

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW042023\  
 Data File : VW030736.D  
 Acq On : 20 Apr 2023 23:16  
 Operator : SY/MD  
 Sample : 02440-05 100X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COMQ0

Quant Time: Apr 21 06:13:32 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM041723WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 21 01:37:39 2023  
 Response via : Initial Calibration

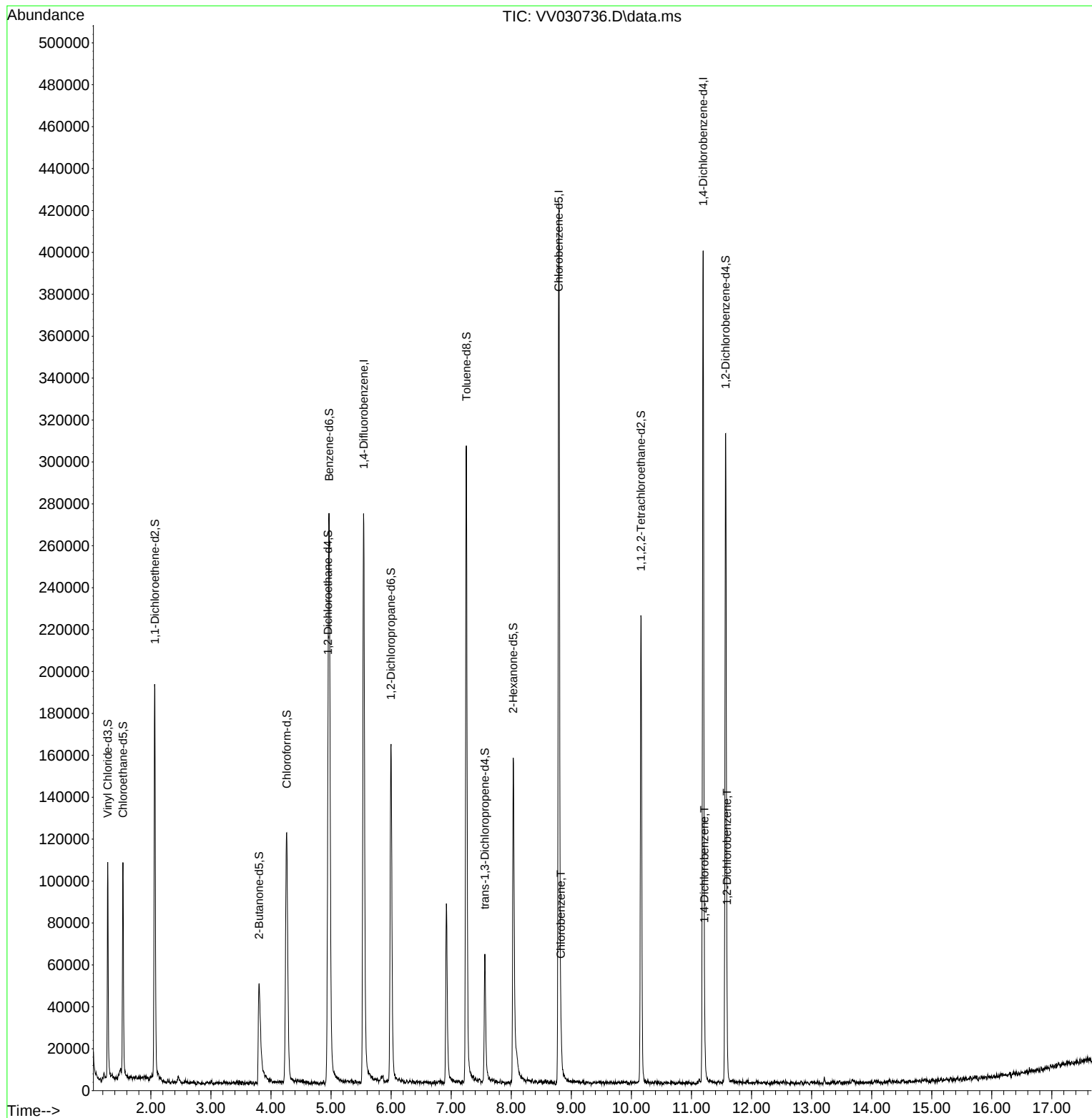
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.542   | 114   | 228208   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.792   | 117   | 220518   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194  | 152   | 104919   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.282   | 65    | 69157    | 41.339   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 82.680%  |
| 7) Chloroethane-d5            | 1.536   | 69    | 59165    | 42.203   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 84.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.066   | 65    | 32465    | 40.921   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 81.840%  |
| 21) 2-Butanone-d5             | 3.802   | 46    | 83841    | 91.243   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 91.240%  |
| 24) Chloroform-d              | 4.262   | 84    | 124118   | 40.939   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 81.880%  |
| 26) 1,2-Dichloroethane-d4     | 4.950   | 65    | 89242    | 45.784   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 91.560%  |
| 32) Benzene-d6                | 4.969   | 84    | 226267   | 43.399   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 86.800%  |
| 36) 1,2-Dichloropropane-d6    | 5.998   | 67    | 70703    | 43.657   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 87.320%  |
| 41) Toluene-d8                | 7.252   | 98    | 194276   | 39.688   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 79.380%# |
| 43) trans-1,3-Dichloroprop... | 7.561   | 79    | 34593    | 42.380   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 84.760%  |
| 47) 2-Hexanone-d5             | 8.034   | 63    | 52399    | 82.132   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 82.130%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159  | 84    | 98471    | 41.903   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 83.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.570  | 152   | 79120    | 47.444   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 94.880%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 51) Chlorobenzene             | 8.825   | 112   | 9407     | 1.980    | ug/L   | 93       |
| 65) 1,4-Dichlorobenzene       | 11.217  | 146   | 2820     | 0.816    | ug/L   | 93       |
| 67) 1,2-Dichlorobenzene       | 11.590  | 146   | 3187     | 0.964    | ug/L # | 78       |
| -----                         |         |       |          |          |        |          |

