

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU112024\  
 Data File : VU061900.D  
 Acq On : 21 Nov 2024 06:32  
 Operator : MD/SY  
 Sample : P4875-09  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E2A23

Quant Time: Nov 21 11:56:53 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR112024WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 21 03:29:06 2024  
 Response via : Initial Calibration

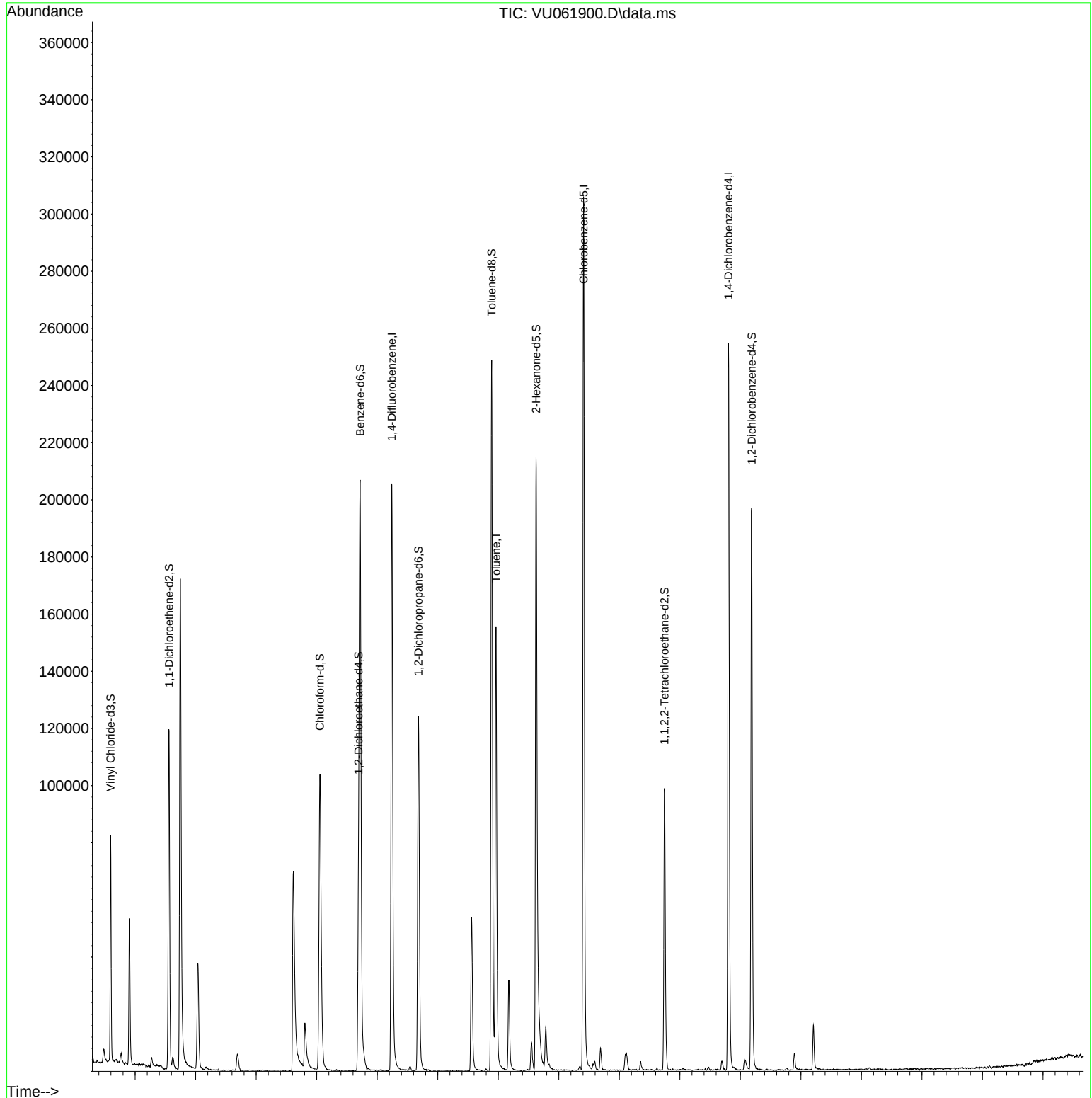
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 175913   | 5.000    | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 174653   | 5.000    | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 67982    | 5.000    | ug/L  | 0.00      |
|                               |        |       |          |          |       |           |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 54070    | 6.266    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 125.400%  |
| 7) Chloroethane-d5            | 1.904  | 69    | 39153    | 5.129    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 102.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 23698    | 6.874    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 137.400%# |
| 20) 2-Butanone-d5             | 4.615  | 46    | 112463   | 41.505   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 83.000%   |
| 24) Chloroform-d              | 5.052  | 84    | 99005    | 4.703    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 94.000%   |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 49530    | 4.572    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 91.400%   |
| 32) Benzene-d6                | 5.717  | 84    | 199044   | 5.849    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 117.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.679  | 67    | 64407    | 5.570    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 111.400%  |
| 41) Toluene-d8                | 7.891  | 98    | 176321   | 6.212    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 124.200%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 20040    | 4.682    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 93.600%   |
| 46) 2-Hexanone-d5             | 8.624  | 63    | 76765    | 39.290   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 78.580%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 50382    | 4.361    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 87.200%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 52381    | 5.211    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 104.200%  |
|                               |        |       |          |          |       |           |
| Target Compounds              |        |       |          |          |       |           |
| 16) Methylene chloride        | 3.036  | 84    | 19014    | 1.342    | ug/L  | 97        |
| 25) Chloroform                | 5.078  | 83    | 17254    | 0.679    | ug/L  | 98        |
| 42) Toluene                   | 7.962  | 91    | 120324   | 2.174    | ug/L  | 96        |
| 53) m,p-Xylene                | 9.692  | 106   | 2421     | 0.104    | ug/L  | 98        |
| 55) Styrene                   | 10.119 | 104   | 3211     | 0.083    | ug/L  | 93        |
| -----                         |        |       |          |          |       |           |

