

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW111021\  
 Data File : VW023381.D  
 Acq On : 11 Nov 2021 12:37  
 Operator : SY/MD  
 Sample : M4558-19DL 100X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 68 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GB881DL

Quant Time: Nov 12 00:29:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 11 08:19:32 2021  
 Response via : Initial Calibration

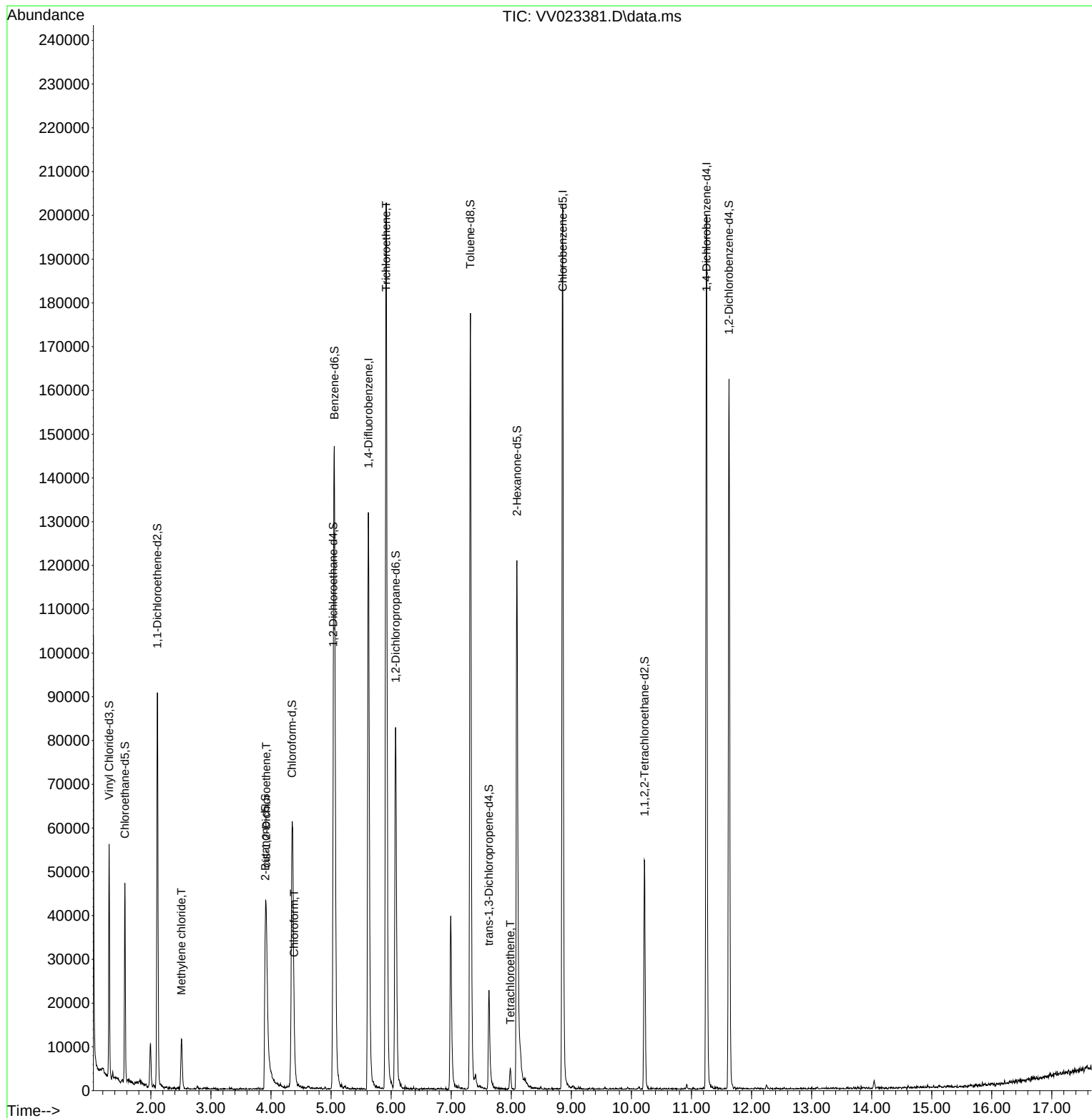
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.622  | 114   | 115801   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857  | 117   | 113658   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 52544    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 32217    | 4.441    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 88.800%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 26490    | 4.480    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 89.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 46174    | 3.400    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 68.000%  |
| 20) 2-Butanone-d5             | 3.905  | 46    | 51398    | 41.124   | ug/L   | 0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 82.240%  |
| 24) Chloroform-d              | 4.352  | 84    | 64571    | 4.177    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 83.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 31933    | 4.593    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.800%  |
| 32) Benzene-d6                | 5.056  | 84    | 133357   | 4.573    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 91.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.075  | 67    | 39696    | 4.624    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 92.400%  |
| 41) Toluene-d8                | 7.320  | 98    | 118524   | 4.337    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 86.800%  |
| 43) trans-1,3-Dichloroprop... | 7.628  | 79    | 14256    | 4.380    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 87.600%  |
| 46) 2-Hexanone-d5             | 8.095  | 63    | 42201    | 35.236   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 70.480%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220 | 84    | 24742    | 4.008    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 80.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 42305    | 4.835    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 96.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 2.510  | 84    | 4887     | 0.485    | ug/L   | 95       |
| 22) cis-1,2-Dichloroethene    | 3.921  | 96    | 13372    | 1.637    | ug/L   | # 87     |
| 25) Chloroform                | 4.384  | 83    | 5354     | 0.350    | ug/L   | 79       |
| 34) Trichloroethene           | 5.918  | 95    | 68063    | 8.057    | ug/L   | 97       |
| 47) Tetrachloroethene         | 7.985  | 164   | 1049     | 0.143    | ug/L   | 86       |
| -----                         |        |       |          |          |        |          |

