

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW121823\  
 Data File : VV033464.D  
 Acq On : 18 Dec 2023 18:13  
 Operator : SY/MD  
 Sample : 05835-02 100X  
 Misc : 2.26g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0B32

Quant Time: Dec 19 01:15:08 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

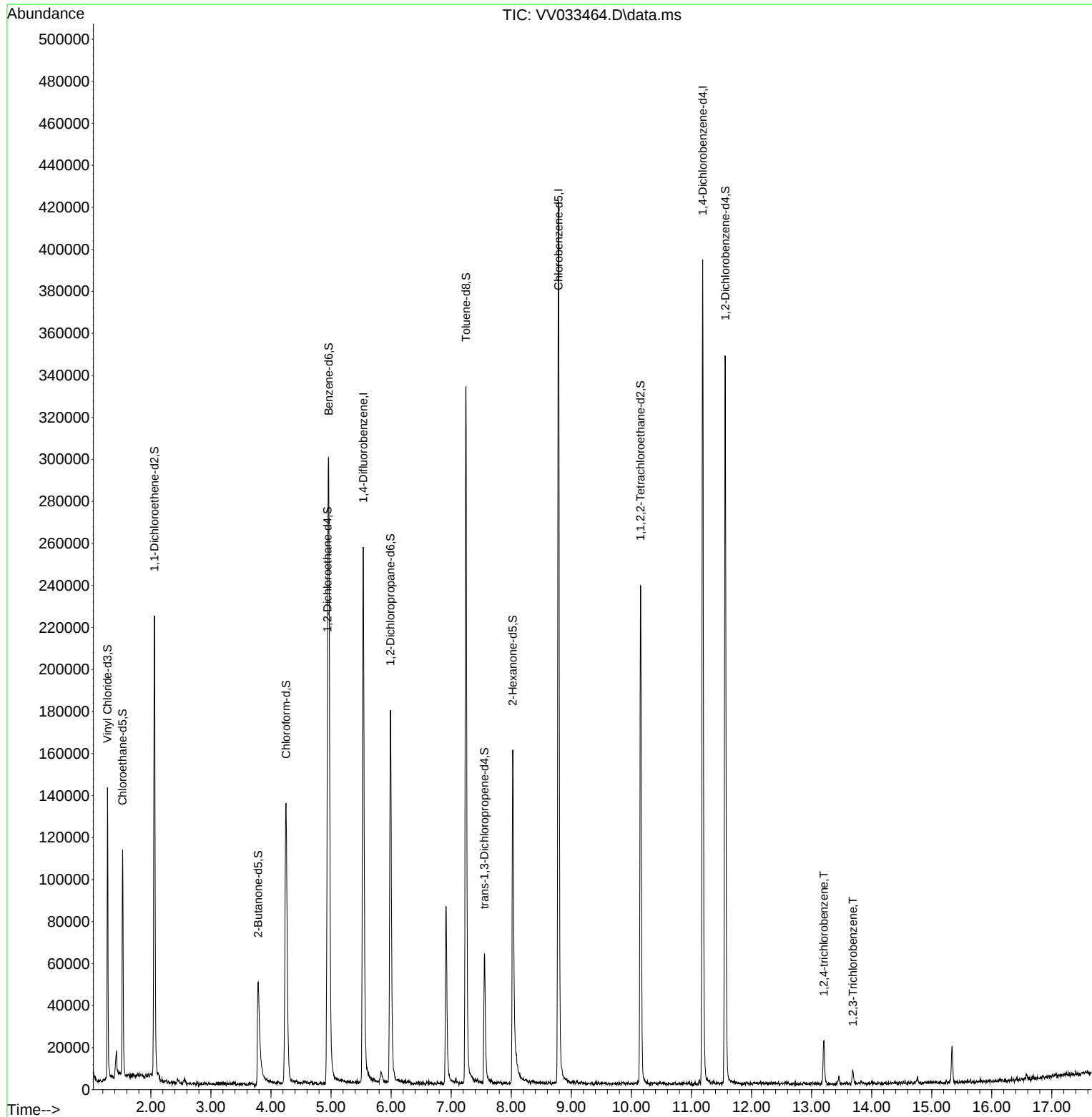
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535          | 114  | 218351     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786          | 117  | 225690     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188         | 152  | 95416      | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 80871      | 48.095   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 96.180%  |        |          |
| 7) Chloroethane-d5            | 1.529          | 69   | 69624      | 46.139   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 92.280%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.059          | 65   | 37390      | 44.669   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 89.340%  |        |          |
| 21) 2-Butanone-d5             | 3.786          | 46   | 78720      | 92.890   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 92.890%  |        |          |
| 24) Chloroform-d              | 4.249          | 84   | 143423     | 43.120   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 86.240%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.940          | 65   | 90575      | 44.328   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 88.660%  |        |          |
| 32) Benzene-d6                | 4.960          | 84   | 261404     | 43.004   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 86.000%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.989          | 67   | 81828      | 44.355   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 88.720%  |        |          |
| 41) Toluene-d8                | 7.246          | 98   | 219426     | 39.451   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 78.900%# |        |          |
| 43) trans-1,3-Dichloroprop... | 7.554          | 79   | 35533      | 39.301   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 78.600%  |        |          |
| 47) 2-Hexanone-d5             | 8.024          | 63   | 50914      | 82.052   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 82.050%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152         | 84   | 110337     | 41.613   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 83.220%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.564         | 152  | 85903      | 47.910   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 95.820%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 70) 1,2,4-trichlorobenzene    | 13.204         | 180  | 5893       | 3.462    | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 13.686         | 180  | 2081       | 1.250    | ug/L # | 88       |
| -----                         |                |      |            |          |        |          |

