

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122322\  
 Data File : VU052530.D  
 Acq On : 23 Dec 2022 12:29  
 Operator : JC/MD  
 Sample : N6188-05DL 5X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COL39DL

Quant Time: Dec 24 03:55:05 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122022WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Dec 24 03:53:16 2022  
 Response via : Initial Calibration

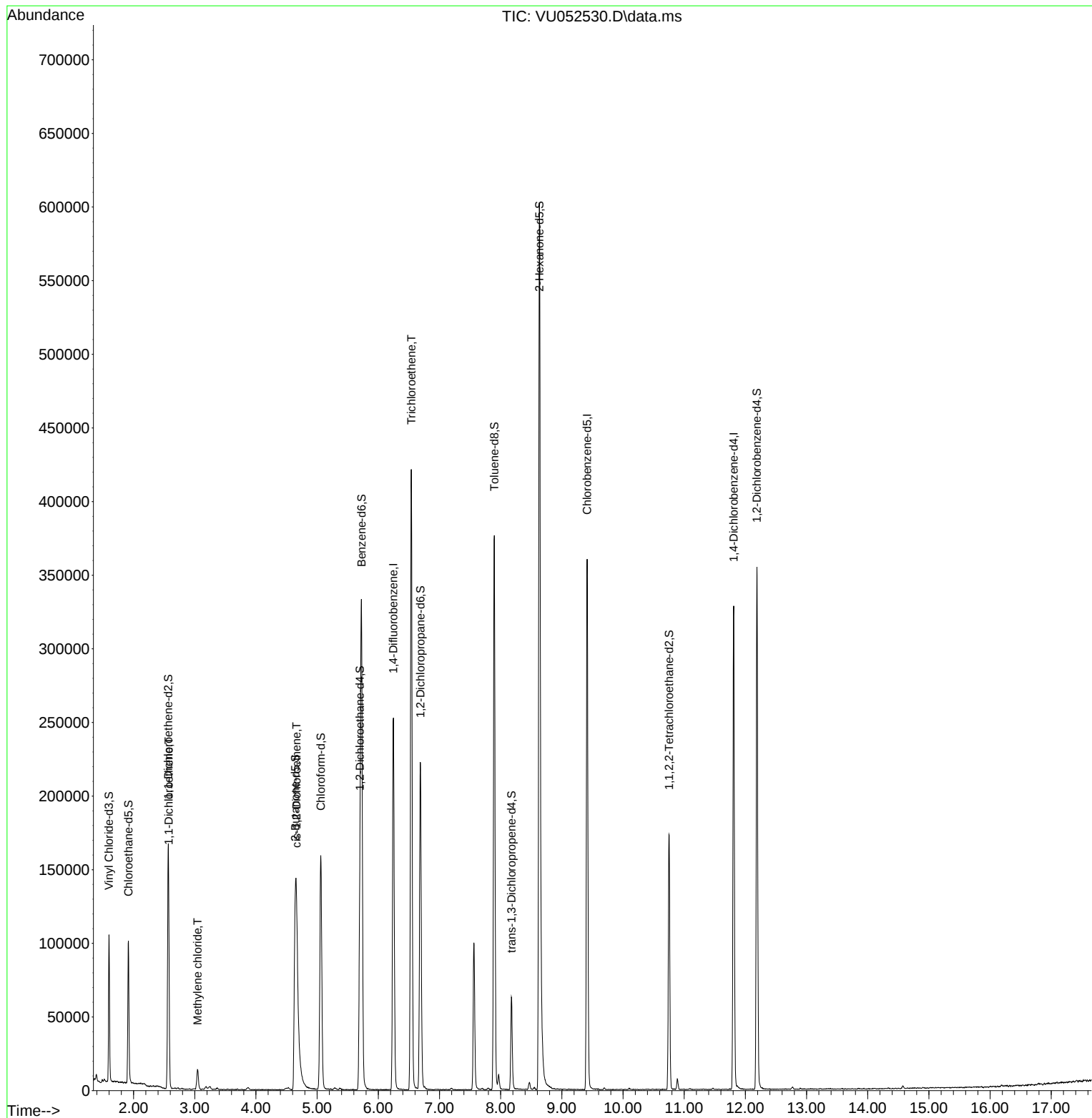
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114   | 198353   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117   | 190002   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 82289    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65    | 72322    | 3.599    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 72.000%  |
| 7) Chloroethane-d5            | 1.916  | 69    | 71648    | 4.134    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 82.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.568  | 65    | 33043    | 3.821    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 76.400%  |
| 20) 2-Butanone-d5             | 4.645  | 46    | 313375   | 50.288   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 100.580% |
| 24) Chloroform-d              | 5.060  | 84    | 149274   | 4.403    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 88.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65    | 90161    | 4.585    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 91.600%  |
| 32) Benzene-d6                | 5.726  | 84    | 307123   | 4.715    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 94.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67    | 107984   | 4.816    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 96.400%  |
| 41) Toluene-d8                | 7.896  | 98    | 244869   | 4.478    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 89.600%  |
| 43) trans-1,3-Dichloroprop... | 8.176  | 79    | 36531    | 4.758    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 95.200%  |
| 46) 2-Hexanone-d5             | 8.632  | 63    | 216943   | 51.641   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 103.280% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84    | 89366    | 4.694    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 93.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.188 | 152   | 89726    | 5.356    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 107.200% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.575  | 96    | 2391     | 0.161    | ug/L  | # 1      |
| 16) Methylene chloride        | 3.044  | 84    | 6492     | 0.309    | ug/L  | 92       |
| 22) cis-1,2-Dichloroethene    | 4.661  | 96    | 16233    | 0.966    | ug/L  | 95       |
| 34) Trichloroethene           | 6.539  | 95    | 144887   | 9.056    | ug/L  | 98       |
| -----                         |        |       |          |          |       |          |

