

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV083122\  
 Data File : VV027662.D  
 Acq On : 01 Sep 2022 11:52  
 Operator : SY/MD  
 Sample : N4369-03  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F5F30

Quant Time: Sep 01 23:16:36 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR083122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 01 07:36:37 2022  
 Response via : Initial Calibration

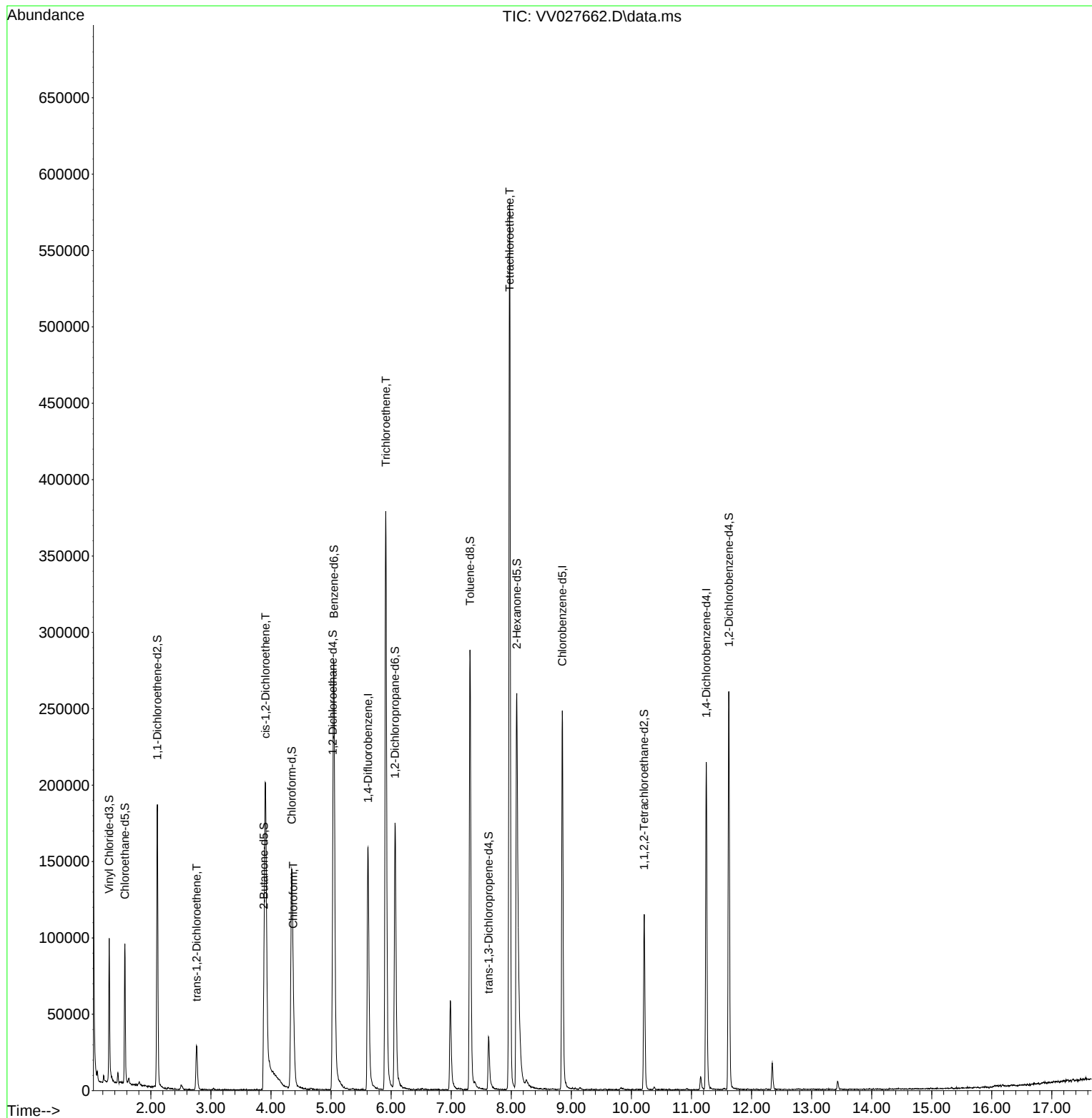
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114   | 136752   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 138060   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152   | 56977    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 65384    | 4.401    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 88.000%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 57430    | 4.620    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 92.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 98416    | 3.385    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 67.600%  |
| 20) 2-Butanone-d5             | 3.883  | 46    | 92786    | 36.940   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 73.880%  |
| 24) Chloroform-d              | 4.346  | 84    | 142879   | 4.791    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65    | 69330    | 5.189    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 103.800% |
| 32) Benzene-d6                | 5.047  | 84    | 254973   | 4.509    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 82631    | 4.724    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 94.400%  |
| 41) Toluene-d8                | 7.313  | 98    | 197154   | 4.026    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 80.600%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 22231    | 4.125    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 82.600%  |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 107373   | 52.986   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 105.980% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 54604    | 4.851    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 97.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 67178    | 5.266    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 105.400% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 18) trans-1,2-Dichloroethene  | 2.761  | 96    | 10843    | 0.838    | ug/L   | 95       |
| 22) cis-1,2-Dichloroethene    | 3.908  | 96    | 100766   | 7.803    | ug/L   | 90       |
| 25) Chloroform                | 4.371  | 83    | 34721    | 1.305    | ug/L   | 93       |
| 34) Trichloroethene           | 5.912  | 95    | 133432   | 10.080   | ug/L   | 99       |
| 47) Tetrachloroethene         | 7.973  | 164   | 125605   | 11.703   | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

