

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082922\  
 Data File : VW024497.D  
 Acq On : 30 Aug 2022 18:00  
 Operator : SY/VA  
 Sample : N4440-02  
 Misc : 5.69g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0ZJ8

Quant Time: Aug 31 02:56:31 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Aug 31 02:55:40 2022  
 Response via : Initial Calibration

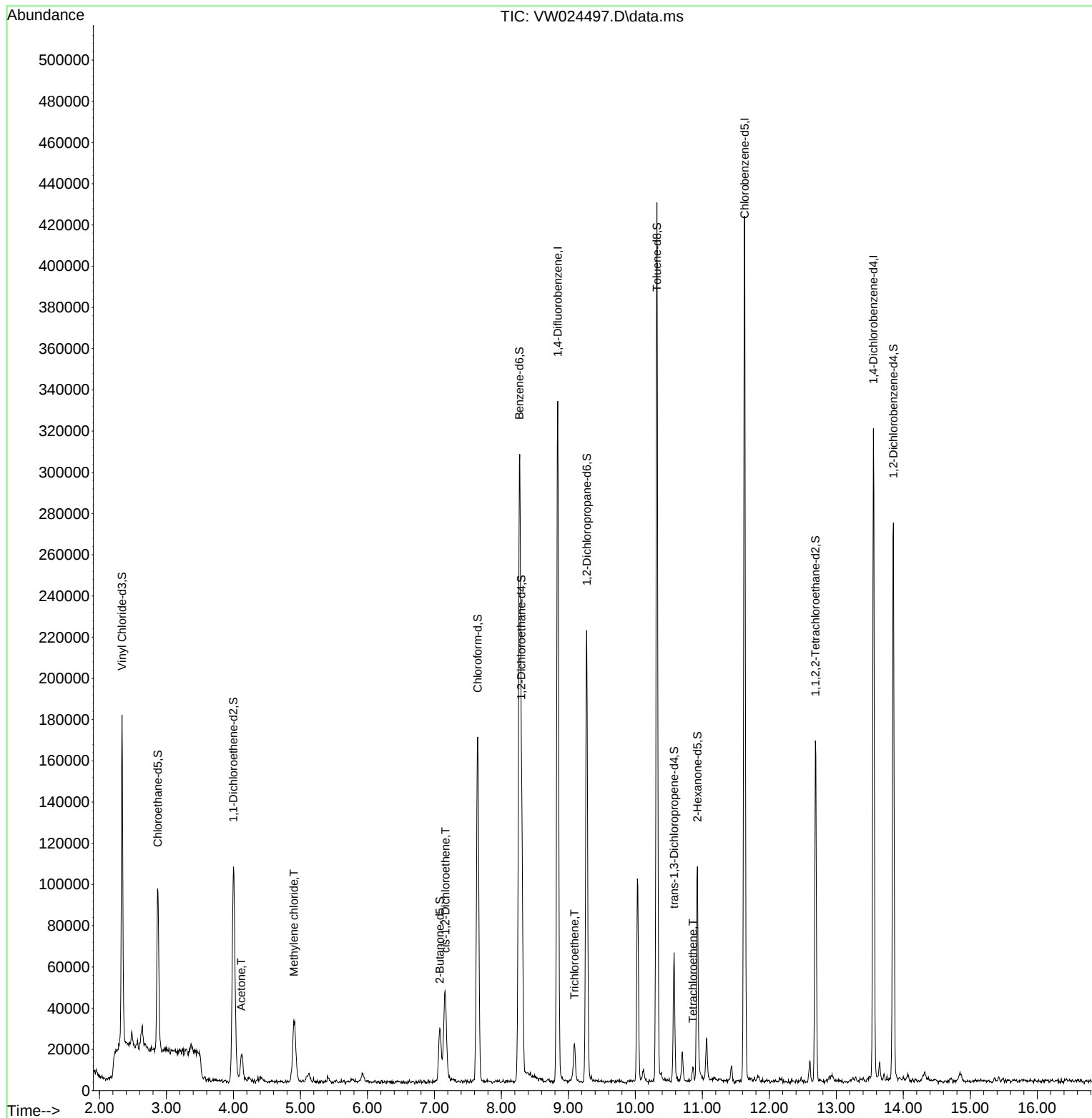
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 263290   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 225610   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 75658    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.336  | 65    | 151528   | 20.878   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 83.520%  |
| 7) Chloroethane-d5            | 2.873  | 69    | 87331    | 16.060   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 64.240%  |
| 11) 1,1-Dichloroethene-d2     | 4.001  | 63    | 104675   | 16.630   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 66.520%  |
| 21) 2-Butanone-d5             | 7.079  | 46    | 44083    | 32.976   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 65.960%  |
| 24) Chloroform-d              | 7.646  | 84    | 167739   | 19.817   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 79.280%  |
| 26) 1,2-Dichloroethane-d4     | 8.299  | 65    | 92461    | 18.012   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 72.040%  |
| 32) Benzene-d6                | 8.268  | 84    | 312123   | 24.146   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 96.600%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 94454    | 23.496   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 94.000%  |
| 41) Toluene-d8                | 10.323 | 98    | 270175   | 21.983   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 87.920%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 31604    | 16.799   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 67.200%  |
| 47) 2-Hexanone-d5             | 10.926 | 63    | 33608    | 37.358   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 74.720%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 77477    | 17.023   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 68.080%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 66628    | 23.386   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 93.560%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.117  | 43    | 22085    | 27.683   | ug/L   | 97       |
| 16) Methylene chloride        | 4.903  | 84    | 24070    | 5.451    | ug/L   | 88       |
| 20) cis-1,2-Dichloroethene    | 7.165  | 96    | 9482     | 2.316    | ug/L   | 95       |
| 34) Trichloroethene           | 9.091  | 95    | 5843     | 1.578    | ug/L   | 95       |
| 46) Tetrachloroethene         | 10.859 | 164   | 1361     | 0.473    | ug/L # | 74       |
| -----                         |        |       |          |          |        |          |