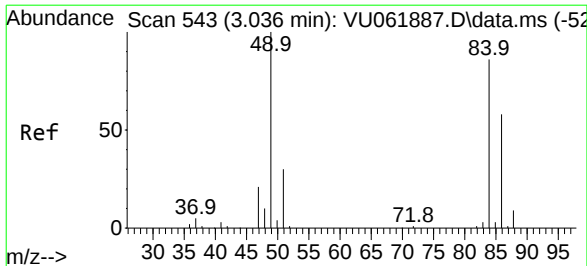
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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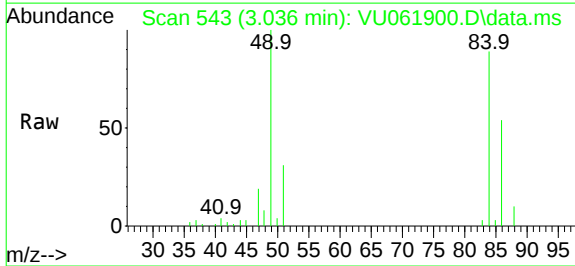
Quant Time: Nov 21 11:56:53 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR112024WMA.M  
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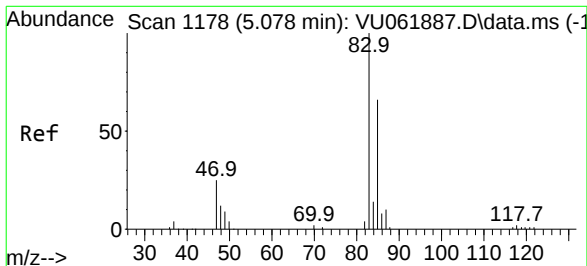
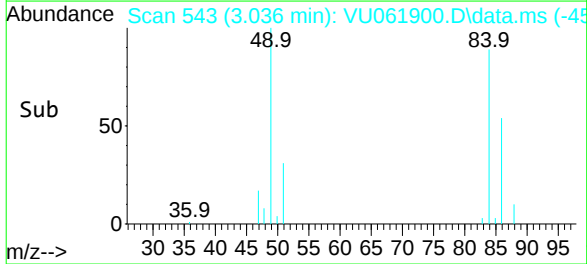
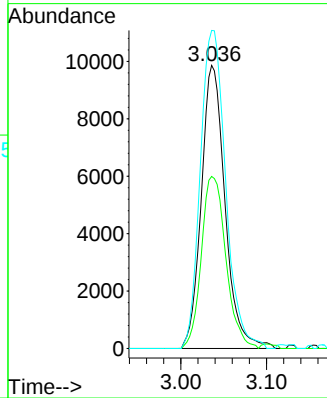


