Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041723\
Data File : VV030602.D
Acq On : 17 Apr 2023 20:37
Operator : SY/MD
Sample : 02360-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AP2

Quant Time: Apr 18 02:52:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 18 02:45:56 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.542 | 114 | 241088 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.792 | 117 | 230486 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.194 | 152 | 108052 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.282 | 65 | 76157 | 43.091 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 86.180% | | | |
| 7) Chloroethane-d5 | 1.536 | 69 | 66699 | 45.035 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 90.080% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.063 | 65 | 34832 | 41.559 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 83.120% | | | |
| 21) 2-Butanone-d5 | 3.802 | 46 | 85466 | 88.042 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 88.040% | | | |
| 24) Chloroform-d | 4.259 | 84 | 140681 | 43.923 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 87.840% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.950 | 65 | 95183 | 46.224 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 92.440% | | | |
| 32) Benzene-d6 | 4.969 | 84 | 258986 | 47.526 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 95.060% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.998 | 67 | 83843 | 49.532 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 99.060% | | | |
| 41) Toluene-d8 | 7.252 | 98 | 223236 | 43.631 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 87.260% | | | |
| 43) trans-1,3-Dichloroprop... | 7.561 | 79 | 37628 | 44.104 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 88.200% | | | |
| 47) 2-Hexanone-d5 | 8.034 | 63 | 55720 | 83.560 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 83.560% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159 | 84 | 107845 | 43.907 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 87.820% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.570 | 152 | 84494 | 49.197 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 98.400% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.220 | 50 | 11225 | 4.128 | ug/L | 90 |
| 6) Bromomethane | 1.497 | 94 | 2690 | 3.095 | ug/L | 99 |
| 34) Trichloroethene | 5.841 | 95 | 207155 | 113.787 | ug/L | 99 |
| 44) trans-1,3-Dichloropropene | 7.564 | 75 | 2400 | 0.864 | ug/L # | 69 |

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

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C0AP2

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Quant Title : VOC Analysis
QLast Update : Tue Apr 18 02:45:56 2023
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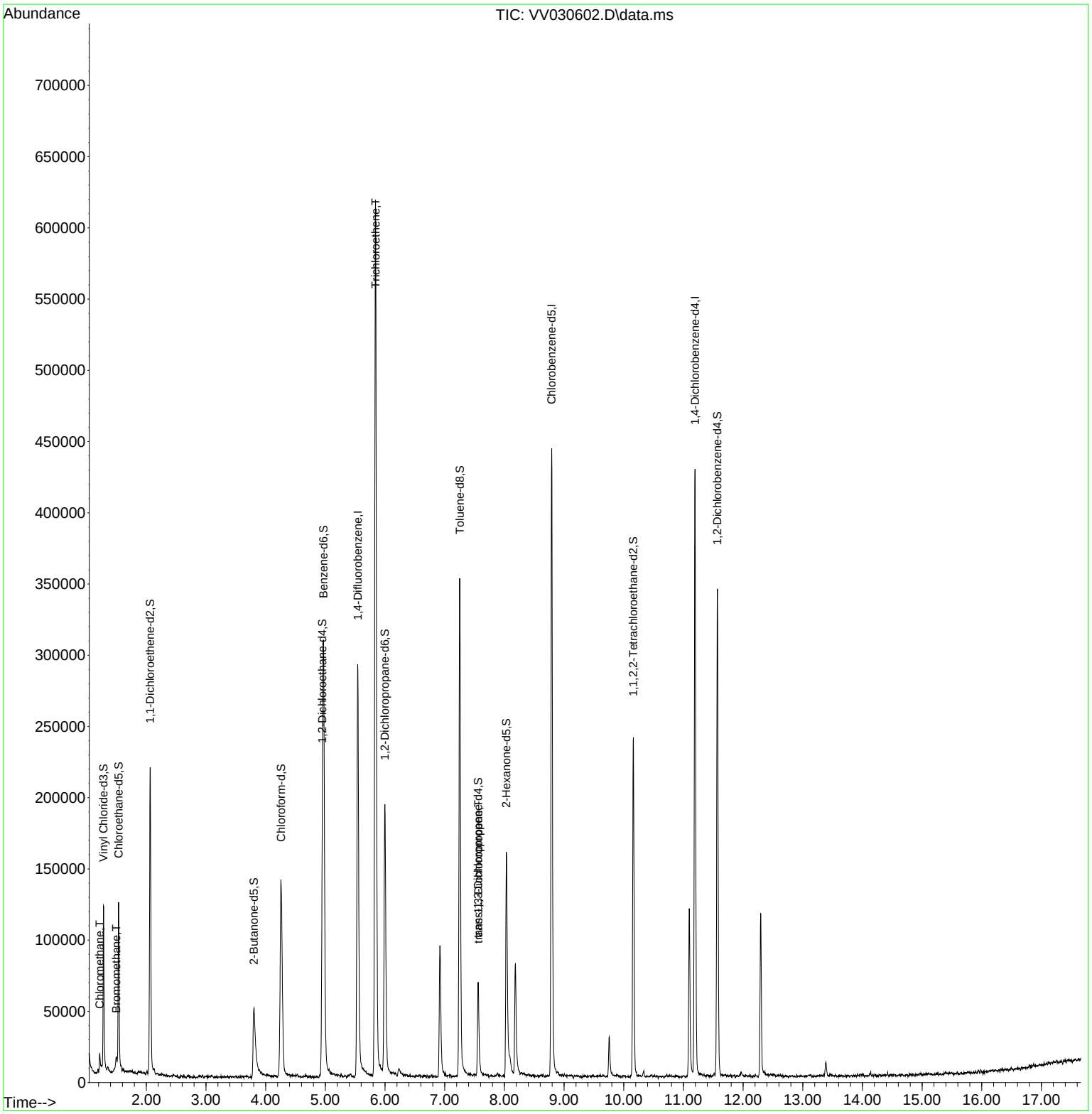
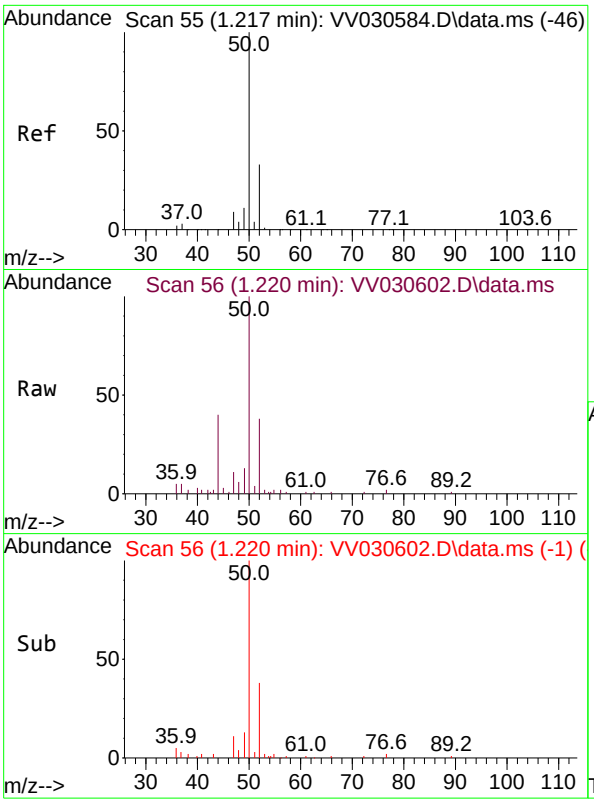


