

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW072122\  
 Data File : VW026870.D  
 Acq On : 21 Jul 2022 13:15  
 Operator : SY/MD  
 Sample : N3802-04  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GBHW9

Quant Time: Jul 22 05:55:42 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR071122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jul 22 05:53:14 2022  
 Response via : Initial Calibration

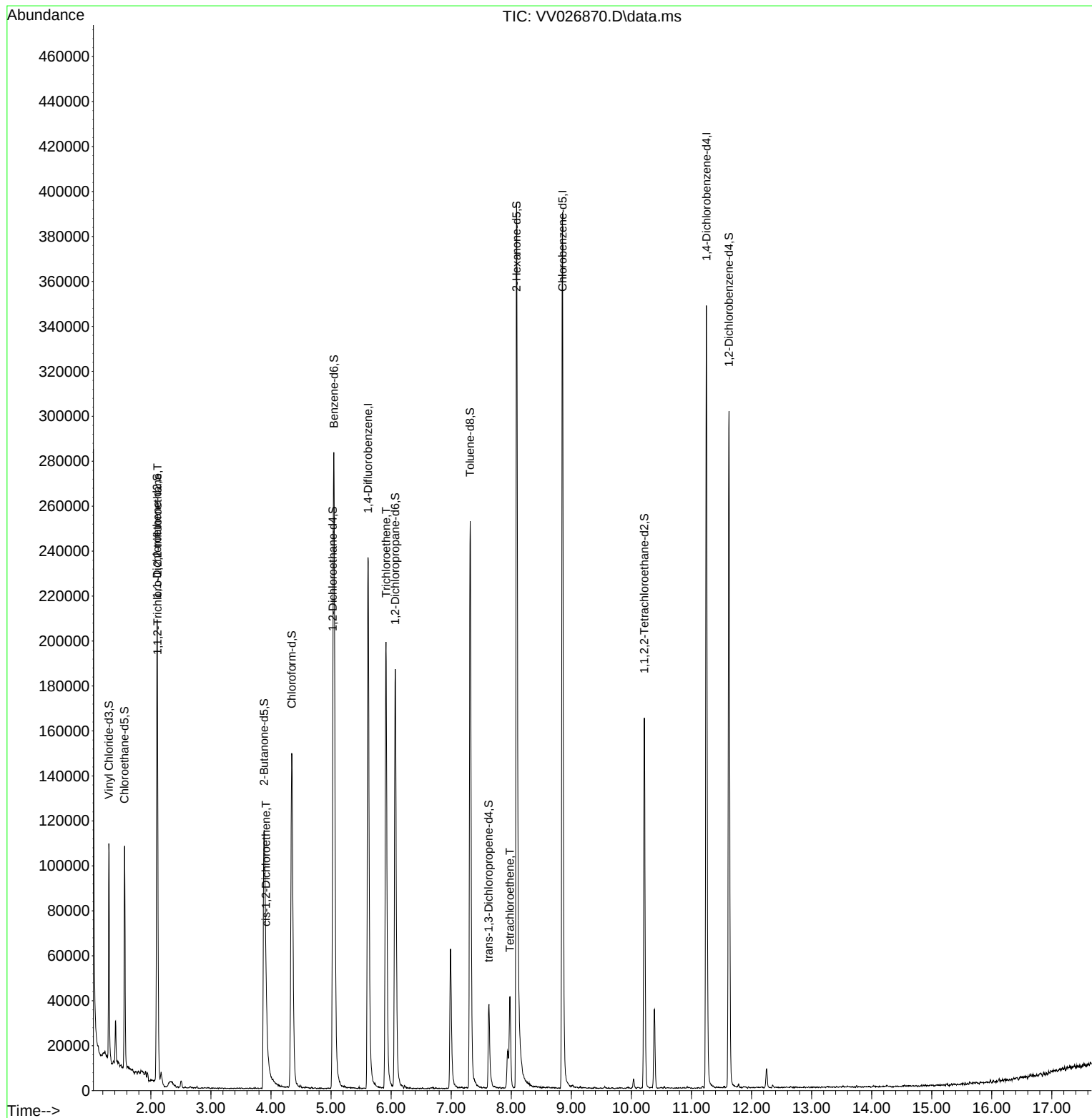
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114   | 214771   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 228316   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 94816    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65    | 63286    | 3.230    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 64.600%  |
| 7) Chloroethane-d5            | 1.561  | 69    | 64797    | 3.827    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 76.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63    | 87096    | 2.315    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 46.400%# |
| 20) 2-Butanone-d5             | 3.886  | 46    | 190035   | 62.144   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 124.280% |
| 24) Chloroform-d              | 4.346  | 84    | 161993   | 4.728    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65    | 76027    | 5.080    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 101.600% |
| 32) Benzene-d6                | 5.050  | 84    | 262824   | 3.788    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 75.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67    | 97547    | 4.689    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 93.800%  |
| 41) Toluene-d8                | 7.317  | 98    | 182841   | 2.969    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 59.400%# |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 25213    | 3.705    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 74.000%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 140616   | 47.722   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 95.440%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 81295    | 5.017    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 100.400% |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 81993    | 4.963    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 99.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111  | 101   | 20376    | 1.049    | ug/L   | 97       |
| 22) cis-1,2-Dichloroethene    | 3.918  | 96    | 2919     | 0.167    | ug/L   | 74       |
| 34) Trichloroethene           | 5.915  | 95    | 73792    | 3.933    | ug/L   | 99       |
| 47) Tetrachloroethene         | 7.979  | 164   | 9506     | 0.646    | ug/L   | 91       |
| -----                         |        |       |          |          |        |          |

