

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW111021\  
 Data File : VW023387.D  
 Acq On : 11 Nov 2021 14:56  
 Operator : SY/MD  
 Sample : M4558-18DL 400X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 74 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GB880DL

Quant Time: Nov 12 00:30:28 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

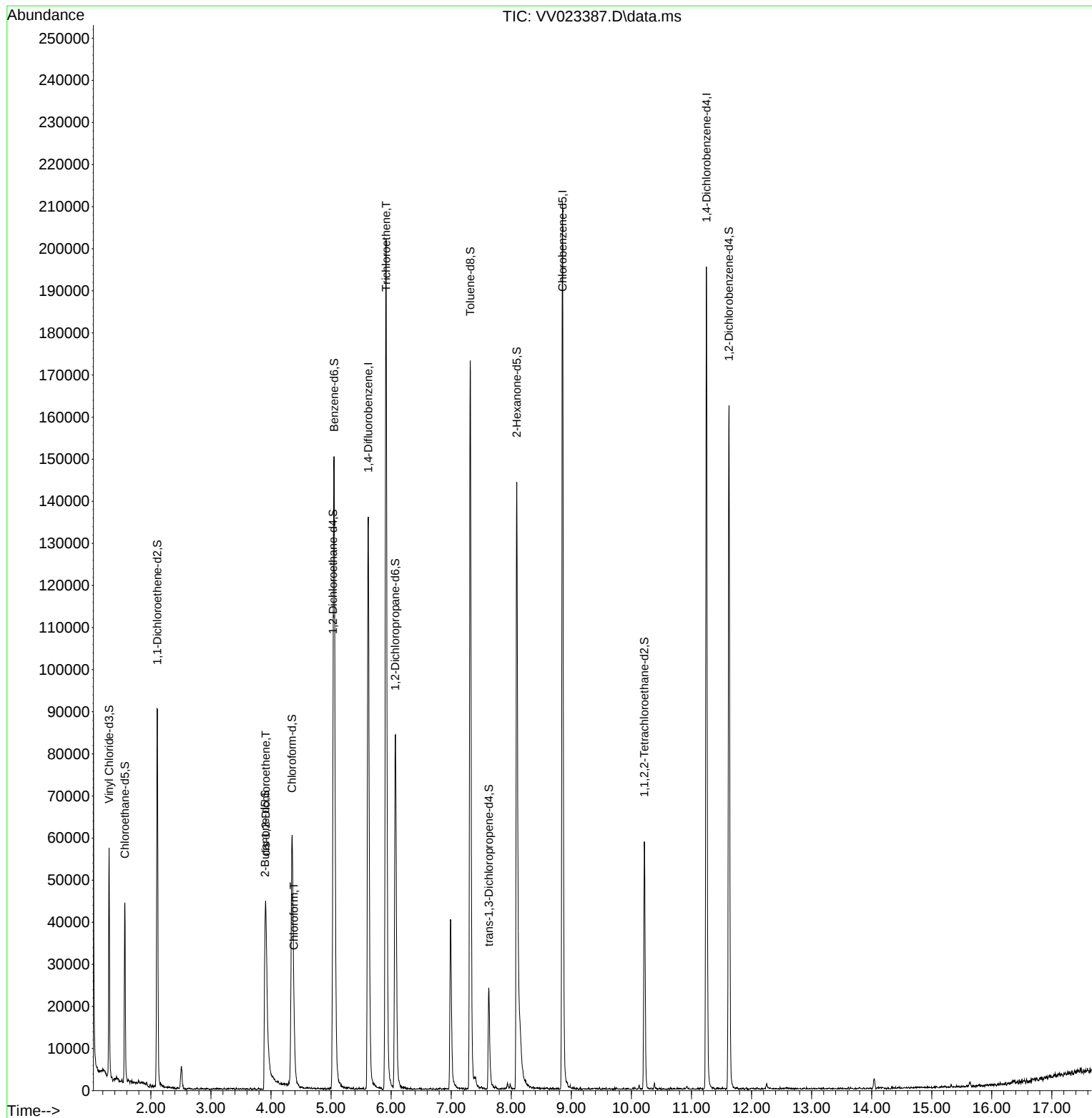
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 120716   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 117870   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 52247    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 32762    | 4.332    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 86.600%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 26582    | 4.313    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 86.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 47133    | 3.329    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 66.600%  |
| 20) 2-Butanone-d5             | 3.902  | 46    | 57405    | 44.061   | ug/L  | 0.01     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 88.120%  |
| 24) Chloroform-d              | 4.349  | 84    | 59048    | 3.664    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 73.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 34707    | 4.789    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 95.800%  |
| 32) Benzene-d6                | 5.053  | 84    | 135773   | 4.489    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 89.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67    | 41299    | 4.639    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 92.800%  |
| 41) Toluene-d8                | 7.317  | 98    | 115014   | 4.058    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 81.200%  |
| 43) trans-1,3-Dichloroprop... | 7.629  | 79    | 14726    | 4.362    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 87.200%  |
| 46) 2-Hexanone-d5             | 8.092  | 63    | 54271    | 43.695   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 87.400%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 27401    | 4.280    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 85.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 43102    | 4.954    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 99.000%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 22) cis-1,2-Dichloroethene    | 3.912  | 96    | 11780    | 1.383    | ug/L  | # 87     |
| 25) Chloroform                | 4.381  | 83    | 10580    | 0.664    | ug/L  | 96       |
| 34) Trichloroethene           | 5.915  | 95    | 67658    | 7.723    | ug/L  | 96       |
| -----                         |        |       |          |          |       |          |

