

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW042123\  
 Data File : VW030758.D  
 Acq On : 21 Apr 2023 12:32  
 Operator : SY/MD  
 Sample : 02398-09  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COMPO

Quant Time: Apr 22 00:44:53 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM041723WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 22 00:43:23 2023  
 Response via : Initial Calibration

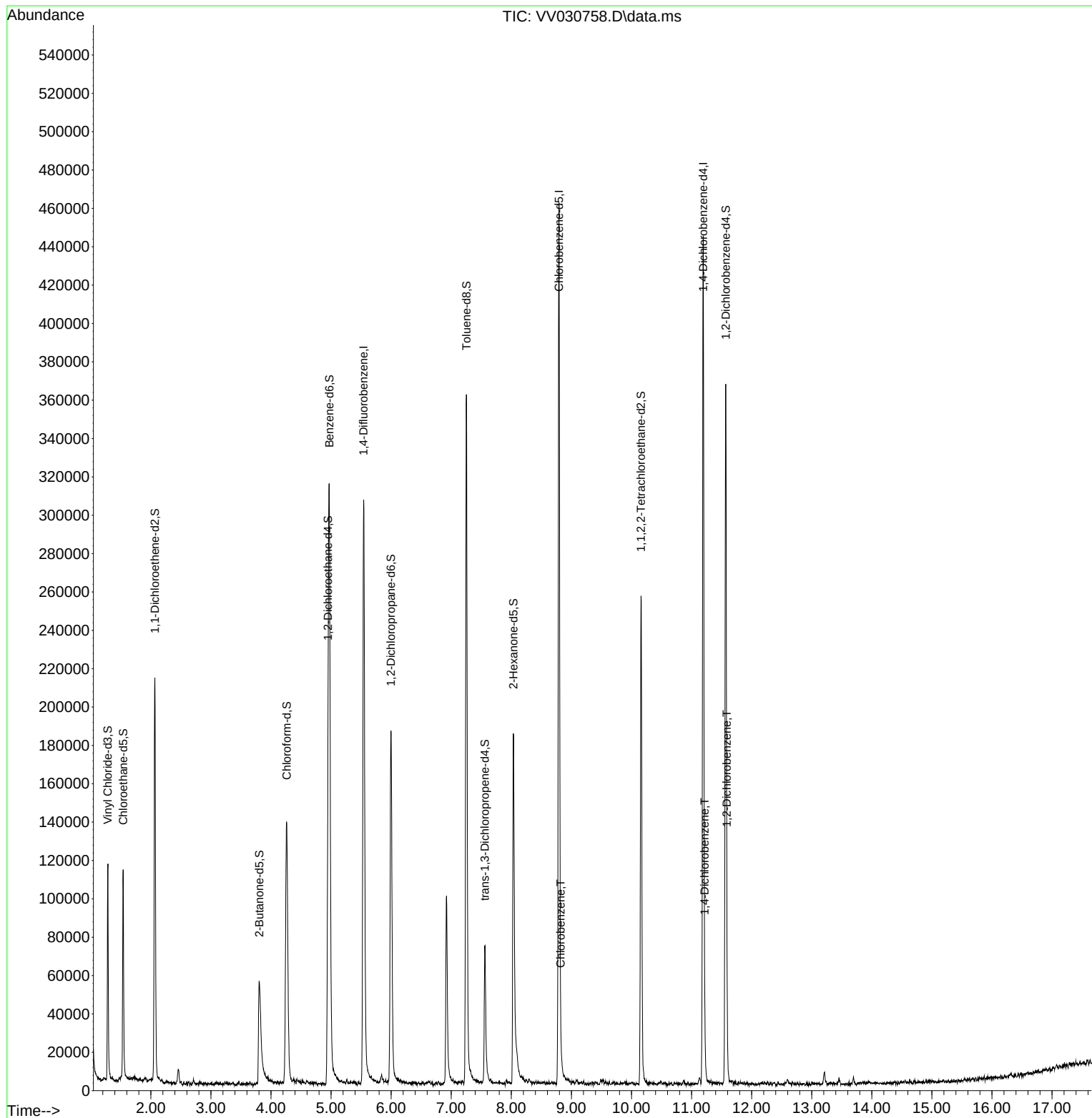
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.542   | 114   | 258025   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.793   | 117   | 246274   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194  | 152   | 118169   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.282   | 65    | 72493    | 38.325   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 76.660%  |
| 7) Chloroethane-d5            | 1.539   | 69    | 64137    | 40.463   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 80.920%  |
| 11) 1,1-Dichloroethene-d2     | 2.066   | 65    | 36537    | 40.731   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 81.460%  |
| 21) 2-Butanone-d5             | 3.806   | 46    | 99708    | 95.971   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 95.970%  |
| 24) Chloroform-d              | 4.262   | 84    | 141966   | 41.415   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 82.840%  |
| 26) 1,2-Dichloroethane-d4     | 4.950   | 65    | 101335   | 45.981   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 91.960%  |
| 32) Benzene-d6                | 4.970   | 84    | 263647   | 45.280   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 90.560%  |
| 36) 1,2-Dichloropropane-d6    | 5.995   | 67    | 80659    | 44.596   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 89.200%  |
| 41) Toluene-d8                | 7.252   | 98    | 233943   | 42.793   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 85.580%  |
| 43) trans-1,3-Dichloroprop... | 7.561   | 79    | 40893    | 44.859   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 89.720%  |
| 47) 2-Hexanone-d5             | 8.034   | 63    | 63227    | 88.740   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 88.740%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159  | 84    | 112881   | 43.011   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 86.020%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.571  | 152   | 92900    | 49.461   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 98.920%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 51) Chlorobenzene             | 8.821   | 112   | 2964     | 0.559    | ug/L   | 97       |
| 65) 1,4-Dichlorobenzene       | 11.217  | 146   | 4421     | 1.136    | ug/L   | 94       |
| 67) 1,2-Dichlorobenzene       | 11.587  | 146   | 5010     | 1.346    | ug/L # | 93       |
| -----                         |         |       |          |          |        |          |

