

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV060923\  
 Data File : VV031493.D  
 Acq On : 09 Jun 2023 14:14  
 Operator : SY/MD  
 Sample : 03098-13  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001

Quant Time: Jun 10 01:41:57 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM060723WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jun 10 01:38:32 2023  
 Response via : Initial Calibration

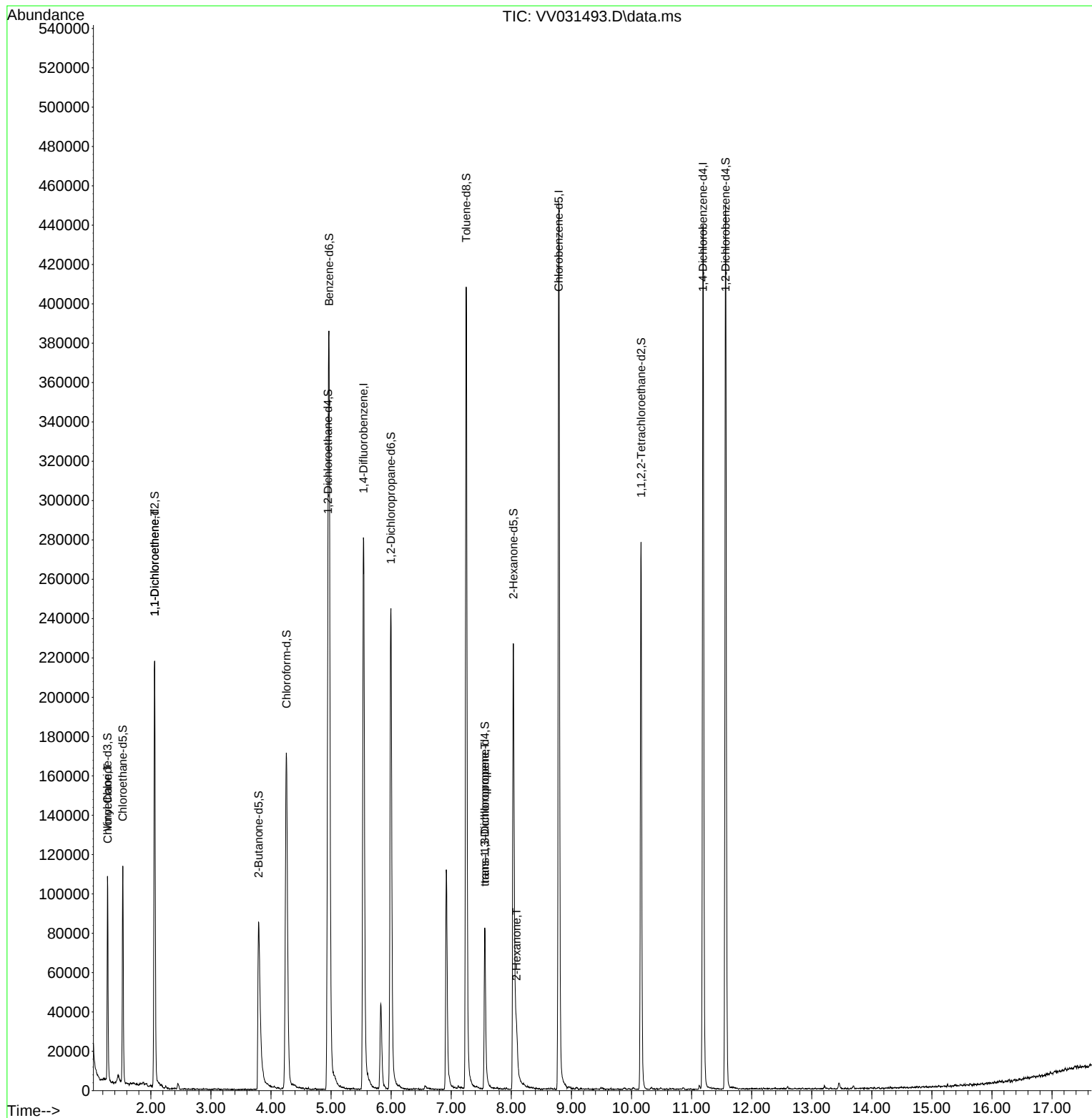
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.538          | 114  | 229170     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789          | 117  | 240959     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191         | 152  | 110714     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 70034      | 34.734   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 69.460%  |        |          |
| 7) Chloroethane-d5            | 1.532          | 69   | 72276      | 44.275   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 88.560%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.063          | 65   | 37970      | 39.734   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 79.460%  |        |          |
| 21) 2-Butanone-d5             | 3.793          | 46   | 147217     | 101.029  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 101.030% |        |          |
| 24) Chloroform-d              | 4.256          | 84   | 183322     | 47.797   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.600%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.947          | 65   | 127875     | 49.699   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 99.400%  |        |          |
| 32) Benzene-d6                | 4.966          | 84   | 317416     | 44.618   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.240%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.995          | 67   | 117418     | 47.484   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 94.960%  |        |          |
| 41) Toluene-d8                | 7.249          | 98   | 269875     | 41.296   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 82.600%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.558          | 79   | 48061      | 38.585   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 77.160%  |        |          |
| 47) 2-Hexanone-d5             | 8.034          | 63   | 70227      | 75.404   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 75.400%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159         | 84   | 131505     | 42.140   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 84.280%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.567         | 152  | 111639     | 54.357   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 108.720% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 8) Chloroethane               | 1.281          | 64   | 1029       | 1.435    | ug/L # | 1        |
| 12) 1,1-Dichloroethene        | 2.063          | 96   | 1217       | 1.331    | ug/L # | 1        |
| 44) trans-1,3-Dichloropropene | 7.561          | 75   | 2297       | 0.792    | ug/L   | 91       |
| 48) 2-Hexanone                | 8.088          | 43   | 15838      | 6.509    | ug/L # | 58       |
| -----                         |                |      |            |          |        |          |

