

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080323\  
 Data File : VY014959.D  
 Acq On : 03 Aug 2023 19:23  
 Operator : SY/MD  
 Sample : 03897-01  
 Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 WC-1

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\82Y071323S.M  
 Title : SW846 8260

Signal : TIC: VY014959.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         | 2.107       | 43            | 47          | 50           | rBV4     | 2279           | 4026          | 1.02%           | 0.171%        |
| 2         | 4.198       | 384           | 390         | 399          | rVB4     | 2426           | 6694          | 1.69%           | 0.284%        |
| 3         | 4.710       | 465           | 474         | 487          | rVB3     | 8995           | 27753         | 7.01%           | 1.176%        |
| 4         | 5.753       | 632           | 645         | 653          | rBV4     | 8845           | 27254         | 6.88%           | 1.155%        |
| 5         | 6.978       | 835           | 846         | 856          | rBV      | 27076          | 84838         | 21.42%          | 3.595%        |
| 6         | 7.716       | 958           | 967         | 973          | rBV      | 55906          | 132225        | 33.39%          | 5.603%        |
| 7         | 7.789       | 973           | 979         | 997          | rVB      | 102726         | 226760        | 57.26%          | 9.609%        |
| 8         | 8.143       | 1025          | 1037        | 1047         | rVB2     | 55253          | 134111        | 33.86%          | 5.683%        |
| 9         | 8.691       | 1117          | 1127        | 1140         | rBV      | 144517         | 296000        | 74.74%          | 12.543%       |
| 10        | 10.179      | 1364          | 1371        | 1381         | rBV      | 231366         | 396047        | 100.00%         | 16.782%       |
| 11        | 10.575      | 1429          | 1436        | 1444         | rBV      | 18630          | 34837         | 8.80%           | 1.476%        |
| 12        | 10.947      | 1490          | 1497        | 1508         | rBV2     | 12838          | 24470         | 6.18%           | 1.037%        |
| 13        | 11.313      | 1553          | 1557        | 1564         | rVB3     | 7759           | 13089         | 3.30%           | 0.555%        |
| 14        | 11.489      | 1579          | 1586        | 1599         | rBV      | 204888         | 338632        | 85.50%          | 14.349%       |
