

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW060823\  
 Data File : VW031470.D  
 Acq On : 09 Jun 2023 00:28  
 Operator : SY/MD  
 Sample : 03106-10  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0FE2

Quant Time: Jun 09 06:54:42 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM060723WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 09 06:27:10 2023  
 Response via : Initial Calibration

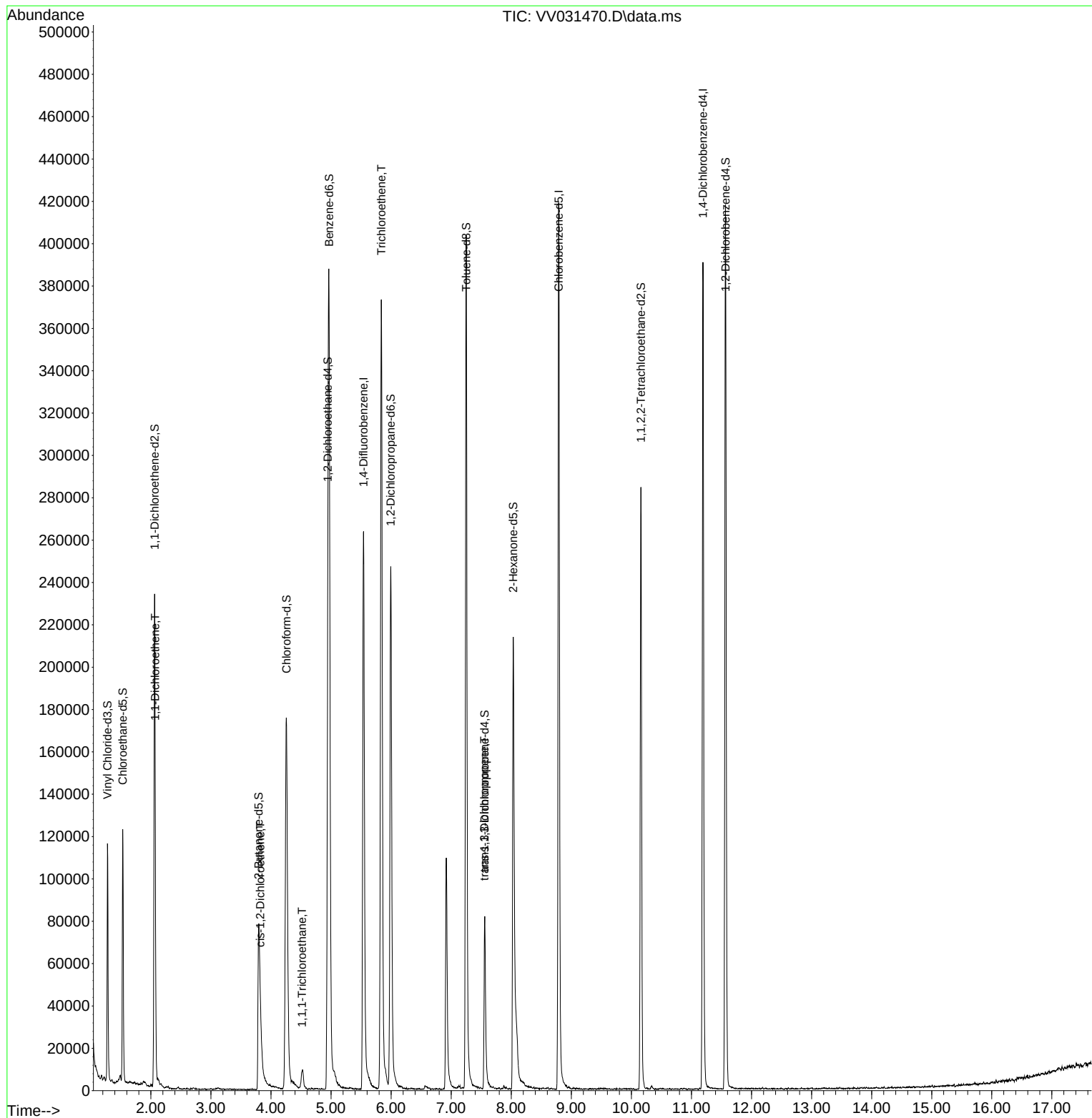
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.542   | 114   | 216959   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789   | 117   | 219938   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191  | 152   | 100411   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278   | 65    | 74251    | 38.898   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 77.800%  |
| 7) Chloroethane-d5            | 1.532   | 69    | 74960    | 48.504   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 97.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.063   | 65    | 39516    | 43.679   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 87.360%  |
| 21) 2-Butanone-d5             | 3.796   | 46    | 132660   | 96.163   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 96.160%  |
| 24) Chloroform-d              | 4.256   | 84    | 187103   | 51.529   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 103.060% |
| 26) 1,2-Dichloroethane-d4     | 4.947   | 65    | 127876   | 52.497   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 105.000% |
| 32) Benzene-d6                | 4.966   | 84    | 319955   | 49.274   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 98.540%  |
| 36) 1,2-Dichloropropane-d6    | 5.992   | 67    | 120108   | 53.214   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 106.420% |
| 41) Toluene-d8                | 7.249   | 98    | 264789   | 44.390   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 88.780%  |
| 43) trans-1,3-Dichloroprop... | 7.558   | 79    | 50199    | 44.153   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 88.300%  |
| 47) 2-Hexanone-d5             | 8.034   | 63    | 69410    | 81.649   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 81.650%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159  | 84    | 137677   | 48.334   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 96.660%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.567  | 152   | 106222   | 57.027   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 114.060% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.072   | 96    | 7617     | 8.800    | ug/L   | # 1      |
| 20) cis-1,2-Dichloroethene    | 3.821   | 96    | 4403     | 3.300    | ug/L   | 90       |
| 30) 1,1,1-Trichloroethane     | 4.516   | 97    | 7501     | 2.889    | ug/L   | 99       |
| 34) Trichloroethene           | 5.838   | 95    | 129815   | 84.906   | ug/L   | 97       |
| 44) trans-1,3-Dichloropropene | 7.554   | 75    | 2486     | 0.939    | ug/L   | 93       |
| -----                         |         |       |          |          |        |          |

