

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031022\  
 Data File : VW024936.D  
 Acq On : 11 Mar 2022 00:06  
 Operator : SY/MD  
 Sample : N1879-05  
 Misc : 5mL/MSVOA\_V/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0D89

Quant Time: Mar 11 05:27:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM022822WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 11 05:21:24 2022  
 Response via : Initial Calibration

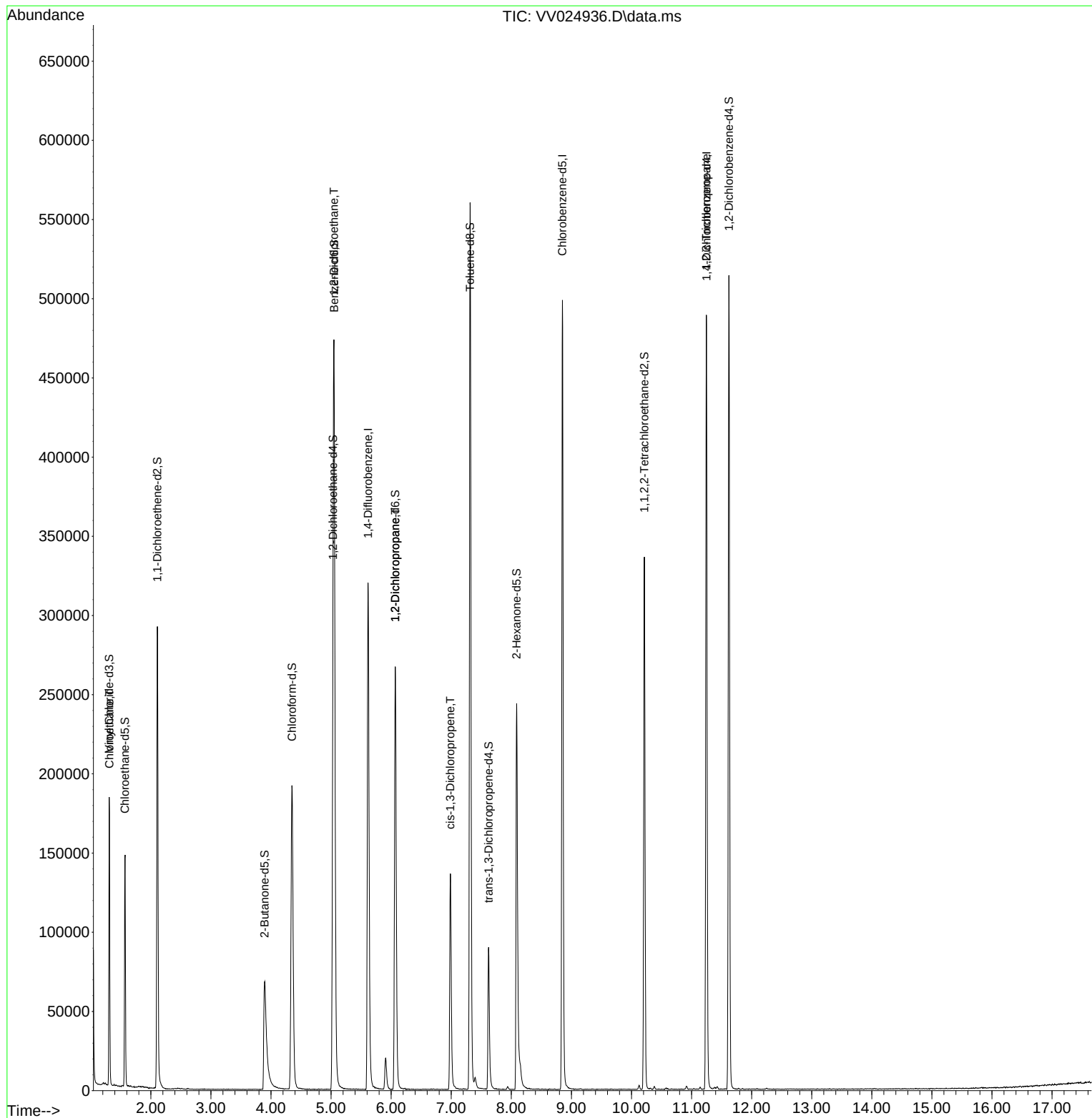
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616   | 114   | 283906   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850   | 117   | 277946   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249  | 152   | 124444   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307   | 65    | 116001   | 40.183   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 80.360%  |
| 7) Chloroethane-d5            | 1.568   | 69    | 92688    | 40.924   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 81.840%  |
| 11) 1,1-Dichloroethene-d2     | 2.108   | 63    | 151122   | 31.190   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 62.380%  |
| 21) 2-Butanone-d5             | 3.892   | 46    | 133707   | 81.386   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 81.390%  |
| 24) Chloroform-d              | 4.349   | 84    | 205368   | 40.753   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 81.500%  |
| 26) 1,2-Dichloroethane-d4     | 5.030   | 65    | 125771   | 42.300   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 84.600%  |
| 32) Benzene-d6                | 5.050   | 84    | 435231   | 42.246   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 84.500%  |
| 36) 1,2-Dichloropropane-d6    | 6.069   | 67    | 136731   | 42.599   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 85.200%  |
| 41) Toluene-d8                | 7.313   | 98    | 381978   | 41.852   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 83.700%  |
| 43) trans-1,3-Dichloroprop... | 7.622   | 79    | 55274    | 39.632   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 79.260%  |
| 47) 2-Hexanone-d5             | 8.088   | 63    | 90842    | 74.562   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 74.560%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.213  | 84    | 166906   | 43.841   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 87.680%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622  | 152   | 127838   | 44.596   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 89.200%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 8) Chloroethane               | 1.310   | 64    | 1249     | 0.749    | ug/L # | 1        |
| 27) 1,2-Dichloroethane        | 5.047   | 62    | 2108     | 0.710    | ug/L # | 72       |
| 37) 1,2-Dichloropropane       | 6.069   | 63    | 13972    | 5.936    | ug/L # | 86       |
| 39) cis-1,3-Dichloropropene   | 6.985   | 75    | 3384     | 0.955    | ug/L # | 69       |
| 61) 1,2,3-Trichloropropane    | 11.246  | 75    | 16042    | 6.442    | ug/L # | 65       |
| -----                         |         |       |          |          |        |          |