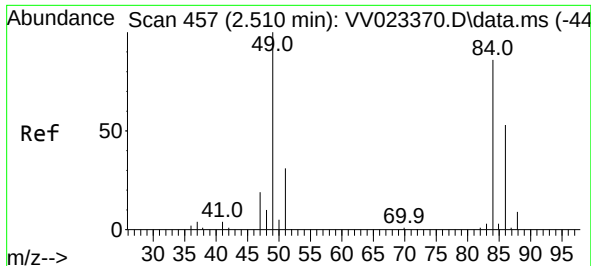
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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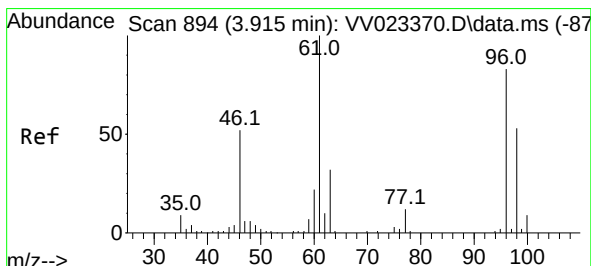
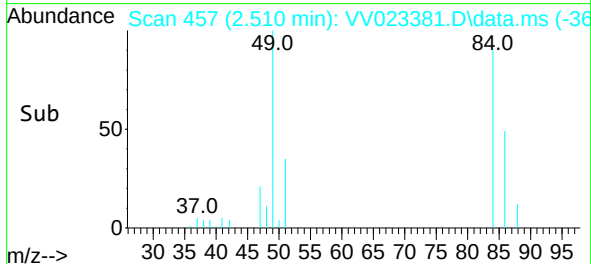
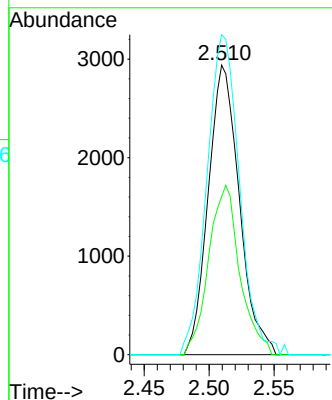
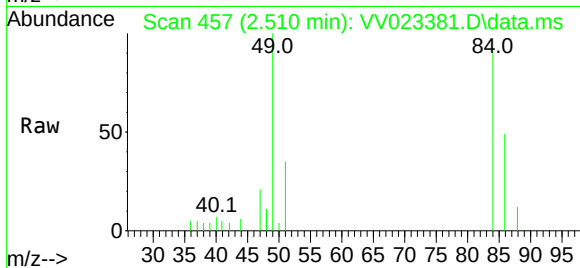




#16  
Methylene chloride  
Concen: 0.485 ug/L  
RT: 2.510 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VV023381.D  
Acq: 11 Nov 2021 12:37

