

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW012624\  
 Data File : VW033878.D  
 Acq On : 26 Jan 2024 11:33  
 Operator : SY/MD  
 Sample : P1238-01  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jan 29 02:01:34 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM011024WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Jan 29 01:58:36 2024  
 Response via : Initial Calibration

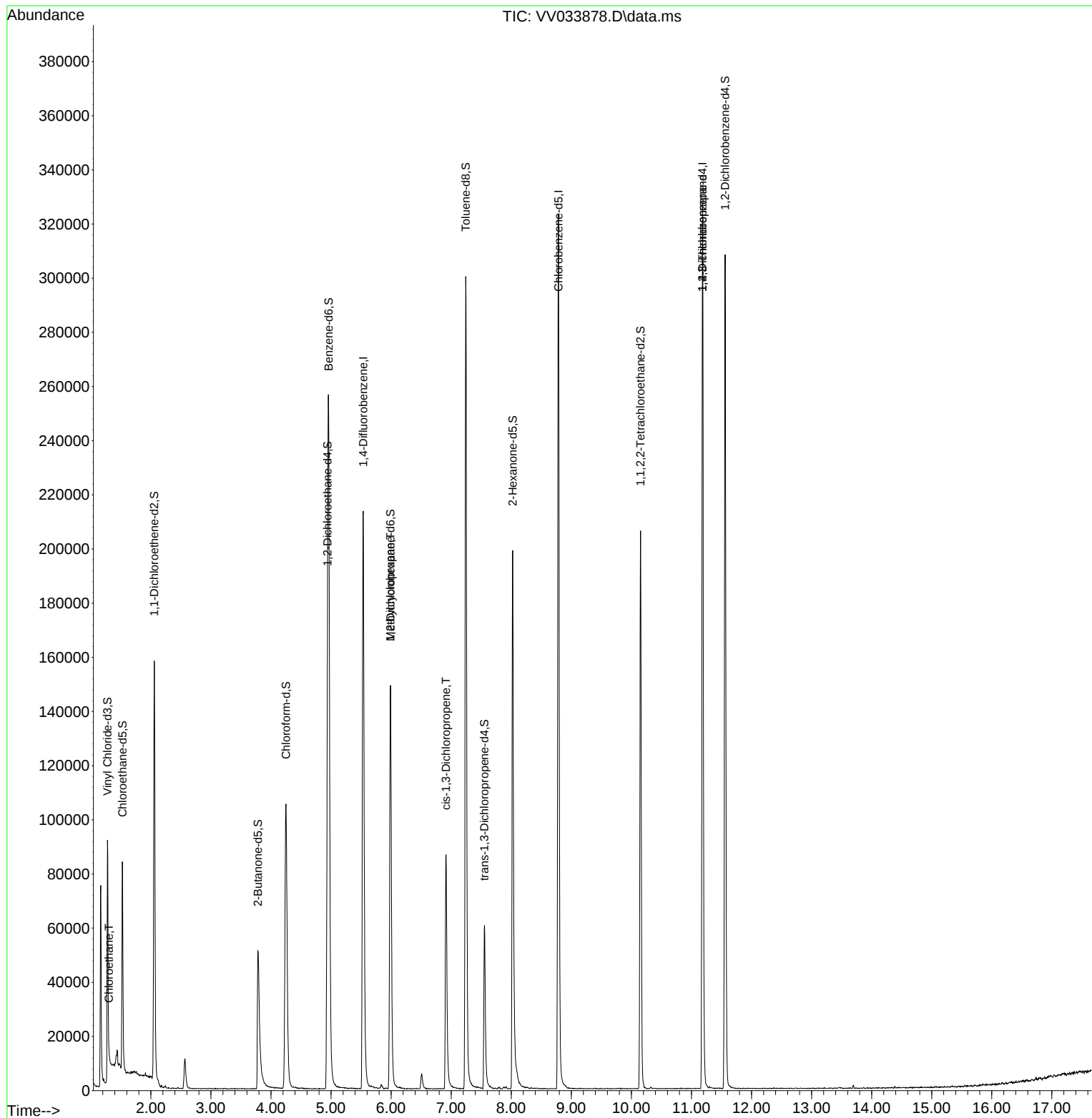
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535          | 114  | 182378     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786          | 117  | 173362     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 82148      | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 58064      | 41.425   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 82.860%  |        |          |
| 7) Chloroethane-d5            | 1.526          | 69   | 50065      | 45.103   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 90.200%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.056          | 65   | 25950      | 43.018   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 86.040%  |        |          |
| 21) 2-Butanone-d5             | 3.783          | 46   | 86013      | 89.465   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 89.470%  |        |          |
| 24) Chloroform-d              | 4.249          | 84   | 112304     | 44.808   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.620%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.941          | 65   | 81508      | 50.332   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 100.660% |        |          |
| 32) Benzene-d6                | 4.960          | 84   | 219482     | 44.533   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.060%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.989          | 67   | 70100      | 43.210   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 86.420%  |        |          |
| 41) Toluene-d8                | 7.243          | 98   | 195336     | 43.988   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 87.980%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.555          | 79   | 34953      | 43.594   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 87.180%  |        |          |
| 47) 2-Hexanone-d5             | 8.024          | 63   | 66680      | 99.088   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 99.090%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153         | 84   | 95455      | 46.089   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 92.180%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152  | 75136      | 48.208   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 96.420%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 8) Chloroethane               | 1.301          | 64   | 18747      | 19.048   | ug/L # | 55       |
| 35) Methylcyclohexane         | 5.989          | 83   | 16962      | 7.256    | ug/L # | 16       |
| 39) cis-1,3-Dichloropropene   | 6.915          | 75   | 2397       | 1.024    | ug/L # | 54       |
| 61) 1,2,3-Trichloropropane    | 11.185         | 75   | 10187      | 6.987    | ug/L # | 66       |
| -----                         |                |      |            |          |        |          |

