

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW121423\  
 Data File : VW033360.D  
 Acq On : 15 Dec 2023 01:15  
 Operator : SY/MD  
 Sample : 05802-03  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Dec 15 04:10:08 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM120123WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 08 21:51:12 2023  
 Response via : Initial Calibration

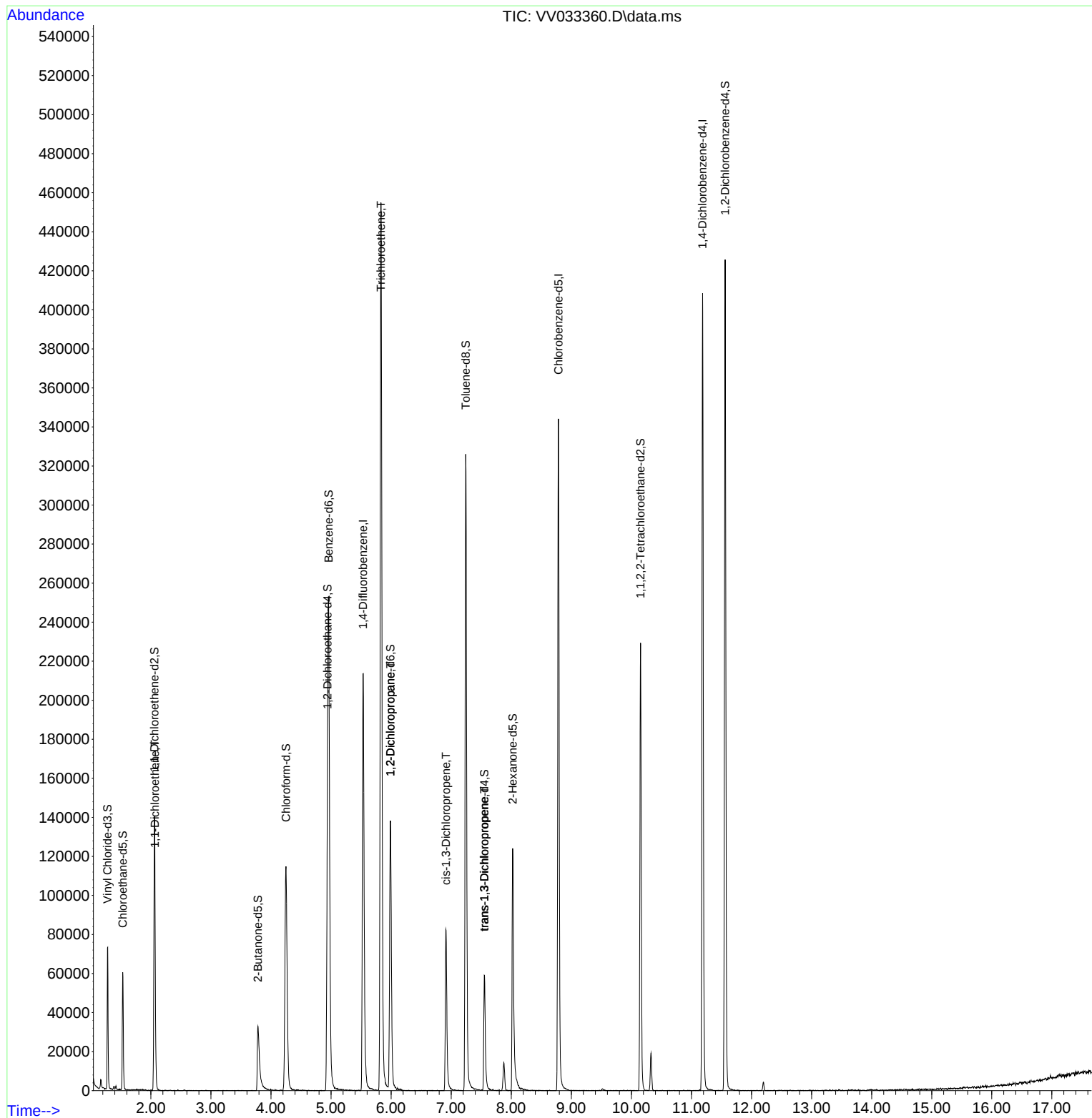
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 209021     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786          | 117  | 212664     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 120193     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 45471      | 36.391   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 72.780%  |        |          |
| 7) Chloroethane-d5            | 1.532          | 69   | 37798      | 43.415   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 86.820%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.059          | 65   | 20639      | 43.419   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 86.840%  |        |          |
| 21) 2-Butanone-d5             | 3.783          | 46   | 44650      | 71.945   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 71.940%  |        |          |
| 24) Chloroform-d              | 4.249          | 84   | 130047     | 49.042   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 98.080%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.940          | 65   | 87279      | 52.939   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 105.880% |        |          |
| 32) Benzene-d6                | 4.960          | 84   | 236792     | 47.609   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.220%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.989          | 67   | 57377      | 42.905   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 85.800%  |        |          |
| 41) Toluene-d8                | 7.243          | 98   | 233127     | 49.135   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 98.260%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.551          | 79   | 36600      | 43.280   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 86.560%  |        |          |
| 47) 2-Hexanone-d5             | 8.024          | 63   | 45243      | 84.213   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 84.210%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152         | 84   | 92474      | 48.644   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 97.280%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152  | 118245     | 55.293   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 110.580% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.069          | 96   | 5337       | 5.093    | ug/L # | 1        |
| 34) Trichloroethene           | 5.831          | 95   | 154658     | 96.061   | ug/L   | 95       |
| 37) 1,2-Dichloropropane       | 5.989          | 63   | 8243       | 6.609    | ug/L # | 83       |
| 39) cis-1,3-Dichloropropene   | 6.911          | 75   | 2503       | 1.106    | ug/L # | 82       |
| 44) trans-1,3-Dichloropropene | 7.554          | 75   | 1867       | 0.816    | ug/L   | 95       |
| -----                         |                |      |            |          |        |          |

