

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110124\  
 Data File : VU061364.D  
 Acq On : 01 Nov 2024 15:51  
 Operator : MD/SY  
 Sample : P4625-04  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AA5

Quant Time: Nov 04 04:01:14 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 01 00:44:02 2024  
 Response via : Initial Calibration

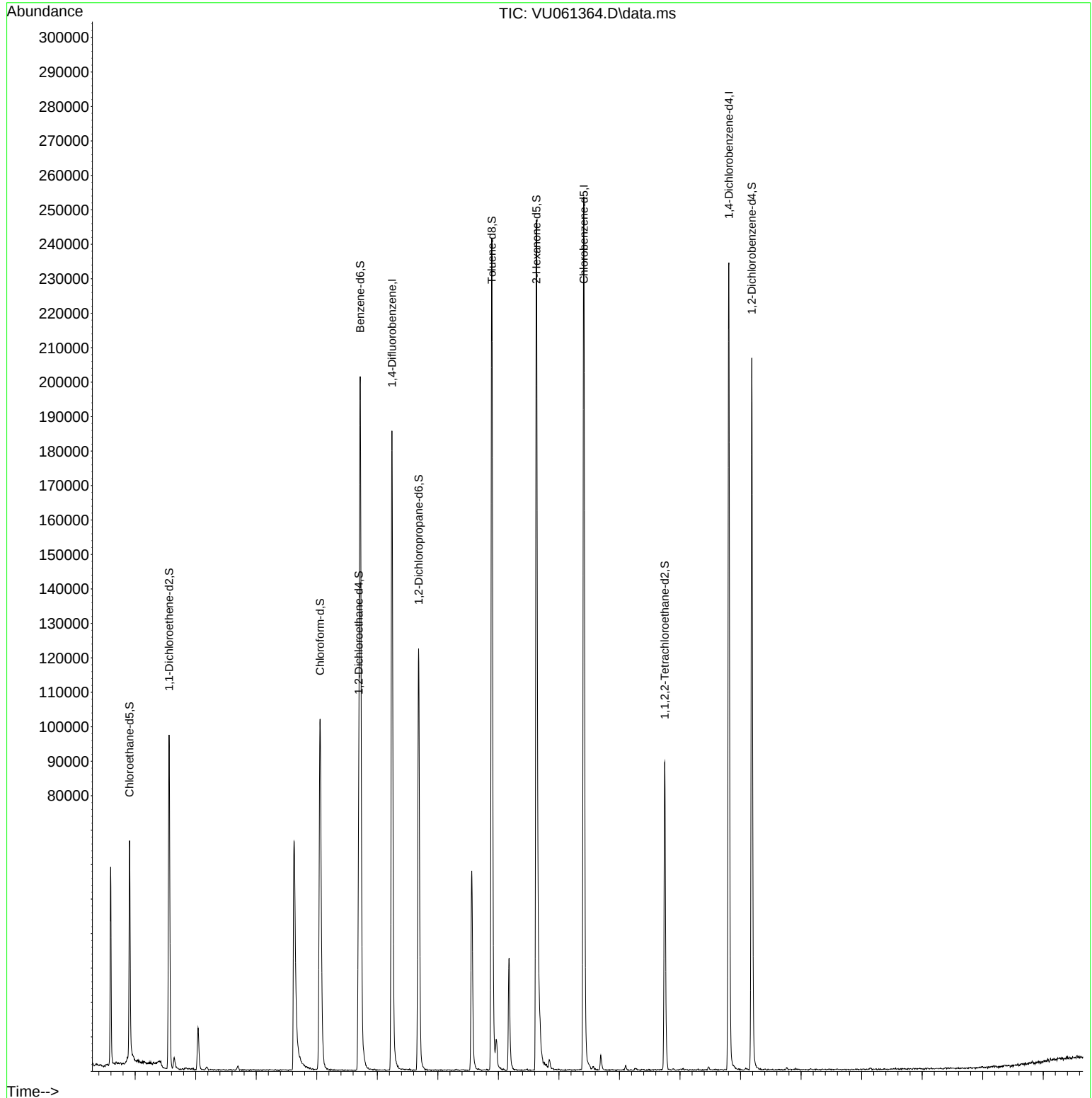
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 160554   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 147978   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 65686    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 39715    | 3.641    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 72.800%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 44190    | 4.420    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 88.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 18247    | 3.910    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 78.200%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 106899   | 48.276   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 96.560%  |
| 24) Chloroform-d              | 5.055  | 84    | 95378    | 4.607    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 50191    | 4.864    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 97.200%  |
| 32) Benzene-d6                | 5.718  | 84    | 193626   | 4.644    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 59757    | 4.767    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 95.400%  |
| 41) Toluene-d8                | 7.891  | 98    | 173466   | 4.449    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 89.000%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 20651    | 4.036    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 80.800%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 94261    | 44.976   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 89.960%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 44723    | 4.718    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 94.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 57056    | 4.905    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 98.200%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 16) Methylene chloride        | 3.042  | 84    | 6504     | 0.581    | ug/L   | 93       |
| 25) Chloroform                | 5.075  | 83    | 11541    | 0.554    | ug/L   | 100      |
| 42) Toluene                   | 7.965  | 91    | 6270     | 0.126    | ug/L   | 89       |
| 57) 1,1,2,2-Tetrachloroethane | 10.775 | 83    | 2054     | 0.204    | ug/L # | 91       |
| -----                         |        |       |          |          |        |          |