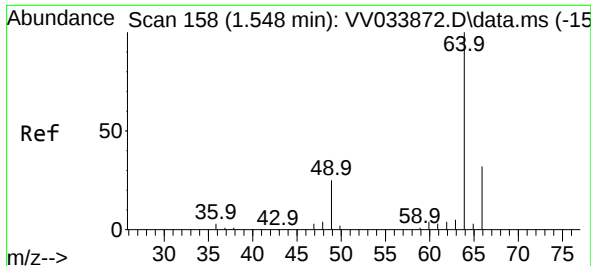
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 8 Sample Multiplier: 1

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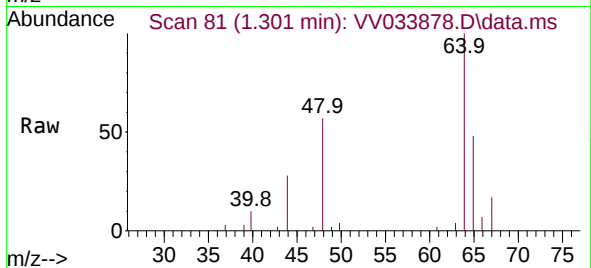
Quant Time: Jan 29 02:01:34 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM011024WMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon Jan 29 01:58:36 2024  
Response via : Initial Calibration



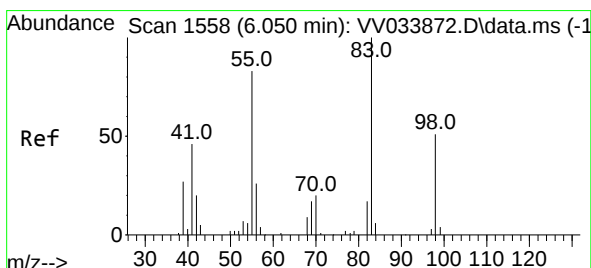
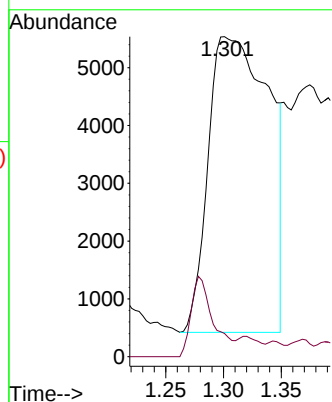
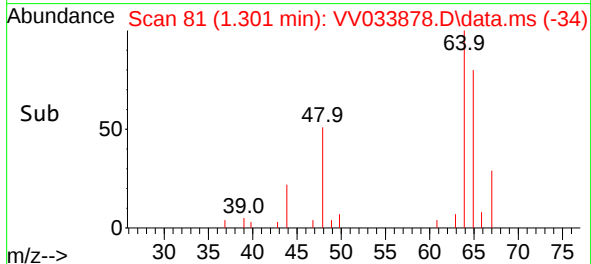


#8  
Chloroethane  
Concen: 19.048 ug/L  
RT: 1.301 min Scan# 81  
Delta R.T. -0.248 min  
Lab File: VV033878.D  
Acq: 26 Jan 2024 11:33

Instrument :  
MSVOA\_V  
ClientSampleId :