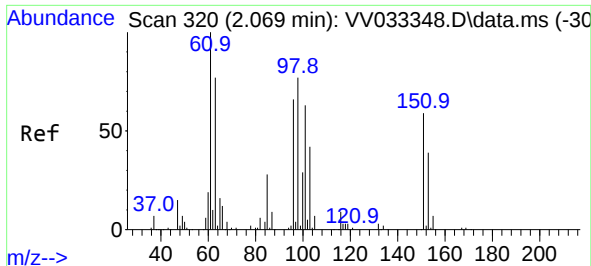
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 08 21:51:12 2023  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.093 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033360.D

Acq: 15 Dec 2023 01:15

Instrument :

MSVOA\_V

ClientSampleId :

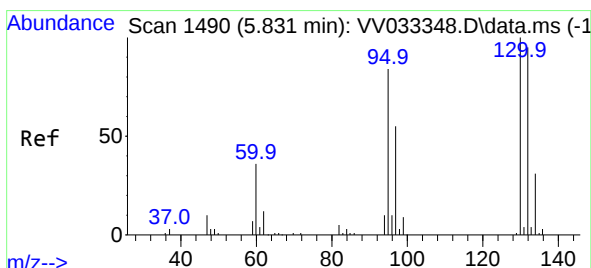
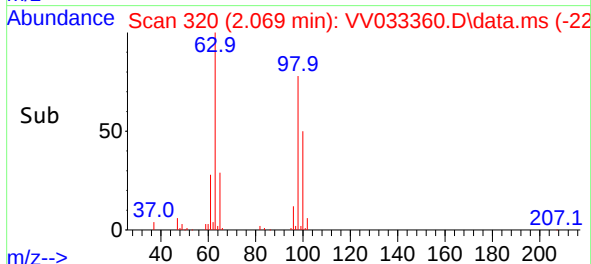
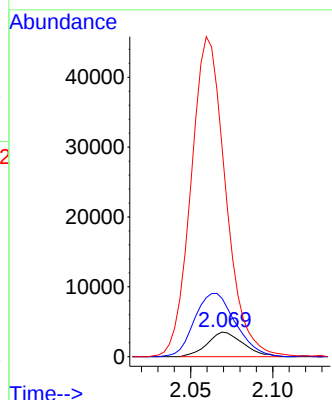
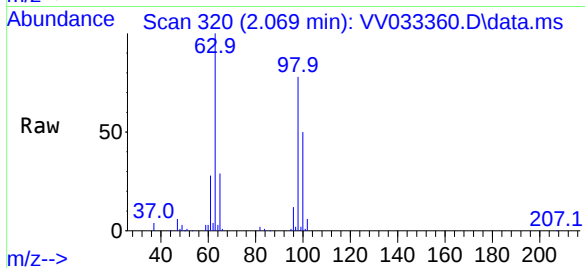
Tgt Ion: 96 Resp: 5337

