

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU101124\  
 Data File : VU061118.D  
 Acq On : 11 Oct 2024 15:02  
 Operator : MD/SY  
 Sample : P4389-04  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E27J8

Quant Time: Oct 14 04:19:22 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR100124WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Oct 11 06:46:55 2024  
 Response via : Initial Calibration

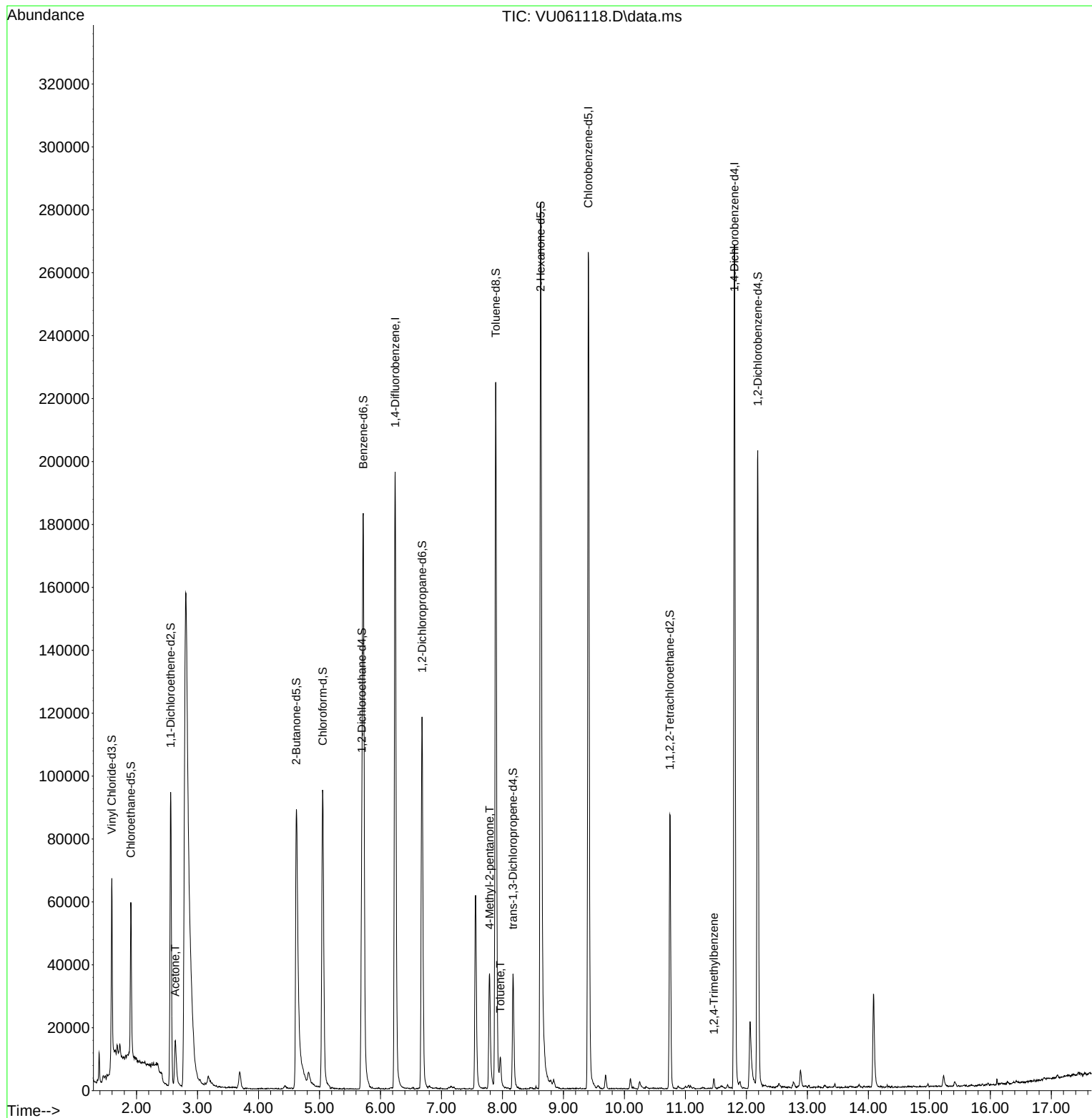
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 165081   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 151095   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 69511    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 38075    | 3.226    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 64.600%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 35442    | 4.012    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 80.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 18184    | 3.493    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 69.800%  |
| 20) 2-Butanone-d5             | 4.621  | 46    | 135646   | 47.980   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 95.960%  |
| 24) Chloroform-d              | 5.052  | 84    | 87854    | 4.224    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 46771    | 4.242    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 84.800%  |
| 32) Benzene-d6                | 5.717  | 84    | 170292   | 4.274    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 85.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 58403    | 4.464    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 89.200%  |
| 41) Toluene-d8                | 7.891  | 98    | 154197   | 4.141    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 82.800%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 22416    | 4.007    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 80.200%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 111022   | 47.947   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 95.900%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 44725    | 4.661    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 93.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 52719    | 4.743    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 94.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.634  | 43    | 19840    | 10.912   | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 7.788  | 43    | 27719    | 3.687    | ug/L   | 95       |
| 42) Toluene                   | 7.965  | 91    | 7264     | 0.153    | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 11.466 | 105   | 2338     | 0.057    | ug/L   | 89       |
| -----                         |        |       |          |          |        |          |

