

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV101422\  
 Data File : VV028571.D  
 Acq On : 15 Oct 2022 00:24  
 Operator : SY/MD  
 Sample : N5060-18  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C1BG6

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\SFAMVTR101422WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV028571.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         | 1.211       | 46            | 53          | 58           | rBV      | 10584          | 12757         | 1.97%           | 0.219%        |
| 2         | 1.240       | 58            | 62          | 69           | rVV2     | 11713          | 13312         | 2.05%           | 0.229%        |
| 3         | 1.307       | 76            | 83          | 93           | rBV      | 126869         | 129244        | 19.92%          | 2.222%        |
| 4         | 1.384       | 103           | 107         | 117          | rVB2     | 10592          | 15016         | 2.31%           | 0.258%        |
| 5         | 1.568       | 156           | 164         | 173          | rBV      | 112208         | 132931        | 20.49%          | 2.286%        |
| 6         | 1.976       | 285           | 291         | 298          | rVB      | 20130          | 23959         | 3.69%           | 0.412%        |
| 7         | 2.108       | 322           | 332         | 346          | rVB      | 198949         | 288336        | 44.44%          | 4.958%        |
| 8         | 2.178       | 348           | 354         | 356          | rBV2     | 9966           | 11503         | 1.77%           | 0.198%        |
| 9         | 2.506       | 446           | 456         | 463          | rBV3     | 7098           | 12431         | 1.92%           | 0.214%        |
