

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100621\  
 Data File : VU045188.D  
 Acq On : 06 Oct 2021 16:14  
 Operator : SY/MD  
 Sample : M4024-18  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COANO

Quant Time: Oct 07 03:02:55 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 07 03:00:32 2021  
 Response via : Initial Calibration

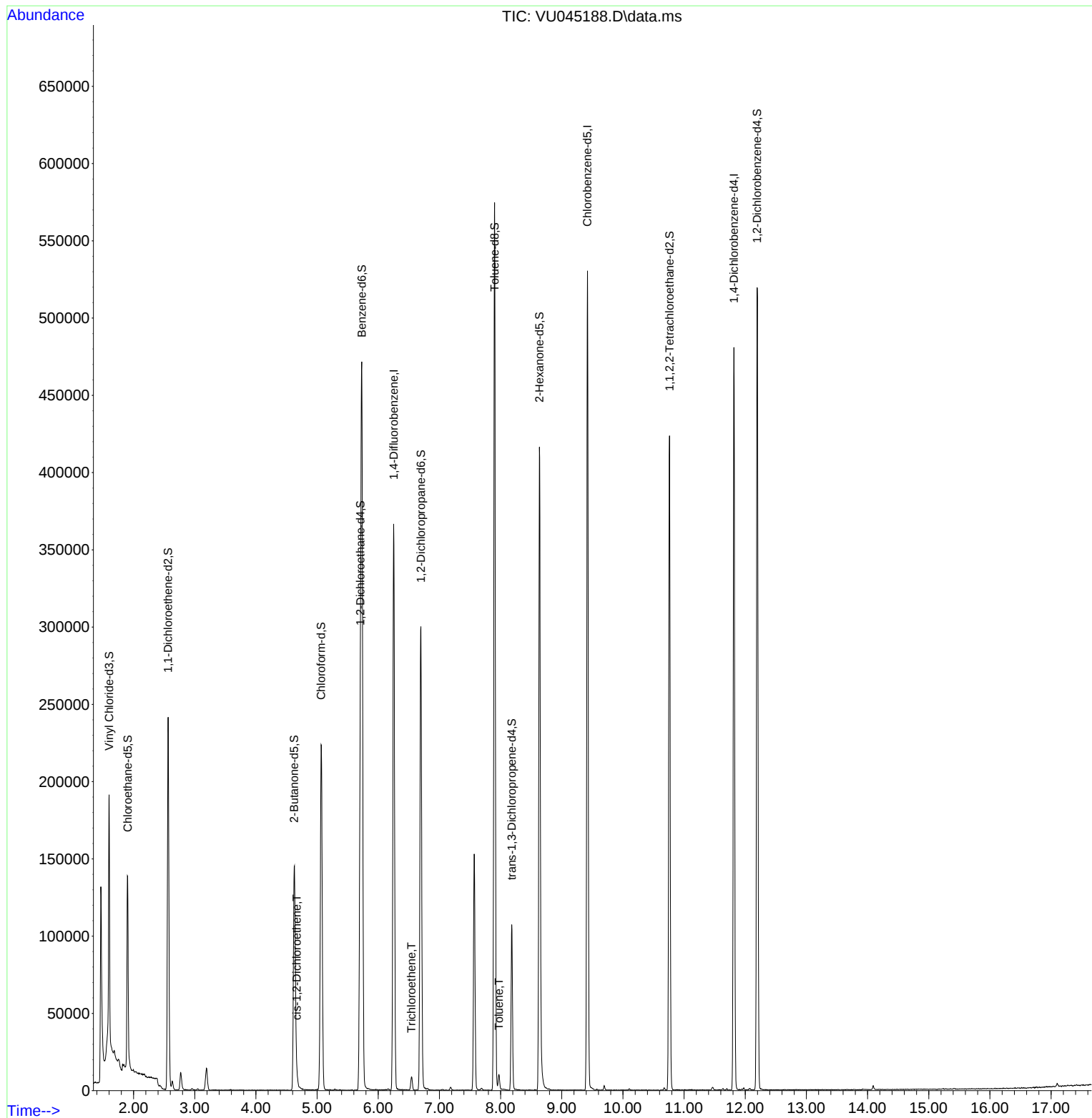
| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.253          | 114  | 283306     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.420          | 117  | 268130     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.815         | 152  | 115661     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.600          | 65   | 104407     | 33.665   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 67.320%  |       |          |
| 7) Chloroethane-d5            | 1.903          | 69   | 97995      | 39.874   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 79.740%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.565          | 63   | 145952     | 28.023   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 56.040%# |       |          |
| 21) 2-Butanone-d5             | 4.626          | 46   | 208104     | 84.876   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 84.880%  |       |          |
| 24) Chloroform-d              | 5.067          | 84   | 203005     | 41.444   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 82.880%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.706          | 65   | 146048     | 44.018   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 88.040%  |       |          |
| 32) Benzene-d6                | 5.732          | 84   | 419015     | 45.036   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.080%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.697          | 67   | 137050     | 45.175   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 90.360%  |       |          |
| 41) Toluene-d8                | 7.902          | 98   | 362284     | 45.121   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 90.240%  |       |          |
| 43) trans-1,3-Dichloroprop... | 8.182          | 79   | 56005      | 41.501   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 83.000%  |       |          |
| 47) 2-Hexanone-d5             | 8.636          | 63   | 144211     | 85.778   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 85.780%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761         | 84   | 207048     | 43.828   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 87.660%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195         | 152  | 126305     | 50.179   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 100.360% |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 20) cis-1,2-Dichloroethene    | 4.668          | 96   | 1605       | 0.630    | ug/L  | 96       |
| 34) Trichloroethene           | 6.542          | 95   | 2770       | 1.160    | ug/L  | 93       |
| 42) Toluene                   | 7.973          | 91   | 6582       | 0.651    | ug/L  | 95       |
| -----                         |                |      |            |          |       |          |