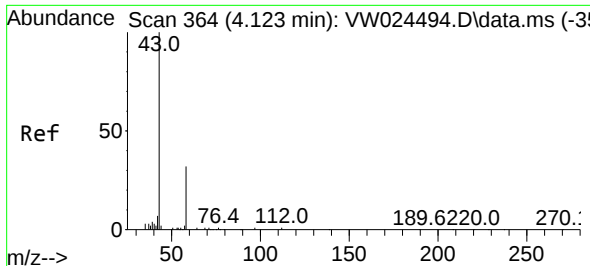
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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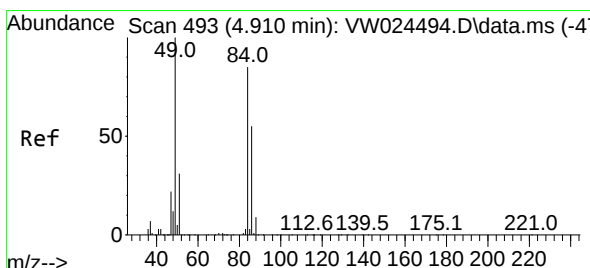
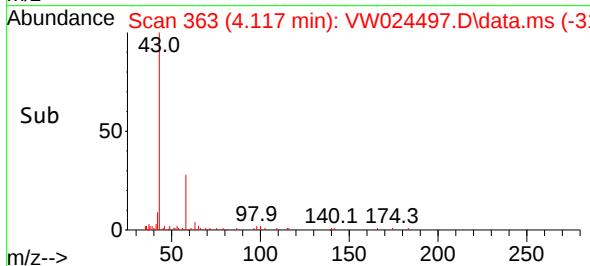
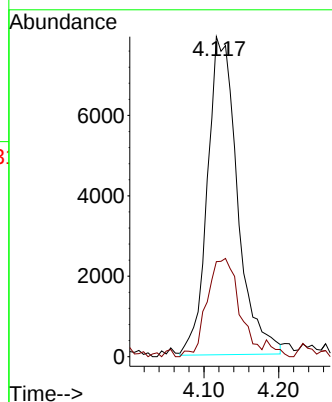
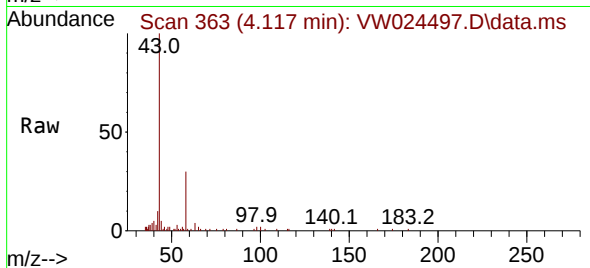




#13  
Acetone  
Concen: 27.683 ug/L  
RT: 4.117 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: VW024497.D  
Acq: 30 Aug 2022 18:00

