

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW120623\  
 Data File : VW033127.D  
 Acq On : 06 Dec 2023 19:22  
 Operator : SY/MD  
 Sample : 05644-18  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Dec 07 03:47:25 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM120123WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Dec 06 01:18:11 2023  
 Response via : Initial Calibration

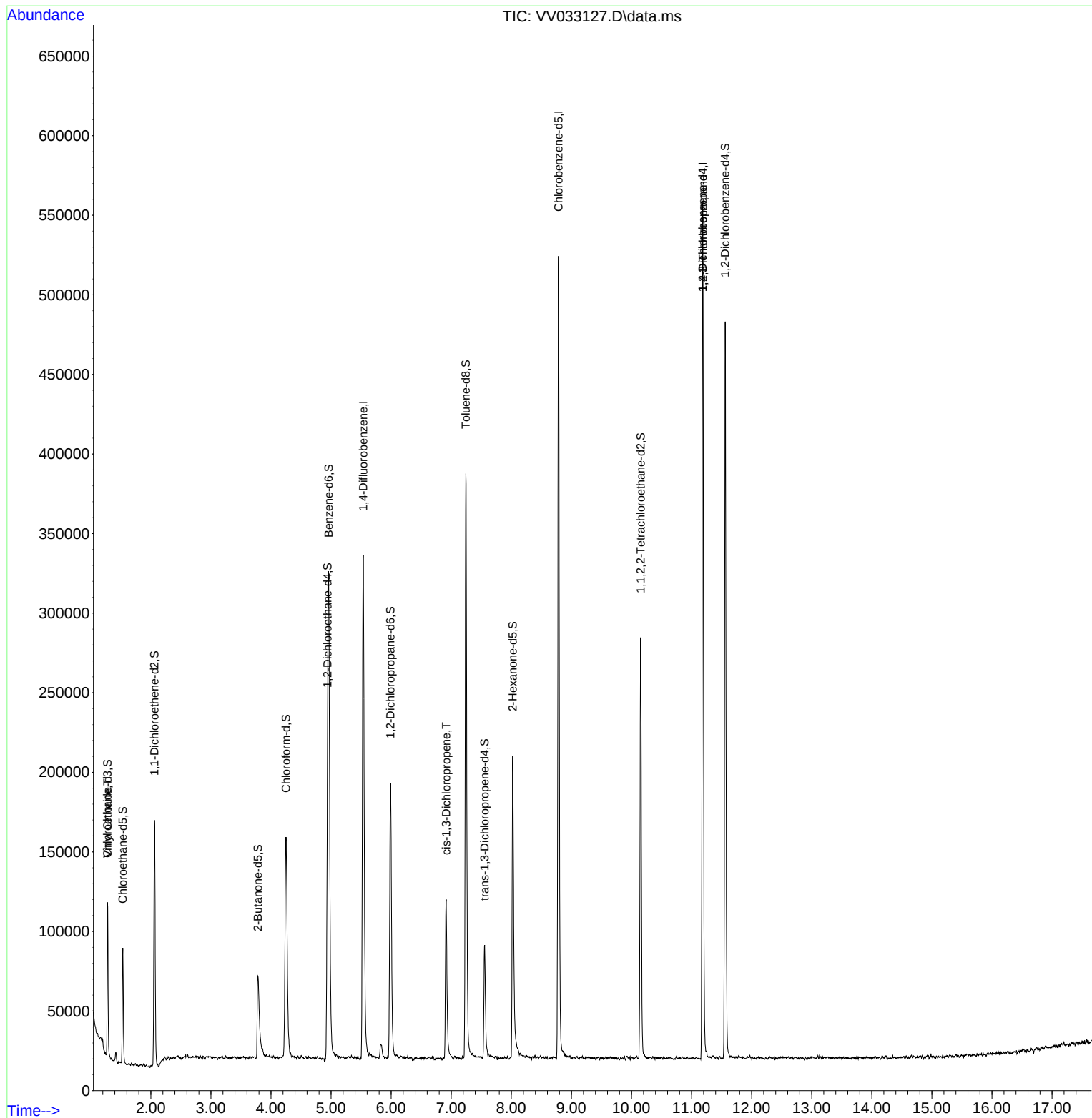
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535   | 114   | 293126   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786   | 117   | 293086   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185  | 152   | 152620   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278   | 65    | 60829    | 34.714   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 69.420%  |
| 7) Chloroethane-d5            | 1.532   | 69    | 46634    | 38.195   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 76.380%  |
| 11) 1,1-Dichloroethene-d2     | 2.059   | 65    | 24542    | 36.816   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 73.640%  |
| 21) 2-Butanone-d5             | 3.780   | 46    | 82510    | 94.802   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 94.800%  |
| 24) Chloroform-d              | 4.249   | 84    | 153121   | 41.176   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 82.360%  |
| 26) 1,2-Dichloroethane-d4     | 4.940   | 65    | 100779   | 43.589   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 87.180%  |
| 32) Benzene-d6                | 4.960   | 84    | 277235   | 40.445   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 80.880%  |
| 36) 1,2-Dichloropropane-d6    | 5.989   | 67    | 78016    | 42.330   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 84.660%  |
| 41) Toluene-d8                | 7.243   | 98    | 255024   | 39.001   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 78.000%# |
| 43) trans-1,3-Dichloroprop... | 7.554   | 79    | 42495    | 36.463   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 72.920%  |
| 47) 2-Hexanone-d5             | 8.024   | 63    | 64182    | 86.684   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 86.680%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152  | 84    | 115494   | 44.082   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 88.160%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.561  | 152   | 122850   | 45.241   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 90.480%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 8) Chloroethane               | 1.278   | 64    | 967      | 0.896    | ug/L # | 1        |
| 39) cis-1,3-Dichloropropene   | 6.915   | 75    | 2854     | 0.915    | ug/L # | 58       |
| 61) 1,2,3-Trichloropropane    | 11.188  | 75    | 13434    | 7.059    | ug/L # | 59       |
| -----                         |         |       |          |          |        |          |

