

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW050422\  
 Data File : VW022805.D  
 Acq On : 04 May 2022 16:30  
 Operator : SY/VA  
 Sample : N2639-02RE  
 Misc : 5.35g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EXKZ8

Quant Time: May 04 23:37:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed May 04 23:28:03 2022  
 Response via : Initial Calibration

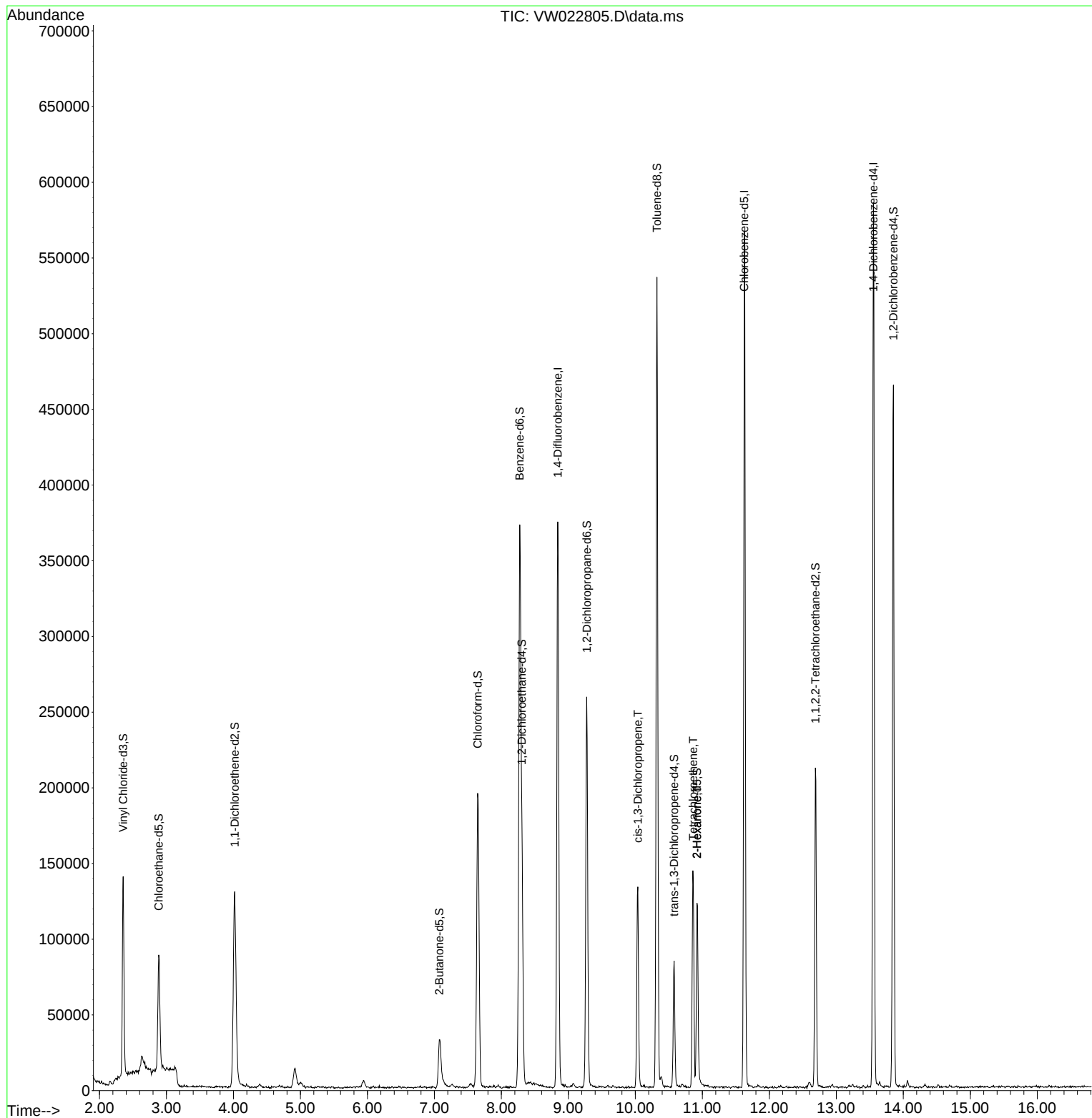
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 311938   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 300663   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 146846   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 124907   | 19.517   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 78.080%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 90069    | 21.632   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 86.520%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 126811   | 15.335   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 61.360%  |
| 21) 2-Butanone-d5             | 7.074  | 46    | 53658    | 44.097   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 88.200%  |
| 24) Chloroform-d              | 7.647  | 84    | 196942   | 21.549   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 86.200%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 110279   | 22.001   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 88.000%  |
| 32) Benzene-d6                | 8.275  | 84    | 377899   | 21.806   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 87.240%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 111018   | 22.805   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 91.240%  |
| 41) Toluene-d8                | 10.323 | 98    | 349414   | 20.872   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 83.480%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 43512    | 19.412   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 77.640%  |
| 47) 2-Hexanone-d5             | 10.920 | 63    | 42055    | 45.254   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 90.500%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 100399   | 22.127   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 88.520%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 111560   | 21.733   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 86.920%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 39) cis-1,3-Dichloropropene   | 10.036 | 75    | 4237     | 0.638    | ug/L # | 68       |
| 46) Tetrachloroethene         | 10.866 | 164   | 29227    | 7.984    | ug/L   | 85       |
| 48) 2-Hexanone                | 10.920 | 43    | 5738     | 3.179    | ug/L # | 69       |
| -----                         |        |       |          |          |        |          |

