

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV032422\  
 Data File : VV025156.D  
 Acq On : 24 Mar 2022 17:43  
 Operator : SY/MD  
 Sample : N2083-14  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW614

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\SFAMVTR031522WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV025156.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         | 1.217       | 48            | 55          | 72           | rVB      | 180706         | 162650        | 29.41%          | 3.677%        |
| 2         | 1.307       | 73            | 83          | 96           | rVB      | 100722         | 114857        | 20.77%          | 2.597%        |
| 3         | 1.568       | 156           | 164         | 180          | rVB      | 77139          | 85488         | 15.46%          | 1.933%        |
| 4         | 2.111       | 322           | 333         | 348          | rBV      | 150931         | 219875        | 39.75%          | 4.971%        |
| 5         | 3.896       | 878           | 888         | 930          | rBV2     | 43092          | 148361        | 26.82%          | 3.354%        |
| 6         | 4.352       | 1014          | 1030        | 1060         | rBV      | 96293          | 246480        | 44.56%          | 5.572%        |
| 7         | 5.050       | 1231          | 1247        | 1285         | rBV2     | 222339         | 553104        | 100.00%         | 12.504%       |
| 8         | 5.619       | 1412          | 1424        | 1454         | rBV      | 152024         | 306659        | 55.44%          | 6.932%        |
| 9         | 5.918       | 1505          | 1517        | 1530         | rVB4     | 4021           | 8767          | 1.59%           | 0.198%        |
| 10        | 6.069       | 1550          | 1564        | 1592         | rBV2     | 117745         | 248344        | 44.90%          | 5.614%        |
| 11        | 6.989       | 1840          | 1850        | 1879         | rBV      | 52401          | 96499         | 17.45%          | 2.181%        |
| 12        | 7.317       | 1941          | 1952        | 1970         | rBV      | 276406         | 482707        | 87.27%          | 10.912%       |
| 13        | 7.394       | 1970          | 1976        | 2002         | rVB      | 13403          | 27138         | 4.91%           | 0.613%        |
| 14        | 7.625       | 2038          | 2048        | 2071         | rBV      | 27651          | 50555         | 9.14%           | 1.143%        |
| 15        | 7.940       | 2134          | 2146        | 2156         | rBV      | 9721           | 17340         | 3.14%           | 0.392%        |
| 16        | 8.088       | 2181          | 2192        | 2232         | rBV      | 187948         | 369620        | 66.83%          | 8.356%        |