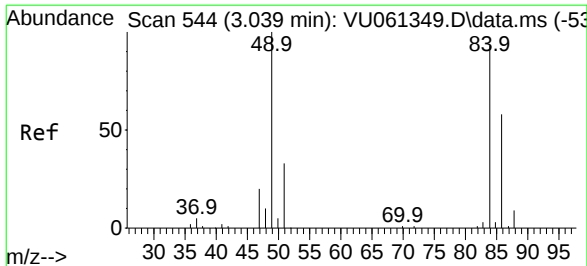
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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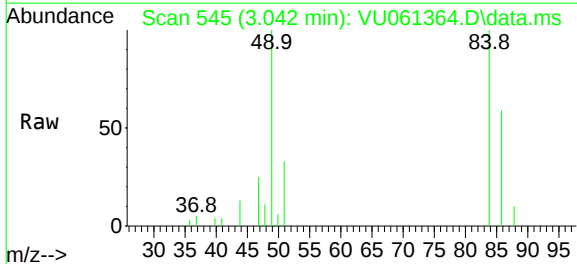
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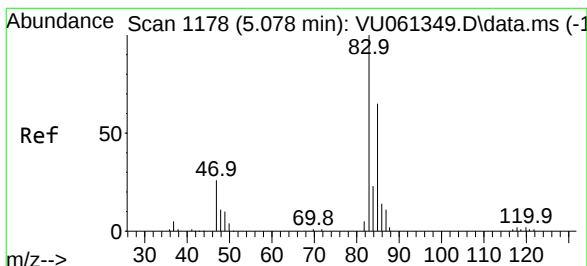
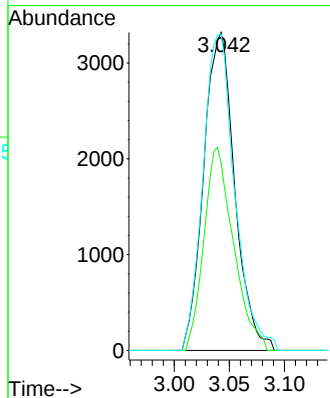
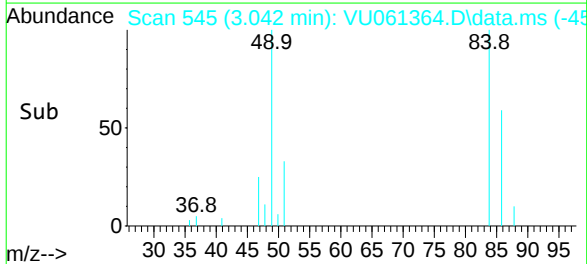


#16  
Methylene chloride  
Concen: 0.581 ug/L  
RT: 3.042 min Scan# 54  
Delta R.T. 0.003 min  
Lab File: VU061364.D  
Acq: 01 Nov 2024 15:51

Instrument :  
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ClientSampleId :  
C0AA5