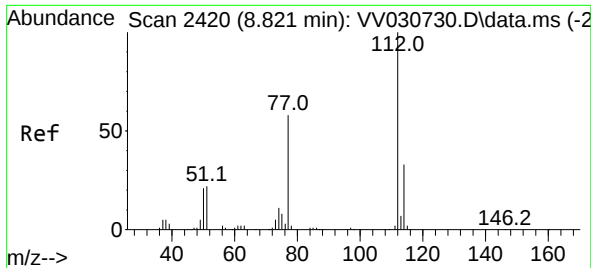
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV042023\  
Data File : VV030736.D  
Acq On : 20 Apr 2023 23:16  
Operator : SY/MD  
Sample : 02440-05 100X  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
COMQ0

Quant Time: Apr 21 06:13:32 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM041723WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Apr 21 01:37:39 2023  
Response via : Initial Calibration

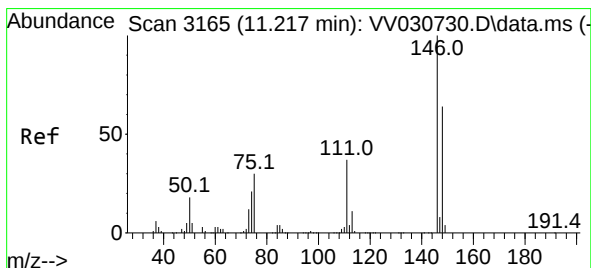
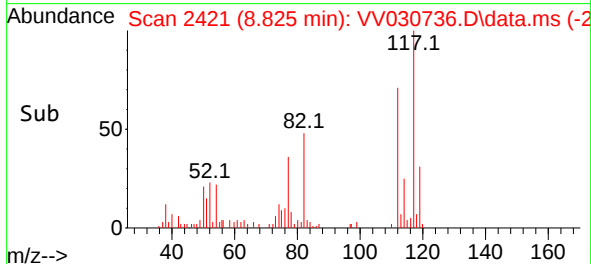
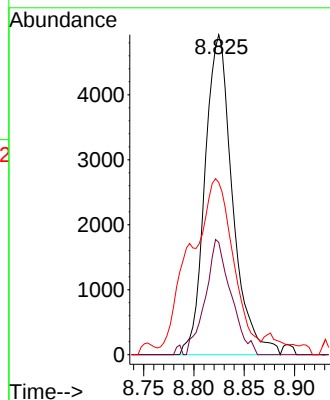
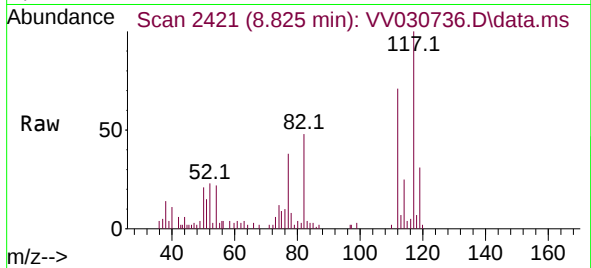