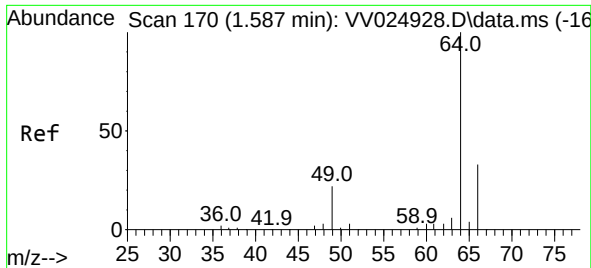
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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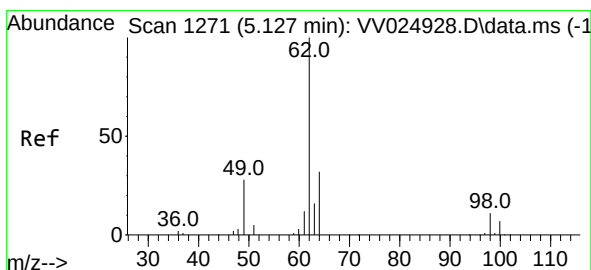
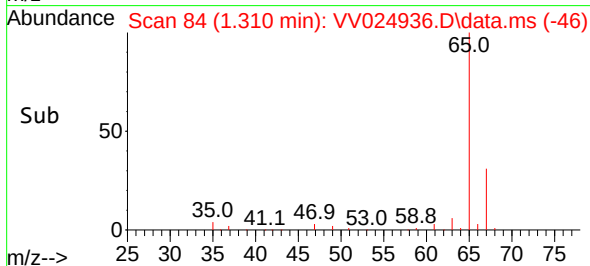
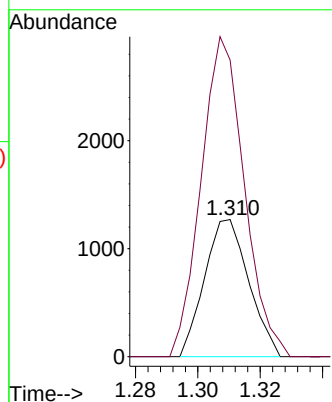
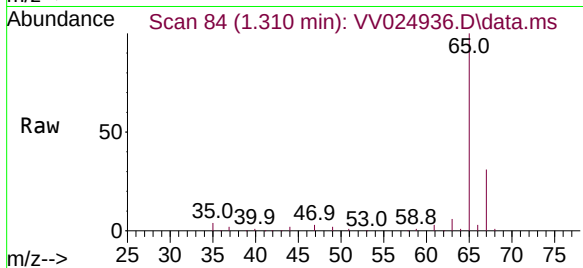




