

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW070722\  
 Data File : VW023577.D  
 Acq On : 07 Jul 2022 16:42  
 Operator : SY/VA  
 Sample : N3598-01  
 Misc : 5.09g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AG2

Quant Time: Jul 08 01:47:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070722SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jul 08 01:46:16 2022  
 Response via : Initial Calibration

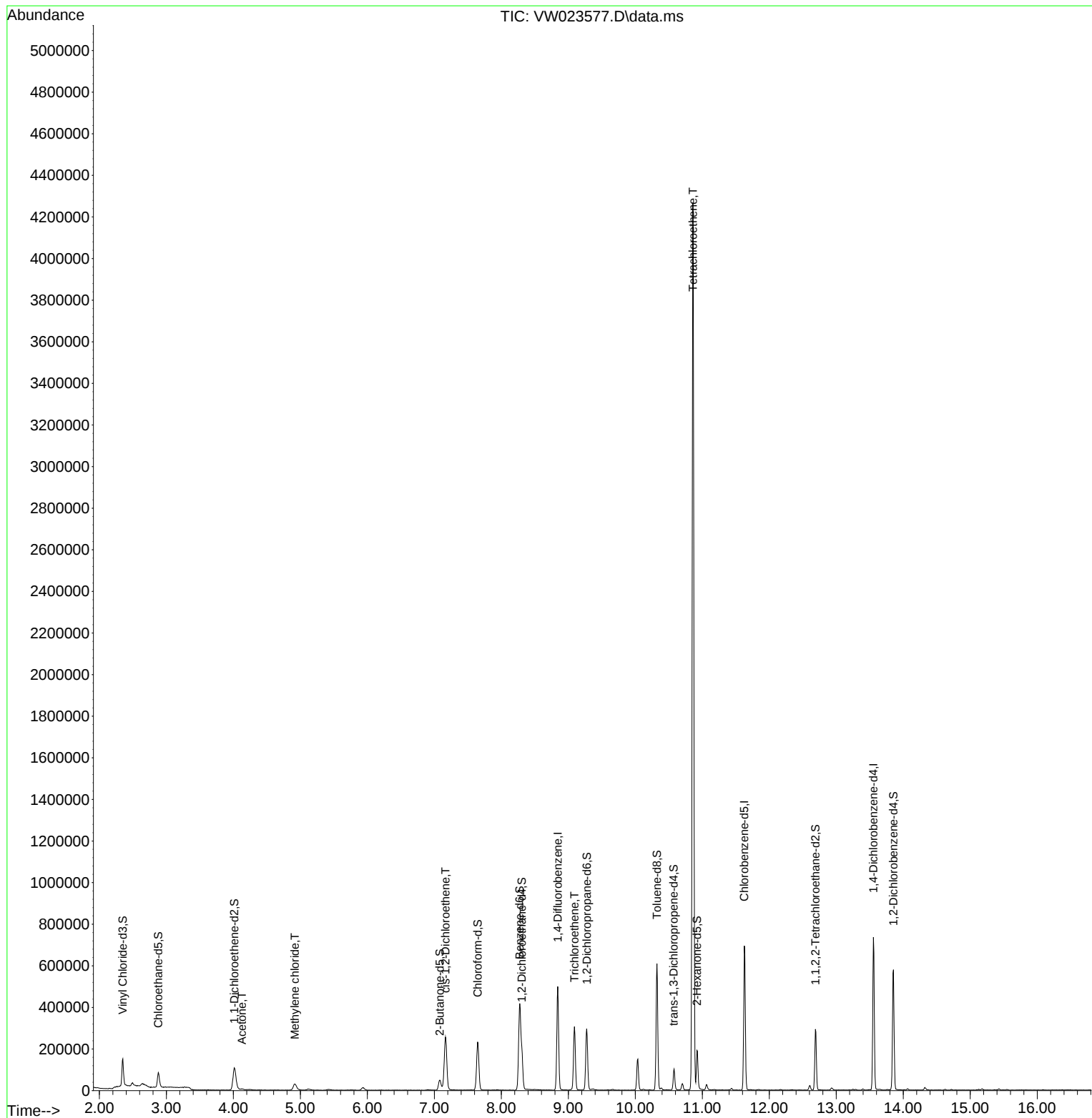
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 389310   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 375621   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 172480   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 131137   | 18.608   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 74.440%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 85377    | 21.183   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 84.720%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 109038   | 13.724   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 54.880%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 80583    | 55.064   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 110.120% |
| 24) Chloroform-d              | 7.647  | 84    | 226057   | 20.386   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 81.560%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 131695   | 21.012   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 84.040%  |
| 32) Benzene-d6                | 8.275  | 84    | 420240   | 20.220   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 80.880%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 130253   | 21.407   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 85.640%  |
| 41) Toluene-d8                | 10.323 | 98    | 395177   | 19.617   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 78.480%  |
| 43) trans-1,3-Dichloroprop... | 10.573 | 79    | 52400    | 19.292   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 77.160%  |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 63918    | 53.710   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 107.420% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 142056   | 23.533   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 94.120%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 141941   | 22.810   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 91.240%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 13) Acetone                   | 4.129  | 43    | 7971     | 7.390    | ug/L  | 97       |
| 16) Methylene chloride        | 4.916  | 84    | 26081    | 3.950    | ug/L  | 86       |
| 20) cis-1,2-Dichloroethene    | 7.165  | 96    | 144199   | 23.627   | ug/L  | 94       |
| 34) Trichloroethene           | 9.092  | 95    | 101048   | 16.437   | ug/L  | 98       |
| 46) Tetrachloroethene         | 10.860 | 164   | 859062   | 177.782  | ug/L  | 95       |
| -----                         |        |       |          |          |       |          |