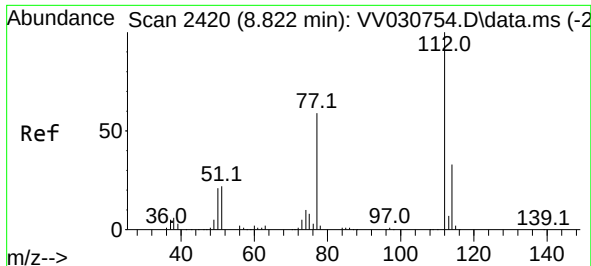
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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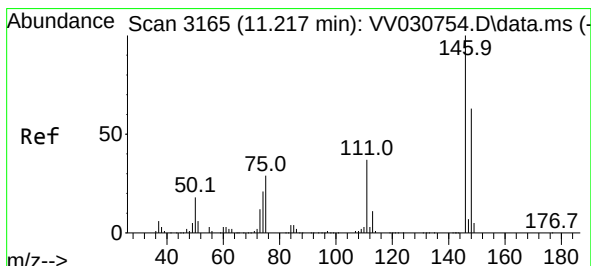
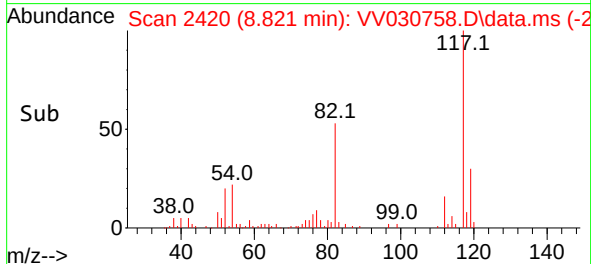
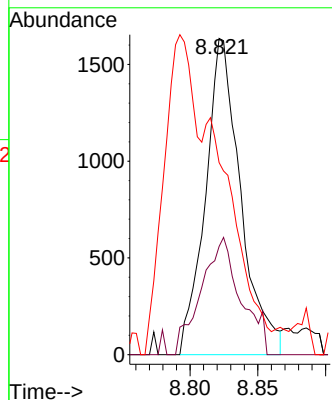
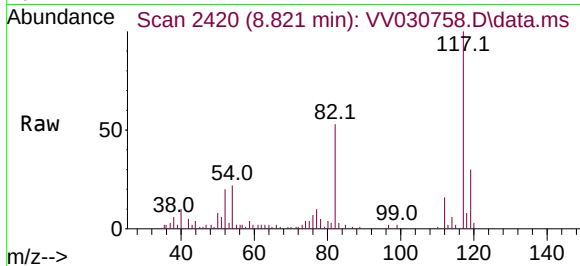




