

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072524\  
 Data File : VU060203.D  
 Acq On : 26 Jul 2024 04:12  
 Operator : MD/SY  
 Sample : P3347-04  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jul 26 05:12:58 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM070224WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 26 04:34:35 2024  
 Response via : Initial Calibration

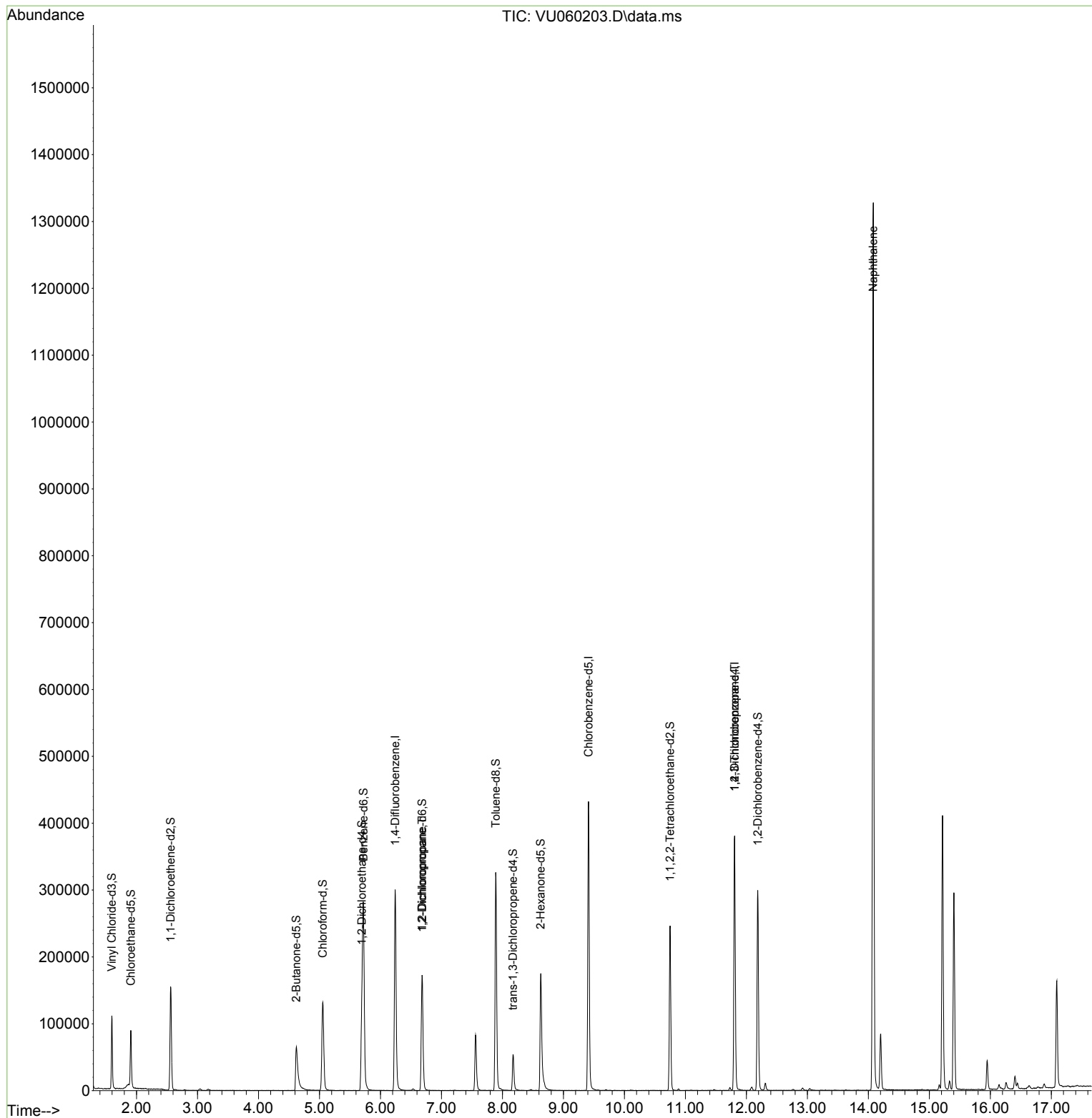
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242          | 114  | 256684     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412          | 117  | 252979     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807         | 152  | 107923     | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596          | 65   | 79797      | 48.418   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 96.840%  |        |          |
| 7) Chloroethane-d5            | 1.907          | 69   | 64504      | 46.531   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 93.060%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.560          | 63   | 94775      | 32.369   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 64.740%  |        |          |
| 21) 2-Butanone-d5             | 4.621          | 46   | 105482     | 92.096   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 92.100%  |        |          |
| 24) Chloroform-d              | 5.055          | 84   | 128519     | 40.268   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 80.540%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.695          | 65   | 80941      | 42.653   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 85.300%  |        |          |
| 32) Benzene-d6                | 5.721          | 84   | 272621     | 42.084   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 84.160%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.682          | 67   | 91892      | 45.833   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 91.660%  |        |          |
| 41) Toluene-d8                | 7.891          | 98   | 229150     | 37.197   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 74.400%# |        |          |
| 43) trans-1,3-Dichloroprop... | 8.174          | 79   | 35200      | 37.519   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 75.040%  |        |          |
| 47) 2-Hexanone-d5             | 8.627          | 63   | 62784      | 74.304   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 74.300%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750         | 84   | 131481     | 42.726   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 85.460%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187         | 152  | 82771      | 41.736   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 83.480%  |        |          |
| Target Compounds              |                |      |            |          |        |          |
|                               |                |      |            |          | Qvalue |          |
| 37) 1,2-Dichloropropane       | 6.685          | 63   | 8495       | 4.518    | ug/L # | 88       |
| 60) 1,2,3-Trichloropropane    | 11.807         | 75   | 12992      | 6.343    | ug/L # | 65       |
| 71) Naphthalene               | 14.081         | 128  | 1028234    | 167.821  | ug/L   | 100      |
| -----                         |                |      |            |          |        |          |

