

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU013024\  
 Data File : VU057738.D  
 Acq On : 30 Jan 2024 12:58  
 Operator : MD/SY  
 Sample : P1230-04  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0BF0

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\SFAMUTR012324WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU057738.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         | 1.490       | 55            | 62          | 77           | rBV      | 31038          | 32263         | 16.33%          | 1.772%        |
| 2         | 1.596       | 86            | 95          | 107          | rVB      | 26234          | 30506         | 15.45%          | 1.675%        |
| 3         | 1.911       | 185           | 193         | 206          | rBV      | 20530          | 27194         | 13.77%          | 1.493%        |
| 4         | 2.560       | 383           | 395         | 412          | rVB      | 44757          | 72912         | 36.92%          | 4.003%        |
| 5         | 2.657       | 414           | 425         | 439          | rBV2     | 1558           | 3629          | 1.84%           | 0.199%        |
| 6         | 3.178       | 571           | 587         | 599          | rBV      | 3702           | 8132          | 4.12%           | 0.447%        |
| 7         | 3.277       | 601           | 618         | 620          | rBV3     | 1979           | 4968          | 2.52%           | 0.273%        |
| 8         | 4.634       | 1029          | 1040        | 1097         | rBV      | 21252          | 64292         | 32.55%          | 3.530%        |
| 9         | 5.071       | 1157          | 1176        | 1207         | rVB3     | 61707          | 193901        | 98.17%          | 10.647%       |
| 10        | 5.718       | 1359          | 1377        | 1403         | rBV2     | 78207          | 197511        | 100.00%         | 10.845%       |
| 11        | 6.242       | 1528          | 1540        | 1561         | rBV2     | 77567          | 148022        | 74.94%          | 8.128%        |
| 12        | 6.682       | 1666          | 1677        | 1697         | rBV      | 46297          | 89596         | 45.36%          | 4.920%        |
| 13        | 7.100       | 1797          | 1807        | 1823         | rBV      | 12522          | 22574         | 11.43%          | 1.240%        |
| 14        | 7.560       | 1939          | 1950        | 1972         | rBV      | 22987          | 41588         | 21.06%          | 2.284%        |
| 15        | 7.891       | 2042          | 2053        | 2069         | rBV      | 97812          | 170967        | 86.56%          | 9.388%        |
| 16        | 7.962       | 2070          | 2075        | 2086         | rVB      | 1529           | 3084          | 1.56%           | 0.169%        |
