

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW062024\  
 Data File : VW036165.D  
 Acq On : 20 Jun 2024 15:52  
 Operator : SY/MD  
 Sample : P2856-20  
 Misc : 3.10g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0SJ6

Quant Time: Jun 21 01:48:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jun 20 05:02:48 2024  
 Response via : Initial Calibration

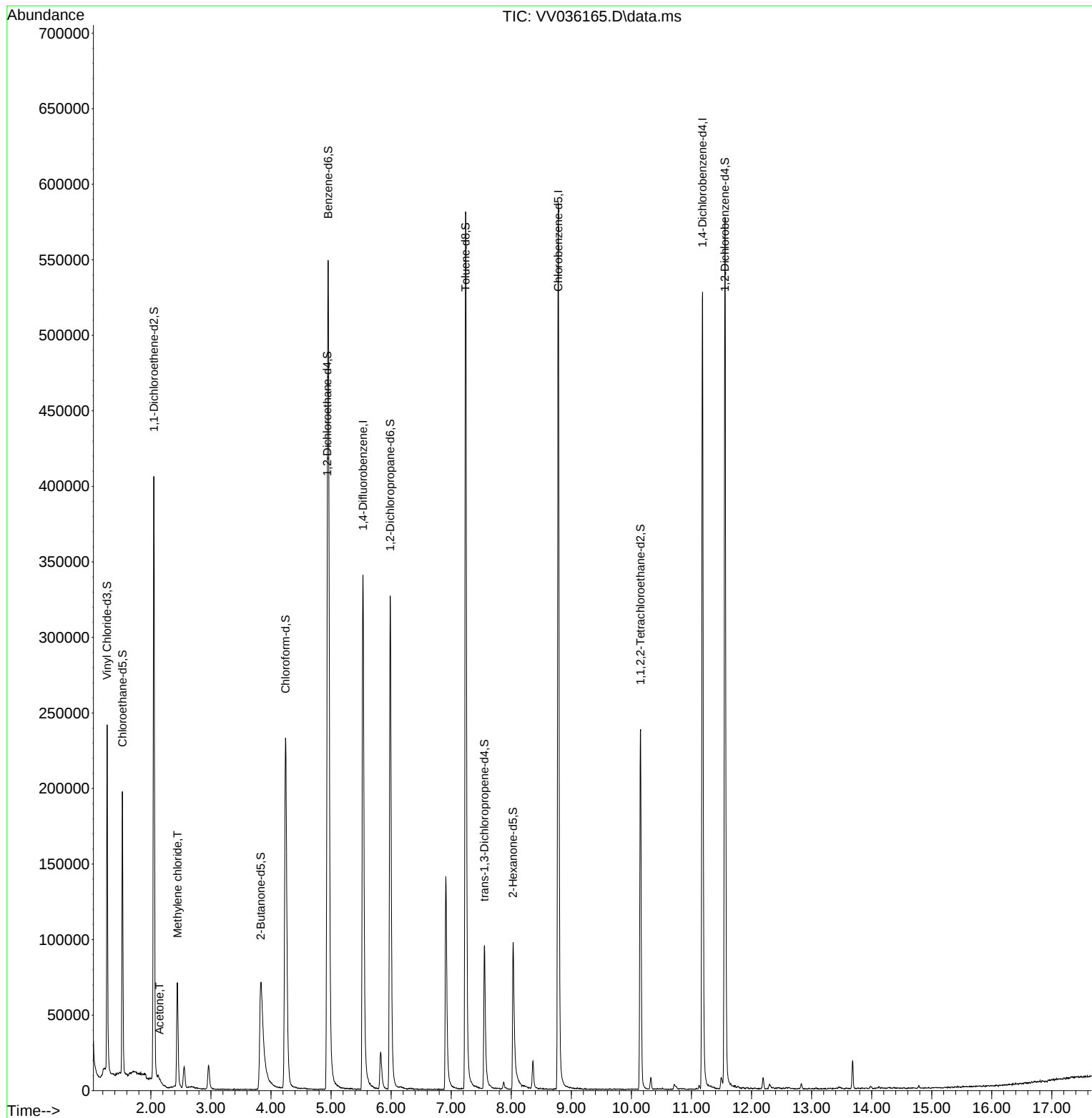
| Compound                      |        | R.T.   | QIon     | Response | Conc        | Units  | Dev(Min) |
|-------------------------------|--------|--------|----------|----------|-------------|--------|----------|
| -----                         |        |        |          |          |             |        |          |
| Internal Standards            |        |        |          |          |             |        |          |
| 1) 1,4-Difluorobenzene        |        | 5.532  | 114      | 301778   | 25.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          |        | 8.783  | 117      | 329219   | 25.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    |        | 11.185 | 152      | 140399   | 25.000      | ug/L   | 0.00     |
| System Monitoring Compounds   |        |        |          |          |             |        |          |
| 4) Vinyl Chloride-d3          |        | 1.272  | 65       | 152062   | 27.408      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | = 109.640%  |        |          |
| 7) Chloroethane-d5            |        | 1.526  | 69       | 122636   | 27.721      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | = 110.880%  |        |          |
| 11) 1,1-Dichloroethene-d2     |        | 2.050  | 65       | 68136    | 27.586      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 45 - 110 | Recovery | = 110.360%# |        |          |
| 21) 2-Butanone-d5             |        | 3.828  | 46       | 58294    | 45.794      | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | = 91.580%   |        |          |
| 24) Chloroform-d              |        | 4.243  | 84       | 254155   | 26.490      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 40 - 150 | Recovery | = 105.960%  |        |          |
| 26) 1,2-Dichloroethane-d4     |        | 4.937  | 65       | 148413   | 29.504      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 70 - 130 | Recovery | = 118.000%  |        |          |
| 32) Benzene-d6                |        | 4.953  | 84       | 490263   | 25.052      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 20 - 135 | Recovery | = 100.200%  |        |          |
| 36) 1,2-Dichloropropane-d6    |        | 5.985  | 67       | 161381   | 26.187      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 70 - 120 | Recovery | = 104.760%  |        |          |
| 41) Toluene-d8                |        | 7.239  | 98       | 406782   | 23.559      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 130 | Recovery | = 94.240%   |        |          |
| 43) trans-1,3-Dichloroprop... |        | 7.555  | 79       | 62374    | 24.685      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 135 | Recovery | = 98.720%   |        |          |
| 47) 2-Hexanone-d5             |        | 8.030  | 63       | 36599    | 43.834      | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | = 87.660%   |        |          |
| 56) 1,1,2,2-Tetrachloroeth... |        | 10.153 | 84       | 122147   | 26.524      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 45 - 120 | Recovery | = 106.080%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    |        | 11.558 | 152      | 149997   | 29.134      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 75 - 120 | Recovery | = 116.520%  |        |          |
| Target Compounds              |        |        |          |          |             |        |          |
| 13) Acetone                   |        | 2.143  | 43       | 9039     | 4.558       | ug/L # | 50       |
| 16) Methylene chloride        |        | 2.442  | 84       | 30255    | 4.431       | ug/L   | 96       |
| -----                         |        |        |          |          |             |        |          |

