

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW111721\  
 Data File : VW023585.D  
 Acq On : 17 Nov 2021 21:23  
 Operator : SY/MD  
 Sample : M4627-11DL 10X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H4673DL

Quant Time: Nov 18 00:25:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 18 00:20:29 2021  
 Response via : Initial Calibration

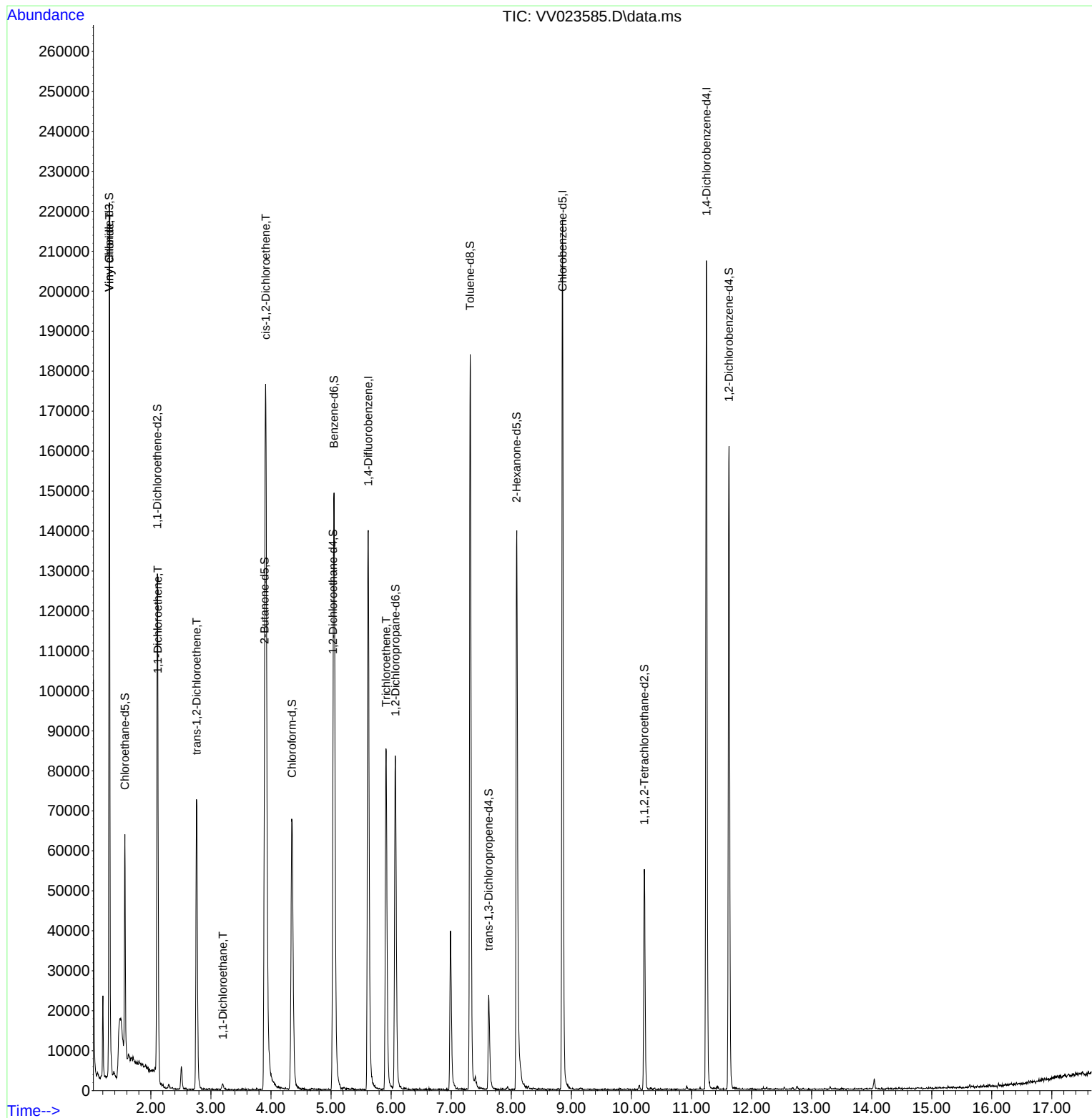
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 5.619     | 114            | 127985   | 5.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854     | 117            | 121573   | 5.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249    | 152            | 56641    | 5.000      | ug/L   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.307     | 65             | 44040    | 5.493      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 109.800% |        |          |
| 7) Chloroethane-d5            | 1.568     | 69             | 31840    | 4.873      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 97.400%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.108     | 63             | 58593    | 3.904      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 78.000%  |        |          |
| 20) 2-Butanone-d5             | 3.892     | 46             | 63656    | 46.084     | ug/L   | -0.02    |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 92.160%  |        |          |
| 24) Chloroform-d              | 4.352     | 84             | 71350    | 4.176      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 83.600%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.034     | 65             | 32904    | 4.282      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 85.600%  |        |          |
| 32) Benzene-d6                | 5.050     | 84             | 136537   | 4.377      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 87.600%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072     | 67             | 39757    | 4.330      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 86.600%  |        |          |
| 41) Toluene-d8                | 7.317     | 98             | 120847   | 4.134      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 82.600%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625     | 79             | 14135    | 4.060      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 81.200%  |        |          |
| 46) 2-Hexanone-d5             | 8.088     | 63             | 48059    | 37.515     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 75.040%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217    | 84             | 25164    | 3.811      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 76.200%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625    | 152            | 43210    | 4.582      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 91.600%  |        |          |
| Target Compounds              |           |                |          |            |        | Qvalue   |
| 5) Vinyl chloride             | 1.310     | 62             | 101503   | 9.578      | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 2.117     | 96             | 8490     | 1.112      | ug/L # | 1        |
| 18) trans-1,2-Dichloroethene  | 2.761     | 96             | 28194    | 3.005      | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 3.198     | 63             | 1939     | 0.122      | ug/L   | 89       |
| 22) cis-1,2-Dichloroethene    | 3.912     | 96             | 90440    | 10.016     | ug/L # | 91       |
| 34) Trichloroethene           | 5.918     | 95             | 30173    | 3.339      | ug/L   | 97       |
| -----                         |           |                |          |            |        |          |