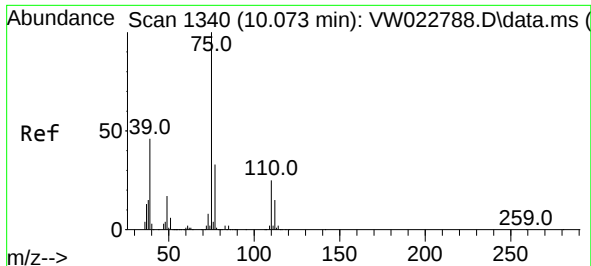
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#39

cis-1,3-Dichloropropene

Concen: 0.638 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW022805.D

Acq: 04 May 2022 16:30

Instrument :

MSVOA\_W

ClientSampleId :

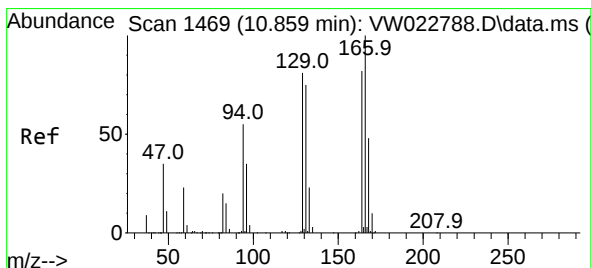
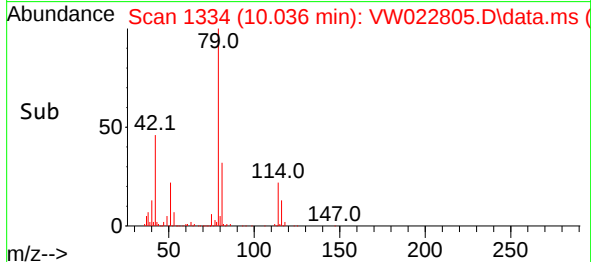
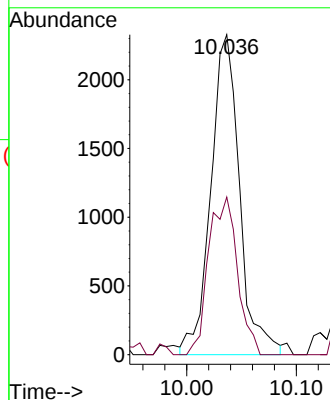
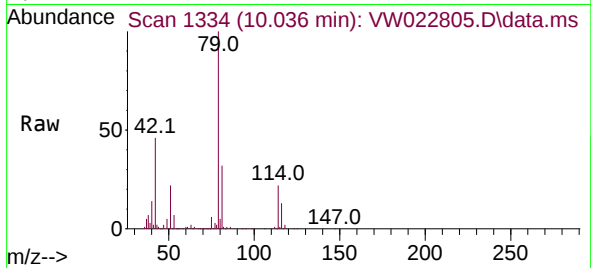
EXKZ8

