

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121223\  
 Data File : VU056791.D  
 Acq On : 12 Dec 2023 17:20  
 Operator : MD/SY  
 Sample : 05664-11  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EOY69

Quant Time: Dec 13 00:34:16 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Dec 13 00:30:00 2023  
 Response via : Initial Calibration

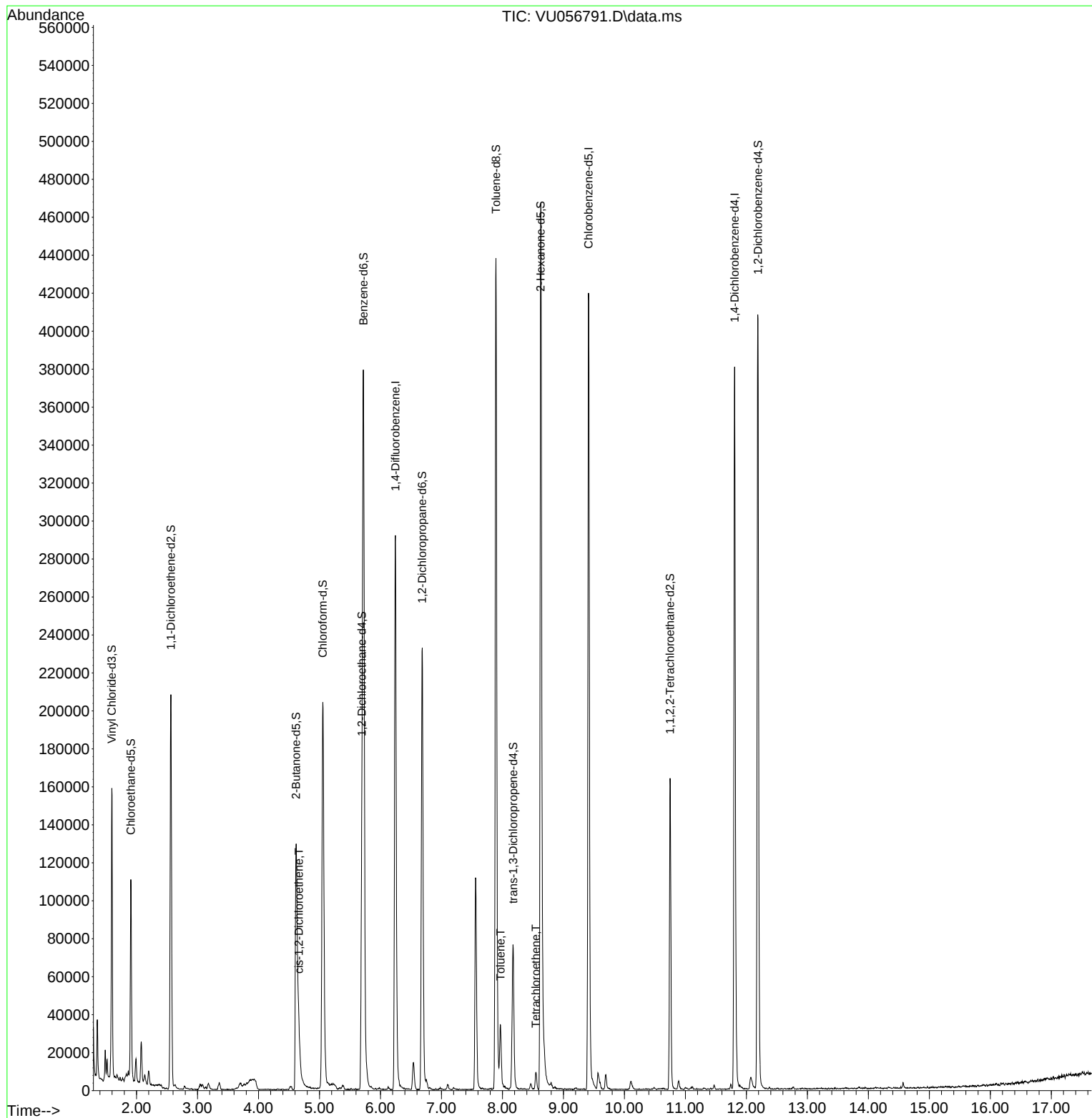
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 239035   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 242349   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 98246    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 92640    | 4.521    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 90.400%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 78872    | 5.144    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 102.800% |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 40769    | 4.651    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 93.000%  |
| 20) 2-Butanone-d5             | 4.618  | 46    | 203923   | 50.397   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 100.800% |
| 24) Chloroform-d              | 5.055  | 84    | 195212   | 5.031    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 100.600% |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 94945    | 5.171    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 103.400% |
| 32) Benzene-d6                | 5.721  | 84    | 363880   | 4.841    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 96.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 114115   | 4.850    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 97.000%  |
| 41) Toluene-d8                | 7.894  | 98    | 302438   | 4.502    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 90.000%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 43191    | 4.734    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 94.600%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 161300   | 46.872   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 93.740%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 82924    | 4.871    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 97.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 107528   | 5.568    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 111.400% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96    | 8623     | 0.403    | ug/L  | 89       |
| 42) Toluene                   | 7.968  | 91    | 24945    | 0.283    | ug/L  | 96       |
| 47) Tetrachloroethene         | 8.547  | 164   | 2140     | 0.131    | ug/L  | 90       |
| -----                         |        |       |          |          |       |          |

