

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD091421\  
 Data File : VD070355.D  
 Acq On : 14 Sep 2021 16:07  
 Operator : VA/SY  
 Sample : M3720-01  
 Misc : 5.95G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 WQ-SOILPILE

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\_D\Method\82D090821S.M

Title : SW846 8260

Signal : TIC: VD070355.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         | 5.985       | 681           | 691         | 703          | rBV2     | 47189          | 149981        | 19.16%          | 3.446%        |
| 2         | 7.914       | 1010          | 1019        | 1024         | rBV      | 114614         | 279380        | 35.69%          | 6.419%        |
| 3         | 7.973       | 1024          | 1029        | 1043         | rVB      | 153786         | 356235        | 45.50%          | 8.184%        |
| 4         | 8.326       | 1079          | 1089        | 1100         | rBV      | 112530         | 262755        | 33.56%          | 6.037%        |
| 5         | 8.861       | 1171          | 1180        | 1190         | rBV      | 236081         | 474773        | 60.65%          | 10.907%       |
| 6         | 10.338      | 1423          | 1431        | 1440         | rBV      | 378630         | 701494        | 89.61%          | 16.116%       |
| 7         | 11.638      | 1644          | 1652        | 1662         | rBV      | 469926         | 782871        | 100.00%         | 17.986%       |
| 8         | 12.626      | 1812          | 1820        | 1829         | rBV      | 342337         | 572119        | 73.08%          | 13.144%       |
| 9         | 13.561      | 1972          | 1979        | 1986         | rBV      | 460117         | 773120        | 98.75%          | 17.762%       |