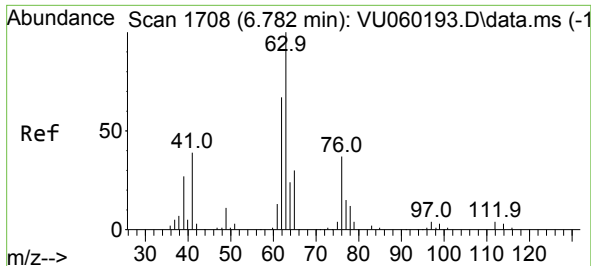
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#37

1,2-Dichloropropane

Concen: 4.518 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU060203.D

Acq: 26 Jul 2024 04:12

Instrument :

MSVOA\_U

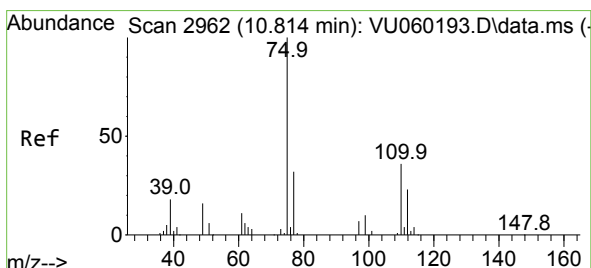
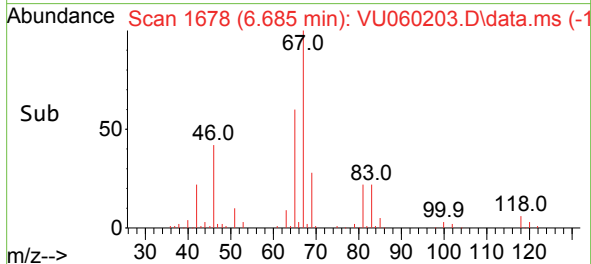
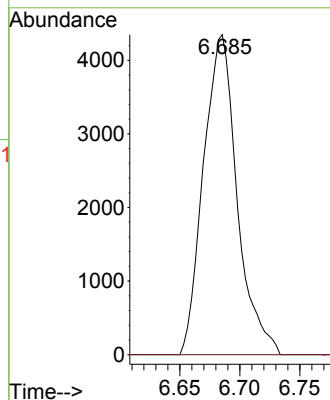
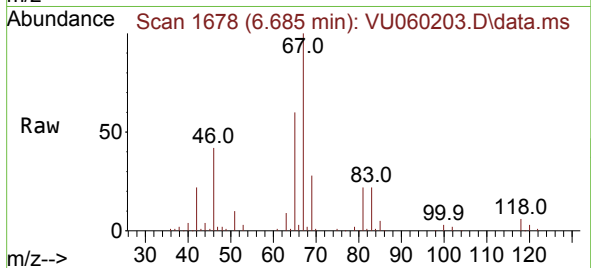
ClientSampleId :