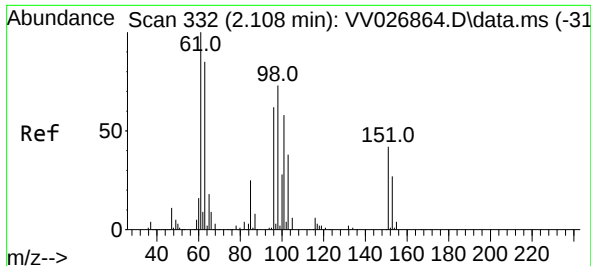
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Jul 22 05:53:14 2022  
Response via : Initial Calibration

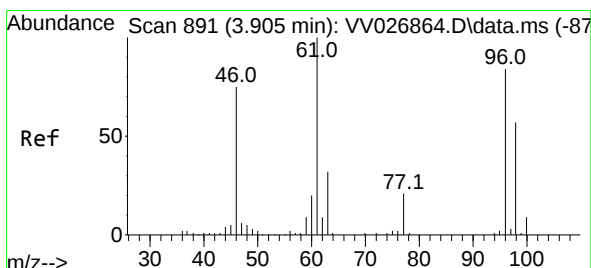
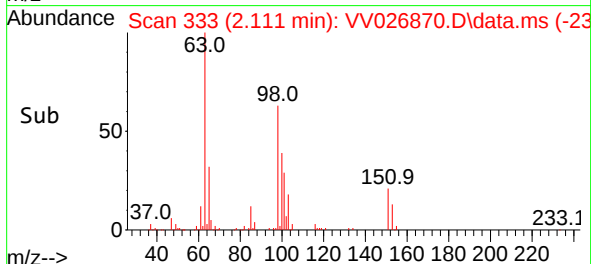
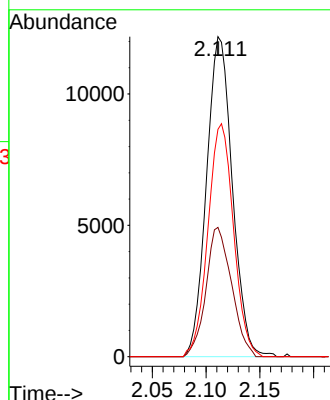
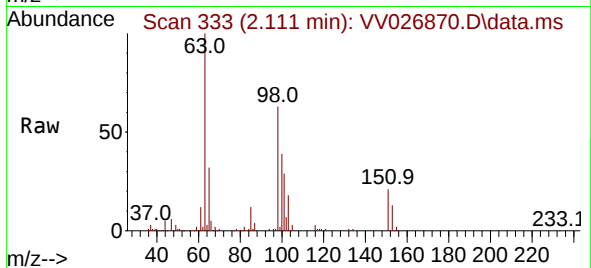




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 1.049 ug/L  
RT: 2.111 min Scan# 311  
Delta R.T. 0.003 min  
Lab File: VV026870.D  
Acq: 21 Jul 2022 13:15

