

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060923\  
 Data File : VX036099.D  
 Acq On : 09 Jun 2023 11:14  
 Operator : JC/MD  
 Sample : 03107-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 C0FF6

Quant Time: Jun 10 00:12:03 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML060623WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jun 10 00:08:47 2023  
 Response via : Initial Calibration

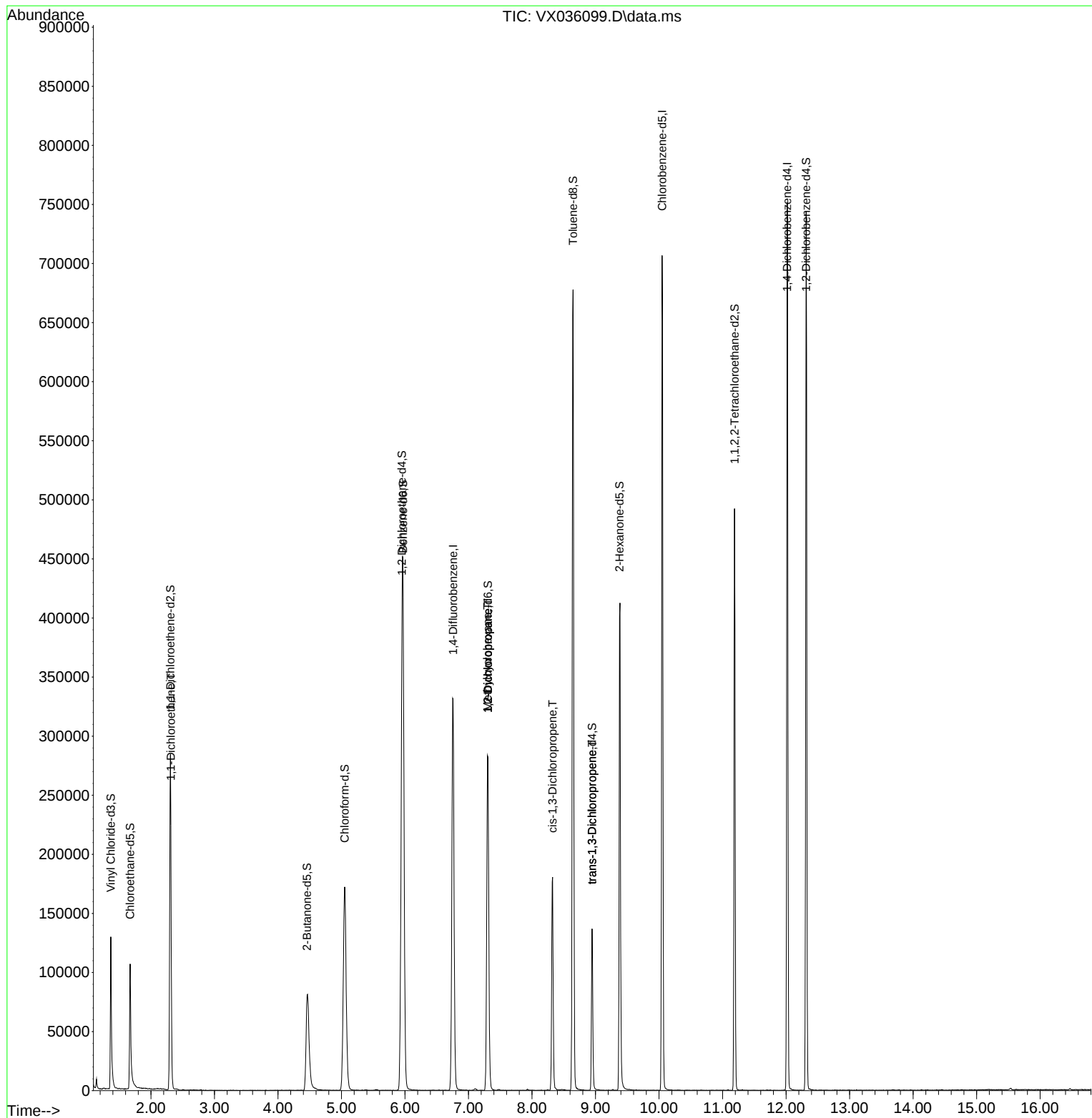
| Compound                      | R.T.    | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|--------|----------|----------|
| Internal Standards            |         |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.757   | 114            | 316132   | 50.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 10.049  | 117            | 288938   | 50.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.018  | 152            | 137786   | 50.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65             | 96835    | 45.085 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =      | 90.160%  |          |
| 7) Chloroethane-d5            | 1.672   | 69             | 80272    | 48.731 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =      | 97.460%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.307   | 65             | 52415    | 48.131 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 96.260%  |          |
| 21) 2-Butanone-d5             | 4.459   | 46             | 171442   | 97.382 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =      | 97.380%  |          |
| 24) Chloroform-d              | 5.050   | 84             | 216169   | 48.265 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 96.540%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.952   | 65             | 165872   | 50.754 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 101.500% |          |
| 32) Benzene-d6                | 5.970   | 84             | 424460   | 48.834 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 97.660%  |          |
| 36) 1,2-Dichloropropane-d6    | 7.306   | 67             | 133076   | 49.257 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =      | 98.520%  |          |
| 41) Toluene-d8                | 8.647   | 98             | 387351   | 48.419 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 96.840%  |          |
| 43) trans-1,3-Dichloroprop... | 8.946   | 79             | 58487    | 45.099 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 90.200%  |          |
| 47) 2-Hexanone-d5             | 9.378   | 63             | 115540   | 96.042 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =      | 96.040%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189  | 84             | 176518   | 47.834 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =      | 95.660%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.317  | 152            | 133341   | 49.845 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 99.680%  |          |
| Target Compounds              |         |                |          |        |          |          |
| 12) 1,1-Dichloroethene        | 2.313   | 96             | 1069     | 0.509  | ug/L #   | 1        |
| 35) Methylcyclohexane         | 7.300   | 83             | 34661    | 9.107  | ug/L #   | 17       |
| 37) 1,2-Dichloropropane       | 7.306   | 63             | 17175    | 6.798  | ug/L #   | 87       |
| 39) cis-1,3-Dichloropropene   | 8.324   | 75             | 4547     | 1.152  | ug/L #   | 65       |
| 44) trans-1,3-Dichloropropene | 8.946   | 75             | 3109     | 0.841  | ug/L     | 93       |