#8  
Chloroethane  
Concen: 0.749 ug/L  
RT: 1.310 min Scan# 84  
Delta R.T. -0.277 min  
Lab File: VV024936.D  
Acq: 11 Mar 2022 00:06

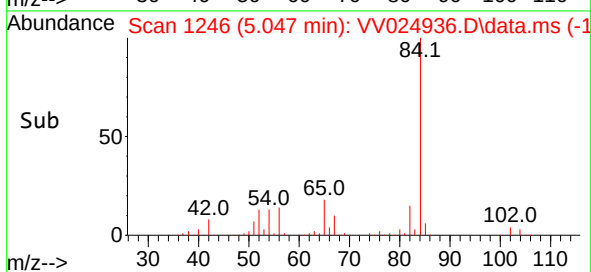
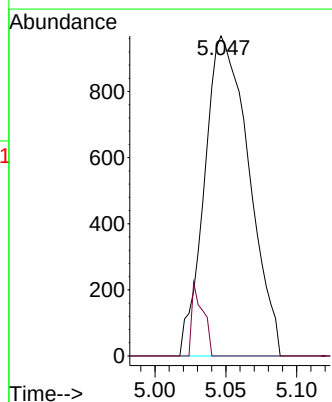
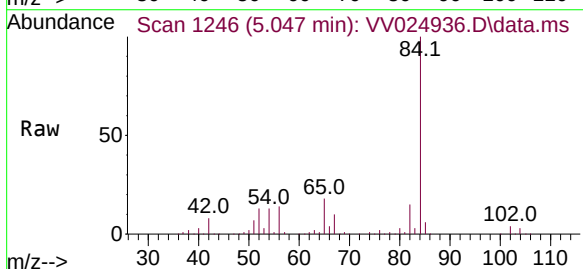
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0D89

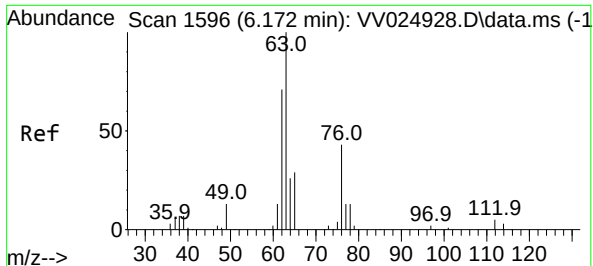
Tgt Ion: 64 Resp: 1249  
Ion Ratio Lower Upper  
64 100  
66 216.2 22.2 41.2#



#27  
1,2-Dichloroethane  
Concen: 0.710 ug/L  
RT: 5.047 min Scan# 1246  
Delta R.T. -0.080 min  
Lab File: VV024936.D  
Acq: 11 Mar 2022 00:06

Tgt Ion: 62 Resp: 2108  
Ion Ratio Lower Upper  
62 100  
98 0.0 8.2 12.4#





#37

1,2-Dichloropropane

Concen: 5.936 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV024936.D

Acq: 11 Mar 2022 00:06

Instrument :

MSVOA\_V

ClientSampleId :