#51  
Chlorobenzene  
Concen: 0.559 ug/L  
RT: 8.821 min Scan# 2420  
Delta R.T. -0.000 min  
Lab File: VV030758.D  
Acq: 21 Apr 2023 12:32

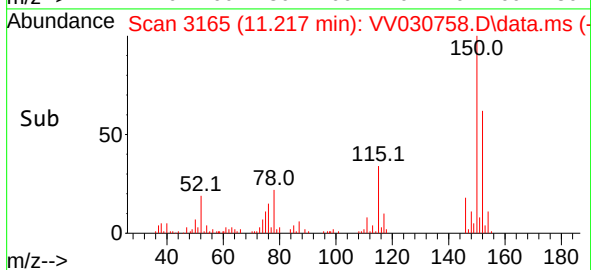
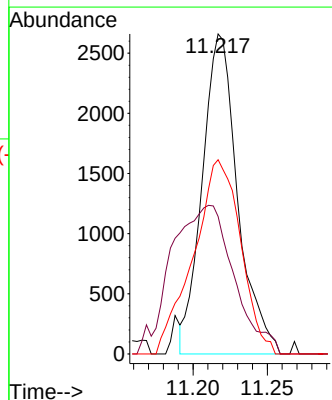
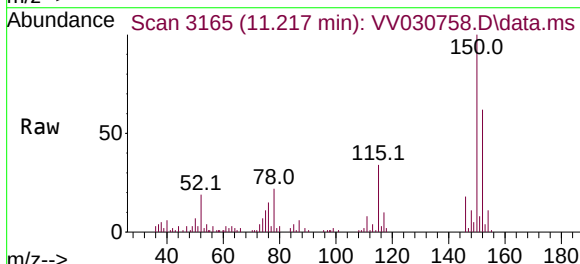
Instrument :  
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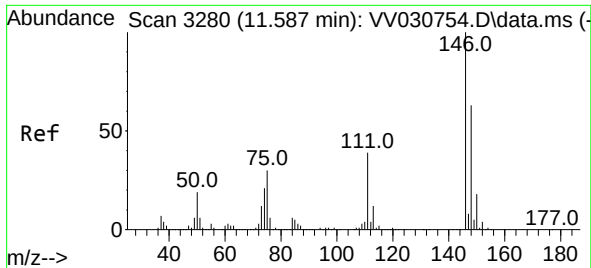
Tgt Ion:112 Resp: 2964  
Ion Ratio Lower Upper  
112 100  
114 34.2 22.4 41.6  
77 60.7 47.4 71.0



#65  
1,4-Dichlorobenzene  
Concen: 1.136 ug/L  
RT: 11.217 min Scan# 3165  
Delta R.T. -0.000 min  
Lab File: VV030758.D  
Acq: 21 Apr 2023 12:32

Tgt Ion:146 Resp: 4421  
Ion Ratio Lower Upper  
146 100  
111 42.9 26.5 49.1  
148 60.7 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 1.346 ug/L

RT: 11.587 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030758.D

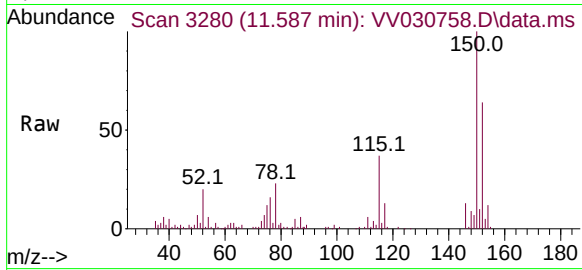
Acq: 21 Apr 2023 12:32

Instrument :

MSVOA\_V

ClientSampleId :

COMP0



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 5010  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 48.4  | 32.0  | 48.0# |
| 148      | 64.9  | 50.6  | 76.0  |

