

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV092922\  
 Data File : VV028185.D  
 Acq On : 29 Sep 2022 14:34  
 Operator : SY/MD  
 Sample : N4866-03  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EXFP9

Quant Time: Sep 30 01:47:40 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092222WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 29 01:25:35 2022  
 Response via : Initial Calibration

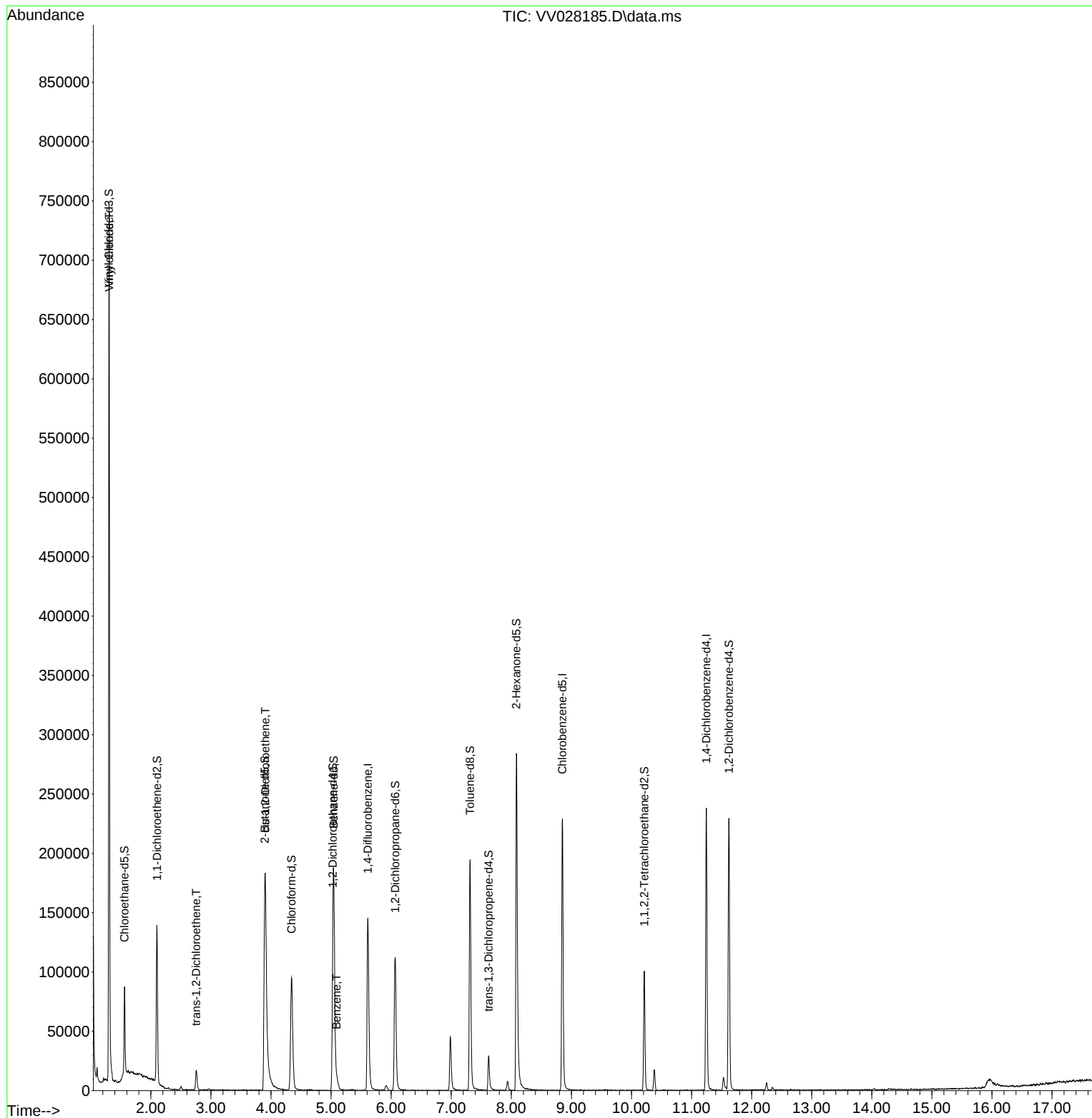
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.612  | 114   | 136994   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 141096   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152   | 67852    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65    | 49017    | 3.451    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 69.000%  |
| 7) Chloroethane-d5            | 1.561  | 69    | 47357    | 4.194    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 83.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63    | 65851    | 2.673    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 53.400%# |
| 20) 2-Butanone-d5             | 3.895  | 46    | 148157   | 61.790   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 123.580% |
| 24) Chloroform-d              | 4.342  | 84    | 104920   | 4.629    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 92.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65    | 49035    | 4.547    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 91.000%  |
| 32) Benzene-d6                | 5.043  | 84    | 177506   | 3.837    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 76.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 57372    | 3.978    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 79.600%  |
| 41) Toluene-d8                | 7.313  | 98    | 138390   | 3.305    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 66.000%# |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79    | 18532    | 3.557    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 71.200%  |
| 46) 2-Hexanone-d5             | 8.085  | 63    | 103753   | 47.715   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 95.440%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.213 | 84    | 48585    | 4.928    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 98.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 67650    | 5.083    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 101.600% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       |          |
| 5) Vinyl chloride             | 1.304  | 62    | 428559   | 40.342   | ug/L  | 99       |
| 18) trans-1,2-Dichloroethene  | 2.754  | 96    | 6714     | 0.810    | ug/L  | 90       |
| 22) cis-1,2-Dichloroethene    | 3.905  | 96    | 74838    | 6.882    | ug/L  | 94       |
| 33) Benzene                   | 5.091  | 78    | 6758     | 0.172    | ug/L  | 100      |
| -----                         |        |       |          |          |       |          |

