

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV090122\  
 Data File : VV027701.D  
 Acq On : 02 Sep 2022 05:54  
 Operator : SY/MD  
 Sample : N4402-15  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBVD4

Quant Time: Sep 03 04:13:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR083122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Sep 02 03:03:49 2022  
 Response via : Initial Calibration

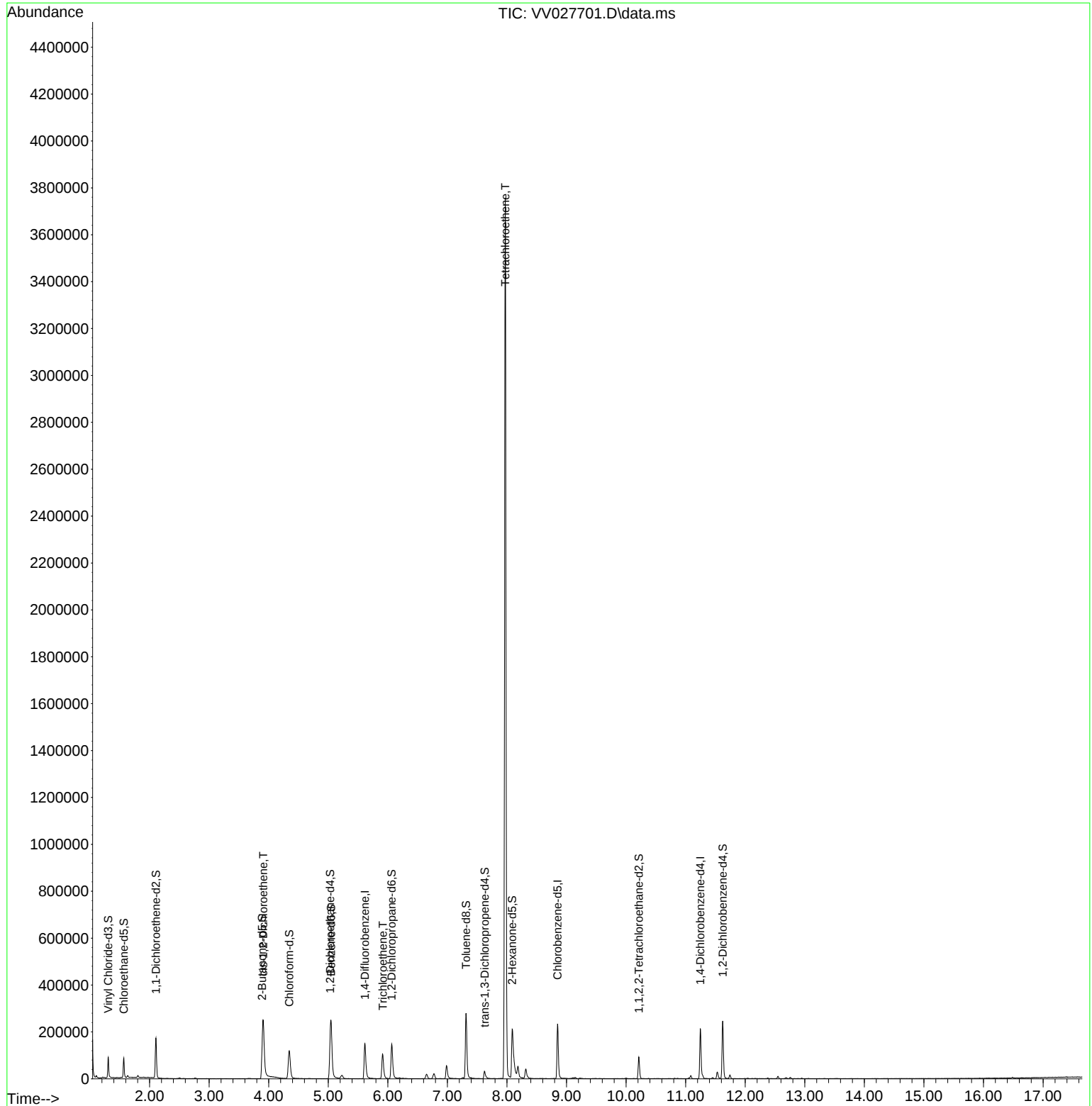
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114   | 133711   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 128844   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152   | 56485    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 58312    | 4.014    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 80.200%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 53090    | 4.368    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 87.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 91738    | 3.227    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 64.600%  |
| 20) 2-Butanone-d5             | 3.889  | 46    | 67477    | 27.475   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 54.940%  |
| 24) Chloroform-d              | 4.346  | 84    | 123882   | 4.248    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 85.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65    | 59444    | 4.551    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.000%  |
| 32) Benzene-d6                | 5.047  | 84    | 234558   | 4.444    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 88.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 70101    | 4.294    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 85.800%  |
| 41) Toluene-d8                | 7.314  | 98    | 191130   | 4.182    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 83.600%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 19739    | 3.925    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 78.600%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 91173    | 48.210   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 96.420%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 43130    | 4.106    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 82.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 64573    | 5.106    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 102.200% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 22) cis-1,2-Dichloroethene    | 3.909  | 96    | 130179   | 10.310   | ug/L   | 91       |
| 34) Trichloroethene           | 5.915  | 95    | 39970    | 3.236    | ug/L   | 94       |
| 47) Tetrachloroethene         | 7.973  | 164   | 793303   | 79.202   | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