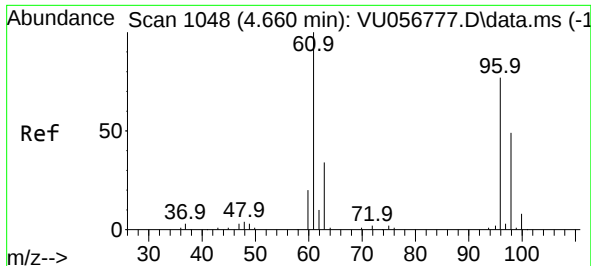
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.403 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU056791.D

Acq: 12 Dec 2023 17:20

Instrument :

MSVOA\_U

ClientSampleId :

E0Y69

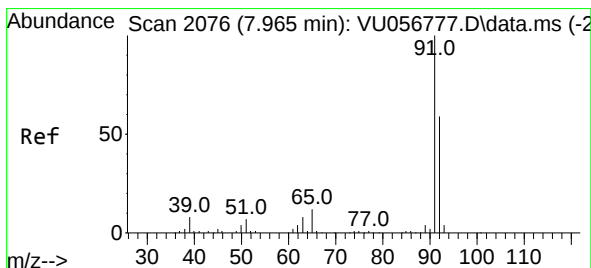
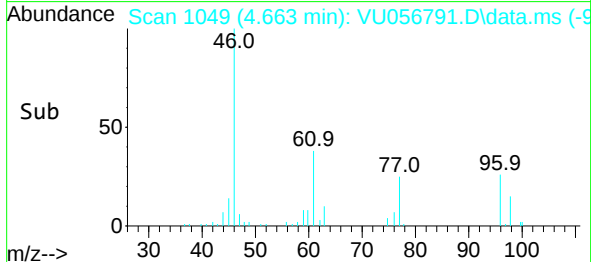
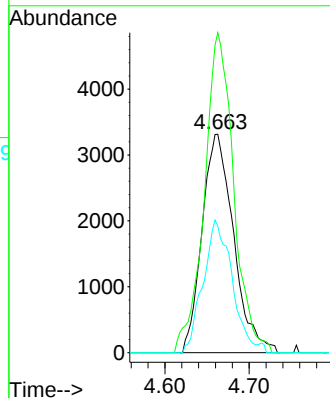
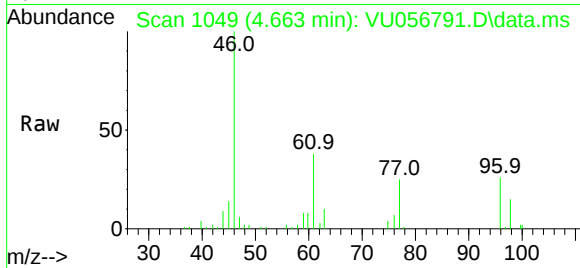
Tgt Ion: 96 Resp: 8623

