

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071018\  
 Data File : VV006568.D  
 Acq On : 10 Jul 2018 14:57  
 Operator : SY/MD  
 Sample : J3919-09  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AJ4

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\SOMVTR070718WMA.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         | 1.029       | 28            | 43          | 67           | rBV      | 1022806        | 1232575       | 100.00%         | 14.171%       |
| 2         | 1.228       | 100           | 105         | 111          | rBV      | 90538          | 75019         | 6.09%           | 0.863%        |
| 3         | 1.321       | 125           | 134         | 154          | rBV      | 91236          | 116751        | 9.47%           | 1.342%        |
| 4         | 1.585       | 209           | 216         | 237          | rVB      | 85626          | 106424        | 8.63%           | 1.224%        |
| 5         | 2.135       | 377           | 387         | 399          | rBV      | 187387         | 263663        | 21.39%          | 3.031%        |
| 6         | 2.205       | 402           | 409         | 420          | rVB      | 10144          | 18434         | 1.50%           | 0.212%        |
| 7         | 3.958       | 937           | 954         | 1000         | rBV      | 122175         | 392174        | 31.82%          | 4.509%        |
| 8         | 4.408       | 1075          | 1094        | 1114         | rBV      | 140737         | 331740        | 26.91%          | 3.814%        |
| 9         | 5.099       | 1288          | 1309        | 1332         | rBV2     | 336772         | 783379        | 63.56%          | 9.007%        |
| 10        | 5.668       | 1469          | 1486        | 1506         | rBV      | 359052         | 699796        | 56.78%          | 8.046%        |
| 11        | 6.122       | 1611          | 1627        | 1651         | rBV      | 191142         | 380424        | 30.86%          | 4.374%        |
| 12        | 7.035       | 1898          | 1911        | 1933         | rBV      | 87674          | 154494        | 12.53%          | 1.776%        |
| 13        | 7.363       | 2000          | 2013        | 2030         | rBV      | 375329         | 642465        | 52.12%          | 7.386%        |
| 14        | 7.668       | 2096          | 2108        | 2126         | rBV2     | 53282          | 88342         | 7.17%           | 1.016%        |
| 15        | 7.987       | 2195          | 2207        | 2221         | rVB2     | 11752          | 21414         | 1.74%           | 0.246%        |
| 16        | 8.141       | 2240          | 2255        | 2287         | rBV2     | 473559         | 906924        | 73.58%          | 10.427%       |
| 17        | 8.289       | 2292          | 2301        | 2315         | rVB3     | 10324          | 19267         | 1.56%           | 0.222%        |
| 18        | 8.900       | 2476          | 2491        | 2515         | rBV      | 496754         | 808876        | 65.62%          | 9.300%        |
| 19        | 10.266      | 2905          | 2916        | 2937         | rBV      | 151929         | 239276        | 19.41%          | 2.751%        |
| 20        | 10.430      | 2956          | 2967        | 2978         | rBV      | 22790          | 37687         | 3.06%           | 0.433%        |
| 21        | 11.302      | 3222          | 3238        | 3265         | rBV      | 458634         | 733616        | 59.52%          | 8.434%        |
| 22        | 11.584      | 3312          | 3326        | 3343         | rBV2     | 8826           | 18972         | 1.54%           | 0.218%        |
| 23        | 11.678      | 3343          | 3355        | 3378         | rVB      | 374776         | 598534        | 48.56%          | 6.881%        |
| 24        | 12.398      | 3570          | 3579        | 3594         | rBV2     | 16611          | 27591         | 2.24%           | 0.317%        |