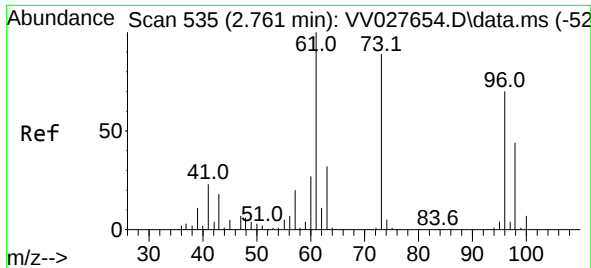
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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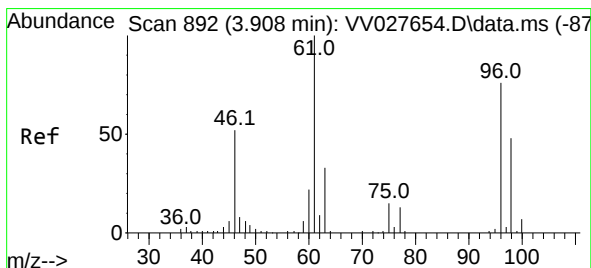
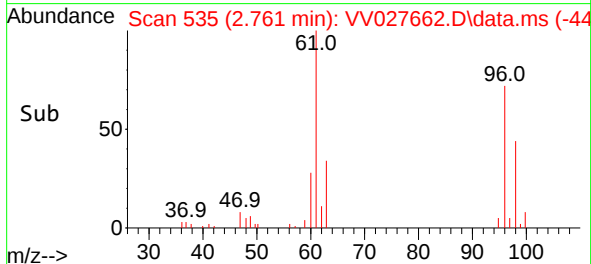
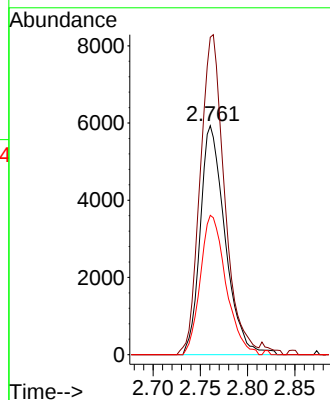
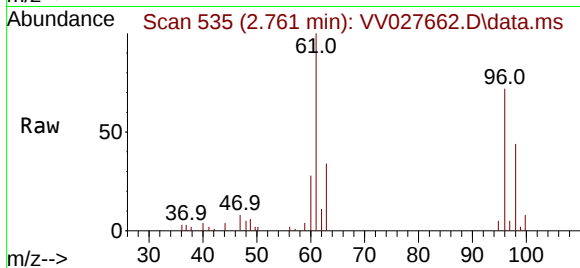




