

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031523\  
 Data File : VU053204.D  
 Acq On : 15 Mar 2023 16:40  
 Operator : JC/MD  
 Sample : 01929-08  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EYFD2

Quant Time: Mar 16 04:02:40 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM031523WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 16 03:54:54 2023  
 Response via : Initial Calibration

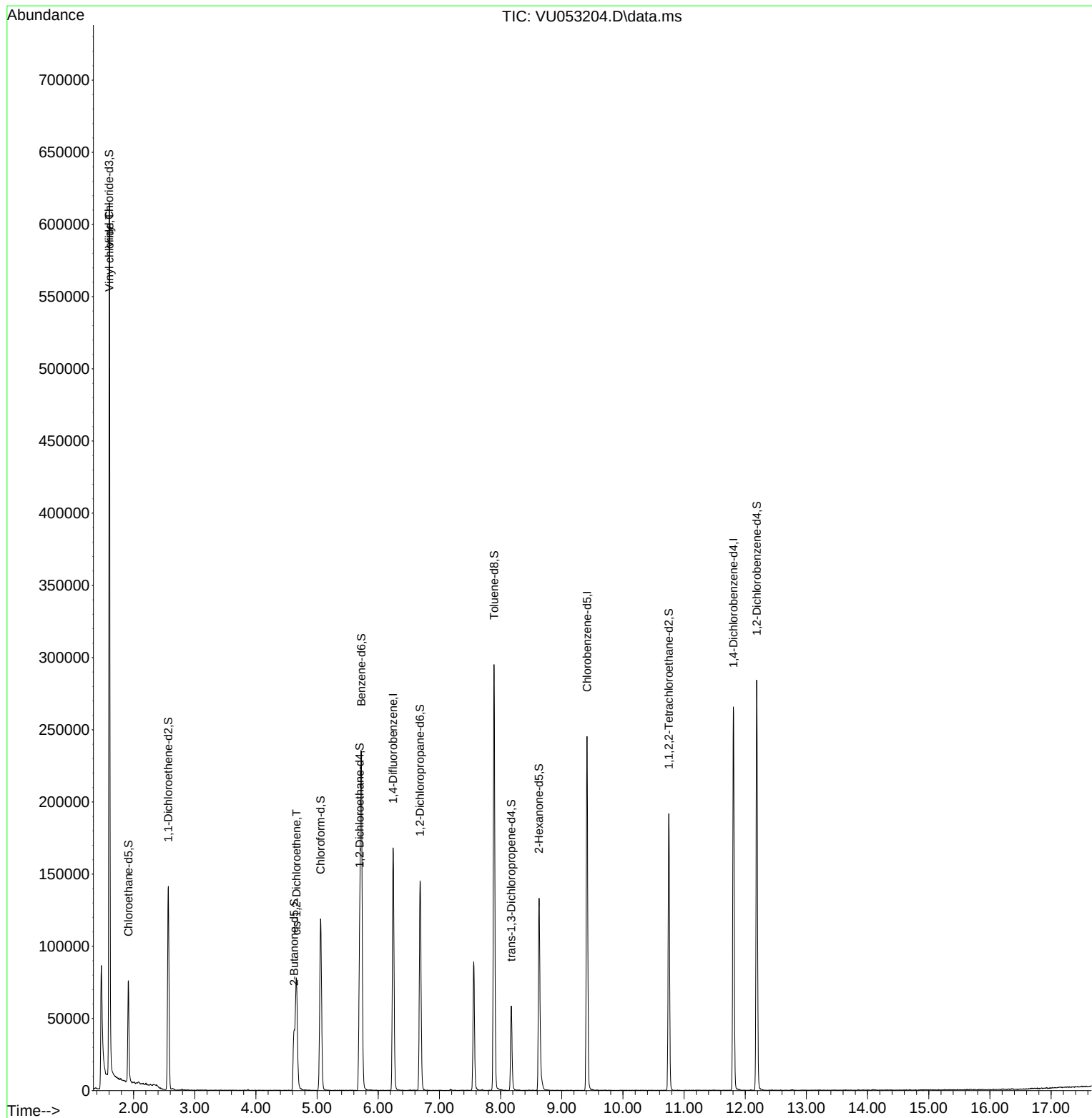
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.243   | 114   | 138499   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414   | 117   | 130998   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809  | 152   | 65561    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600   | 65    | 65840    | 51.529   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 103.060% |
| 7) Chloroethane-d5            | 1.916   | 69    | 50707    | 49.062   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 98.120%  |
| 11) 1,1-Dichloroethene-d2     | 2.568   | 63    | 83795    | 37.857   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 75.720%  |
| 21) 2-Butanone-d5             | 4.623   | 46    | 63143    | 106.549  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 106.550% |
| 24) Chloroform-d              | 5.057   | 84    | 105476   | 50.119   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.240% |
| 26) 1,2-Dichloroethane-d4     | 5.697   | 65    | 67247    | 51.452   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 102.900% |
| 32) Benzene-d6                | 5.722   | 84    | 223450   | 52.589   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 105.180% |
| 36) 1,2-Dichloropropane-d6    | 6.684   | 67    | 72842    | 53.118   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 106.240% |
| 41) Toluene-d8                | 7.893   | 98    | 201803   | 51.013   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 102.020% |
| 43) trans-1,3-Dichloroprop... | 8.176   | 79    | 34640    | 51.197   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 102.400% |
| 47) 2-Hexanone-d5             | 8.629   | 63    | 49314    | 115.024  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 115.020% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751  | 84    | 94699    | 53.308   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 106.620% |
| 66) 1,2-Dichlorobenzene-d4    | 12.188  | 152   | 68287    | 53.793   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 107.580% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.604   | 62    | 363308   | 249.319  | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 4.665   | 96    | 36547    | 30.150   | ug/L   | 97       |
| -----                         |         |       |          |          |        |          |

