

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW012722\  
 Data File : VW024467.D  
 Acq On : 27 Jan 2022 21:38  
 Operator : SY/MD  
 Sample : N1318-01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 P031-TW001-A-01

Quant Time: Jan 28 03:23:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jan 28 03:20:33 2022  
 Response via : Initial Calibration

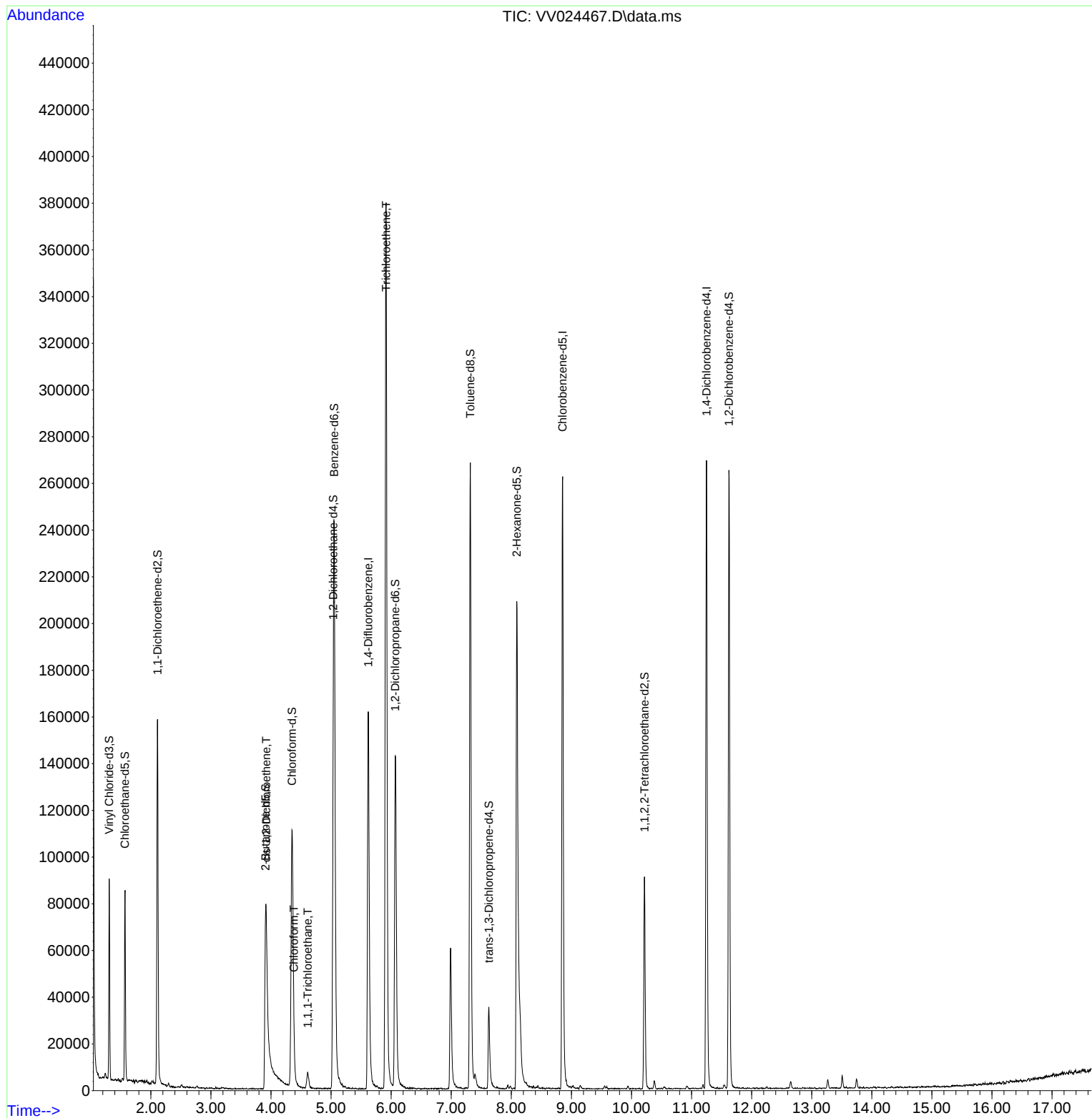
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 139133   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 149605   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 73478    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 53001    | 4.348    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 87.000%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 52228    | 4.912    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 98.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63    | 83185    | 3.570    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 71.400%  |
| 20) 2-Butanone-d5             | 3.908  | 46    | 99812    | 51.378   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 102.760% |
| 24) Chloroform-d              | 4.349  | 84    | 119212   | 5.154    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 103.000% |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 57534    | 5.492    | ug/L  | 0.01     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 109.800% |
| 32) Benzene-d6                | 5.050  | 84    | 221113   | 4.949    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 99.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67    | 73907    | 5.253    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 105.000% |
| 41) Toluene-d8                | 7.317  | 98    | 183889   | 4.486    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 89.800%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 22368    | 4.630    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 92.600%  |
| 46) 2-Hexanone-d5             | 8.092  | 63    | 84849    | 51.361   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 102.720% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 44165    | 5.274    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 105.400% |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 68832    | 5.463    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 109.200% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       |          |
| 22) cis-1,2-Dichloroethene    | 3.918  | 96    | 26639    | 2.644    | ug/L  | 95       |
| 25) Chloroform                | 4.381  | 83    | 5745     | 0.270    | ug/L  | 98       |
| 29) 1,1,1-Trichloroethane     | 4.609  | 97    | 5531     | 0.319    | ug/L  | 94       |
| 34) Trichloroethene           | 5.915  | 95    | 134485   | 11.882   | ug/L  | 96       |
| -----                         |        |       |          |          |       |          |

