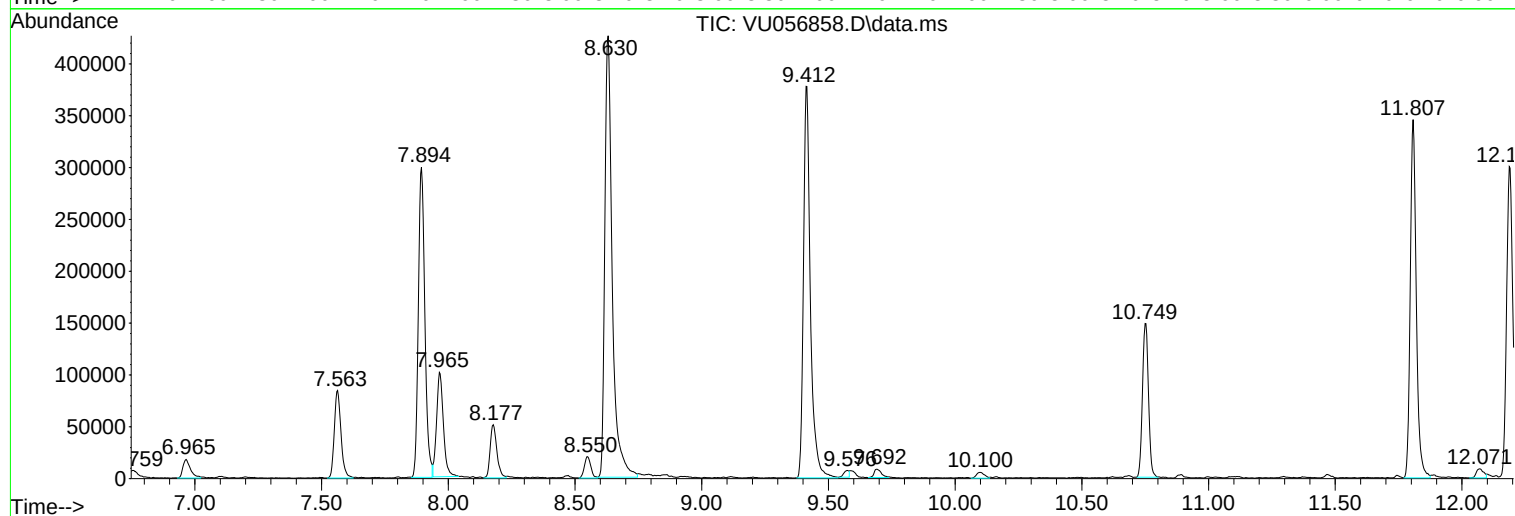
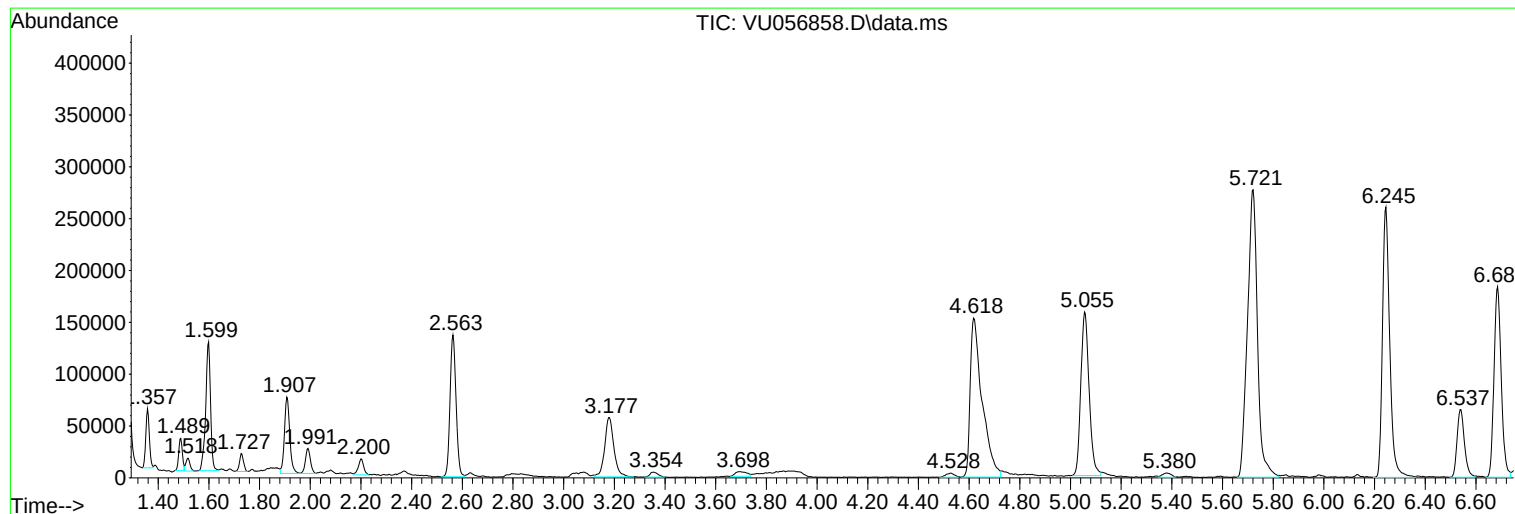
Sum of corrected areas: 7546725