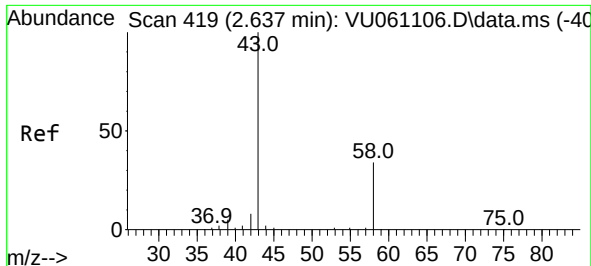
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.912 ug/L

RT: 2.634 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU061118.D

Acq: 11 Oct 2024 15:02

Instrument :

MSVOA\_U

ClientSampleId :

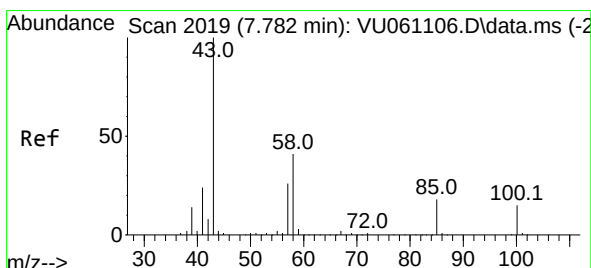
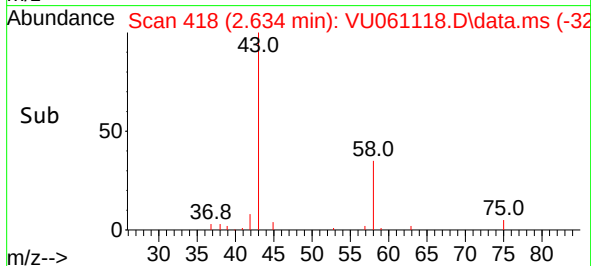
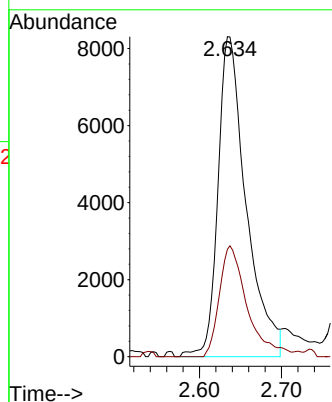
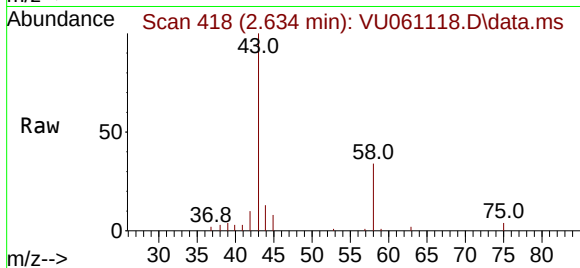
E27J8

