Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110122\
Data File : VV028807.D
Acq On : 01 Nov 2022 11:39
Operator : SY/MD
Sample : N5321-06DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBXB8DL

Quant Time: Nov 02 05:11:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 02 05:10:28 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.612 | 114 | 439626 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.847 | 117 | 398080 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.242 | 152 | 170212 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.304 | 65 | 125323 | 30.071 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = | 60.140% | | |
| 7) Chloroethane-d5 | 1.564 | 69 | 127402 | 35.761 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = | 71.520% | | |
| 11) 1,1-Dichloroethene-d2 | 2.105 | 63 | 202716 | 25.571 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 51.140%# | | |
| 21) 2-Butanone-d5 | 3.876 | 46 | 273551 | 90.170 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = | 90.170% | | |
| 24) Chloroform-d | 4.339 | 84 | 242707 | 38.613 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 77.220% | | |
| 26) 1,2-Dichloroethane-d4 | 5.027 | 65 | 173578 | 41.755 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 83.520% | | |
| 32) Benzene-d6 | 5.043 | 84 | 501370 | 40.345 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 80.680% | | |
| 36) 1,2-Dichloropropane-d6 | 6.066 | 67 | 176871 | 41.457 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = | 82.920% | | |
| 41) Toluene-d8 | 7.310 | 98 | 420920 | 38.529 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 77.060%# | | |
| 43) trans-1,3-Dichloroprop... | 7.619 | 79 | 61671 | 37.636 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 75.280% | | |
| 47) 2-Hexanone-d5 | 8.085 | 63 | 161130 | 83.572 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = | 83.570% | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207 | 84 | 228866 | 40.681 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = | 81.360% | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.615 | 152 | 141155 | 42.013 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 84.020% | | |
| Target Compounds | | | | | | Qvalue |
| 5) Vinyl chloride | 1.310 | 62 | 3708 | 0.750 | ug/L # | 12 |
| 17) trans-1,2-Dichloroethene | 2.757 | 96 | 52937 | 16.691 | ug/L | 98 |
| 20) cis-1,2-Dichloroethene | 3.905 | 96 | 211611 | 60.469 | ug/L # | 99 |
| 34) Trichloroethene | 5.912 | 95 | 78350 | 23.906 | ug/L | 98 |

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

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Quant Title : VOC Analysis
QLast Update : Wed Nov 02 05:10:28 2022
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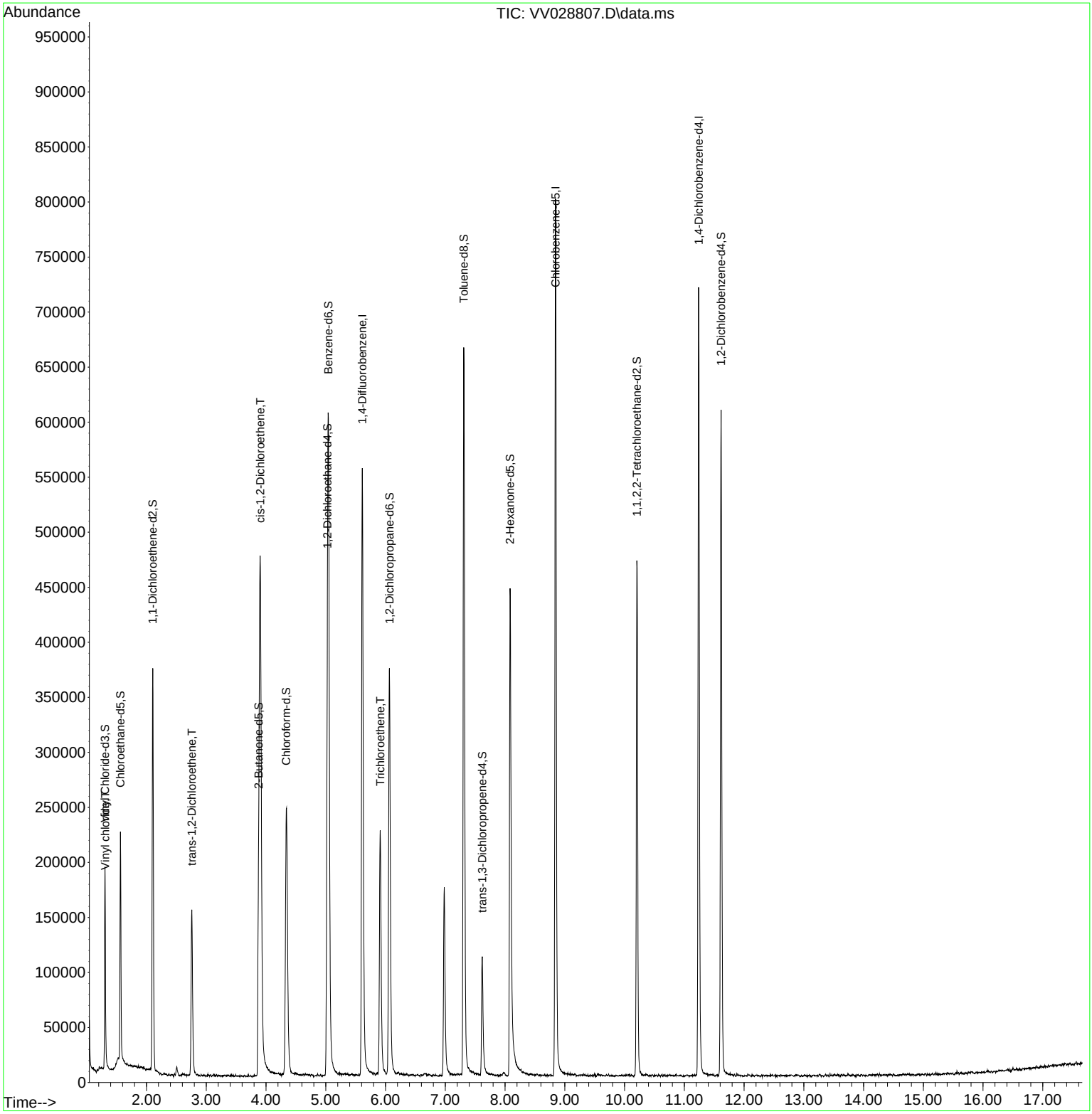
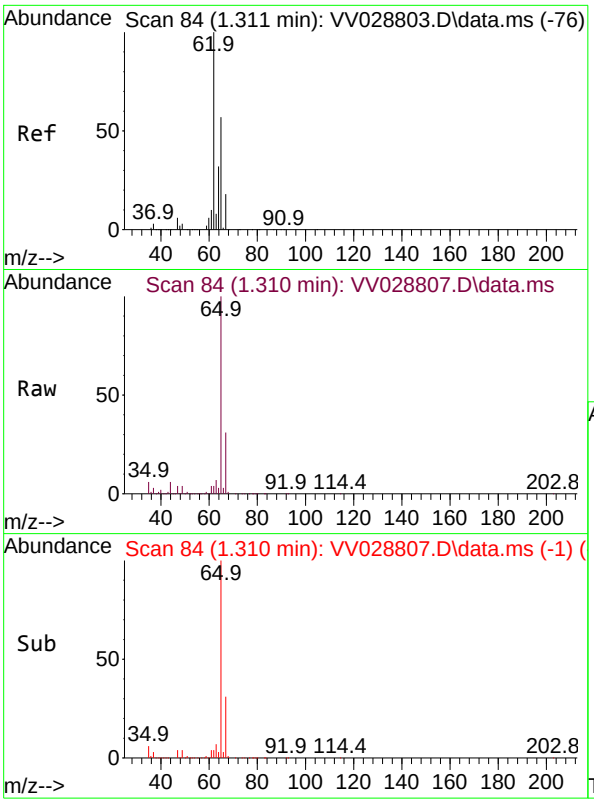


