

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW111122\  
 Data File : VW028906.D  
 Acq On : 12 Nov 2022 04:12  
 Operator : SY/MD  
 Sample : N5590-05  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GBMX6

Quant Time: Nov 14 00:23:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Nov 12 03:43:58 2022  
 Response via : Initial Calibration

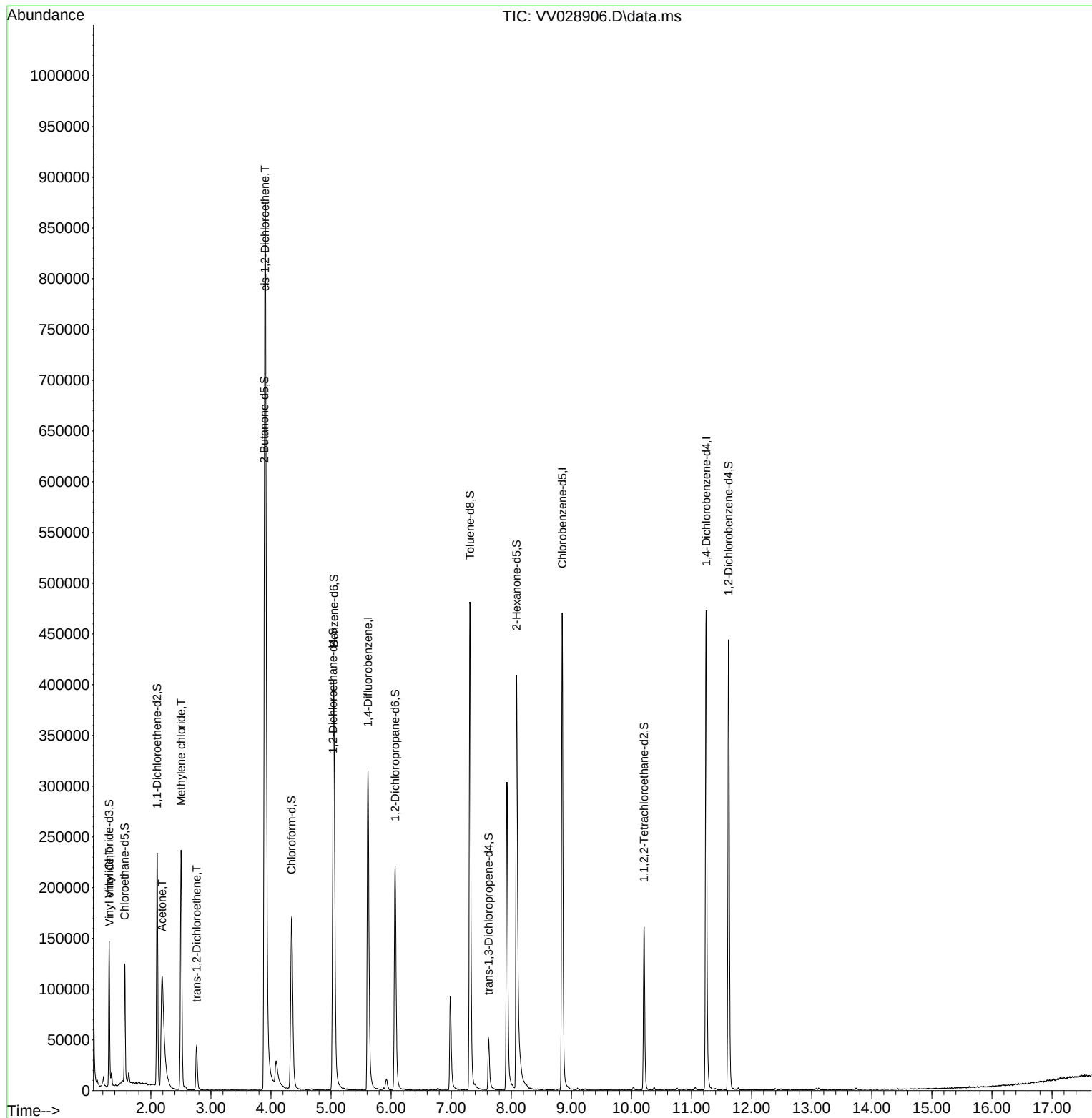
| Compound                      | R.T.   | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|---------|----------|----------|
| -----                         |        |                |          |         |          |          |
| Internal Standards            |        |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114            | 302385   | 5.000   | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.847  | 117            | 277422   | 5.000   | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.243 | 152            | 135249   | 5.000   | ug/L     | 0.00     |
|                               |        |                |          |         |          |          |
| System Monitoring Compounds   |        |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65             | 82323    | 4.466   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =       | 89.400%  |          |
| 7) Chloroethane-d5            | 1.565  | 69             | 77742    | 4.797   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =       | 96.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63             | 115694   | 3.444   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =       | 68.800%  |          |
| 20) 2-Butanone-d5             | 3.889  | 46             | 194401   | 62.996  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =       | 126.000% |          |
| 24) Chloroform-d              | 4.343  | 84             | 183999   | 4.861   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =       | 97.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65             | 87105    | 5.115   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =       | 102.400% |          |
| 32) Benzene-d6                | 5.047  | 84             | 393678   | 4.754   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =       | 95.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67             | 116224   | 5.026   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =       | 100.600% |          |
| 41) Toluene-d8                | 7.313  | 98             | 341460   | 4.581   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =       | 91.600%  |          |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79             | 33278    | 4.413   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =       | 88.200%  |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 175631   | 54.560  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =       | 109.120% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.210 | 84             | 82382    | 5.139   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =       | 102.800% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.616 | 152            | 123791   | 5.116   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =       | 102.400% |          |
|                               |        |                |          |         |          |          |
| Target Compounds              |        |                |          |         |          |          |
| 5) Vinyl chloride             | 1.311  | 62             | 21130    | 0.885   | ug/L     | 91       |
| 13) Acetone                   | 2.188  | 43             | 264701   | 133.346 | ug/L     | 83       |
| 16) Methylene chloride        | 2.503  | 84             | 105054   | 4.438   | ug/L     | 97       |
| 18) trans-1,2-Dichloroethene  | 2.761  | 96             | 17937    | 0.845   | ug/L     | 87       |
| 22) cis-1,2-Dichloroethene    | 3.902  | 96             | 487262   | 22.575  | ug/L     | 98       |
| -----                         |        |                |          |         |          |          |