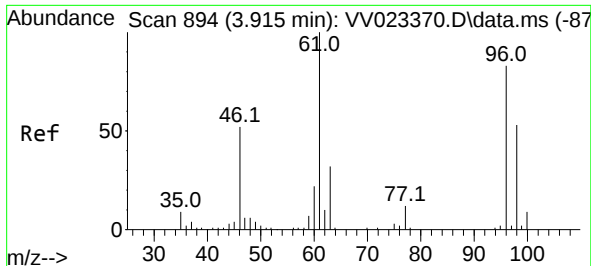
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV111021\  
Data File : VV023387.D  
Acq On : 11 Nov 2021 14:56  
Operator : SY/MD  
Sample : M4558-18DL 400X  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 74 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB880DL

Quant Time: Nov 12 00:30:28 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

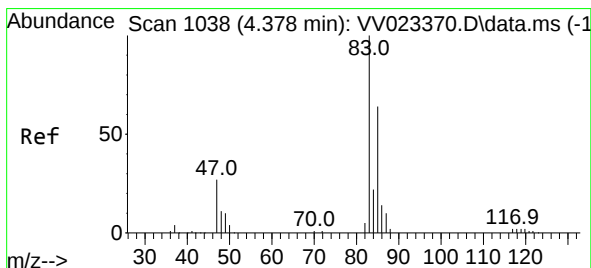
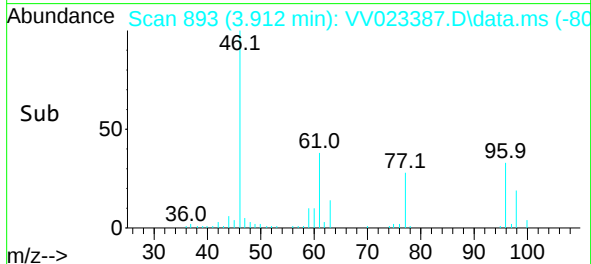
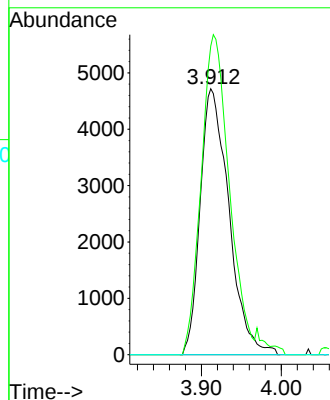
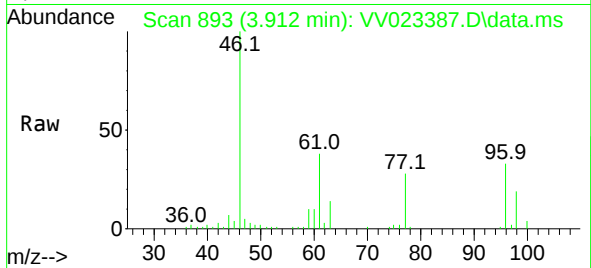




