

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090219\  
 Data File : VV012530.D  
 Acq On : 02 Sep 2019 15:44  
 Operator : SY/MD  
 Sample : K4607-03  
 Misc : 25mL/MSVOA V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFD60

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR090219WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

| 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         | 1.319       | 64            | 71          | 86           | rVB      | 103649         | 109759        | 19.45%          | 2.170%        |
| 2         | 1.585       | 146           | 154         | 165          | rBV      | 103485         | 117266        | 20.78%          | 2.318%        |
| 3         | 2.135       | 315           | 325         | 337          | rBV      | 196564         | 283046        | 50.17%          | 5.595%        |
| 4         | 2.200       | 338           | 345         | 353          | rVB      | 10460          | 17965         | 3.18%           | 0.355%        |
| 5         | 2.319       | 376           | 382         | 398          | rVB2     | 9820           | 20254         | 3.59%           | 0.400%        |
| 6         | 3.942       | 875           | 887         | 912          | rBV2     | 68280          | 206894        | 36.67%          | 4.090%        |
| 7         | 4.148       | 943           | 951         | 958          | rBV3     | 5640           | 9996          | 1.77%           | 0.198%        |
| 8         | 4.402       | 1012          | 1030        | 1050         | rBV      | 107640         | 271861        | 48.19%          | 5.374%        |
| 9         | 5.097       | 1230          | 1246        | 1268         | rBV3     | 228602         | 564196        | 100.00%         | 11.153%       |
| 10        | 5.666       | 1408          | 1423        | 1443         | rBV      | 174640         | 369087        | 65.42%          | 7.296%        |
| 11        | 5.952       | 1499          | 1512        | 1523         | rBV      | 9774           | 21340         | 3.78%           | 0.422%        |
| 12        | 6.116       | 1550          | 1563        | 1580         | rBV      | 136862         | 281180        | 49.84%          | 5.558%        |
| 13        | 7.029       | 1837          | 1847        | 1860         | rBV2     | 58841          | 112280        | 19.90%          | 2.220%        |
| 14        | 7.360       | 1934          | 1950        | 1962         | rBV      | 238079         | 424025        | 75.16%          | 8.382%        |
| 15        | 7.431       | 1963          | 1972        | 1985         | rVB      | 73031          | 133398        | 23.64%          | 2.637%        |
| 16        | 7.666       | 2035          | 2045        | 2062         | rBV2     | 36143          | 70067         | 12.42%          | 1.385%        |
| 17        | 8.023       | 2148          | 2156        | 2165         | rVB2     | 4302           | 7998          | 1.42%           | 0.158%        |
| 18        | 8.138       | 2181          | 2192        | 2227         | rBV2     | 187017         | 495136        | 87.76%          | 9.788%        |
| 19        | 8.286       | 2230          | 2238        | 2251         | rVB2     | 48499          | 81517         | 14.45%          | 1.611%        |
| 20        | 8.894       | 2413          | 2427        | 2444         | rBV      | 276104         | 476436        | 84.45%          | 9.418%        |
| 21        | 9.180       | 2509          | 2516        | 2521         | rBV7     | 5139           | 6889          | 1.22%           | 0.136%        |
| 22        | 9.601       | 2635          | 2647        | 2659         | rBV6     | 28568          | 57980         | 10.28%          | 1.146%        |
| 23        | 9.855       | 2718          | 2726        | 2736         | rVB6     | 5804           | 9879          | 1.75%           | 0.195%        |
| 24        | 10.260      | 2841          | 2852        | 2863         | rBV      | 80242          | 127149        | 22.54%          | 2.513%        |
| 25        | 11.292      | 3162          | 3173        | 3191         | rBV      | 228684         | 399951        | 70.89%          | 7.906%        |
| 26        | 11.669      | 3277          | 3290        | 3310         | rBV      | 217365         | 371689        | 65.88%          | 7.348%        |
| 27        | 12.402      | 3509          | 3518        | 3526         | rBV      | 6244           | 11456         | 2.03%           | 0.226%        |

