

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041521\  
 Data File : VY004453.D  
 Acq On : 15 Apr 2021 20:00  
 Operator : SY/MD  
 Sample : M2048-18  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-06-8.5-9.0

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

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\_Y\methods\82Y041221S.M

Title : SW846 8260

Signal : TIC: VY004453.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         | 2.180       | 46            | 59          | 61           | rBV3     | 12350          | 38491         | 8.98%           | 1.436%        |
| 2         | 4.729       | 465           | 477         | 489          | rBV4     | 5486           | 18287         | 4.27%           | 0.682%        |
| 3         | 5.753       | 637           | 645         | 653          | rBV10    | 1801           | 5251          | 1.23%           | 0.196%        |
| 4         | 7.728       | 959           | 969         | 974          | rBV2     | 53734          | 127177        | 29.67%          | 4.744%        |
| 5         | 7.795       | 974           | 980         | 991          | rVB      | 104243         | 237569        | 55.43%          | 8.861%        |
| 6         | 8.124       | 1020          | 1034        | 1048         | rBV2     | 95764          | 332982        | 77.69%          | 12.420%       |
| 7         | 8.691       | 1120          | 1127        | 1137         | rVB      | 154849         | 309072        | 72.11%          | 11.528%       |
| 8         | 9.618       | 1272          | 1279        | 1287         | rVB2     | 6632           | 14429         | 3.37%           | 0.538%        |
| 9         | 9.746       | 1294          | 1300        | 1310         | rBV3     | 14912          | 31788         | 7.42%           | 1.186%        |
| 10        | 10.112      | 1356          | 1360        | 1365         | rBV      | 6122           | 10124         | 2.36%           | 0.378%        |
| 11        | 10.185      | 1365          | 1372        | 1379         | rVB      | 247763         | 428605        | 100.00%         | 15.986%       |
| 12        | 10.581      | 1428          | 1437        | 1444         | rBV      | 34008          | 62762         | 14.64%          | 2.341%        |
| 13        | 10.715      | 1454          | 1459        | 1466         | rBV8     | 2065           | 4461          | 1.04%           | 0.166%        |
| 14        | 11.044      | 1509          | 1513        | 1519         | rVB8     | 3724           | 6386          | 1.49%           | 0.238%        |
| 15        | 11.319      | 1553          | 1558        | 1565         | rVB2     | 33608          | 56301         | 13.14%          | 2.100%        |
| 16        | 11.489      | 1579          | 1586        | 1594         | rBV      | 210493         | 352138        | 82.16%          | 13.134%       |
| 17        | 12.483      | 1743          | 1749        | 1757         | rVB2     | 182049         | 294548        | 68.72%          | 10.986%       |
| 18        | 12.837      | 1804          | 1807        | 1813         | rVB2     | 6196           | 10320         | 2.41%           | 0.385%        |
| 19        | 13.184      | 1859          | 1864        | 1869         | rVB      | 7471           | 11024         | 2.57%           | 0.411%        |
| 20        | 13.428      | 1897          | 1904        | 1910         | rBV      | 199345         | 304015        | 70.93%          | 11.339%       |
| 21        | 13.635      | 1934          | 1938        | 1942         | rBV7     | 2716           | 5596          | 1.31%           | 0.209%        |
| 22        | 13.965      | 1987          | 1992        | 2001         | rBV4     | 7769           | 14470         | 3.38%           | 0.540%        |
| 23        | 15.312      | 2211          | 2213        | 2218         | rVB4     | 3261           | 5249          | 1.22%           | 0.196%        |