#16  
Methylene chloride  
Concen: 1.342 ug/L  
RT: 3.036 min Scan# 543  
Delta R.T. 0.000 min  
Lab File: VU061900.D  
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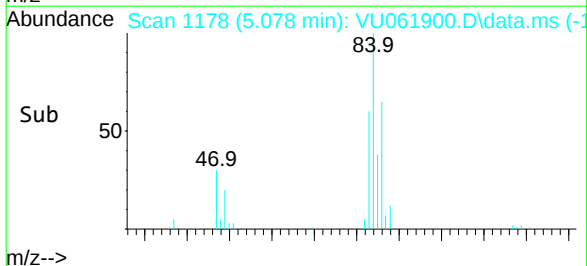
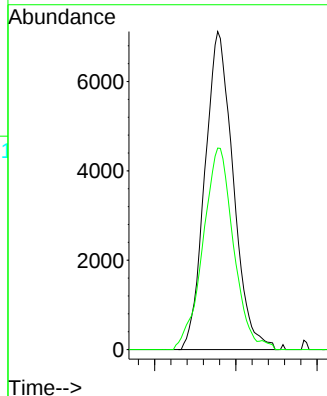
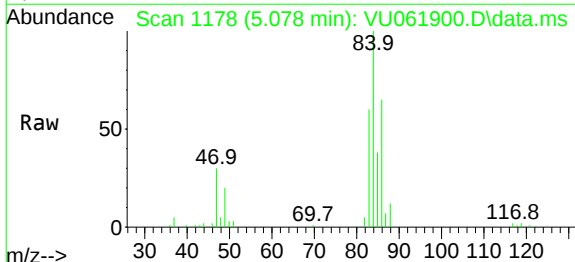


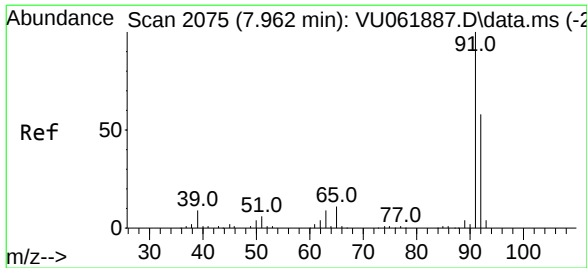
Tgt Ion: 84 Resp: 19014  
Ion Ratio Lower Upper  
84 100  
86 60.8 43.5 80.7  
49 112.4 81.9 152.1



#25  
Chloroform  
Concen: 0.679 ug/L  
RT: 5.078 min Scan# 1178  
Delta R.T. 0.000 min  
Lab File: VU061900.D  
Acq: 21 Nov 2024 06:32

Tgt Ion: 83 Resp: 17254  
Ion Ratio Lower Upper  
83 100  
85 63.4 45.4 84.2





#42

Toluene

Concen: 2.174 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061900.D

Acq: 21 Nov 2024 06:32

Instrument :

MSVOA\_U

ClientSampleId :

