

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW121222\  
 Data File : VW029600.D  
 Acq On : 12 Dec 2022 17:01  
 Operator : SY/MD  
 Sample : N5920-10  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001

Quant Time: Dec 13 03:39:33 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM120722WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Dec 13 03:35:01 2022  
 Response via : Initial Calibration

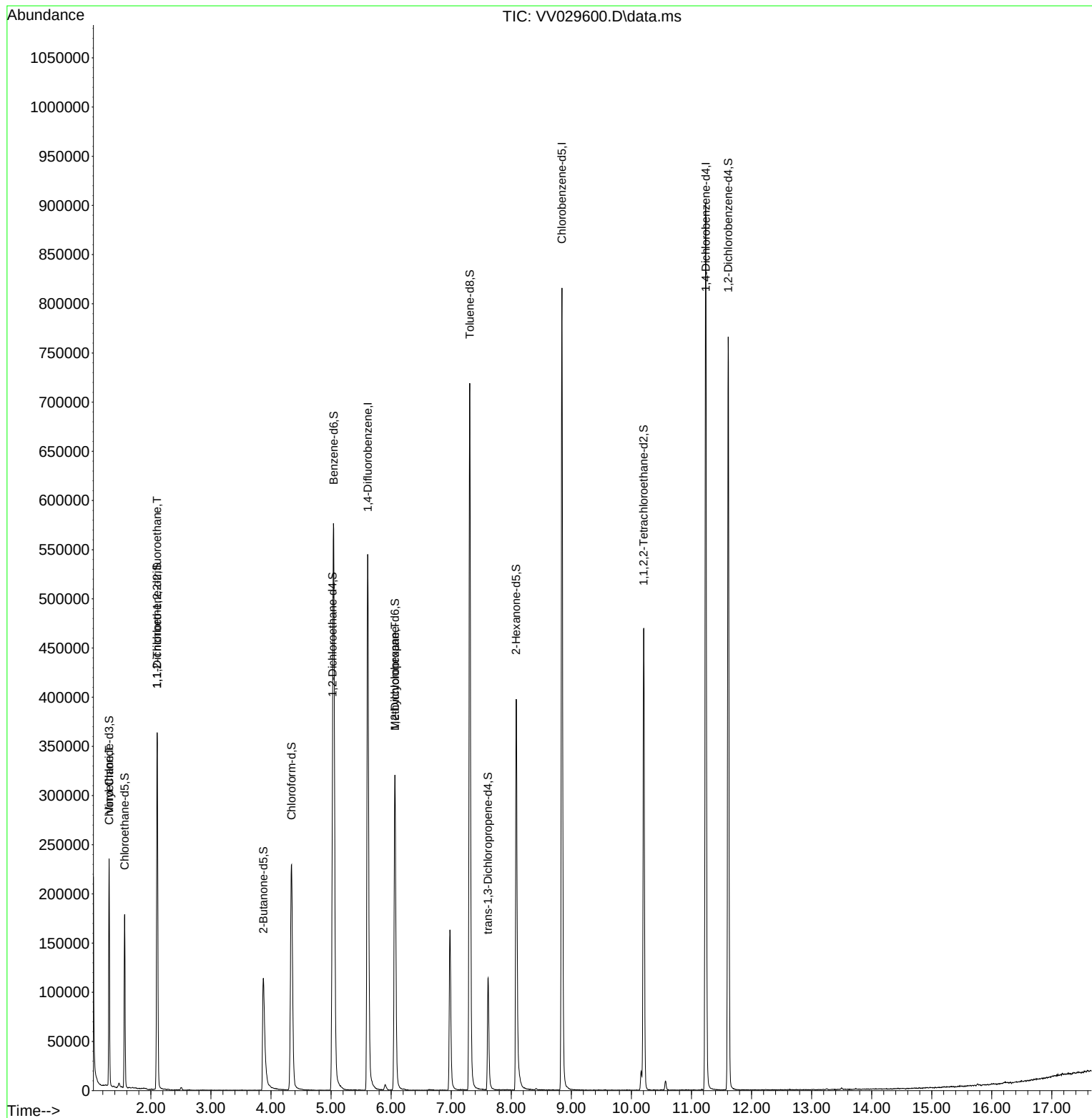
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.613          | 114  | 494840     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.844          | 117  | 466392     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.239         | 152  | 248412     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 146234     | 48.259   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 96.520%  |        |          |
| 7) Chloroethane-d5            | 1.564          | 69   | 115758     | 50.098   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 100.200% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.105          | 63   | 184721     | 39.084   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 78.160%  |        |          |
| 21) 2-Butanone-d5             | 3.873          | 46   | 180622     | 97.713   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 97.710%  |        |          |
| 24) Chloroform-d              | 4.342          | 84   | 248794     | 43.631   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.260%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.024          | 65   | 151177     | 46.420   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 92.840%  |        |          |
| 32) Benzene-d6                | 5.043          | 84   | 555713     | 45.093   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.180%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.063          | 67   | 169481     | 45.023   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 90.040%  |        |          |
| 41) Toluene-d8                | 7.310          | 98   | 502272     | 43.256   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 86.520%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.612          | 79   | 70883      | 37.291   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 74.580%  |        |          |
| 47) 2-Hexanone-d5             | 8.082          | 63   | 153042     | 95.208   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 95.210%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.204         | 84   | 235592     | 43.797   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 87.600%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.612         | 152  | 203398     | 43.013   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 86.020%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 8) Chloroethane               | 1.307          | 64   | 1980       | 0.956    | ug/L # | 1        |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.105          | 101  | 2015       | 0.779    | ug/L # | 19       |
| 35) Methylcyclohexane         | 6.063          | 83   | 40621      | 7.260    | ug/L # | 21       |
| -----                         |                |      |            |          |        |          |

