

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW010722\  
 Data File : VW021791.D  
 Acq On : 07 Jan 2022 22:18  
 Operator : SY/VA  
 Sample : N1074-01  
 Misc : 6.26g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLK0

Quant Time: Jan 07 23:04:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM122821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jan 07 22:46:04 2022  
 Response via : Initial Calibration

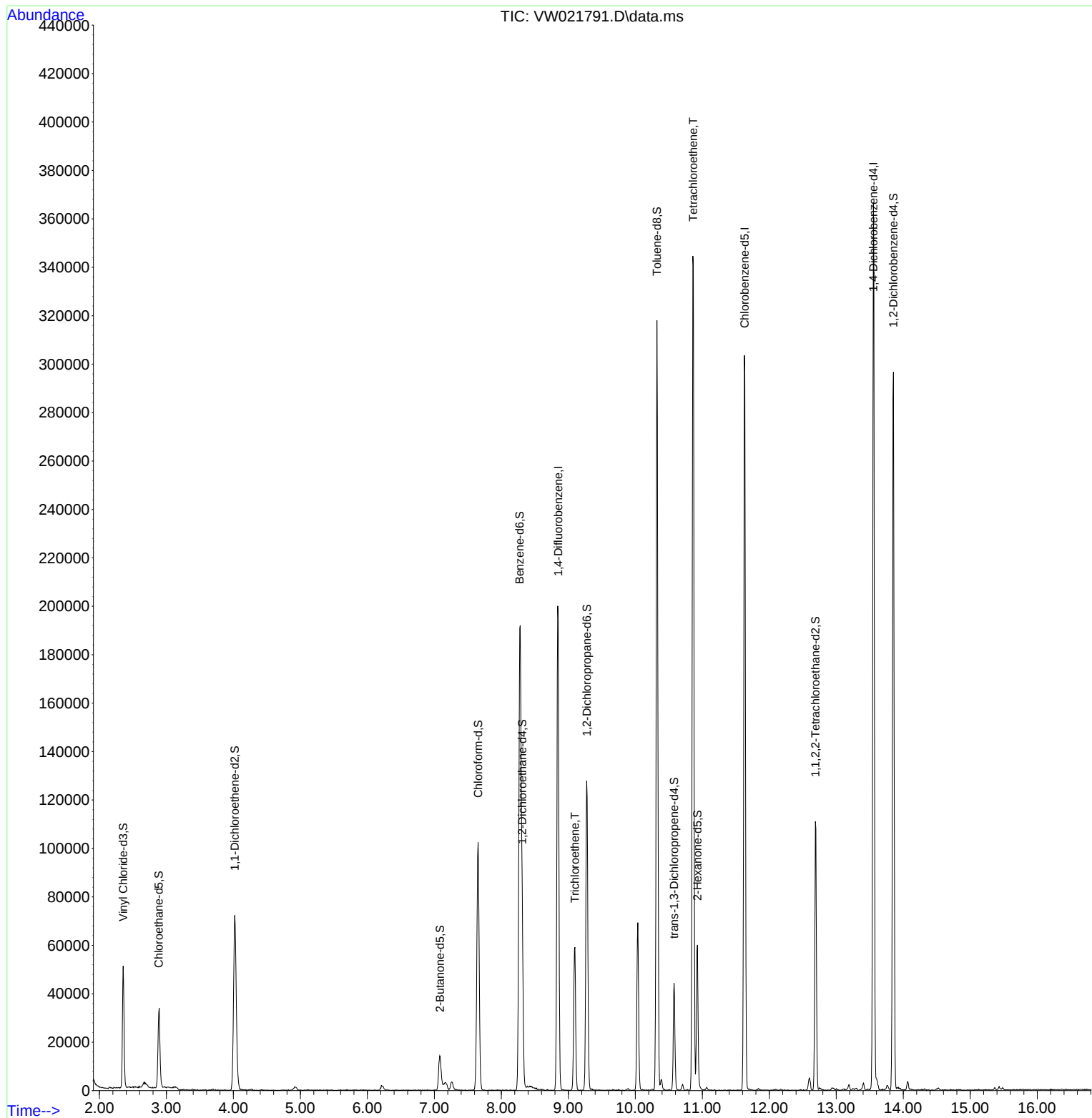
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 185861   | 25.000   | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 188101   | 25.000   | ug/L   | # 0.00   |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 104797   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 48149    | 13.139   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 52.560%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 35463    | 14.368   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 57.480%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 64880    | 12.098   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 48.400%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 23111    | 43.107   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 86.220%  |
| 24) Chloroform-d              | 7.653  | 84    | 103899   | 17.896   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 71.600%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 56150    | 18.316   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 73.280%  |
| 32) Benzene-d6                | 8.275  | 84    | 212097   | 18.990   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 75.960%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 58195    | 19.207   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 76.840%  |
| 41) Toluene-d8                | 10.323 | 98    | 209269   | 18.805   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 75.240%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 24181    | 16.401   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 65.600%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 20988    | 45.675   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 91.340%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 50390    | 20.173   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 80.680%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 82526    | 20.593   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 82.360%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 34) Trichloroethene           | 9.098  | 95    | 19828    | 6.086    | ug/L   | 87       |
| 46) Tetrachloroethene         | 10.866 | 164   | 84123    | 27.572   | ug/L   | 95       |
| -----                         |        |       |          |          |        |          |