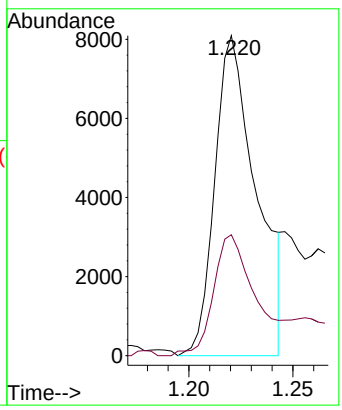


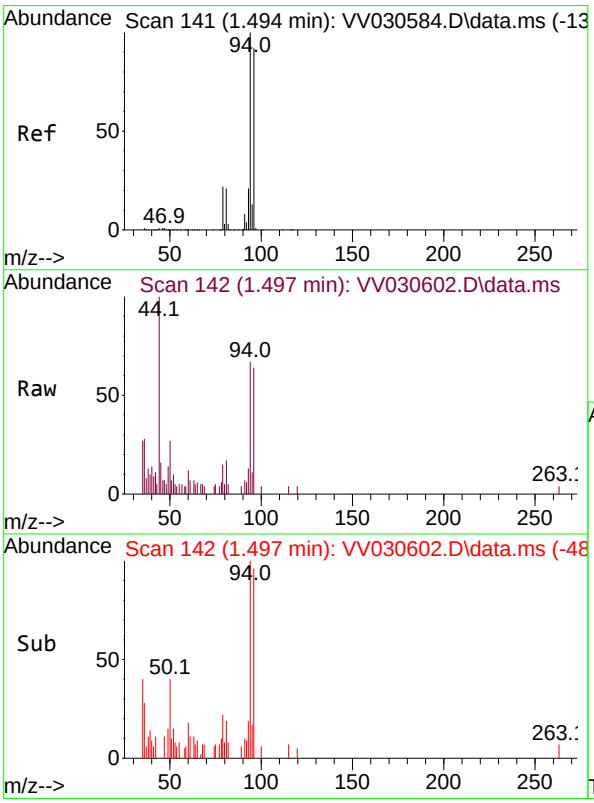

#3
Chloromethane
Concen: 4.128 ug/L
RT: 1.220 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV030602.D
Acq: 17 Apr 2023 20:37

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AP2

Tgt Ion: 50 Resp: 11225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 37.8 | 22.5 | 41.9 |