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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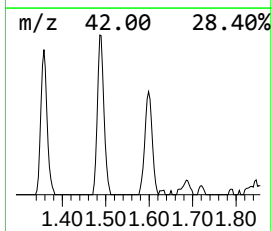
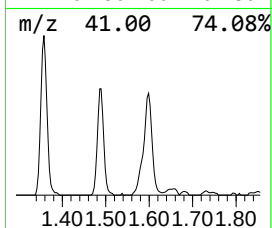
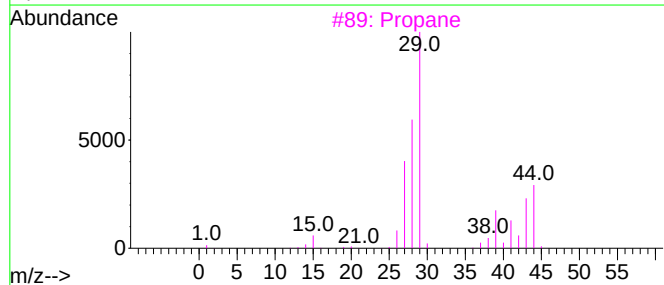
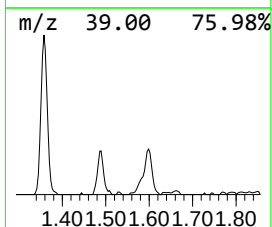
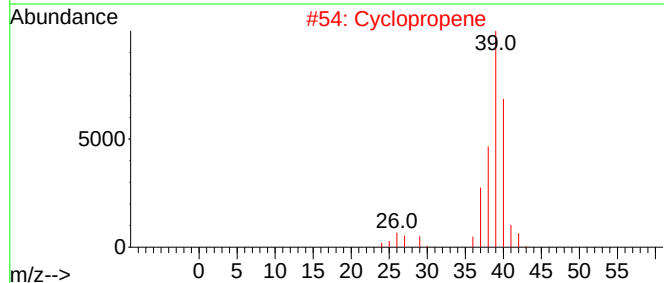
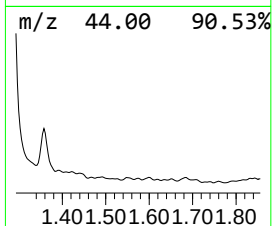
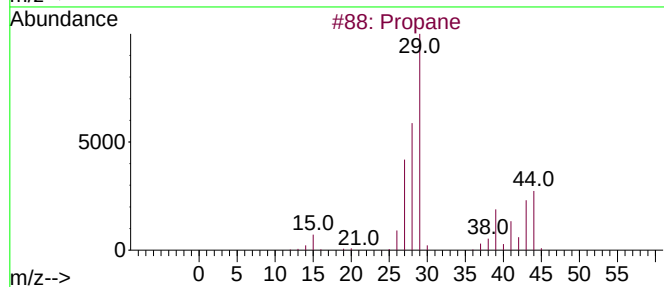
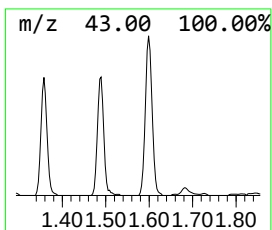
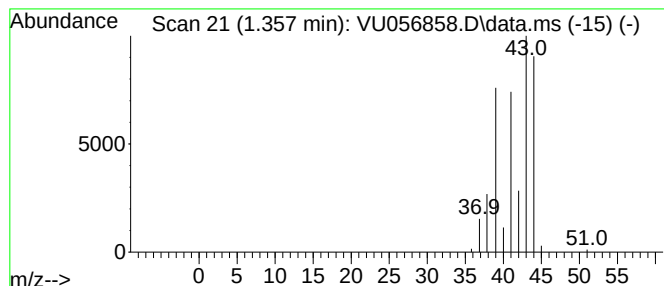
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.357 | 0.54 ug/L | 56328 | 1,4-Difluorobenzene | 6.245 |

| Hit# | of 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|------|--------------|----|---------|-------------|------|
| 1    |      | Propane      | 44 | C3H8    | 000074-98-6 | 9    |
| 2    |      | Cyclopropene | 40 | C3H4    | 002781-85-3 | 9    |
| 3    |      | Propane      | 44 | C3H8    | 000074-98-6 | 9    |
| 4    |      | Propane      | 44 | C3H8    | 000074-98-6 | 7    |
| 5    |      | Propene      | 42 | C3H6    | 000115-07-1 | 4    |



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| (DEL) Alkane: S... | 1.357 | 0.5     | ug/L  | 56328    | 1                     | 6.245 | 521735 | 5.0  |