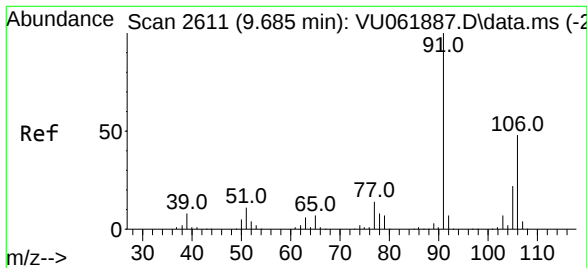
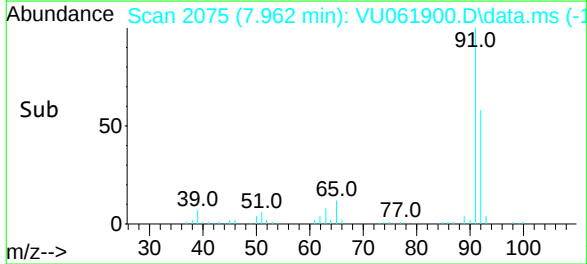
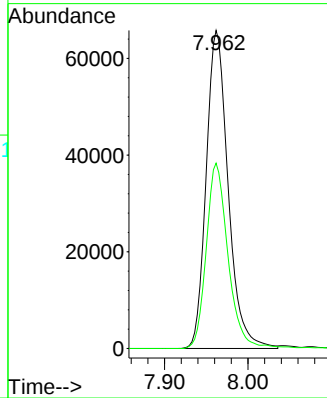
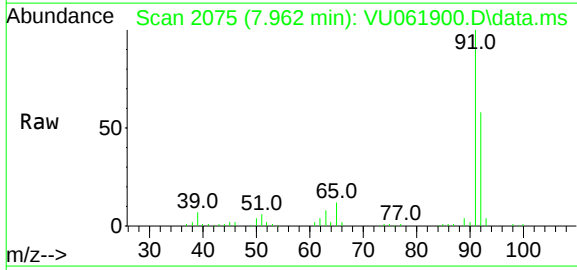
E2A23

Tgt Ion: 91 Resp: 120324

Ion Ratio Lower Upper

91 100

92 58.3 39.0 72.4



#53

m,p-Xylene

Concen: 0.104 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.006 min

Lab File: VU061900.D

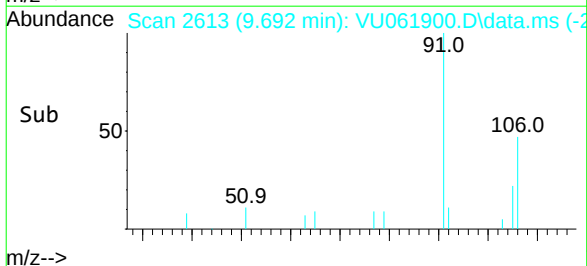
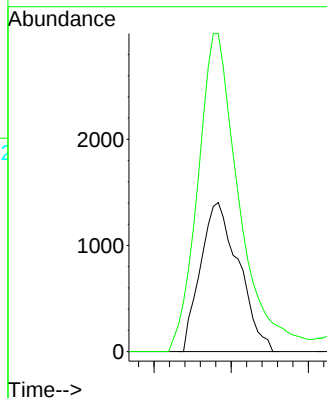
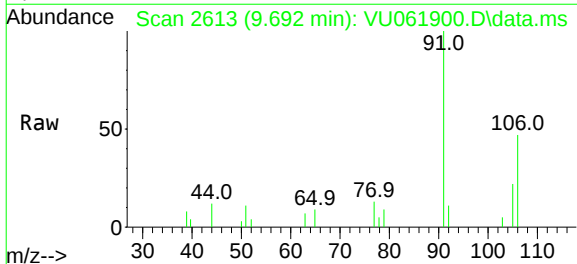
Acq: 21 Nov 2024 06:32

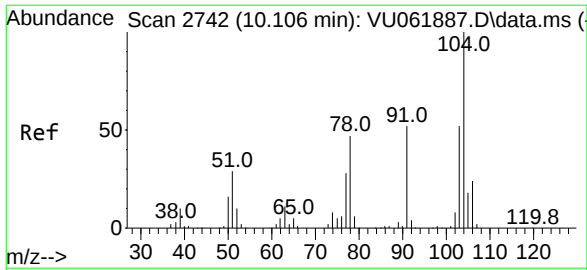
Tgt Ion: 106 Resp: 2421

Ion Ratio Lower Upper

106 100

91 213.3 147.6 274.0





#55  
Styrene  
Concen: 0.083 ug/L  
RT: 10.119 min Scan# 27  
Delta R.T. 0.013 min  
Lab File: VU061900.D  
Acq: 21 Nov 2024 06:32

Instrument :  
MSVOA\_U  
ClientSampleId :  
E2A23

Tgt Ion:104 Resp: 3211  
Ion Ratio Lower Upper  
104 100  
78 52.0 33.2 61.7

