

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV093024\  
 Data File : VV037682.D  
 Acq On : 01 Oct 2024 01:16  
 Operator : SY/MD  
 Sample : VIBLK396  
 Misc : 5mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VIBLK396

Quant Time: Oct 01 07:49:44 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Oct 01 04:32:07 2024  
 Response via : Initial Calibration

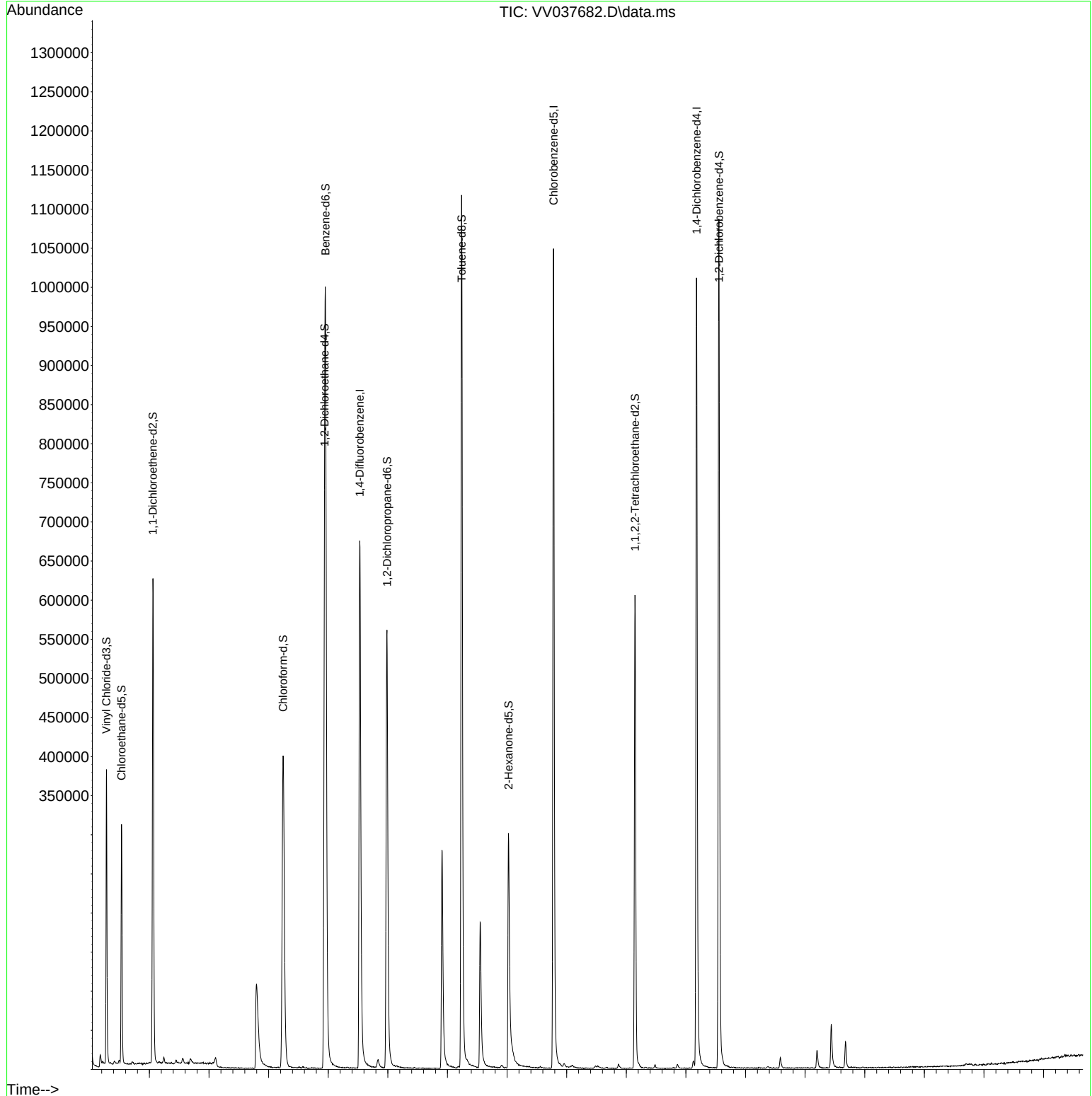
| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|-------|----------|
| -----                         |         |       |          |          |       |          |
| Internal Standards            |         |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.529   | 114   | 611367   | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.779   | 117   | 575045   | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.178  | 152   | 267691   | 50.000   | ug/L  | 0.00     |
|                               |         |       |          |          |       |          |
| System Monitoring Compounds   |         |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.278   | 65    | 247500   | 46.117   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 92.240%  |
| 7) Chloroethane-d5            | 1.532   | 69    | 200206   | 48.060   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 96.120%  |
| 11) 1,1-Dichloroethene-d2     | 2.059   | 65    | 104974   | 46.817   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 93.640%  |
| 21) 2-Butanone-d5             | 3.793   | 46    | 162873   | 85.204   | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 85.200%  |
| 24) Chloroform-d              | 4.243   | 84    | 437135   | 45.782   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 91.560%  |
| 26) 1,2-Dichloroethane-d4     | 4.937   | 65    | 273014   | 48.850   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 97.700%  |
| 32) Benzene-d6                | 4.953   | 84    | 893401   | 49.649   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 99.300%  |
| 36) 1,2-Dichloropropane-d6    | 5.985   | 67    | 283139   | 49.414   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 98.820%  |
| 41) Toluene-d8                | 7.239   | 98    | 773213   | 47.388   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 94.780%  |
| 43) trans-1,3-Dichloroprop... | 7.548   | 79    | 119532   | 44.907   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 89.820%  |
| 47) 2-Hexanone-d5             | 8.024   | 63    | 108072   | 89.321   | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 89.320%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146  | 84    | 295266   | 44.349   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 88.700%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.554  | 152   | 286906   | 50.863   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 101.720% |
|                               |         |       |          |          |       |          |
| Target Compounds              |         |       |          |          |       | Qvalue   |
| 20) cis-1,2-Dichloroethene    | 3.815   | 96    | 10536    | 2.187    | ug/L  | 96       |
| 70) 1,2,4-trichlorobenzene    | 13.204  | 180   | 7613     | 1.424    | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.680  | 180   | 11003    | 2.085    | ug/L  | 97       |
| -----                         |         |       |          |          |       |          |