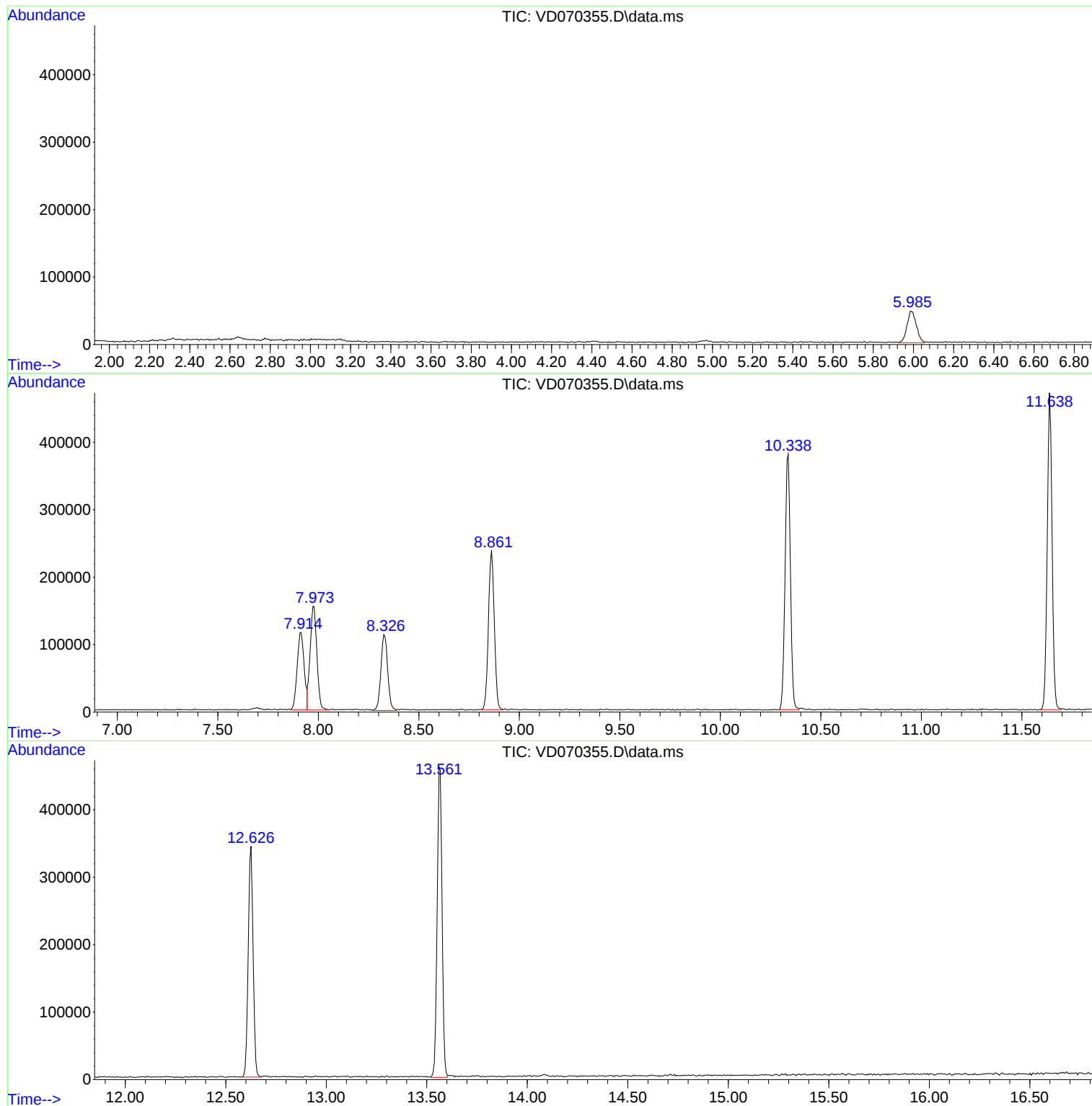
Sum of corrected areas: 4352728

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
Quant Title : SW846 8260

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



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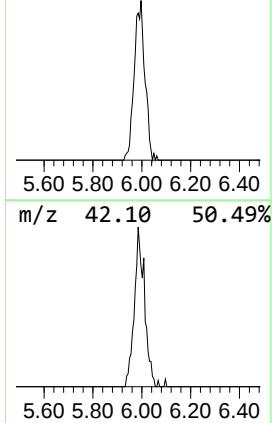
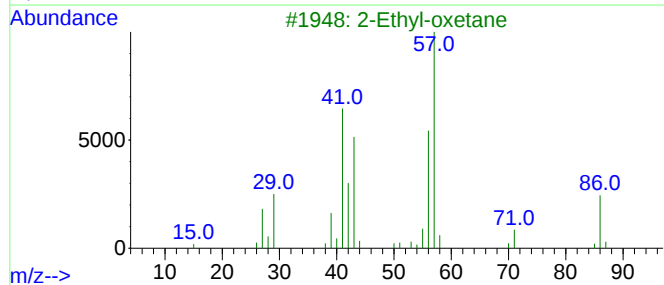
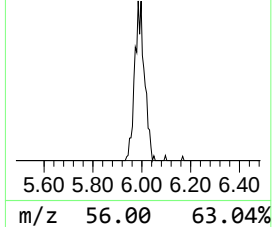
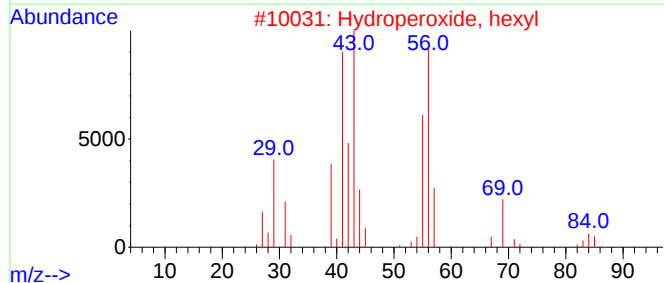
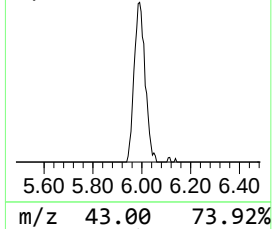
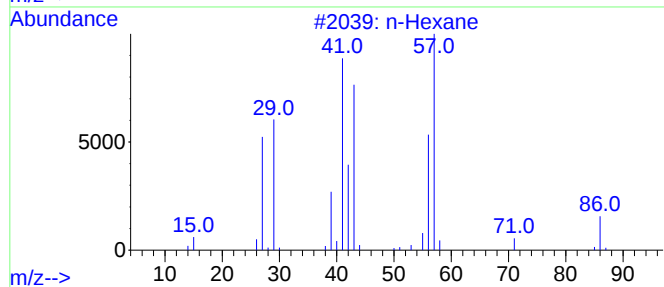
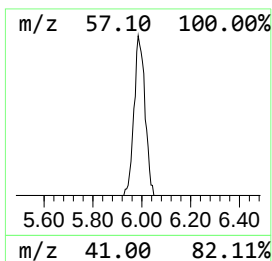
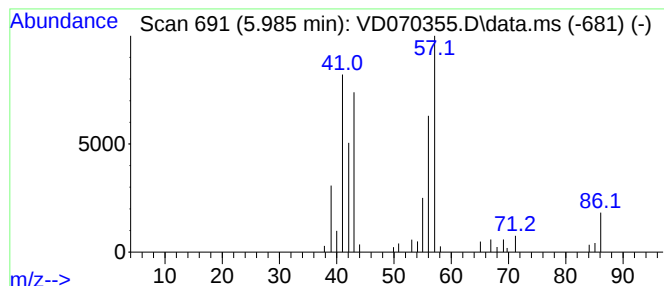
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Peak Number 1 n-Hexane Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 5.985 | 21.05 ug/l | 149981 | Pentafluorobenzene | 7.973 |

| Hit# | of                     | 5 | Tentative ID | MW  | MolForm | CAS#         | Qual |
|------|------------------------|---|--------------|-----|---------|--------------|------|
| 1    | n-Hexane               |   |              | 86  | C6H14   | 000110-54-3  | 90   |
| 2    | Hydroperoxide, hexyl   |   |              | 118 | C6H14O2 | 004312-76-9  | 59   |
| 3    | 2-Ethyl-oxetane        |   |              | 86  | C5H10O  | 1010386-40-2 | 50   |
| 4    | Pentane, 2,2-dimethyl- |   |              | 100 | C7H16   | 000590-35-2  | 40   |
| 5    | 1-Hexene               |   |              | 84  | C6H12   | 000592-41-6  | 40   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| n-Hexane         | 5.985 | 21.1    | ug/l  | 149981   | 1                     | 7.973 | 356235 | 50.0 |