

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052422\  
 Data File : VW023281.D  
 Acq On : 24 May 2022 18:48  
 Operator : SY/VA  
 Sample : N2976-01  
 Misc : 4.95g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: May 25 00:56:56 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed May 25 00:48:22 2022  
 Response via : Initial Calibration

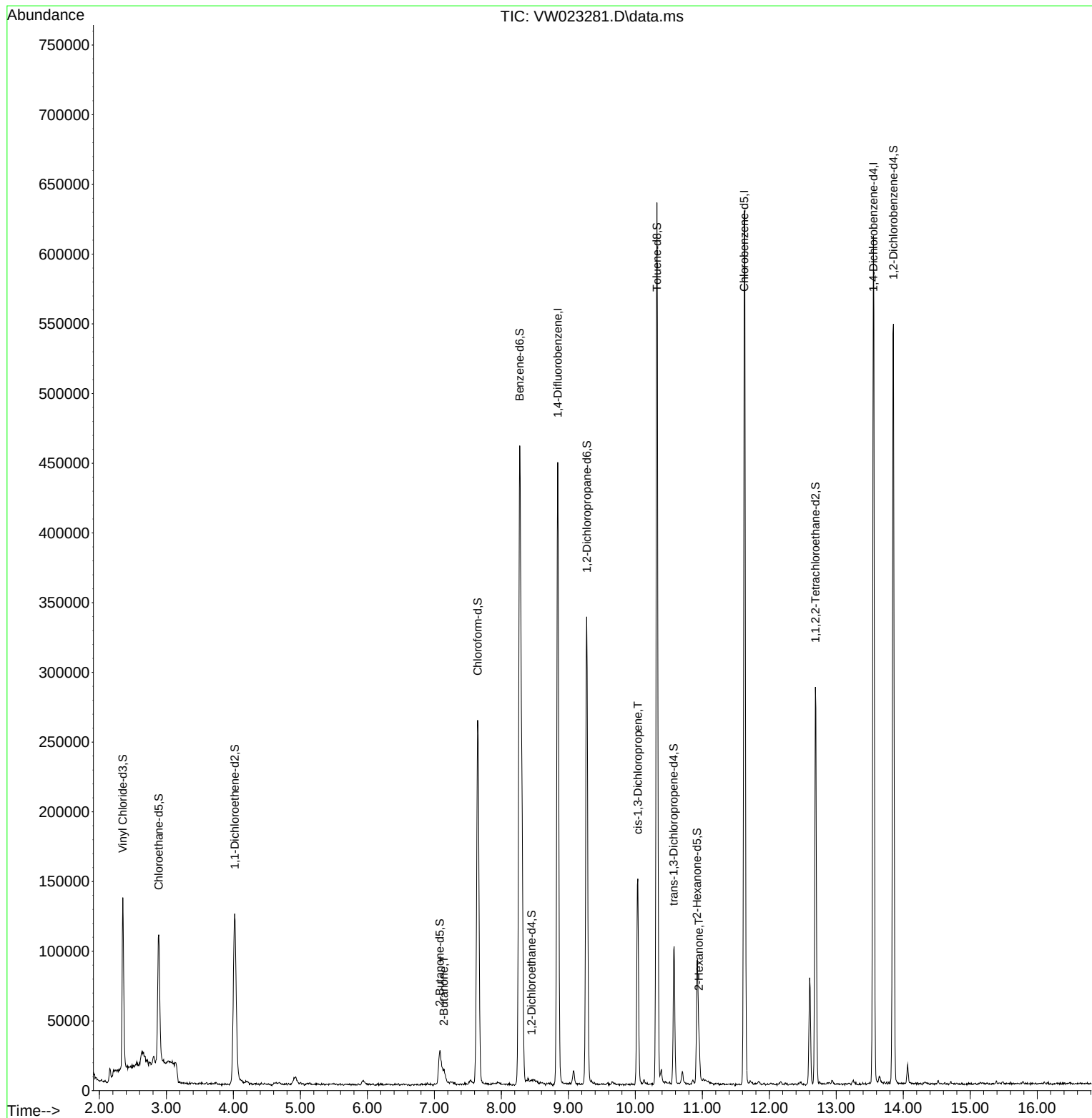
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 358282   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 344722   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 148602   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 123548   | 16.808   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 67.240%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 112677   | 23.562   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 94.240%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 128230   | 13.501   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 54.000%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 37445    | 26.792   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 53.580%  |
| 24) Chloroform-d              | 7.647  | 84    | 260720   | 24.838   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 99.360%  |
| 26) 1,2-Dichloroethane-d4     | 8.451  | 65    | 294      | 0.051    | ug/L   | 0.15     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.200%#  |
| 32) Benzene-d6                | 8.275  | 84    | 462956   | 23.300   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 93.200%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 150492   | 26.963   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 107.840% |
| 41) Toluene-d8                | 10.323 | 98    | 410164   | 21.369   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 85.480%  |
| 43) trans-1,3-Dichloroprop... | 10.573 | 79    | 53879    | 20.965   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 83.880%  |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 25801    | 24.215   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 48.440%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 136916   | 26.319   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 105.280% |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 132263   | 25.462   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 101.840% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 22) 2-Butanone                | 7.141  | 43    | 3383     | 2.312    | ug/L # | 51       |
| 39) cis-1,3-Dichloropropene   | 10.037 | 75    | 4981     | 0.654    | ug/L   | 91       |
| 48) 2-Hexanone                | 10.951 | 43    | 16473    | 7.959    | ug/L # | 39       |
| -----                         |        |       |          |          |        |          |