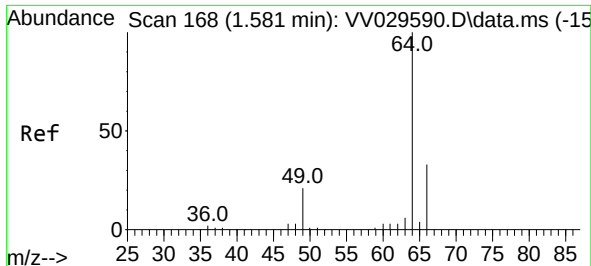
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Tue Dec 13 03:35:01 2022  
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.956 ug/L

RT: 1.307 min Scan# 81

Delta R.T. -0.273 min

Lab File: VV029600.D

Acq: 12 Dec 2022 17:01

Instrument :

MSVOA\_V

ClientSampleId :

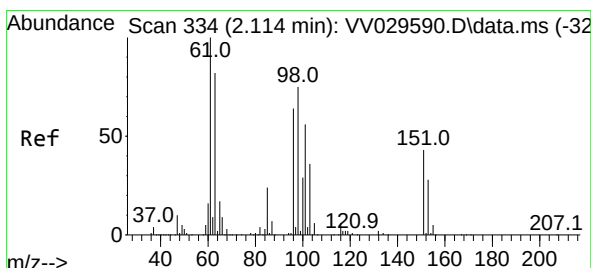
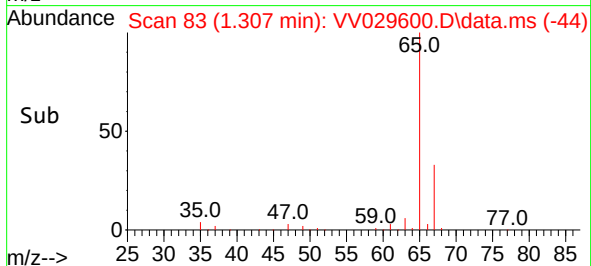
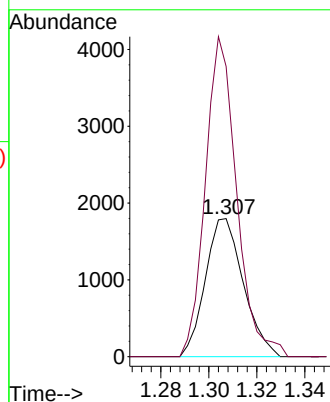
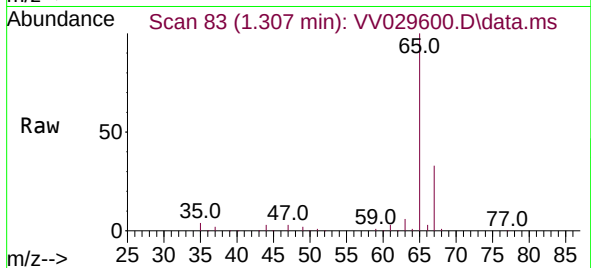
VHBLK001

