

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU010824\  
 Data File : VU057423.D  
 Acq On : 09 Jan 2024 07:59  
 Operator : MD/SY  
 Sample : P1058-19  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 YCHG9

Quant Time: Jan 09 11:35:51 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM010824WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jan 09 06:09:25 2024  
 Response via : Initial Calibration

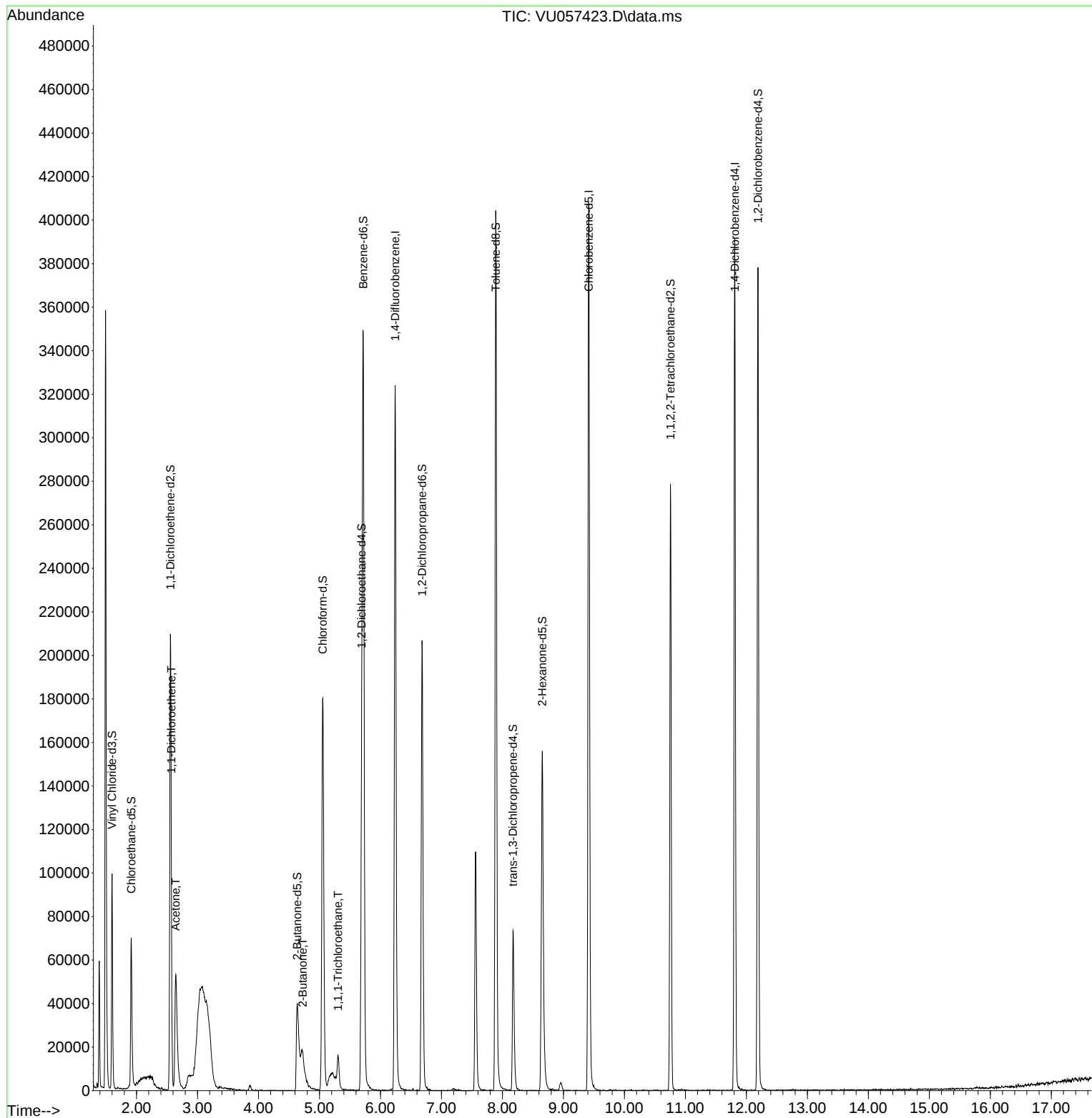
| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 6.242          | 114  | 265441     | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.415          | 117  | 257563     | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.810         | 152  | 103888     | 50.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.599          | 65   | 75136      | 41.127  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 82.260% |       |          |
| 7) Chloroethane-d5            | 1.914          | 69   | 58728      | 41.539  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 83.080% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.557          | 63   | 123437     | 31.877  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 63.760% |       |          |
| 21) 2-Butanone-d5             | 4.634          | 46   | 80009      | 90.379  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 90.380% |       |          |
| 24) Chloroform-d              | 5.055          | 84   | 178136     | 41.233  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 82.460% |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.692          | 65   | 125369     | 43.927  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.860% |       |          |
| 32) Benzene-d6                | 5.717          | 84   | 314667     | 45.513  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 91.020% |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.682          | 67   | 91116      | 46.693  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 93.380% |       |          |
| 41) Toluene-d8                | 7.891          | 98   | 280343     | 43.269  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 86.540% |       |          |
| 43) trans-1,3-Dichloroprop... | 8.174          | 79   | 50475      | 43.336  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 86.680% |       |          |
| 47) 2-Hexanone-d5             | 8.653          | 63   | 62134      | 97.402  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 97.400% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.756         | 84   | 127274     | 43.645  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 87.280% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190         | 152  | 97709      | 48.087  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 96.180% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.570          | 96   | 11027      | 6.131   | ug/L  | # 1      |
| 13) Acetone                   | 2.644          | 43   | 93197      | 86.450  | ug/L  | 93       |
| 22) 2-Butanone                | 4.724          | 43   | 26395      | 24.849  | ug/L  | 75       |
| 30) 1,1,1-Trichloroethane     | 5.306          | 97   | 10148      | 2.561   | ug/L  | 99       |
| -----                         |                |      |            |         |       |          |