#18  
trans-1,2-Dichloroethene  
Concen: 0.838 ug/L  
RT: 2.761 min Scan# 518  
Delta R.T. 0.000 min  
Lab File: VV027662.D  
Acq: 01 Sep 2022 11:52

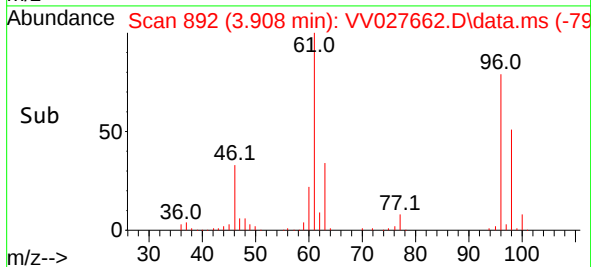
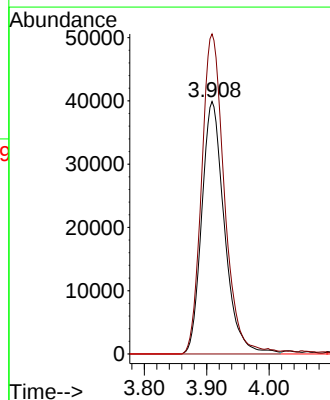
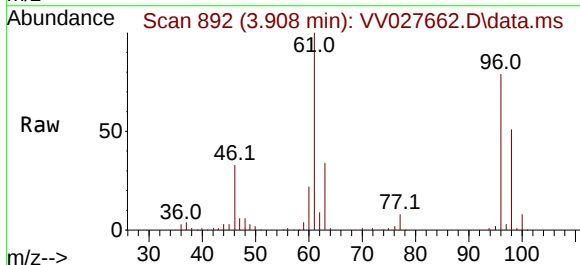
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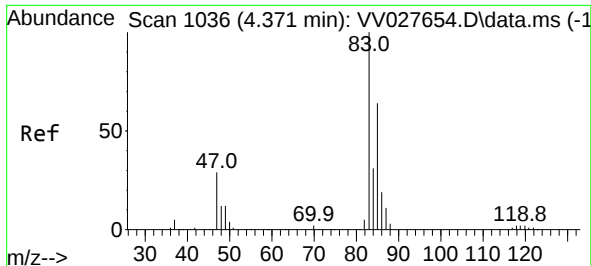
Tgt Ion: 96 Resp: 10843  
Ion Ratio Lower Upper  
96 100  
61 138.6 101.8 189.0  
98 60.9 44.9 83.3



#22  
cis-1,2-Dichloroethene  
Concen: 7.803 ug/L  
RT: 3.908 min Scan# 892  
Delta R.T. 0.000 min  
Lab File: VV027662.D  
Acq: 01 Sep 2022 11:52

Tgt Ion: 96 Resp: 100766  
Ion Ratio Lower Upper  
96 100  
61 126.7 96.9 180.1  
68 0.0 0.0 0.0

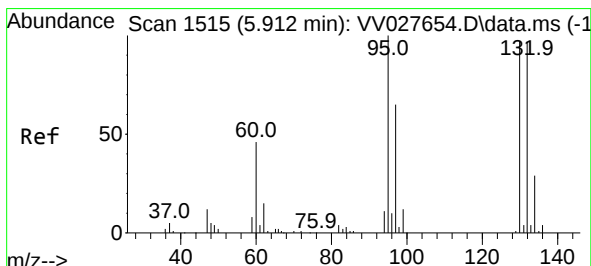
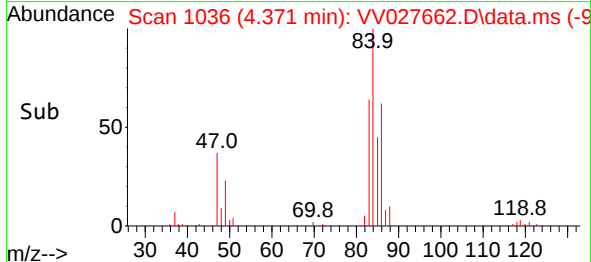
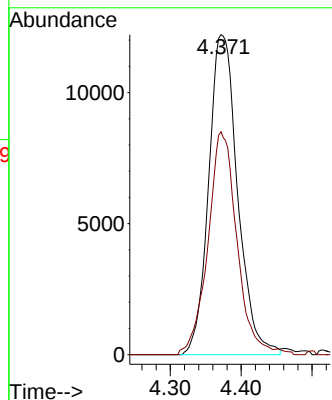
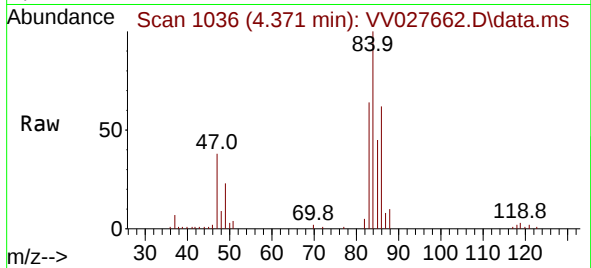