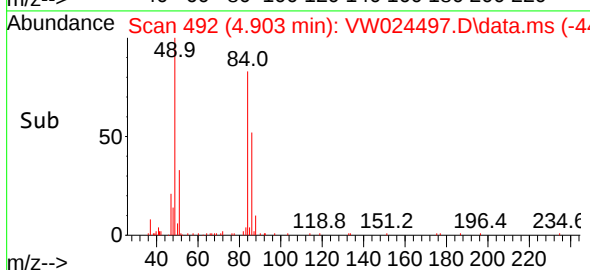
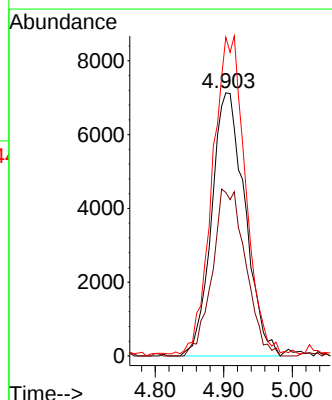
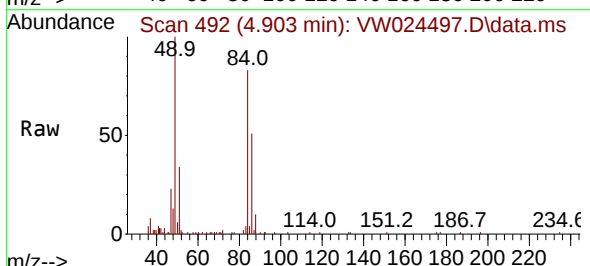
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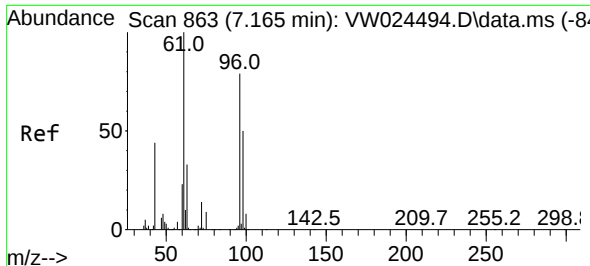
Tgt Ion: 43 Resp: 22085  
Ion Ratio Lower Upper  
43 100  
58 30.8 0.0 58.4



#16  
Methylene chloride  
Concen: 5.451 ug/L  
RT: 4.903 min Scan# 492  
Delta R.T. -0.006 min  
Lab File: VW024497.D  
Acq: 30 Aug 2022 18:00

Tgt Ion: 84 Resp: 24070  
Ion Ratio Lower Upper  
84 100  
86 62.1 47.7 88.7  
49 121.1 96.6 179.4

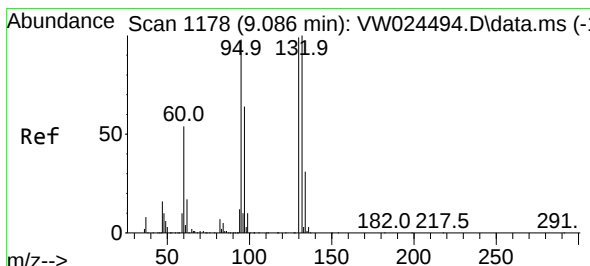
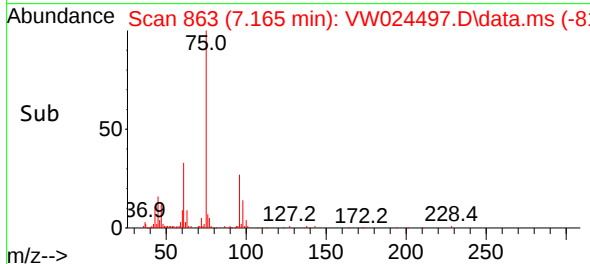
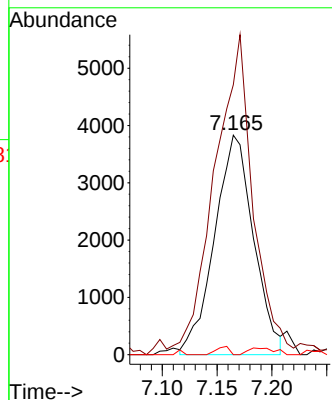
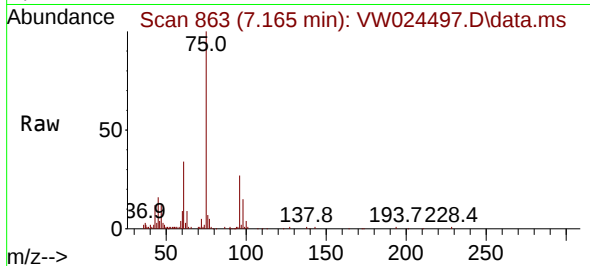