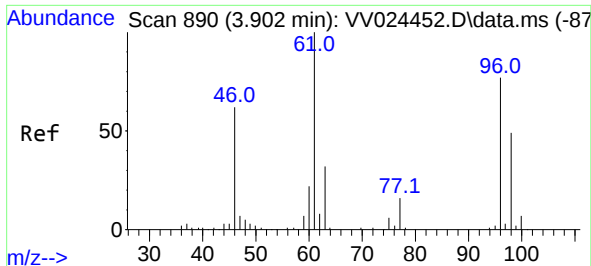
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Jan 28 03:20:33 2022  
Response via : Initial Calibration





#22

cis-1,2-Dichloroethene

Concen: 2.644 ug/L

RT: 3.918 min Scan# 890

Delta R.T. 0.016 min

Lab File: VV024467.D

Acq: 27 Jan 2022 21:38

Instrument :

MSVOA\_V

ClientSampleId :

P031-TW001-A-01

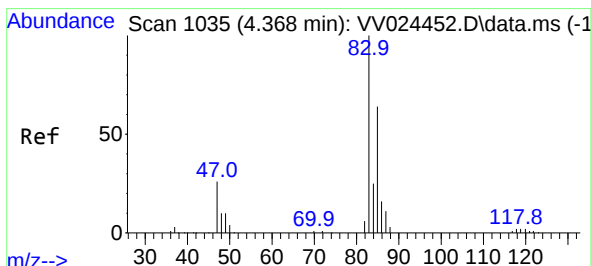
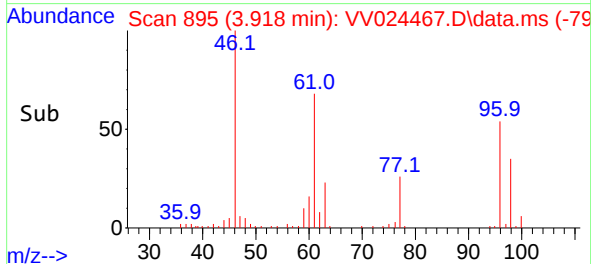
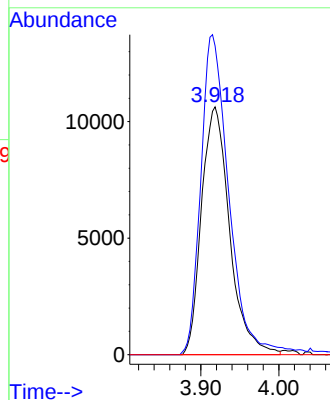
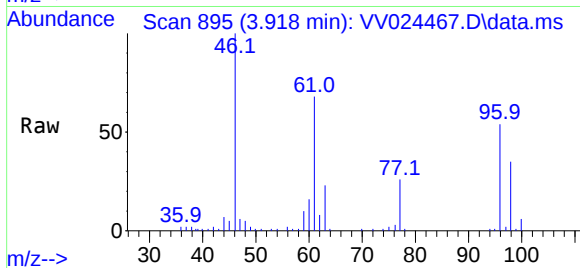
Tgt Ion: 96 Resp: 26639

Ion Ratio Lower Upper

96 100

61 124.6 83.4 154.8

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.270 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.013 min