| 15        | 12.483      | 1742          | 1749        | 1760         | rVB2     | 163469         | 269817        | 68.13%          | 11.433%       |
| 16        | 12.819      | 1798          | 1804        | 1813         | rVB6     | 3430           | 7455          | 1.88%           | 0.316%        |
| 17        | 13.178      | 1859          | 1863        | 1869         | rBV3     | 4299           | 7134          | 1.80%           | 0.302%        |
| 18        | 13.422      | 1894          | 1903        | 1910         | rBV      | 184206         | 287839        | 72.68%          | 12.197%       |
| 19        | 13.751      | 1952          | 1957        | 1960         | rBV5     | 2958           | 5089          | 1.28%           | 0.216%        |
| 20        | 13.959      | 1986          | 1991        | 1996         | rVB      | 6080           | 9365          | 2.36%           | 0.397%        |
| 21        | 15.312      | 2207          | 2213        | 2218         | rBV2     | 16259          | 26508         | 6.69%           | 1.123%        |

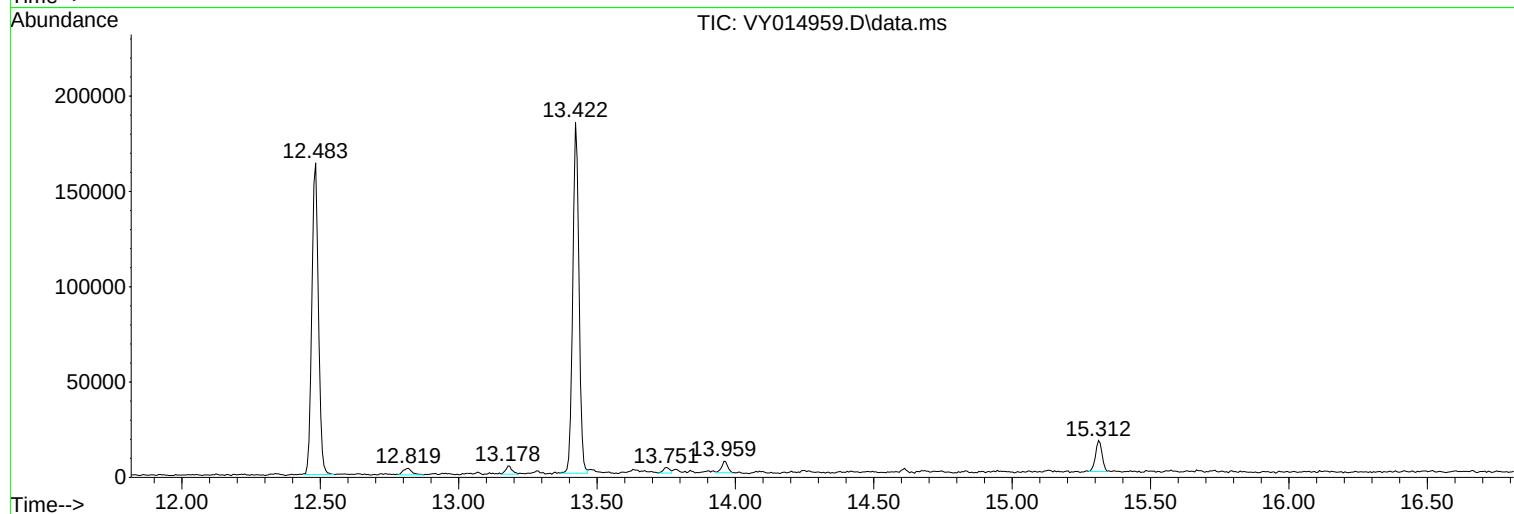
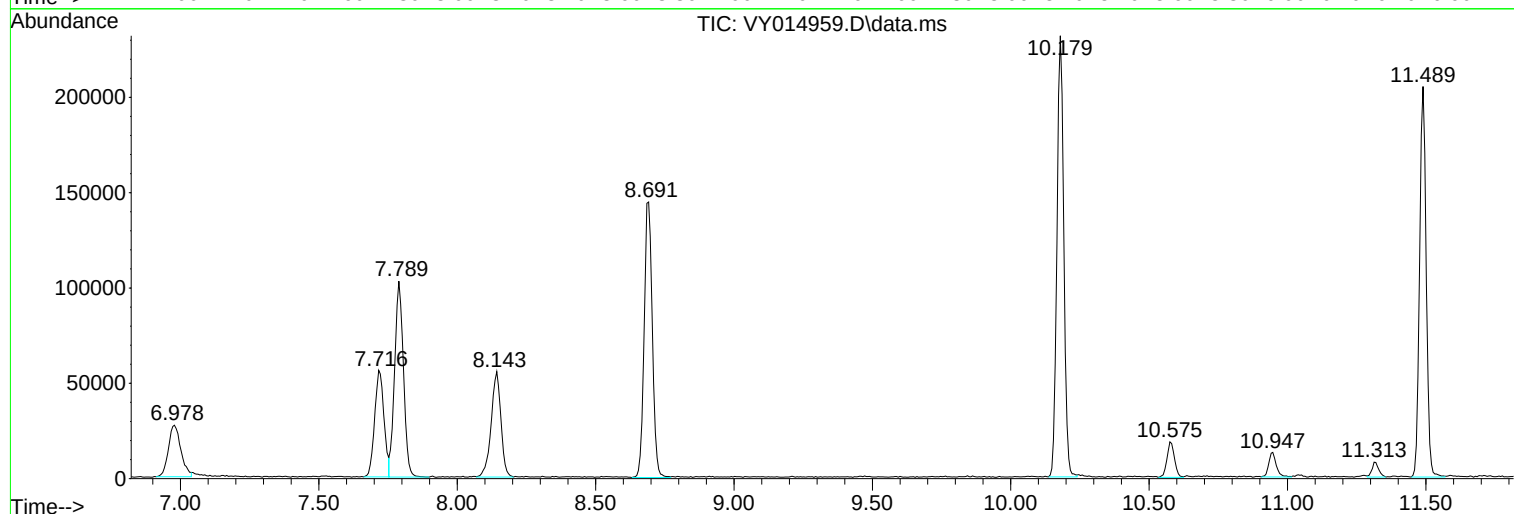
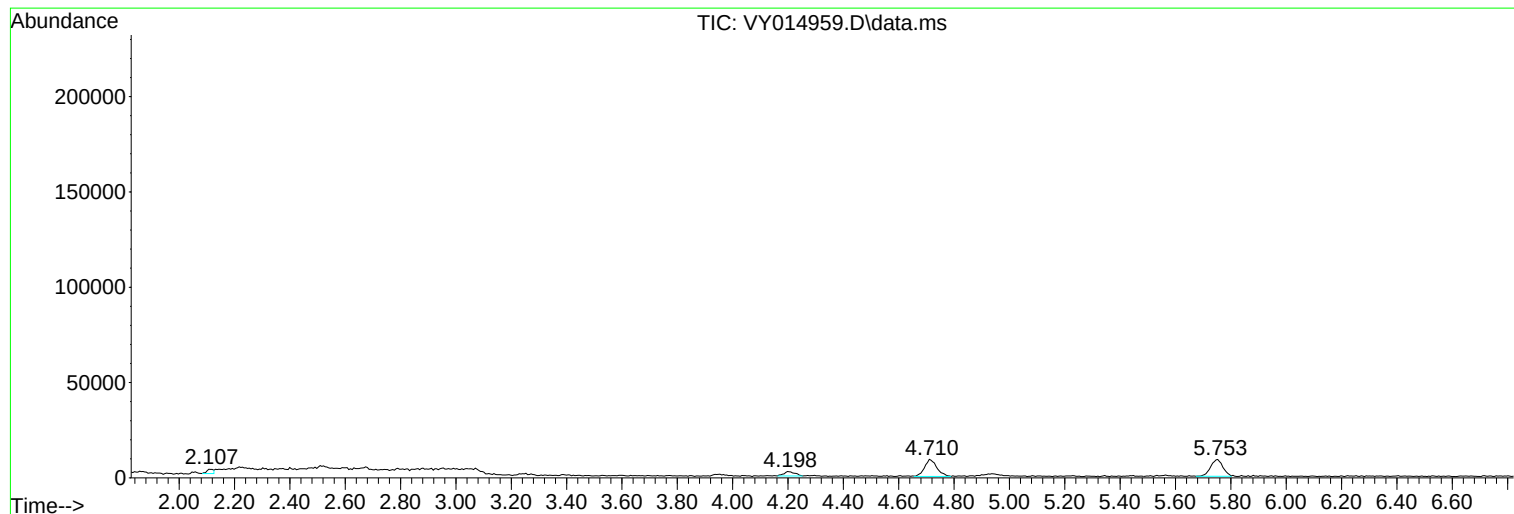
Sum of corrected areas: 2359943

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y071323S.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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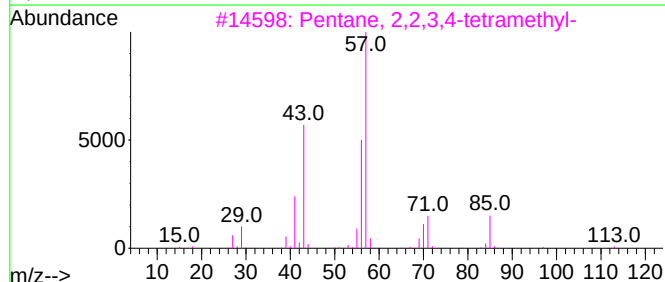