Ion Ratio Lower Upper

96 100

61 236.2 109.1 202.7#

63 847.4 85.3 158.3#



#34

Trichloroethene

Concen: 96.061 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

Lab File: VV033360.D

Acq: 15 Dec 2023 01:15

Tgt Ion: 95 Resp: 154658

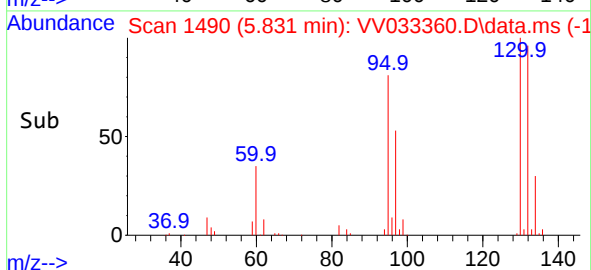
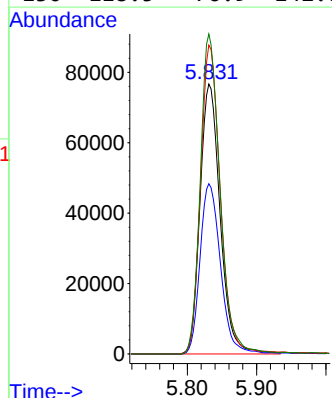
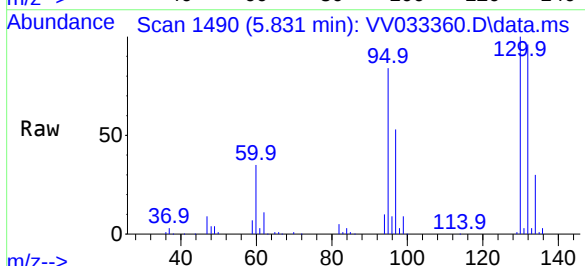
Ion Ratio Lower Upper

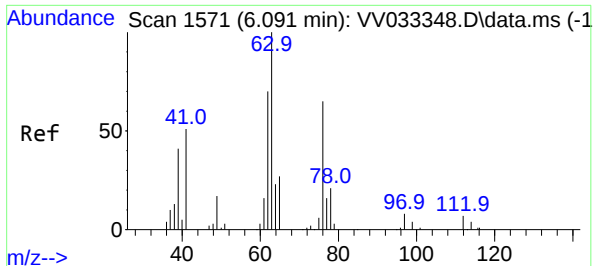
95 100

97 63.1 45.8 85.0

132 114.4 77.4 143.8

130 118.5 76.9 142.7

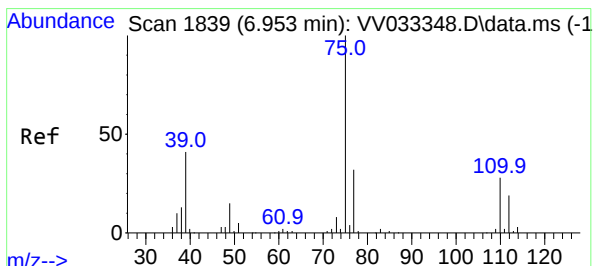
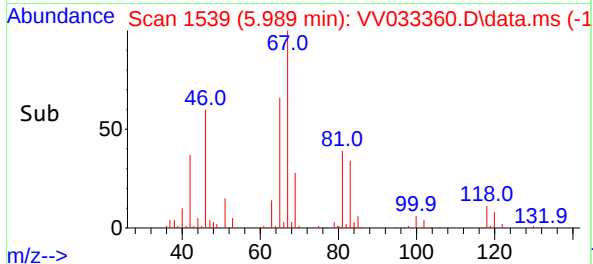
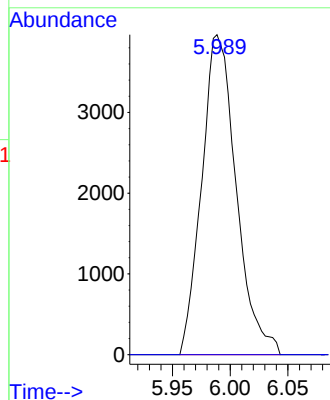
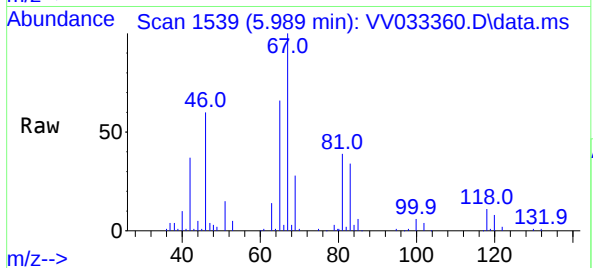




