Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012825\
Data File : VV038559.D
Acq On : 28 Jan 2025 14:18
Operator : SY/MD
Sample : MDL05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**

Quant Time: Jan 29 09:27:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM012725.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 28 08:06:10 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.566 | 114 | 5382 | 0.500 | ug/L | 0.00 |
| 5) Chlorobenzene-d5 | 8.800 | 117 | 5381 | 0.500 | ug/L | 0.00 |
| 11) 1,4-Dichlorobenzene-d4 | 11.191 | 152 | 2536 | 0.500 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 2) Vinyl Chloride-d3 | 1.280 | 65 | 2524 | 0.465 | ug/L | 0.00 |
| Spiked Amount 0.500 | Range 40 - 130 | | Recovery = 94.000% | | | |
| 4) 1,2-Dichloroethane-d4 | 4.969 | 65 | 2230 | 0.515 | ug/L | 0.00 |
| Spiked Amount 0.500 | Range 70 - 130 | | Recovery = 102.000% | | | |
| 7) 1,2-Dichloropropane-d6 | 5.995 | 67 | 2554 | 0.483 | ug/L | 0.00 |
| Spiked Amount 0.500 | Range 60 - 140 | | Recovery = 96.000% | | | |
| 8) Toluene-d8 | 7.254 | 98 | 4819 | 0.455 | ug/L | 0.00 |
| Spiked Amount 0.500 | Range 70 - 130 | | Recovery = 90.000% | | | |
| 10) 1,1,2,2-Tetrachloroeth... | 10.146 | 84 | 2358 | 0.523 | ug/L | 0.00 |
| Spiked Amount 0.500 | Range 65 - 120 | | Recovery = 104.000% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Vinyl chloride | 1.280 | 62 | 259 | 0.037 | ug/L # | 50 |
| 6) Trichloroethene | 5.876 | 95 | 127 | 0.029 | ug/L # | 93 |
| 9) 1,2-Dibromoethane | 8.336 | 107 | 105 | 0.033 | ug/L # | 79 |
| 12) 1,2,3-Trichloropropane | 10.214 | 75 | 101 | 0.035 | ug/L # | 87 |
| 13) 1,2-Dibromo-3-chloropr... | 12.374 | 75 | 20 | 0.044 | ug/L | 94 |