#51  
Chlorobenzene  
Concen: 1.980 ug/L  
RT: 8.825 min Scan# 2420  
Delta R.T. 0.003 min  
Lab File: VV030736.D  
Acq: 20 Apr 2023 23:16

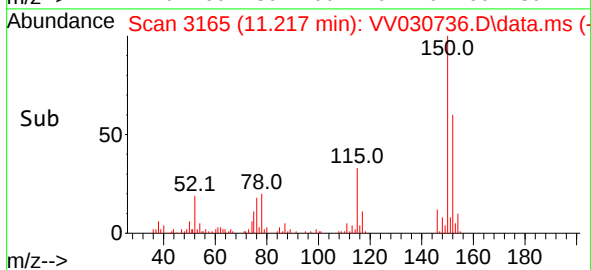
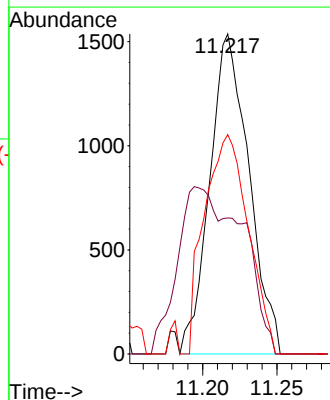
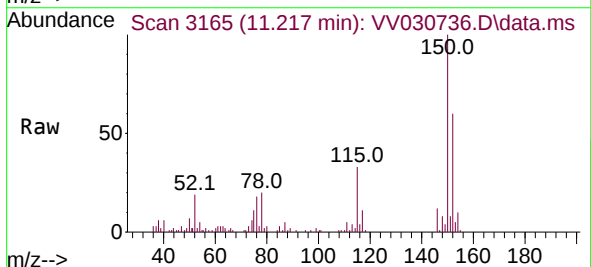
Instrument :  
MSVOA\_V  
ClientSampleId :  
COMQ0

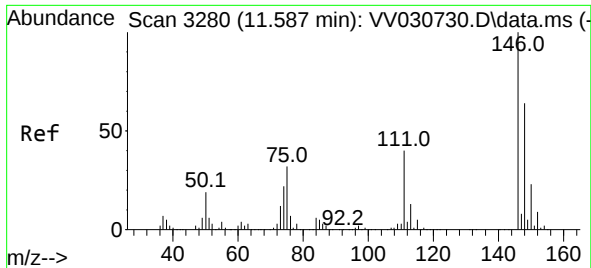
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 112   | Resp: | 9407 |
| Ion Ratio | Lower | Upper |      |
| 112       | 100   |       |      |
| 114       | 35.1  | 22.4  | 41.6 |
| 77        | 53.8  | 47.4  | 71.0 |



#65  
1,4-Dichlorobenzene  
Concen: 0.816 ug/L  
RT: 11.217 min Scan# 3165  
Delta R.T. -0.000 min  
Lab File: VV030736.D  
Acq: 20 Apr 2023 23:16

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 146   | Resp: | 2820 |
| Ion Ratio | Lower | Upper |      |
| 146       | 100   |       |      |
| 111       | 42.5  | 26.5  | 49.1 |
| 148       | 68.6  | 44.7  | 83.1 |





#67

1,2-Dichlorobenzene

Concen: 0.964 ug/L

RT: 11.590 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030736.D

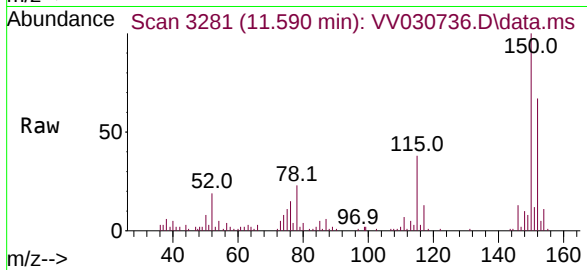
Acq: 20 Apr 2023 23:16

Instrument :

MSVOA\_V

ClientSampleId :

COMQ0



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 3187  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 54.6  | 32.0  | 48.0# |
| 148      | 79.3  | 50.6  | 76.0# |

