

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW102121\  
 Data File : VW022952.D  
 Acq On : 21 Oct 2021 12:09  
 Operator : SY/MD  
 Sample : M4212-15ME  
 Misc : 2.80g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 JDGF8ME

Quant Time: Oct 22 03:52:58 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM100121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Oct 22 03:48:35 2021  
 Response via : Initial Calibration

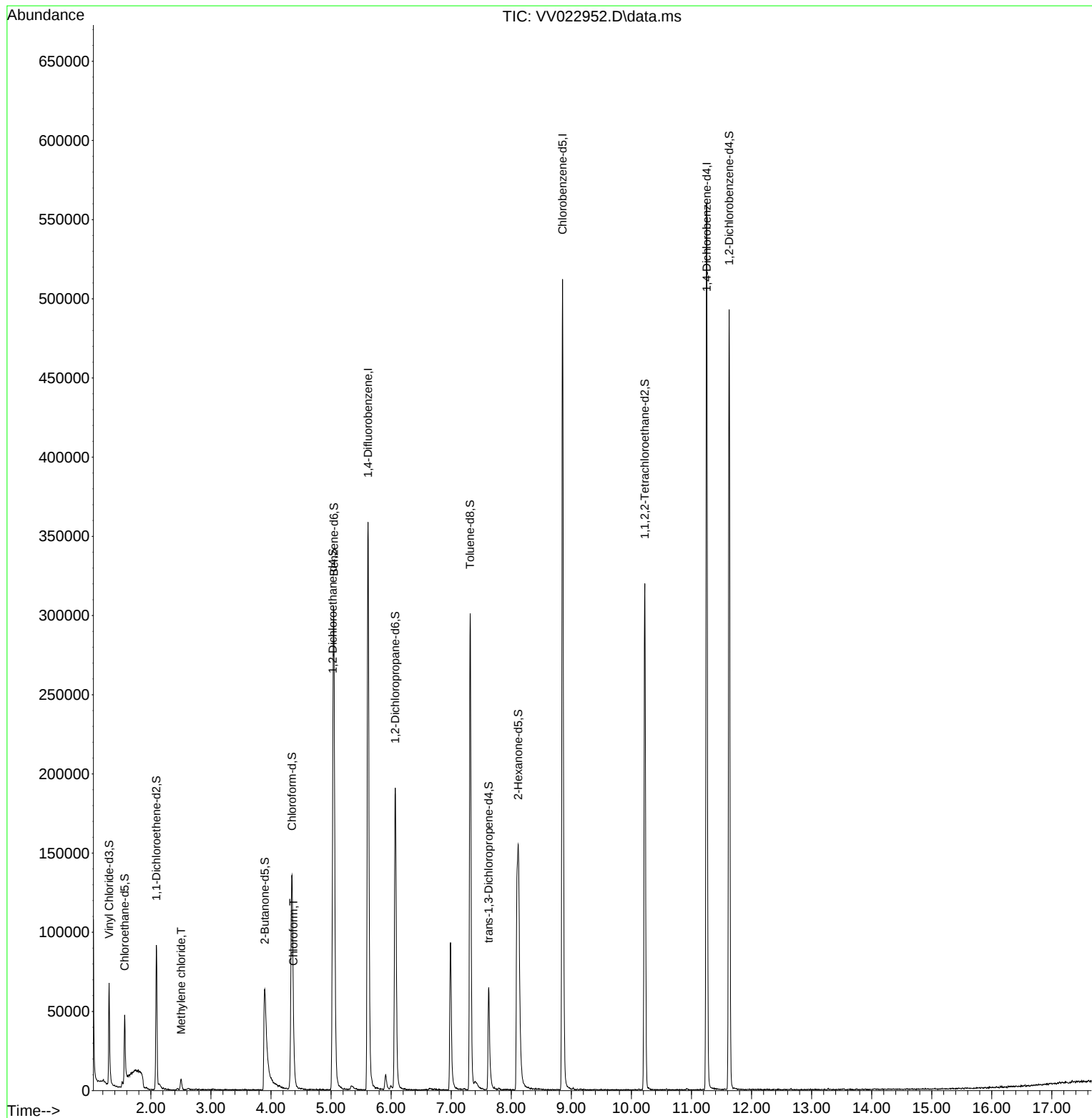
| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.616          | 114  | 317706     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.854          | 117  | 311275     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252         | 152  | 152002     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 45993      | 23.408   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 46.820%# |       |          |
| 7) Chloroethane-d5            | 1.565          | 69   | 28938      | 18.736   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 37.480%# |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.092          | 63   | 45821      | 11.827   | ug/L  | -0.02    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 23.660%# |       |          |
| 21) 2-Butanone-d5             | 3.896          | 46   | 138184     | 127.763  | ug/L  | 0.01     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 127.760% |       |          |
| 24) Chloroform-d              | 4.349          | 84   | 141762     | 39.489   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 78.980%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.031          | 65   | 97862      | 46.993   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 93.980%  |       |          |
| 32) Benzene-d6                | 5.047          | 84   | 244396     | 33.891   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 67.780%# |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.069          | 67   | 96914      | 43.656   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 87.320%  |       |          |
| 41) Toluene-d8                | 7.317          | 98   | 198736     | 30.044   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 60.080%# |       |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 42483      | 40.447   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 80.900%  |       |          |
| 47) 2-Hexanone-d5             | 8.114          | 63   | 102544     | 111.506  | ug/L  | 0.03     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 111.510% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.223         | 84   | 168517     | 54.590   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 109.180% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.628         | 152  | 131936     | 53.226   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 106.460% |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 16) Methylene chloride        | 2.503          | 84   | 3131       | 1.123    | ug/L  | 93       |
| 25) Chloroform                | 4.375          | 83   | 11472      | 2.645    | ug/L  | 83       |
| -----                         |                |      |            |          |       |          |