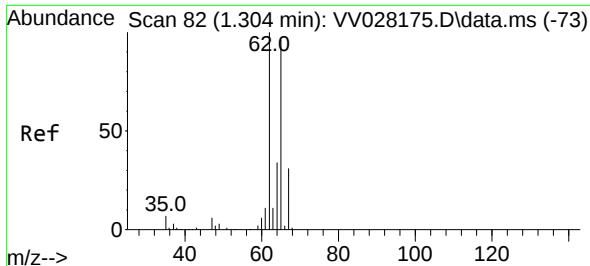
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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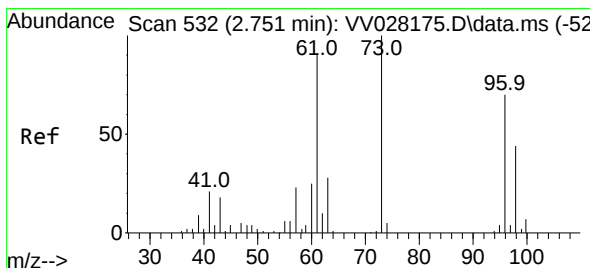
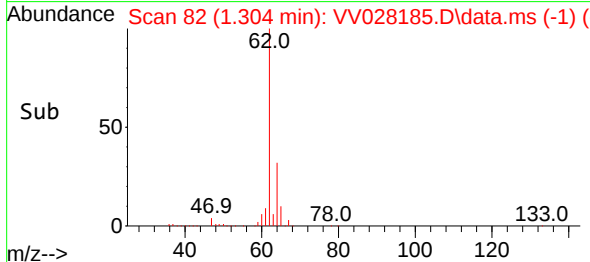
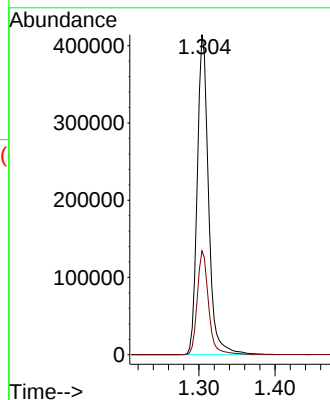
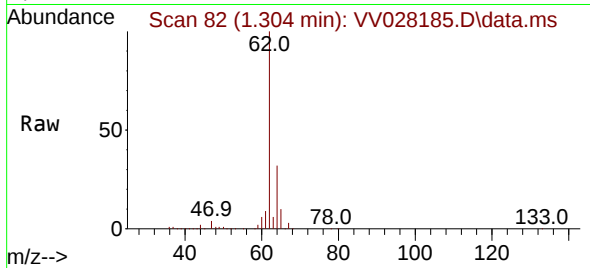




#5  
 Vinyl chloride  
 Concen: 40.342 ug/L  
 RT: 1.304 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: VV028185.D  
 Acq: 29 Sep 2022 14:34

