Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
Data File : VU062675.D
Acq On : 10 Jan 2025 11:21
Operator : MD/SY
Sample : Q1058-01
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BH8X0

Quant Time: Jan 10 22:43:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 10 22:42:03 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.238 | 114 | 116081 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.409 | 117 | 107677 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.804 | 152 | 52192 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.595 | 65 | 22420 | 3.487 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 69.800% | | | |
| 7) Chloroethane-d5 | 1.904 | 69 | 20199 | 3.906 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 78.200% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.560 | 65 | 12260 | 3.681 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 73.600% | | | |
| 20) 2-Butanone-d5 | 4.608 | 46 | 50253 | 38.245 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 76.500% | | | |
| 24) Chloroform-d | 5.052 | 84 | 62196 | 3.932 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 78.600% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.689 | 65 | 35112 | 4.093 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 81.800% | | | |
| 32) Benzene-d6 | 5.717 | 84 | 107269 | 4.075 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 81.600% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.679 | 67 | 31219 | 4.278 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 85.600% | | | |
| 41) Toluene-d8 | 7.888 | 98 | 101438 | 3.956 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 79.200% | | | |
| 43) trans-1,3-Dichloroprop... | 8.171 | 79 | 14639 | 4.024 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 80.400% | | | |
| 46) 2-Hexanone-d5 | 8.624 | 63 | 44218 | 38.648 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 77.300% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84 | 25033 | 4.096 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 82.000% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.183 | 152 | 39352 | 4.532 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 90.600% | | | |
| Target Compounds | | | | | | Qvalue |
| 5) Vinyl chloride | 1.602 | 62 | 6968 | 0.834 | ug/L | 96 |
| 12) 1,1-Dichloroethene | 2.570 | 96 | 3362 | 0.467 | ug/L # | 1 |
| 22) cis-1,2-Dichloroethene | 4.656 | 96 | 19349 | 2.301 | ug/L | 98 |
| 34) Trichloroethene | 6.531 | 95 | 217068 | 20.540 | ug/L | 98 |

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

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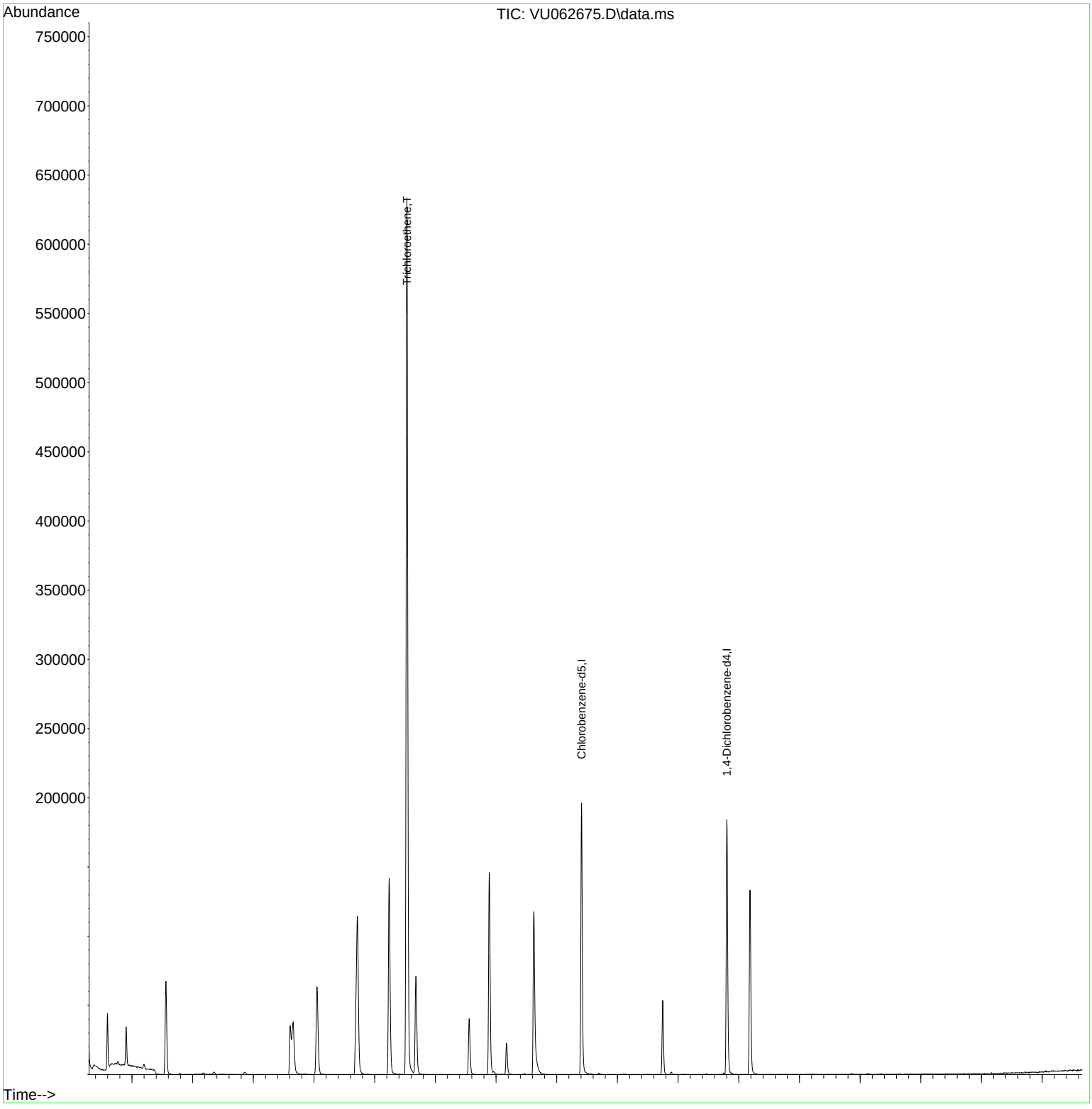
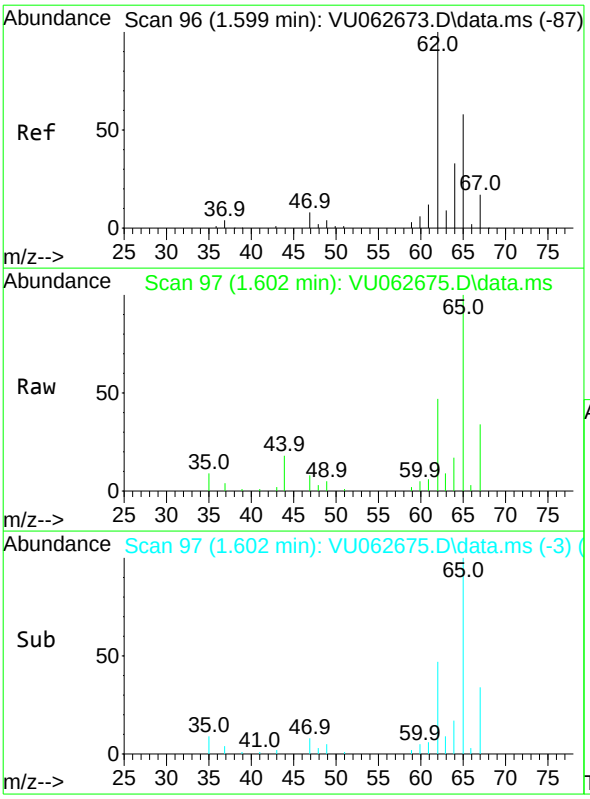


