

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072922\  
 Data File : VV027079.D  
 Acq On : 29 Jul 2022 12:50  
 Operator : SY/MD  
 Sample : N3820-02  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001

Quant Time: Jul 30 00:06:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072822WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jul 30 00:04:45 2022  
 Response via : Initial Calibration

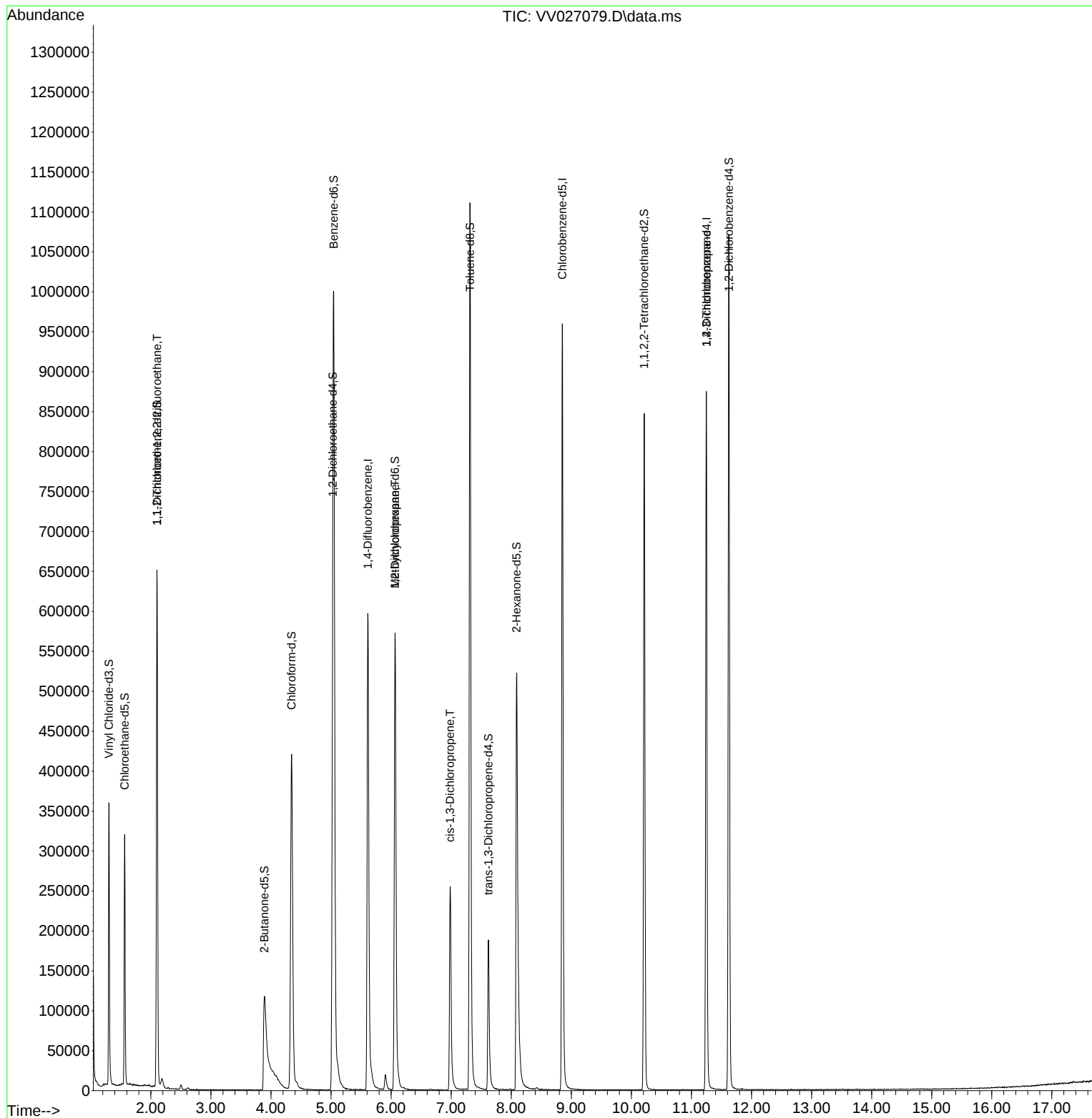
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.612          | 114  | 556827     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850          | 117  | 556565     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249         | 152  | 240290     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.301          | 65   | 242577     | 45.791   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 91.580%  |        |          |
| 7) Chloroethane-d5            | 1.564          | 69   | 208613     | 49.702   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 99.400%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.101          | 63   | 333911     | 37.024   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 74.040%  |        |          |
| 21) 2-Butanone-d5             | 3.889          | 46   | 248993     | 82.430   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 82.430%  |        |          |
| 24) Chloroform-d              | 4.342          | 84   | 454858     | 47.674   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.340%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.027          | 65   | 276183     | 50.992   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 101.980% |        |          |
| 32) Benzene-d6                | 5.043          | 84   | 949464     | 48.580   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 97.160%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.066          | 67   | 304647     | 50.927   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 101.860% |        |          |
| 41) Toluene-d8                | 7.313          | 98   | 780113     | 44.160   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 88.320%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.619          | 79   | 118986     | 45.028   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 90.060%  |        |          |
| 47) 2-Hexanone-d5             | 8.088          | 63   | 224755     | 87.399   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 87.400%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214         | 84   | 419919     | 46.557   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 93.120%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622         | 152  | 283722     | 52.525   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 105.040% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.101          | 101  | 3341       | 0.805    | ug/L # | 22       |
| 35) Methylcyclohexane         | 6.066          | 83   | 72679      | 10.553   | ug/L # | 21       |
| 39) cis-1,3-Dichloropropene   | 6.982          | 75   | 6886       | 1.069    | ug/L # | 64       |
| 61) 1,2,3-Trichloropropane    | 11.249         | 75   | 26372      | 5.233    | ug/L # | 64       |
| -----                         |                |      |            |          |        |          |