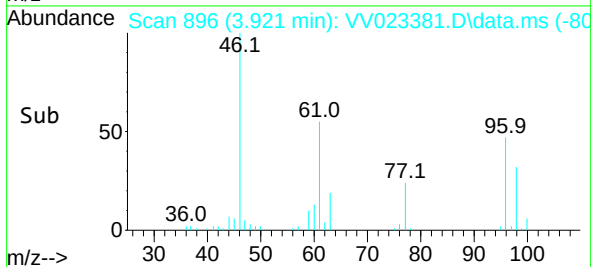
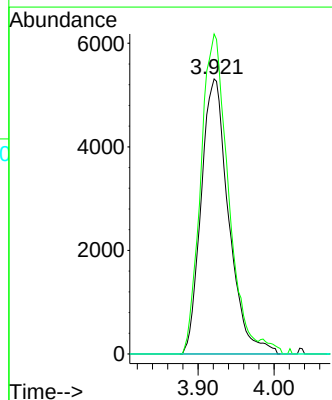
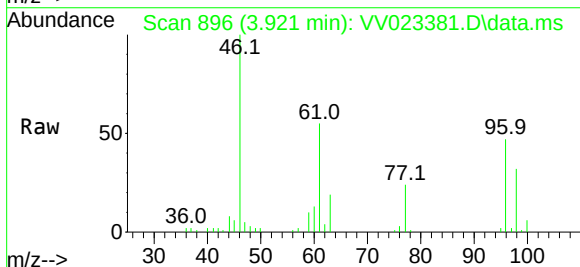
Instrument :  
MSVOA\_V  
ClientSampleId :  
GB881DL

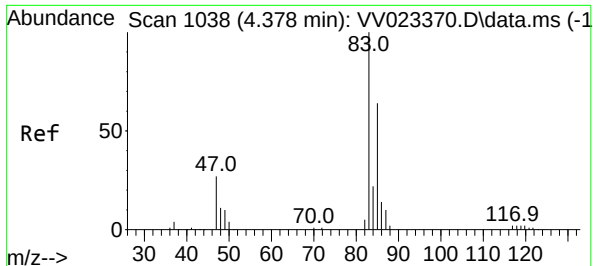
Tgt Ion: 84 Resp: 4887  
Ion Ratio Lower Upper  
84 100  
86 54.6 42.3 78.5  
49 110.5 79.7 148.1



#22  
cis-1,2-Dichloroethene  
Concen: 1.637 ug/L  
RT: 3.921 min Scan# 896  
Delta R.T. 0.006 min  
Lab File: VV023381.D  
Acq: 11 Nov 2021 12:37

Tgt Ion: 96 Resp: 13372  
Ion Ratio Lower Upper  
96 100  
61 116.3 92.3 171.3  
68 0.0 0.4 0.8





#25

Chloroform

Concen: 0.350 ug/L

RT: 4.384 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV023381.D

Acq: 11 Nov 2021 12:37

Instrument :

MSVOA\_V

ClientSampleId :

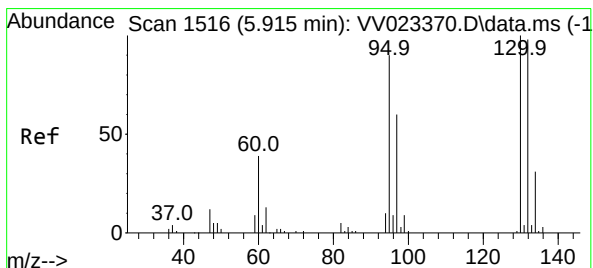
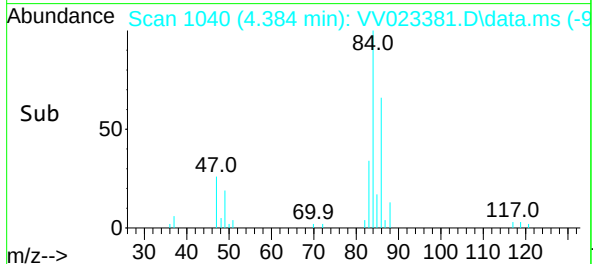
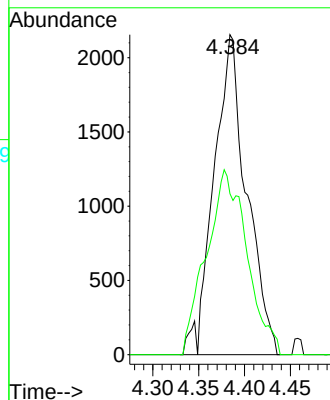
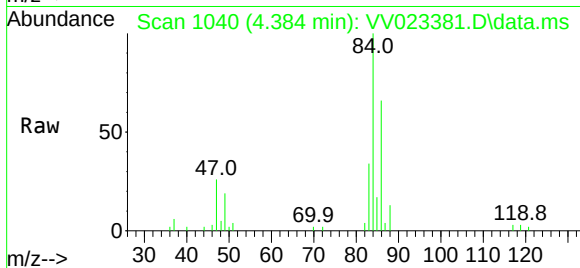
GB881DL