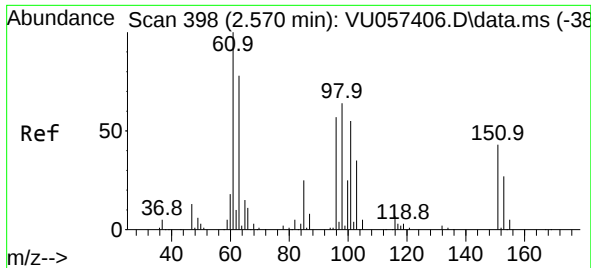
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 09 06:09:25 2024  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 6.131 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.000 min

Lab File: VU057423.D

Acq: 09 Jan 2024 07:59

Instrument :

MSVOA\_U

ClientSampleId :

YCHG9

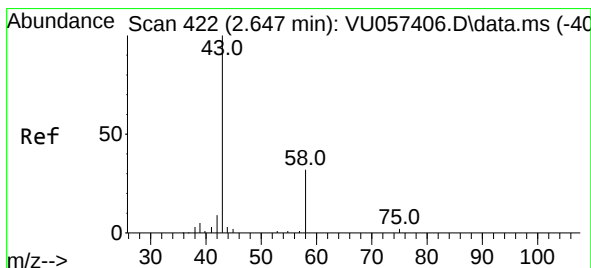
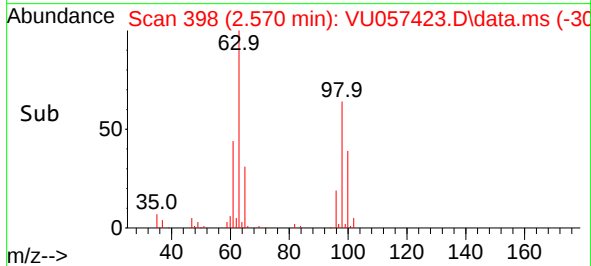
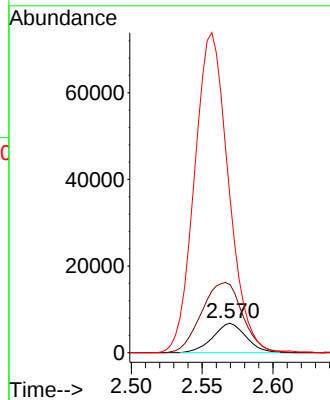
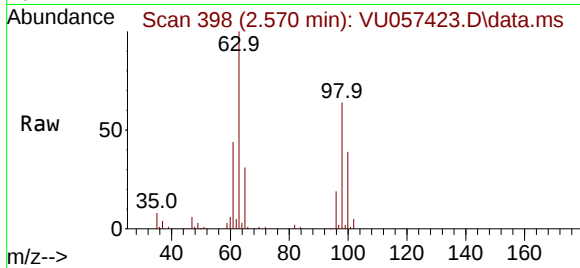
Tgt Ion: 96 Resp: 11027