| 17        | 8.854       | 2418          | 2430        | 2467         | rBV      | 224418         | 376146        | 68.01%          | 8.503%        |
| 18        | 10.214      | 2842          | 2853        | 2869         | rBV      | 75410          | 118658        | 21.45%          | 2.682%        |
| 19        | 10.381      | 2894          | 2905        | 2922         | rVB3     | 20583          | 32564         | 5.89%           | 0.736%        |
| 20        | 11.246      | 3163          | 3174        | 3198         | rBV      | 225605         | 355169        | 64.21%          | 8.029%        |
| 21        | 11.622      | 3279          | 3291        | 3312         | rBV      | 236584         | 375915        | 67.96%          | 8.498%        |
| 22        | 12.249      | 3476          | 3486        | 3497         | rVB2     | 9474           | 14337         | 2.59%           | 0.324%        |
| 23        | 12.345      | 3507          | 3516        | 3525         | rBV6     | 4521           | 6361          | 1.15%           | 0.144%        |
| 24        | 14.037      | 4029          | 4042        | 4052         | rBV2     | 3651           | 5924          | 1.07%           | 0.134%        |

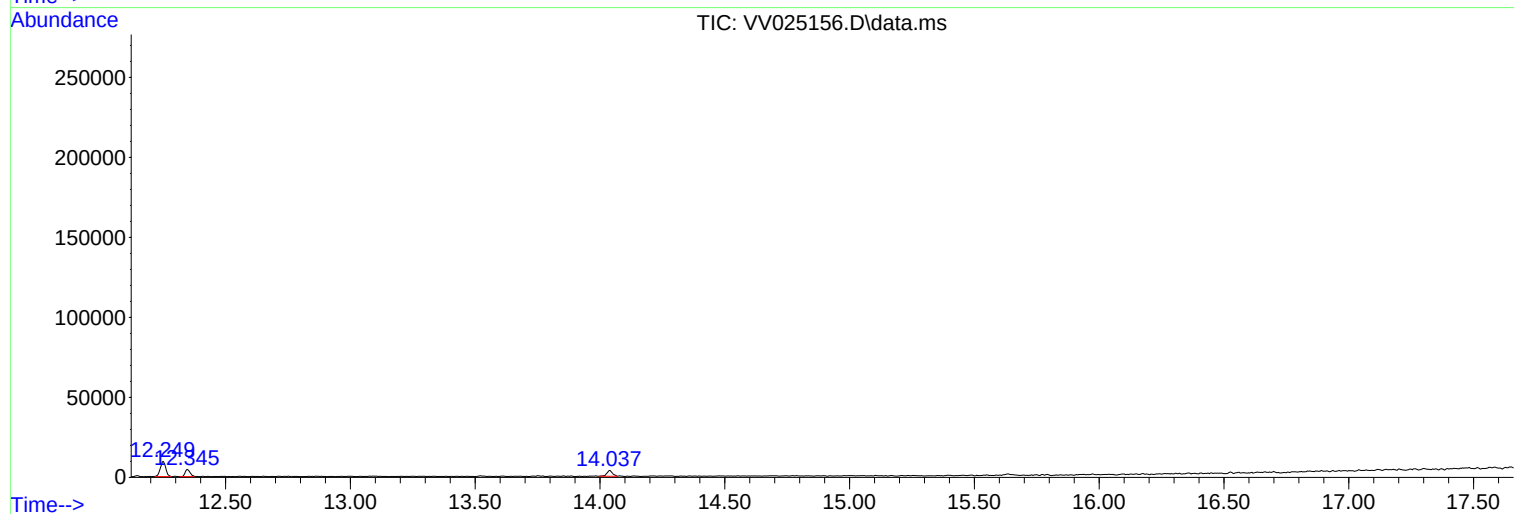
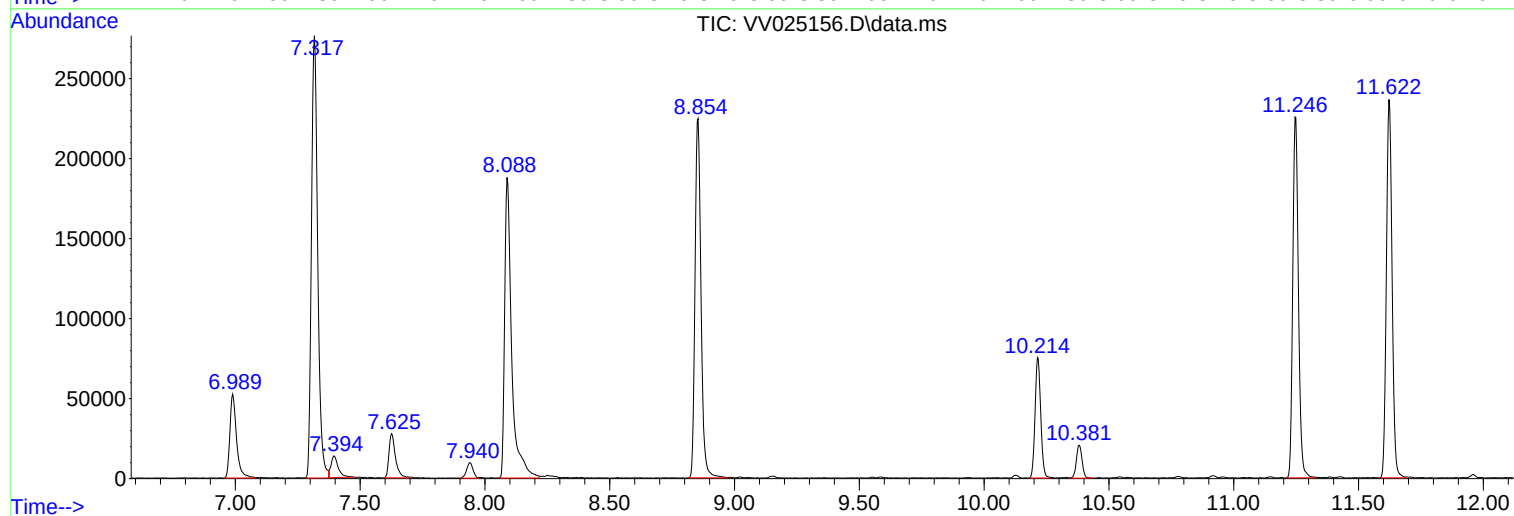
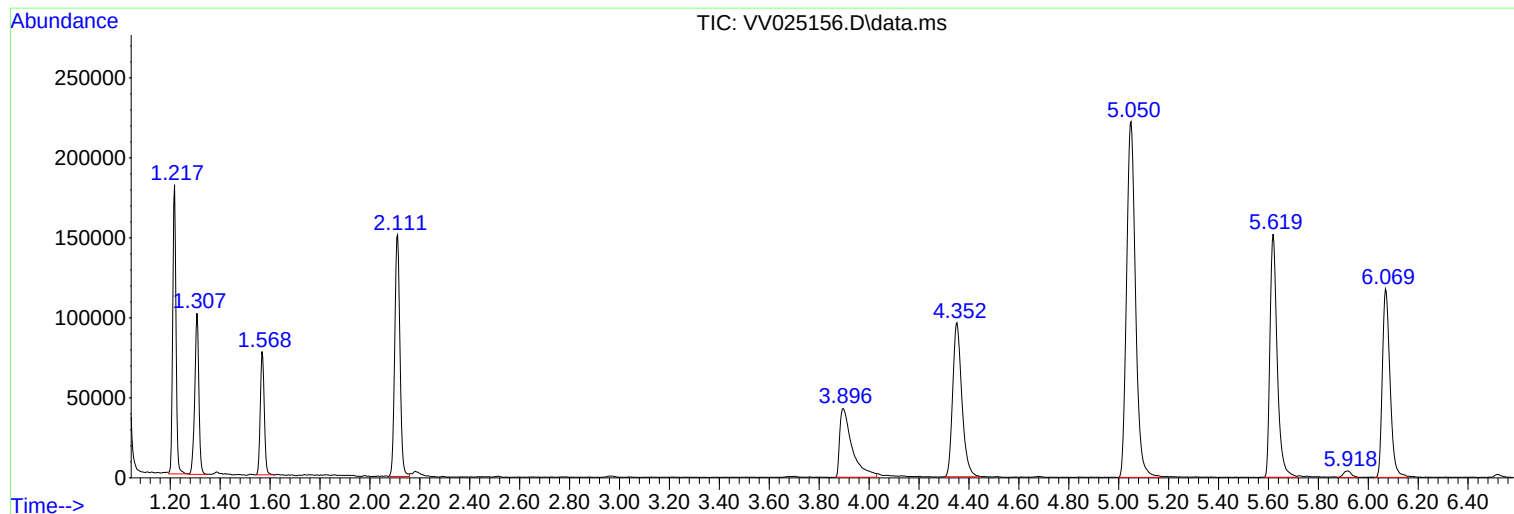