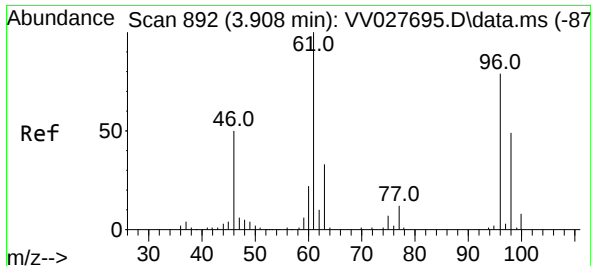
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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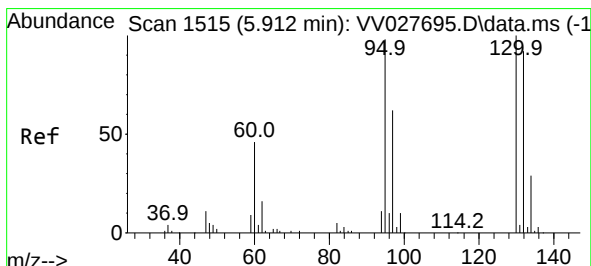
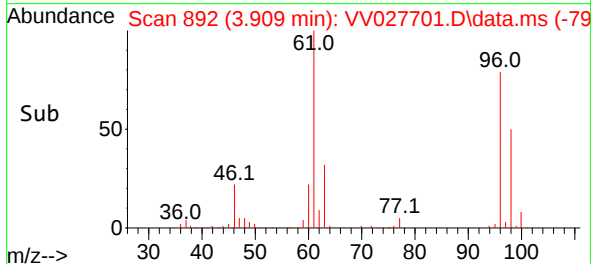
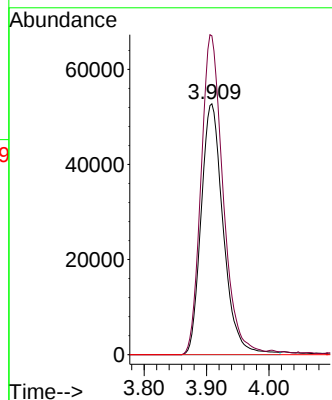
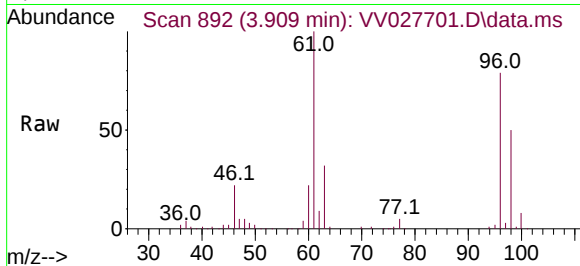