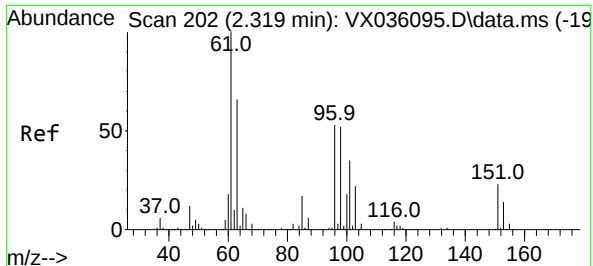
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Sat Jun 10 00:08:47 2023  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.509 ug/L

RT: 2.313 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX036099.D

Acq: 09 Jun 2023 11:14

Instrument :

MSVOA\_X

ClientSampleId :

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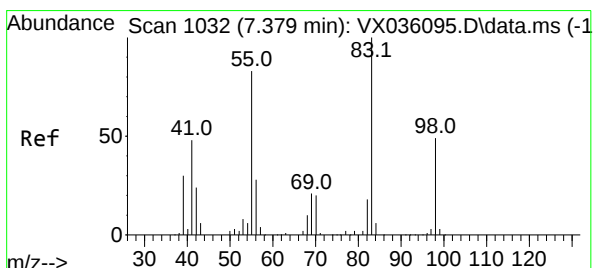
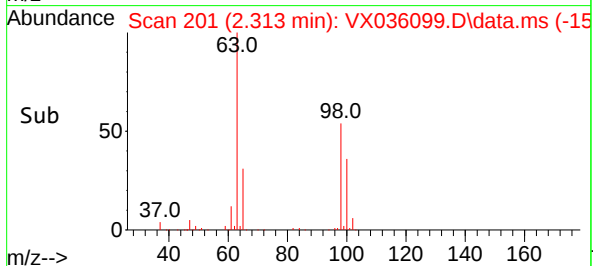
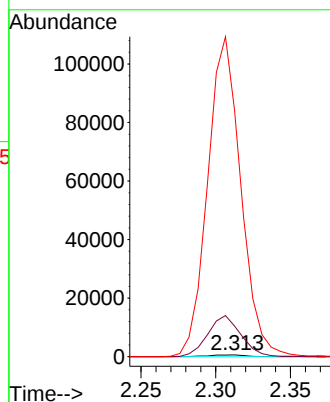
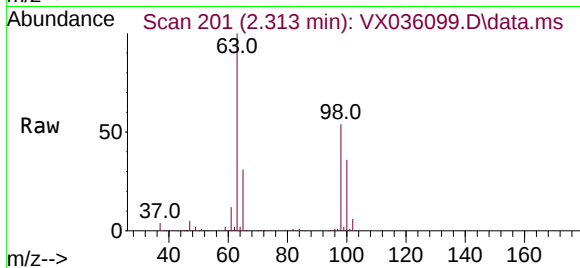
Tgt Ion: 96 Resp: 1069

