

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031020\  
 Data File : VY001919.D  
 Acq On : 10 Mar 2020 13:08  
 Operator : SY/MD  
 Sample : VY0310SBL01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0310SBL01

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\_Y\METHODS\82Y030420S.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         | 4.724       | 477           | 490         | 503          | rBV3     | 7345           | 26104         | 1.45%           | 0.367%        |
| 2         | 6.992       | 849           | 862         | 876          | rBV      | 38170          | 113211        | 6.28%           | 1.590%        |
| 3         | 7.730       | 973           | 983         | 988          | rBV      | 117742         | 277933        | 15.42%          | 3.904%        |
| 4         | 7.797       | 988           | 994         | 1005         | rVB      | 202675         | 461679        | 25.62%          | 6.484%        |
| 5         | 8.126       | 1035          | 1048        | 1063         | rBV2     | 615178         | 1802288       | 100.00%         | 25.314%       |
| 6         | 8.699       | 1133          | 1142        | 1150         | rBV      | 345195         | 675537        | 37.48%          | 9.488%        |
| 7         | 9.626       | 1286          | 1294        | 1304         | rVB2     | 16964          | 32981         | 1.83%           | 0.463%        |
| 8         | 9.754       | 1308          | 1315        | 1324         | rVB      | 43547          | 86753         | 4.81%           | 1.218%        |
| 9         | 10.120      | 1370          | 1375        | 1380         | rBV      | 20319          | 34306         | 1.90%           | 0.482%        |
| 10        | 10.187      | 1380          | 1386        | 1394         | rVB      | 537858         | 937462        | 52.02%          | 13.167%       |
| 11        | 10.589      | 1443          | 1452        | 1459         | rBV      | 133003         | 239023        | 13.26%          | 3.357%        |
| 12        | 10.961      | 1507          | 1513        | 1524         | rVV      | 54349          | 87045         | 4.83%           | 1.223%        |
| 13        | 11.333      | 1568          | 1574        | 1581         | rVB      | 85740          | 138596        | 7.69%           | 1.947%        |
| 14        | 11.504      | 1594          | 1602        | 1612         | rBV      | 506342         | 817956        | 45.38%          | 11.488%       |
| 15        | 12.504      | 1758          | 1766        | 1777         | rBV2     | 386725         | 648591        | 35.99%          | 9.110%        |
| 16        | 13.211      | 1877          | 1882        | 1888         | rBV      | 12233          | 18072         | 1.00%           | 0.254%        |
| 17        | 13.455      | 1915          | 1922        | 1929         | rVB      | 464796         | 722252        | 40.07%          | 10.144%       |