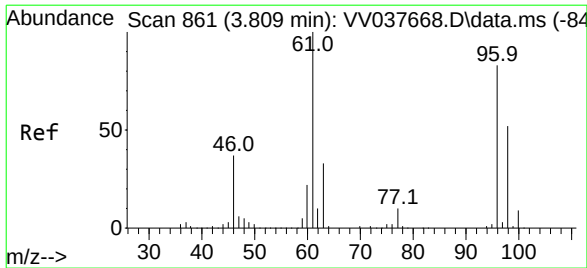
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 2.187 ug/L

RT: 3.815 min Scan# 861

Delta R.T. 0.006 min

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Instrument :

MSVOA\_V

ClientSampleId :

VIBLK396

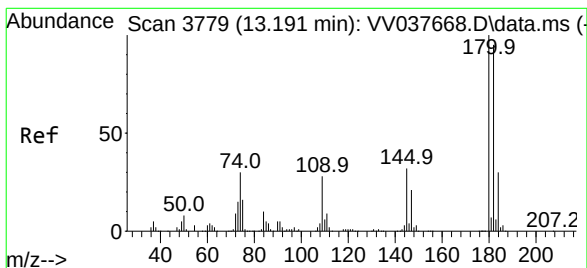
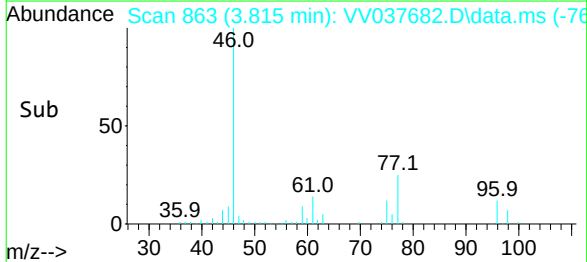
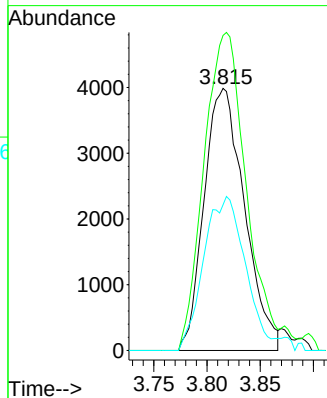
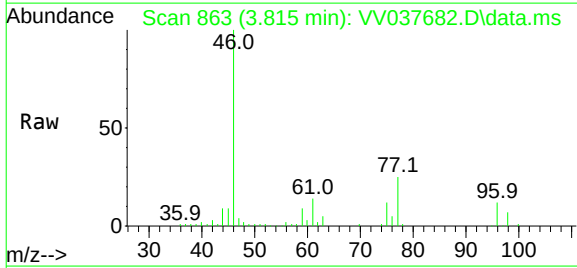
Tgt Ion: 96 Resp: 10536