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

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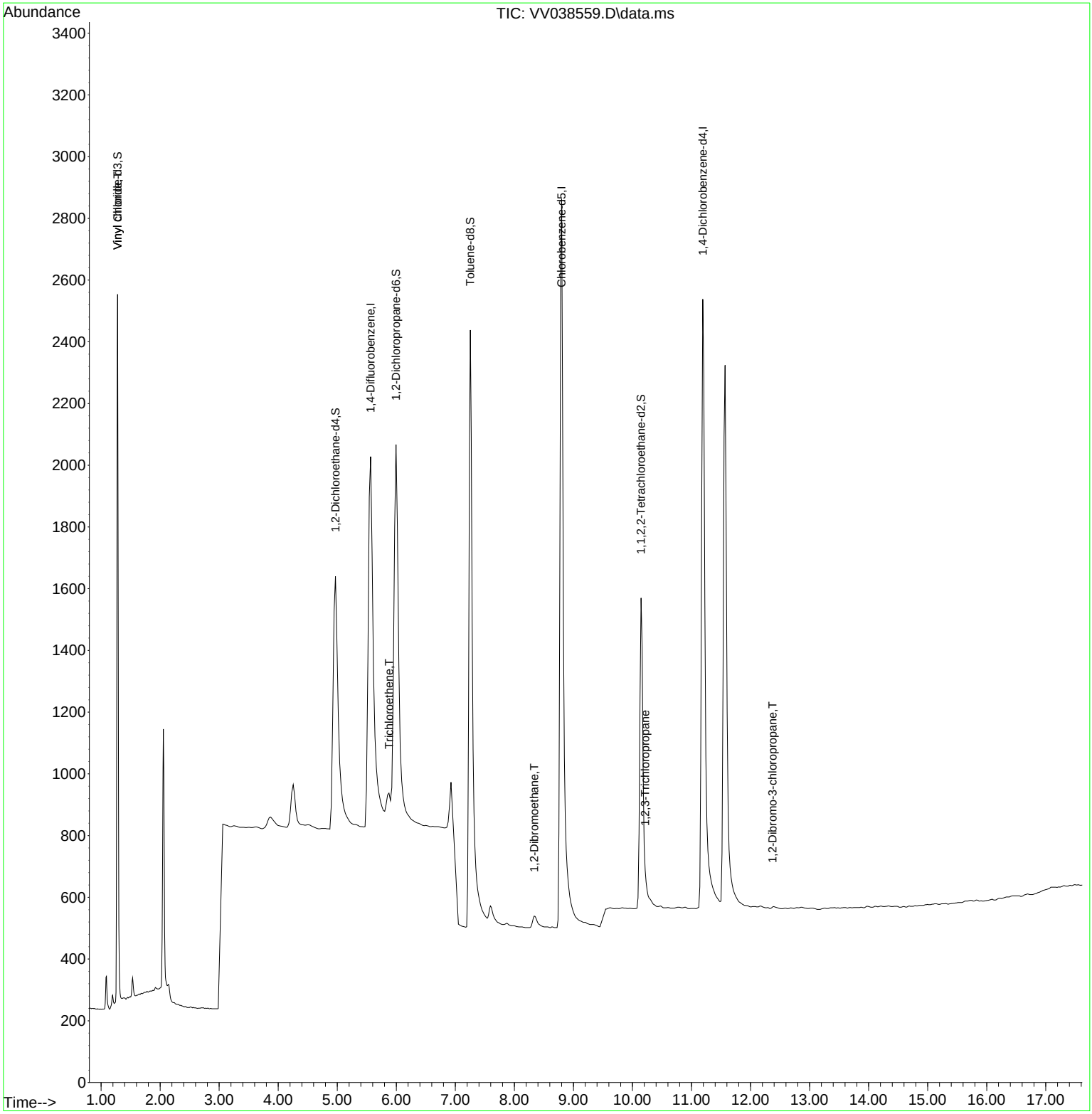
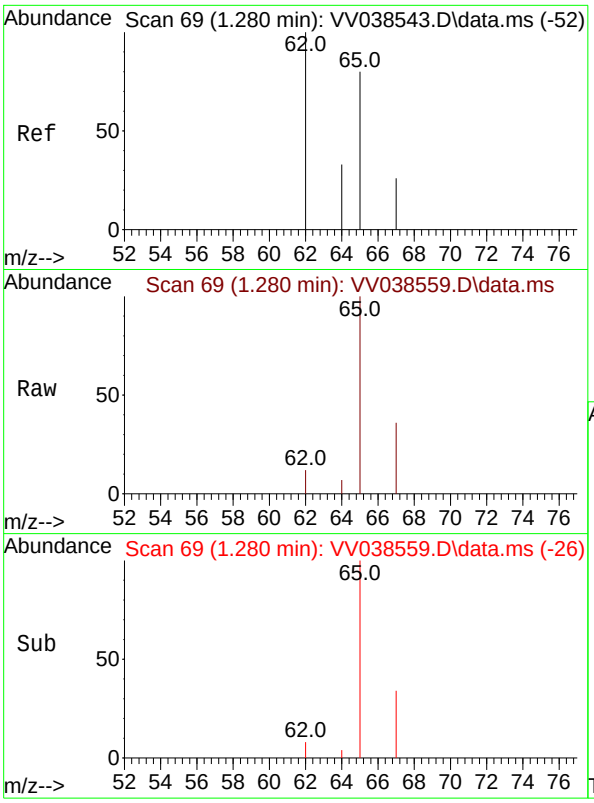