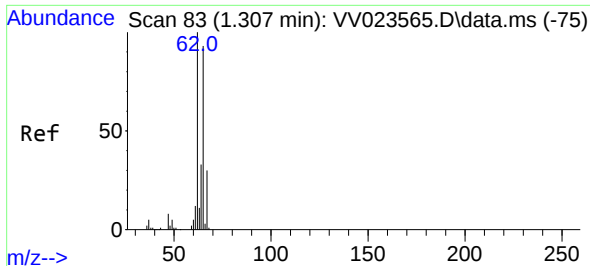
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Nov 18 00:20:29 2021  
Response via : Initial Calibration

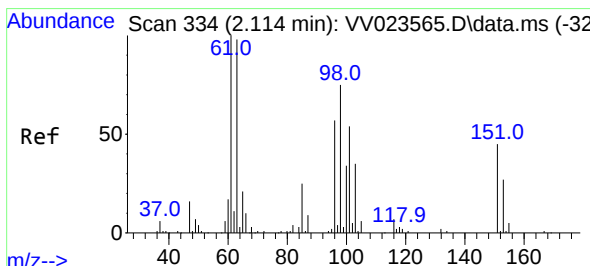
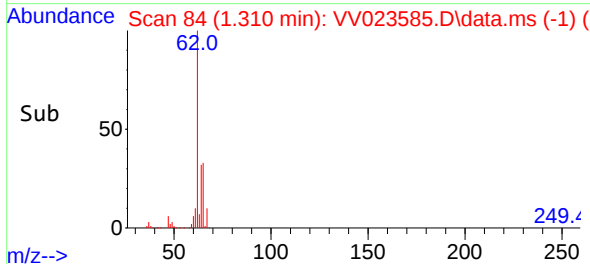
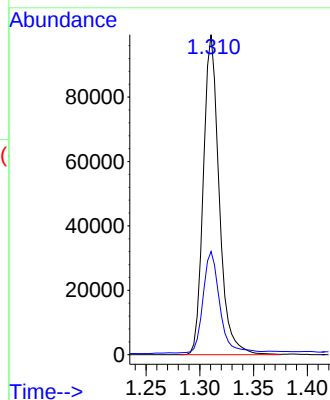
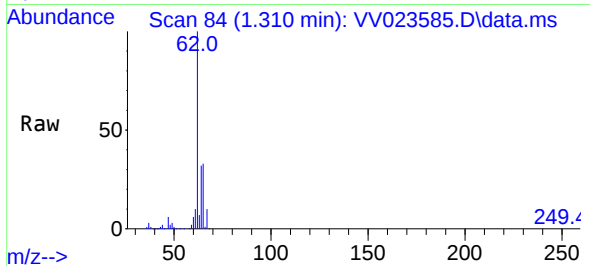