#37  
1,2-Dichloropropane  
Concen: 6.609 ug/L  
RT: 5.989 min Scan# 11  
Delta R.T. -0.103 min  
Lab File: VV033360.D  
Acq: 15 Dec 2023 01:15

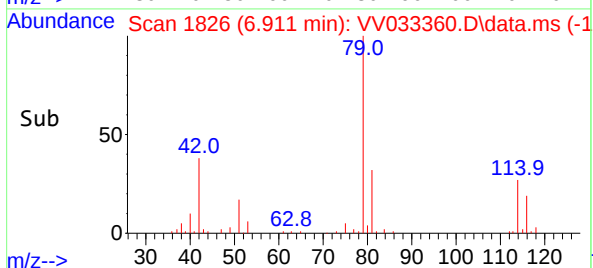
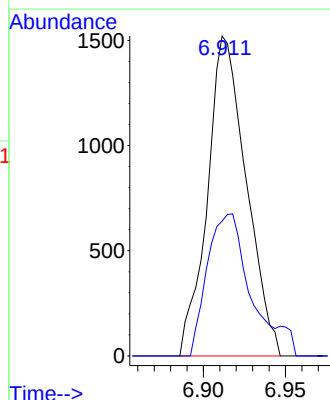
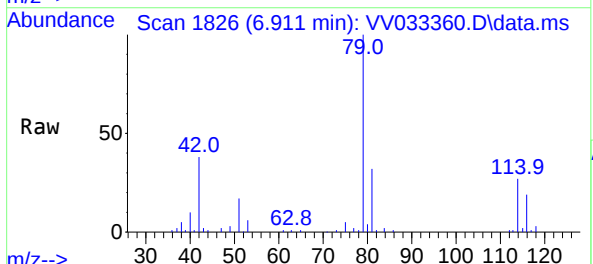
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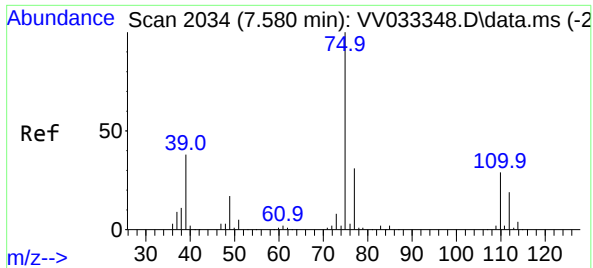
Tgt Ion: 63 Resp: 8243  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.6 6.8#



#39  
cis-1,3-Dichloropropene  
Concen: 1.106 ug/L  
RT: 6.911 min Scan# 1826  
Delta R.T. -0.039 min  
Lab File: VV033360.D  
Acq: 15 Dec 2023 01:15

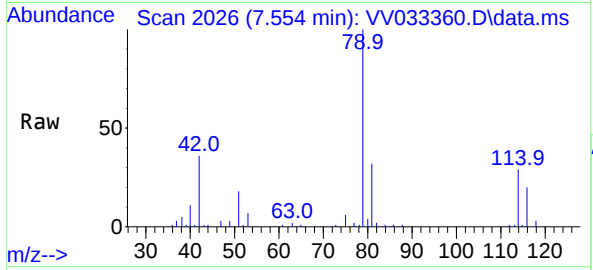
Tgt Ion: 75 Resp: 2503  
Ion Ratio Lower Upper  
75 100  
77 42.1 22.4 41.6#





#44  
 trans-1,3-Dichloropropene  
 Concen: 0.816 ug/L  
 RT: 7.554 min Scan# 20  
 Delta R.T. -0.026 min  
 Lab File: VV033360.D  
 Acq: 15 Dec 2023 01:15

Instrument :  
 MSVOA\_V  
 ClientSampleId :



Tgt Ion: 75 Resp: 1867  
 Ion Ratio Lower Upper  
 75 100  
 77 34.5 22.0 41.0