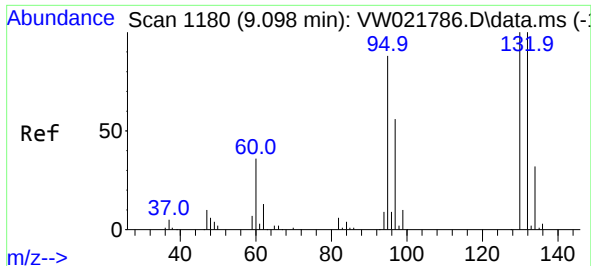
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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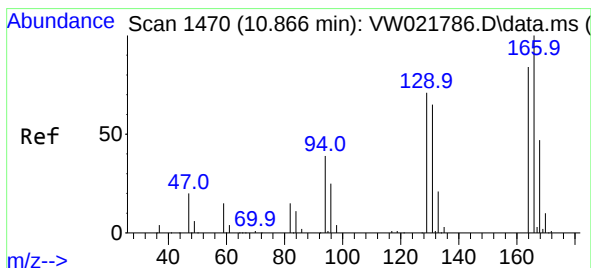
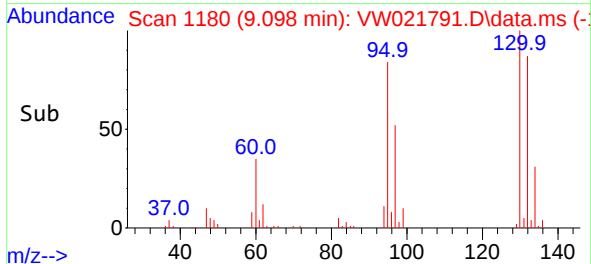
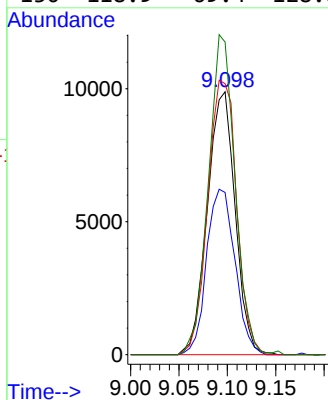
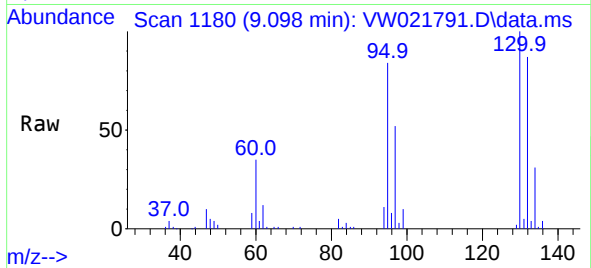


#34  
Trichloroethene  
Concen: 6.086 ug/L  
RT: 9.098 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: VW021791.D  
Acq: 07 Jan 2022 22:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
BGLK0

Tgt Ion: 95 Resp: 19828

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 61.7  | 47.0  | 87.2  |
| 132 | 103.1 | 65.5  | 121.6 |
| 130 | 118.9 | 69.4  | 128.8 |



#46  
Tetrachloroethene  
Concen: 27.572 ug/L  
RT: 10.866 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VW021791.D  
Acq: 07 Jan 2022 22:18

Tgt Ion: 164 Resp: 84123

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 79.9  | 65.5  | 121.7 |
| 131 | 84.2  | 59.7  | 110.9 |
| 166 | 128.2 | 88.7  | 164.7 |