#5  
 Vinyl chloride  
 Concen: 9.578 ug/L  
 RT: 1.310 min Scan# 84  
 Delta R.T. 0.003 min  
 Lab File: VV023585.D  
 Acq: 17 Nov 2021 21:23

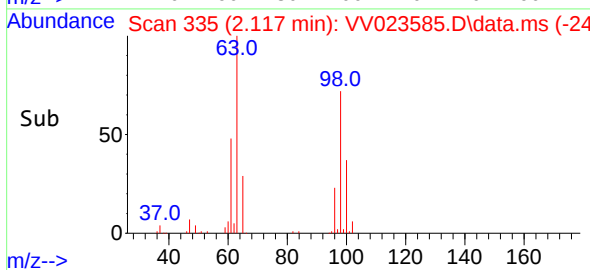
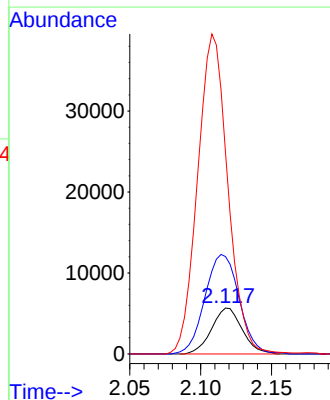
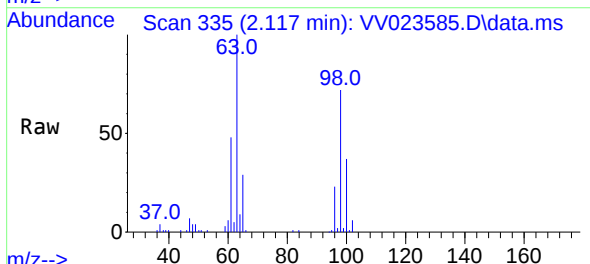
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H4673DL

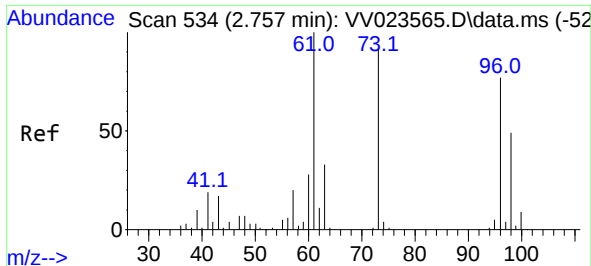
Tgt Ion: 62 Resp: 101503  
 Ion Ratio Lower Upper  
 62 100  
 64 32.3 23.1 42.9



#12  
 1,1-Dichloroethene  
 Concen: 1.112 ug/L  
 RT: 2.117 min Scan# 335  
 Delta R.T. 0.003 min  
 Lab File: VV023585.D  
 Acq: 17 Nov 2021 21:23

Tgt Ion: 96 Resp: 8490  
 Ion Ratio Lower Upper  
 96 100  
 61 212.1 121.5 225.7  
 63 438.8 99.6 185.0#

