

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW041923\  
 Data File : VW030699.D  
 Acq On : 20 Apr 2023 05:21  
 Operator : SY/MD  
 Sample : 02411-18 100X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Apr 20 06:55:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM041723WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 20 02:25:10 2023  
 Response via : Initial Calibration

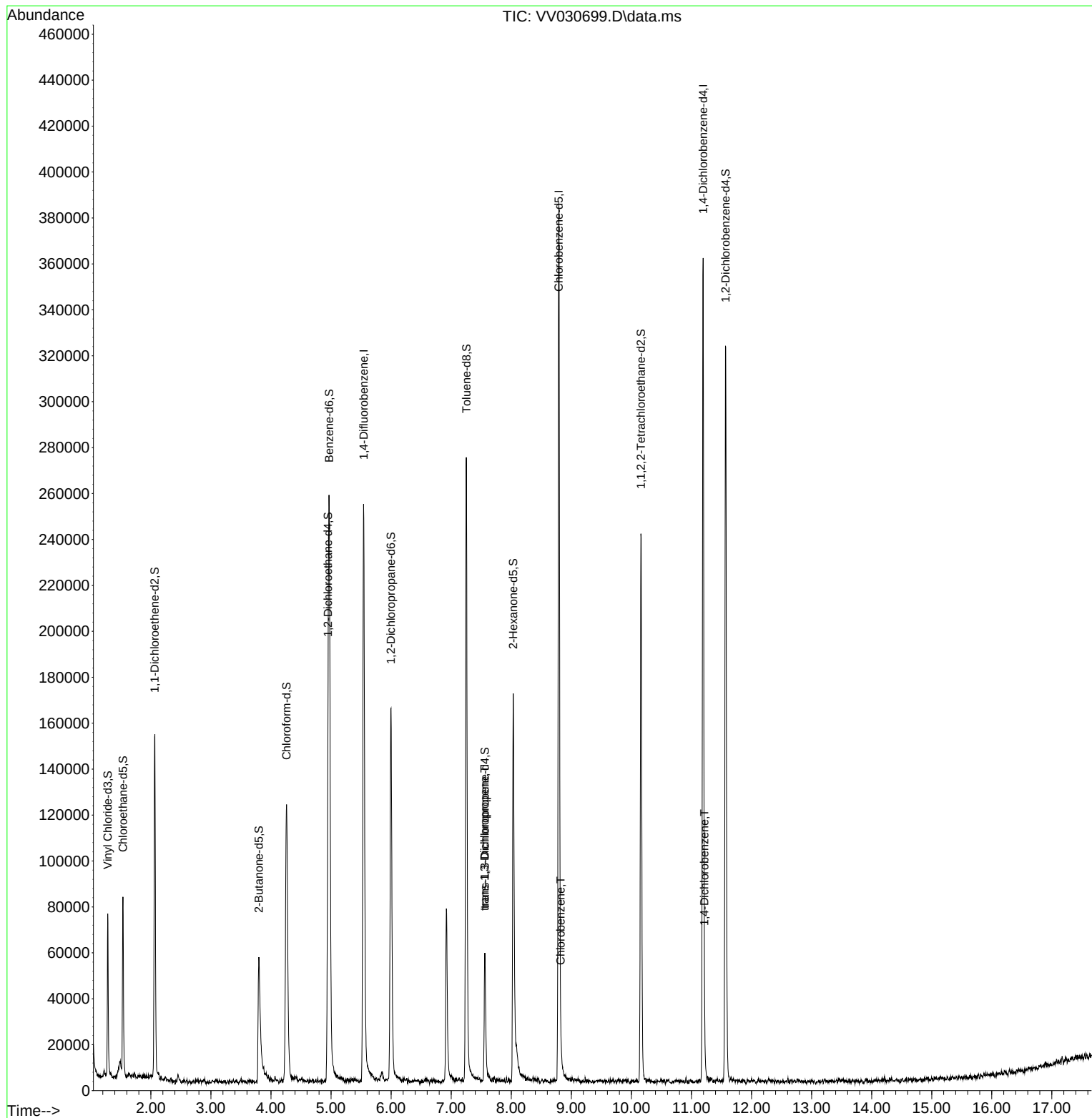
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.542   | 114   | 209680   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.793   | 117   | 202813   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194  | 152   | 95830    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.282   | 65    | 45837    | 29.820   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 59.640%# |
| 7) Chloroethane-d5            | 1.536   | 69    | 45919    | 35.649   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 71.300%  |
| 11) 1,1-Dichloroethene-d2     | 2.063   | 65    | 25851    | 35.463   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 70.920%  |
| 21) 2-Butanone-d5             | 3.799   | 46    | 89416    | 105.909  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 105.910% |
| 24) Chloroform-d              | 4.259   | 84    | 123369   | 44.288   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 88.580%  |
| 26) 1,2-Dichloroethane-d4     | 4.950   | 65    | 87653    | 48.943   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 97.880%  |
| 32) Benzene-d6                | 4.970   | 84    | 210297   | 43.857   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 87.720%  |
| 36) 1,2-Dichloropropane-d6    | 5.998   | 67    | 71634    | 48.093   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 96.180%  |
| 41) Toluene-d8                | 7.252   | 98    | 174525   | 38.765   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 77.540%# |
| 43) trans-1,3-Dichloroprop... | 7.561   | 79    | 31146    | 41.488   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 82.980%  |
| 47) 2-Hexanone-d5             | 8.034   | 63    | 55902    | 95.272   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 95.270%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159  | 84    | 104766   | 48.474   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 96.940%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.571  | 152   | 81580    | 53.559   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 107.120% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 44) trans-1,3-Dichloropropene | 7.558   | 75    | 2055     | 0.841    | ug/L # | 59       |
| 51) Chlorobenzene             | 8.822   | 112   | 2689     | 0.615    | ug/L # | 85       |
| 65) 1,4-Dichlorobenzene       | 11.217  | 146   | 2237     | 0.709    | ug/L # | 80       |
| -----                         |         |       |          |          |        |          |