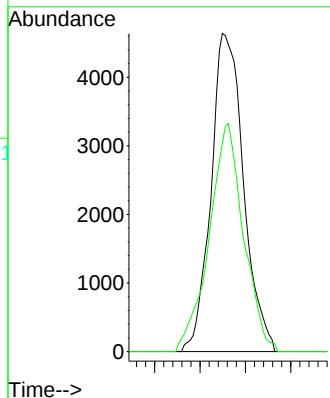
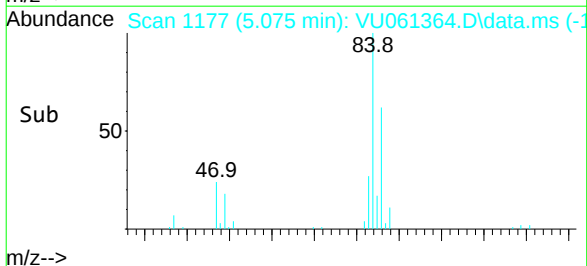
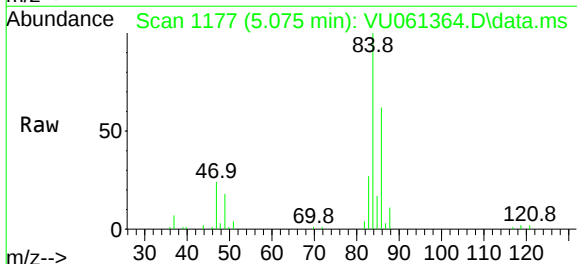


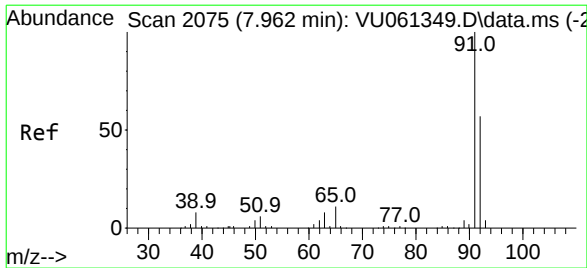
Tgt Ion: 84 Resp: 6504  
Ion Ratio Lower Upper  
84 100  
86 59.1 43.5 80.7  
49 99.5 75.7 140.7



#25  
Chloroform  
Concen: 0.554 ug/L  
RT: 5.075 min Scan# 1177  
Delta R.T. -0.003 min  
Lab File: VU061364.D  
Acq: 01 Nov 2024 15:51

Tgt Ion: 83 Resp: 11541  
Ion Ratio Lower Upper  
83 100  
85 65.4 45.6 84.6





#42

Toluene

Concen: 0.126 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061364.D

Acq: 01 Nov 2024 15:51

Instrument :

MSVOA\_U

ClientSampleId :

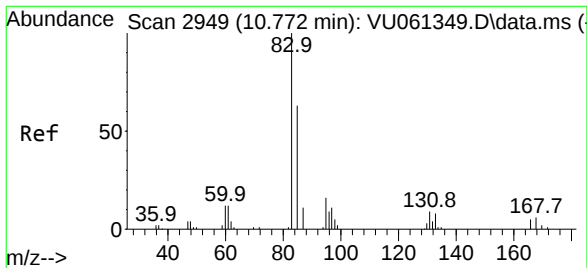
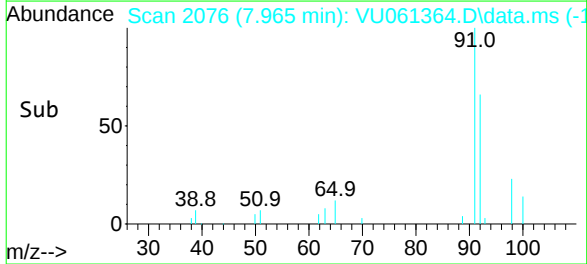
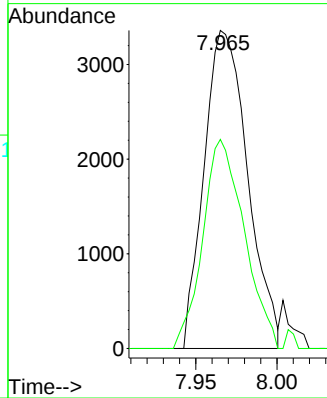
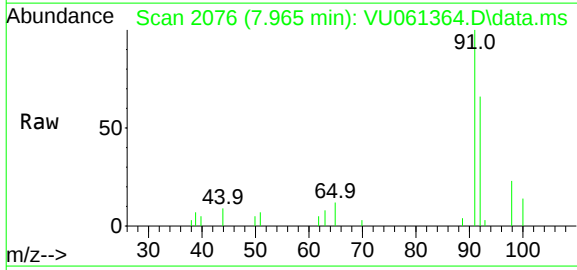
C0AA5

Tgt Ion: 91 Resp: 6270

Ion Ratio Lower Upper

91 100

92 65.7 40.3 74.8



#57

1,1,2,2-Tetrachloroethane

Concen: 0.204 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU061364.D

Acq: 01 Nov 2024 15:51

Tgt Ion: 83 Resp: 2054

Ion Ratio Lower Upper

83 100

85 59.5 45.3 84.1

131 0.0 7.6 11.4#

