

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV061022\  
 Data File : VV026097.D  
 Acq On : 10 Jun 2022 16:54  
 Operator : SY/MD  
 Sample : N3247-01  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EXYS3

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\_V\Method\SFAMVTR060822WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV026097.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         | 1.227       | 51            | 58          | 64           | rBV      | 48323          | 43053         | 7.37%           | 0.901%        |
| 2         | 1.317       | 77            | 86          | 103          | rVB      | 86275          | 105075        | 17.99%          | 2.199%        |
| 3         | 1.581       | 160           | 168         | 182          | rVB      | 97165          | 111425        | 19.08%          | 2.332%        |
| 4         | 2.118       | 325           | 335         | 348          | rBV      | 165407         | 240611        | 41.20%          | 5.037%        |
| 5         | 2.188       | 350           | 357         | 374          | rVB2     | 7480           | 16284         | 2.79%           | 0.341%        |
| 6         | 3.908       | 881           | 892         | 923          | rBV      | 36165          | 119105        | 20.39%          | 2.493%        |
| 7         | 4.359       | 1015          | 1032        | 1059         | rBV2     | 108714         | 278552        | 47.70%          | 5.831%        |
| 8         | 5.056       | 1233          | 1249        | 1283         | rBV2     | 234480         | 584011        | 100.00%         | 12.225%       |
| 9         | 5.622       | 1414          | 1425        | 1449         | rBV      | 204619         | 421014        | 72.09%          | 8.813%        |
| 10        | 5.921       | 1506          | 1518        | 1538         | rVB6     | 17206          | 41726         | 7.14%           | 0.873%        |
| 11        | 6.076       | 1553          | 1566        | 1587         | rBV      | 139416         | 286902        | 49.13%          | 6.006%        |
| 12        | 6.992       | 1840          | 1851        | 1867         | rBV      | 45486          | 86236         | 14.77%          | 1.805%        |
| 13        | 7.320       | 1940          | 1953        | 1973         | rBV      | 254732         | 453467        | 77.65%          | 9.492%        |
| 14        | 7.629       | 2040          | 2049        | 2068         | rBV      | 24252          | 47577         | 8.15%           | 0.996%        |