| 17        | 8.177       | 2132          | 2142        | 2161         | rBV      | 12207          | 21372         | 10.82%          | 1.174%        |
| 18        | 8.631       | 2272          | 2283        | 2318         | rBV2     | 80446          | 168733        | 85.43%          | 9.265%        |
| 19        | 8.804       | 2330          | 2337        | 2345         | rVB2     | 2448           | 3289          | 1.67%           | 0.181%        |
| 20        | 9.412       | 2515          | 2526        | 2554         | rBV      | 102674         | 175216        | 88.71%          | 9.621%        |
| 21        | 10.750      | 2932          | 2942        | 2957         | rBV      | 28329          | 45701         | 23.14%          | 2.509%        |
| 22        | 11.807      | 3259          | 3271        | 3288         | rBV      | 100884         | 160973        | 81.50%          | 8.839%        |
| 23        | 12.187      | 3377          | 3389        | 3409         | rBV      | 81536          | 131480        | 66.57%          | 7.219%        |
| 24        | 12.769      | 3561          | 3570        | 3578         | rBV2     | 2146           | 3311          | 1.68%           | 0.182%        |

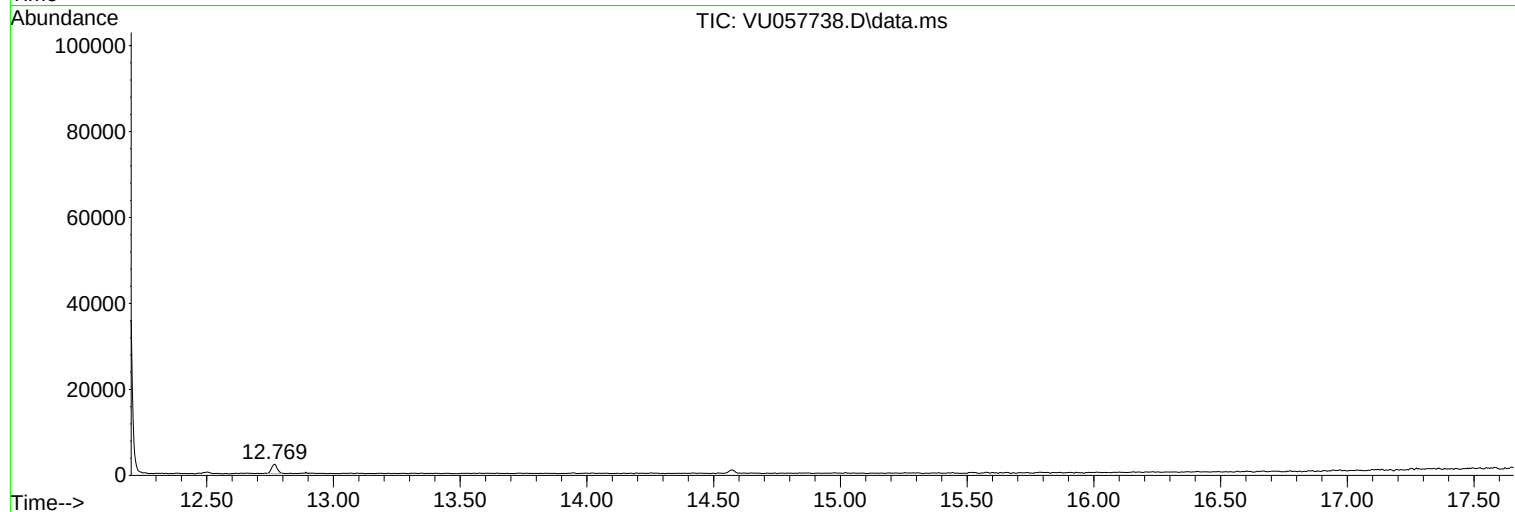
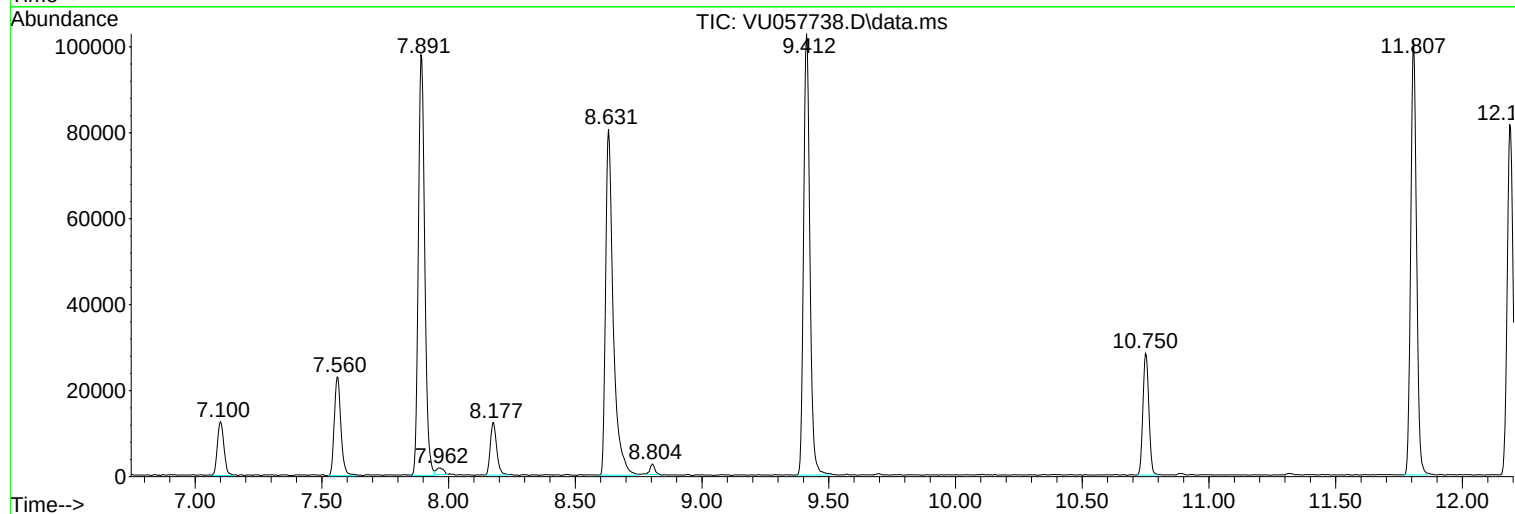
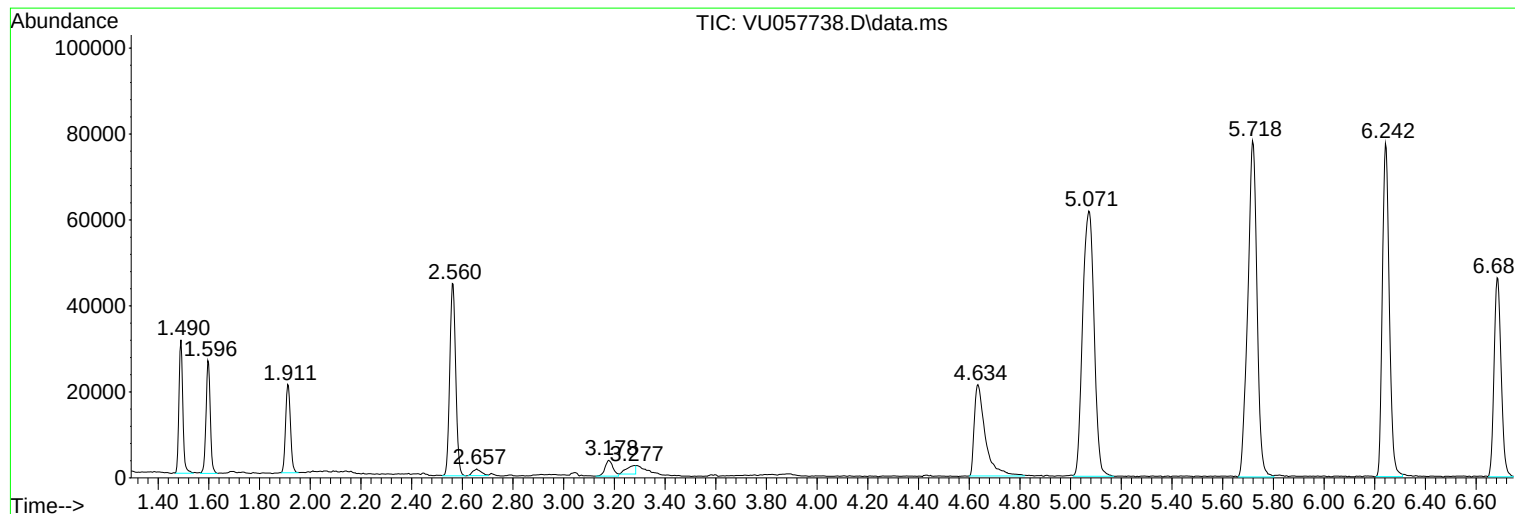