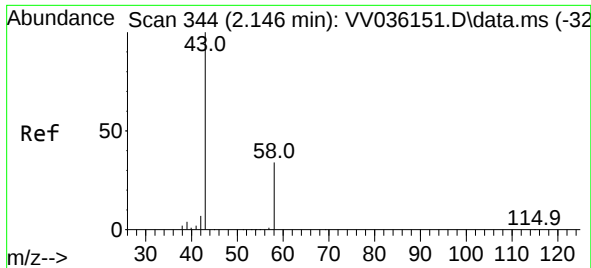
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Thu Jun 20 05:02:48 2024  
Response via : Initial Calibration





#13

Acetone

Concen: 4.558 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV036165.D

Acq: 20 Jun 2024 15:52

Instrument :

MSVOA\_V

ClientSampleId :

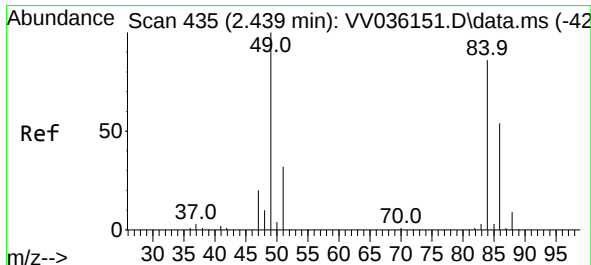
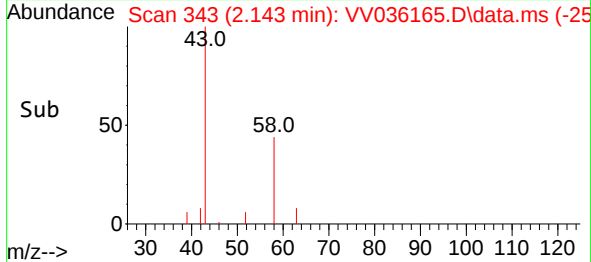
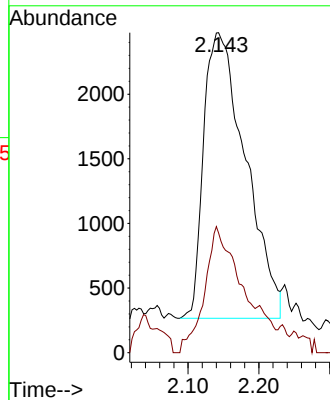
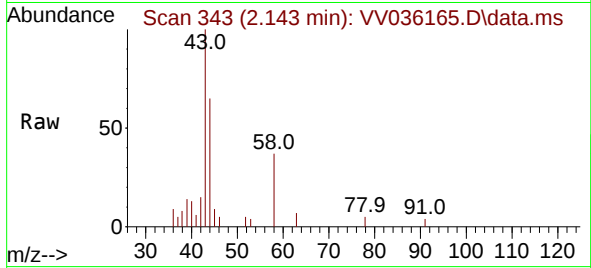
C0SJ6

Tgt Ion: 43 Resp: 9039

Ion Ratio Lower Upper

43 100

58 31.6 0.0 24.2#



#16

Methylene chloride

Concen: 4.431 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV036165.D

Acq: 20 Jun 2024 15:52

Tgt Ion: 84 Resp: 30255

Ion Ratio Lower Upper

84 100

86 67.1 44.6 82.8

49 112.0 81.1 150.5