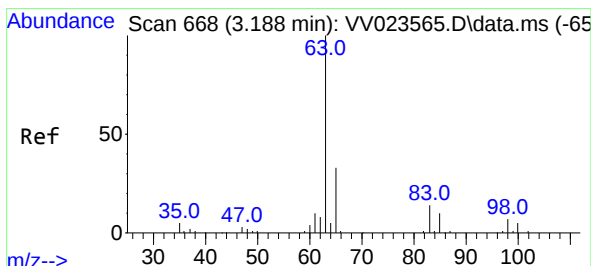
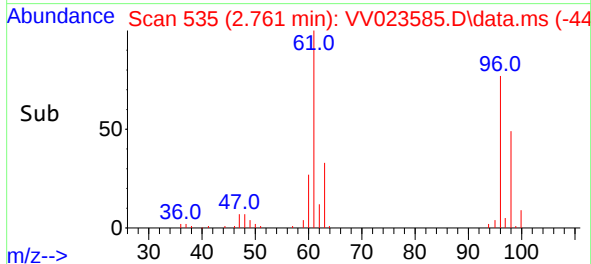
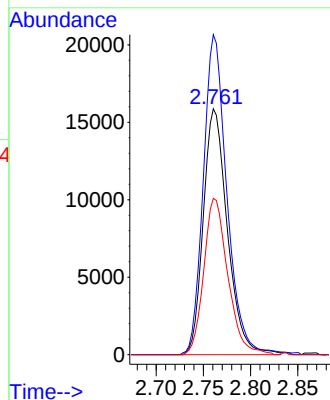
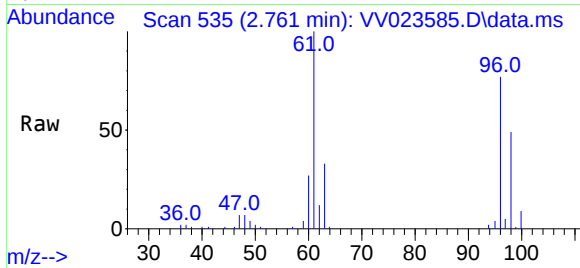




#18  
trans-1,2-Dichloroethene  
Concen: 3.005 ug/L  
RT: 2.761 min Scan# 51  
Delta R.T. 0.003 min  
Lab File: VV023585.D  
Acq: 17 Nov 2021 21:23

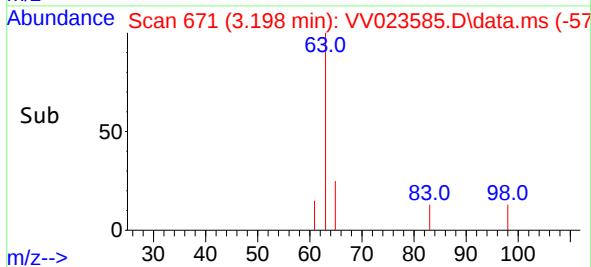
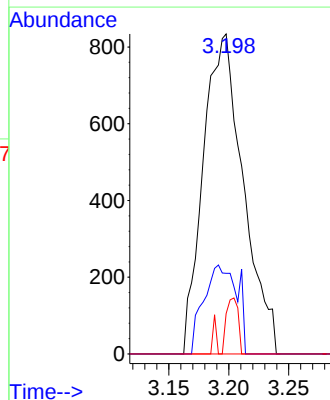
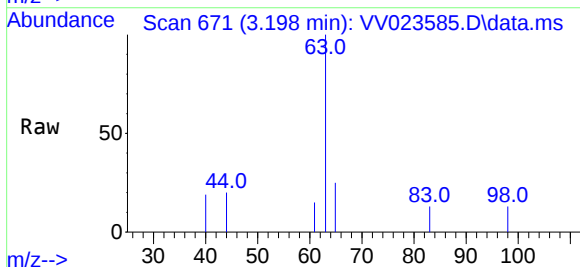
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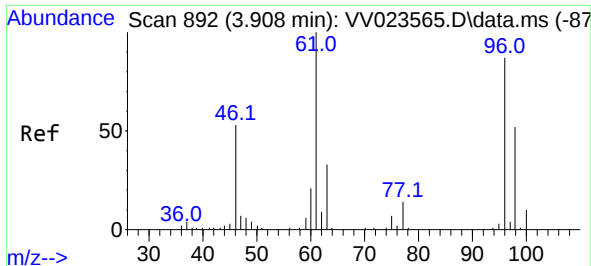
Tgt Ion: 96 Resp: 28194  
Ion Ratio Lower Upper  
96 100  
61 130.1 93.2 173.2  
98 63.6 47.0 87.2