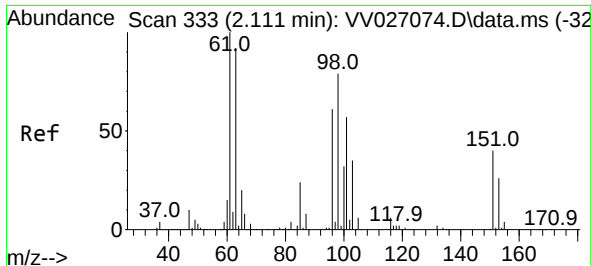
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 30 00:04:45 2022  
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.805 ug/L

RT: 2.101 min Scan# 333

Delta R.T. -0.010 min

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Instrument :

MSVOA\_V

ClientSampleId :

VHBLK001

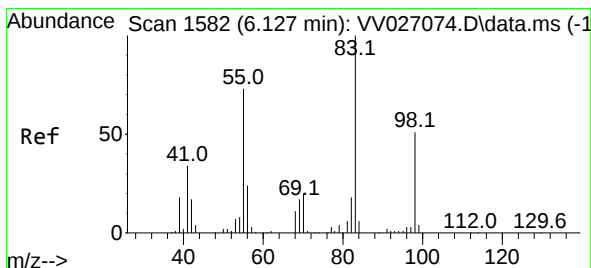
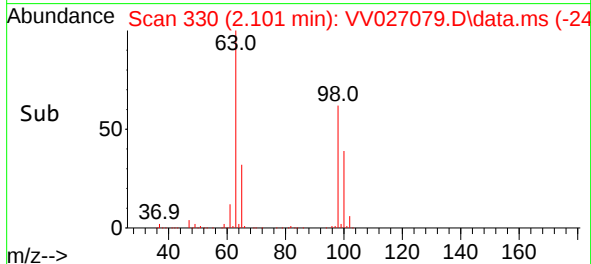
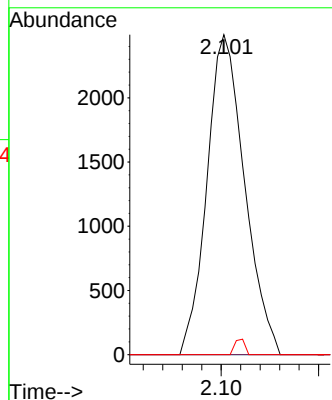
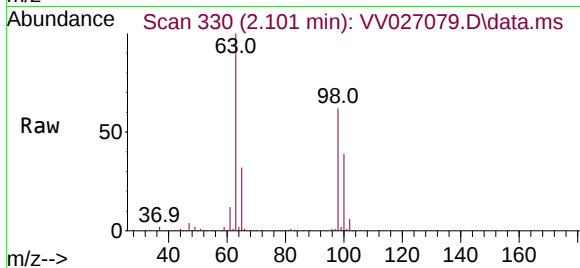
Tgt Ion:101 Resp: 3341

