

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121523\  
 Data File : VW027676.D  
 Acq On : 16 Dec 2023 08:34  
 Operator : SY/MD  
 Sample : 05799-18  
 Misc : 2.96g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 50 Sample Multiplier: 1

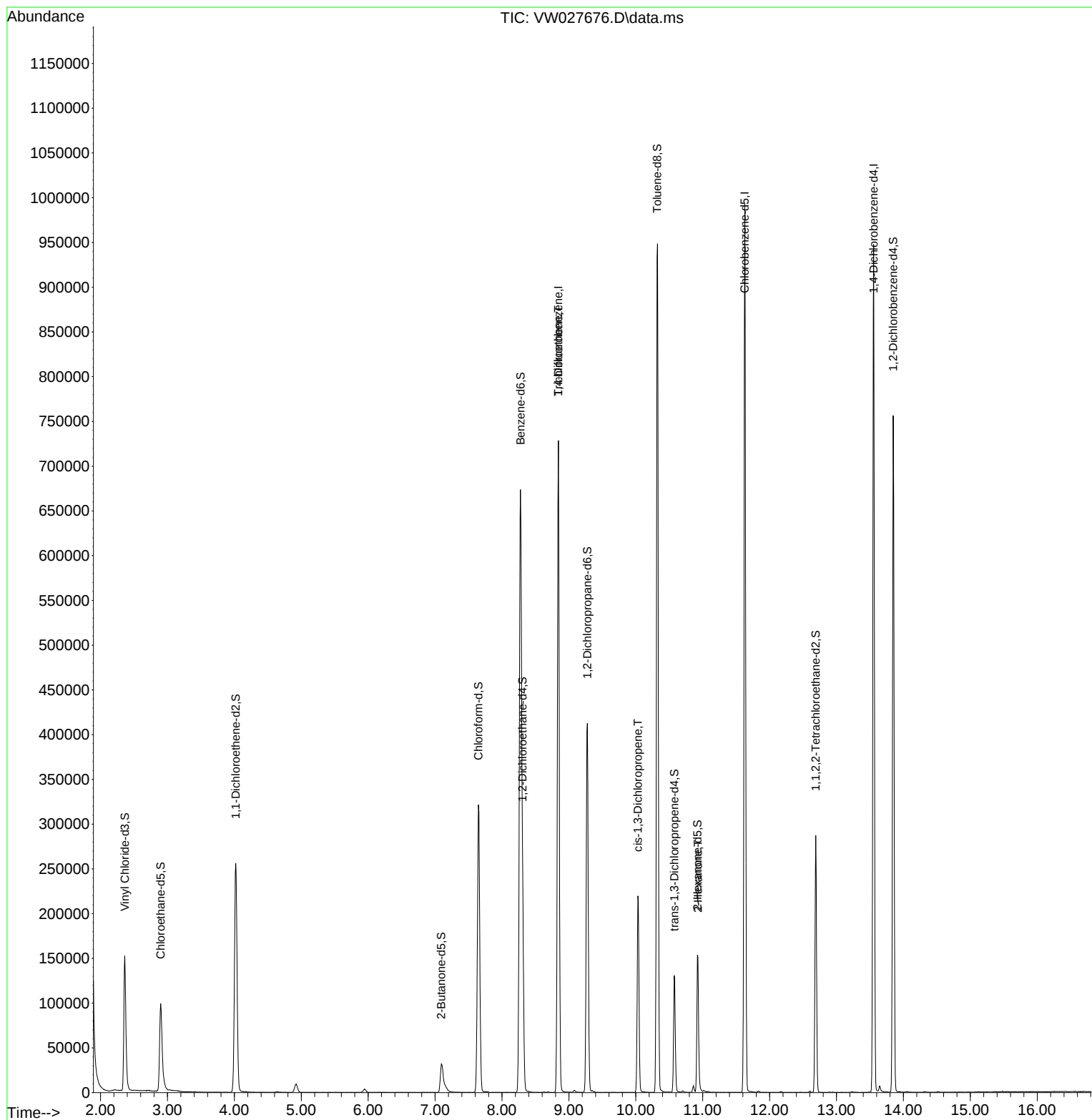
Quant Time: Dec 16 09:02:00 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Dec 16 04:21:48 2023  
 Response via : Initial Calibration

