

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV013124\  
 Data File : VV033914.D  
 Acq On : 31 Jan 2024 10:45  
 Operator : SY/MD  
 Sample : P1293-04 20X  
 Misc : 4.78g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Feb 01 05:29:07 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM011024WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Feb 01 04:45:22 2024  
 Response via : Initial Calibration

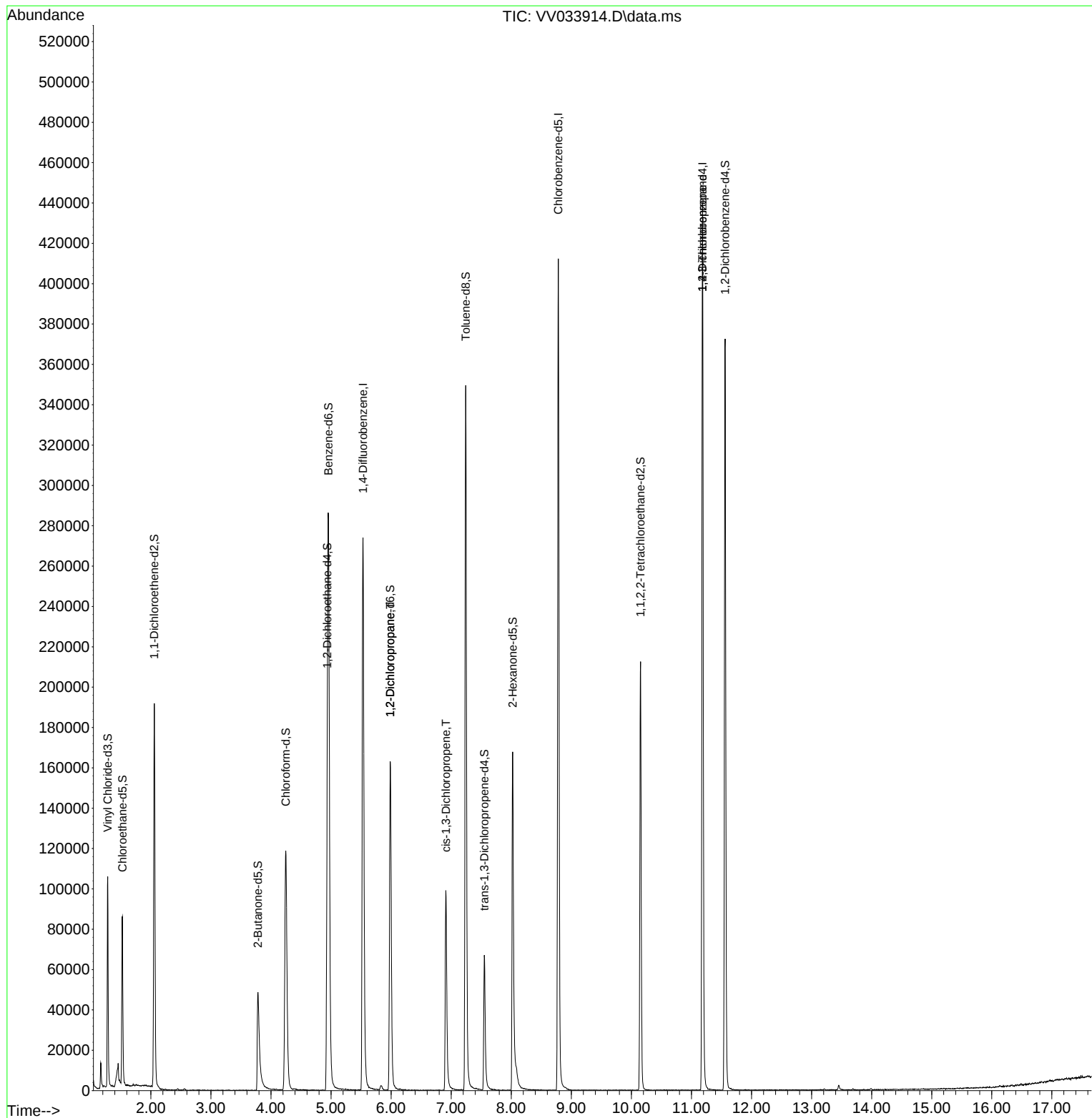
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532   | 114   | 234517   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783   | 117   | 217661   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185  | 152   | 112573   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.282   | 65    | 70252    | 38.977   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 77.960%  |
| 7) Chloroethane-d5            | 1.526   | 69    | 55727    | 39.042   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 78.080%  |
| 11) 1,1-Dichloroethene-d2     | 2.056   | 65    | 32143    | 41.438   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 82.880%  |
| 21) 2-Butanone-d5             | 3.783   | 46    | 81704    | 66.090   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 66.090%  |
| 24) Chloroform-d              | 4.246   | 84    | 127487   | 39.557   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 79.120%  |
| 26) 1,2-Dichloroethane-d4     | 4.937   | 65    | 87386    | 41.965   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 83.920%  |
| 32) Benzene-d6                | 4.957   | 84    | 248942   | 40.230   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 80.460%  |
| 36) 1,2-Dichloropropane-d6    | 5.986   | 67    | 76906    | 37.757   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 75.520%  |
| 41) Toluene-d8                | 7.243   | 98    | 226958   | 40.707   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 81.420%  |
| 43) trans-1,3-Dichloroprop... | 7.551   | 79    | 38905    | 38.647   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 77.300%  |
| 47) 2-Hexanone-d5             | 8.024   | 63    | 58483    | 69.220   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 69.220%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153  | 84    | 98124    | 37.735   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 75.480%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.561  | 152   | 90939    | 42.578   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 85.160%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 37) 1,2-Dichloropropane       | 5.986   | 63    | 9564     | 5.436    | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 6.915   | 75    | 2814     | 0.958    | ug/L # | 79       |
| 61) 1,2,3-Trichloropropane    | 11.185  | 75    | 13291    | 6.653    | ug/L # | 66       |
| -----                         |         |       |          |          |        |          |

