

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121324\  
 Data File : VD080175.D  
 Acq On : 13 Dec 2024 18:47  
 Operator : RP/MD  
 Sample : P5226-08  
 Misc : 6.40G/10ml/MSVOA\_D/SOIL/A  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 E2AP6

Quant Time: Dec 13 23:16:01 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM121324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Dec 13 23:13:13 2024  
 Response via : Initial Calibration

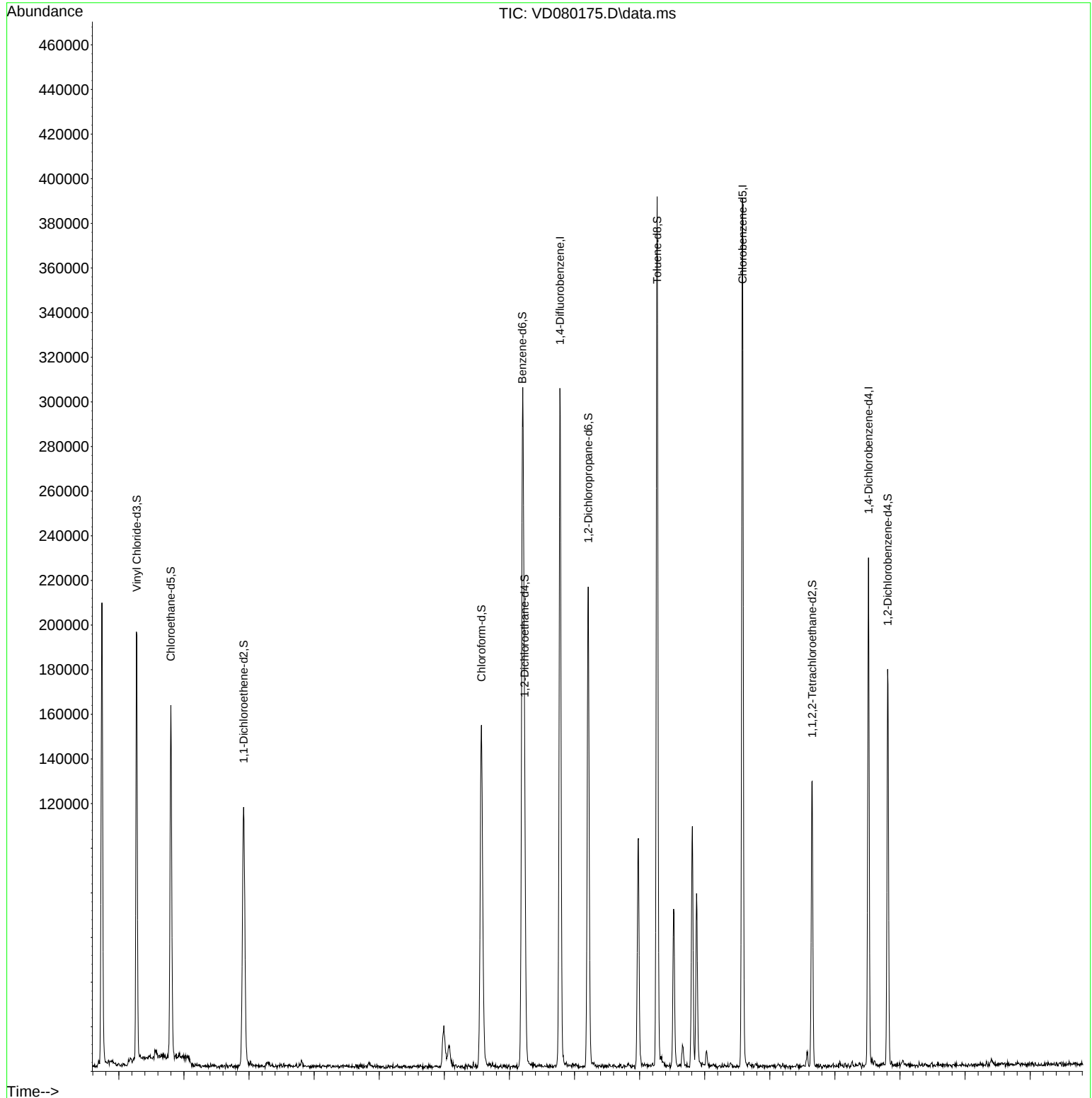
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 257442   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 216224   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 59676    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.275  | 65    | 185673   | 19.670   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 78.680%  |
| 7) Chloroethane-d5            | 2.799  | 69    | 158297   | 21.300   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 85.200%  |
| 11) 1,1-Dichloroethene-d2     | 3.917  | 65    | 34376    | 16.919   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 67.680%  |
| 21) 2-Butanone-d5             | 6.993  | 46    | 29126    | 29.762   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 59.520%  |
| 24) Chloroform-d              | 7.569  | 84    | 156641   | 18.692   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 74.760%  |
| 26) 1,2-Dichloroethane-d4     | 8.234  | 65    | 88883    | 18.727   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 74.920%  |
| 32) Benzene-d6                | 8.199  | 84    | 308352   | 20.510   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 82.040%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 102578   | 21.428   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 85.720%  |
| 41) Toluene-d8                | 10.269 | 98    | 267758   | 20.362   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 81.440%  |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79    | 39305    | 20.134   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 80.520%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 23179    | 35.073   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 70.140%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 67391    | 18.385   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 73.560%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.810 | 152   | 46781    | 20.075   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 80.320%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 25) Chloroform                | 7.599  | 83    | 16663    | 1.951    | ug/L   | 95       |
| 46) Tetrachloroethene         | 10.804 | 164   | 24312    | 8.372    | ug/L   | 94       |
| -----                         |        |       |          |          |        |          |