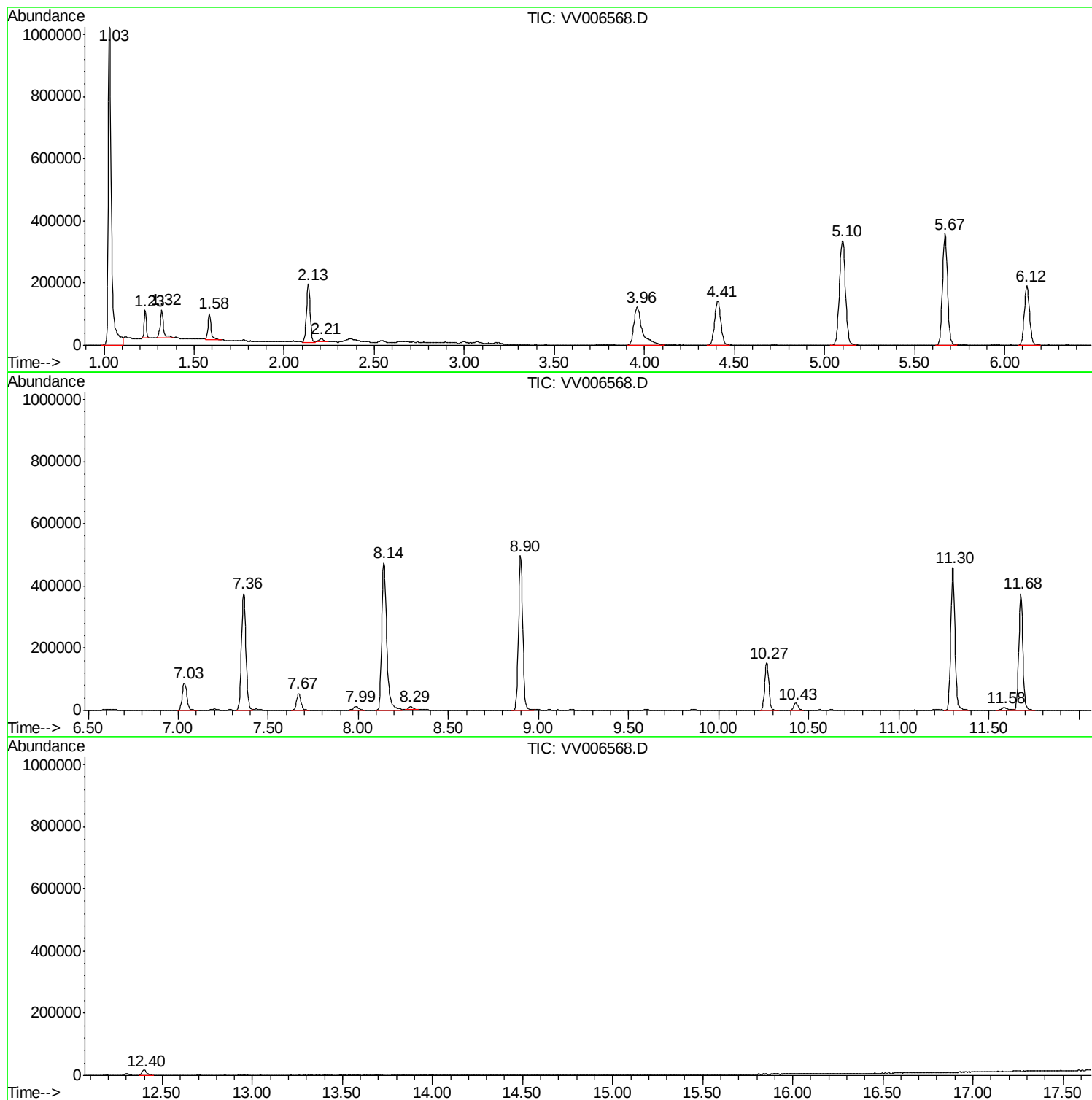
Sum of corrected areas: 8697837

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV071018\  
Data File : VV006568.D  
Acq On : 10 Jul 2018 14:57  
Operator : SY/MD  
Sample : J3919-09  
Misc : 25 mL/MSVOA V/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AJ4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR070718WMA.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\VV071018\  
Data File : VV006568.D  
Acq On : 10 Jul 2018 14:57  
Operator : SY/MD  
Sample : J3919-09  
Misc : 25 mL/MSVOA V/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AJ4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR070718WMA.M  
Quant Title : TRACE VOA SOM01.0

