

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW050521\  
 Data File : VW018930.D  
 Acq On : 05 May 2021 11:02  
 Operator : SY/VA  
 Sample : VW0505SBL01  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: May 06 01:11:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM042921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu May 06 01:11:01 2021  
 Response via : Initial Calibration

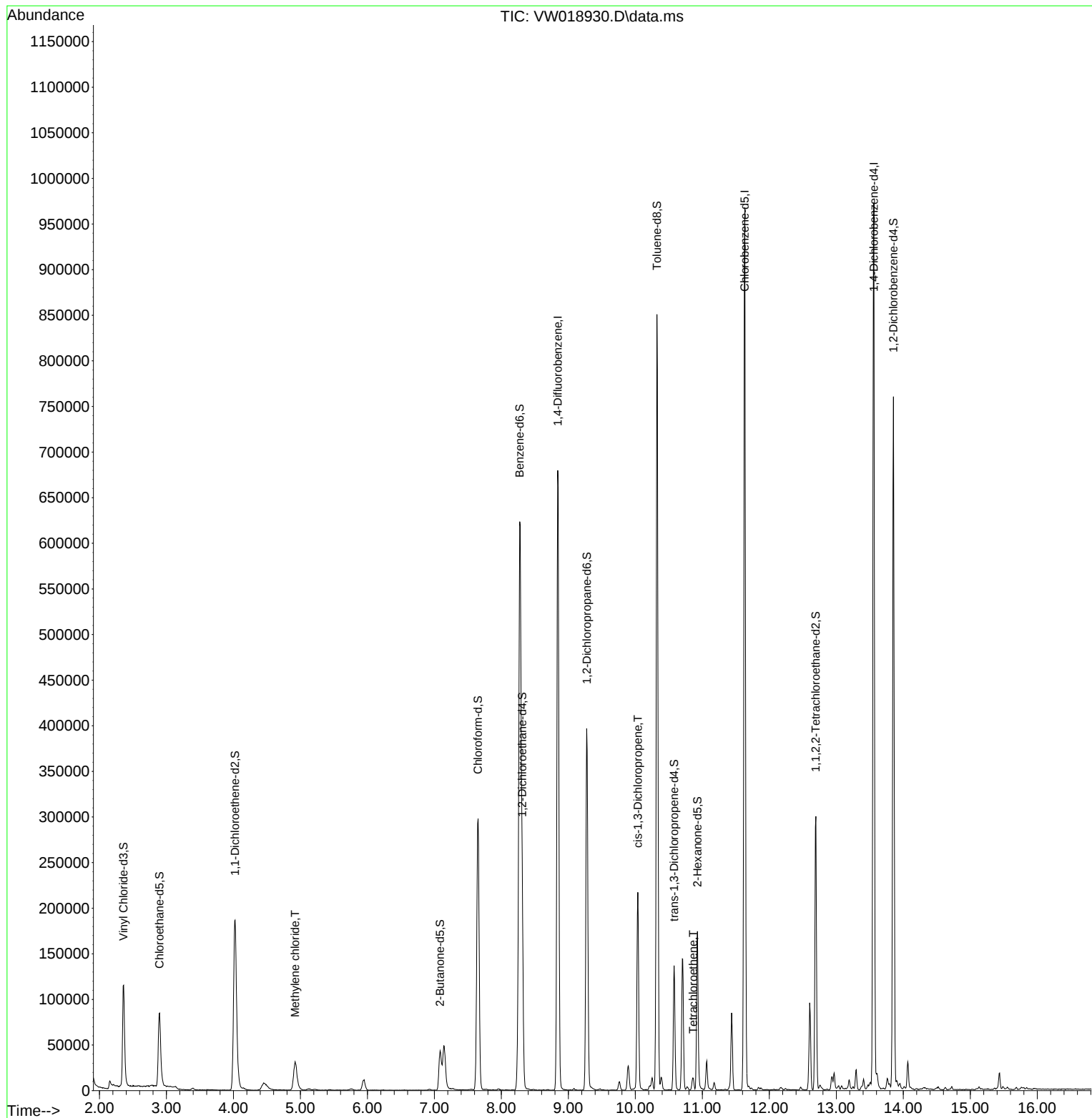
| Compound                      | R.T.           | QIon | Response   | Conc   | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|--------|-------|----------|
| -----                         |                |      |            |        |       |          |
| Internal Standards            |                |      |            |        |       |          |
| 1) 1,4-Difluorobenzene        | 8.841          | 114  | 555652     | 25.00  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 504491     | 25.00  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 242107     | 25.00  | ug/L  | 0.00     |
|                               |                |      |            |        |       |          |
| System Monitoring Compounds   |                |      |            |        |       |          |
| 4) Vinyl Chloride-d3          | 2.361          | 65   | 143118     | 20.08  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 80.32% |       |          |
| 7) Chloroethane-d5            | 2.897          | 69   | 111241     | 20.14  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 80.56% |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.025          | 63   | 216957     | 15.33  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 61.32% |       |          |
| 21) 2-Butanone-d5             | 7.086          | 46   | 73754      | 39.73  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 79.46% |       |          |
| 24) Chloroform-d              | 7.653          | 84   | 305743     | 20.96  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 83.84% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.311          | 65   | 176832     | 21.71  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 86.84% |       |          |
| 32) Benzene-d6                | 8.274          | 84   | 602549     | 21.14  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 84.56% |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 180726     | 21.37  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 85.48% |       |          |
| 41) Toluene-d8                | 10.323         | 98   | 545285     | 20.51  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 82.04% |       |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 73462      | 19.12  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 76.48% |       |          |
| 47) 2-Hexanone-d5             | 10.926         | 63   | 60046      | 39.66  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 79.32% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694         | 84   | 146111     | 20.39  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 81.56% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 177042     | 21.34  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 85.36% |       |          |
|                               |                |      |            |        |       |          |
| Target Compounds              |                |      |            |        |       | Qvalue   |
| 16) Methylene chloride        | 4.921          | 84   | 26825      | 2.92   | ug/L  | 96       |
| 39) cis-1,3-Dichloropropene   | 10.036         | 75   | 5931       | 0.51   | ug/L  | 85       |
| 46) Tetrachloroethene         | 10.865         | 164  | 2456       | 0.41   | ug/L  | 97       |
| -----                         |                |      |            |        |       |          |

