

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV102221\  
 Data File : VV022975.D  
 Acq On : 21 Oct 2021 23:37  
 Operator : SY/MD  
 Sample : M4265-14  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GB7J6

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\SFAMVTR100721WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV022975.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         | 1.108       | 16            | 21          | 32           | rVB2     | 20808          | 21870         | 4.23%           | 0.531%        |
| 2         | 1.179       | 38            | 43          | 48           | rBV      | 6192           | 6306          | 1.22%           | 0.153%        |
| 3         | 1.304       | 75            | 82          | 101          | rVB      | 74833          | 84657         | 16.39%          | 2.055%        |
| 4         | 1.413       | 111           | 116         | 127          | rVB      | 10316          | 14239         | 2.76%           | 0.346%        |
| 5         | 1.568       | 155           | 164         | 178          | rBV      | 56357          | 65173         | 12.62%          | 1.582%        |
| 6         | 2.105       | 322           | 331         | 346          | rBV      | 108285         | 154989        | 30.01%          | 3.762%        |
| 7         | 2.185       | 347           | 356         | 361          | rBV3     | 3370           | 5852          | 1.13%           | 0.142%        |
| 8         | 3.908       | 879           | 892         | 926          | rBV3     | 32498          | 148622        | 28.78%          | 3.607%        |
| 9         | 4.349       | 1014          | 1029        | 1054         | rVB2     | 90463          | 228391        | 44.23%          | 5.543%        |
| 10        | 5.047       | 1230          | 1246        | 1277         | rBV2     | 204942         | 516423        | 100.00%         | 12.534%       |
| 11        | 5.619       | 1412          | 1424        | 1448         | rBV      | 151179         | 310344        | 60.09%          | 7.532%        |
| 12        | 6.069       | 1552          | 1564        | 1587         | rBV      | 116673         | 247032        | 47.84%          | 5.996%        |
| 13        | 6.992       | 1840          | 1851        | 1869         | rBV      | 46313          | 89112         | 17.26%          | 2.163%        |
| 14        | 7.317       | 1941          | 1952        | 1969         | rBV      | 230100         | 406773        | 78.77%          | 9.873%        |
| 15        | 7.397       | 1969          | 1977        | 1991         | rVB      | 12951          | 25997         | 5.03%           | 0.631%        |
| 16        | 7.628       | 2038          | 2049        | 2070         | rBV2     | 26852          | 54024         | 10.46%          | 1.311%        |
| 17        | 8.095       | 2180          | 2194        | 2235         | rBV      | 182467         | 428530        | 82.98%          | 10.401%       |
| 18        | 8.252       | 2235          | 2243        | 2253         | rVV8     | 4804           | 8800          | 1.70%           | 0.214%        |
| 19        | 8.854       | 2417          | 2430        | 2456         | rBV      | 235564         | 390184        | 75.56%          | 9.470%        |
| 20        | 9.146       | 2511          | 2521        | 2534         | rVB3     | 4537           | 7936          | 1.54%           | 0.193%        |
| 21        | 10.220      | 2843          | 2855        | 2869         | rBV      | 80771          | 130570        | 25.28%          | 3.169%        |
| 22        | 11.156      | 3135          | 3146        | 3155         | rBV7     | 8095           | 13646         | 2.64%           | 0.331%        |
| 23        | 11.249      | 3165          | 3175        | 3194         | rBV      | 216129         | 339462        | 65.73%          | 8.239%        |
| 24        | 11.532      | 3255          | 3263        | 3277         | rBV3     | 11083          | 20137         | 3.90%           | 0.489%        |
| 25        | 11.625      | 3281          | 3292        | 3313         | rVB      | 226707         | 358273        | 69.38%          | 8.696%        |
| 26        | 12.345      | 3507          | 3516        | 3531         | rBV3     | 28217          | 42802         | 8.29%           | 1.039%        |