Ion Ratio Lower Upper

96 100

61 1760.4 132.5 246.1#

63 14181.5 95.1 176.7#



#35

Methylcyclohexane

Concen: 9.107 ug/L

RT: 7.300 min Scan# 1019

Delta R.T. -0.079 min

Lab File: VX036099.D

Acq: 09 Jun 2023 11:14

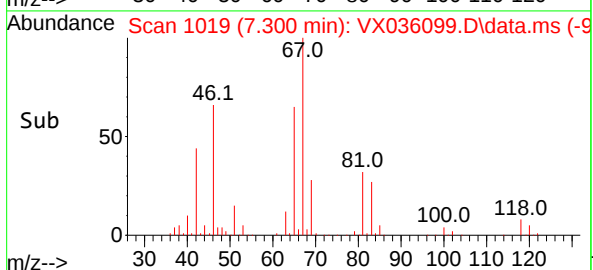
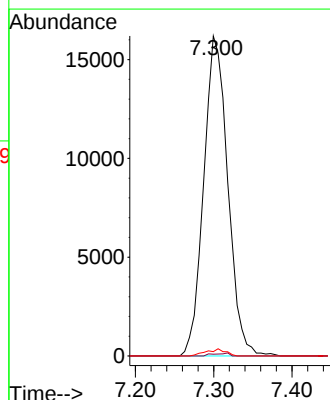
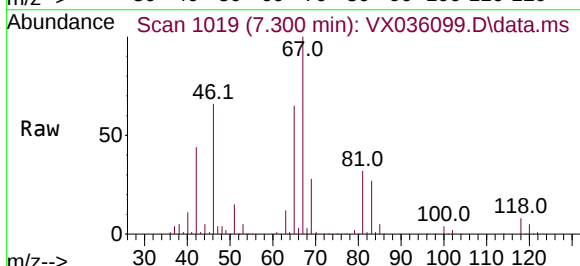
Tgt Ion: 83 Resp: 34661

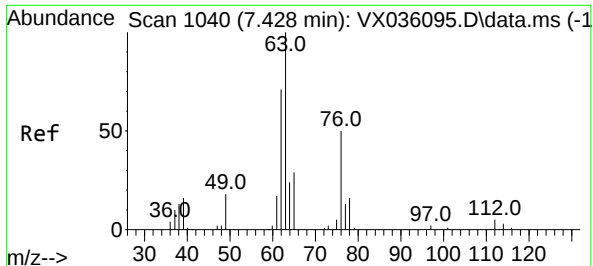
Ion Ratio Lower Upper

83 100

55 0.2 65.4 98.2#

98 1.8 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 6.798 ug/L

RT: 7.306 min Scan# 1187

Delta R.T. -0.122 min

Lab File: VX036099.D

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Instrument :

MSVOA\_X

ClientSampleId :