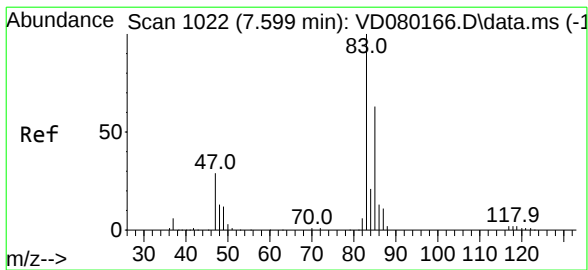
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 1.951 ug/L

RT: 7.599 min Scan# 10

Delta R.T. 0.000 min

Lab File: VD080175.D

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Instrument :

MSVOA\_D

ClientSampleId :

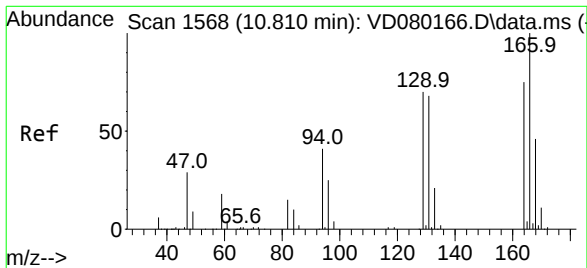
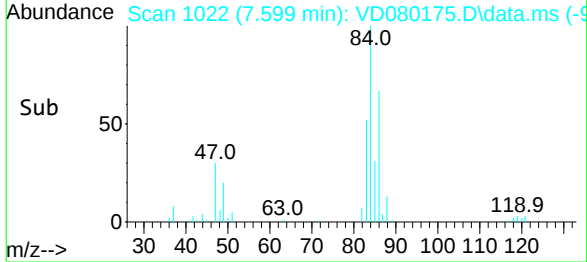
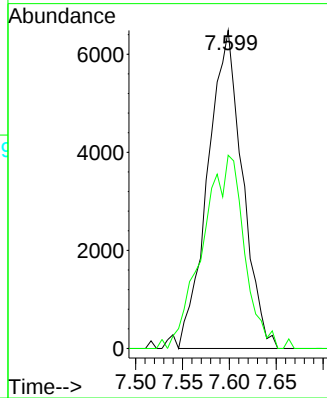
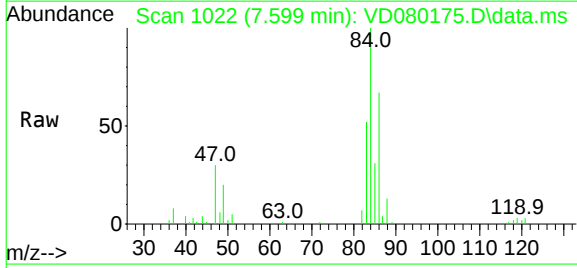
E2AP6

Tgt Ion: 83 Resp: 16663

Ion Ratio Lower Upper

83 100

85 60.8 45.3 84.1



#46

Tetrachloroethene

Concen: 8.372 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD080175.D

Acq: 13 Dec 2024 18:47

Tgt Ion: 164 Resp: 24312

Ion Ratio Lower Upper

164 100

129 94.0 60.9 113.1

131 88.4 59.5 110.5

166 114.0 84.7 157.3