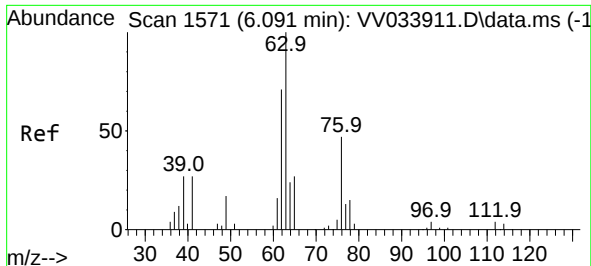
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Thu Feb 01 04:45:22 2024  
Response via : Initial Calibration





#37

1,2-Dichloropropane

Concen: 5.436 ug/L

RT: 5.986 min Scan# 11

Delta R.T. -0.105 min

Lab File: VV033914.D

Acq: 31 Jan 2024 10:45

Instrument :

MSVOA\_V

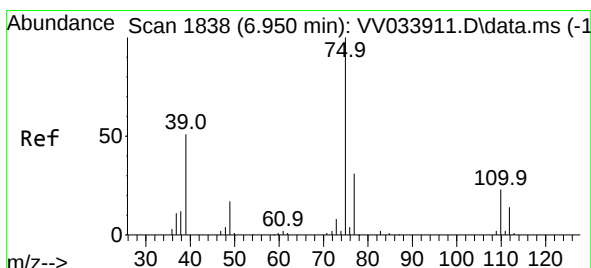
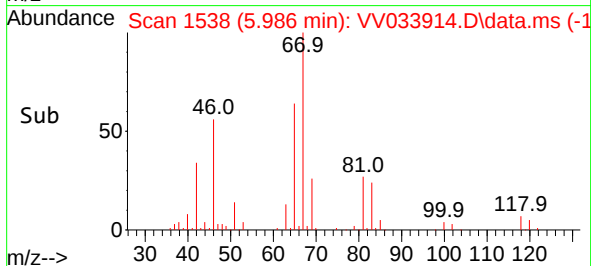
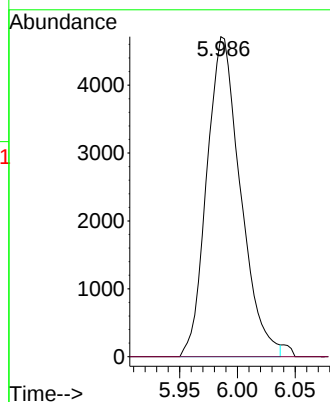
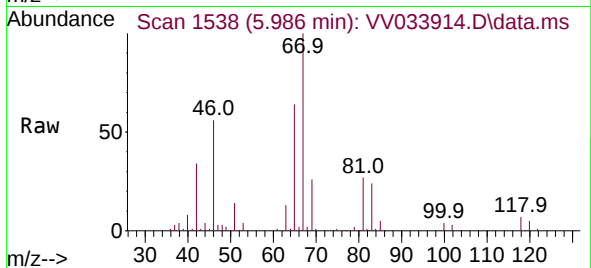
ClientSampleId :