Tgt Ion: 43 Resp: 19840

Ion Ratio Lower Upper

43 100

58 34.1 0.0 69.6



#40

4-Methyl-2-pentanone

Concen: 3.687 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.006 min

Lab File: VU061118.D

Acq: 11 Oct 2024 15:02

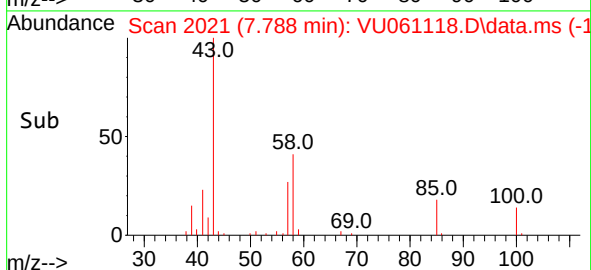
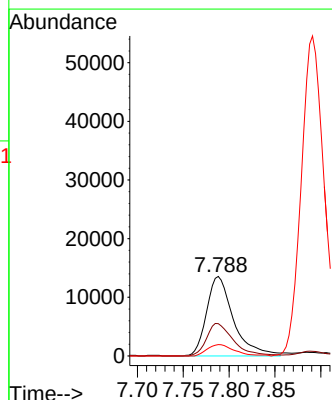
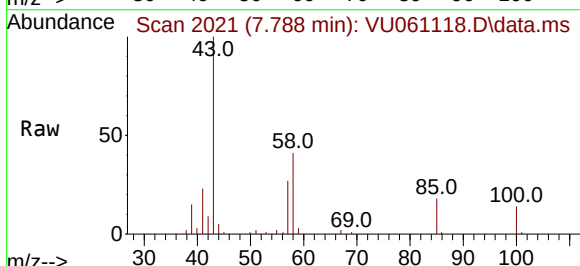
Tgt Ion: 43 Resp: 27719

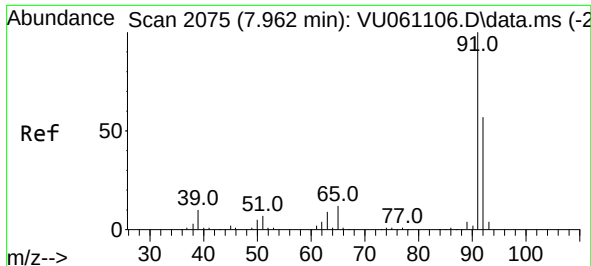
Ion Ratio Lower Upper

43 100

58 40.6 34.9 52.3

100 14.5 13.4 20.0





#42

Toluene

Concen: 0.153 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061118.D

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Instrument :

MSVOA\_U

ClientSampleId :

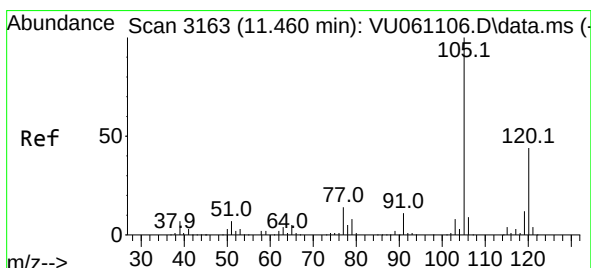
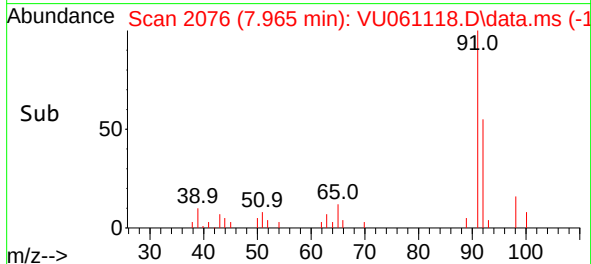
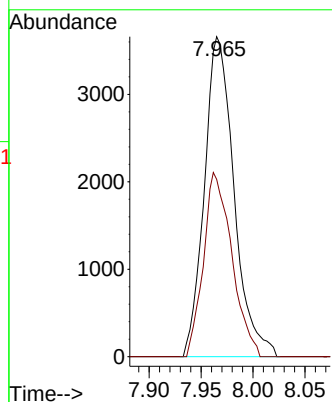
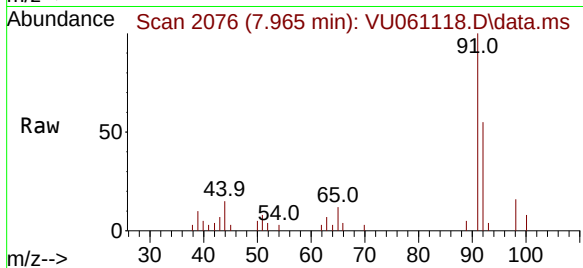
E27J8

Tgt Ion: 91 Resp: 7264

Ion Ratio Lower Upper

91 100

92 55.4 40.5 75.3



#63

1,2,4-Trimethylbenzene

Concen: 0.057 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. 0.006 min

Lab File: VU061118.D

Acq: 11 Oct 2024 15:02

Tgt Ion: 105 Resp: 2338

Ion Ratio Lower Upper

105 100

120 37.7 36.1 54.1