Sum of corrected areas: 4423518

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR031522WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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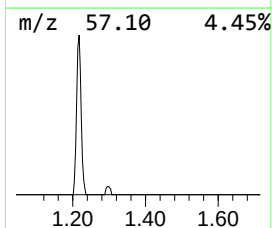
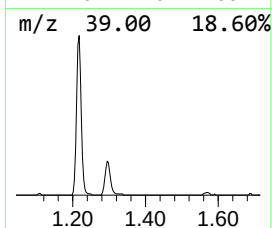
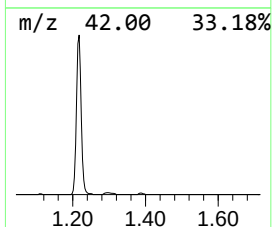
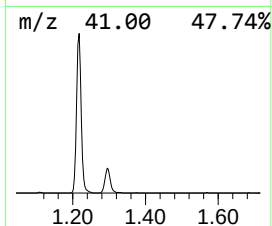
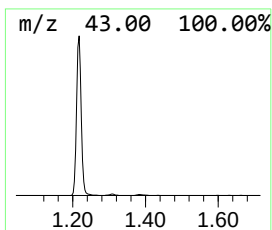
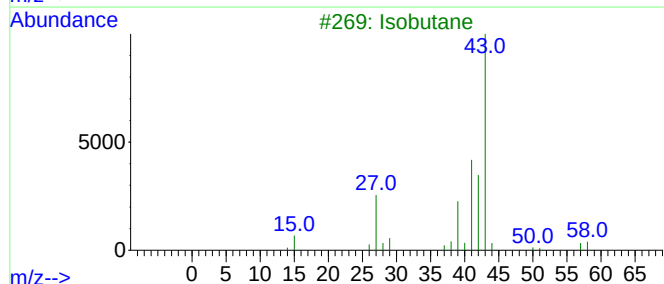
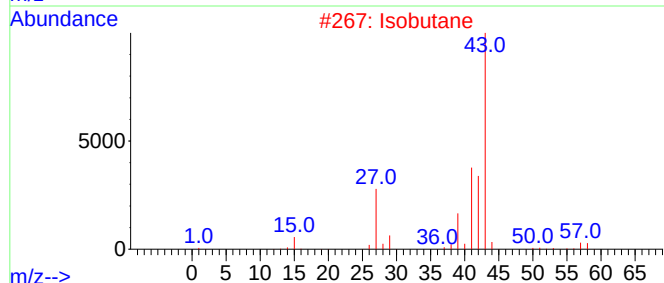
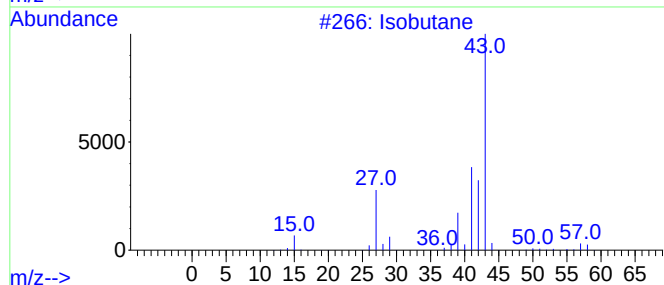
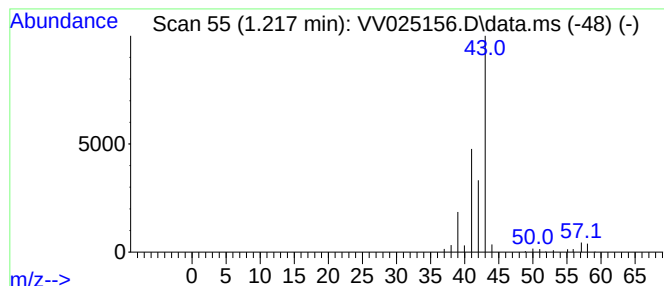
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR031522WMA.M  
Quant Title : TRACE VOA SFAM1.0

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.  |
|-------|-----------|--------|---------------------|-------|
| 1.217 | 2.65 ug/L | 162650 | 1,4-Difluorobenzene | 5.619 |

| Hit# | of 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|------|--------------|----|---------|-------------|------|
| 1    |      | Isobutane    | 58 | C4H10   | 000075-28-5 | 86   |
| 2    |      | Isobutane    | 58 | C4H10   | 000075-28-5 | 78   |
| 3    |      | Isobutane    | 58 | C4H10   | 000075-28-5 | 72   |
| 4    |      | Isobutane    | 58 | C4H10   | 000075-28-5 | 72   |
| 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... | 1.217 | 2.6     | ug/L  | 162650   | 1                     | 5.619 | 306659 | 5.0  |