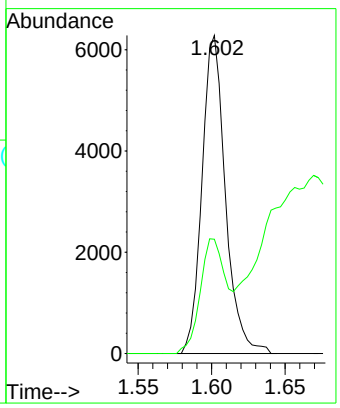


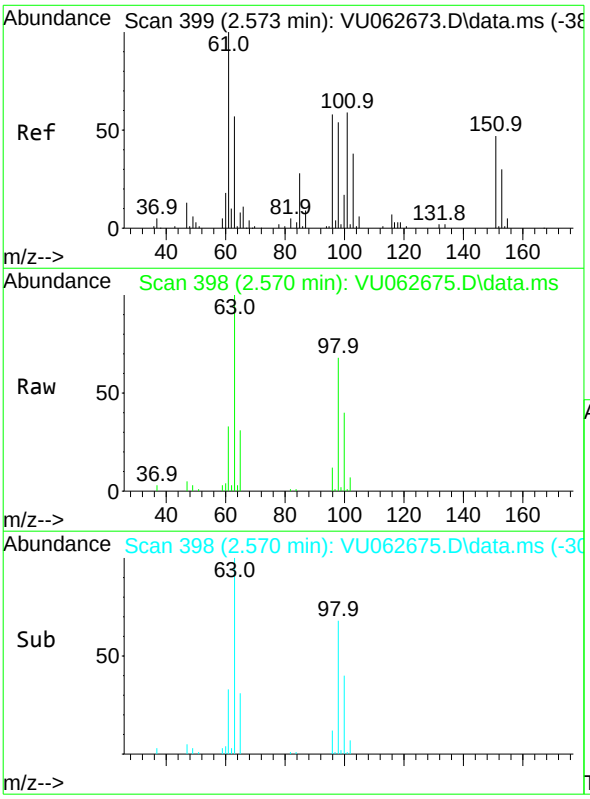

#5
Vinyl chloride
Concen: 0.834 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.003 min
Lab File: VU062675.D
Acq: 10 Jan 2025 11:21

**Instrument :**
MSVOA_U
**ClientSampleId :**
BH8X0

Tgt Ion: 62 Resp: 6968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 35.9 | 23.4 | 43.4 |

