

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW121823\  
 Data File : VW033448.D  
 Acq On : 18 Dec 2023 11:34  
 Operator : SY/MD  
 Sample : 05802-19DL 4X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F7B43DL

Quant Time: Dec 19 01:12:30 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM121523WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Dec 16 20:24:09 2023  
 Response via : Initial Calibration

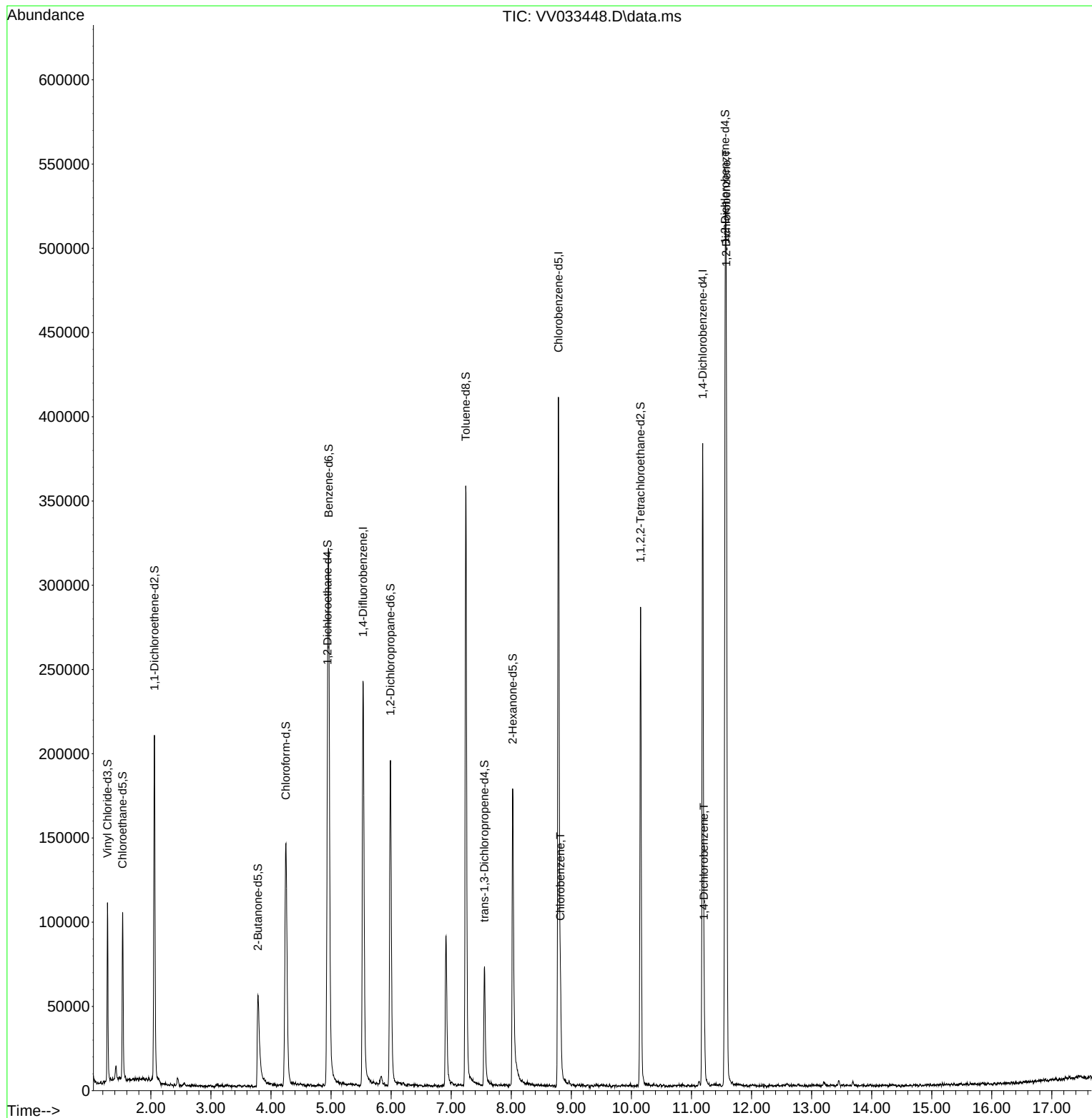
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532   | 114   | 211880   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786   | 117   | 218349   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188  | 152   | 92119    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278   | 65    | 64796    | 39.712   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 79.420%  |
| 7) Chloroethane-d5            | 1.529   | 69    | 64758    | 44.225   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 88.460%  |
| 11) 1,1-Dichloroethene-d2     | 2.060   | 65    | 35171    | 43.301   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 86.600%  |
| 21) 2-Butanone-d5             | 3.783   | 46    | 85510    | 103.983  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 103.980% |
| 24) Chloroform-d              | 4.246   | 84    | 152182   | 47.150   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.300%  |
| 26) 1,2-Dichloroethane-d4     | 4.941   | 65    | 101085   | 50.983   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 101.960% |
| 32) Benzene-d6                | 4.960   | 84    | 274865   | 46.739   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.480%  |
| 36) 1,2-Dichloropropane-d6    | 5.989   | 67    | 87892    | 49.244   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 98.480%  |
| 41) Toluene-d8                | 7.243   | 98    | 234172   | 43.518   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 87.040%  |
| 43) trans-1,3-Dichloroprop... | 7.555   | 79    | 39559    | 45.225   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 90.440%  |
| 47) 2-Hexanone-d5             | 8.024   | 63    | 57062    | 95.052   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 95.050%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153  | 84    | 128151   | 49.956   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 99.920%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.561  | 152   | 99184    | 57.296   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 114.600% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 51) Chlorobenzene             | 8.818   | 112   | 32932    | 7.408    | ug/L   | 97       |
| 65) 1,4-Dichlorobenzene       | 11.210  | 146   | 13158    | 4.497    | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 11.580  | 146   | 144224   | 50.966   | ug/L   | 99       |
| -----                         |         |       |          |          |        |          |