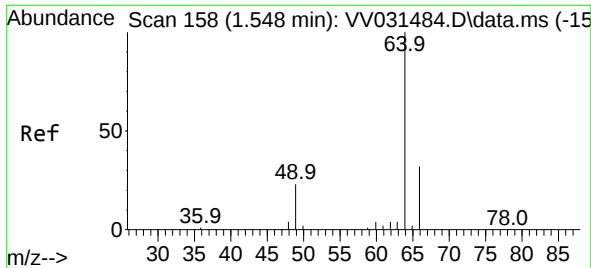
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 1.435 ug/L

RT: 1.281 min Scan# 71

Delta R.T. -0.267 min

Lab File: VV031493.D

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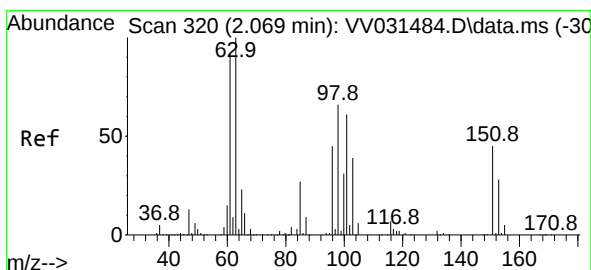
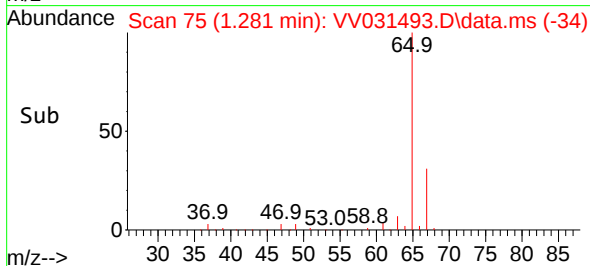
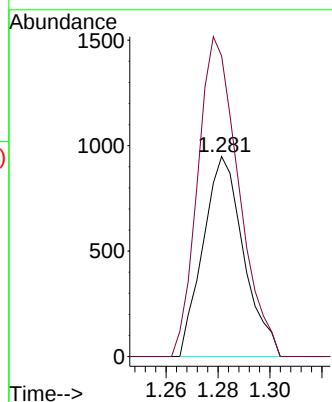
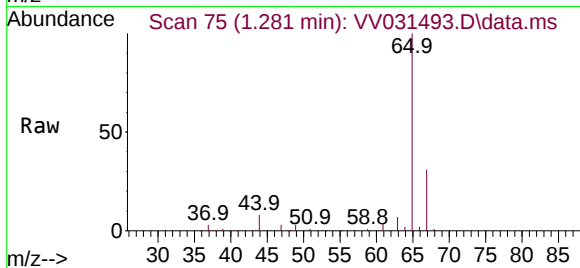
VHBLK001

