

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU010522\  
 Data File : VU046677.D  
 Acq On : 05 Jan 2022 20:59  
 Operator : SY/MD  
 Sample : BLK  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD050155

Quant Time: Jan 06 03:06:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM010522WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jan 06 02:54:34 2022  
 Response via : Initial Calibration

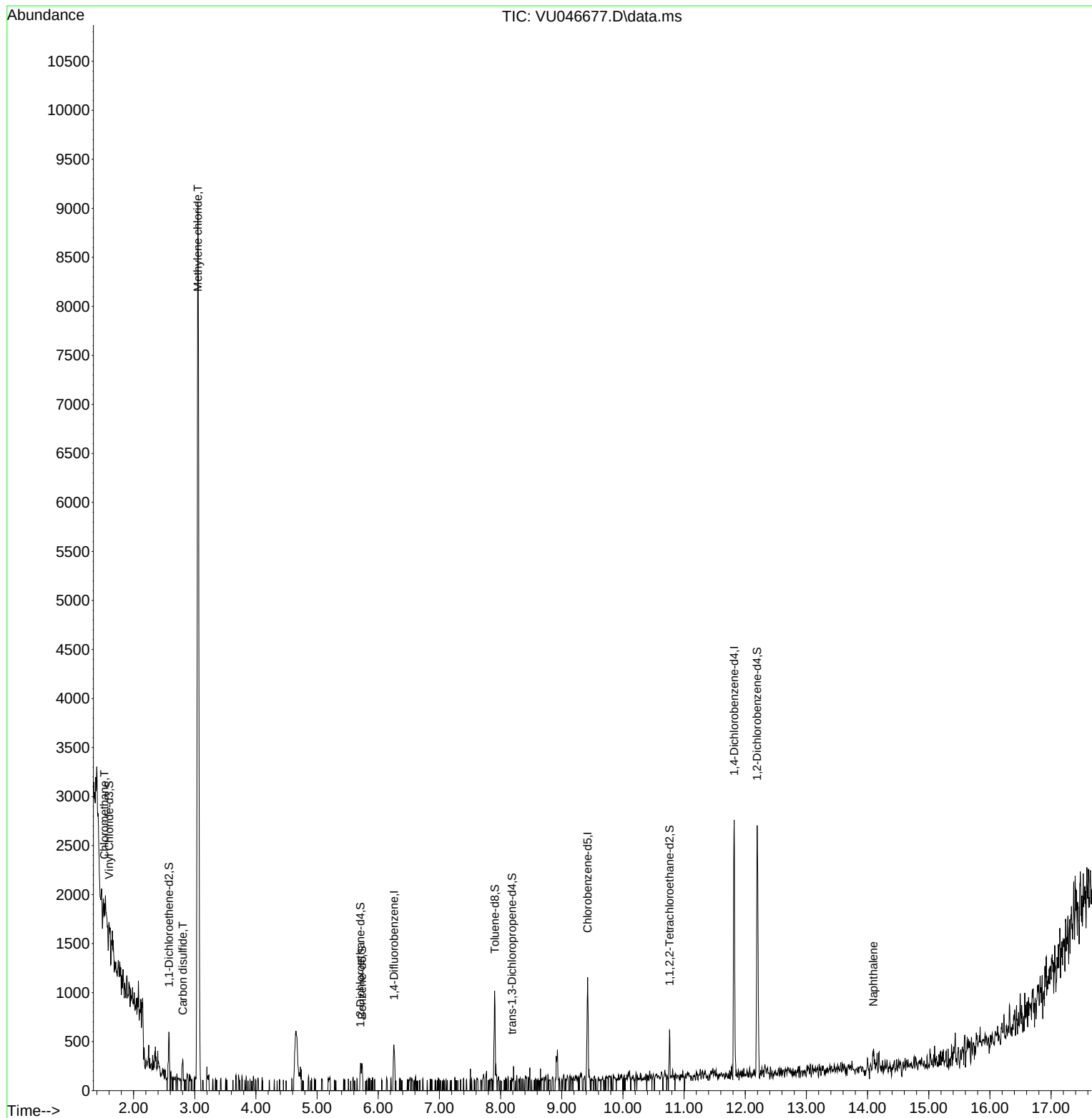
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256   | 114   | 497      | 50.000   | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 9.423   | 117   | 798      | 50.000   | ug/L   | # 0.00   |
| 58) 1,4-Dichlorobenzene-d4    | 11.819  | 152   | 852      | 50.000   | ug/L   | 0.00     |
|                               |         |       |          |          |        |          |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600   | 65    | 194      | 44.732   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 89.460%  |
| 7) Chloroethane-d5            | 0.000   | 69    | 0        | 0.000    | ug/L   |          |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 0.000%#  |
| 11) 1,1-Dichloroethene-d2     | 2.578   | 63    | 355      | 48.127   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 96.260%  |
| 21) 2-Butanone-d5             | 0.000   | 46    | 0        | 0.000    | ug/L   |          |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 0.000%#  |
| 24) Chloroform-d              | 0.000   | 84    | 0        | 0.000    | ug/L   |          |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 0.000%#  |
| 26) 1,2-Dichloroethane-d4     | 5.706   | 65    | 214      | 44.135   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 88.260%  |
| 32) Benzene-d6                | 5.735   | 84    | 415      | 16.664   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 33.320%# |
| 36) 1,2-Dichloropropane-d6    | 0.000   | 67    | 0        | 0.000    | ug/L   |          |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 0.000%#  |
| 41) Toluene-d8                | 7.906   | 98    | 720      | 32.340   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 64.680%# |
| 43) trans-1,3-Dichloroprop... | 8.185   | 79    | 45       | 12.293   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 24.580%# |
| 47) 2-Hexanone-d5             | 0.000   | 63    | 0        | 0.000    | ug/L   |          |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 0.000%#  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761  | 84    | 345      | 29.316   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 58.640%# |
| 66) 1,2-Dichlorobenzene-d4    | 12.195  | 152   | 989      | 56.098   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 112.200% |
|                               |         |       |          |          |        |          |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.523   | 50    | 65       | 15.953   | ug/L   | # 41     |
| 14) Carbon disulfide          | 2.803   | 76    | 192      | 19.622   | ug/L   | # 75     |
| 16) Methylene chloride        | 3.051   | 84    | 4961     | 1223.442 | ug/L   | 90       |
| 71) Naphthalene               | 14.095  | 128   | 256      | 4.609    | ug/L   | # 69     |
| -----                         |         |       |          |          |        |          |