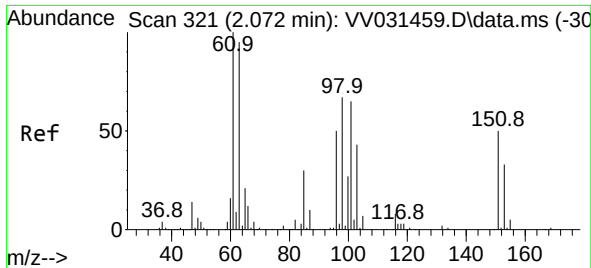
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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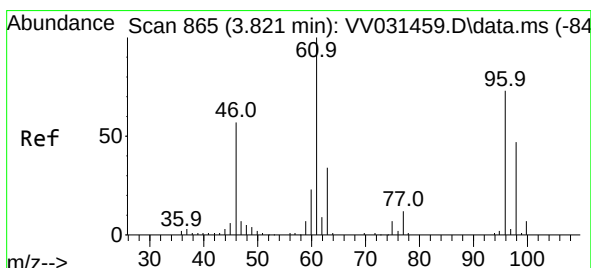
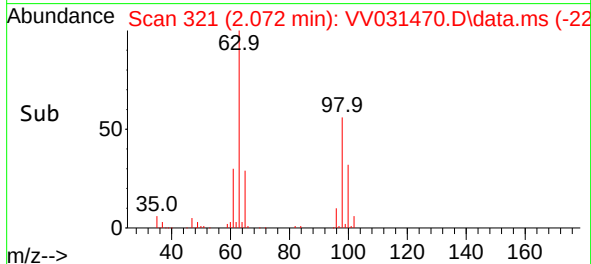
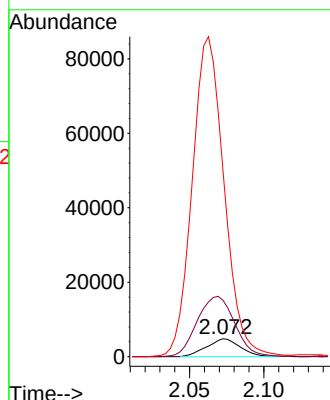
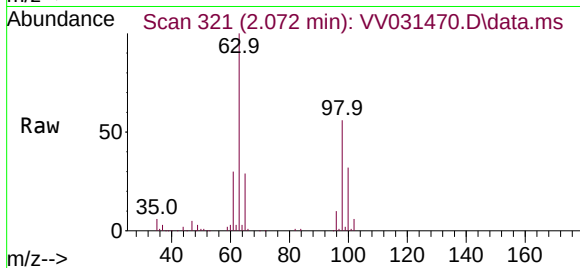