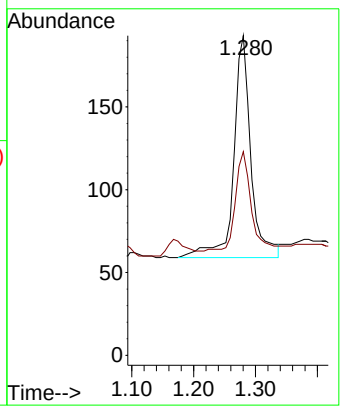


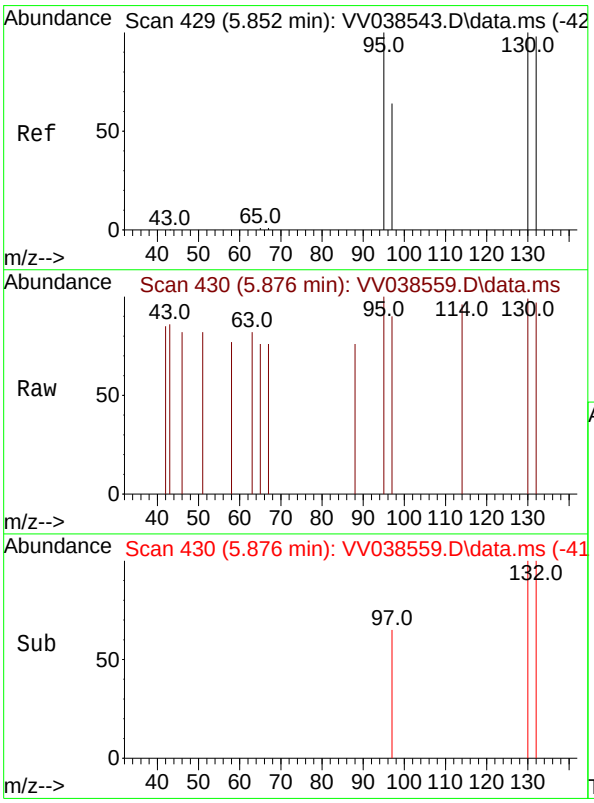

#3
Vinyl chloride
Concen: 0.037 ug/L
RT: 1.280 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV038559.D
Acq: 28 Jan 2025 14:18

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion: 62 Resp: 259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 63.7 | 24.4 | 45.2# |

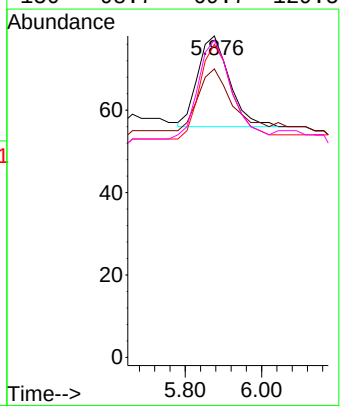


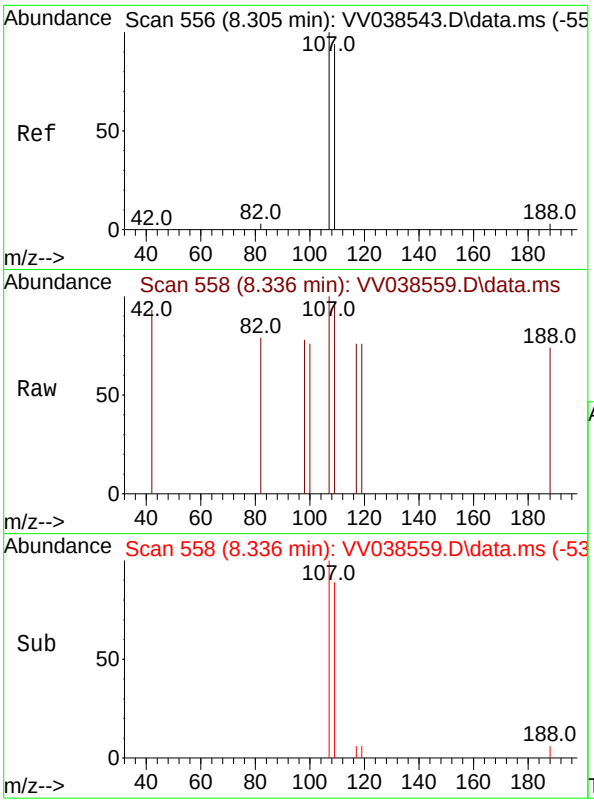




#6
Trichloroethene
Concen: 0.029 ug/L
RT: 5.876 min Scan# 430
Delta R.T. 0.024 min
Lab File: VV038559.D
Acq: 28 Jan 2025 14:18

Tgt Ion: 95 Resp: 127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 89.7 | 47.9 | 88.9# |
| 132 | 97.4 | 68.2 | 126.6 |
| 130 | 98.7 | 69.7 | 129.5 |