#19  
1,1-Dichloroethane  
Concen: 0.122 ug/L  
RT: 3.198 min Scan# 671  
Delta R.T. 0.010 min  
Lab File: VV023585.D  
Acq: 17 Nov 2021 21:23

Tgt Ion: 63 Resp: 1939  
Ion Ratio Lower Upper  
63 100  
65 25.2 22.6 42.0  
83 12.6 11.1 20.7

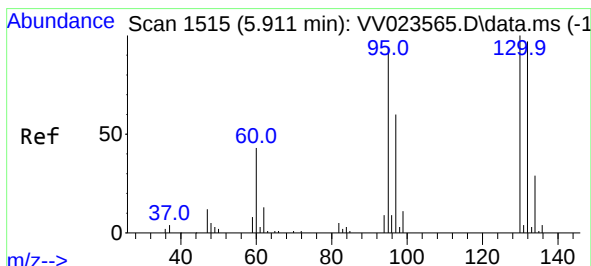
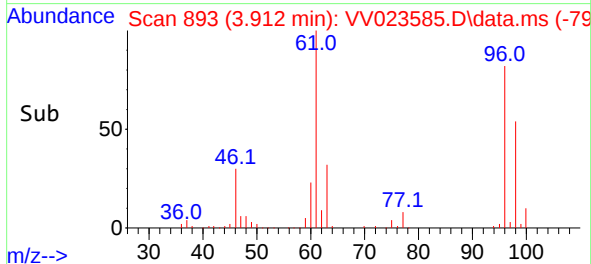
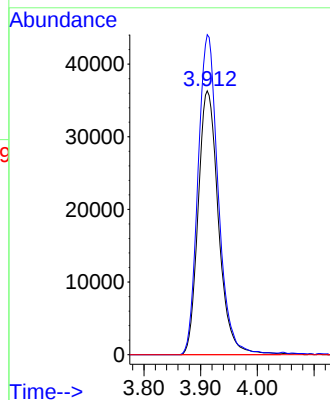
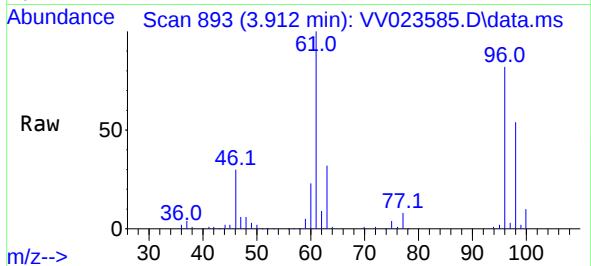




#22  
cis-1,2-Dichloroethene  
Concen: 10.016 ug/L  
RT: 3.912 min Scan# 892  
Delta R.T. 0.003 min  
Lab File: VV023585.D  
Acq: 17 Nov 2021 21:23

Instrument :  
MSVOA\_V  
ClientSampleId :  
H4673DL

Tgt Ion: 96 Resp: 90440  
Ion Ratio Lower Upper  
96 100  
61 121.3 92.3 171.3  
68 0.0 0.4 0.8#



#34  
Trichloroethene  
Concen: 3.339 ug/L  
RT: 5.918 min Scan# 1517  
Delta R.T. 0.006 min  
Lab File: VV023585.D  
Acq: 17 Nov 2021 21:23

Tgt Ion: 95 Resp: 30173  
Ion Ratio Lower Upper  
95 100  
97 60.3 45.0 83.6  
132 102.1 69.7 129.4  
130 104.1 73.7 136.9