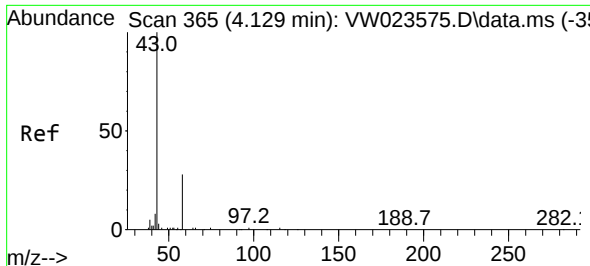
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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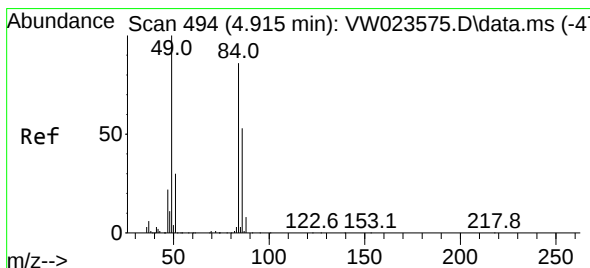
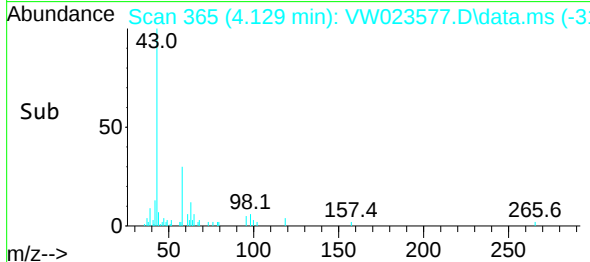
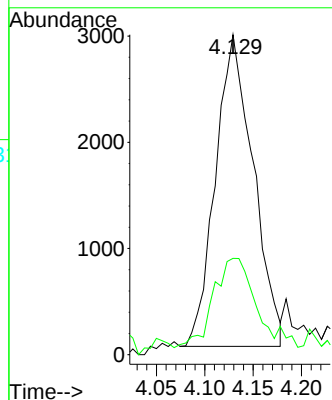
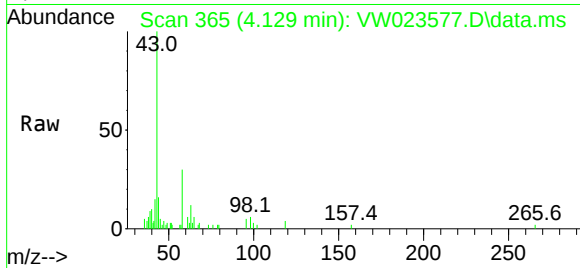




#13  
Acetone  
Concen: 7.390 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. 0.000 min  
Lab File: VW023577.D  
Acq: 07 Jul 2022 16:42

