

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW042224\  
 Data File : VW035341.D  
 Acq On : 22 Apr 2024 18:21  
 Operator : SY/MD  
 Sample : P2158-08  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MCORD5

Quant Time: Apr 23 00:33:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM032624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 23 00:28:07 2024  
 Response via : Initial Calibration

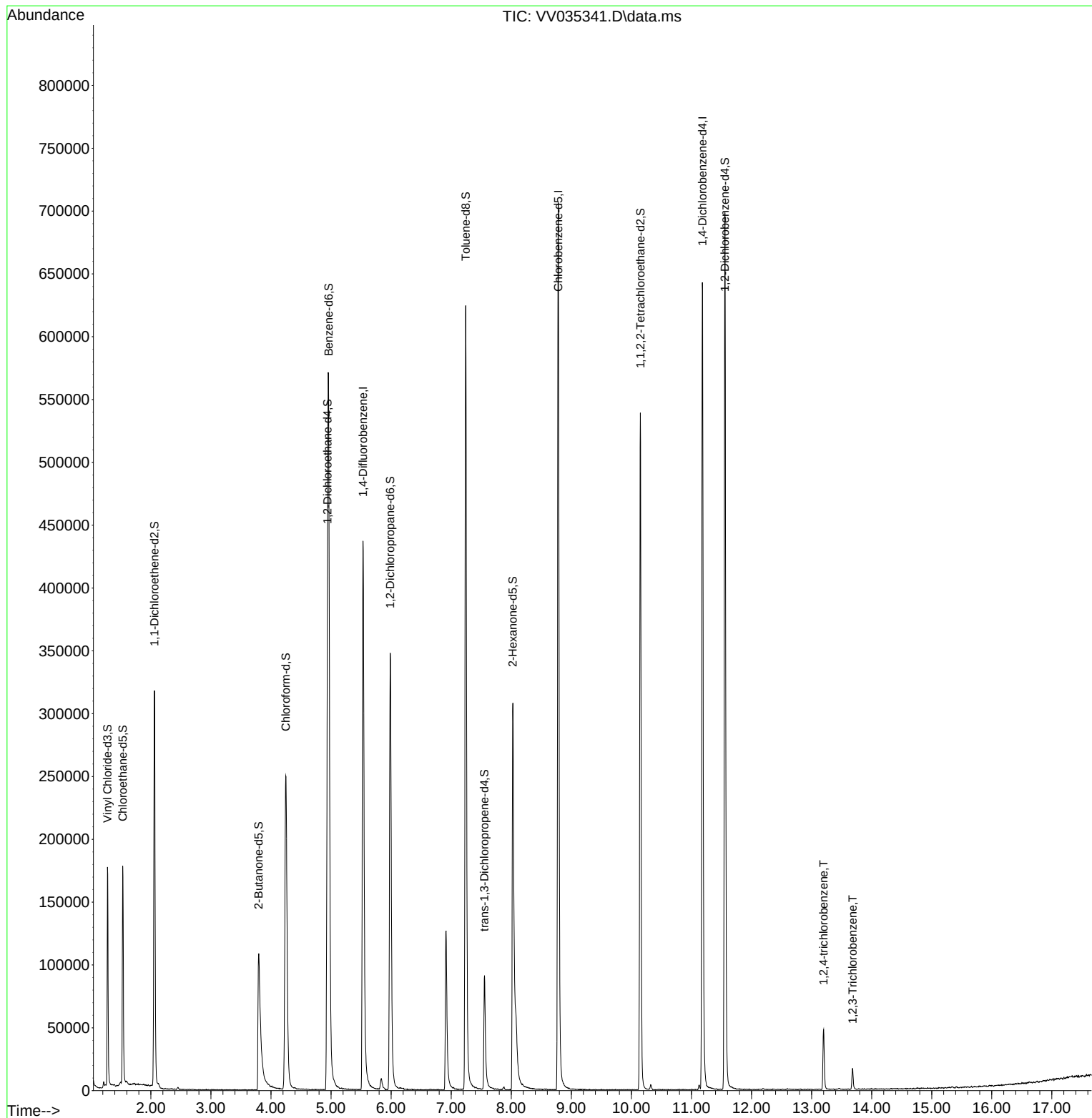
| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 393490     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 394647     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 173855     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 114740     | 30.194   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 60.380%  |       |          |
| 7) Chloroethane-d5            | 1.532          | 69   | 111678     | 33.835   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 67.660%# |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.060          | 65   | 54200      | 32.537   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 65.080%  |       |          |
| 21) 2-Butanone-d5             | 3.796          | 46   | 195690     | 86.827   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 86.830%  |       |          |
| 24) Chloroform-d              | 4.246          | 84   | 279142     | 43.689   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.380%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.940          | 65   | 177024     | 43.639   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.280%  |       |          |
| 32) Benzene-d6                | 4.960          | 84   | 521200     | 39.317   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 78.640%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.985          | 67   | 179567     | 42.657   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 85.320%  |       |          |
| 41) Toluene-d8                | 7.243          | 98   | 433153     | 36.282   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 72.560%# |       |          |
| 43) trans-1,3-Dichloroprop... | 7.555          | 79   | 58039      | 28.361   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 56.720%# |       |          |
| 47) 2-Hexanone-d5             | 8.024          | 63   | 100834     | 63.355   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 63.360%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149         | 84   | 265195     | 45.748   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 91.500%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558         | 152  | 183450     | 46.997   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 94.000%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 70) 1,2,4-trichlorobenzene    | 13.201         | 180  | 15747      | 4.061    | ug/L  | 95       |
| 72) 1,2,3-Trichlorobenzene    | 13.683         | 180  | 5526       | 1.446    | ug/L  | 92       |
| -----                         |                |      |            |          |       |          |