| 10        | 3.899       | 879           | 889         | 918          | rBV2     | 61454          | 230325        | 35.50%          | 3.961%        |
| 11        | 4.346       | 1012          | 1028        | 1053         | rBV2     | 115468         | 316247        | 48.74%          | 5.438%        |
| 12        | 5.043       | 1227          | 1245        | 1271         | rBV3     | 252192         | 648871        | 100.00%         | 11.158%       |
| 13        | 5.616       | 1409          | 1423        | 1450         | rBV      | 234779         | 488001        | 75.21%          | 8.391%        |
| 14        | 6.069       | 1550          | 1564        | 1581         | rBV      | 149820         | 315679        | 48.65%          | 5.428%        |
| 15        | 6.989       | 1838          | 1850        | 1866         | rBV      | 56140          | 113098        | 17.43%          | 1.945%        |
| 16        | 7.313       | 1940          | 1951        | 1970         | rBV      | 291659         | 518290        | 79.88%          | 8.912%        |
| 17        | 7.394       | 1973          | 1976        | 1986         | rVB9     | 6270           | 9420          | 1.45%           | 0.162%        |
| 18        | 7.625       | 2039          | 2048        | 2063         | rBV2     | 30665          | 60967         | 9.40%           | 1.048%        |
| 19        | 7.940       | 2137          | 2146        | 2152         | rVB6     | 4957           | 7236          | 1.12%           | 0.124%        |
| 20        | 8.088       | 2182          | 2192        | 2227         | rBV      | 283685         | 607376        | 93.61%          | 10.444%       |