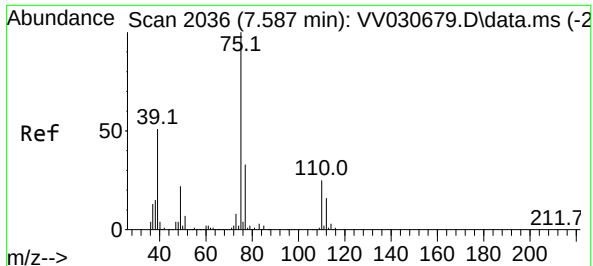
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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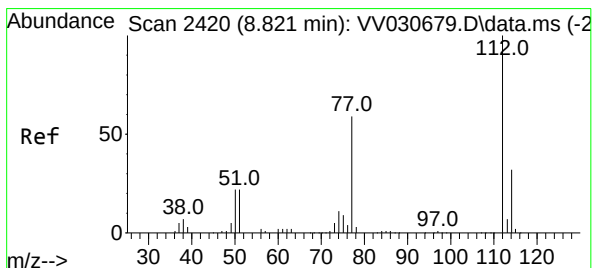
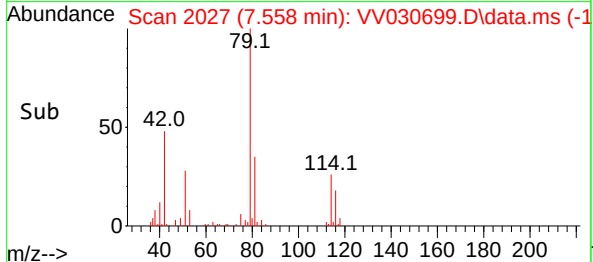
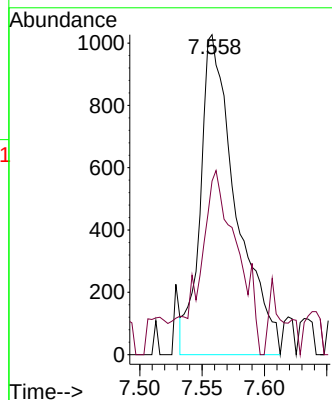
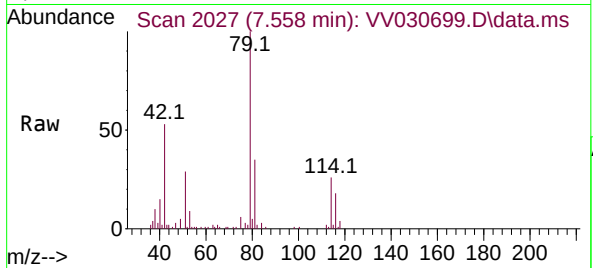