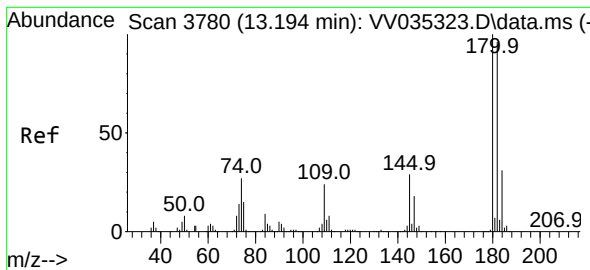
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV042224\  
Data File : VV035341.D  
Acq On : 22 Apr 2024 18:21  
Operator : SY/MD  
Sample : P2158-08  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
MC0RD5

Quant Time: Apr 23 00:33:24 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM032624WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Apr 23 00:28:07 2024  
Response via : Initial Calibration





#70

1,2,4-trichlorobenzene

Concen: 4.061 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV035341.D

Acq: 22 Apr 2024 18:21

Instrument :

MSVOA\_V

ClientSampleId :

MC0RD5

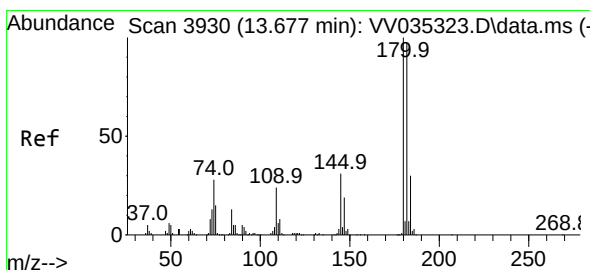
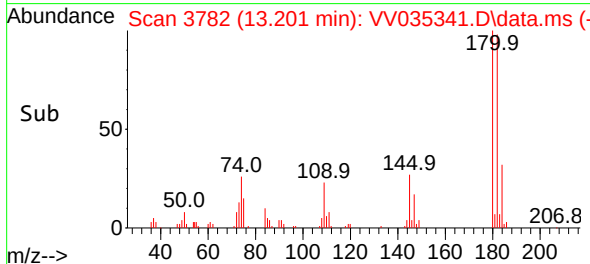
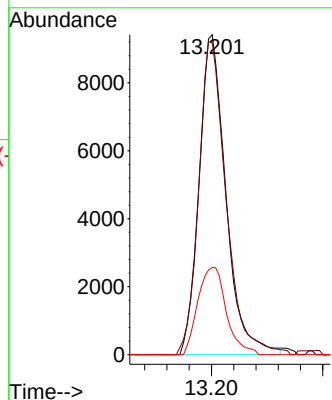
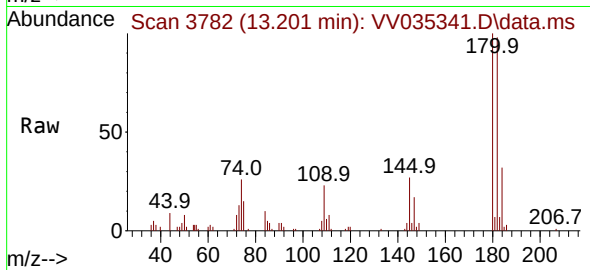
Tgt Ion:180 Resp: 15747

Ion Ratio Lower Upper

180 100

182 99.7 75.6 113.4

145 28.9 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 1.446 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

Lab File: VV035341.D

Acq: 22 Apr 2024 18:21

Tgt Ion:180 Resp: 5526

Ion Ratio Lower Upper

180 100

182 104.6 76.2 114.2

145 31.1 25.8 38.6