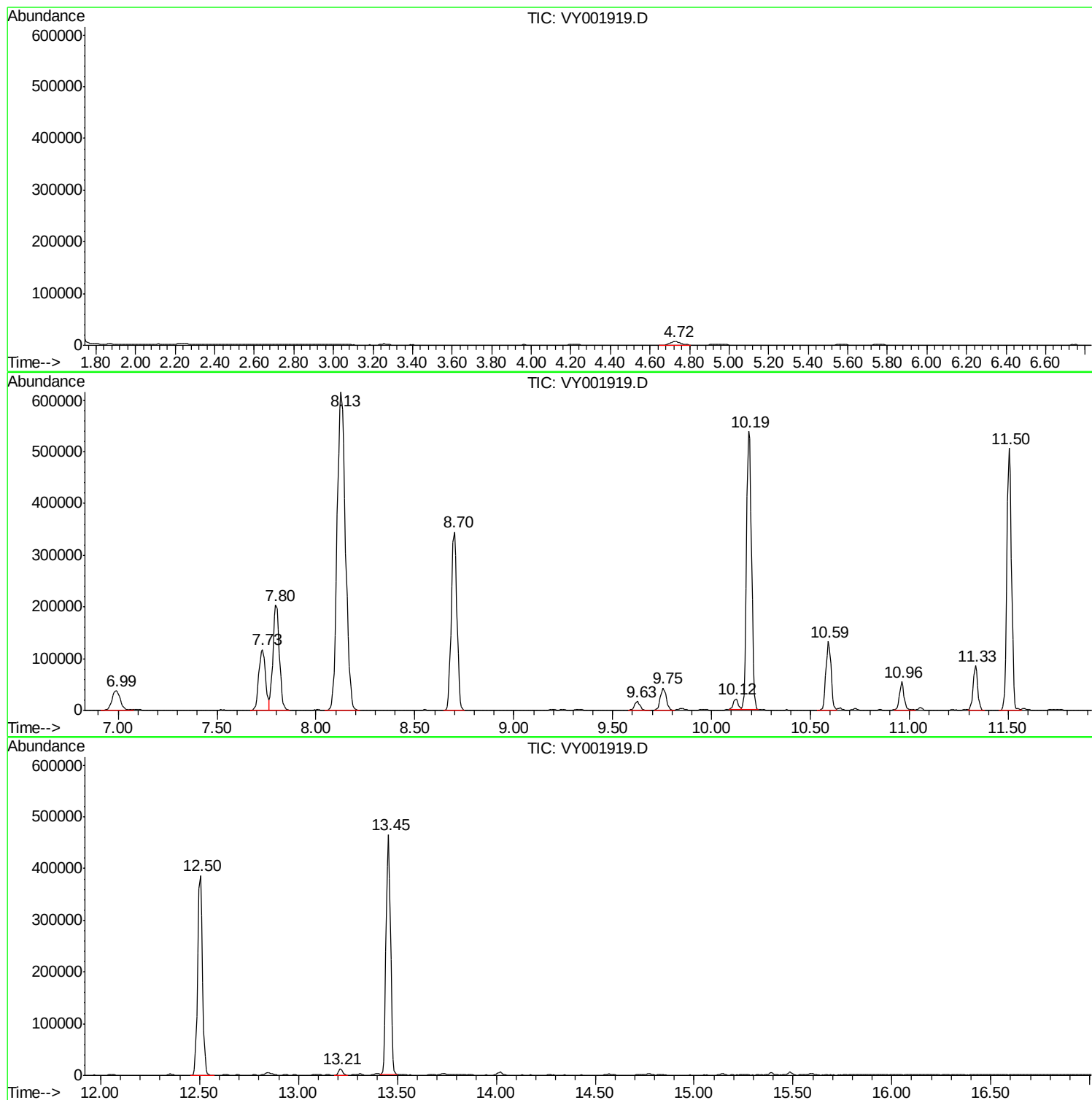
Sum of corrected areas: 7119789

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y030420S.M  
Quant Title : SW846 8260

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



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ClientSampleId :  
VY0310SBL01