Lab File: VV024467.D

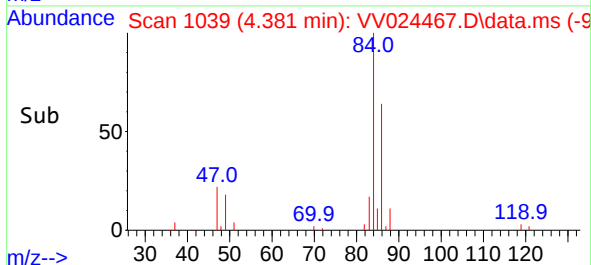
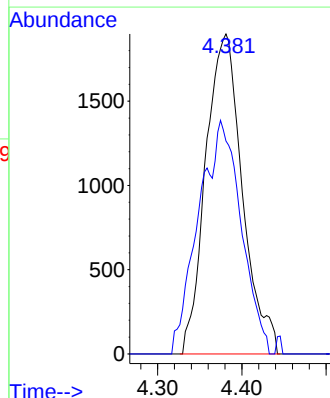
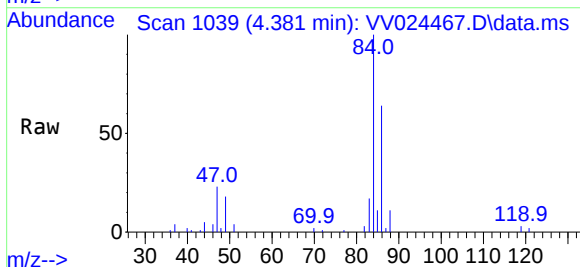
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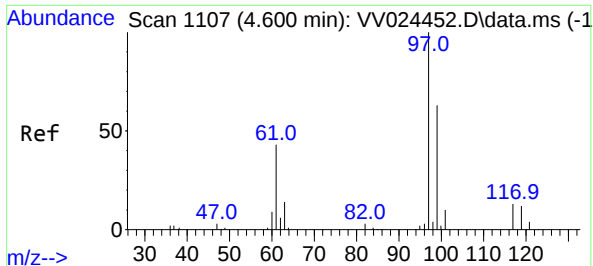
Tgt Ion: 83 Resp: 5745

Ion Ratio Lower Upper

83 100

85 66.6 45.2 84.0



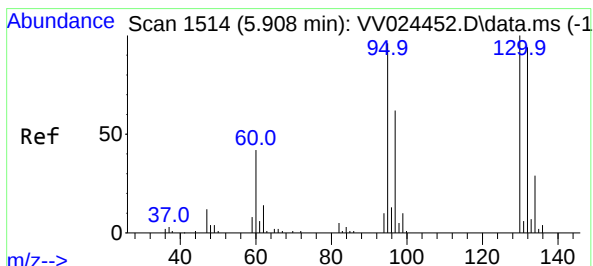
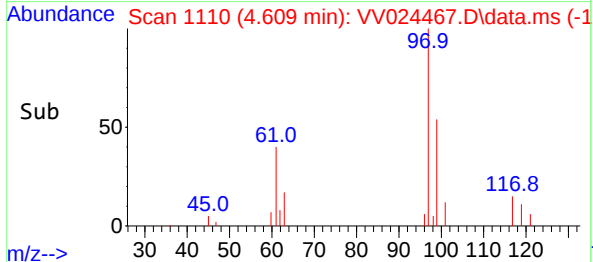
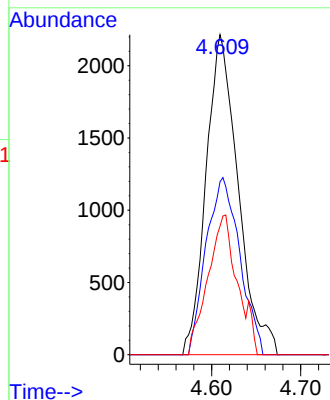
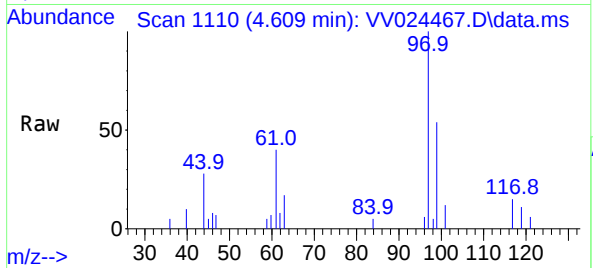


#29  
1,1,1-Trichloroethane  
Concen: 0.319 ug/L  
RT: 4.609 min Scan# 1107  
Delta R.T. 0.010 min  
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Tgt Ion: 97 Resp: 5531

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 58.1  | 51.9  | 77.9  |
| 61  | 40.3  | 33.2  | 49.8  |



#34  
Trichloroethene  
Concen: 11.882 ug/L  
RT: 5.915 min Scan# 1516  
Delta R.T. 0.007 min  
Lab File: VV024467.D  
Acq: 27 Jan 2022 21:38

Tgt Ion: 95 Resp: 134485

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 66.3  | 45.2  | 84.0  |
| 132 | 102.1 | 76.1  | 141.3 |
| 130 | 104.9 | 75.4  | 140.0 |

