

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW041923\  
 Data File : VW030659.D  
 Acq On : 19 Apr 2023 12:30  
 Operator : SY/MD  
 Sample : VW0419WBL01  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Apr 20 01:27:36 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM041723WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 20 01:26:42 2023  
 Response via : Initial Calibration

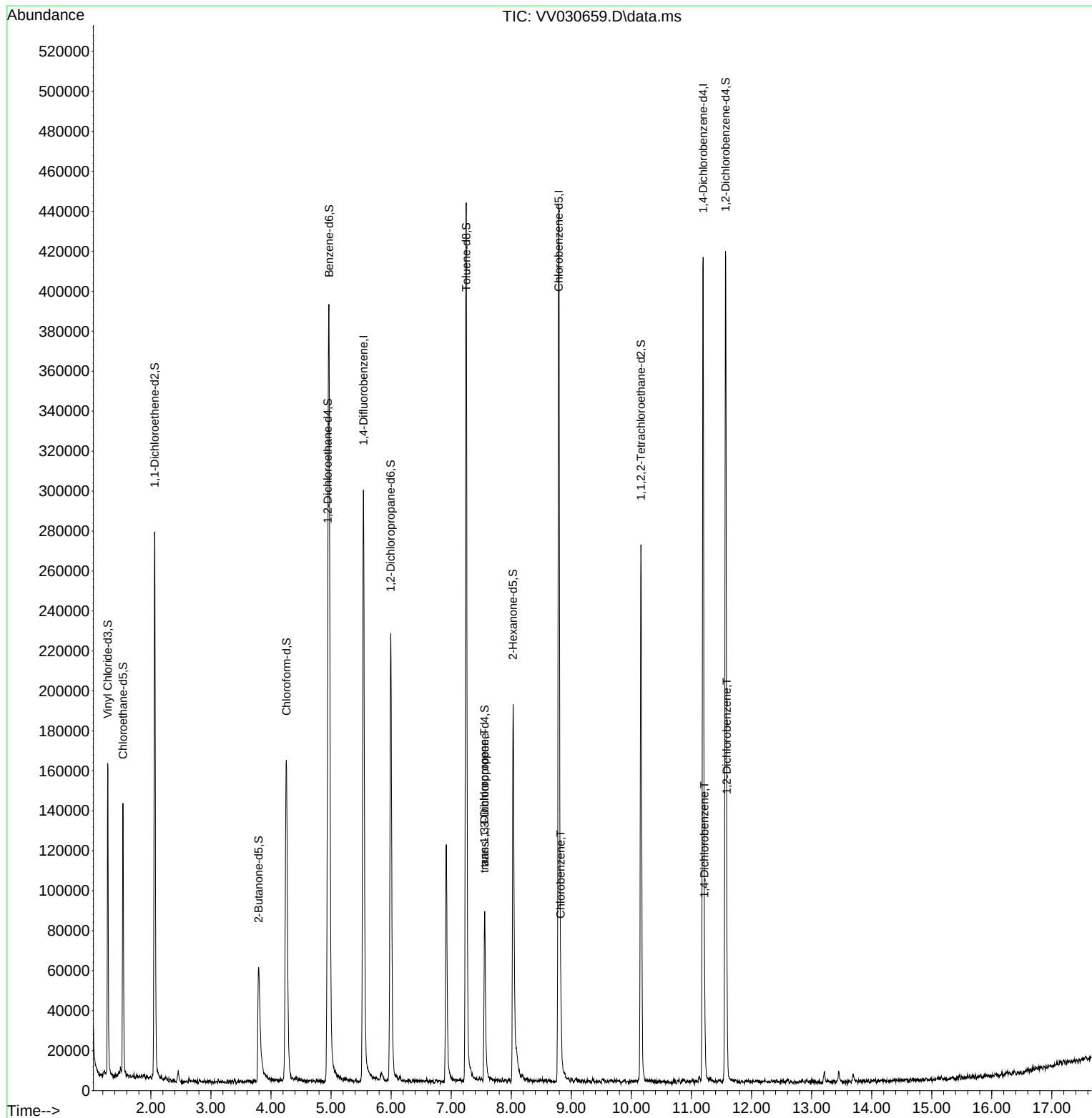
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.539   | 114   | 248001   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789   | 117   | 232726   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194  | 152   | 108627   | 50.000   | ug/L   | 0.00     |
|                               |         |       |          |          |        |          |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.281   | 65    | 102005   | 56.107   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 112.220% |
| 7) Chloroethane-d5            | 1.535   | 69    | 81396    | 53.427   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 106.860% |
| 11) 1,1-Dichloroethene-d2     | 2.063   | 65    | 46078    | 53.444   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 106.880% |
| 21) 2-Butanone-d5             | 3.793   | 46    | 100808   | 100.952  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 100.950% |
| 24) Chloroform-d              | 4.256   | 84    | 170027   | 51.606   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 103.220% |
| 26) 1,2-Dichloroethane-d4     | 4.947   | 65    | 116794   | 55.137   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 110.280% |
| 32) Benzene-d6                | 4.966   | 84    | 324443   | 58.965   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 117.920% |
| 36) 1,2-Dichloropropane-d6    | 5.992   | 67    | 98012    | 57.345   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 114.700% |
| 41) Toluene-d8                | 7.249   | 98    | 284936   | 55.155   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 110.300% |
| 43) trans-1,3-Dichloroprop... | 7.558   | 79    | 47919    | 55.626   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 111.260% |
| 47) 2-Hexanone-d5             | 8.030   | 63    | 63493    | 94.301   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 94.300%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159  | 84    | 120199   | 48.466   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 96.940%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.570  | 152   | 103426   | 59.902   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 119.800% |
|                               |         |       |          |          |        |          |
| Target Compounds              |         |       |          |          |        | Qvalue   |
| 44) trans-1,3-Dichloropropene | 7.555   | 75    | 2294     | 0.818    | ug/L   | 94       |
| 51) Chlorobenzene             | 8.821   | 112   | 18076    | 3.606    | ug/L   | 97       |
| 65) 1,4-Dichlorobenzene       | 11.217  | 146   | 10070    | 2.816    | ug/L   | 92       |
| 67) 1,2-Dichlorobenzene       | 11.587  | 146   | 7638     | 2.232    | ug/L # | 87       |
| -----                         |         |       |          |          |        |          |