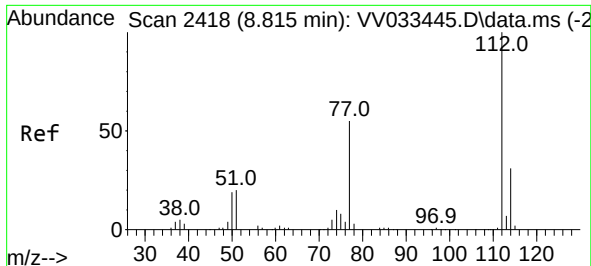
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Sat Dec 16 20:24:09 2023  
Response via : Initial Calibration





#51

Chlorobenzene

Concen: 7.408 ug/L

RT: 8.818 min Scan# 2418

Delta R.T. 0.003 min

Lab File: VV033448.D

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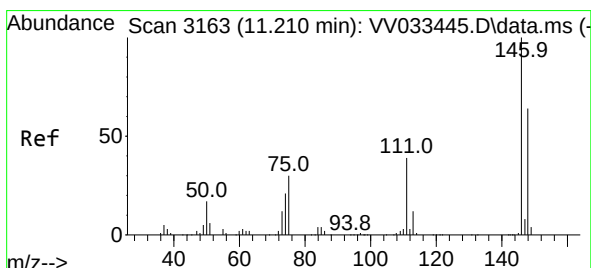
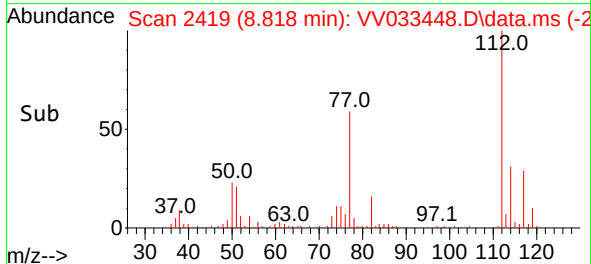
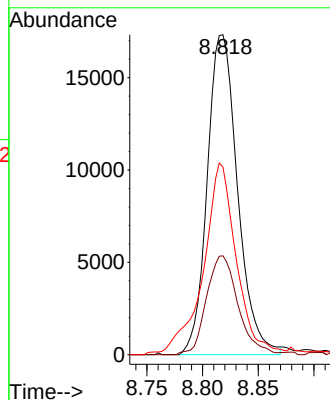
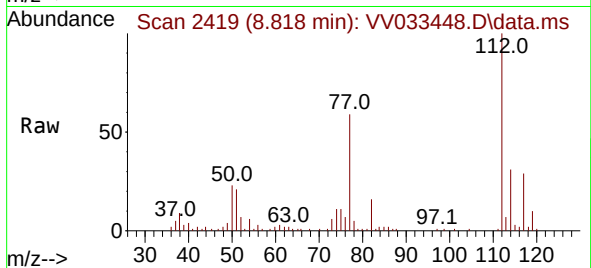
Tgt Ion:112 Resp: 32932