| 15        | 7.940       | 2133          | 2146        | 2156         | rBV3     | 8128           | 14629         | 2.50%           | 0.306%        |
| 16        | 8.092       | 2181          | 2193        | 2229         | rBV2     | 185981         | 441432        | 75.59%          | 9.240%        |
| 17        | 8.854       | 2417          | 2430        | 2466         | rBV      | 317267         | 523317        | 89.61%          | 10.954%       |
| 18        | 10.217      | 2843          | 2854        | 2876         | rVB      | 78893          | 128276        | 21.96%          | 2.685%        |
| 19        | 10.384      | 2895          | 2906        | 2916         | rBV      | 15577          | 24808         | 4.25%           | 0.519%        |
| 20        | 11.249      | 3164          | 3175        | 3195         | rBV      | 285081         | 434497        | 74.40%          | 9.095%        |
| 21        | 11.622      | 3281          | 3291        | 3317         | rBV      | 231468         | 366405        | 62.74%          | 7.670%        |
| 22        | 12.349      | 3508          | 3517        | 3526         | rBV5     | 5815           | 8836          | 1.51%           | 0.185%        |

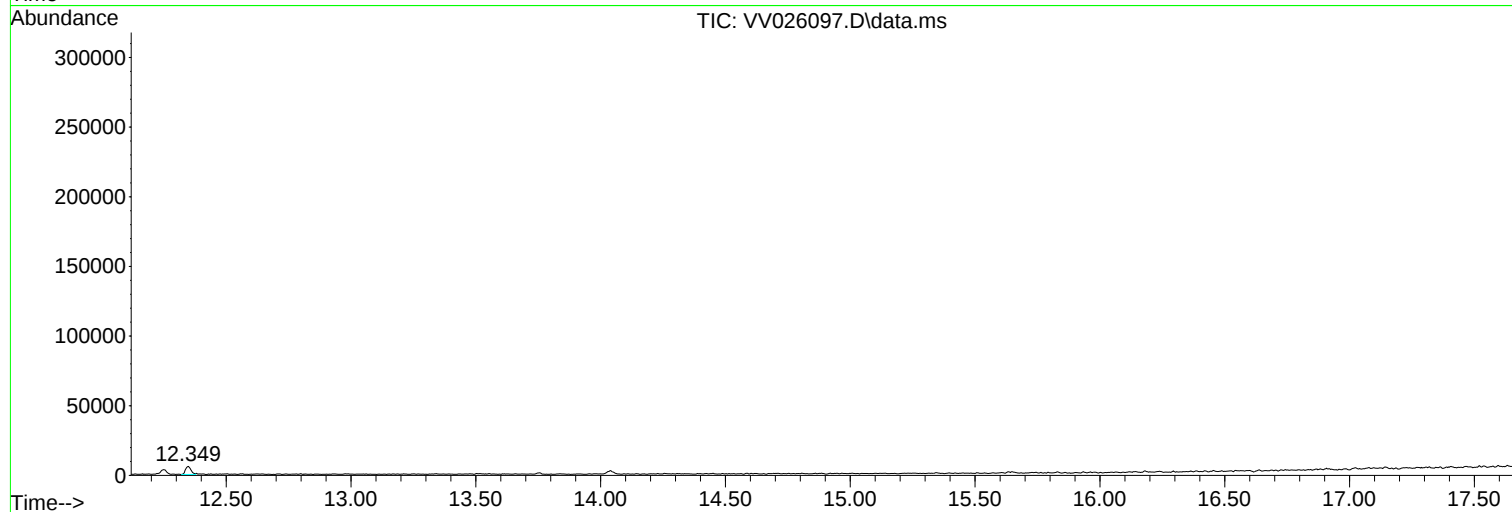
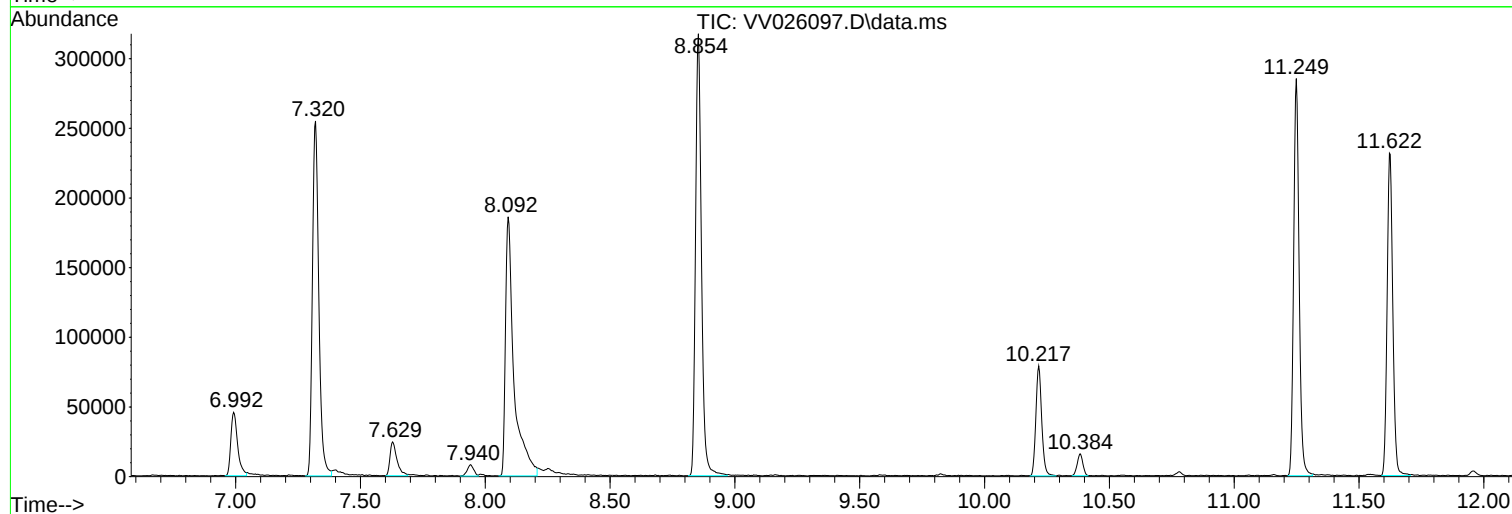
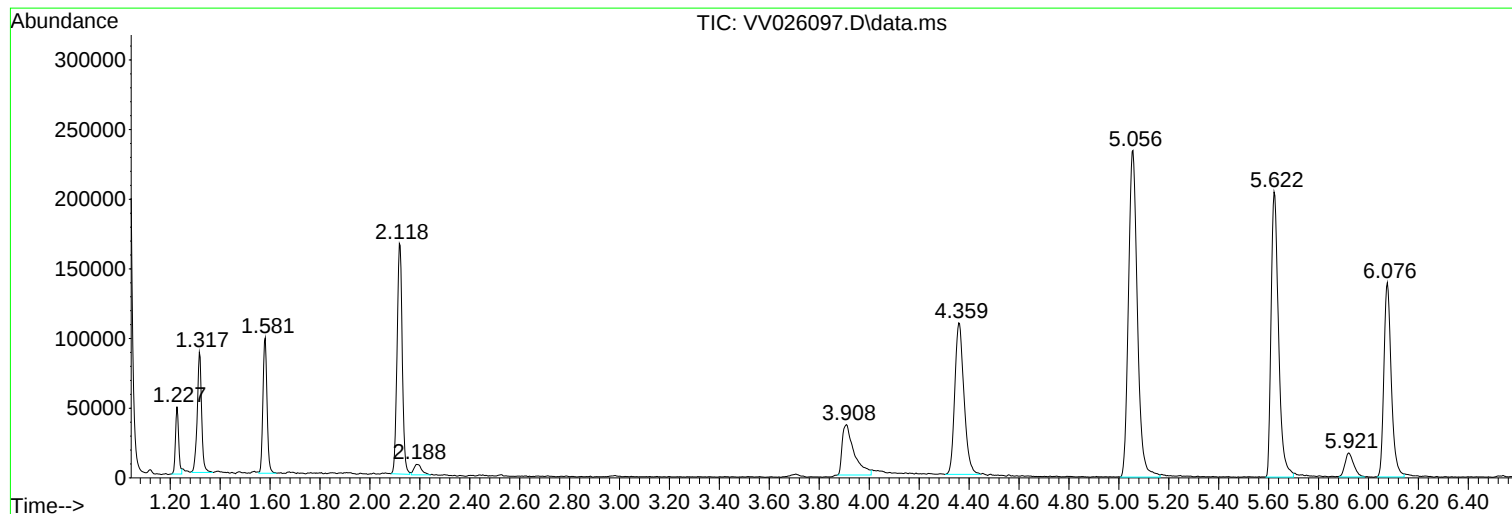