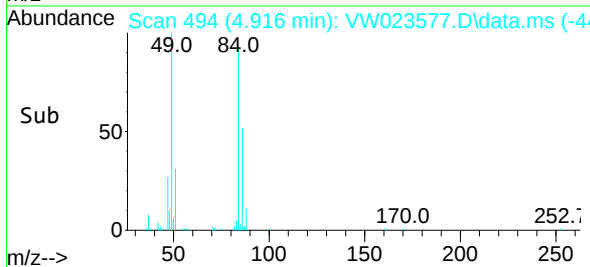
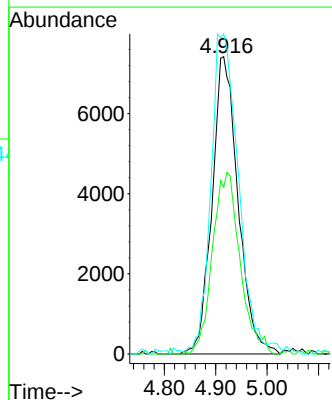
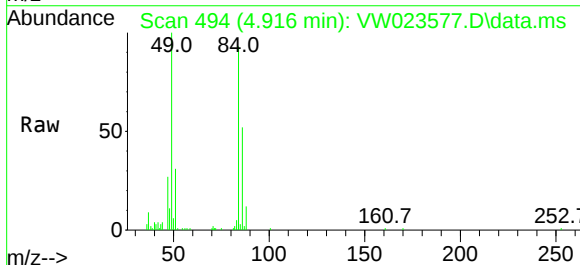
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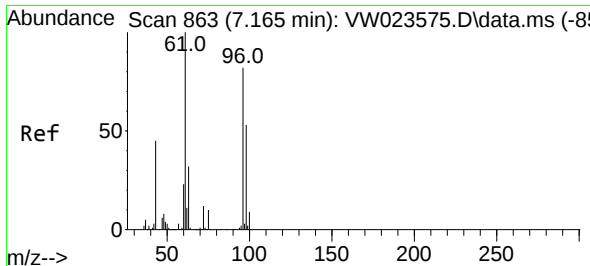
Tgt Ion: 43 Resp: 7971  
Ion Ratio Lower Upper  
43 100  
58 32.3 0.0 61.2



#16  
Methylene chloride  
Concen: 3.950 ug/L  
RT: 4.916 min Scan# 494  
Delta R.T. 0.000 min  
Lab File: VW023577.D  
Acq: 07 Jul 2022 16:42

Tgt Ion: 84 Resp: 26081  
Ion Ratio Lower Upper  
84 100  
86 56.1 44.9 83.3  
49 107.7 87.6 162.6

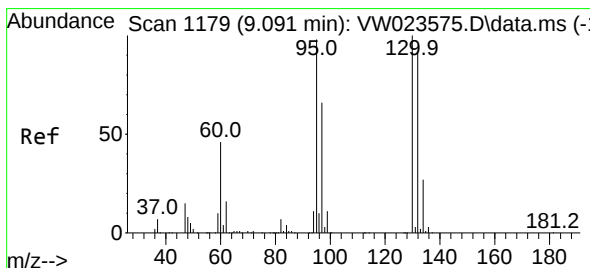
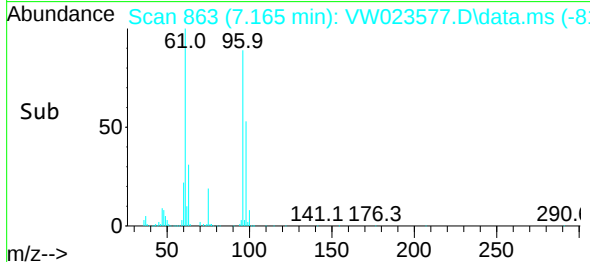
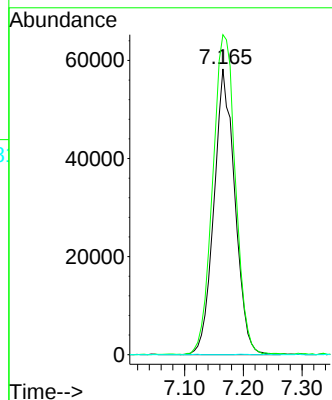
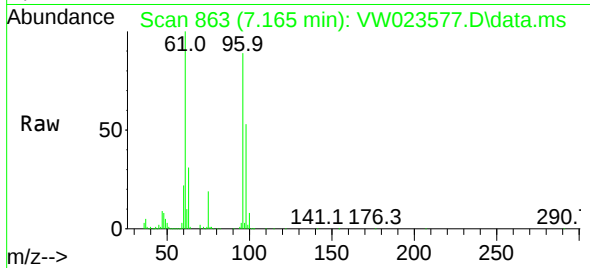