#44  
trans-1,3-Dichloropropene  
Concen: 0.841 ug/L  
RT: 7.558 min Scan# 2036  
Delta R.T. -0.029 min  
Lab File: VV030699.D  
Acq: 20 Apr 2023 05:21

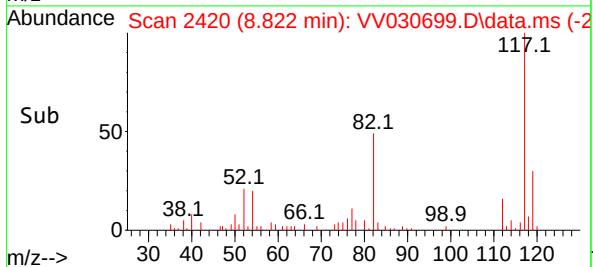
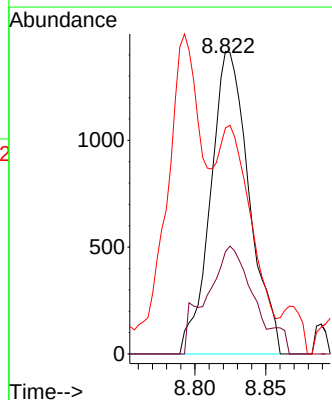
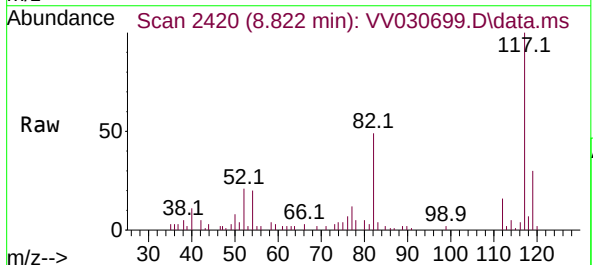
Instrument :  
MSVOA\_V  
ClientSampleId :

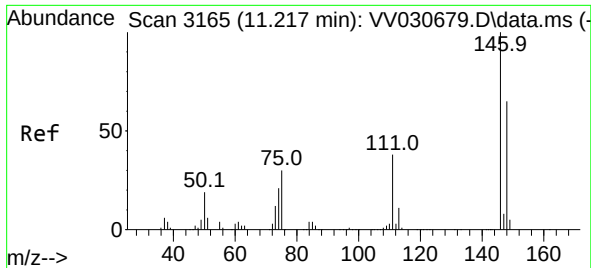
Tgt Ion: 75 Resp: 2055  
Ion Ratio Lower Upper  
75 100  
77 54.2 22.1 41.1#



#51  
Chlorobenzene  
Concen: 0.615 ug/L  
RT: 8.822 min Scan# 2420  
Delta R.T. 0.000 min  
Lab File: VV030699.D  
Acq: 20 Apr 2023 05:21

Tgt Ion: 112 Resp: 2689  
Ion Ratio Lower Upper  
112 100  
114 33.8 22.4 41.6  
77 74.7 47.4 71.0#





#65

1,4-Dichlorobenzene

Concen: 0.709 ug/L

RT: 11.217 min Scan# 31

Delta R.T. 0.000 min

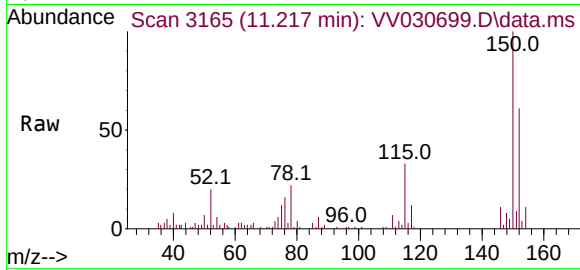
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Instrument :

MSVOA\_V

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 2237  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 62.9  | 26.5  | 49.1# |
| 148      | 69.1  | 44.7  | 83.1  |