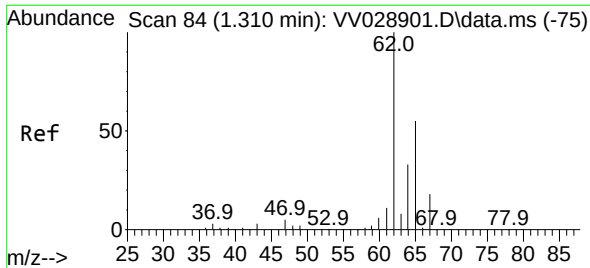
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 12 03:43:58 2022  
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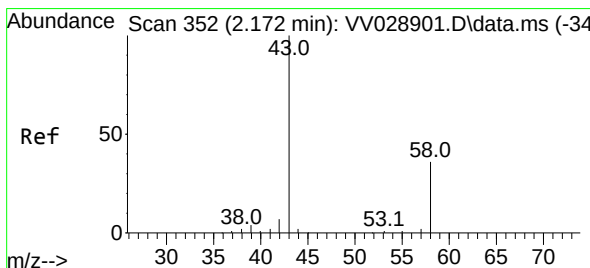
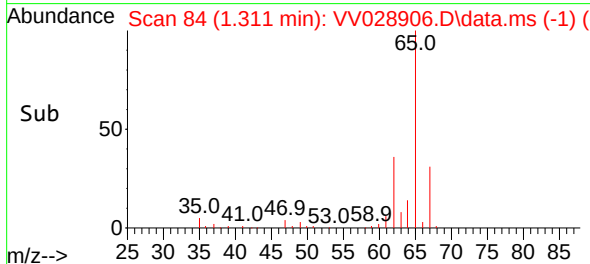
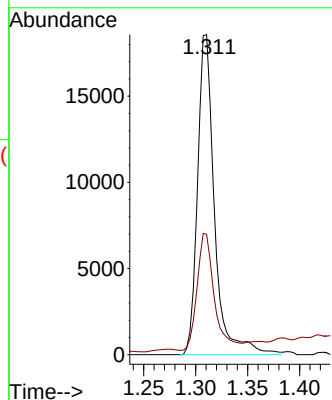
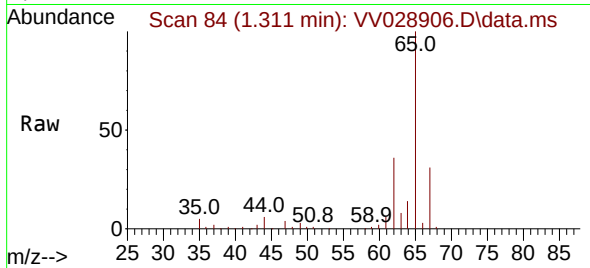