Tgt Ion: 64 Resp: 1980

Ion Ratio Lower Upper

64 100

66 210.2 22.5 41.9#



#10

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

Concen: 0.779 ug/L

RT: 2.105 min Scan# 331

Delta R.T. -0.010 min

Lab File: VV029600.D

Acq: 12 Dec 2022 17:01

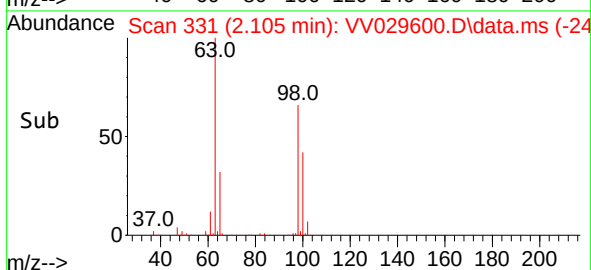
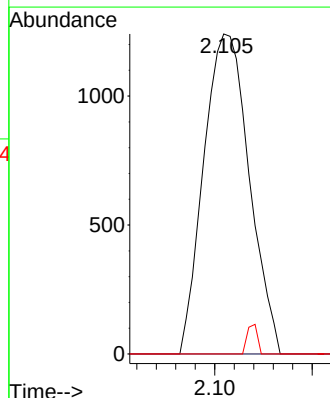
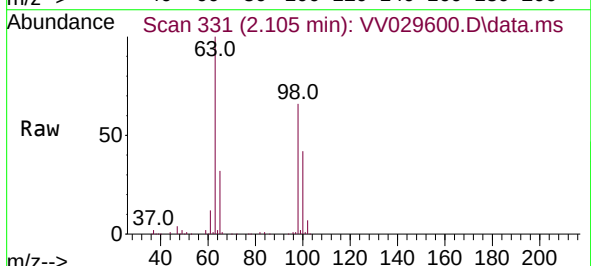
Tgt Ion:101 Resp: 2015

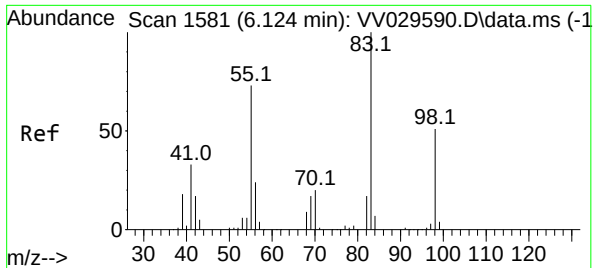
Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 2.1 63.5 95.3#





#35  
 Methylcyclohexane  
 Concen: 7.260 ug/L  
 RT: 6.063 min Scan# 11  
 Delta R.T. -0.061 min  
 Lab File: VV029600.D  
 Acq: 12 Dec 2022 17:01

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001

|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 40621    |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 55          | 0.3 55.5 83.3# |
| 98          | 1.4 39.8 59.8# |