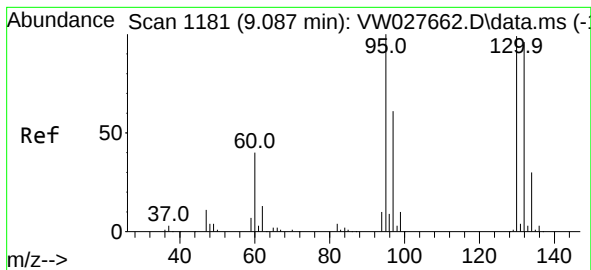
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 650350   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 578965   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.555 | 152   | 258597   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.362  | 65    | 201064   | 21.830   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 87.320%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 154192   | 21.501   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 86.000%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 78764    | 21.352   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 85.400%  |
| 21) 2-Butanone-d5             | 7.093  | 46    | 61432    | 39.169   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 78.340%  |
| 24) Chloroform-d              | 7.648  | 84    | 339992   | 21.970   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 87.880%  |
| 26) 1,2-Dichloroethane-d4     | 8.306  | 65    | 162846   | 22.412   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 89.640%  |
| 32) Benzene-d6                | 8.276  | 84    | 754962   | 22.312   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 89.240%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 211017   | 22.013   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 88.040%  |
| 41) Toluene-d8                | 10.318 | 98    | 684824   | 21.814   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 87.240%  |
| 43) trans-1,3-Dichloroprop... | 10.574 | 79    | 76821    | 20.698   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 82.800%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 58472    | 41.856   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 83.720%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 148679   | 20.509   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 82.040%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 207626   | 22.430   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 89.720%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 34) Trichloroethene           | 8.843  | 95    | 17784    | 1.944    | ug/L # | 3        |
| 39) cis-1,3-Dichloropropene   | 10.032 | 75    | 5094     | 0.413    | ug/L # | 74       |
| 48) 2-Hexanone                | 10.928 | 43    | 7041     | 2.671    | ug/L # | 62       |
| -----                         |        |       |          |          |        |          |

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

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QLast Update : Sat Dec 16 04:21:48 2023  
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#34

Trichloroethene

Concen: 1.944 ug/L

RT: 8.843 min Scan# 1141

Delta R.T. -0.244 min

Lab File: VW027676.D

Acq: 16 Dec 2023 08:34

Tgt Ion: 95 Resp: 17784

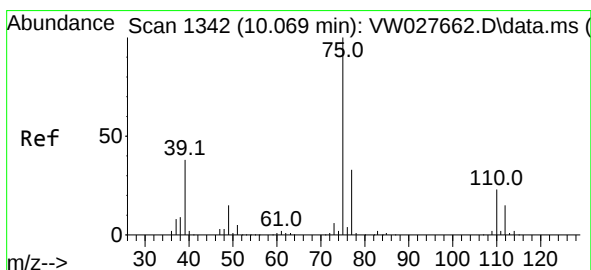
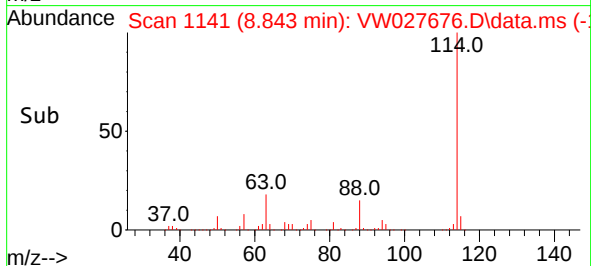
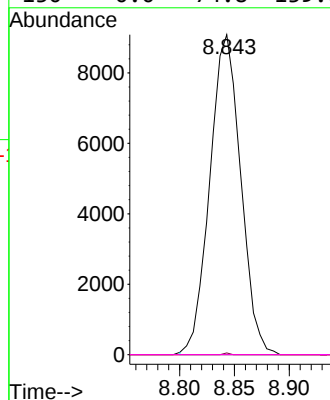
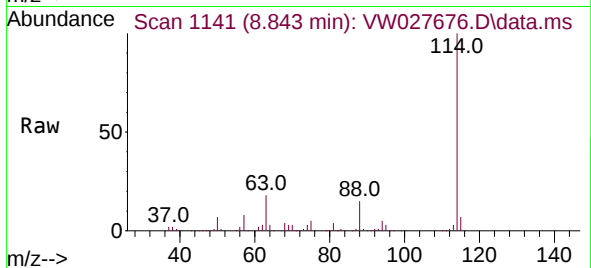
Ion Ratio Lower Upper