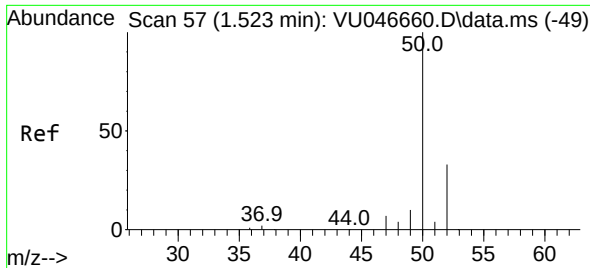
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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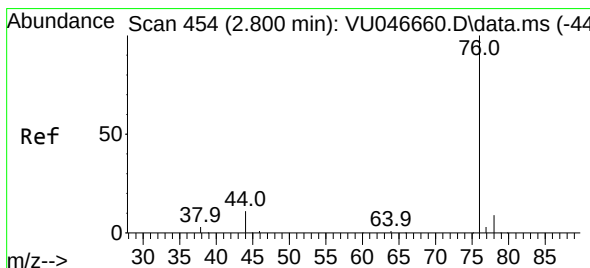
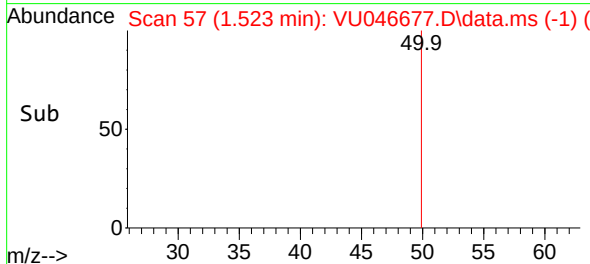
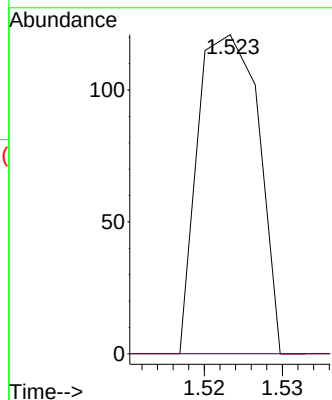
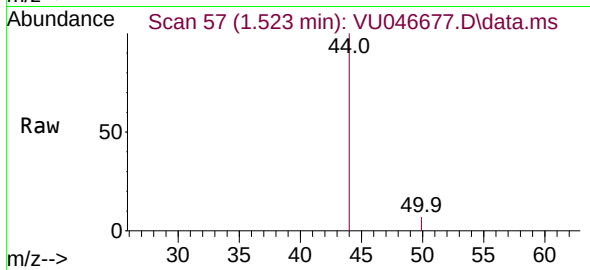




#3  
Chloromethane  
Concen: 15.953 ug/L  
RT: 1.523 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VU046677.D  
Acq: 05 Jan 2022 20:59