#20  
 cis-1,2-Dichloroethene  
 Concen: 23.627 ug/L  
 RT: 7.165 min Scan# 863  
 Delta R.T. 0.000 min  
 Lab File: VW023577.D  
 Acq: 07 Jul 2022 16:42

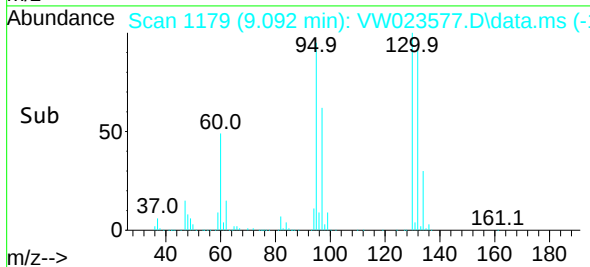
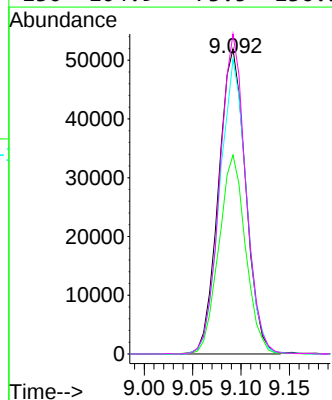
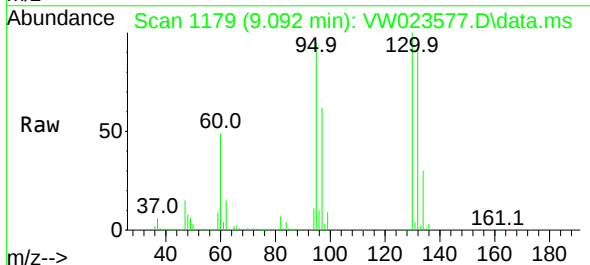
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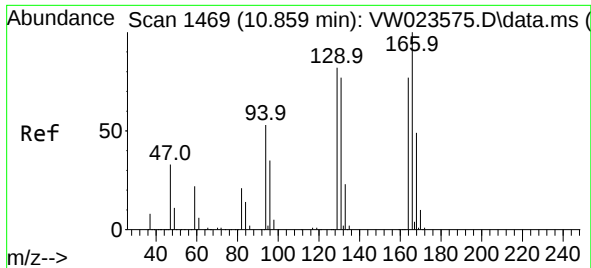
Tgt Ion: 96 Resp: 144199  
 Ion Ratio Lower Upper  
 96 100  
 61 112.0 83.2 154.6  
 68 0.0 0.0 0.0



#34  
 Trichloroethene  
 Concen: 16.437 ug/L  
 RT: 9.092 min Scan# 1179  
 Delta R.T. 0.000 min  
 Lab File: VW023577.D  
 Acq: 07 Jul 2022 16:42

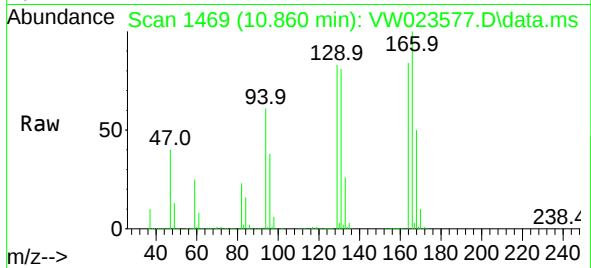
Tgt Ion: 95 Resp: 101048  
 Ion Ratio Lower Upper  
 95 100  
 97 65.2 47.5 88.1  
 132 96.5 68.9 127.9  
 130 104.9 73.5 136.5





#46  
Tetrachloroethene  
Concen: 177.782 ug/L  
RT: 10.860 min Scan# 1469  
Delta R.T. 0.000 min  
Lab File: VW023577.D  
Acq: 07 Jul 2022 16:42

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AG2



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 859062 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 129      | 98.7  | 71.3  | 132.3  |
| 131      | 97.1  | 67.0  | 124.4  |
| 166      | 119.6 | 90.2  | 167.6  |