#5  
 Vinyl chloride  
 Concen: 0.885 ug/L  
 RT: 1.311 min Scan# 84  
 Delta R.T. 0.000 min  
 Lab File: VV028906.D  
 Acq: 12 Nov 2022 04:12

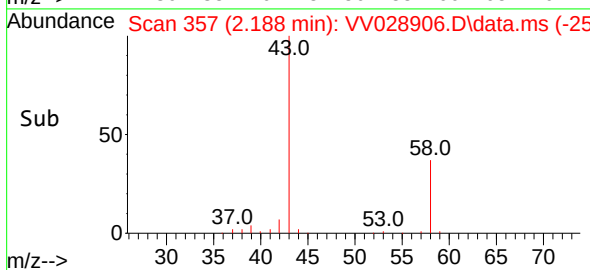
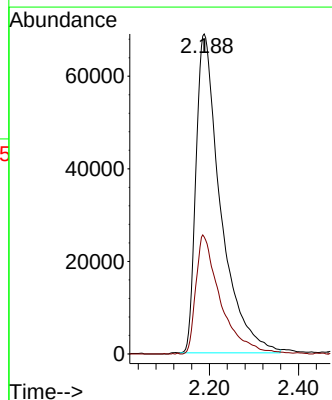
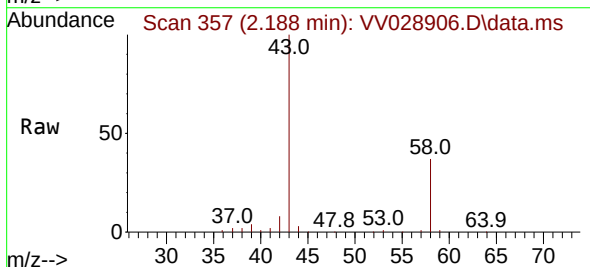
Instrument :  
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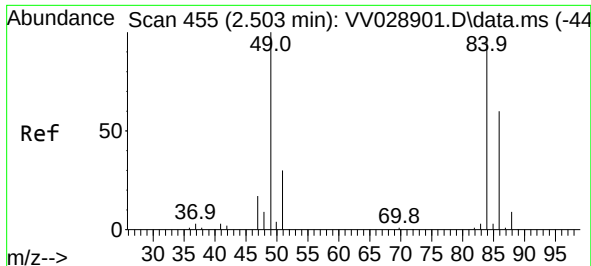
Tgt Ion: 62 Resp: 21130  
 Ion Ratio Lower Upper  
 62 100  
 64 37.6 22.8 42.4



#13  
 Acetone  
 Concen: 133.346 ug/L  
 RT: 2.188 min Scan# 357  
 Delta R.T. 0.016 min  
 Lab File: VV028906.D  
 Acq: 12 Nov 2022 04:12

Tgt Ion: 43 Resp: 264701  
 Ion Ratio Lower Upper  
 43 100  
 58 37.4 0.0 56.6

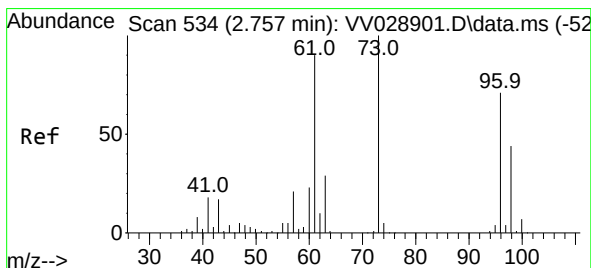
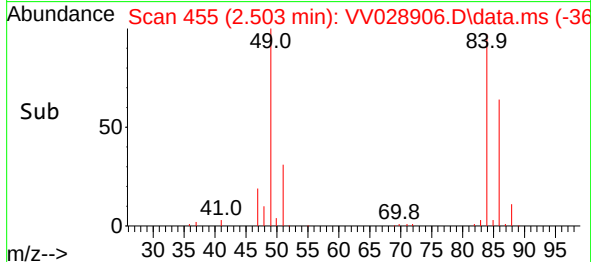
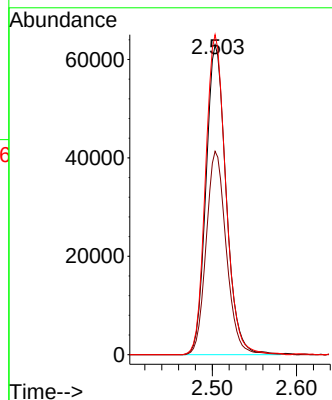
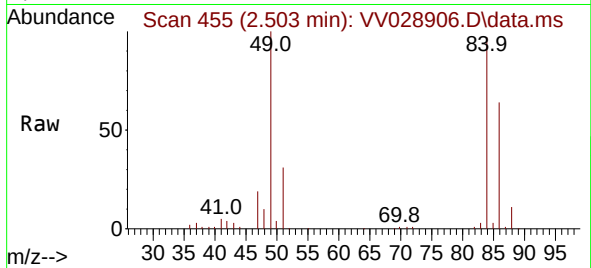




