

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW120723\  
 Data File : VW033153.D  
 Acq On : 07 Dec 2023 17:45  
 Operator : SY/MD  
 Sample : 05645-16  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Dec 08 01:40:35 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM120123WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 08 01:34:57 2023  
 Response via : Initial Calibration

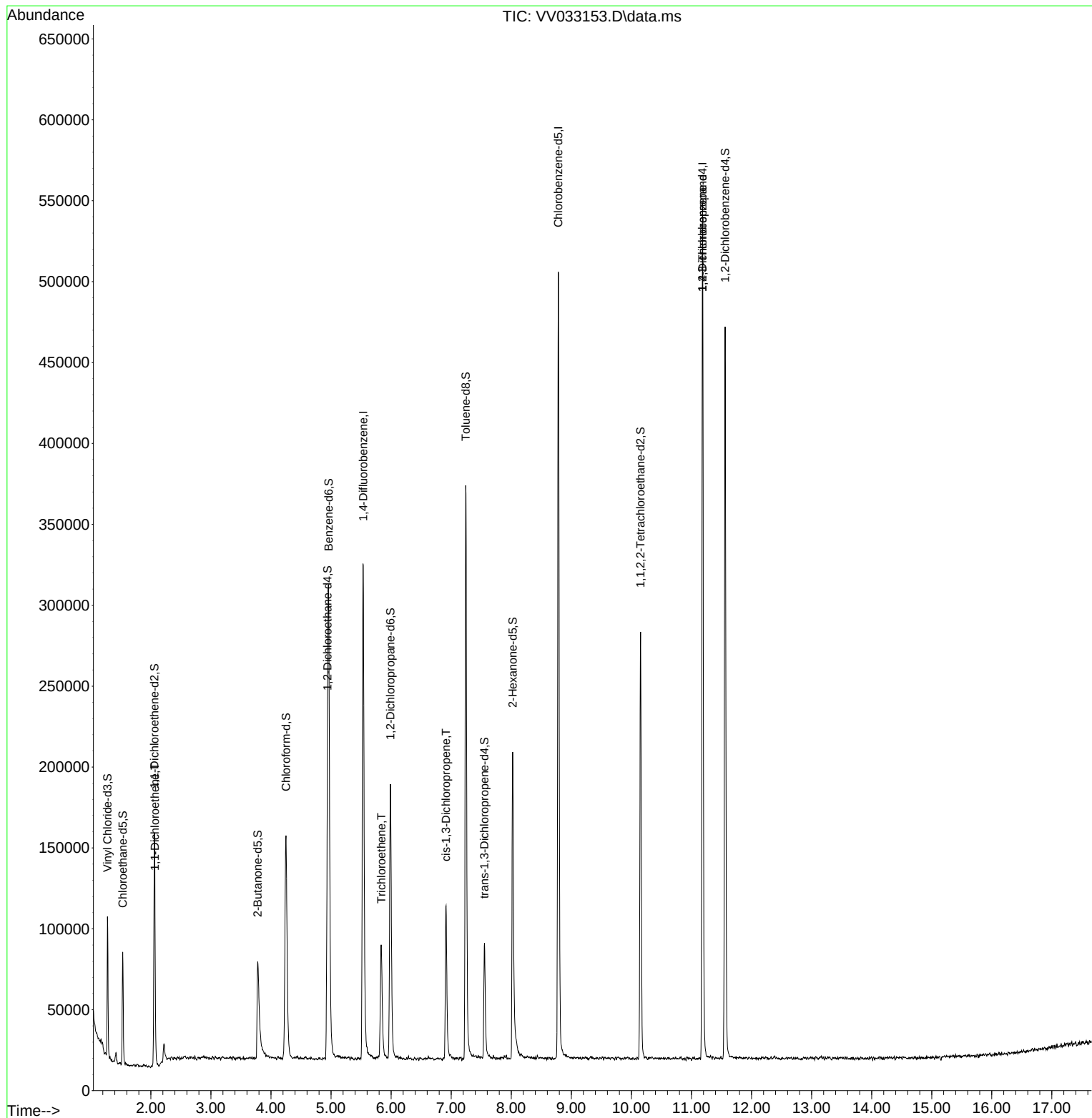
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535          | 114  | 286364     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 283025     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 147312     | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 54226      | 31.676   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 63.360%  |        |          |
| 7) Chloroethane-d5            | 1.532          | 69   | 43861      | 36.772   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 73.540%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.060          | 65   | 22754      | 34.939   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 69.880%  |        |          |
| 21) 2-Butanone-d5             | 3.780          | 46   | 84386      | 99.247   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 99.250%  |        |          |
| 24) Chloroform-d              | 4.249          | 84   | 148529     | 40.884   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 81.760%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.941          | 65   | 98855      | 43.766   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.540%  |        |          |
| 32) Benzene-d6                | 4.960          | 84   | 264276     | 39.925   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 79.840%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.989          | 67   | 74958      | 42.117   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 84.240%  |        |          |
| 41) Toluene-d8                | 7.243          | 98   | 240182     | 38.037   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 76.080%# |        |          |
| 43) trans-1,3-Dichloroprop... | 7.555          | 79   | 41931      | 37.258   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 74.520%  |        |          |
| 47) 2-Hexanone-d5             | 8.024          | 63   | 65412      | 91.486   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 91.490%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153         | 84   | 116232     | 45.941   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 91.880%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152  | 121702     | 46.433   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 92.860%  |        |          |
| Target Compounds              |                |      |            |          |        |          |
|                               |                |      |            |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.069          | 96   | 1741       | 1.213    | ug/L # | 1        |
| 34) Trichloroethene           | 5.838          | 95   | 22153      | 10.339   | ug/L   | 97       |
| 39) cis-1,3-Dichloropropene   | 6.915          | 75   | 2792       | 0.927    | ug/L   | 84       |
| 61) 1,2,3-Trichloropropane    | 11.185         | 75   | 12879      | 7.011    | ug/L # | 61       |
| -----                         |                |      |            |          |        |          |