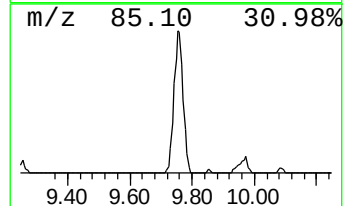
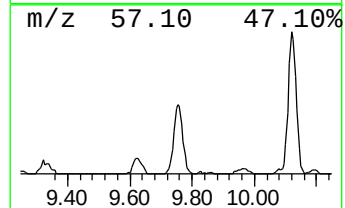
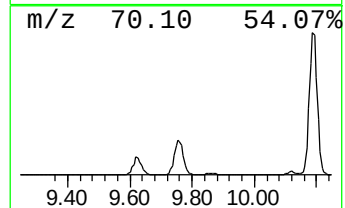
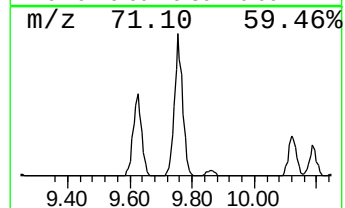
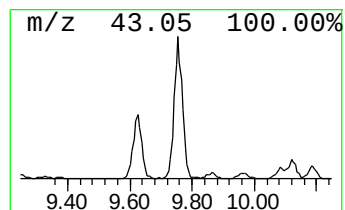
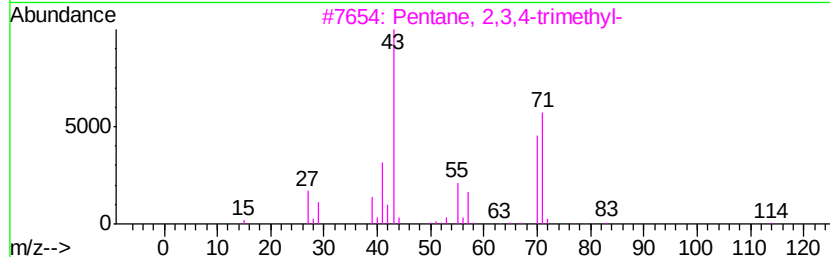
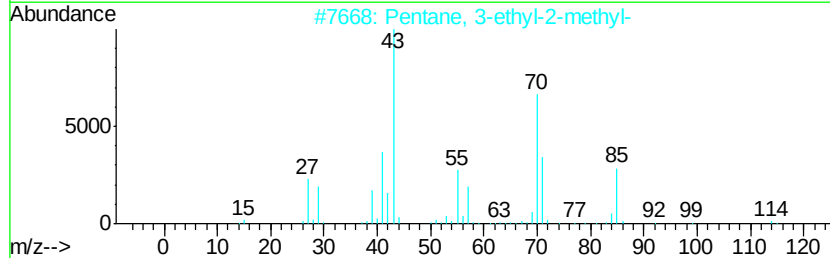
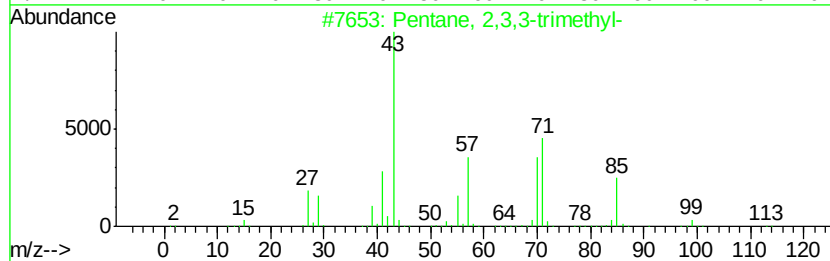
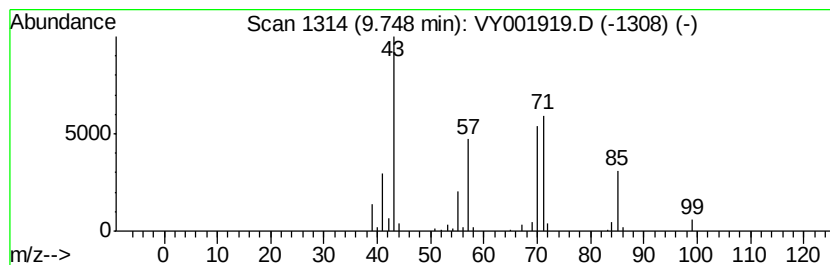
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y030420S.M  
Quant Title : SW846 8260

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

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Peak Number 2 Pentane, 2,3,3-trimethyl- Concentration Rank 4

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 9.75 | 6.42 ug/l | 86753 | 1,4-Difluorobenzene | 8.70 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Pentane, 2,3,3-trimethyl-  | 114 | C8H18   | 000560-21-4 | 90   |
| 2    |    | Pentane, 3-ethyl-2-methyl- | 114 | C8H18   | 000609-26-7 | 64   |
| 3    |    | Pentane, 2,3,4-trimethyl-  | 114 | C8H18   | 000565-75-3 | 59   |
| 4    |    | Heptane, 3,3,4-trimethyl-  | 142 | C10H22  | 020278-87-9 | 59   |
| 5    |    | Pentane, 3-ethyl-          | 100 | C7H16   | 000617-78-7 | 53   |