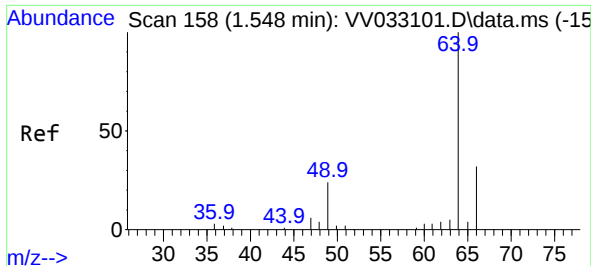
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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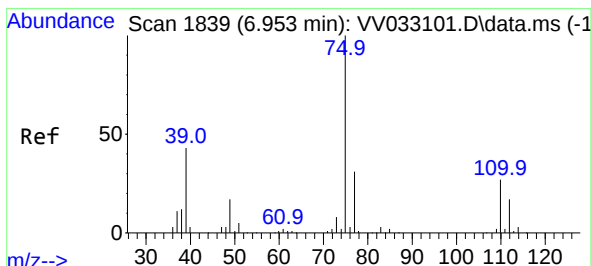
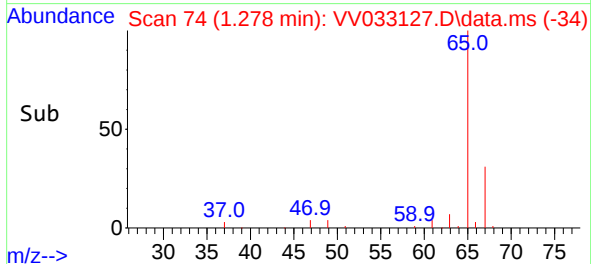
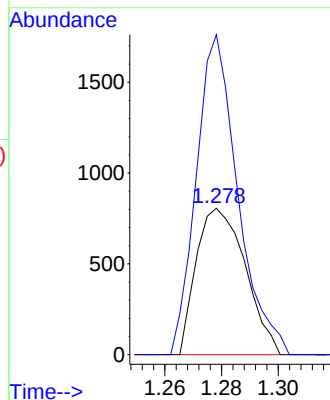
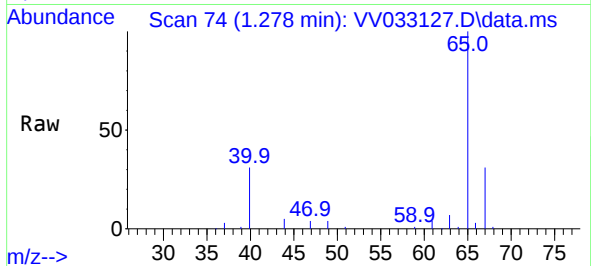