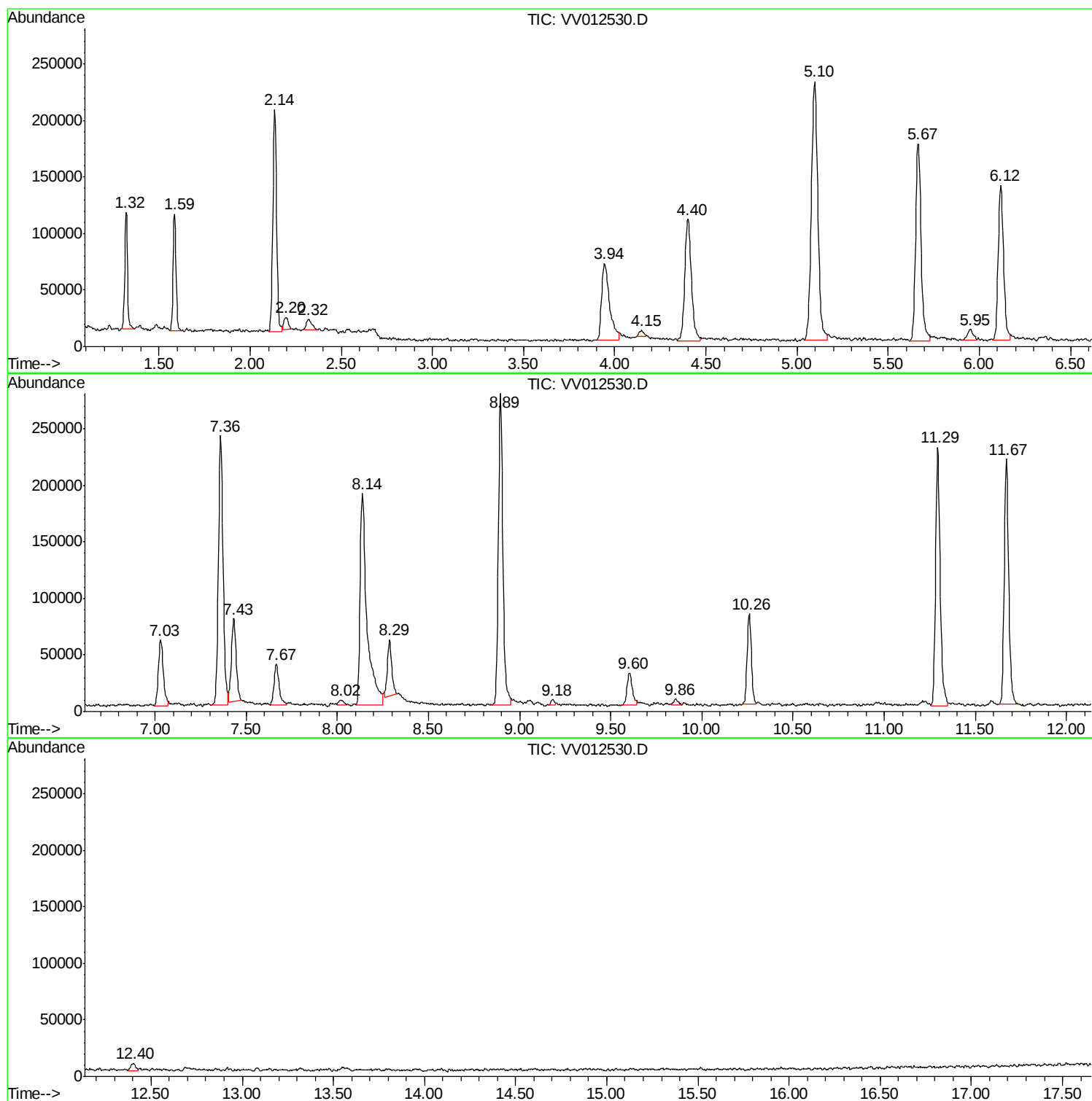
Sum of corrected areas: 5058694

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV090219\  
Data File : VV012530.D  
Acq On : 02 Sep 2019 15:44  
Operator : SY/MD  
Sample : K4607-03  
Misc : 25mL/MSVOA V/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampled :  
BFD60

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR090219WMA.M  
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV090219\  
Data File : VV012530.D  
Acq On : 02 Sep 2019 15:44  
Operator : SY/MD  
Sample : K4607-03  
Misc : 25mL/MSVOA V/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFD60

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR090219WMA.M  
Quant Title : TRACE VOA SOM01.0