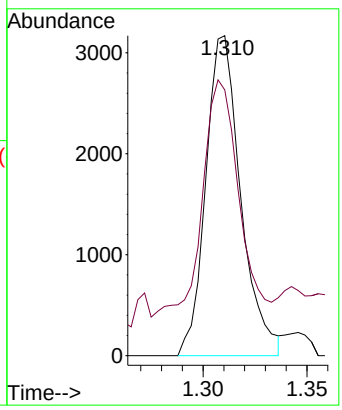


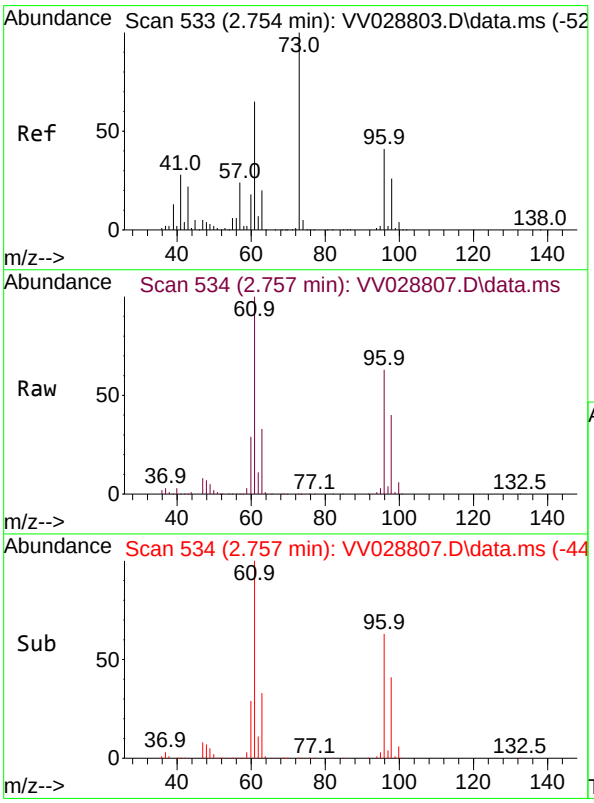

#5
Vinyl chloride
Concen: 0.750 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV028807.D
Acq: 01 Nov 2022 11:39

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBXB8DL

Tgt Ion: 62 Resp: 3708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 83.1 | 23.2 | 43.0# |