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

151 1.3 57.8 86.8#



#35

Methylcyclohexane

Concen: 10.553 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV027079.D

Acq: 29 Jul 2022 12:50

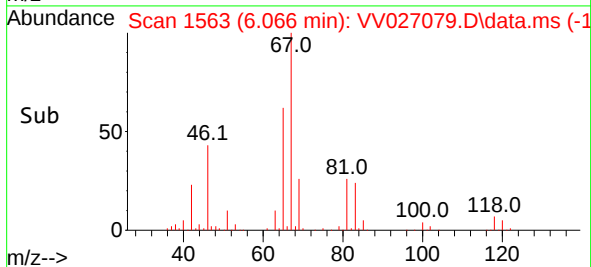
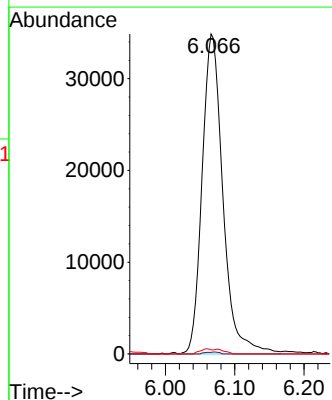
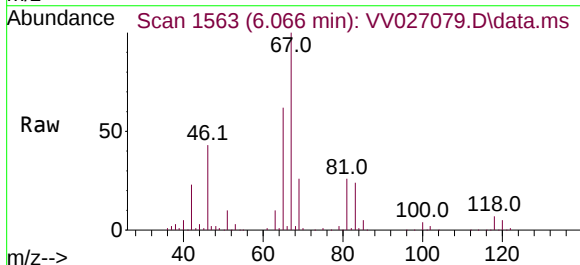
Tgt Ion: 83 Resp: 72679

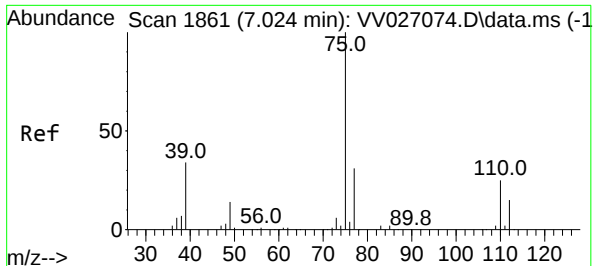
Ion Ratio Lower Upper

83 100

55 0.4 55.5 83.3#

98 0.7 39.0 58.4#





#39

cis-1,3-Dichloropropene

Concen: 1.069 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.042 min

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MSVOA\_V

ClientSampleId :

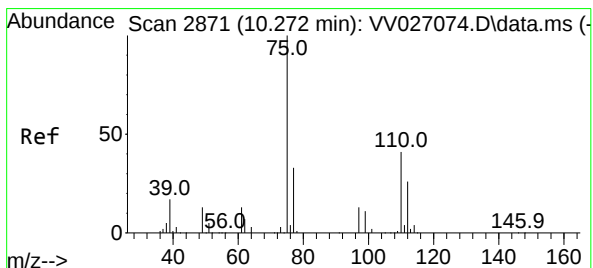
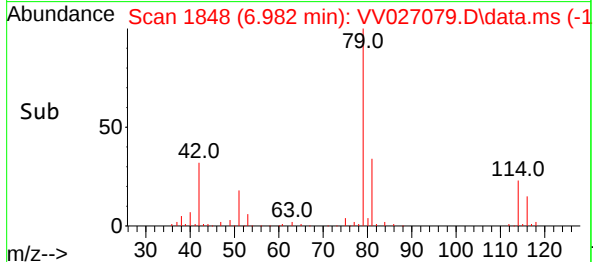
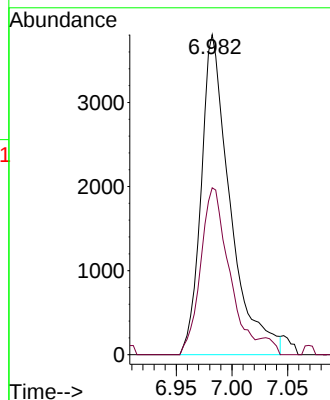
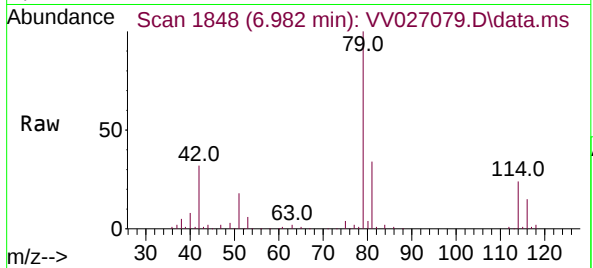
VHBLK001

Tgt Ion: 75 Resp: 6886

Ion Ratio Lower Upper

75 100

77 52.2 22.5 41.7#



#61

1,2,3-Trichloropropane

Concen: 5.233 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV027079.D

Acq: 29 Jul 2022 12:50

Tgt Ion: 75 Resp: 26372

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8

110 1.4 32.7 49.1#