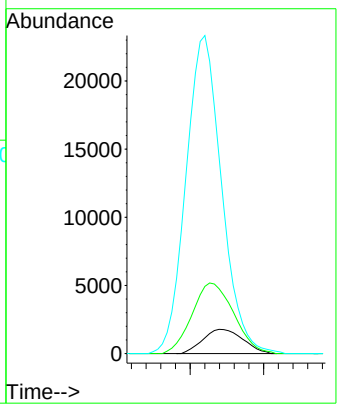


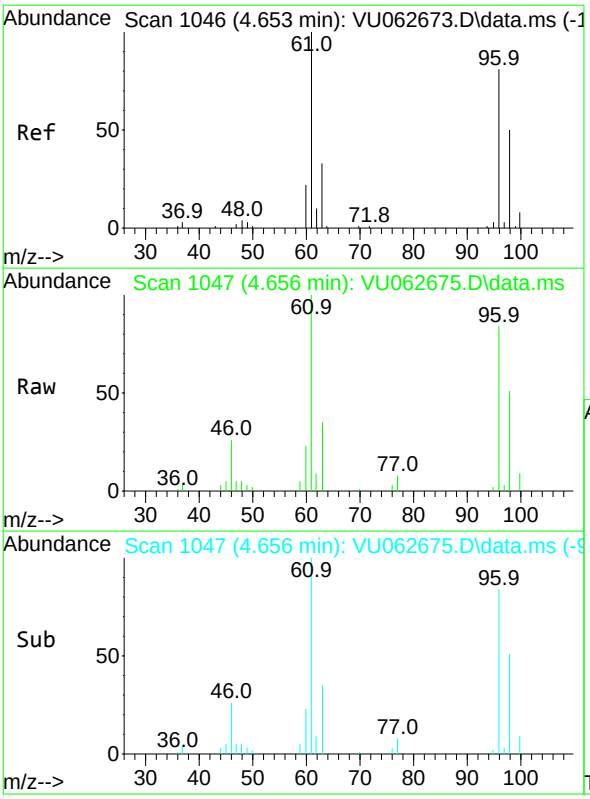




#12
1,1-Dichloroethene
Concen: 0.467 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU062675.D
Acq: 10 Jan 2025 11:21

Tgt Ion: 96 Resp: 3362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 267.6 | 120.4 | 223.6# |
| 63 | 810.5 | 82.3 | 152.9# |



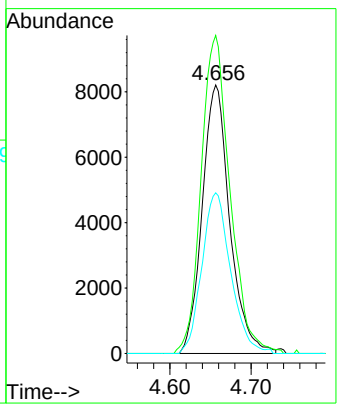


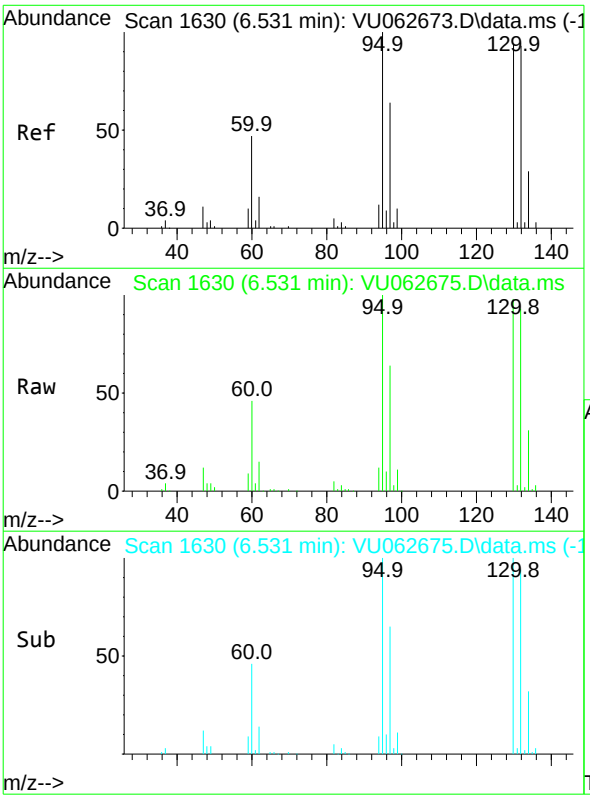

#22
cis-1,2-Dichloroethene
Concen: 2.301 ug/L
RT: 4.656 min Scan# 10
Delta R.T. 0.003 min
Lab File: VU062675.D
Acq: 10 Jan 2025 11:21

**Instrument :**
MSVOA_U
**ClientSampleId :**
BH8X0

Tgt Ion: 96 Resp: 19349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 118.4 | 84.8 | 157.6 |
| 98 | 59.8 | 43.1 | 80.1 |




#34
Trichloroethene
Concen: 20.540 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU062675.D
Acq: 10 Jan 2025 11:21

Tgt Ion: 95 Resp: 217068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 64.2 | 47.5 | 88.3 |
| 132 | 92.8 | 66.9 | 124.3 |
| 130 | 98.0 | 68.6 | 127.4 |