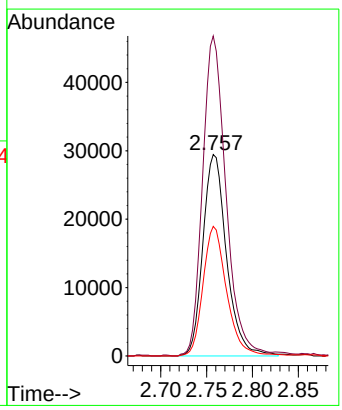


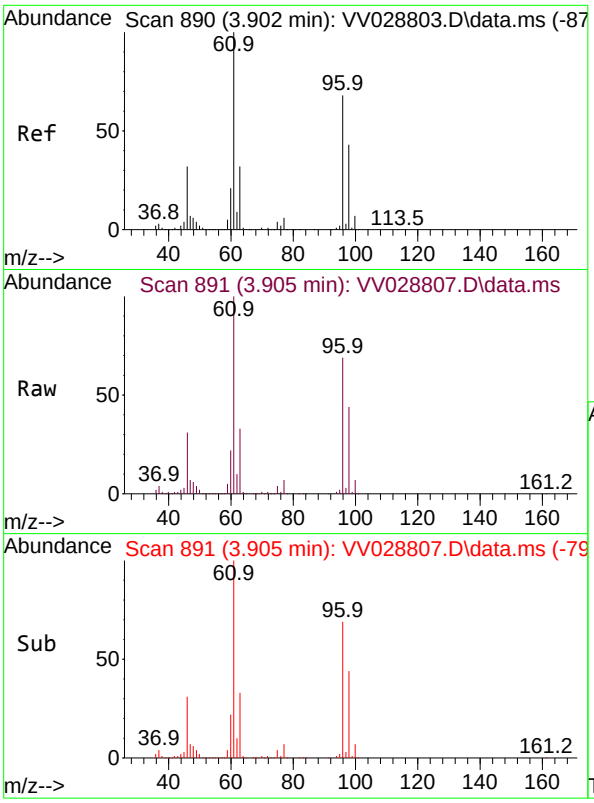




#17
trans-1,2-Dichloroethene
Concen: 16.691 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV028807.D
Acq: 01 Nov 2022 11:39

Tgt Ion: 96 Resp: 52937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 158.8 | 109.4 | 203.2 |
| 98 | 64.3 | 43.3 | 80.5 |



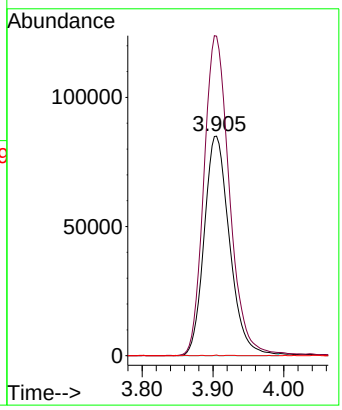


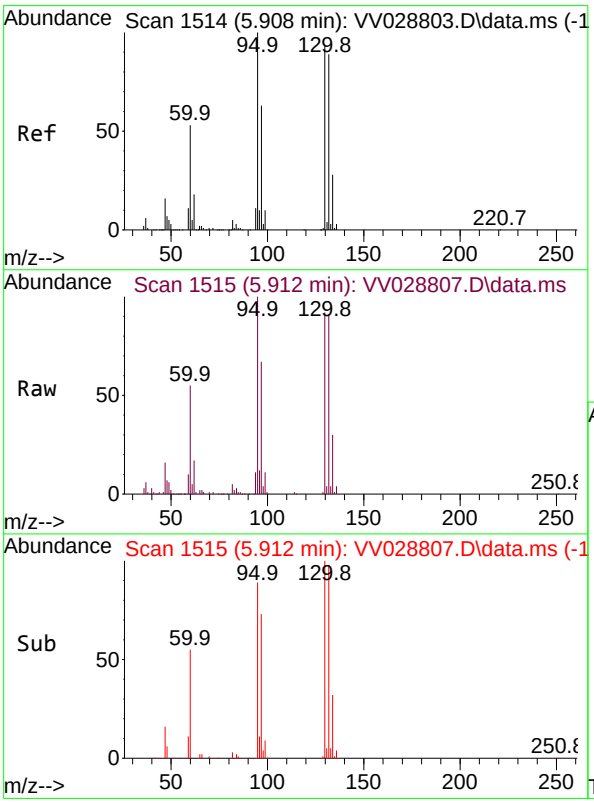

#20
cis-1,2-Dichloroethene
Concen: 60.469 ug/L
RT: 3.905 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV028807.D
Acq: 01 Nov 2022 11:39

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBXB8DL

Tgt Ion: 96 Resp: 211611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 145.5 | 102.3 | 190.1 |
| 68 | 0.3 | 0.1 | 0.3# |




#34
Trichloroethene
Concen: 23.906 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV028807.D
Acq: 01 Nov 2022 11:39

Tgt Ion: 95 Resp: 78350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 67.5 | 46.2 | 85.8 |
| 132 | 90.8 | 63.2 | 117.4 |
| 130 | 92.4 | 66.2 | 123.0 |