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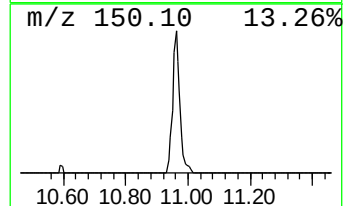
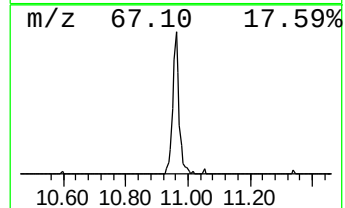
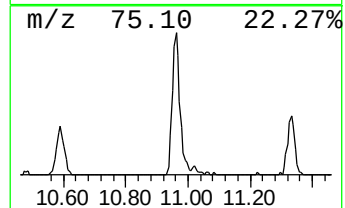
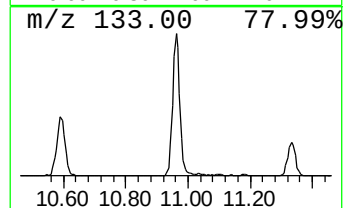
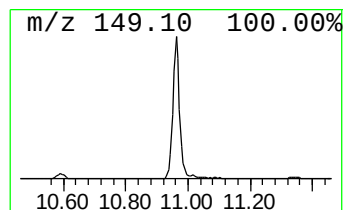
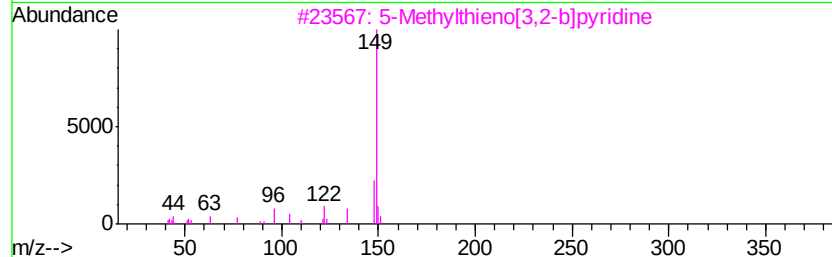
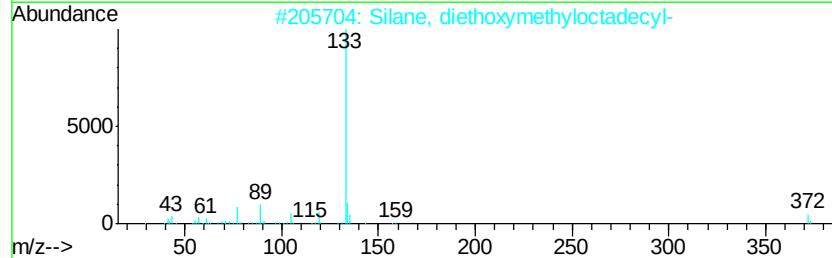
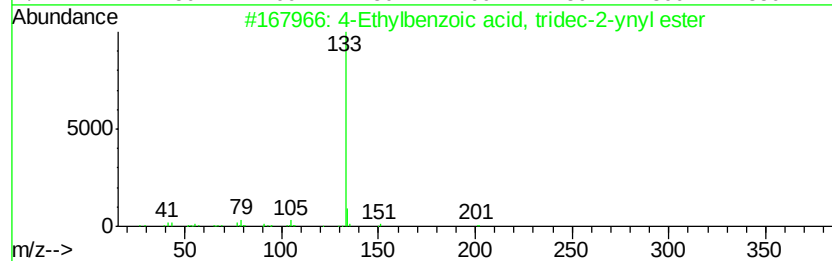
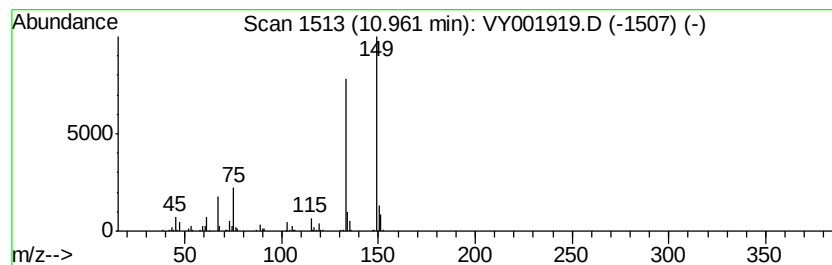
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 unknown10.96 Concentration Rank 5

| R.T.  | EstConc   | Area  | Relative to ISTD | R.T.  |
|-------|-----------|-------|------------------|-------|
| 10.96 | 5.32 ug/l | 87045 | Chlorobenzene-d5 | 11.50 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|---------|---|-------------------------------------|-----|------------|--------------|------|
| 1       |   | 4-Ethylbenzoic acid, tridec-2-yn... | 328 | C22H32O2   | 1000292-54-9 | 27   |
| 2       |   | Silane, diethoxymethyloctadecyl-    | 386 | C23H50O2Si | 067859-75-0  | 25   |
| 3       |   | 5-Methylthienof[3,2-b]pyridine      | 149 | C8H7NS     | 001759-29-1  | 25   |
| 4       |   | 4-(Methylthio)benzonitrile          | 149 | C8H7NS     | 021382-98-9  | 25   |
| 5       |   | Formamide, N-ethyl-N-phenyl-        | 149 | C9H11NO    | 005461-49-4  | 17   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Pentane, 2,3,3-tr... | 9.75  | 6.4     | ug/l  | 86753    | 2                     | 8.70  | 675537 | 50.0 |
| unknown10.96         | 10.96 | 5.3     | ug/l  | 87045    | 3                     | 11.50 | 817956 | 50.0 |