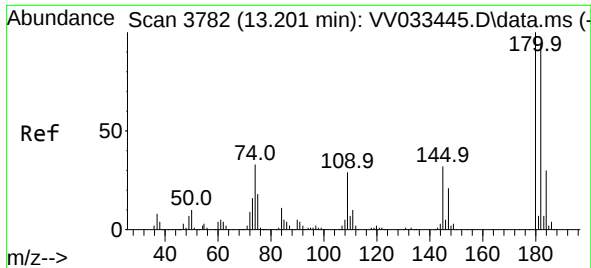
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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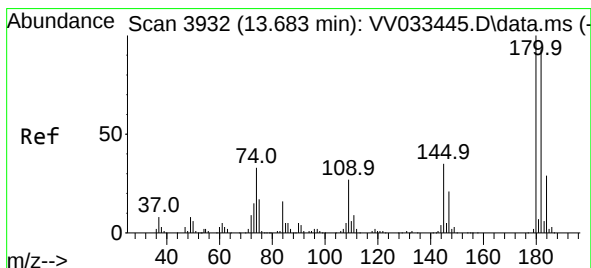
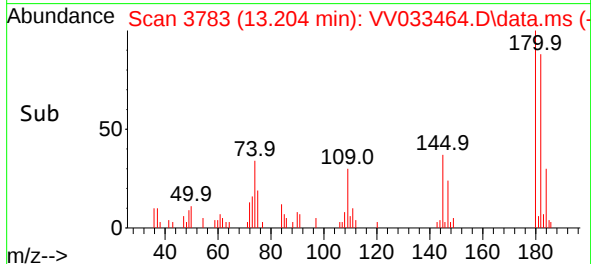
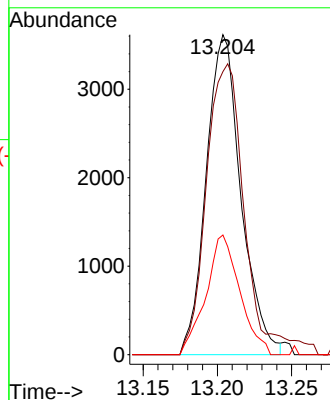
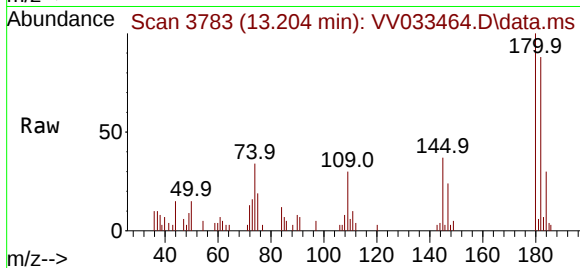




#70  
1,2,4-trichlorobenzene  
Concen: 3.462 ug/L  
RT: 13.204 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VV033464.D  
Acq: 18 Dec 2023 18:13

Instrument :  
MSVOA\_V  
ClientSampleId :  
COB32

Tgt Ion:180 Resp: 5893  
Ion Ratio Lower Upper  
180 100  
182 94.6 76.1 114.1  
145 36.4 25.6 38.4



#72  
1,2,3-Trichlorobenzene  
Concen: 1.250 ug/L  
RT: 13.686 min Scan# 3933  
Delta R.T. 0.006 min  
Lab File: VV033464.D  
Acq: 18 Dec 2023 18:13

Tgt Ion:180 Resp: 2081  
Ion Ratio Lower Upper  
180 100  
182 83.8 76.2 114.2  
145 26.9 27.1 40.7#