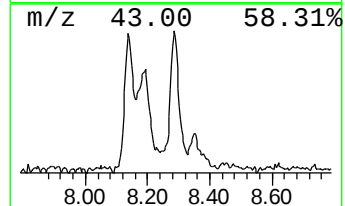
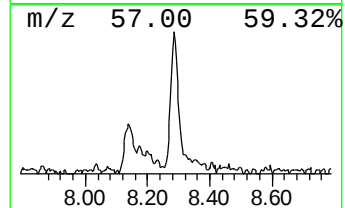
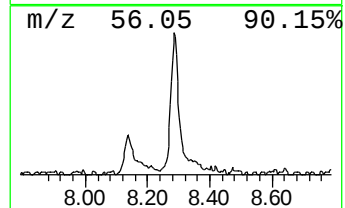
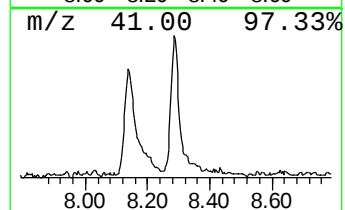
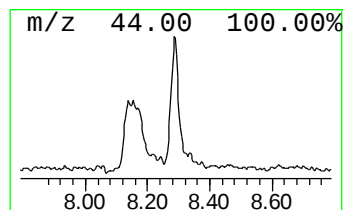
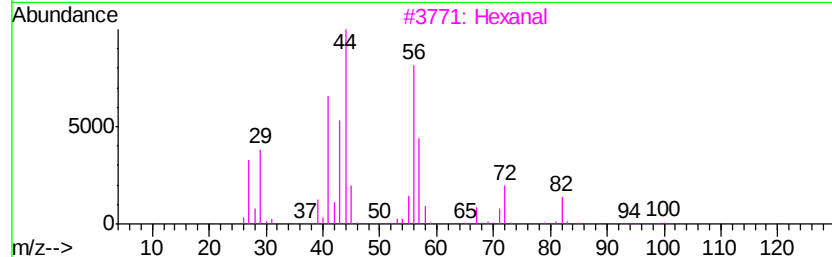
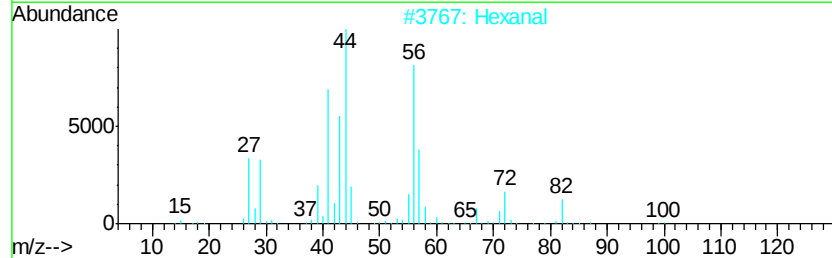
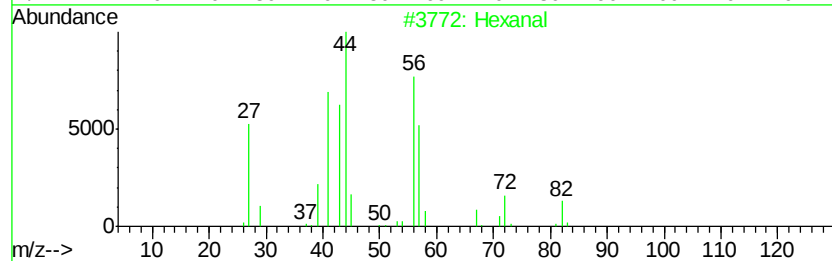
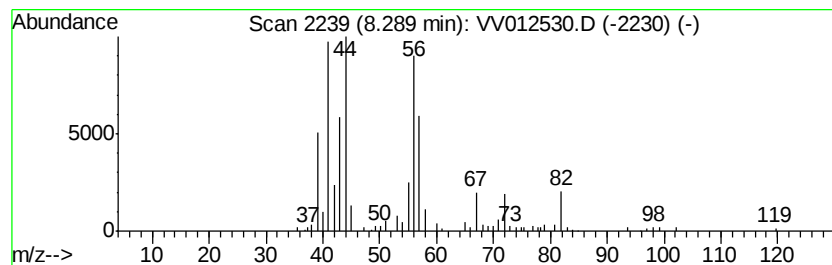
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Hexanal Concentration Rank 2

| R.T. | EstConc   | Area  | Relative to ISTD | R.T. |
|------|-----------|-------|------------------|------|
| 8.29 | 0.86 ug/L | 81517 | Chlorobenzene-d5 | 8.90 |

| Hit# of | 5                    | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|----------------------|--------------|-----|---------|-------------|------|
| 1       | Hexanal              |              | 100 | C6H12O  | 000066-25-1 | 58   |
| 2       | Hexanal              |              | 100 | C6H12O  | 000066-25-1 | 53   |
| 3       | Hexanal              |              | 100 | C6H12O  | 000066-25-1 | 53   |
| 4       | Aziridine, 2-methyl- |              | 57  | C3H7N   | 000075-55-8 | 27   |
| 5       | 1-Hexene, 5-methyl-  |              | 98  | C7H14   | 003524-73-0 | 25   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV090219\  
Data File : VV012530.D  
Acq On : 02 Sep 2019 15:44  
Operator : SY/MD  
Sample : K4607-03  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFD60

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR090219WMA.M  
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| Hexanal          | 8.29 | 0.9     | ug/L  | 81517    | 2                     | 8.90 | 476436 | 5.0  |