Ion Ratio Lower Upper

96 100

61 120.2 85.0 157.8

98 55.6 44.2 82.0



#70

1,2,4-trichlorobenzene

Concen: 1.424 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.013 min

Lab File: VV037682.D

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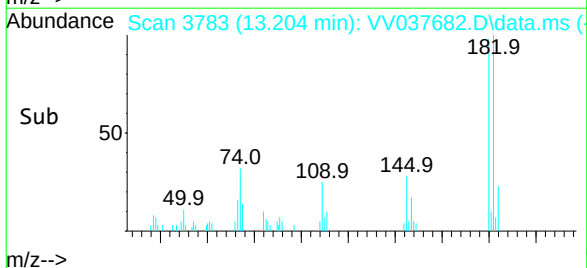
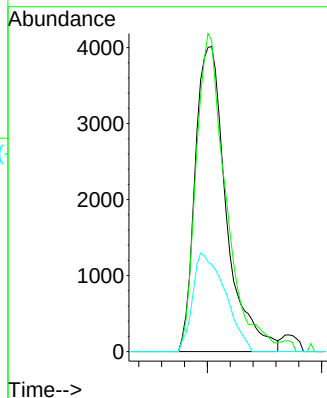
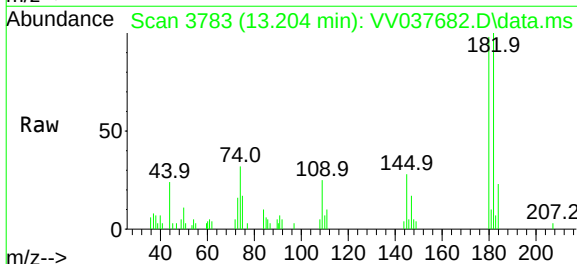
Tgt Ion: 180 Resp: 7613

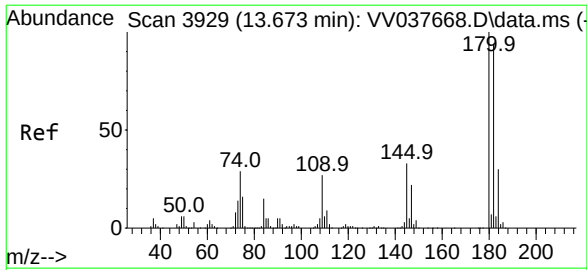
Ion Ratio Lower Upper

180 100

182 95.5 75.9 113.9

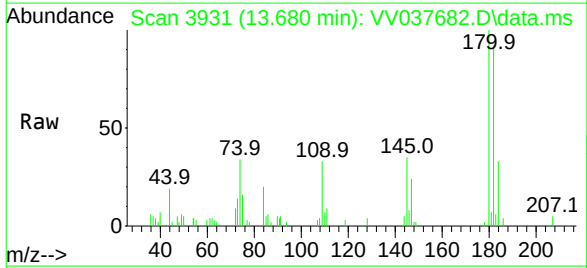
145 33.5 25.4 38.2





#72  
1,2,3-Trichlorobenzene  
Concen: 2.085 ug/L  
RT: 13.680 min Scan# 39  
Delta R.T. 0.006 min  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 11003 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 92.0  | 75.8  | 113.8 |
| 145      | 31.3  | 26.2  | 39.4  |