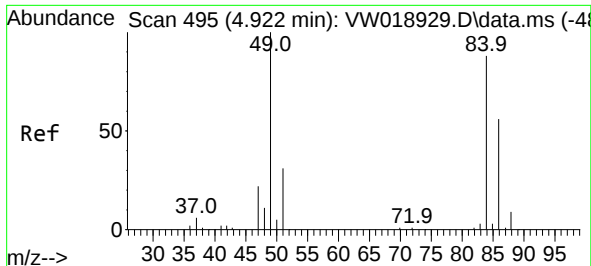
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: May 06 01:11:33 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM042921SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu May 06 01:11:01 2021  
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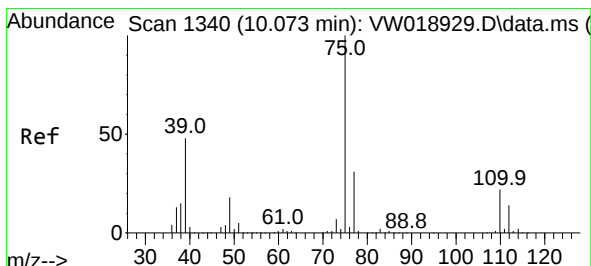
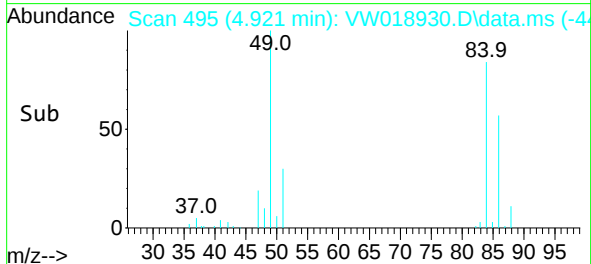
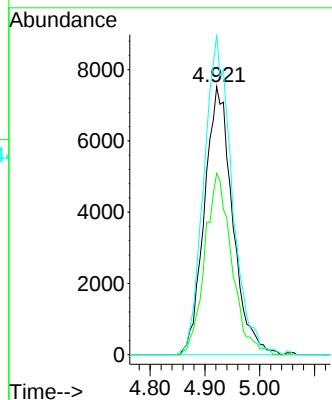
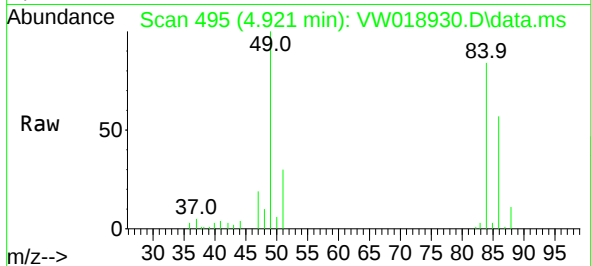