#12  
1,1-Dichloroethene  
Concen: 8.800 ug/L  
RT: 2.072 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VV031470.D  
Acq: 09 Jun 2023 00:28

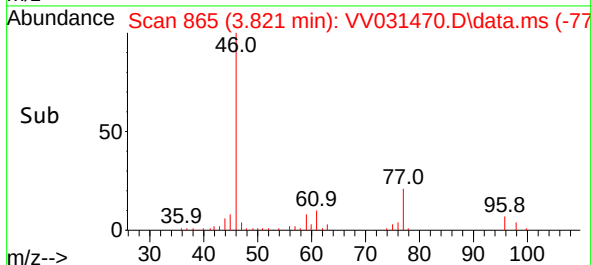
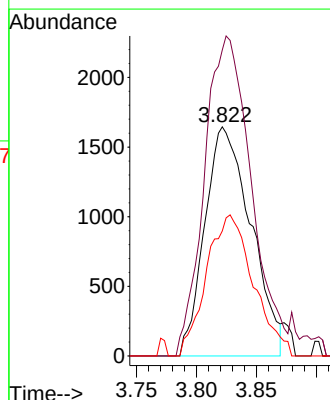
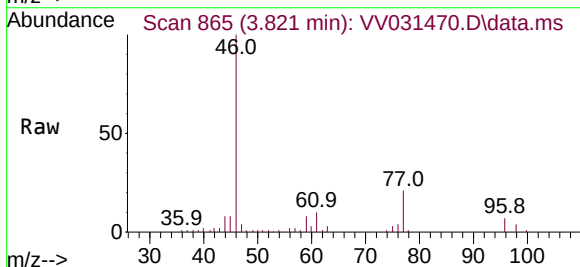
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0FE2

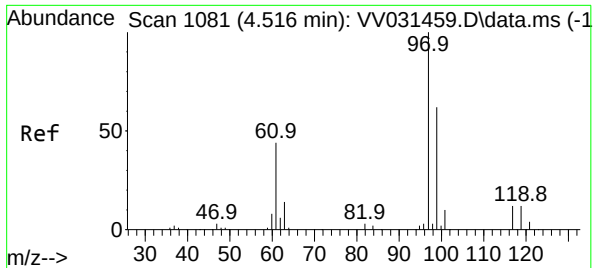
Tgt Ion: 96 Resp: 7617  
Ion Ratio Lower Upper  
96 100  
61 315.8 143.9 267.3#  
63 1044.3 158.3 293.9#



#20  
cis-1,2-Dichloroethene  
Concen: 3.300 ug/L  
RT: 3.821 min Scan# 865  
Delta R.T. 0.000 min  
Lab File: VV031470.D  
Acq: 09 Jun 2023 00:28

Tgt Ion: 96 Resp: 4403  
Ion Ratio Lower Upper  
96 100  
61 133.6 101.6 188.6  
98 54.5 44.4 82.4

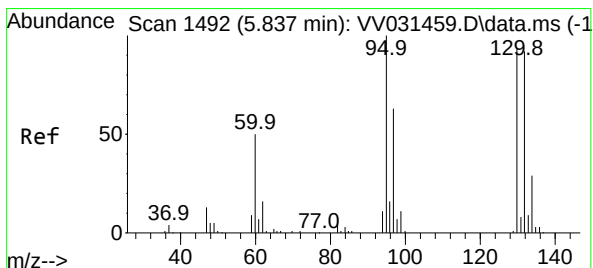
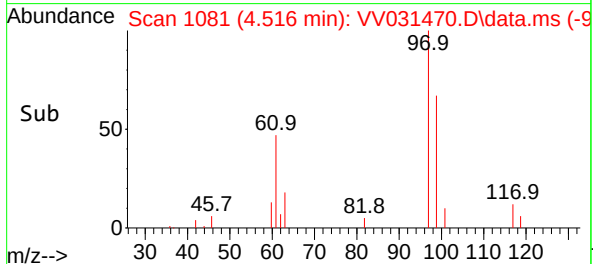
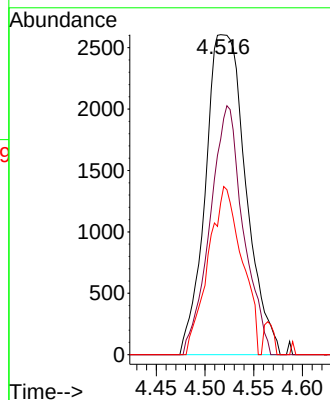
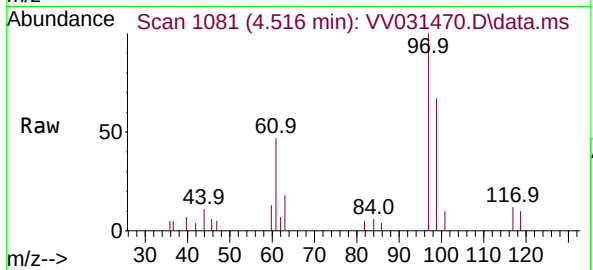




