

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV070124\  
 Data File : VV036404.D  
 Acq On : 02 Jul 2024 03:19  
 Operator : SY/MD  
 Sample : P3087-23  
 Misc : 5.43g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jul 02 05:28:56 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 02 05:19:46 2024  
 Response via : Initial Calibration

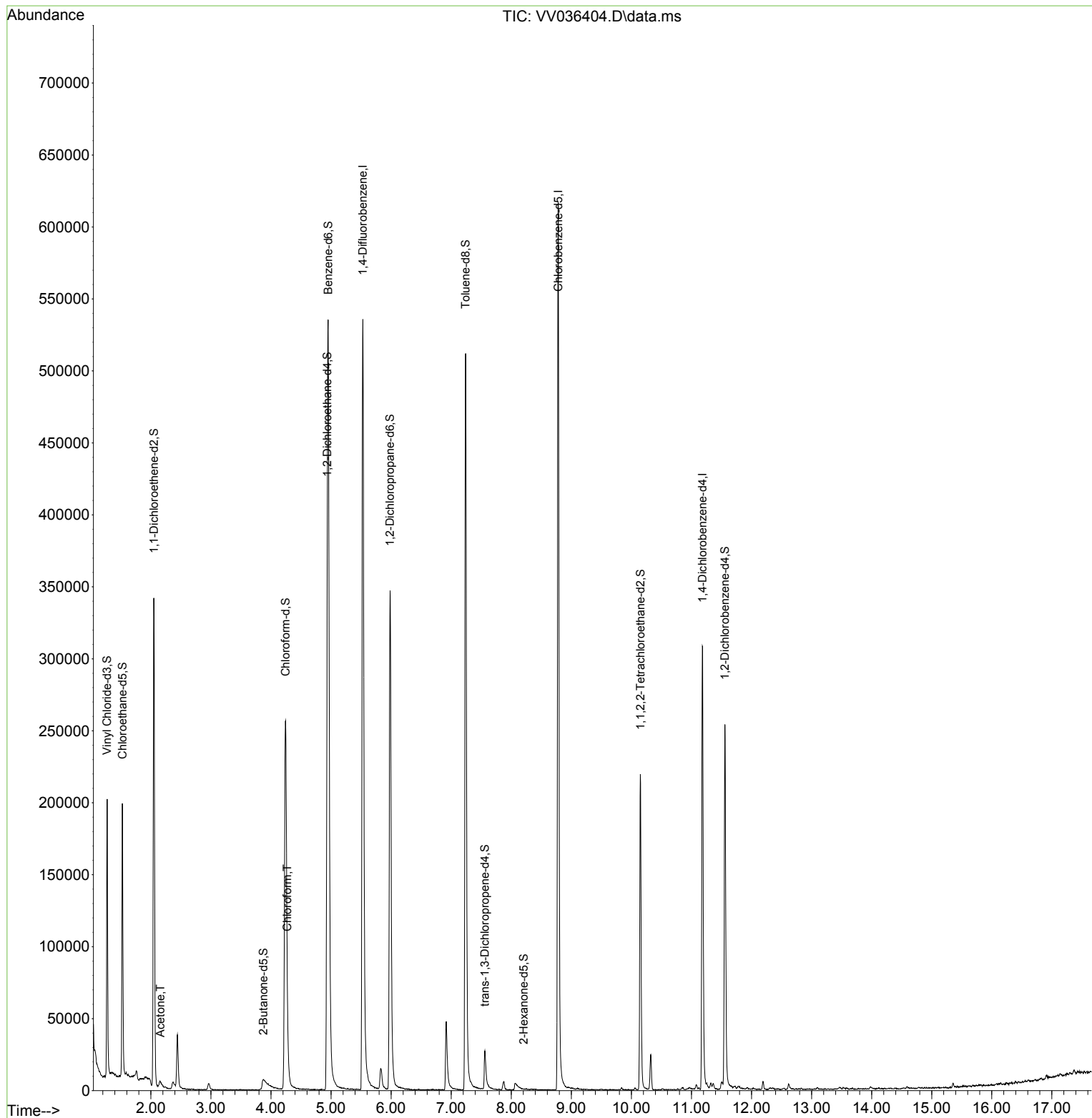
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114   | 497951   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 359937   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152   | 87066    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.272  | 65    | 129487   | 15.312   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 61.240%  |
| 7) Chloroethane-d5            | 1.526  | 69    | 125201   | 18.535   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 74.160%  |
| 11) 1,1-Dichloroethene-d2     | 2.050  | 65    | 58309    | 14.667   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 58.680%  |
| 21) 2-Butanone-d5             | 3.873  | 46    | 12930    | 6.588    | ug/L   | 0.03     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 13.180%# |
| 24) Chloroform-d              | 4.243  | 84    | 291899   | 19.859   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 79.440%  |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 147479   | 18.815   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 75.240%  |
| 32) Benzene-d6                | 4.953  | 84    | 497384   | 24.479   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 97.920%  |
| 36) 1,2-Dichloropropane-d6    | 5.982  | 67    | 174974   | 28.630   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 114.520% |
| 41) Toluene-d8                | 7.239  | 98    | 362349   | 19.779   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 79.120%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 19800    | 7.255    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 29.000%# |
| 47) 2-Hexanone-d5             | 8.207  | 63    | 109      | 0.112    | ug/L   | 0.18     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 0.220%#  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 108432   | 21.644   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 86.560%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 69729    | 21.977   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 87.920%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.159  | 43    | 7967     | 3.005    | ug/L   | # 93     |
| 25) Chloroform                | 4.272  | 83    | 7321     | 0.496    | ug/L   | 83       |
| -----                         |        |       |          |          |        |          |