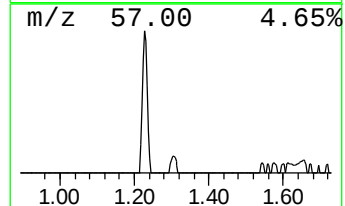
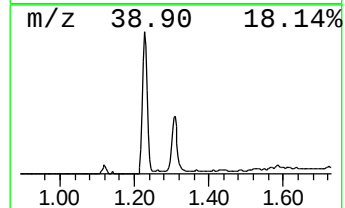
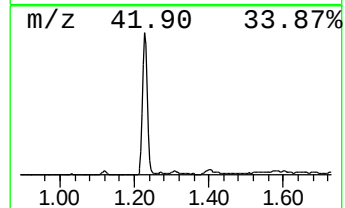
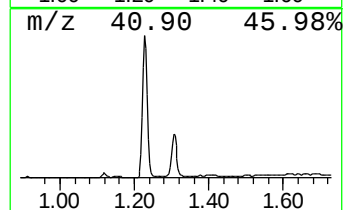
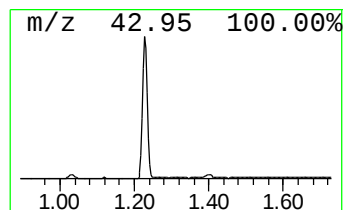
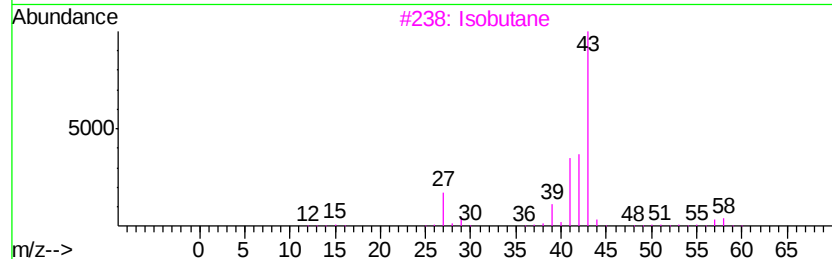
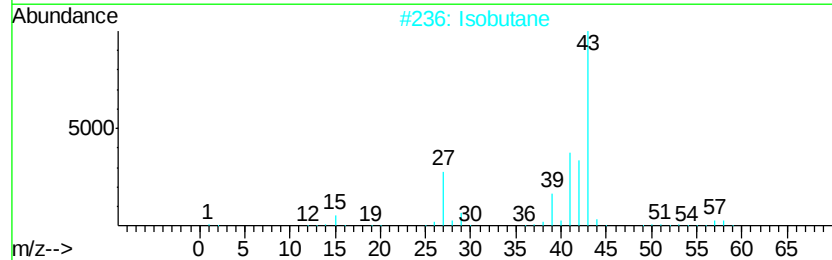
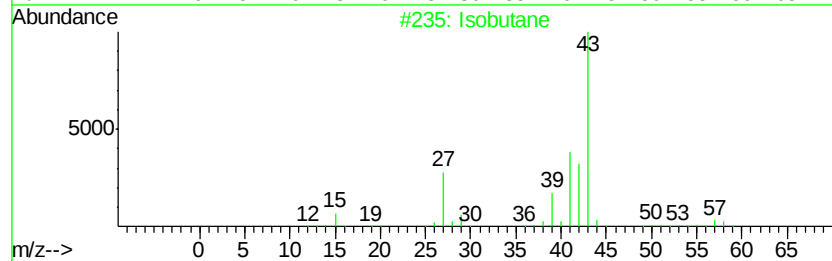
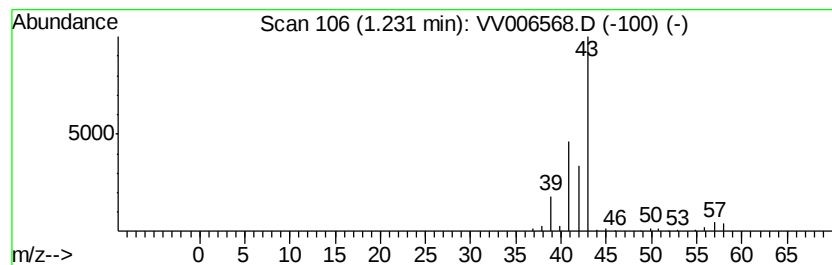
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 1.23 | 0.54 ug/L | 75019 | 1,4-Difluorobenzene | 5.67 |

| Hit# | of | 5 | Tentative ID    | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------|----|---------|-------------|------|
| 1    |    |   | Isobutane       | 58 | C4H10   | 000075-28-5 | 72   |
| 2    |    |   | Isobutane       | 58 | C4H10   | 000075-28-5 | 72   |
| 3    |    |   | Isobutane       | 58 | C4H10   | 000075-28-5 | 64   |
| 4    |    |   | Isobutane       | 58 | C4H10   | 000075-28-5 | 50   |
| 5    |    |   | Cyclobutylamine | 71 | C4H9N   | 002516-34-9 | 4    |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV071018\  
Data File : VV006568.D  
Acq On : 10 Jul 2018 14:57  
Operator : SY/MD  
Sample : J3919-09  
Misc : 25 mL/MSVOA\_V/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AJ4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR070718WMA.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 |
| (DEL) Alkane: Str... | 1.23 | 0.5     | ug/L  | 75019    | 1                     | 5.67 | 699796 | 5.0  |