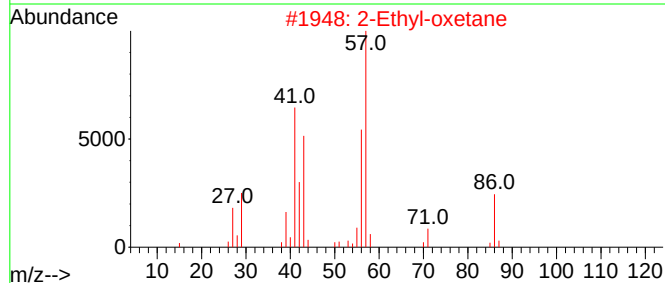
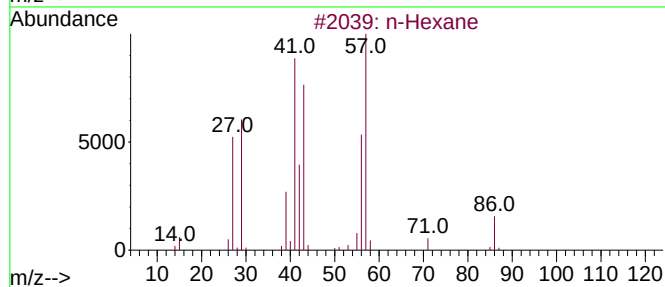
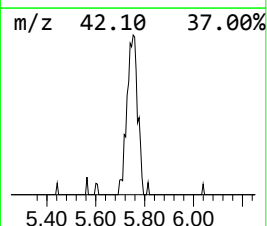
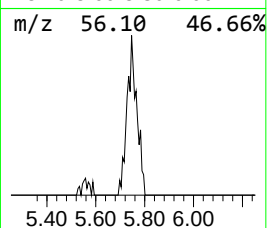
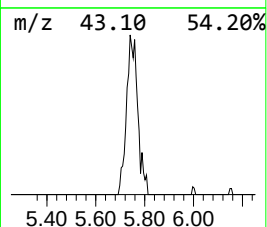
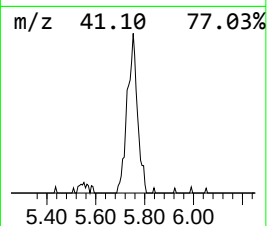
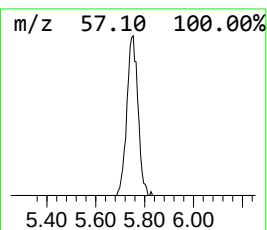
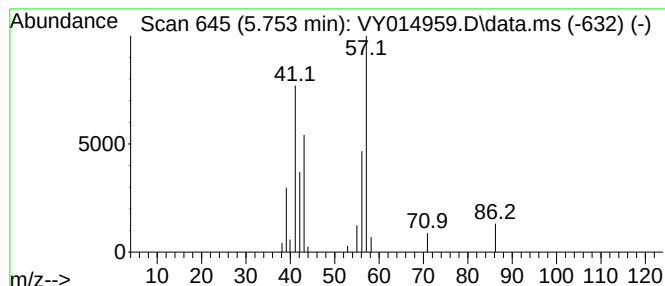
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 n-Hexane Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 5.753 | 6.01 ug/l | 27254 | Pentafluorobenzene | 7.789 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------|-----|---------|--------------|------|
| 1    |    |   | n-Hexane                      | 86  | C6H14   | 000110-54-3  | 90   |
| 2    |    |   | 2-Ethyl-oxetane               | 86  | C5H10O  | 1010386-40-2 | 83   |
| 3    |    |   | Pentane, 2,2,3,4-tetramethyl- | 128 | C9H20   | 001186-53-4  | 38   |
| 4    |    |   | Cyclobutane                   | 56  | C4H8    | 000287-23-0  | 32   |
| 5    |    |   | Oxetane, 2,2-dimethyl-        | 86  | C5H10O  | 006245-99-4  | 28   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| n-Hexane         | 5.753 | 6.0     | ug/l  | 27254    | 1                     | 7.789 | 226760 | 50.0 |