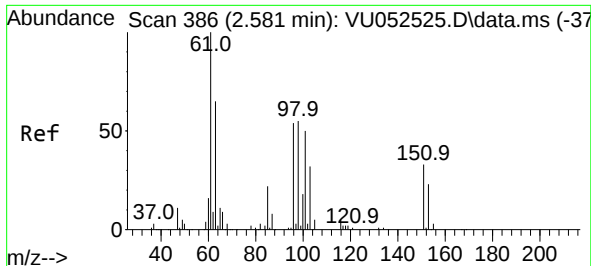
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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C0L39DL

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Dec 24 03:53:16 2022  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.161 ug/L

RT: 2.575 min Scan# 386

Delta R.T. -0.007 min

Lab File: VU052530.D

Acq: 23 Dec 2022 12:29

Instrument :

MSVOA\_U

ClientSampleId :

C0L39DL

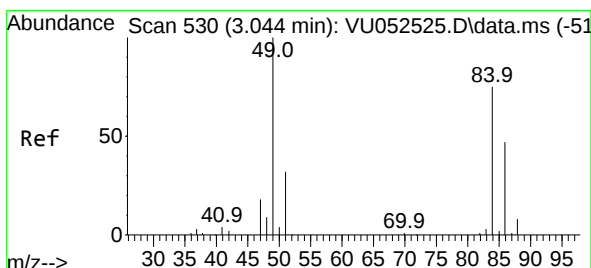
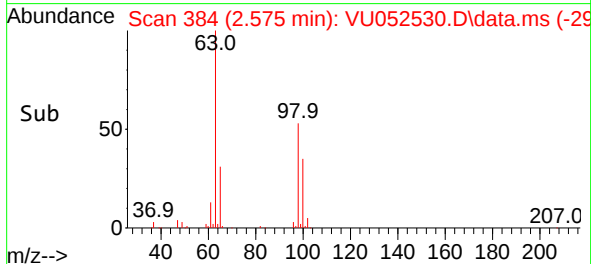
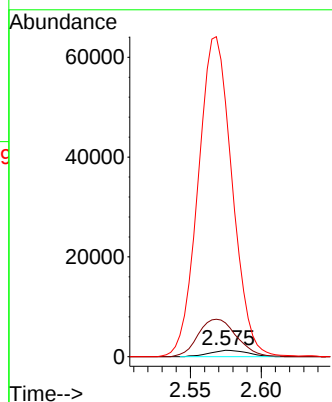
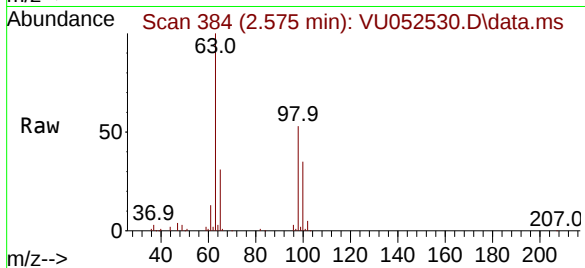
Tgt Ion: 96 Resp: 2391