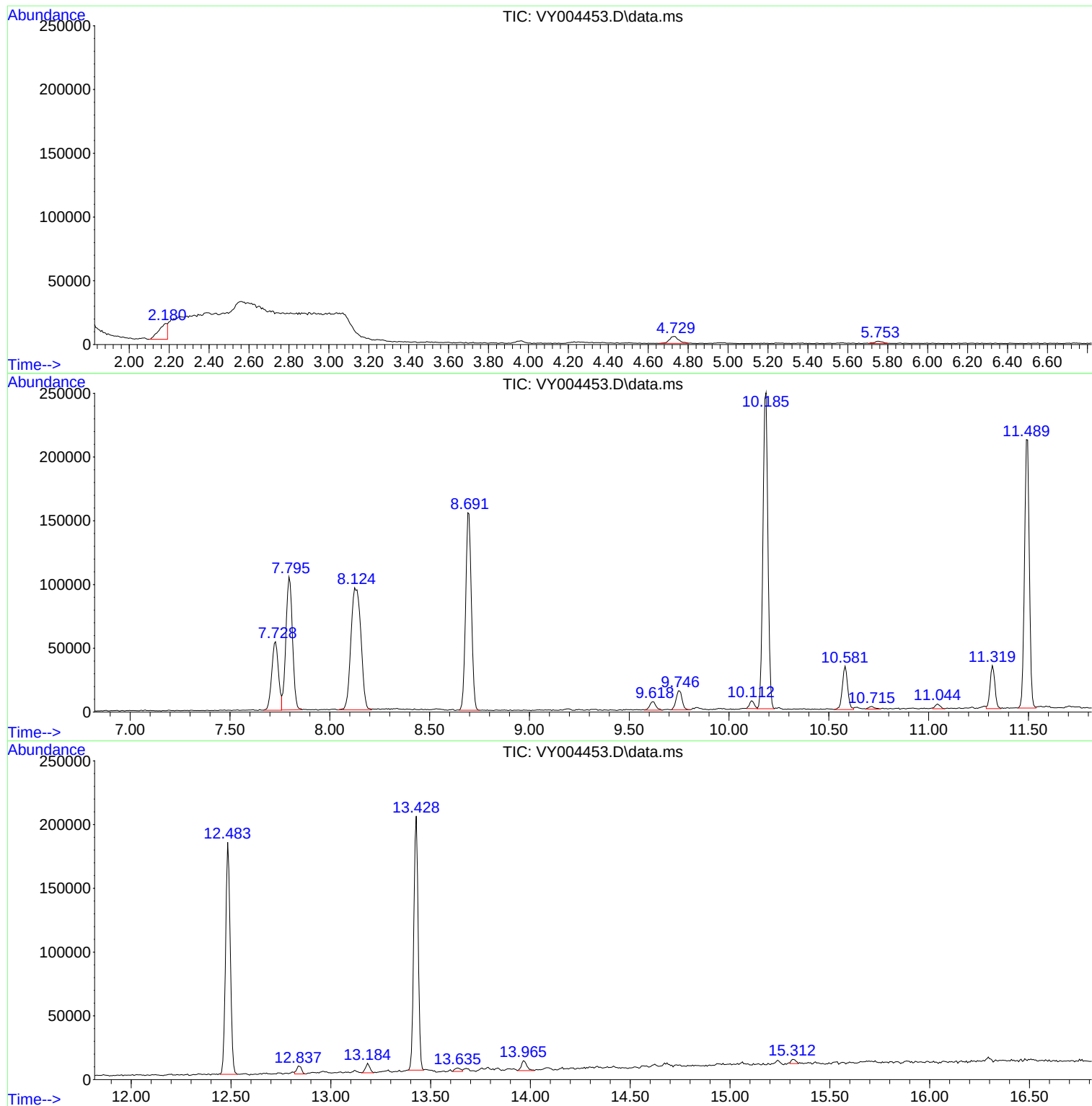
Sum of corrected areas: 2681045

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ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-06-8.5-9.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041221S.M  
Quant Title : SW846 8260