Ion Ratio Lower Upper

112 100

114 30.9 22.5 41.7

77 58.7 45.2 67.8



#65

1,4-Dichlorobenzene

Concen: 4.497 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VV033448.D

Acq: 18 Dec 2023 11:34

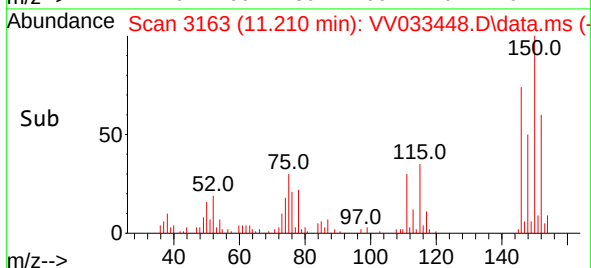
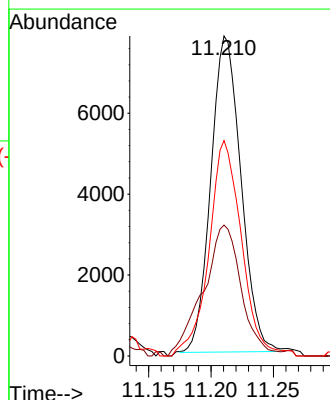
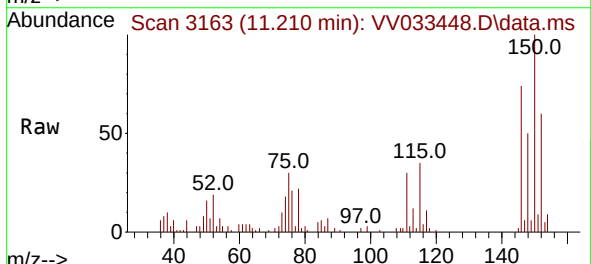
Tgt Ion:146 Resp: 13158

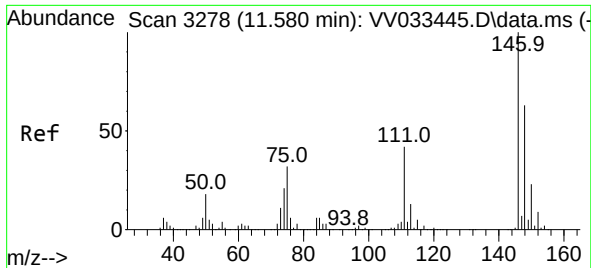
Ion Ratio Lower Upper

146 100

111 40.9 27.9 51.7

148 67.3 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 50.966 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033448.D

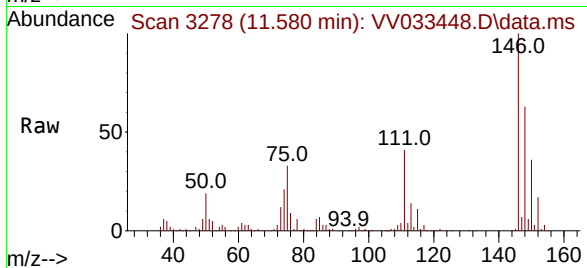
Acq: 18 Dec 2023 11:34

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Tgt Ion:146 Resp: 144224

Ion Ratio Lower Upper

146 100

111 41.3 33.5 50.3

148 62.5 51.1 76.7