Tgt Ion: 75 Resp: 4237

Ion Ratio Lower Upper

75 100

77 49.3 22.1 41.1#



#46

Tetrachloroethene

Concen: 7.984 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW022805.D

Acq: 04 May 2022 16:30

Tgt Ion:164 Resp: 29227

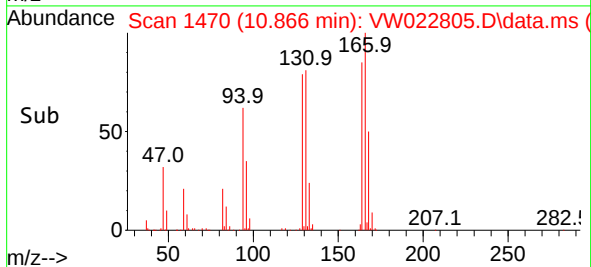
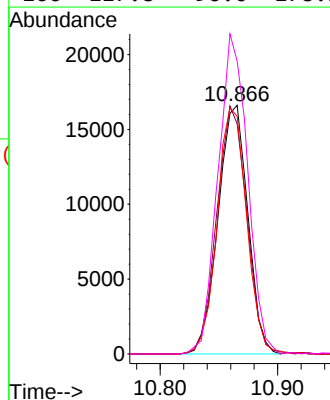
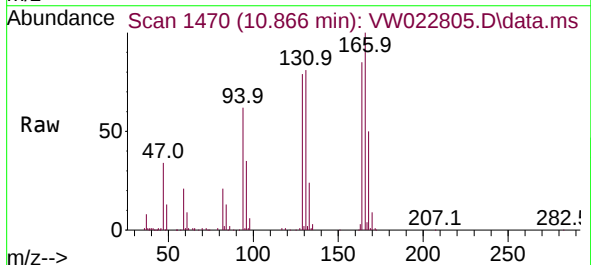
Ion Ratio Lower Upper

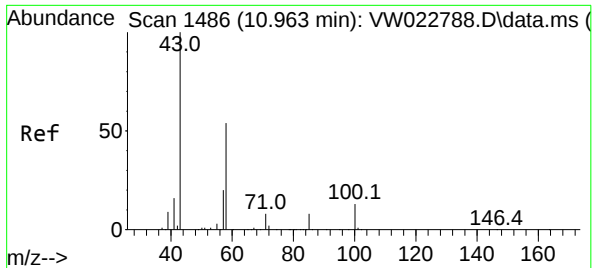
164 100

129 92.5 76.9 142.7

131 95.7 75.1 139.5

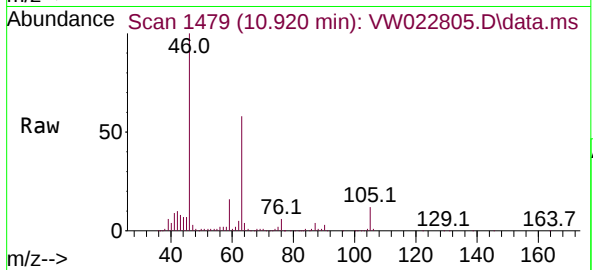
166 117.8 96.0 178.2





#48  
 2-Hexanone  
 Concen: 3.179 ug/L  
 RT: 10.920 min Scan# 14  
 Delta R.T. -0.043 min  
 Lab File: VW022805.D  
 Acq: 04 May 2022 16:30

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EXKZ8



Tgt Ion: 43 Resp: 5738

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 28.5  | 45.9  | 68.9# |
| 57  | 25.5  | 16.2  | 24.2# |
| 100 | 3.4   | 10.7  | 16.1# |