95 100

97 0.6 45.9 85.3#

132 0.0 70.4 130.8#

130 0.0 74.8 139.0#



#39

cis-1,3-Dichloropropene

Concen: 0.413 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.037 min

Lab File: VW027676.D

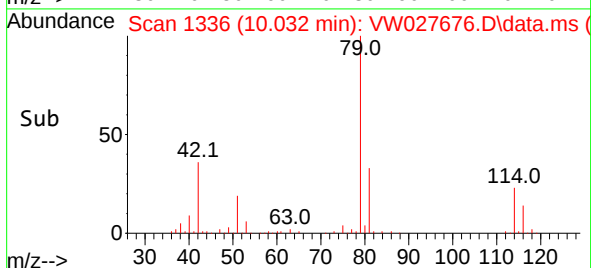
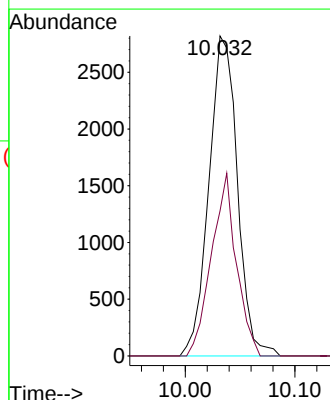
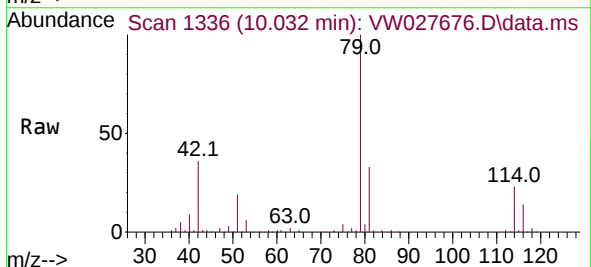
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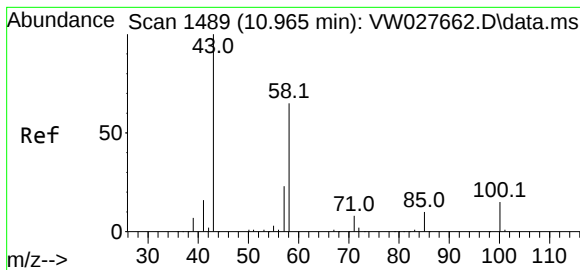
Tgt Ion: 75 Resp: 5094

Ion Ratio Lower Upper

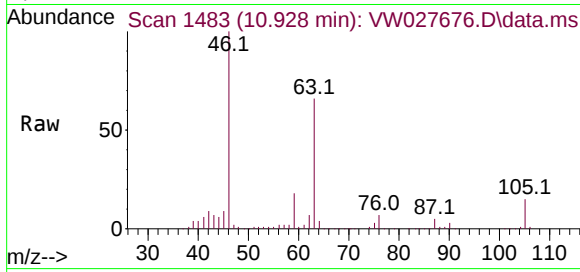
75 100

77 45.4 21.8 40.6#





#48  
2-Hexanone  
Concen: 2.671 ug/L  
RT: 10.928 min Scan# 1483  
Delta R.T. -0.037 min  
Lab File: VW027676.D  
Acq: 16 Dec 2023 08:34



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 7041  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 25.9  | 50.4  | 75.6# |
| 57       | 26.3  | 17.0  | 25.6# |
| 100      | 0.0   | 11.9  | 17.9# |