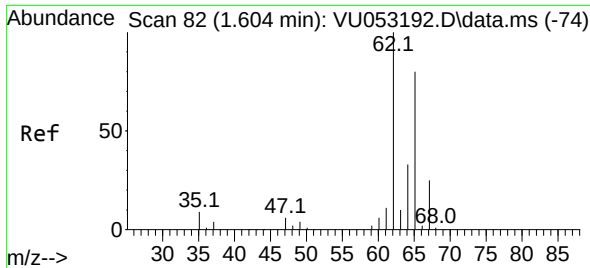
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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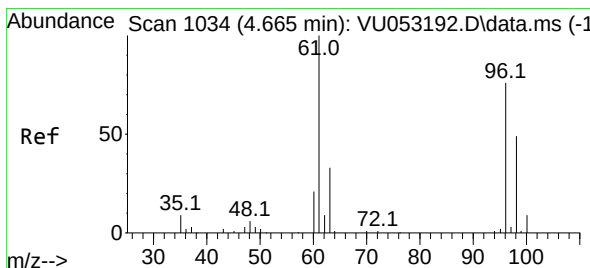
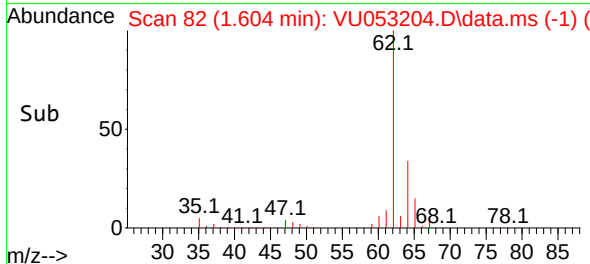
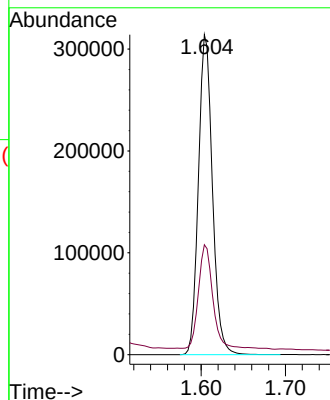
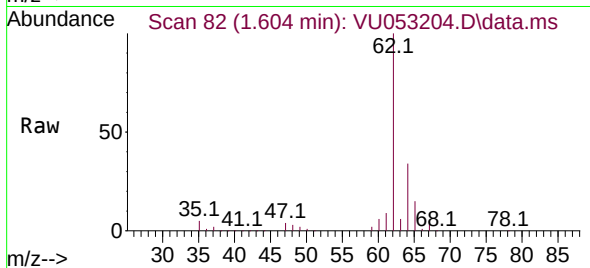




#5  
 Vinyl chloride  
 Concen: 249.319 ug/L  
 RT: 1.604 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: VU053204.D  
 Acq: 15 Mar 2023 16:40

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Tgt Ion: 62 Resp: 363308  
 Ion Ratio Lower Upper  
 62 100  
 64 34.4 23.2 43.0



#20  
 cis-1,2-Dichloroethene  
 Concen: 30.150 ug/L  
 RT: 4.665 min Scan# 1034  
 Delta R.T. -0.000 min  
 Lab File: VU053204.D  
 Acq: 15 Mar 2023 16:40

Tgt Ion: 96 Resp: 36547  
 Ion Ratio Lower Upper  
 96 100  
 61 129.0 92.5 171.7  
 68 0.0 0.0 0.0