#25  
Chloroform  
Concen: 1.305 ug/L  
RT: 4.371 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: VV027662.D  
Acq: 01 Sep 2022 11:52

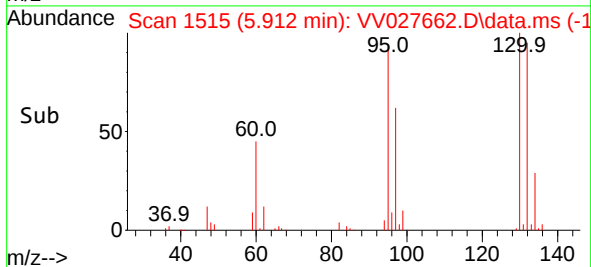
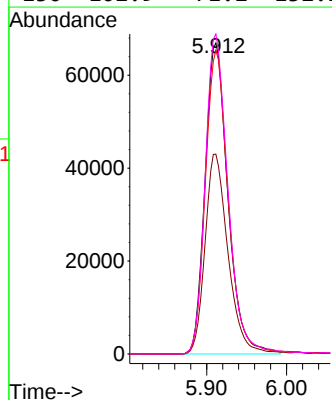
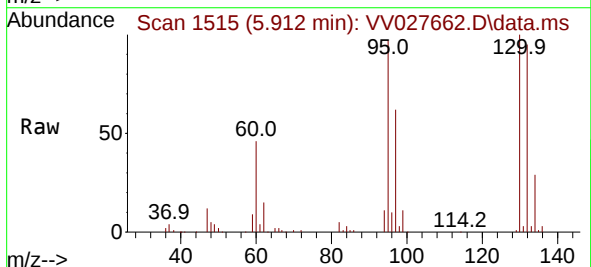
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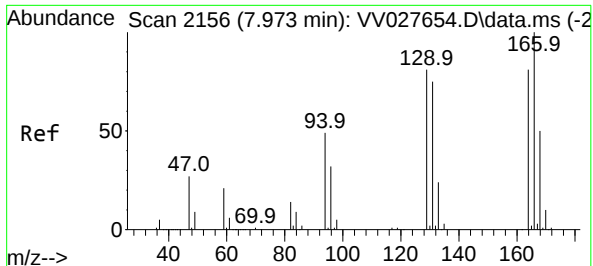
Tgt Ion: 83 Resp: 34721  
Ion Ratio Lower Upper  
83 100  
85 69.6 44.7 83.1



#34  
Trichloroethene  
Concen: 10.080 ug/L  
RT: 5.912 min Scan# 1515  
Delta R.T. 0.000 min  
Lab File: VV027662.D  
Acq: 01 Sep 2022 11:52

Tgt Ion: 95 Resp: 133432  
Ion Ratio Lower Upper  
95 100  
97 64.2 46.1 85.5  
132 97.7 67.3 125.1  
130 102.9 71.2 132.2





#47  
 Tetrachloroethene  
 Concen: 11.703 ug/L  
 RT: 7.973 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VV027662.D  
 Acq: 01 Sep 2022 11:52

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
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Tgt Ion:164 Resp: 125605

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 96.7  | 65.9  | 122.3 |
| 131 | 94.1  | 64.5  | 119.7 |
| 166 | 128.7 | 88.8  | 165.0 |