Ion Ratio Lower Upper

96 100

61 146.6 91.3 169.6

98 57.9 44.2 82.0



#42

Toluene

Concen: 0.283 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU056791.D

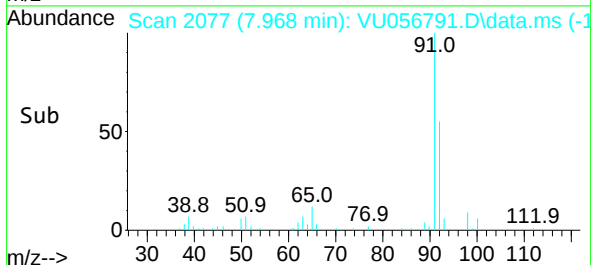
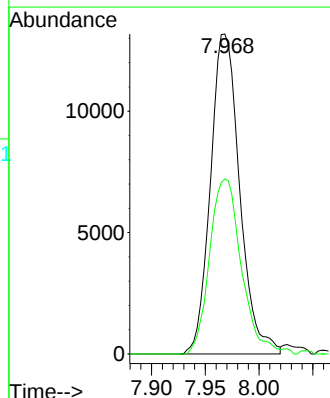
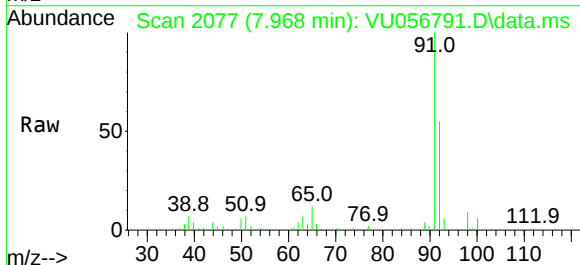
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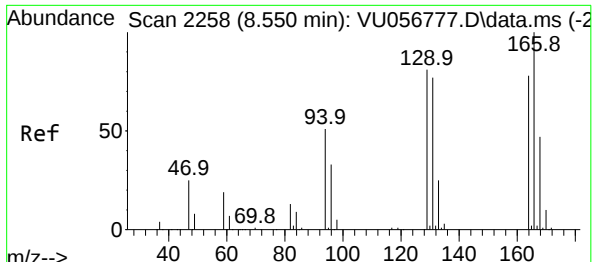
Tgt Ion: 91 Resp: 24945

Ion Ratio Lower Upper

91 100

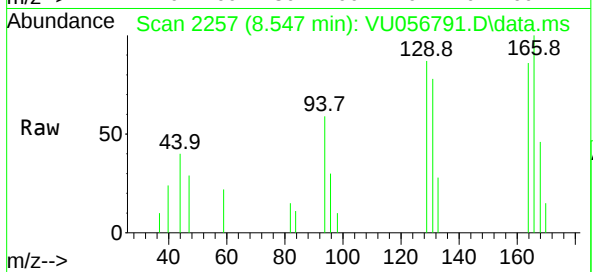
92 54.7 40.4 75.0





#47  
 Tetrachloroethene  
 Concen: 0.131 ug/L  
 RT: 8.547 min Scan# 21  
 Delta R.T. -0.003 min  
 Lab File: VU056791.D  
 Acq: 12 Dec 2023 17:20

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E0Y69



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 2140  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 100.8 | 73.4  | 136.4 |
| 131      | 90.2  | 71.5  | 132.9 |
| 166      | 116.0 | 92.7  | 172.1 |