Ion Ratio Lower Upper

96 100

61 528.7 135.4 251.4#

63 3973.8 95.4 177.2#



#16

Methylene chloride

Concen: 0.309 ug/L

RT: 3.044 min Scan# 530

Delta R.T. -0.000 min

Lab File: VU052530.D

Acq: 23 Dec 2022 12:29

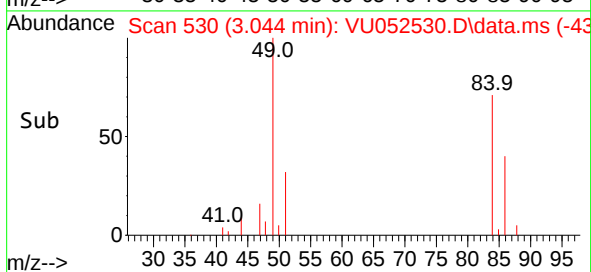
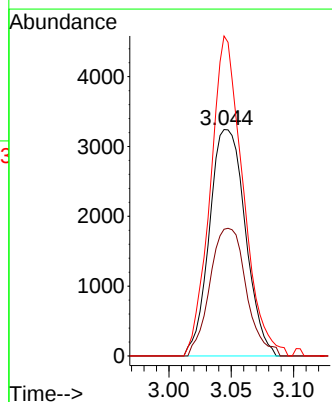
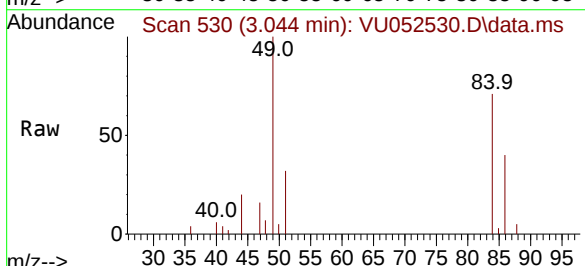
Tgt Ion: 84 Resp: 6492

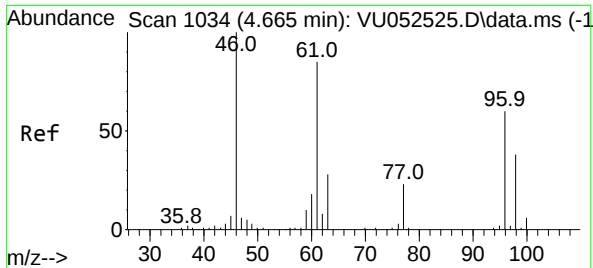
Ion Ratio Lower Upper

84 100

86 56.0 44.7 83.1

49 141.3 93.3 173.3

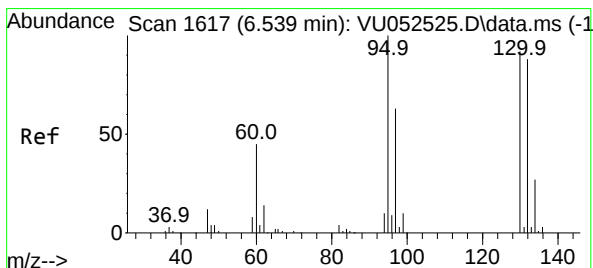
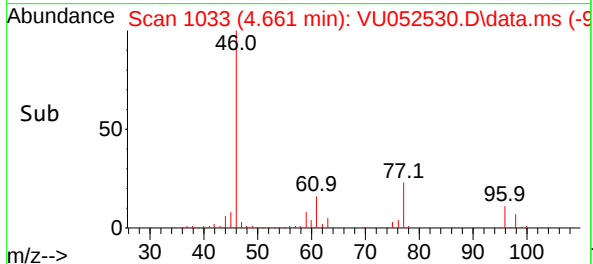
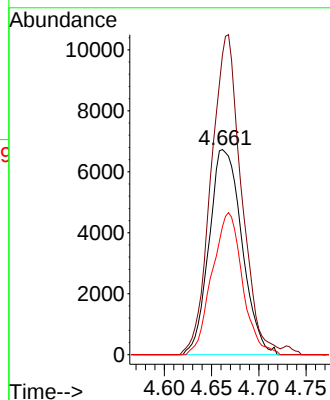
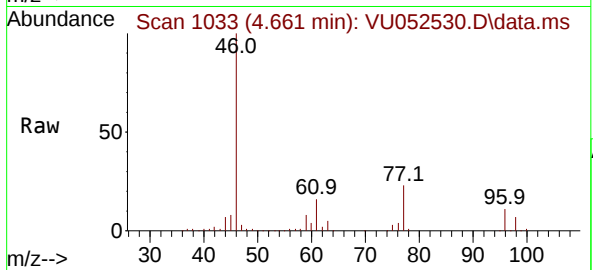




#22  
cis-1,2-Dichloroethene  
Concen: 0.966 ug/L  
RT: 4.661 min Scan# 1033  
Delta R.T. -0.003 min  
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Tgt Ion: 96 Resp: 16233  
Ion Ratio Lower Upper  
96 100  
61 146.1 96.9 180.1  
98 62.4 44.7 83.1



#34  
Trichloroethene  
Concen: 9.056 ug/L  
RT: 6.539 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: VU052530.D  
Acq: 23 Dec 2022 12:29

Tgt Ion: 95 Resp: 144887  
Ion Ratio Lower Upper  
95 100  
97 65.6 46.3 86.1  
132 92.7 63.9 118.7  
130 97.1 65.9 122.5