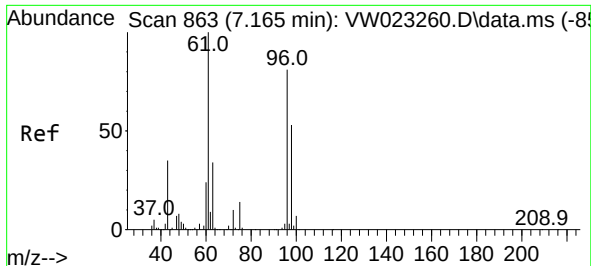
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

2-Butanone

Concen: 2.312 ug/L

RT: 7.141 min Scan# 81

Delta R.T. -0.024 min

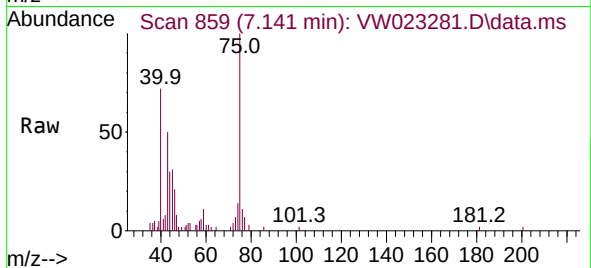
Lab File: VW023281.D

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Instrument :

MSVOA\_W

ClientSampleId :

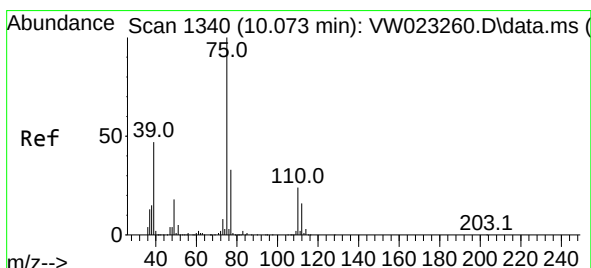
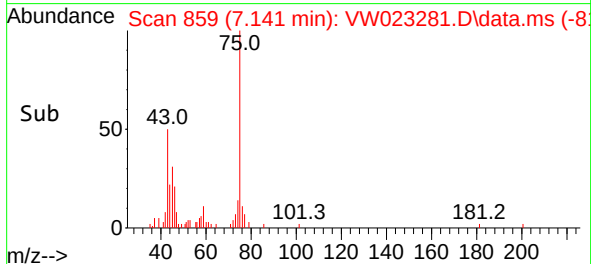
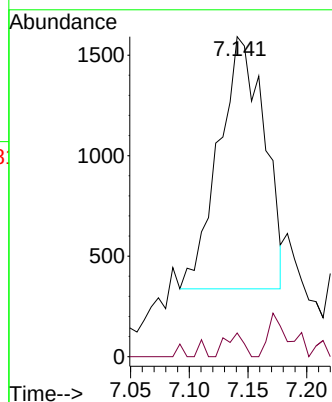