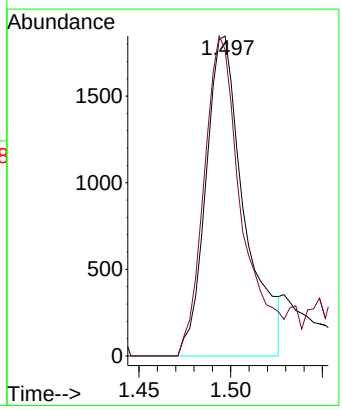


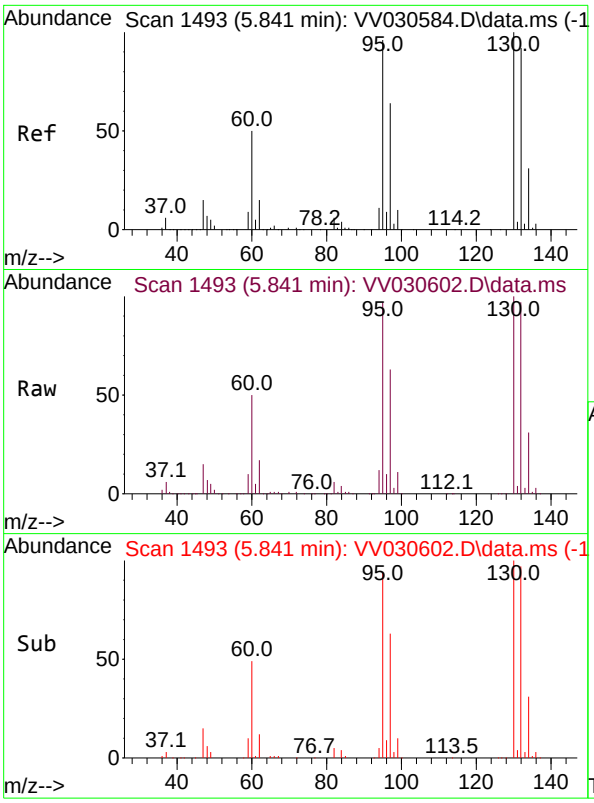




#6
Bromomethane
Concen: 3.095 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.003 min
Lab File: VV030602.D
Acq: 17 Apr 2023 20:37

Tgt Ion: 94 Resp: 2690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 95.8 | 66.3 | 123.1 |



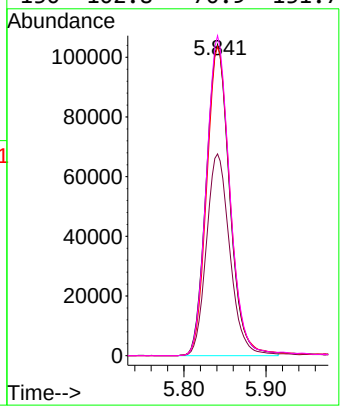


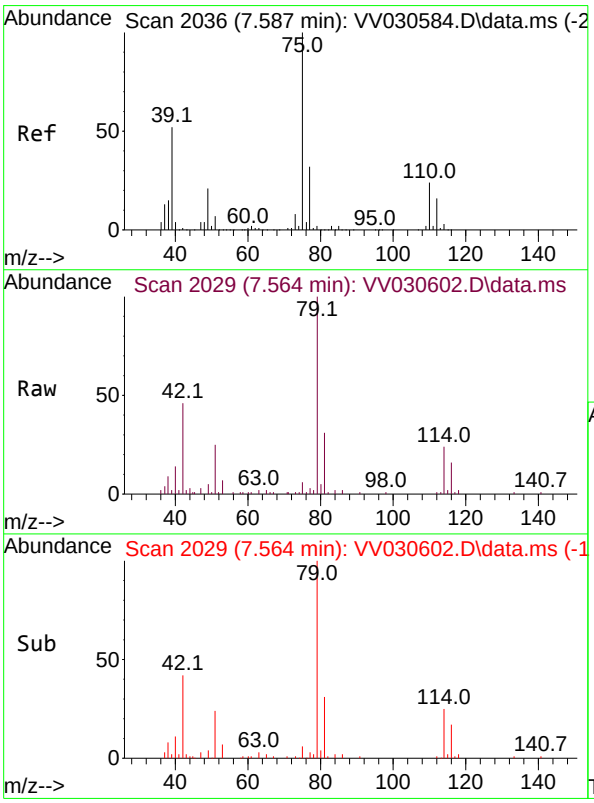

#34
Trichloroethene
Concen: 113.787 ug/L
RT: 5.841 min Scan# 14
Delta R.T. -0.000 min
Lab File: VV030602.D
Acq: 17 Apr 2023 20:37

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AP2

Tgt Ion: 95 Resp: 207155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 64.8 | 45.8 | 85.2 |
| 132 | 99.3 | 70.6 | 131.2 |
| 130 | 102.8 | 70.9 | 131.7 |




#44
trans-1,3-Dichloropropene
Concen: 0.864 ug/L
RT: 7.564 min Scan# 2029
Delta R.T. -0.023 min
Lab File: VV030602.D
Acq: 17 Apr 2023 20:37

Tgt Ion: 75 Resp: 2400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 48.8 | 22.1 | 41.1# |