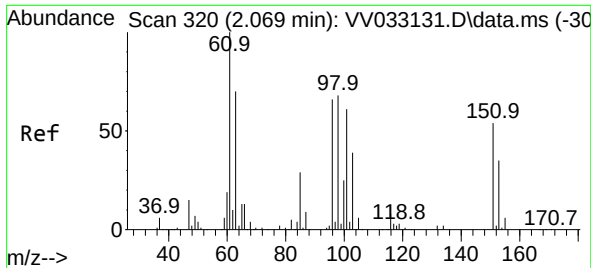
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 08 01:34:57 2023  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.213 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033153.D

Acq: 07 Dec 2023 17:45

Instrument :

MSVOA\_V

ClientSampleId :

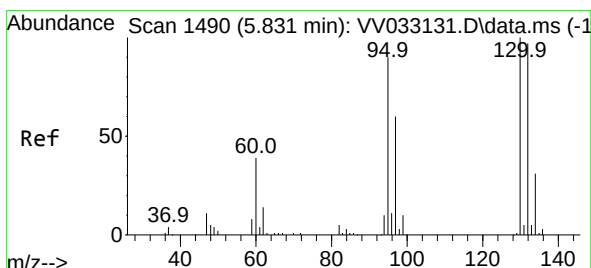
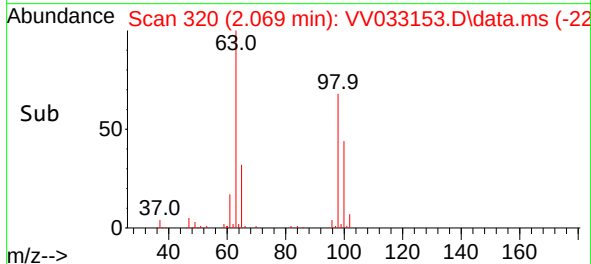
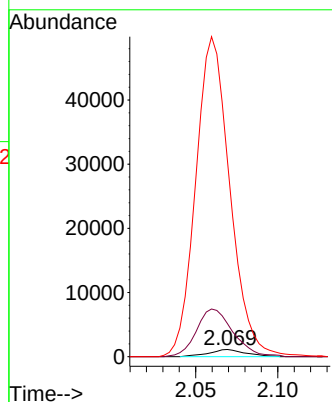
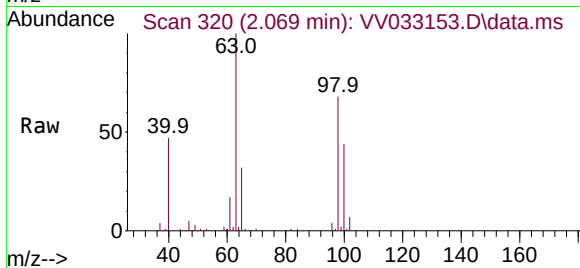
Tgt Ion: 96 Resp: 1741