| 21        | 8.242       | 2231          | 2240        | 2255         | rVV4     | 32261          | 59581         | 9.18%           | 1.025%        |
| 22        | 8.847       | 2417          | 2428        | 2448         | rBV      | 350460         | 589279        | 90.82%          | 10.133%       |
| 23        | 9.821       | 2723          | 2731        | 2738         | rBV      | 5308           | 7624          | 1.17%           | 0.131%        |
| 24        | 10.210      | 2843          | 2852        | 2869         | rVB2     | 92667          | 150172        | 23.14%          | 2.582%        |
| 25        | 10.374      | 2894          | 2903        | 2918         | rVB2     | 15142          | 28666         | 4.42%           | 0.493%        |
| 26        | 10.914      | 3064          | 3071        | 3080         | rBV7     | 4414           | 6751          | 1.04%           | 0.116%        |
| 27        | 11.242      | 3162          | 3173        | 3192         | rBV      | 349981         | 568807        | 87.66%          | 9.781%        |
| 28        | 11.529      | 3253          | 3262        | 3273         | rBV6     | 10759          | 21169         | 3.26%           | 0.364%        |
| 29        | 11.615      | 3279          | 3289        | 3308         | rVB      | 242484         | 395655        | 60.98%          | 6.803%        |
| 30        | 12.345      | 3505          | 3516        | 3528         | rBV      | 10799          | 22354         | 3.45%           | 0.384%        |
| 31        | 15.506      | 4489          | 4499        | 4506         | rBV      | 6144           | 10420         | 1.61%           | 0.179%        |

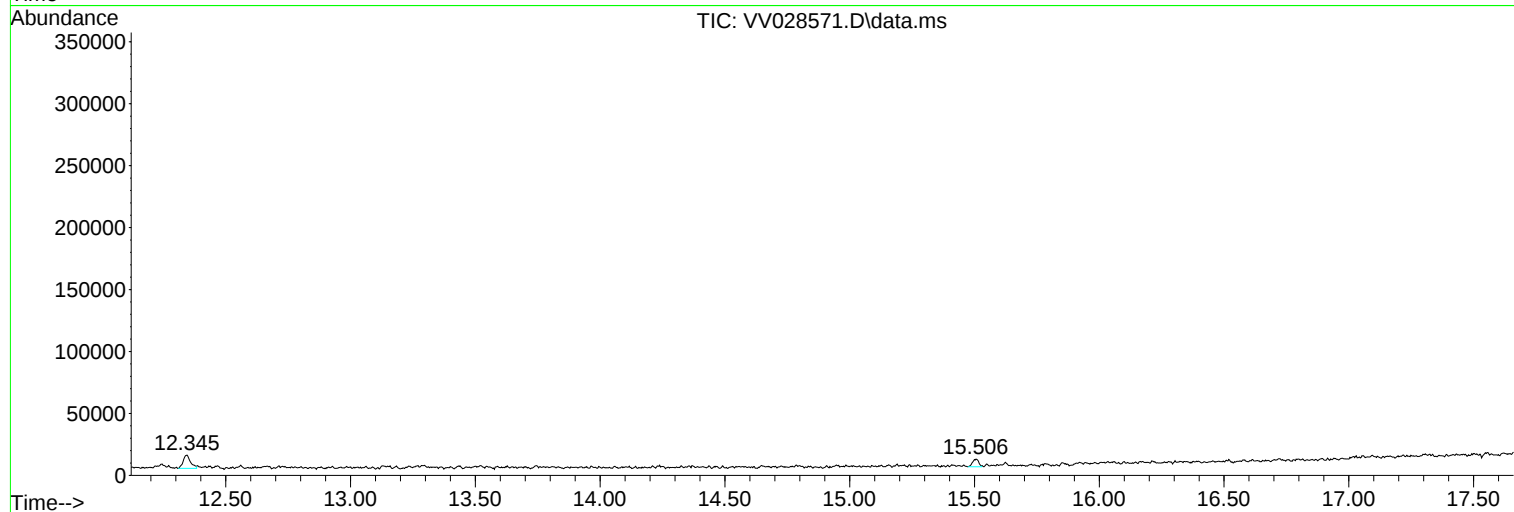
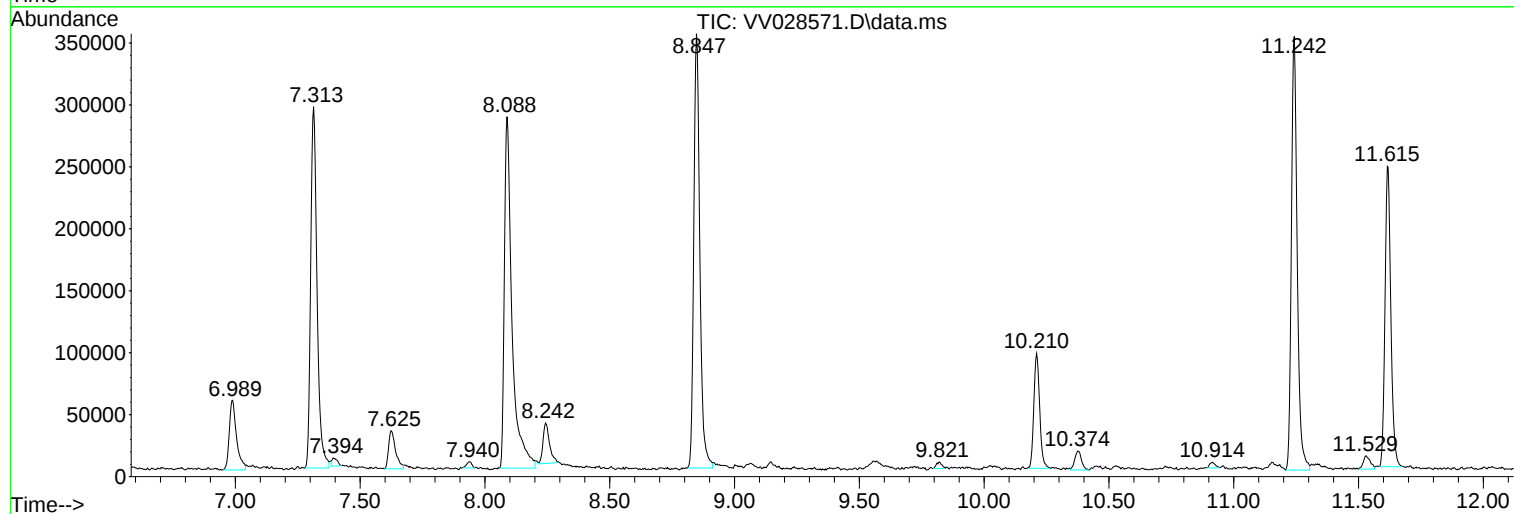
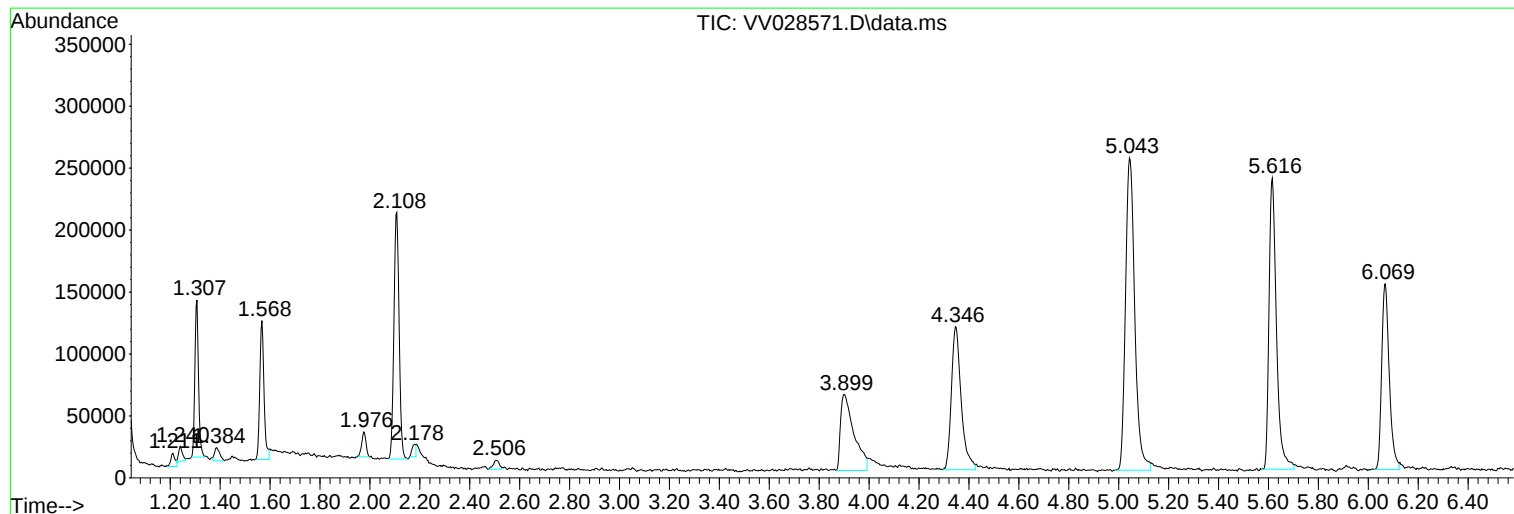