#8  
Chloroethane  
Concen: 0.896 ug/L  
RT: 1.278 min Scan# 74  
Delta R.T. -0.270 min  
Lab File: VV033127.D  
Acq: 06 Dec 2023 19:22

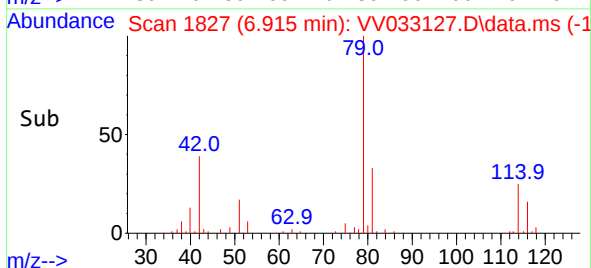
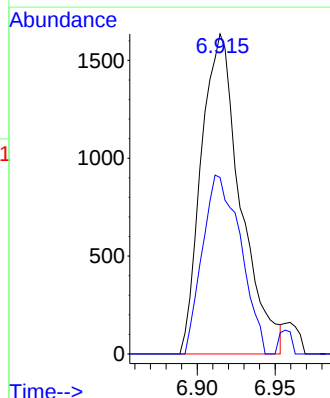
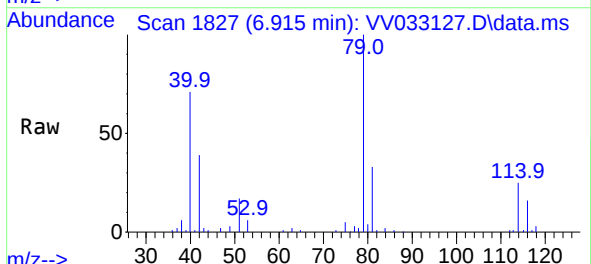
Instrument :  
MSVOA\_V  
ClientSampleId :

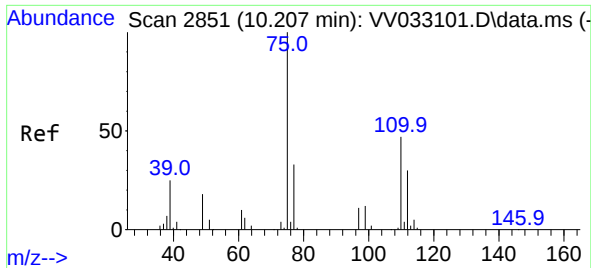
Tgt Ion: 64 Resp: 967  
Ion Ratio Lower Upper  
64 100  
66 218.6 22.3 41.5#



#39  
cis-1,3-Dichloropropene  
Concen: 0.915 ug/L  
RT: 6.915 min Scan# 1827  
Delta R.T. -0.035 min  
Lab File: VV033127.D  
Acq: 06 Dec 2023 19:22

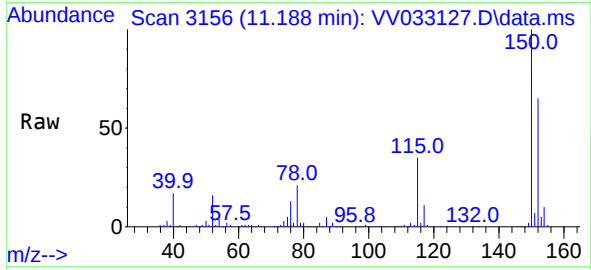
Tgt Ion: 75 Resp: 2854  
Ion Ratio Lower Upper  
75 100  
77 55.2 22.4 41.6#





#61  
1,2,3-Trichloropropane  
Concen: 7.059 ug/L  
RT: 11.188 min Scan# 31  
Delta R.T. 0.981 min  
Lab File: VV033127.D  
Acq: 06 Dec 2023 19:22

Instrument :  
MSVOA\_V  
ClientSampleId :



|             |                |
|-------------|----------------|
| Tgt Ion: 75 | Resp: 13434    |
| Ion Ratio   | Lower Upper    |
| 75          | 100            |
| 77          | 36.9 27.0 40.6 |
| 110         | 3.4 38.1 57.1# |