#20  
 cis-1,2-Dichloroethene  
 Concen: 2.316 ug/L  
 RT: 7.165 min Scan# 863  
 Delta R.T. -0.000 min  
 Lab File: VW024497.D  
 Acq: 30 Aug 2022 18:00

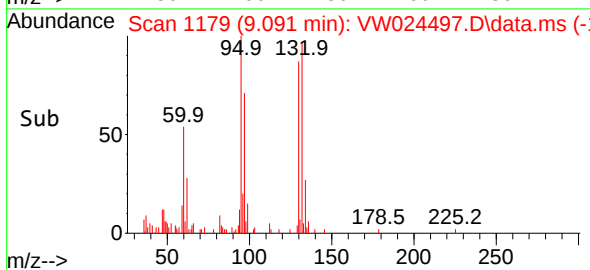
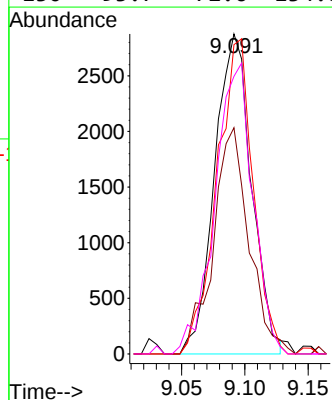
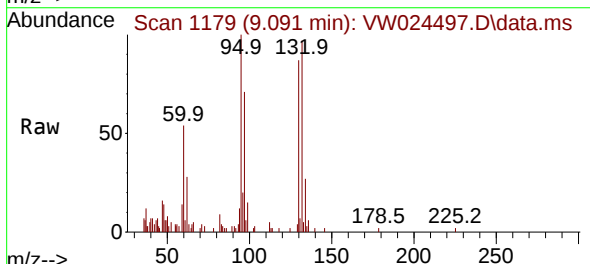
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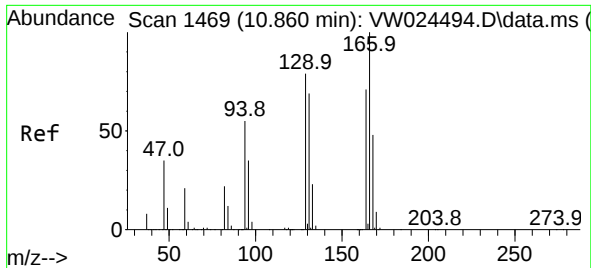
Tgt Ion: 96 Resp: 9482  
 Ion Ratio Lower Upper  
 96 100  
 61 123.0 90.2 167.6  
 68 0.0 0.0 0.0



#34  
 Trichloroethene  
 Concen: 1.578 ug/L  
 RT: 9.091 min Scan# 1179  
 Delta R.T. 0.006 min  
 Lab File: VW024497.D  
 Acq: 30 Aug 2022 18:00

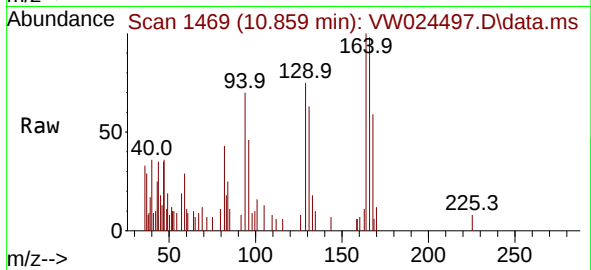
Tgt Ion: 95 Resp: 5843  
 Ion Ratio Lower Upper  
 95 100  
 97 70.7 48.4 89.8  
 132 96.6 68.6 127.4  
 130 93.7 72.6 134.8





#46  
 Tetrachloroethene  
 Concen: 0.473 ug/L  
 RT: 10.859 min Scan# 14  
 Delta R.T. -0.000 min  
 Lab File: VW024497.D  
 Acq: 30 Aug 2022 18:00

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0ZJ8



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 1361   |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 129      | 75.0  | 72.9  | 135.3  |
| 131      | 62.8  | 63.7  | 118.3# |
| 166      | 98.1  | 86.2  | 160.0  |