Sum of corrected areas: 1821214

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ClientSampleId :  
C0BF0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR012324WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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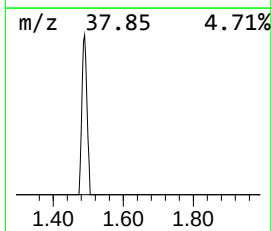
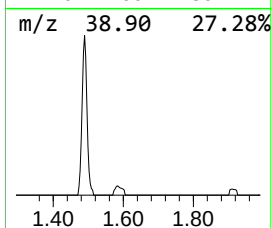
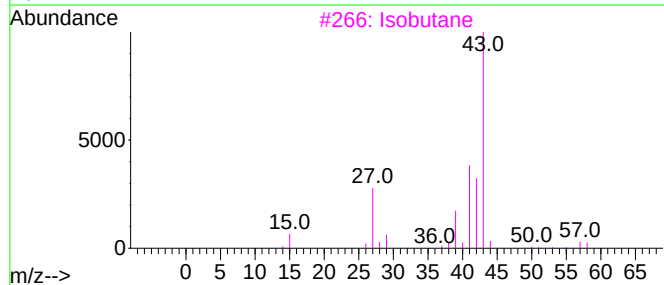
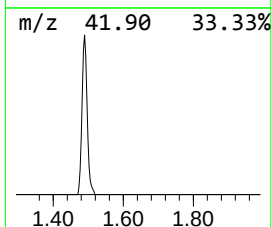
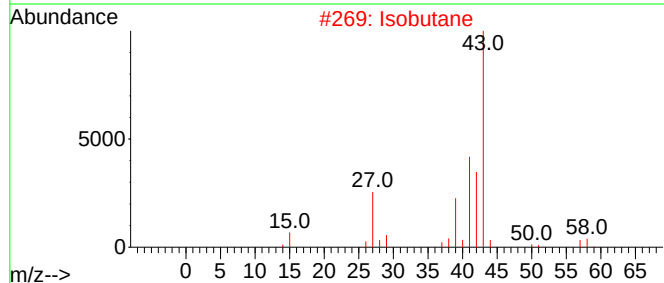
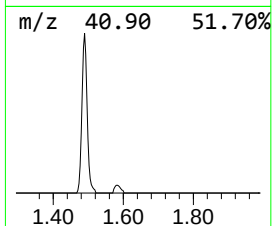
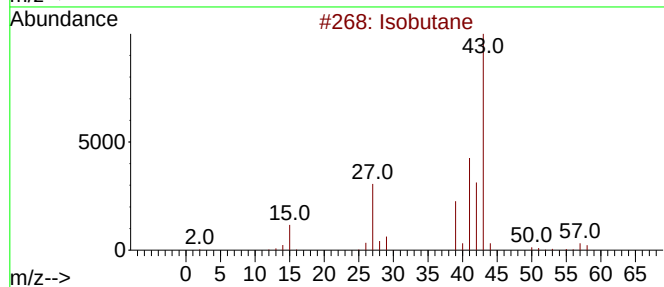
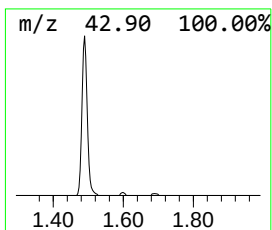
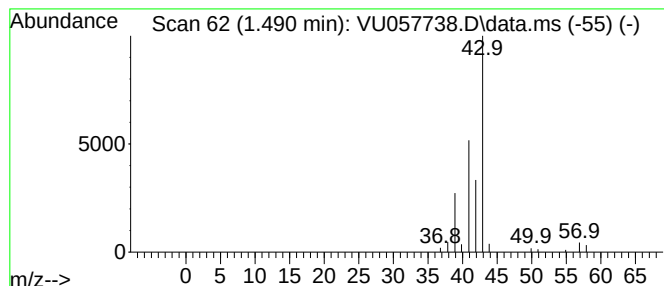
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.490 | 1.09 ug/L | 32263 | 1,4-Difluorobenzene | 6.242 |

| Hit# | of 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|------|--------------|----|---------|-------------|------|
| 1    |      | Isobutane    | 58 | C4H10   | 000075-28-5 | 78   |
| 2    |      | Isobutane    | 58 | C4H10   | 000075-28-5 | 78   |
| 3    |      | Isobutane    | 58 | C4H10   | 000075-28-5 | 78   |
| 4    |      | Isobutane    | 58 | C4H10   | 000075-28-5 | 64   |
| 5    |      | Isobutane    | 58 | C4H10   | 000075-28-5 | 50   |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| (DEL) Alkane: S... | 1.490 | 1.1     | ug/L  | 32263    | 1                     | 6.242 | 148022 | 5.0  |