#30  
1,1,1-Trichloroethane  
Concen: 2.889 ug/L  
RT: 4.516 min Scan# 1081  
Delta R.T. 0.000 min  
Lab File: VV031470.D  
Acq: 09 Jun 2023 00:28

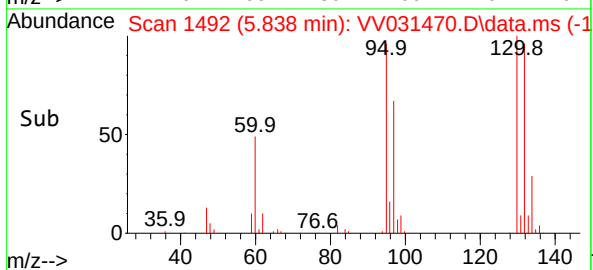
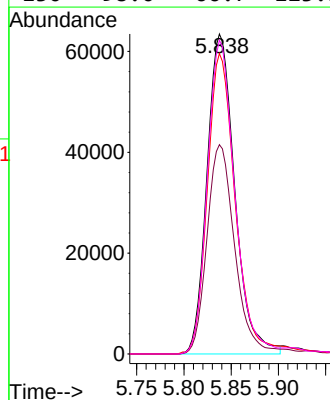
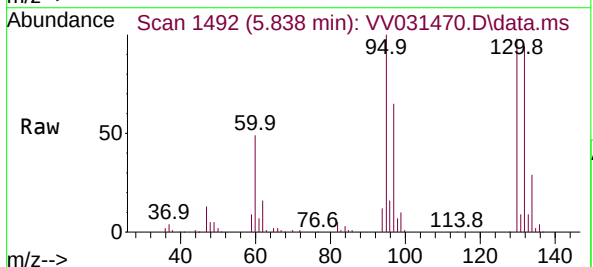
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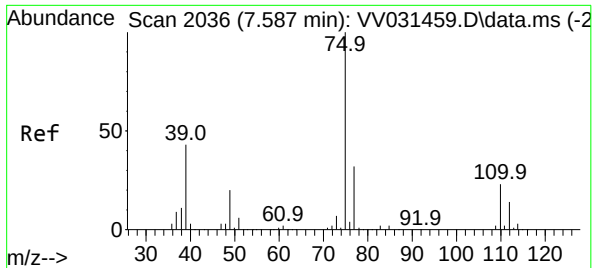
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 7501  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 64.4  | 51.9  | 77.9  |
| 61       | 43.8  | 36.1  | 54.1  |



#34  
Trichloroethene  
Concen: 84.906 ug/L  
RT: 5.838 min Scan# 1492  
Delta R.T. 0.000 min  
Lab File: VV031470.D  
Acq: 09 Jun 2023 00:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 129815 |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 97       | 65.4  | 44.2  | 82.0   |
| 132      | 93.9  | 64.2  | 119.2  |
| 130      | 98.0  | 66.7  | 123.9  |





#44  
 trans-1,3-Dichloropropene  
 Concen: 0.939 ug/L  
 RT: 7.554 min Scan# 20  
 Delta R.T. -0.032 min  
 Lab File: VV031470.D  
 Acq: 09 Jun 2023 00:28

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0FE2

Tgt Ion: 75 Resp: 2486  
 Ion Ratio Lower Upper  
 75 100  
 77 35.5 22.2 41.2