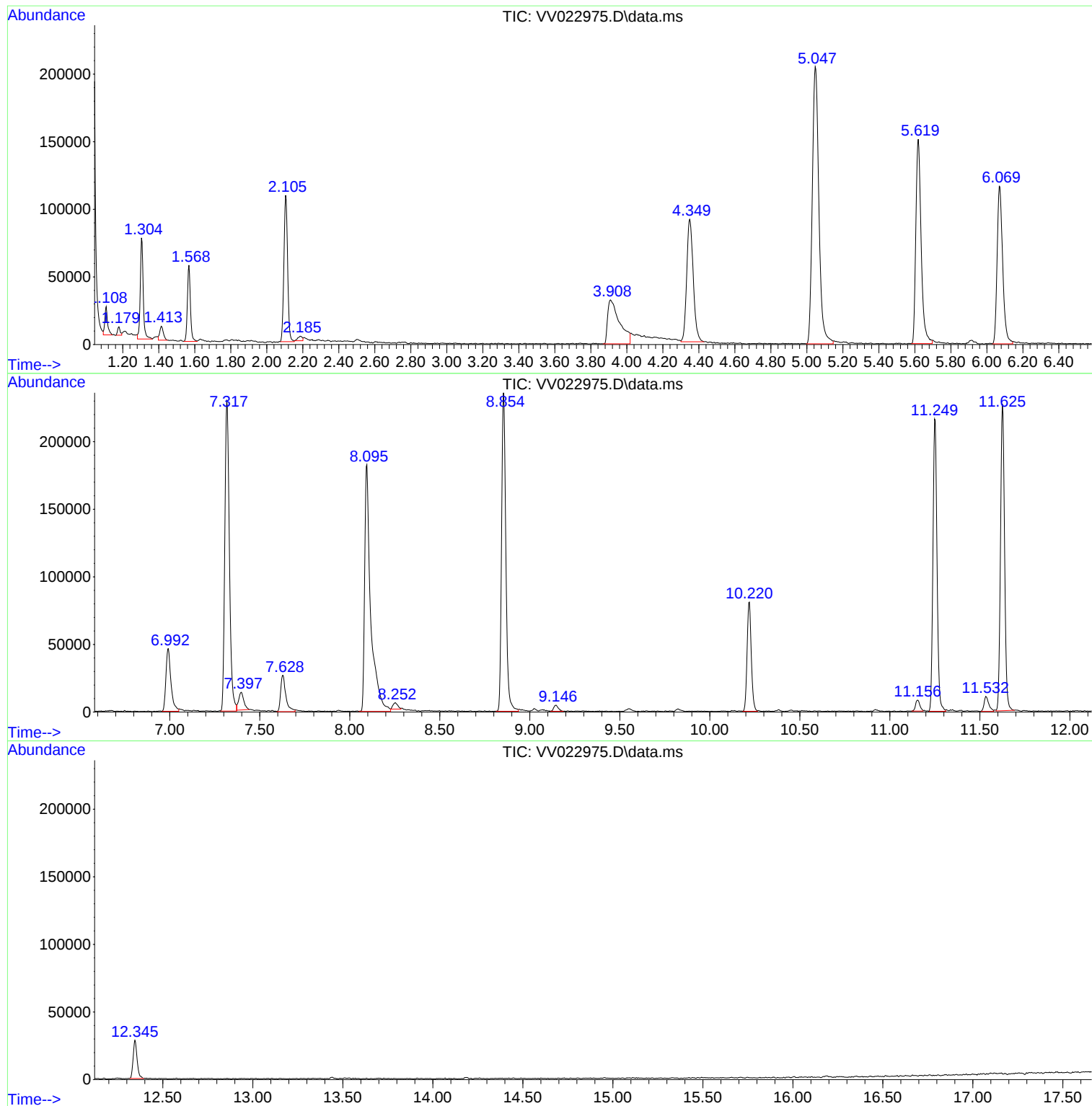
Sum of corrected areas: 4120144

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Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7J6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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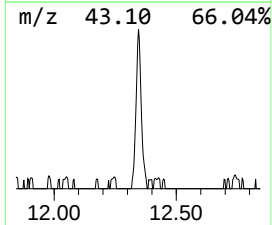
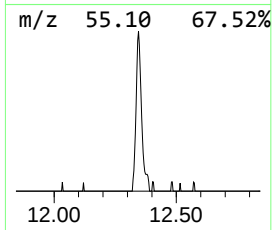
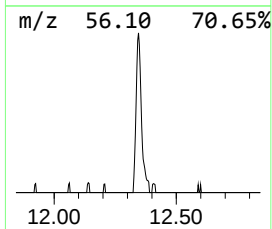
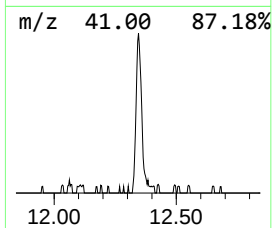
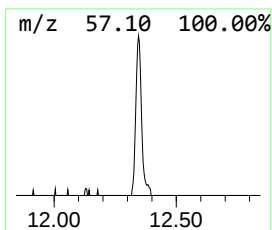
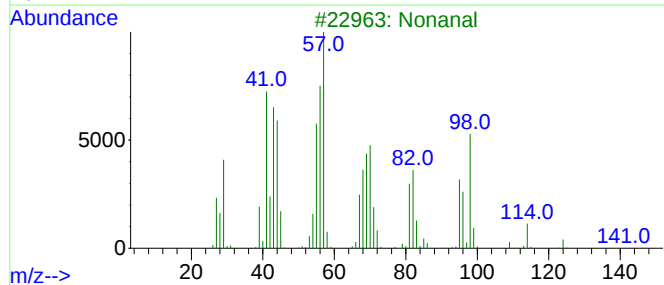
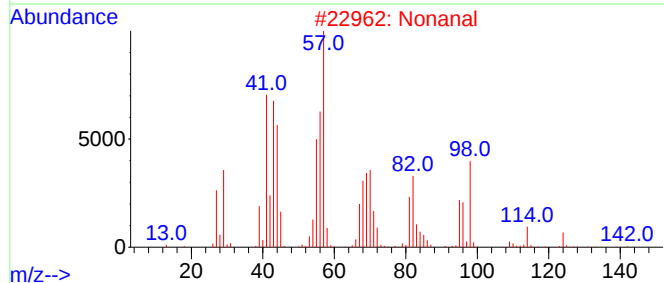
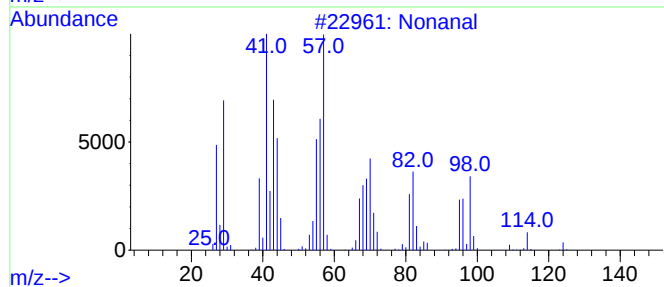
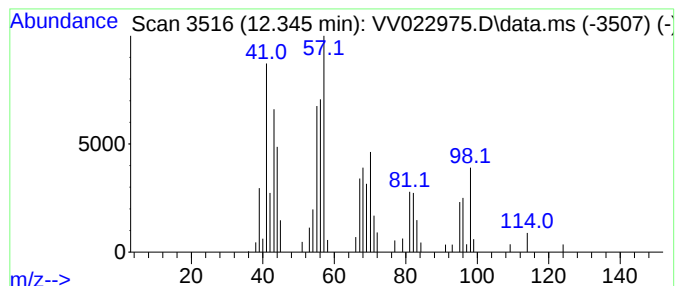
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 2 Nonanal Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.345 | 0.63 ug/L | 42802 | 1,4-Dichlorobenzene-d4 | 11.252 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------|-----|---------|-------------|------|
| 1    |    |   | Nonanal            | 142 | C9H18O  | 000124-19-6 | 86   |
| 2    |    |   | Nonanal            | 142 | C9H18O  | 000124-19-6 | 80   |
| 3    |    |   | Nonanal            | 142 | C9H18O  | 000124-19-6 | 72   |
| 4    |    |   | Cycloheptane       | 98  | C7H14   | 000291-64-5 | 35   |
| 5    |    |   | Heptane, 4-chloro- | 134 | C7H15Cl | 000998-95-8 | 35   |



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| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                  |        |         |       |          | #                     | RT     | Resp   | Conc |
| Nonanal          | 12.345 | 0.6     | ug/L  | 42802    | 3                     | 11.252 | 339462 | 5.0  |