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



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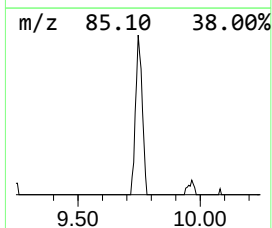
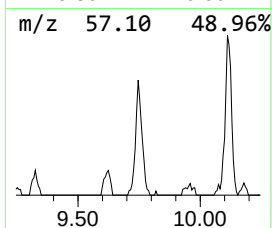
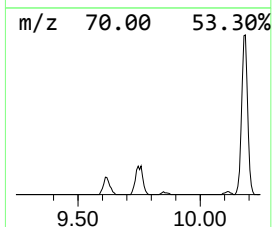
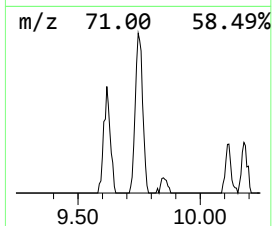
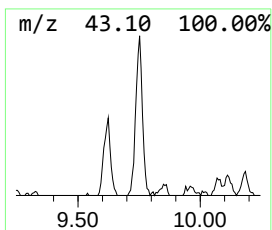
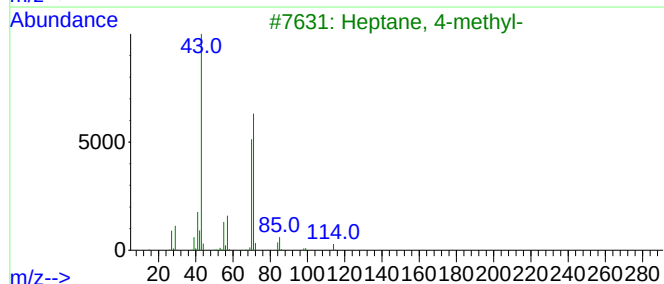
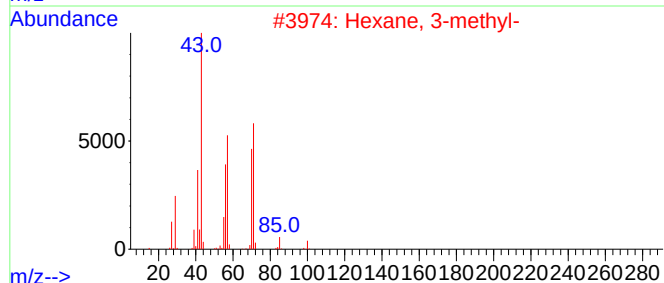
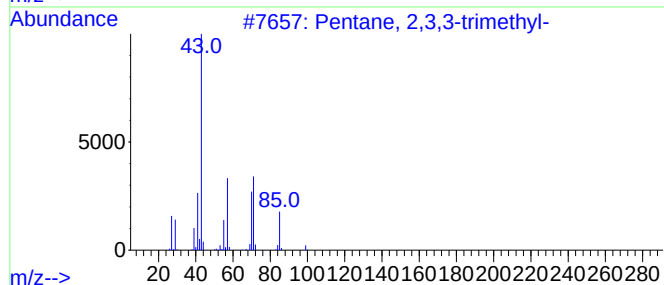
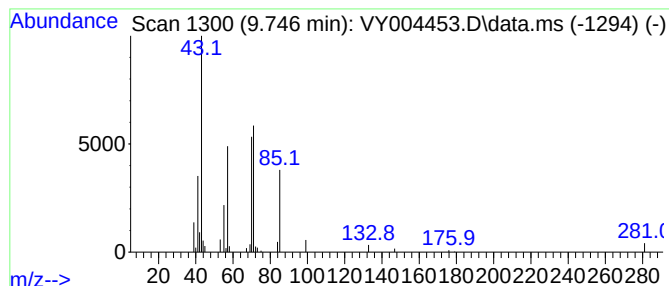
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041221S.M  
Quant Title : SW846 8260

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.  |
|-------|-----------|-------|---------------------|-------|
| 9.746 | 5.14 ug/l | 31788 | 1,4-Difluorobenzene | 8.697 |

| Hit# | of 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|------|---------------------------|-----|---------|-------------|------|
| 1    |      | Pentane, 2,3,3-trimethyl- | 114 | C8H18   | 000560-21-4 | 83   |
| 2    |      | Hexane, 3-methyl-         | 100 | C7H16   | 000589-34-4 | 64   |
| 3    |      | Heptane, 4-methyl-        | 114 | C8H18   | 000589-53-7 | 64   |
| 4    |      | Pentane, 2,3,4-trimethyl- | 114 | C8H18   | 000565-75-3 | 59   |
| 5    |      | Hexane, 3,3,4-trimethyl-  | 128 | C9H20   | 016747-31-2 | 53   |