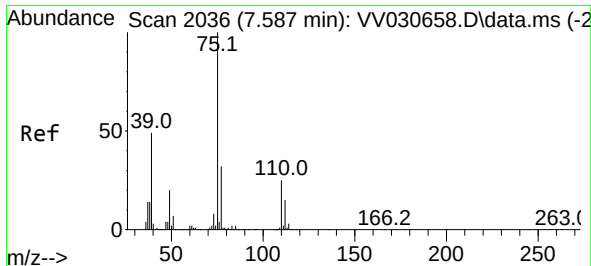
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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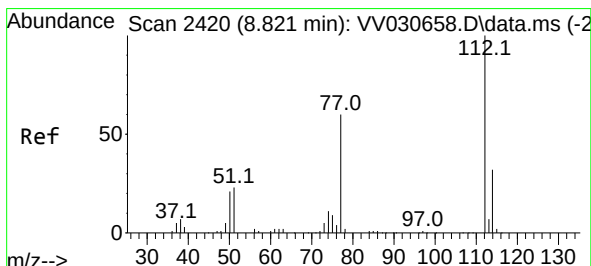
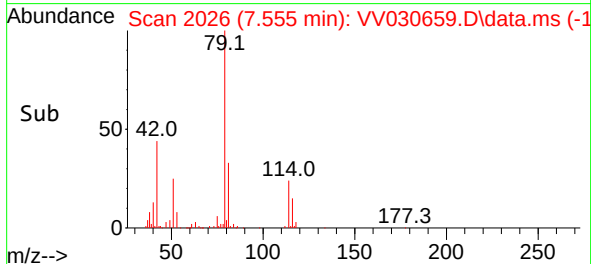
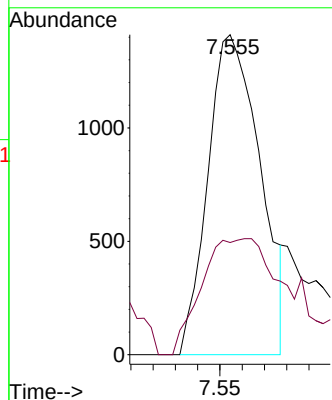
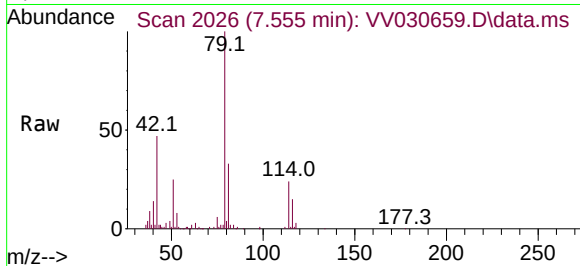




#44  
trans-1,3-Dichloropropene  
Concen: 0.818 ug/L  
RT: 7.555 min Scan# 2036  
Delta R.T. -0.032 min  
Lab File: VV030659.D  
Acq: 19 Apr 2023 12:30