Ion Ratio Lower Upper

96 100

61 456.3 109.1 202.7#

63 2710.1 85.3 158.3#



#34

Trichloroethene

Concen: 10.339 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. 0.006 min

Lab File: VV033153.D

Acq: 07 Dec 2023 17:45

Tgt Ion: 95 Resp: 22153

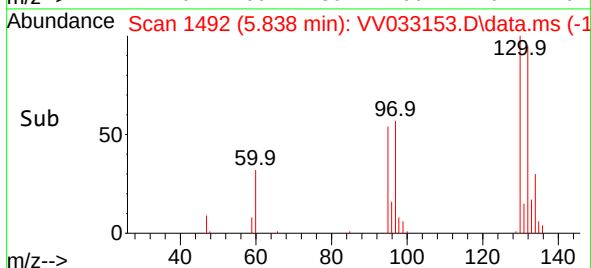
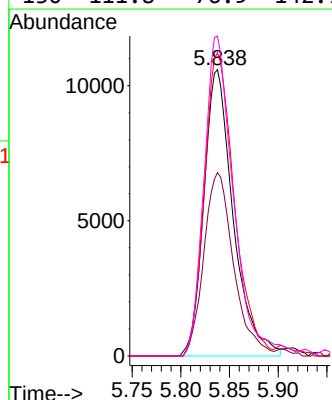
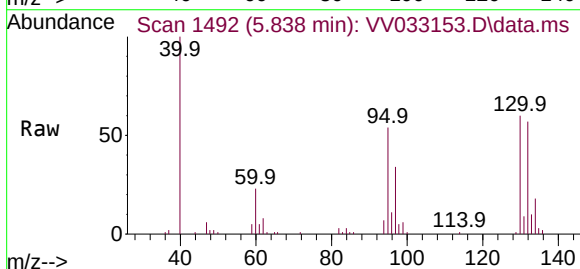
Ion Ratio Lower Upper

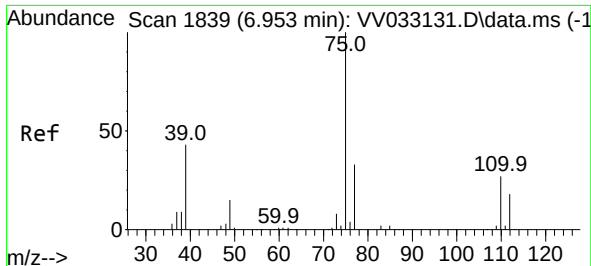
95 100

97 64.1 45.8 85.0

132 105.9 77.4 143.8

130 111.8 76.9 142.7





#39

cis-1,3-Dichloropropene

Concen: 0.927 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV033153.D

Acq: 07 Dec 2023 17:45

Instrument :

MSVOA\_V

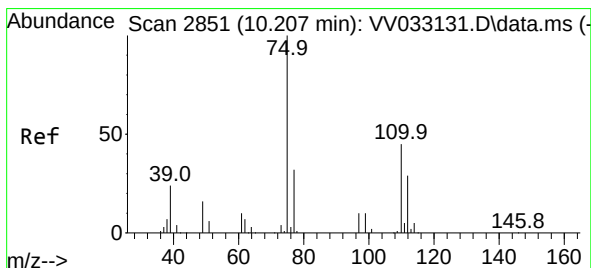
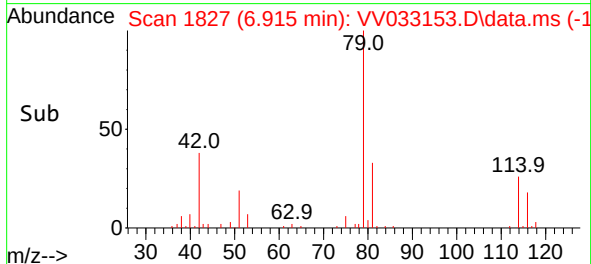
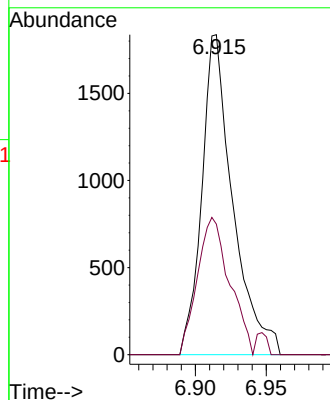
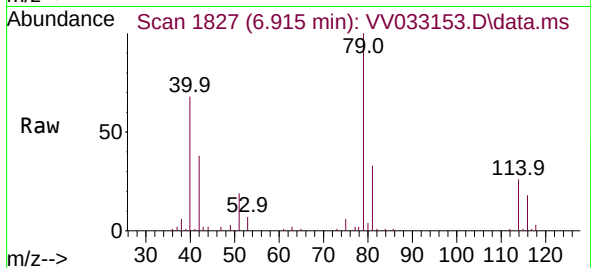
ClientSampleId :

Tgt Ion: 75 Resp: 2792

Ion Ratio Lower Upper

75 100

77 40.8 22.4 41.6



#61

1,2,3-Trichloropropane

Concen: 7.011 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.977 min

Lab File: VV033153.D

Acq: 07 Dec 2023 17:45

Tgt Ion: 75 Resp: 12879

Ion Ratio Lower Upper

75 100

77 35.4 27.0 40.6

110 3.7 38.1 57.1#