#22  
 cis-1,2-Dichloroethene  
 Concen: 10.310 ug/L  
 RT: 3.909 min Scan# 892  
 Delta R.T. 0.000 min  
 Lab File: VV027701.D  
 Acq: 02 Sep 2022 05:54

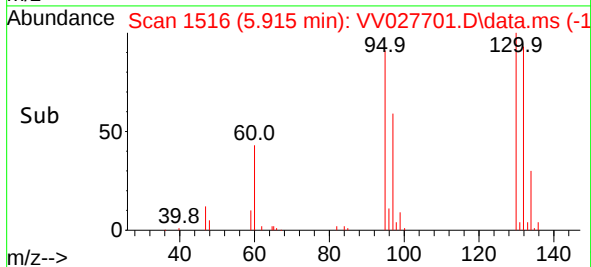
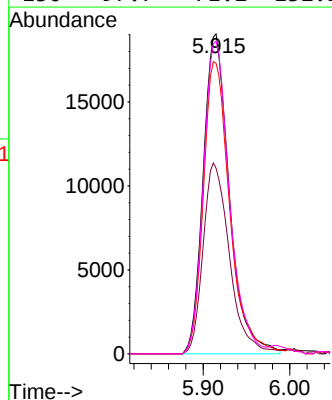
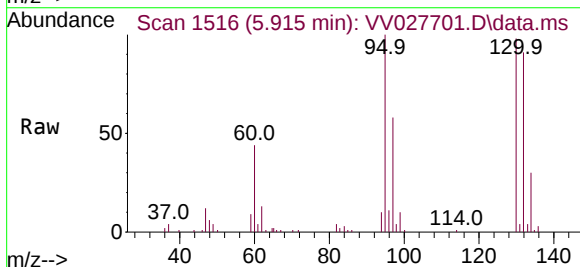
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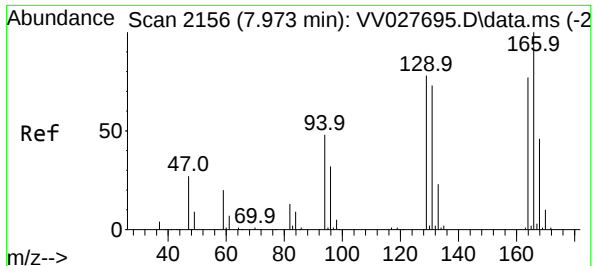
Tgt Ion: 96 Resp: 130179  
 Ion Ratio Lower Upper  
 96 100  
 61 127.0 96.9 180.1  
 68 0.0 0.0 0.0



#34  
 Trichloroethene  
 Concen: 3.236 ug/L  
 RT: 5.915 min Scan# 1516  
 Delta R.T. 0.003 min  
 Lab File: VV027701.D  
 Acq: 02 Sep 2022 05:54

Tgt Ion: 95 Resp: 39970  
 Ion Ratio Lower Upper  
 95 100  
 97 58.0 46.1 85.5  
 132 90.8 67.3 125.1  
 130 97.7 71.2 132.2





#47  
 Tetrachloroethene  
 Concen: 79.202 ug/L  
 RT: 7.973 min Scan# 2156  
 Delta R.T. 0.000 min  
 Lab File: VV027701.D  
 Acq: 02 Sep 2022 05:54

Instrument :  
 MSVOA\_V  
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Tgt Ion:164 Resp: 793303

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 96.7  | 65.9  | 122.3 |
| 131 | 93.1  | 64.5  | 119.7 |
| 166 | 127.8 | 88.8  | 165.0 |

