

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\  
 Data File : VW013185.D  
 Acq On : 20 Sep 2019 16:41  
 Operator : SY/VA  
 Sample : K4888-02  
 Misc : 5.68G/5ML/MSVOA W/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 980-B-1-(24)

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

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\_W\METHOD\82W092019S.M

Title : SW846 8260

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         | 1.965       | 7             | 10          | 20           | rVB2     | 11303          | 24041         | 1.65%           | 0.284%        |
| 2         | 2.172       | 36            | 44          | 50           | rBV2     | 8016           | 18159         | 1.25%           | 0.214%        |
| 3         | 2.349       | 65            | 73          | 84           | rBV      | 98423          | 183487        | 12.60%          | 2.164%        |
| 4         | 4.909       | 483           | 493         | 508          | rVB2     | 12146          | 40510         | 2.78%           | 0.478%        |
| 5         | 5.117       | 516           | 527         | 535          | rBV2     | 4664           | 16961         | 1.16%           | 0.200%        |
| 6         | 7.141       | 847           | 859         | 872          | rBV2     | 72964          | 218120        | 14.98%          | 2.573%        |
| 7         | 7.878       | 969           | 980         | 985          | rBV      | 184147         | 444572        | 30.53%          | 5.244%        |
| 8         | 7.939       | 985           | 990         | 1005         | rVB      | 394889         | 883009        | 60.64%          | 10.416%       |
| 9         | 8.305       | 1039          | 1050        | 1060         | rBV      | 176089         | 393411        | 27.02%          | 4.641%        |
| 10        | 8.842       | 1128          | 1138        | 1152         | rBV      | 543209         | 1102517       | 75.71%          | 13.005%       |
| 11        | 10.323      | 1372          | 1381        | 1387         | rBV      | 819834         | 1456205       | 100.00%         | 17.177%       |
| 12        | 10.384      | 1387          | 1391        | 1399         | rVB      | 61279          | 108863        | 7.48%           | 1.284%        |
| 13        | 10.859      | 1461          | 1469        | 1477         | rBV      | 228104         | 399273        | 27.42%          | 4.710%        |
| 14        | 11.628      | 1586          | 1595        | 1608         | rBV      | 699324         | 1174856       | 80.68%          | 13.859%       |
| 15        | 12.615      | 1750          | 1757        | 1766         | rVB      | 523175         | 866161        | 59.48%          | 10.217%       |
| 16        | 12.932      | 1805          | 1809        | 1815         | rVB4     | 12347          | 21708         | 1.49%           | 0.256%        |
| 17        | 13.554      | 1905          | 1911        | 1918         | rVB      | 636794         | 1037982       | 71.28%          | 12.244%       |
| 18        | 13.871      | 1959          | 1963        | 1968         | rBV3     | 13088          | 17466         | 1.20%           | 0.206%        |
| 19        | 14.072      | 1989          | 1996        | 2004         | rVB      | 31343          | 54005         | 3.71%           | 0.637%        |
| 20        | 15.493      | 2223          | 2229        | 2235         | rBV      | 8274           | 16132         | 1.11%           | 0.190%        |