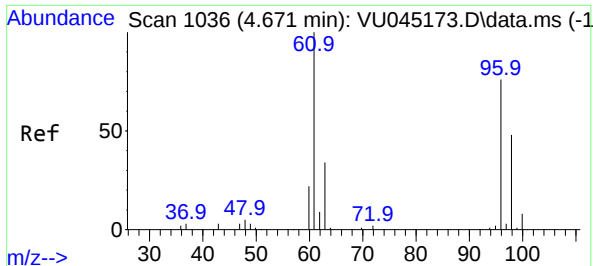
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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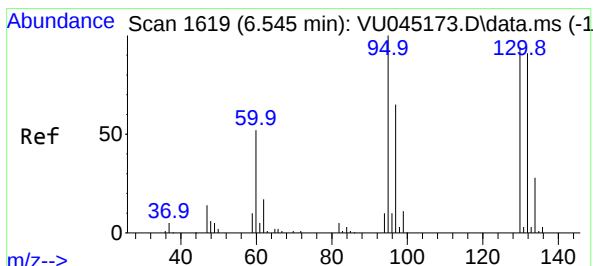
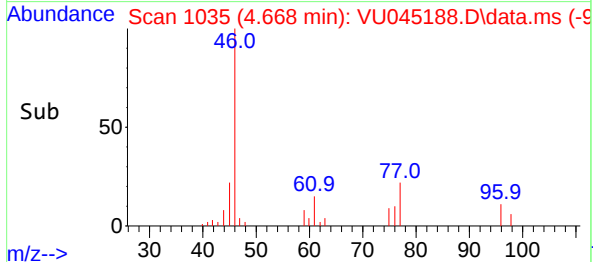
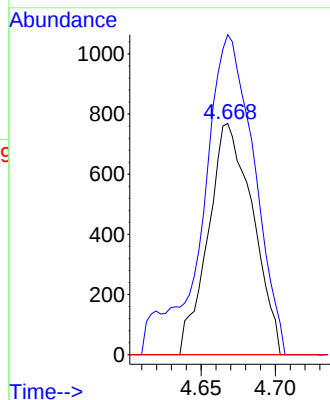
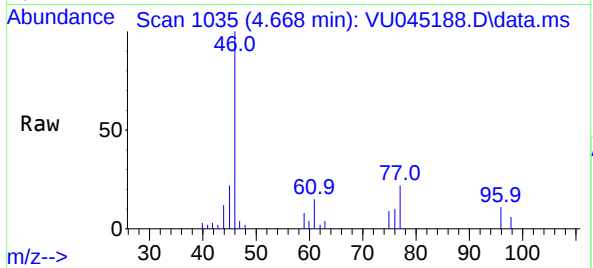