Tgt Ion: 63 Resp: 9564

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.958 ug/L

RT: 6.915 min Scan# 1827

Delta R.T. -0.035 min

Lab File: VV033914.D

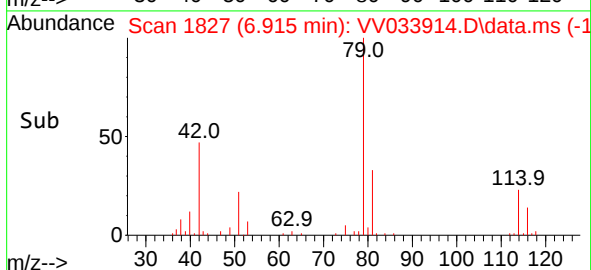
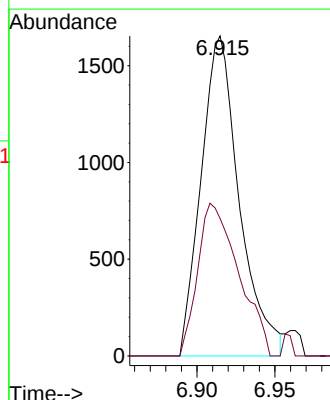
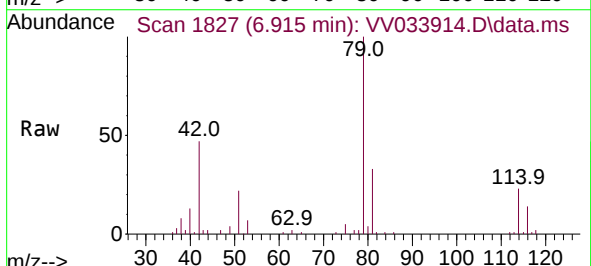
Acq: 31 Jan 2024 10:45

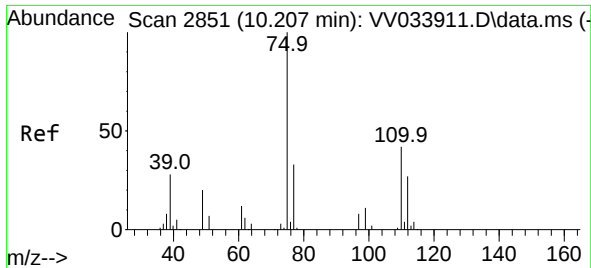
Tgt Ion: 75 Resp: 2814

Ion Ratio Lower Upper

75 100

77 43.0 22.0 41.0#





#61

1,2,3-Trichloropropane

Concen: 6.653 ug/L

RT: 11.185 min Scan# 31

Delta R.T. 0.978 min

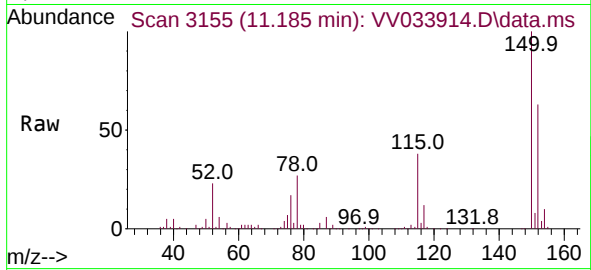
Lab File: VV033914.D

Acq: 31 Jan 2024 10:45

Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion: 75 Resp: 13291

Ion Ratio Lower Upper

75 100

77 35.2 25.3 37.9

110 2.5 29.5 44.3#