Tgt Ion: 64 Resp: 1029

Ion Ratio Lower Upper

64 100

66 150.2 21.4 39.8#



#12

1,1-Dichloroethene

Concen: 1.331 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.006 min

Lab File: VV031493.D

Acq: 09 Jun 2023 14:14

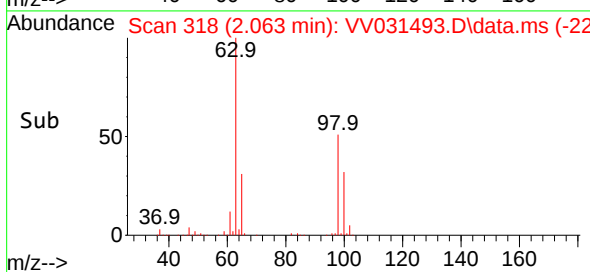
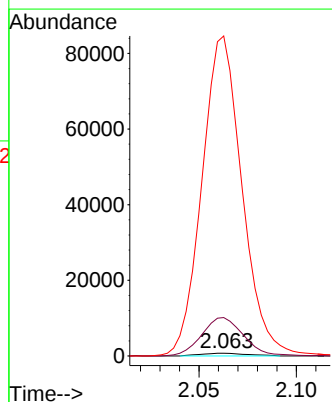
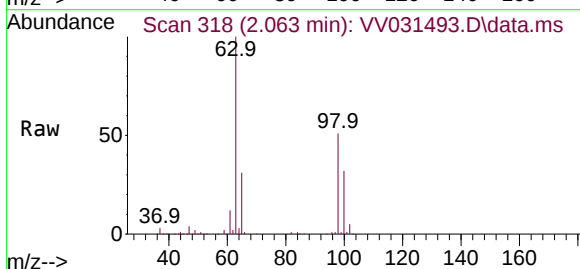
Tgt Ion: 96 Resp: 1217

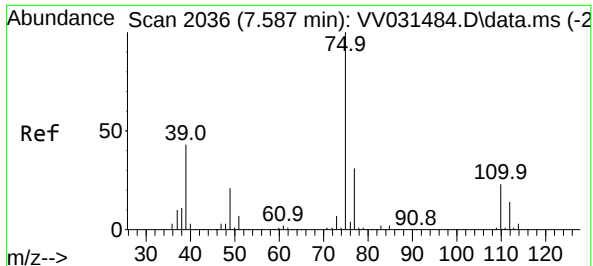
Ion Ratio Lower Upper

96 100

61 1384.1 143.9 267.3#

63 11512.4 158.3 293.9#





#44

trans-1,3-Dichloropropene

Concen: 0.792 ug/L

RT: 7.561 min Scan# 2036

Delta R.T. -0.026 min

Lab File: VV031493.D

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Instrument :

MSVOA\_V

ClientSampleId :

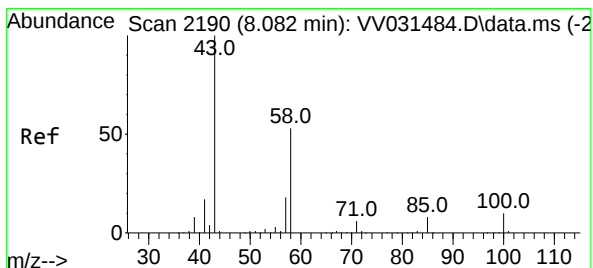
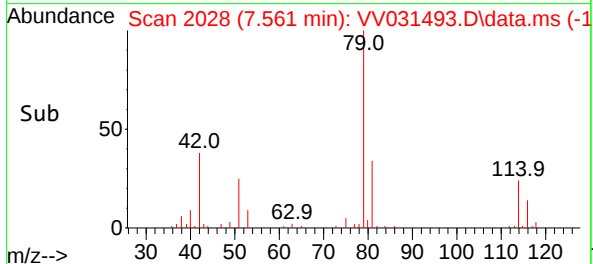
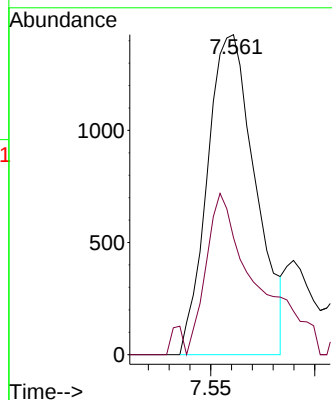
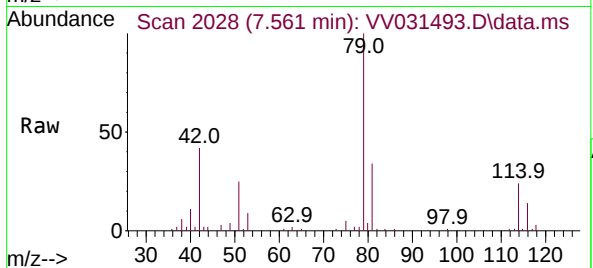
VHBLK001

Tgt Ion: 75 Resp: 2297

Ion Ratio Lower Upper

75 100

77 36.6 22.2 41.2



#48

2-Hexanone

Concen: 6.509 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.006 min

Lab File: VV031493.D

Acq: 09 Jun 2023 14:14

Tgt Ion: 43 Resp: 15838

Ion Ratio Lower Upper

43 100

58 12.9 42.9 64.3#

57 12.2 14.6 22.0#

100 3.8 8.2 12.2#