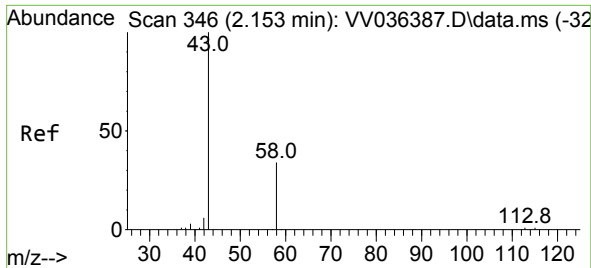
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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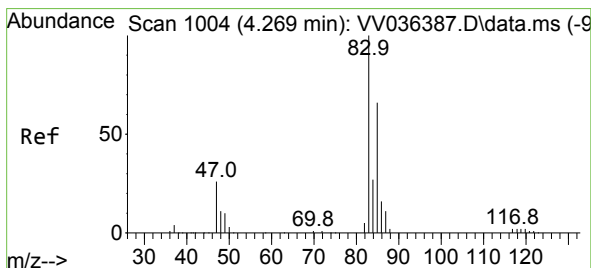
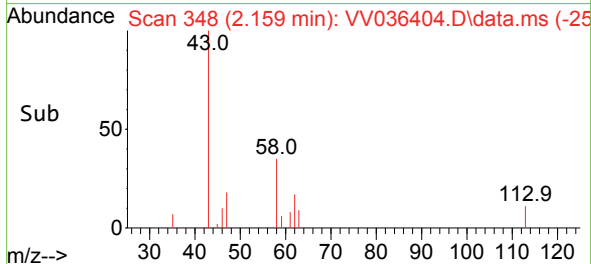
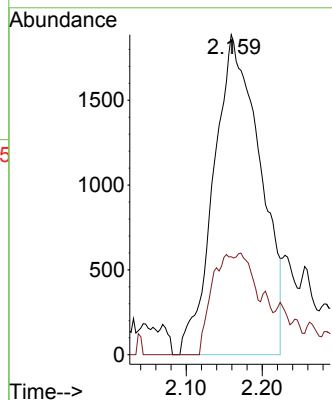
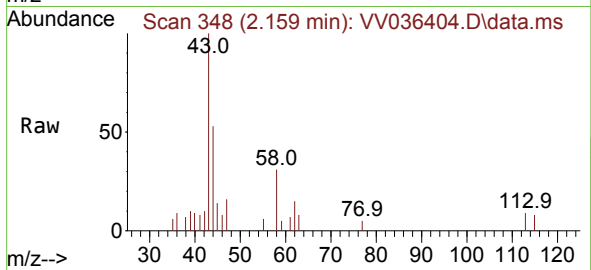




#13  
Acetone  
Concen: 3.005 ug/L  
RT: 2.159 min Scan# 346  
Delta R.T. 0.006 min  
Lab File: VV036404.D  
Acq: 02 Jul 2024 03:19

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 43 Resp: 7967  
Ion Ratio Lower Upper  
43 100  
58 6.8 0.0 0.6#



#25  
Chloroform  
Concen: 0.496 ug/L  
RT: 4.272 min Scan# 1005  
Delta R.T. 0.003 min  
Lab File: VV036404.D  
Acq: 02 Jul 2024 03:19

Tgt Ion: 83 Resp: 7321  
Ion Ratio Lower Upper  
83 100  
85 78.0 45.0 83.6