Tgt Ion: 83 Resp: 5354

Ion Ratio Lower Upper

83 100

85 50.3 46.8 86.8



#34

Trichloroethene

Concen: 8.057 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV023381.D

Acq: 11 Nov 2021 12:37

Tgt Ion: 95 Resp: 68063

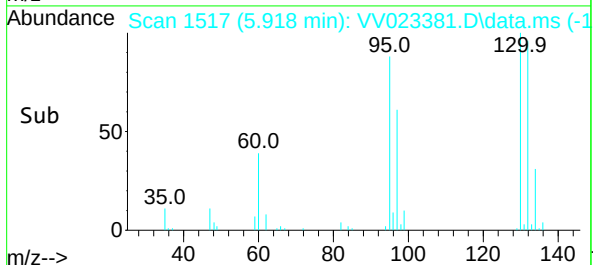
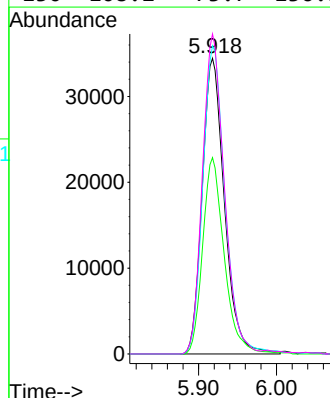
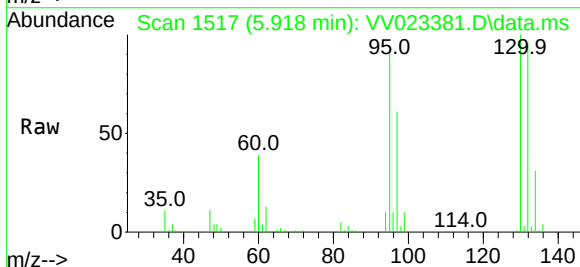
Ion Ratio Lower Upper

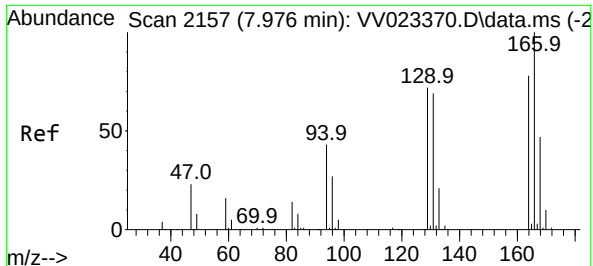
95 100

97 66.4 45.0 83.6

132 104.2 69.7 129.4

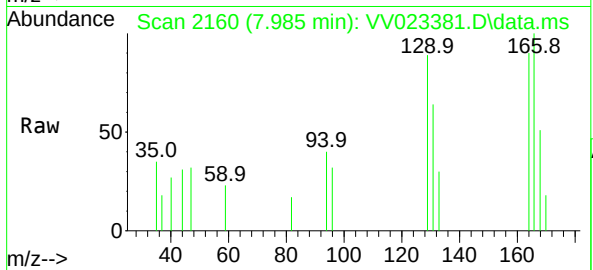
130 108.2 73.7 136.9





#47  
 Tetrachloroethene  
 Concen: 0.143 ug/L  
 RT: 7.985 min Scan# 21  
 Delta R.T. 0.009 min  
 Lab File: VV023381.D  
 Acq: 11 Nov 2021 12:37

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 ClientSampleId :  
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|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:164 | Resp: | 1049  |       |
| Ion         | Ratio | Lower | Upper |
| 164         | 100   |       |       |
| 129         | 99.2  | 64.0  | 119.0 |
| 131         | 71.1  | 63.4  | 117.8 |
| 166         | 110.9 | 89.3  | 165.9 |