Tgt Ion: 63 Resp: 8495

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#60

1,2,3-Trichloropropane

Concen: 6.343 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.994 min

Lab File: VU060203.D

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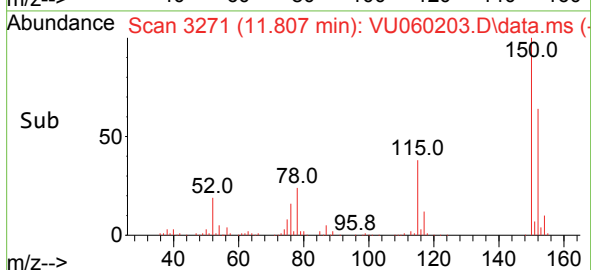
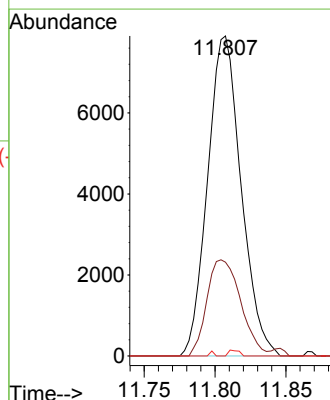
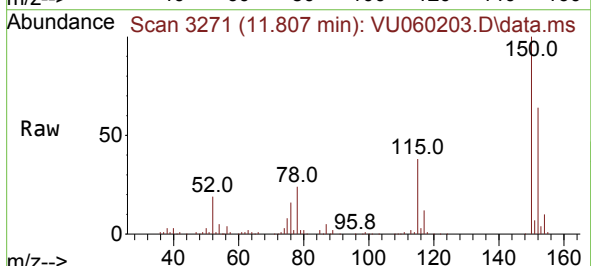
Tgt Ion: 75 Resp: 12992

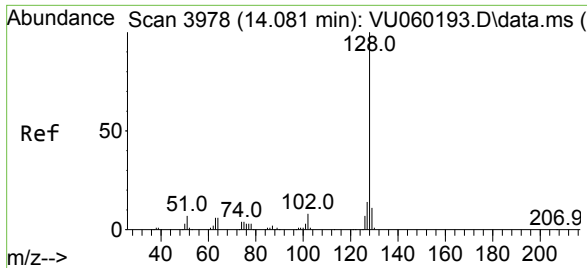
Ion Ratio Lower Upper

75 100

77 30.3 25.5 38.3

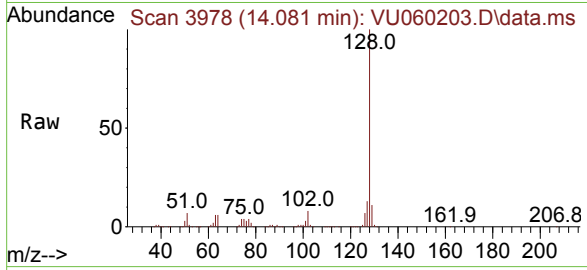
110 0.6 30.7 46.1#





#71  
Naphthalene  
Concen: 167.821 ug/L  
RT: 14.081 min Scan# 3978  
Delta R.T. 0.000 min  
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Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion:128 Resp: 1028234  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.4 15.6  
129 10.8 8.6 13.0