Sum of corrected areas: 5815477

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Instrument :  
MSVOA\_V  
ClientSampleId :  
C1BG6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR101422WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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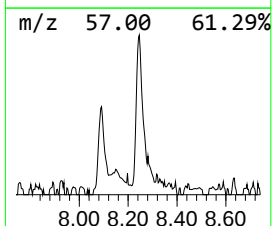
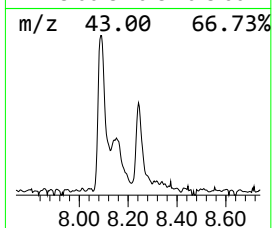
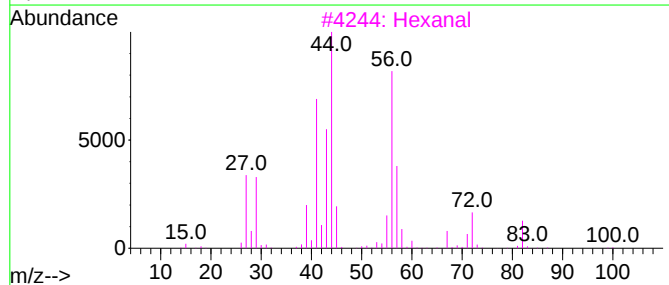
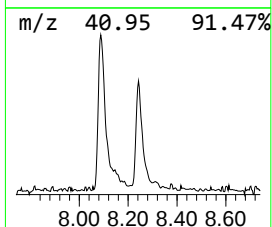
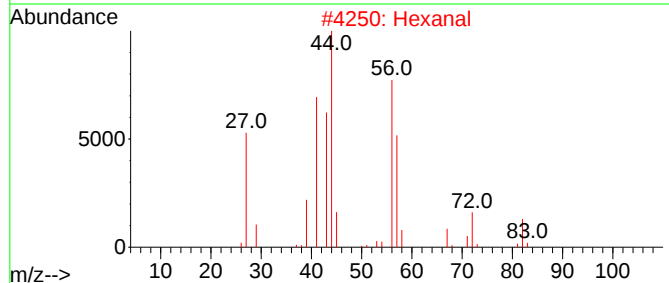
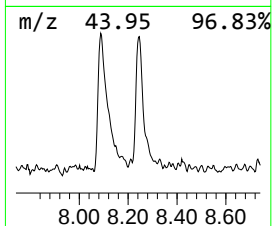
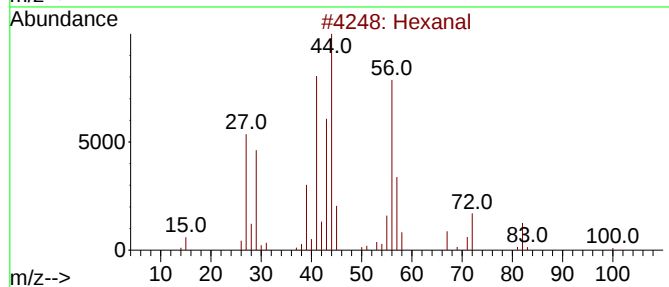
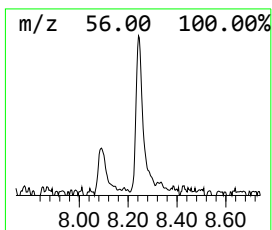
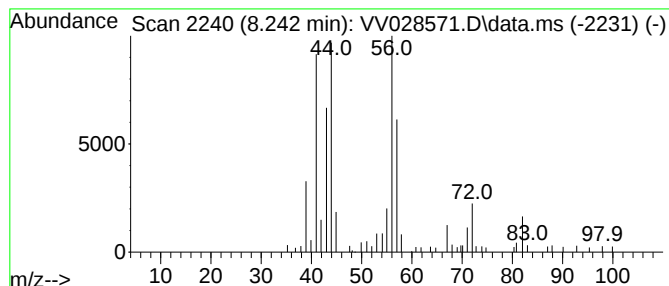
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR101422WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 2 Hexanal Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD | R.T.  |
|-------|-----------|-------|------------------|-------|
| 8.242 | 0.51 ug/L | 59581 | Chlorobenzene-d5 | 8.847 |

| Hit# | of                     | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------------------------|---|--------------|-----|---------|-------------|------|
| 1    | Hexanal                |   |              | 100 | C6H12O  | 000066-25-1 | 90   |
| 2    | Hexanal                |   |              | 100 | C6H12O  | 000066-25-1 | 90   |
| 3    | Hexanal                |   |              | 100 | C6H12O  | 000066-25-1 | 83   |
| 4    | Hexanal                |   |              | 100 | C6H12O  | 000066-25-1 | 78   |
| 5    | Cyclobutanol, 2-ethyl- |   |              | 100 | C6H12O  | 035301-43-0 | 47   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Hexanal          | 8.242 | 0.5     | ug/L  | 59581    | 2                     | 8.847 | 589279 | 5.0  |