Ion Ratio Lower Upper

96 100

61 231.8 128.3 238.3

63 524.3 90.4 168.0#



#13

Acetone

Concen: 86.450 ug/L

RT: 2.644 min Scan# 421

Delta R.T. -0.003 min

Lab File: VU057423.D

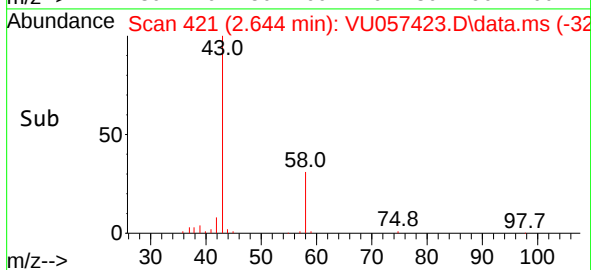
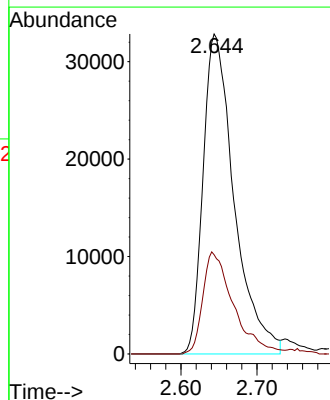
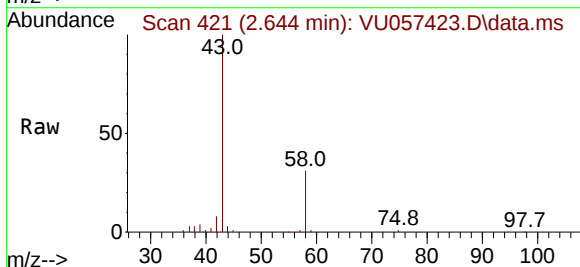
Acq: 09 Jan 2024 07:59

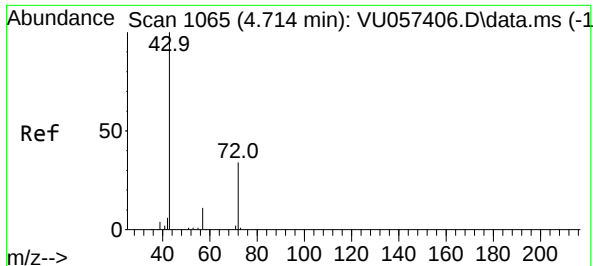
Tgt Ion: 43 Resp: 93197

Ion Ratio Lower Upper

43 100

58 28.5 0.0 65.2





#22

2-Butanone

Concen: 24.849 ug/L

RT: 4.724 min Scan# 1068

Delta R.T. 0.009 min

Lab File: VU057423.D

Acq: 09 Jan 2024 07:59

Instrument :

MSVOA\_U

ClientSampleId :

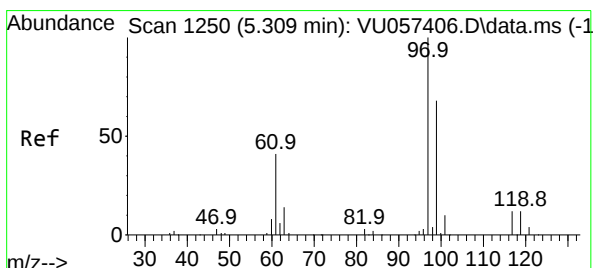
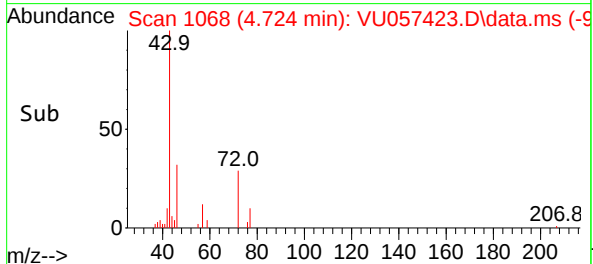
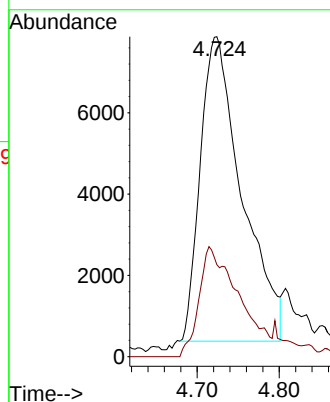
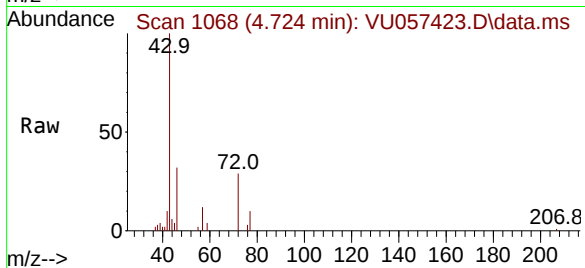
YCHG9

Tgt Ion: 43 Resp: 26395

Ion Ratio Lower Upper

43 100

72 16.7 15.2 45.6



#30

1,1,1-Trichloroethane

Concen: 2.561 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.003 min

Lab File: VU057423.D

Acq: 09 Jan 2024 07:59

Tgt Ion: 97 Resp: 10148

Ion Ratio Lower Upper

97 100

99 64.1 52.1 78.1

61 40.4 31.9 47.9