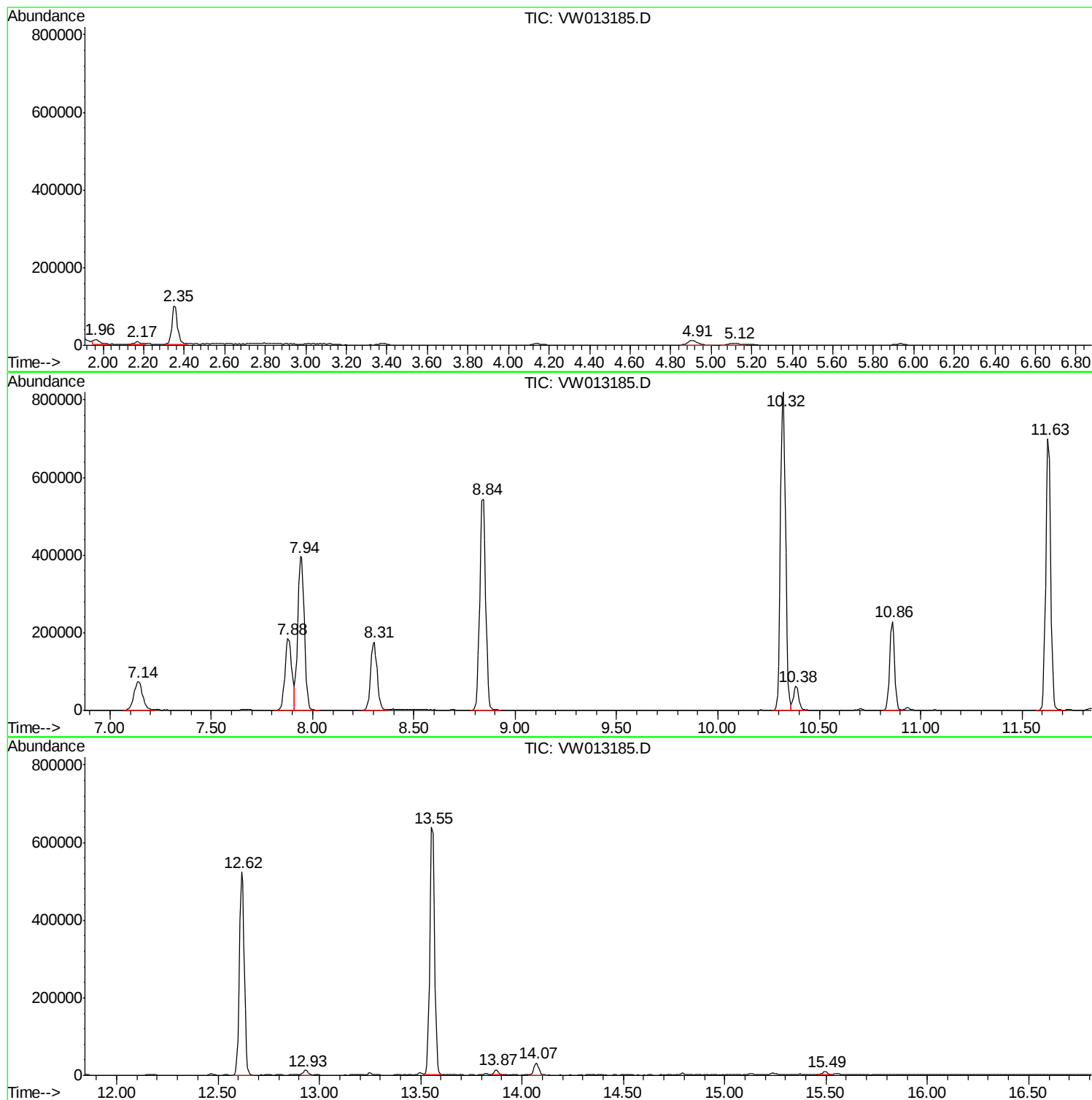
Sum of corrected areas: 8477438

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980-B-1-(24)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W092019S.M  
Quant Title : SW846 8260