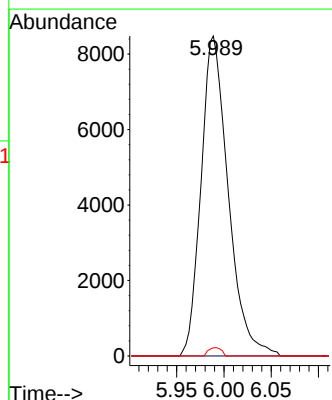
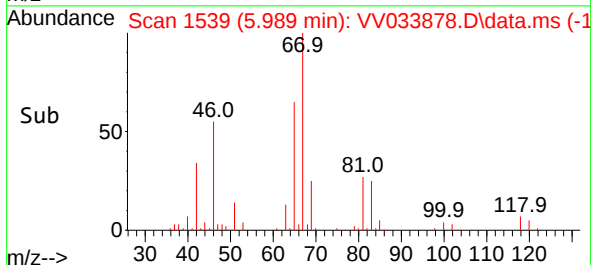
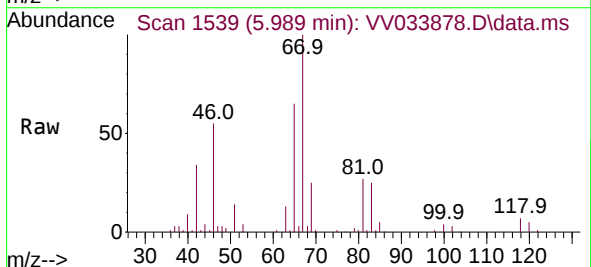


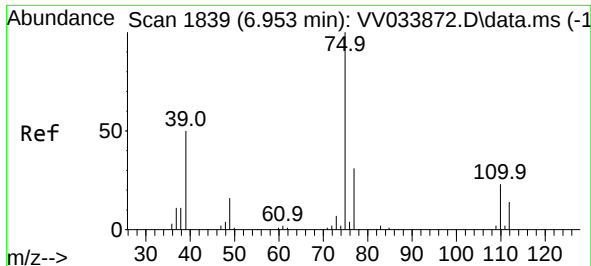
Tgt Ion: 64 Resp: 18747  
Ion Ratio Lower Upper  
64 100  
66 7.3 22.5 41.9#



#35  
Methylcyclohexane  
Concen: 7.256 ug/L  
RT: 5.989 min Scan# 1539  
Delta R.T. -0.061 min  
Lab File: VV033878.D  
Acq: 26 Jan 2024 11:33

Tgt Ion: 83 Resp: 16962  
Ion Ratio Lower Upper  
83 100  
55 0.0 67.1 100.7#  
98 1.2 37.7 56.5#





#39

cis-1,3-Dichloropropene

Concen: 1.024 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV033878.D

Acq: 26 Jan 2024 11:33

Instrument :

MSVOA\_V

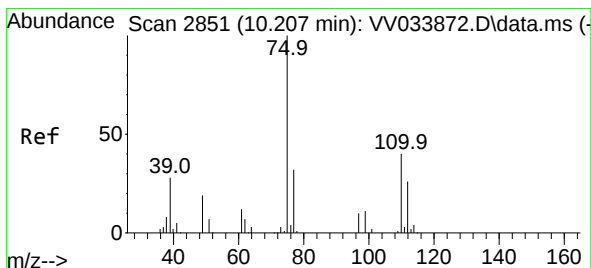
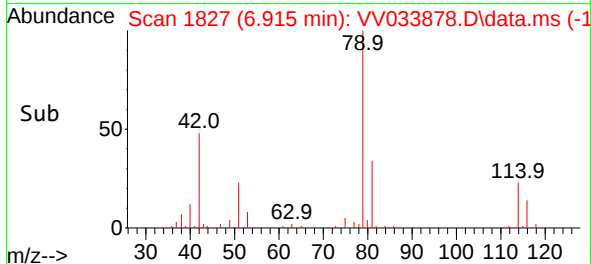
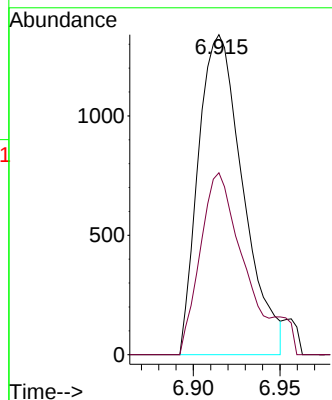
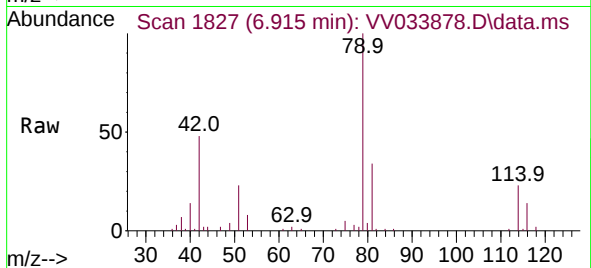
ClientSampleId :

Tgt Ion: 75 Resp: 2397

Ion Ratio Lower Upper

75 100

77 56.9 22.0 41.0#



#61

1,2,3-Trichloropropane

Concen: 6.987 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.977 min

Lab File: VV033878.D

Acq: 26 Jan 2024 11:33

Tgt Ion: 75 Resp: 10187

Ion Ratio Lower Upper

75 100

77 34.9 25.3 37.9

110 2.0 29.5 44.3#