#16  
Methylene chloride  
Concen: 4.438 ug/L  
RT: 2.503 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VV028906.D  
Acq: 12 Nov 2022 04:12

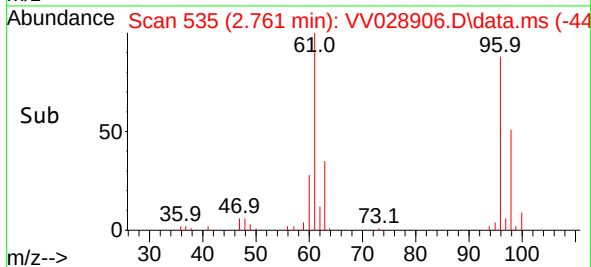
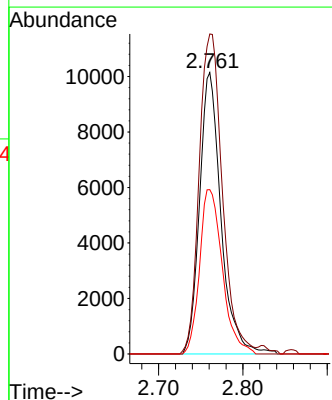
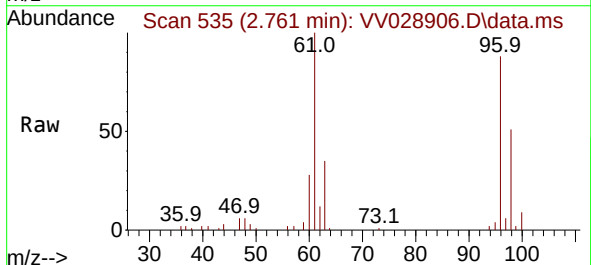
Instrument :  
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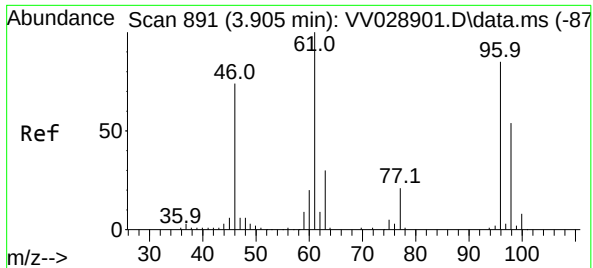
Tgt Ion: 84 Resp: 105054  
Ion Ratio Lower Upper  
84 100  
86 65.6 45.8 85.0  
49 103.3 75.5 140.1



#18  
trans-1,2-Dichloroethene  
Concen: 0.845 ug/L  
RT: 2.761 min Scan# 535  
Delta R.T. 0.003 min  
Lab File: VV028906.D  
Acq: 12 Nov 2022 04:12

Tgt Ion: 96 Resp: 17937  
Ion Ratio Lower Upper  
96 100  
61 113.7 91.8 170.6  
98 58.4 46.4 86.2





#22  
 cis-1,2-Dichloroethene  
 Concen: 22.575 ug/L  
 RT: 3.902 min Scan# 891  
 Delta R.T. -0.003 min  
 Lab File: VV028906.D  
 Acq: 12 Nov 2022 04:12

Instrument :  
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Tgt Ion: 96 Resp: 487262

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 115.6 | 82.3  | 152.9 |
| 68  | 0.0   | 0.0   | 0.0   |