#22  
 cis-1,2-Dichloroethene  
 Concen: 1.383 ug/L  
 RT: 3.912 min Scan# 894  
 Delta R.T. -0.003 min  
 Lab File: VV023387.D  
 Acq: 11 Nov 2021 14:56

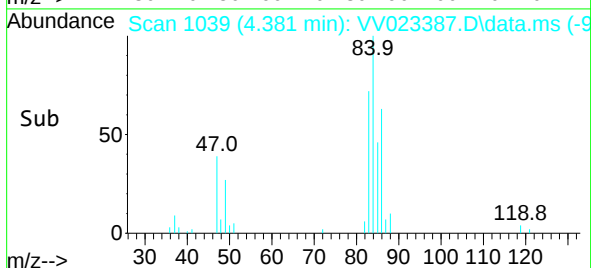
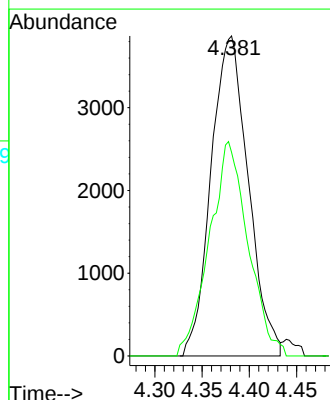
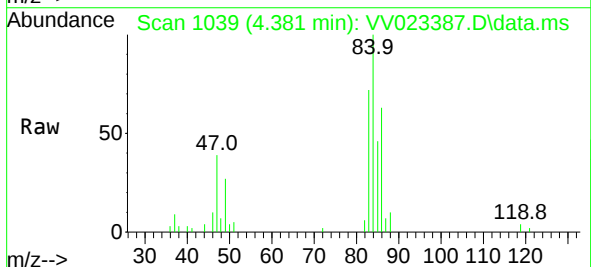
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GB880DL

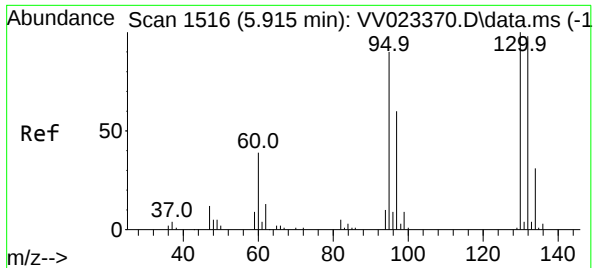
Tgt Ion: 96 Resp: 11780  
 Ion Ratio Lower Upper  
 96 100  
 61 116.1 92.3 171.3  
 68 0.0 0.4 0.8#



#25  
 Chloroform  
 Concen: 0.664 ug/L  
 RT: 4.381 min Scan# 1039  
 Delta R.T. 0.003 min  
 Lab File: VV023387.D  
 Acq: 11 Nov 2021 14:56

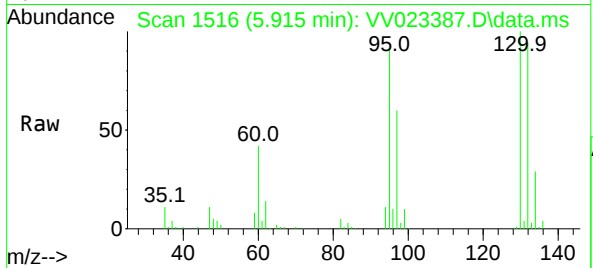
Tgt Ion: 83 Resp: 10580  
 Ion Ratio Lower Upper  
 83 100  
 85 63.7 46.8 86.8





#34  
 Trichloroethene  
 Concen: 7.723 ug/L  
 RT: 5.915 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VV023387.D  
 Acq: 11 Nov 2021 14:56

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GB880DL



Tgt Ion: 95 Resp: 67658

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 66.1  | 45.0  | 83.6  |
| 132 | 103.0 | 69.7  | 129.4 |
| 130 | 109.9 | 73.7  | 136.9 |