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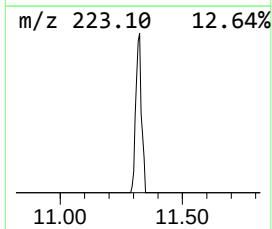
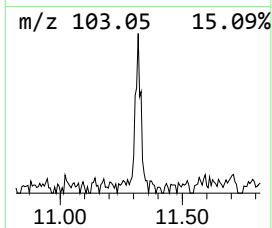
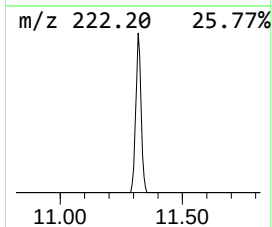
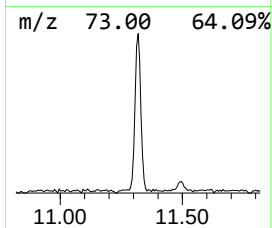
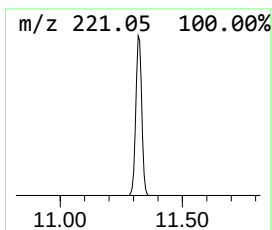
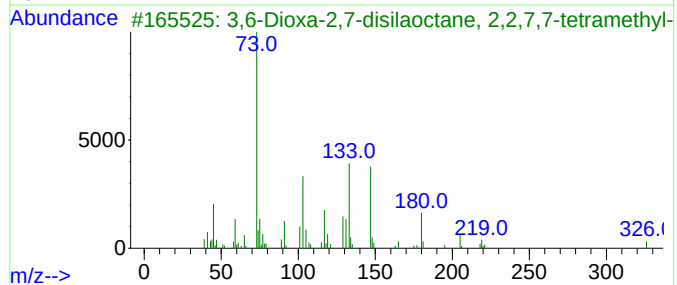
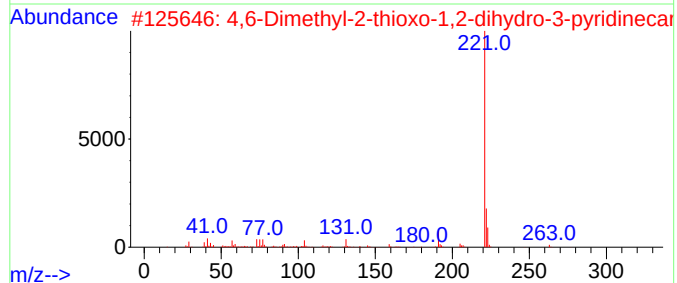
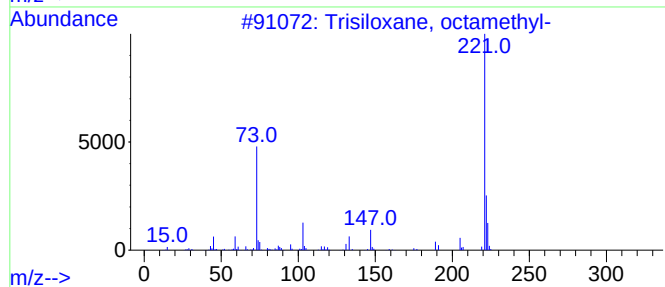
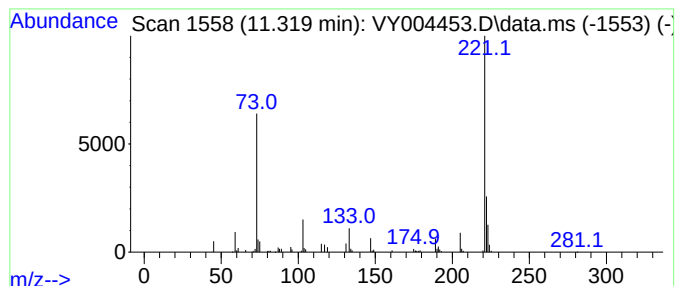
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Peak Number 4 Trisiloxane, octamethyl- Concentration Rank 3

| R.T.   | EstConc   | Area  | Relative to ISTD | R.T.   |
|--------|-----------|-------|------------------|--------|
| 11.319 | 7.99 ug/l | 56301 | Chlorobenzene-d5 | 11.496 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Trisiloxane, octamethyl-            | 236 | C8H24O2Si3  | 000107-51-7  | 91   |
| 2    |    |   | 4,6-Dimethyl-2-thioxo-1,2-dihydr... | 278 | C14H22N2SSi | 1000332-68-8 | 38   |
| 3    |    |   | 3,6-Dioxa-2,7-disilaoctane, 2,2,... | 326 | C16H30O3Si2 | 074810-85-8  | 14   |
| 4    |    |   | 2,3-Dihydro-10-methyl-1H-pyrazin... | 222 | C15H14N2    | 018046-27-0  | 9    |
| 5    |    |   | Indole, 2,3-dihydro-2-imino-3-me... | 222 | C15H14N2    | 1000262-93-5 | 9    |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Pentane, 2,3,3-... | 9.746  | 5.1     | ug/l  | 31788    | 2                     | 8.697  | 309072 | 50.0 |
| Trisiloxane, oc... | 11.319 | 8.0     | ug/l  | 56301    | 3                     | 11.496 | 352138 | 50.0 |