Tgt Ion: 43 Resp: 3383

Ion Ratio Lower Upper

43 100

72 3.8 15.1 45.3#



#39

cis-1,3-Dichloropropene

Concen: 0.654 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW023281.D

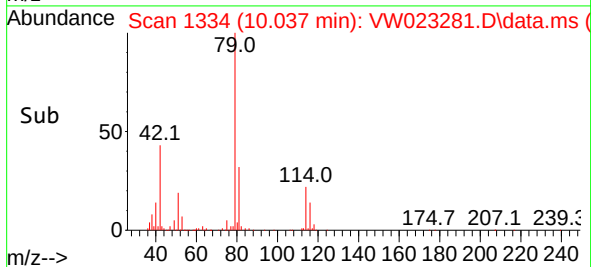
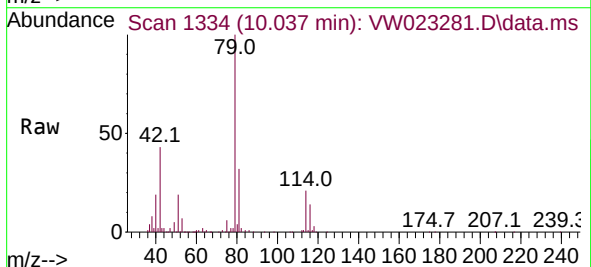
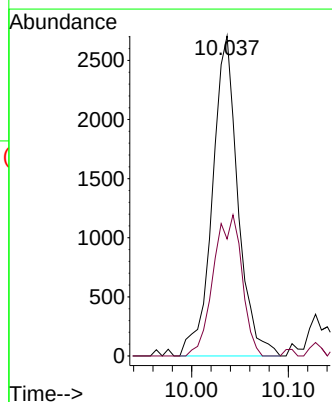
Acq: 24 May 2022 18:48

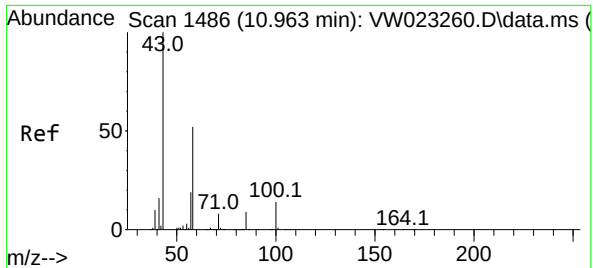
Tgt Ion: 75 Resp: 4981

Ion Ratio Lower Upper

75 100

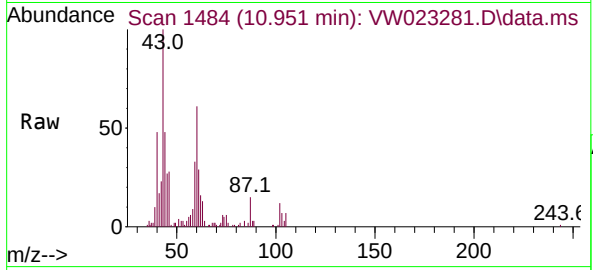
77 36.6 22.1 41.1





#48  
 2-Hexanone  
 Concen: 7.959 ug/L  
 RT: 10.951 min Scan# 14  
 Delta R.T. -0.012 min  
 Lab File: VW023281.D  
 Acq: 24 May 2022 18:48

Instrument :  
 MSVOA\_W  
 ClientSampleId :



Tgt Ion: 43 Resp: 16473

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 1.4   | 45.9  | 68.9# |
| 57  | 2.0   | 16.2  | 24.2# |
| 100 | 0.6   | 10.7  | 16.1# |