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



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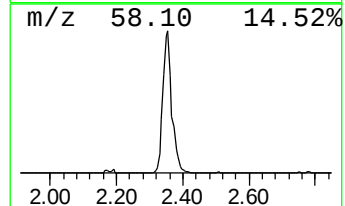
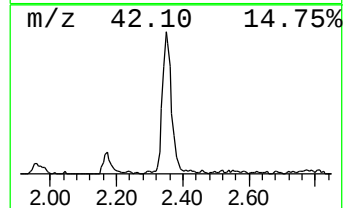
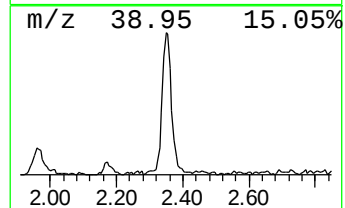
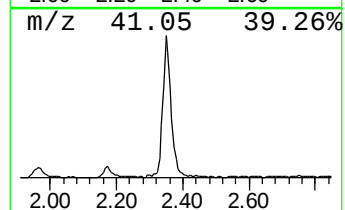
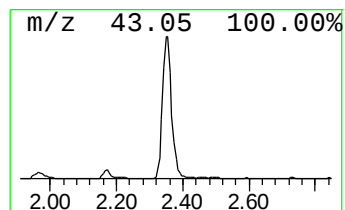
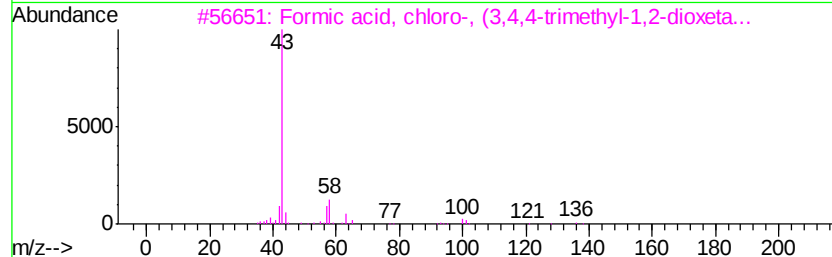
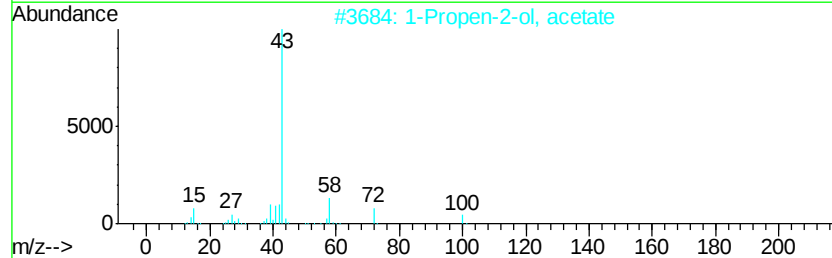
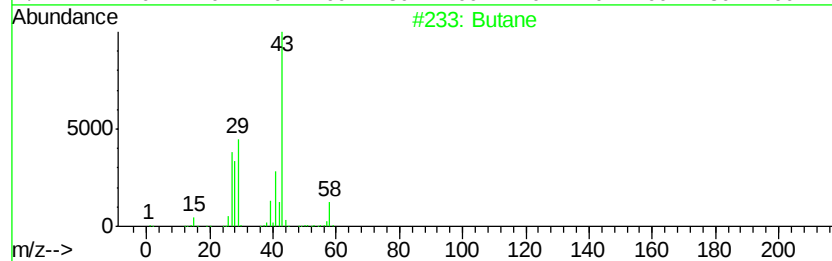
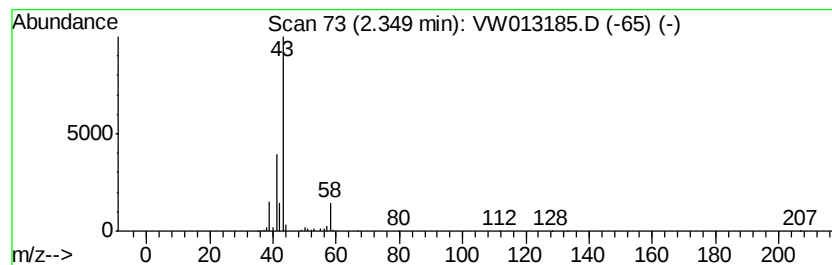
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W092019S.M  
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Butane Concentration Rank 2

| R.T. | EstConc    | Area   | Relative to ISTD   | R.T. |
|------|------------|--------|--------------------|------|
| 2.35 | 10.39 ug/l | 183487 | Pentafluorobenzene | 7.94 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|-------------------------------------|-----|-----------|-------------|------|
| 1    | 5  | Butane                              | 58  | C4H10     | 000106-97-8 | 80   |
| 2    |    | 1-Propen-2-ol, acetate              | 100 | C5H8O2    | 000108-22-5 | 36   |
| 3    |    | Formic acid, chloro-, (3,4,4-tri... | 194 | C7H11ClO4 | 107323-92-2 | 36   |
| 4    |    | 2,3-Butanedione, monooxime          | 101 | C4H7N02   | 000057-71-6 | 9    |
| 5    |    | Isopropylsulfonyl chloride          | 142 | C3H7ClO2S | 010147-37-2 | 9    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane           | 2.35 | 10.4    | ug/l  | 183487   | 1                     | 7.94 | 883009 | 50.0 |