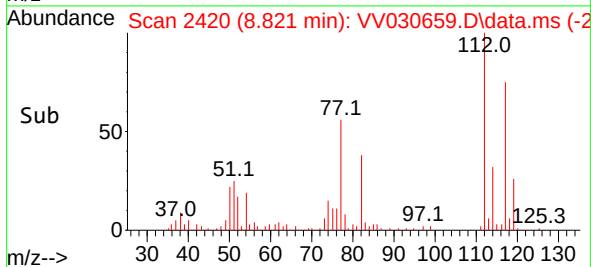
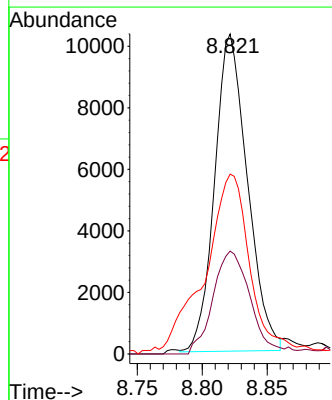
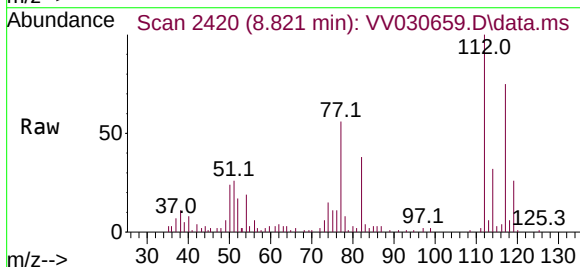
Instrument :  
MSVOA\_V  
ClientSampleId :

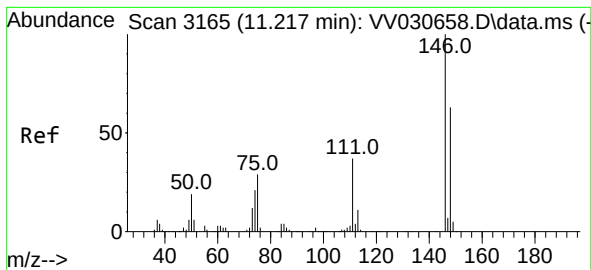
Tgt Ion: 75 Resp: 2294  
Ion Ratio Lower Upper  
75 100  
77 35.1 22.1 41.1



#51  
Chlorobenzene  
Concen: 3.606 ug/L  
RT: 8.821 min Scan# 2420  
Delta R.T. 0.000 min  
Lab File: VV030659.D  
Acq: 19 Apr 2023 12:30

Tgt Ion: 112 Resp: 18076  
Ion Ratio Lower Upper  
112 100  
114 32.2 22.4 41.6  
77 56.2 47.4 71.0





#65

1,4-Dichlorobenzene

Concen: 2.816 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. 0.000 min

Lab File: VV030659.D

Acq: 19 Apr 2023 12:30

Instrument :

MSVOA\_V

ClientSampleId :

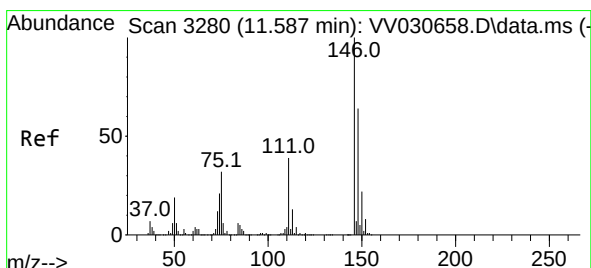
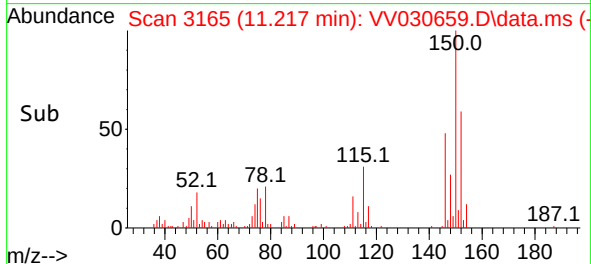
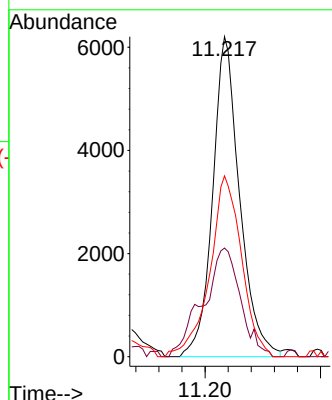
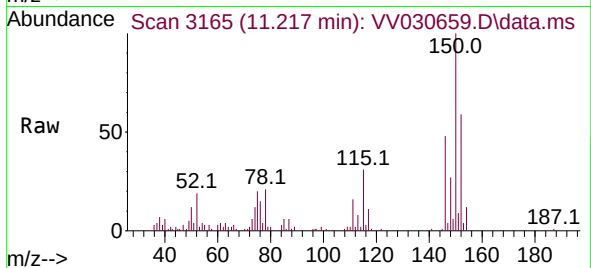
Tgt Ion:146 Resp: 10070

Ion Ratio Lower Upper

146 100

111 34.0 26.5 49.1

148 56.5 44.7 83.1



#67

1,2-Dichlorobenzene

Concen: 2.232 ug/L

RT: 11.587 min Scan# 3280

Delta R.T. 0.000 min

Lab File: VV030659.D

Acq: 19 Apr 2023 12:30

Tgt Ion:146 Resp: 7638

Ion Ratio Lower Upper

146 100

111 44.9 32.0 48.0

148 76.1 50.6 76.0#