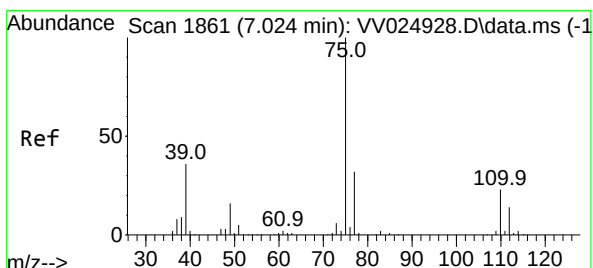
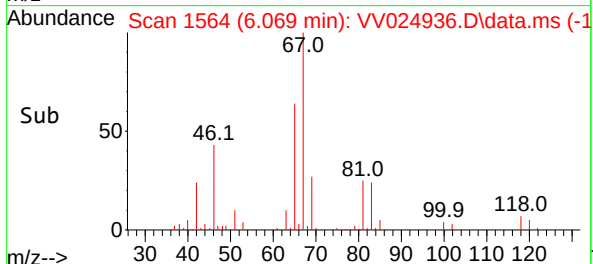
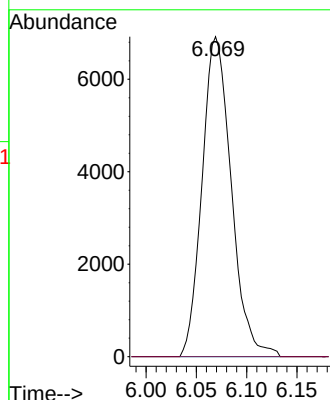
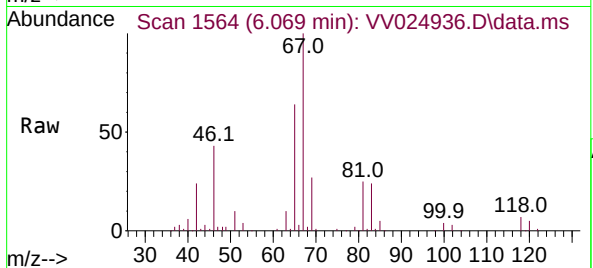
C0D89

Tgt Ion: 63 Resp: 13972

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



#39

cis-1,3-Dichloropropene

Concen: 0.955 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV024936.D

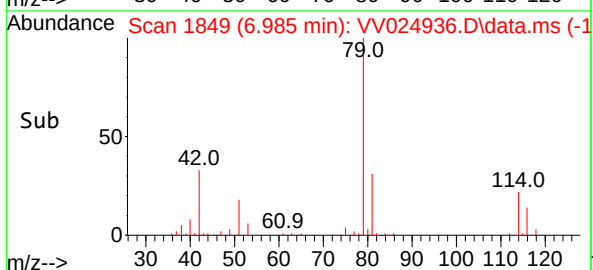
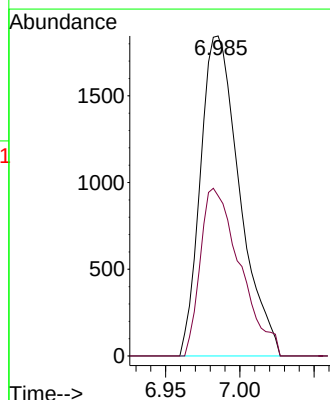
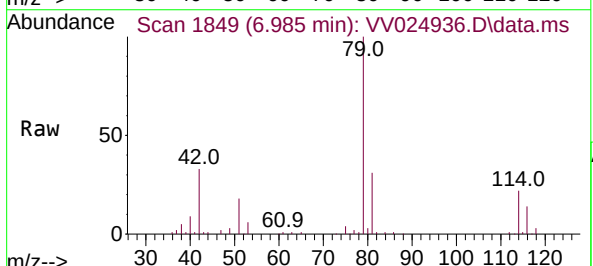
Acq: 11 Mar 2022 00:06

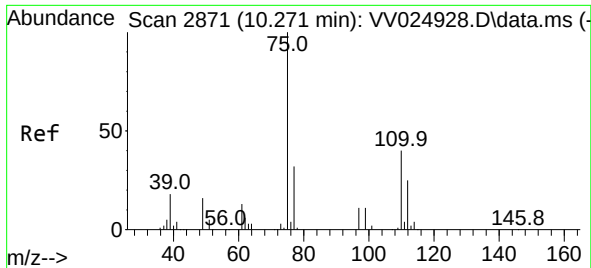
Tgt Ion: 75 Resp: 3384

Ion Ratio Lower Upper

75 100

77 50.1 22.9 42.5#





#61  
 1,2,3-Trichloropropane  
 Concen: 6.442 ug/L  
 RT: 11.246 min Scan# 31  
 Delta R.T. 0.974 min  
 Lab File: VV024936.D  
 Acq: 11 Mar 2022 00:06

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0D89

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 75 | Resp: | 16042      |
| Ion Ratio   | Lower | Upper      |
| 75          | 100   |            |
| 77          | 30.1  | 25.4 38.0  |
| 110         | 2.4   | 31.4 47.2# |