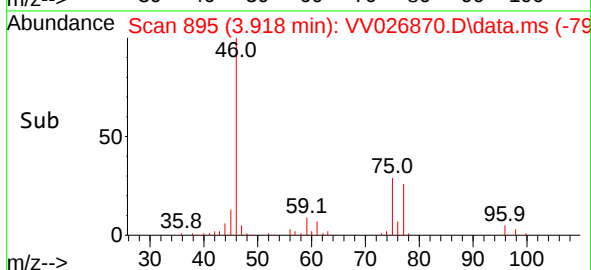
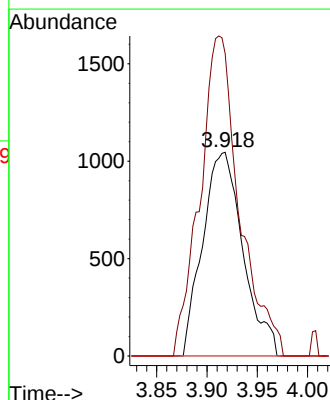
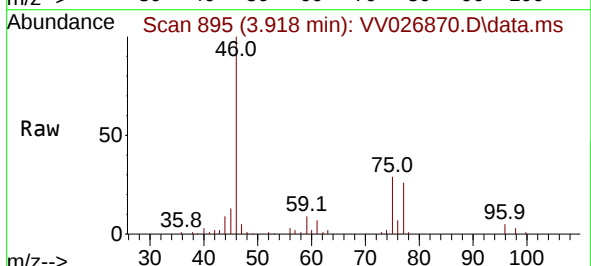
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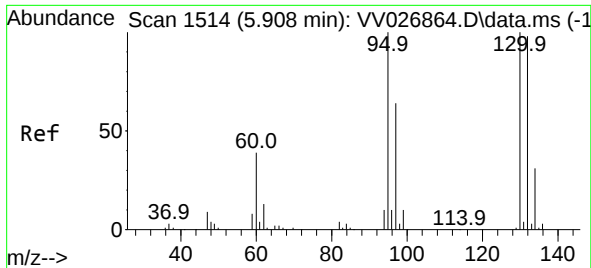
Tgt Ion:101 Resp: 20376  
Ion Ratio Lower Upper  
101 100  
85 40.0 35.0 52.4  
151 72.0 56.7 85.1



#22  
cis-1,2-Dichloroethene  
Concen: 0.167 ug/L  
RT: 3.918 min Scan# 895  
Delta R.T. 0.013 min  
Lab File: VV026870.D  
Acq: 21 Jul 2022 13:15

Tgt Ion: 96 Resp: 2919  
Ion Ratio Lower Upper  
96 100  
61 148.5 83.9 155.9  
68 0.0 0.0 0.0

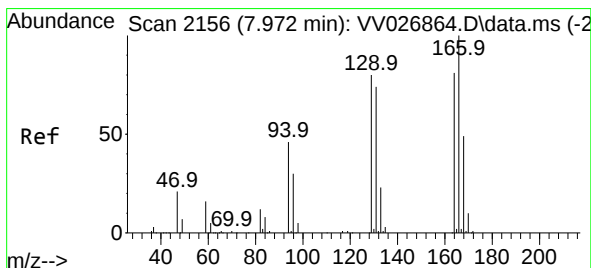
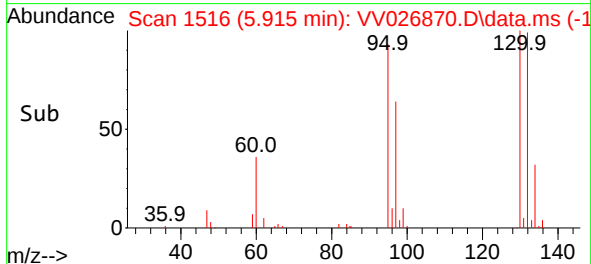
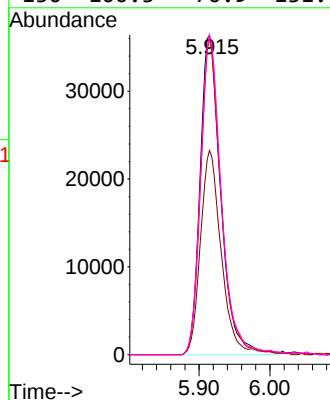
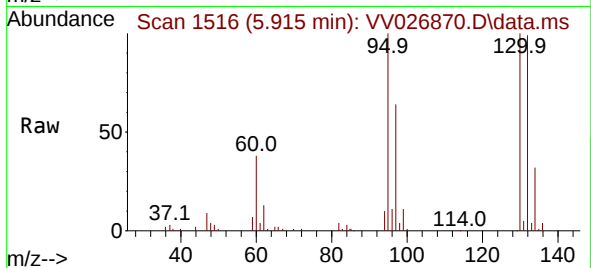




#34  
Trichloroethene  
Concen: 3.933 ug/L  
RT: 5.915 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VV026870.D  
Acq: 21 Jul 2022 13:15

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Tgt Ion: 95 Resp: 73792  
Ion Ratio Lower Upper  
95 100  
97 64.0 44.6 82.8  
132 99.2 70.2 130.4  
130 100.3 70.9 131.7



#47  
Tetrachloroethene  
Concen: 0.646 ug/L  
RT: 7.979 min Scan# 2158  
Delta R.T. 0.007 min  
Lab File: VV026870.D  
Acq: 21 Jul 2022 13:15

Tgt Ion:164 Resp: 9506  
Ion Ratio Lower Upper  
164 100  
129 88.4 67.8 125.8  
131 85.4 65.9 122.5  
166 115.4 88.8 164.8