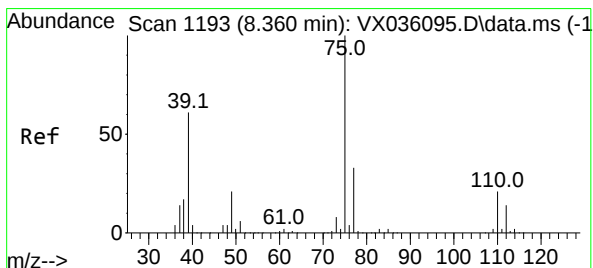
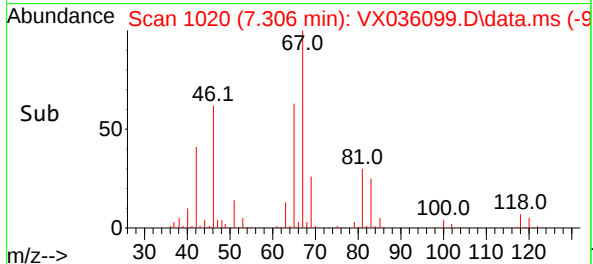
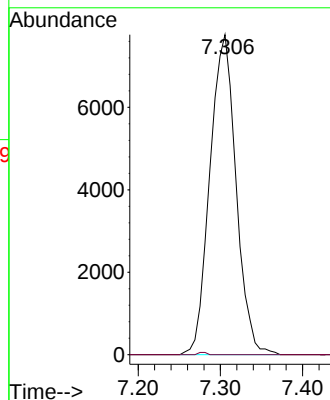
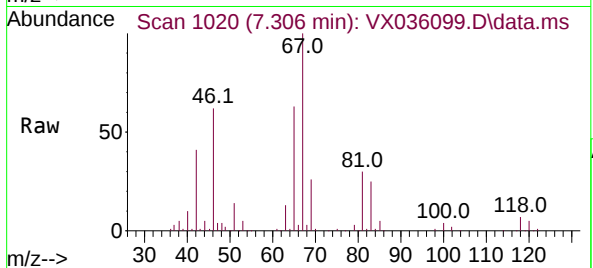
C0FF6

Tgt Ion: 63 Resp: 17175

Ion Ratio Lower Upper

63 100

112 0.2 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 1.152 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.037 min

Lab File: VX036099.D

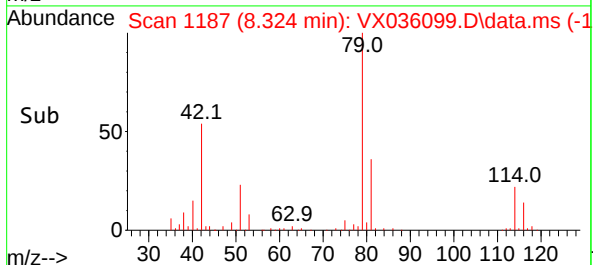
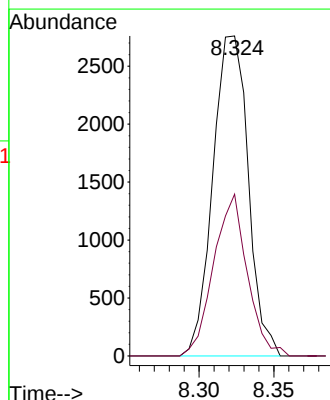
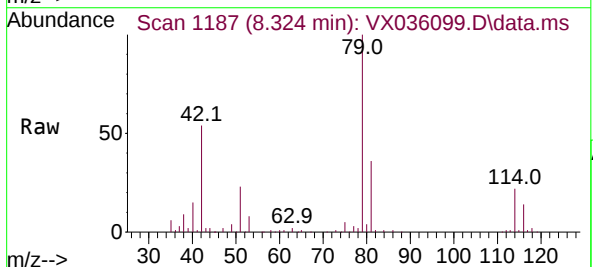
Acq: 09 Jun 2023 11:14

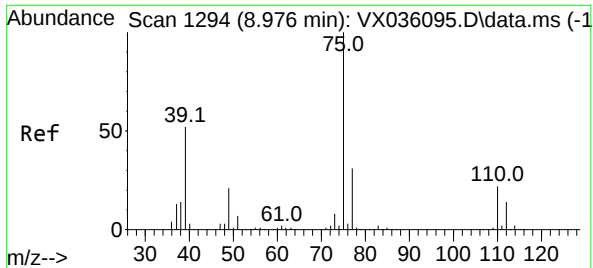
Tgt Ion: 75 Resp: 4547

Ion Ratio Lower Upper

75 100

77 50.6 21.9 40.7#





#44  
 trans-1,3-Dichloropropene  
 Concen: 0.841 ug/L  
 RT: 8.946 min Scan# 11  
 Delta R.T. -0.031 min  
 Lab File: VX036099.D  
 Acq: 09 Jun 2023 11:14

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 C0FF6

Tgt Ion: 75 Resp: 3109  
 Ion Ratio Lower Upper  
 75 100  
 77 35.3 22.0 41.0