Sum of corrected areas: 4777238

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR060822WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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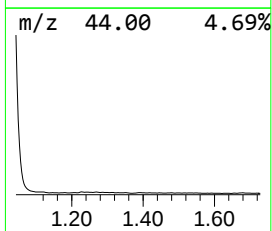
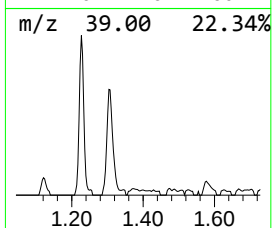
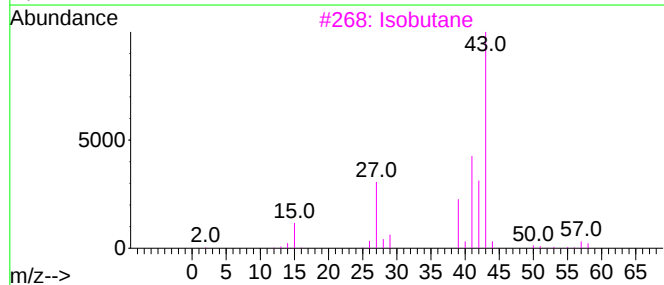
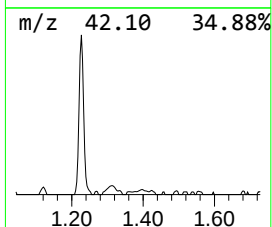
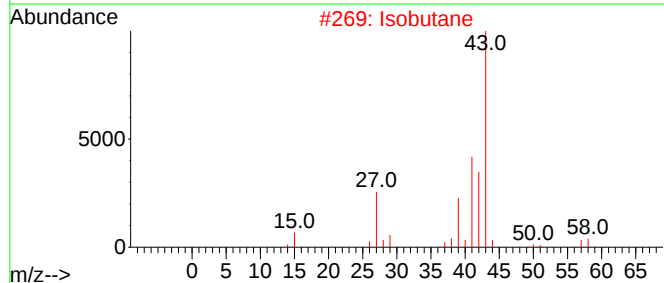
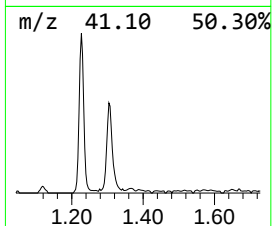
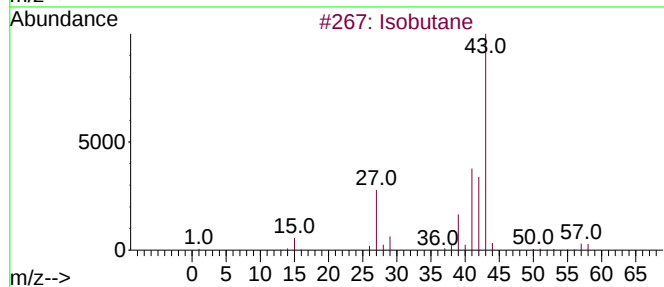
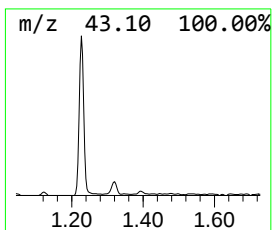
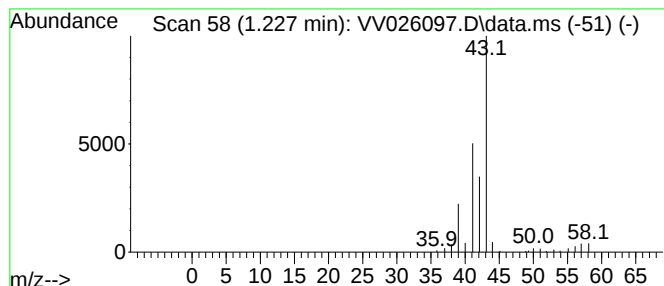
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.227 | 0.51 ug/L | 43053 | 1,4-Difluorobenzene | 5.622 |

| Hit# | of 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|------|--------------|----|---------|-------------|------|
| 1    |      | Isobutane    | 58 | C4H10   | 000075-28-5 | 72   |
| 2    |      | Isobutane    | 58 | C4H10   | 000075-28-5 | 64   |
| 3    |      | Isobutane    | 58 | C4H10   | 000075-28-5 | 64   |
| 4    |      | Isobutane    | 58 | C4H10   | 000075-28-5 | 64   |
| 5    |      | Isobutane    | 58 | C4H10   | 000075-28-5 | 45   |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| (DEL) Alkane: S... | 1.227 | 0.5     | ug/L  | 43053    | 1                     | 5.622 | 421014 | 5.0  |