#16  
Methylene chloride  
Concen: 2.92 ug/L  
RT: 4.921 min Scan# 495  
Delta R.T. -0.000 min  
Lab File: VW018930.D  
Acq: 05 May 2021 11:02

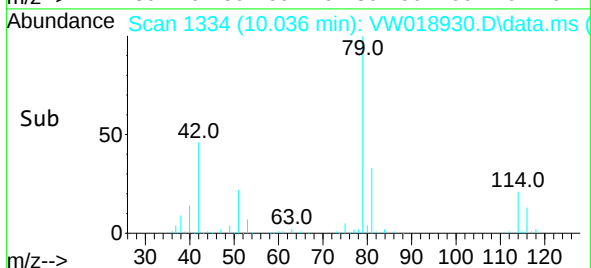
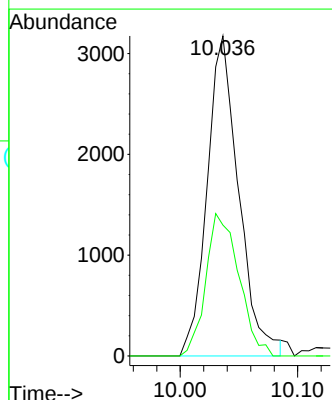
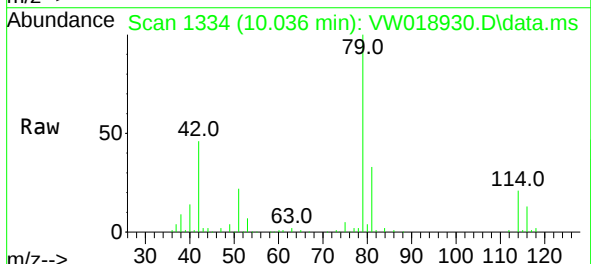
Instrument :  
MSVOA\_W  
ClientSampled :

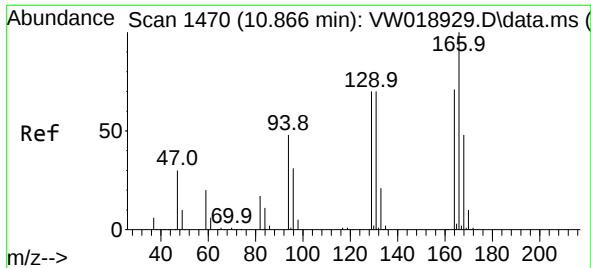
Tgt Ion: 84 Resp: 26825  
Ion Ratio Lower Upper  
84 100  
86 67.7 45.3 84.1  
49 119.4 86.6 160.8



#39  
cis-1,3-Dichloropropene  
Concen: 0.51 ug/L  
RT: 10.036 min Scan# 1334  
Delta R.T. -0.037 min  
Lab File: VW018930.D  
Acq: 05 May 2021 11:02

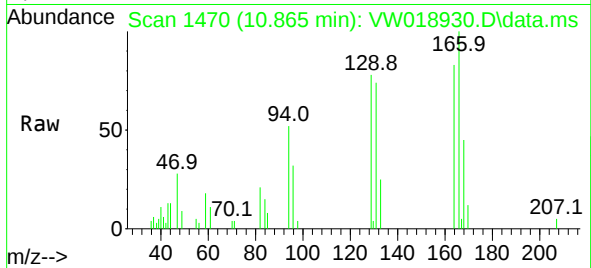
Tgt Ion: 75 Resp: 5931  
Ion Ratio Lower Upper  
75 100  
77 40.9 22.6 42.0





#46  
 Tetrachloroethene  
 Concen: 0.41 ug/L  
 RT: 10.865 min Scan# 1470  
 Delta R.T. -0.000 min  
 Lab File: VW018930.D  
 Acq: 05 May 2021 11:02

Instrument :  
 MSVOA\_W  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 2456  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 97.9  | 66.7  | 123.9 |
| 131      | 88.2  | 61.1  | 113.5 |
| 166      | 119.9 | 87.0  | 161.6 |