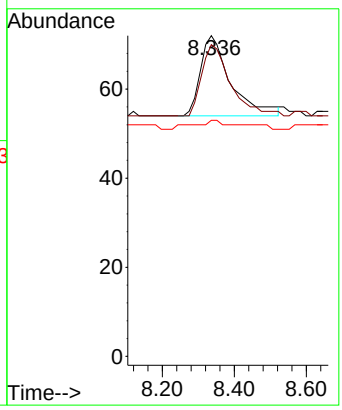


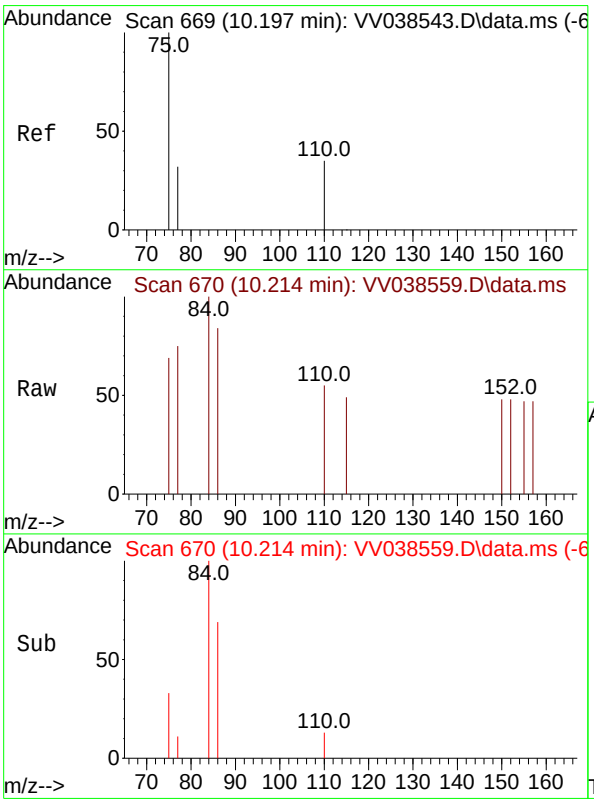

#9
1,2-Dibromoethane
Concen: 0.033 ug/L
RT: 8.336 min Scan# 5
Delta R.T. 0.031 min
Lab File: VV038559.D
Acq: 28 Jan 2025 14:18

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion:107 Resp: 105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 97.2 | 66.3 | 123.1 |
| 188 | 73.6 | 11.9 | 17.9# |

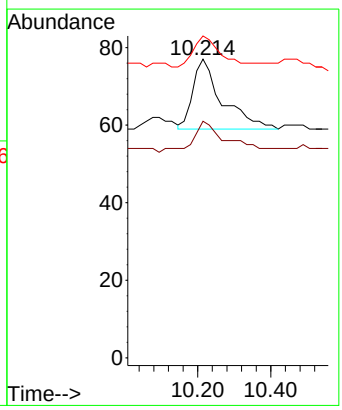


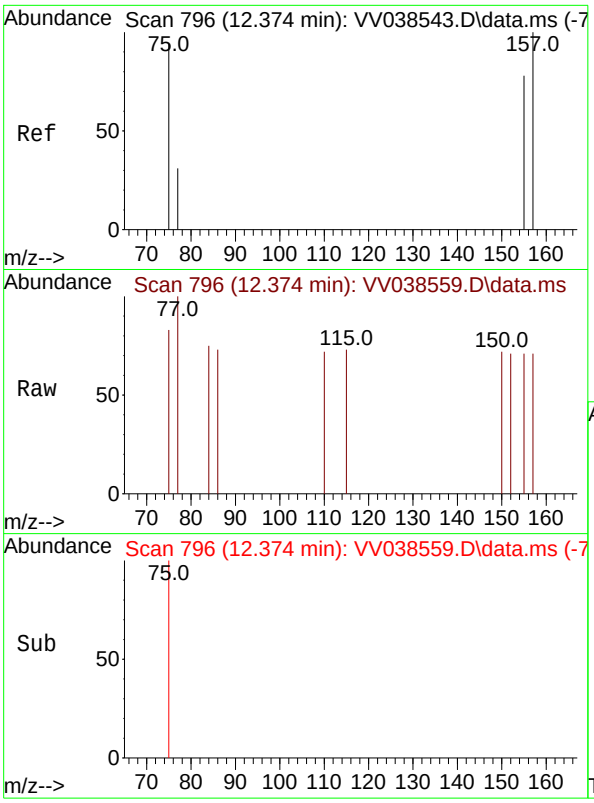




#12
1,2,3-Trichloropropane
Concen: 0.035 ug/L
RT: 10.214 min Scan# 670
Delta R.T. 0.017 min
Lab File: VV038559.D
Acq: 28 Jan 2025 14:18

Tgt Ion: 75 Resp: 101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 49.5 | 32.7 | 49.1# |
| 77 | 39.6 | 26.3 | 39.5# |






#13
1,2-Dibromo-3-chloropropane
Concen: 0.044 ug/L
RT: 12.374 min Scan# 7
Delta R.T. 0.000 min
Lab File: VV038559.D
Acq: 28 Jan 2025 14:18

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion: 75 Resp: 20

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 157 | 85.5 | 77.0 | 115.6 |
| 155 | 85.5 | 68.2 | 102.2 |