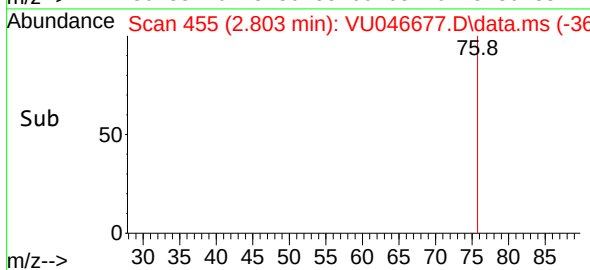
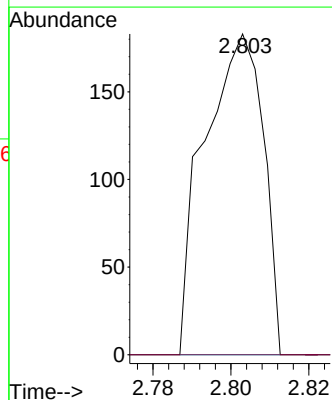
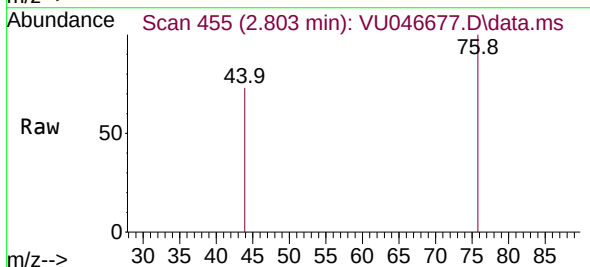
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD050155

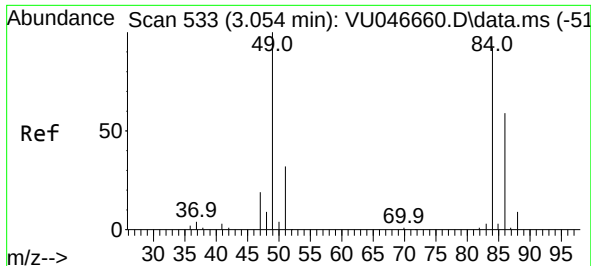
Tgt Ion: 50 Resp: 65  
Ion Ratio Lower Upper  
50 100  
52 0.0 23.2 43.2#



#14  
Carbon disulfide  
Concen: 19.622 ug/L  
RT: 2.803 min Scan# 455  
Delta R.T. 0.003 min  
Lab File: VU046677.D  
Acq: 05 Jan 2022 20:59

Tgt Ion: 76 Resp: 192  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.1 10.7#

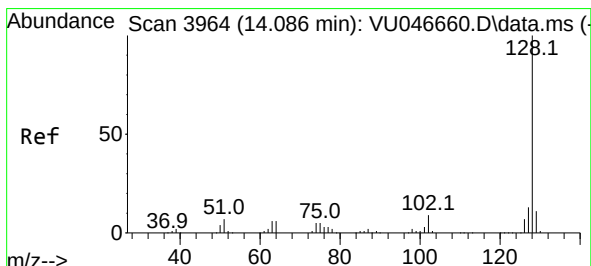
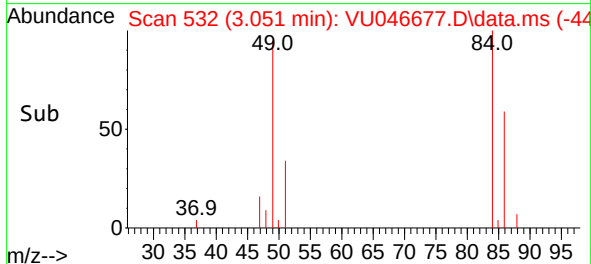
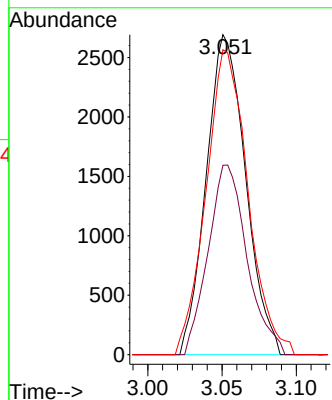
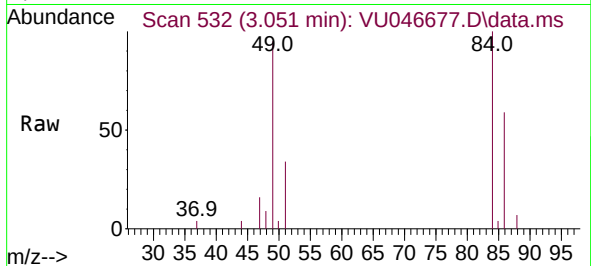




#16  
Methylene chloride  
Concen: 1223.442 ug/L  
RT: 3.051 min Scan# 51  
Delta R.T. -0.003 min  
Lab File: VU046677.D  
Acq: 05 Jan 2022 20:59

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ClientSampleId :  
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|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 84 | Resp: | 4961        |
| Ion         | Ratio | Lower Upper |
| 84          | 100   |             |
| 86          | 59.2  | 44.7 82.9   |
| 49          | 95.3  | 75.9 141.1  |



#71  
Naphthalene  
Concen: 4.609 ug/L  
RT: 14.095 min Scan# 3967  
Delta R.T. 0.010 min  
Lab File: VU046677.D  
Acq: 05 Jan 2022 20:59

|              |       |             |
|--------------|-------|-------------|
| Tgt Ion: 128 | Resp: | 256         |
| Ion          | Ratio | Lower Upper |
| 128          | 100   |             |
| 127          | 0.0   | 10.1 15.1#  |
| 129          | 0.0   | 8.8 13.2#   |