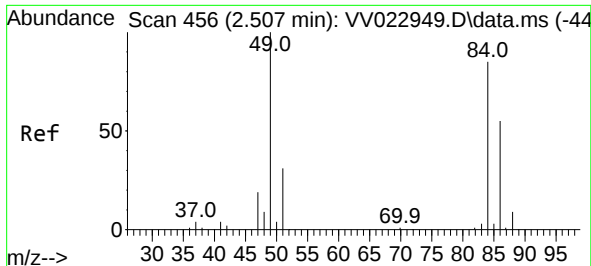
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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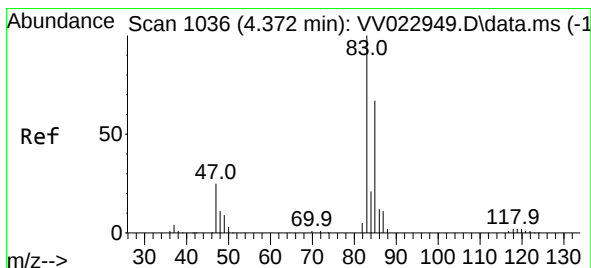
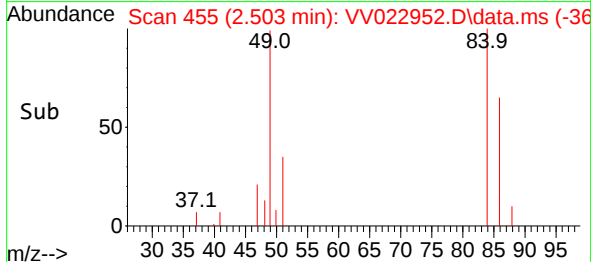
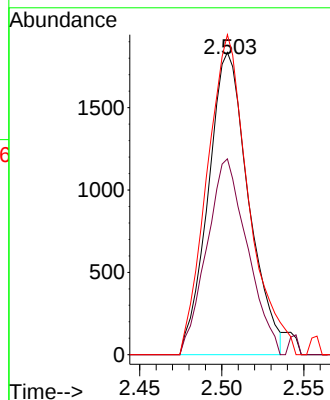
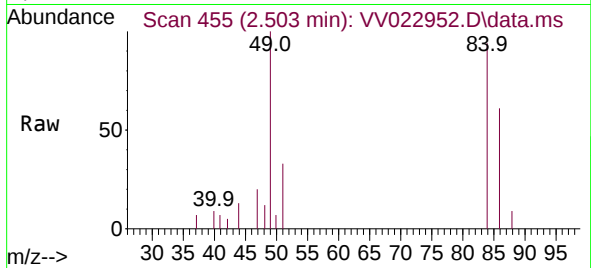




#16  
Methylene chloride  
Concen: 1.123 ug/L  
RT: 2.503 min Scan# 455  
Delta R.T. -0.003 min  
Lab File: VV022952.D  
Acq: 21 Oct 2021 12:09

Instrument :  
MSVOA\_V  
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|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 3131  |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 86 64.8     | 45.6 84.6   |
| 49 105.9    | 82.7 153.7  |



#25  
Chloroform  
Concen: 2.645 ug/L  
RT: 4.375 min Scan# 1037  
Delta R.T. 0.003 min  
Lab File: VV022952.D  
Acq: 21 Oct 2021 12:09

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 11472 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 79.0     | 45.8 85.0   |