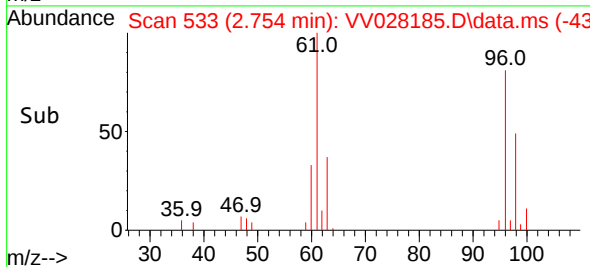
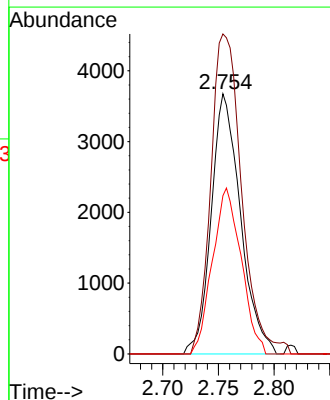
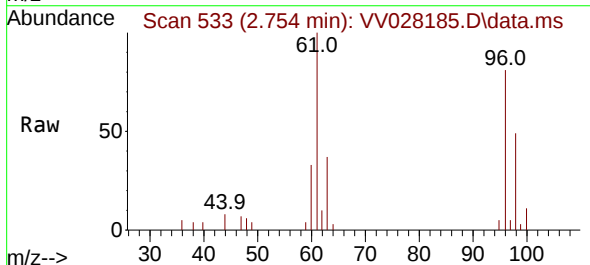
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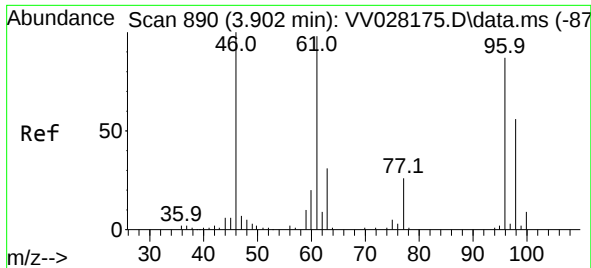
Tgt Ion: 62 Resp: 428559  
 Ion Ratio Lower Upper  
 62 100  
 64 32.5 23.0 42.8



#18  
 trans-1,2-Dichloroethene  
 Concen: 0.810 ug/L  
 RT: 2.754 min Scan# 533  
 Delta R.T. 0.003 min  
 Lab File: VV028185.D  
 Acq: 29 Sep 2022 14:34

Tgt Ion: 96 Resp: 6714  
 Ion Ratio Lower Upper  
 96 100  
 61 123.0 96.2 178.6  
 98 60.8 45.7 84.9

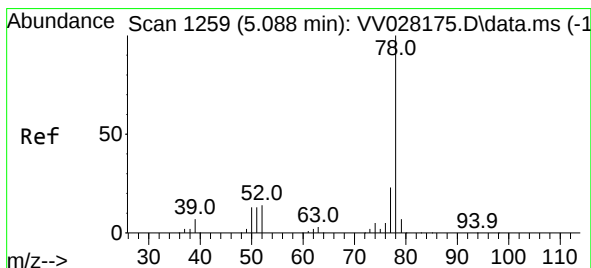
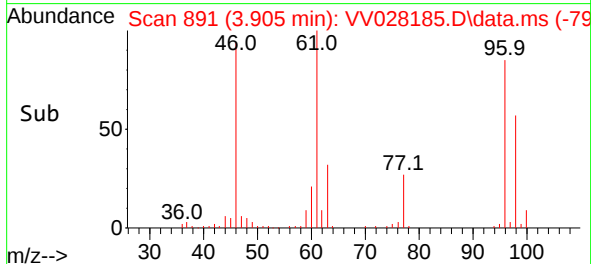
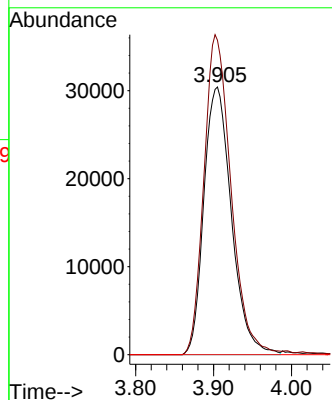
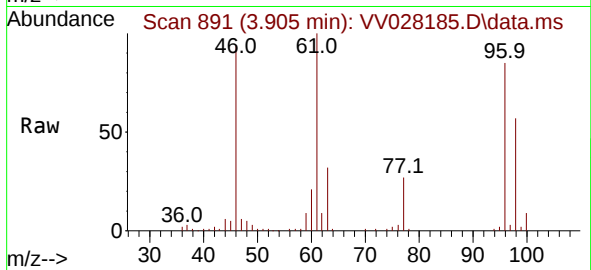




#22  
 cis-1,2-Dichloroethene  
 Concen: 6.882 ug/L  
 RT: 3.905 min Scan# 891  
 Delta R.T. 0.006 min  
 Lab File: VV028185.D  
 Acq: 29 Sep 2022 14:34

Instrument :  
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 EXFP9

Tgt Ion: 96 Resp: 74838  
 Ion Ratio Lower Upper  
 96 100  
 61 117.5 87.2 161.9  
 68 0.0 0.0 0.0



#33  
 Benzene  
 Concen: 0.172 ug/L  
 RT: 5.091 min Scan# 1260  
 Delta R.T. 0.003 min  
 Lab File: VV028185.D  
 Acq: 29 Sep 2022 14:34

Tgt Ion: 78 Resp: 6758