#20  
cis-1,2-Dichloroethene  
Concen: 0.630 ug/L  
RT: 4.668 min Scan# 1035  
Delta R.T. -0.003 min  
Lab File: VU045188.D  
Acq: 06 Oct 2021 16:14

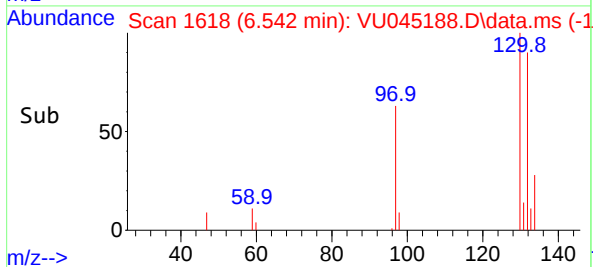
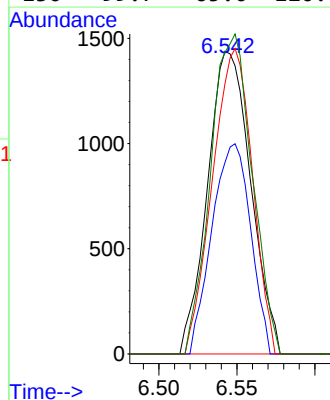
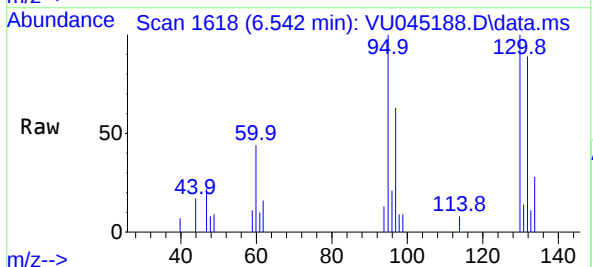
Instrument :  
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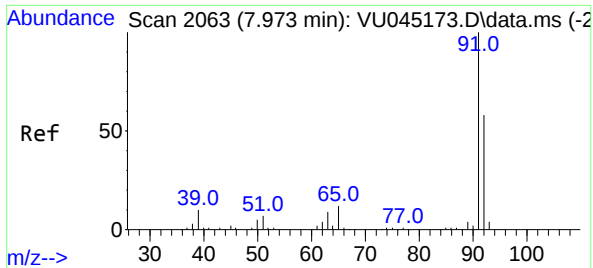
Tgt Ion: 96 Resp: 1605  
Ion Ratio Lower Upper  
96 100  
61 138.4 100.2 186.0  
68 0.0 0.0 0.0



#34  
Trichloroethene  
Concen: 1.160 ug/L  
RT: 6.542 min Scan# 1618  
Delta R.T. -0.003 min  
Lab File: VU045188.D  
Acq: 06 Oct 2021 16:14

Tgt Ion: 95 Resp: 2770  
Ion Ratio Lower Upper  
95 100  
97 63.2 44.4 82.4  
132 100.6 62.9 116.9  
130 99.7 65.0 120.8





#42  
Toluene  
Concen: 0.651 ug/L  
RT: 7.973 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: VU045188.D  
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Instrument :  
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Tgt Ion: 91 Resp: 6582  
Ion Ratio Lower Upper  
91 100  
92 54.3 40.5 75.1

