Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050823\
Data File : VU054101.D
Acq On : 08 May 2023 23:52
Operator : JC/MD
Sample : 02663-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: May 09 06:13:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 06 01:14:00 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 6.243 | 114 | 226071 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.410 | 117 | 217033 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.806 | 152 | 109794 | 50.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.597 | 65 | 59533 | 34.819 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 69.640% | | | |
| 7) Chloroethane-d5 | 1.909 | 69 | 53329 | 47.516 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 95.040% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.565 | 63 | 90124 | 29.719 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 59.440%# | | | |
| 21) 2-Butanone-d5 | 4.616 | 46 | 99599 | 102.136 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 102.140% | | | |
| 24) Chloroform-d | 5.057 | 84 | 140776 | 44.830 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 89.660% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.697 | 65 | 95197 | 47.215 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 94.440% | | | |
| 32) Benzene-d6 | 5.719 | 84 | 270746 | 42.381 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 84.760% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.684 | 67 | 89333 | 44.295 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 88.600% | | | |
| 41) Toluene-d8 | 7.893 | 98 | 239822 | 41.581 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 83.160% | | | |
| 43) trans-1,3-Dichloroprop... | 8.172 | 79 | 42162 | 42.245 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 84.480% | | | |
| 47) 2-Hexanone-d5 | 8.626 | 63 | 62486 | 86.504 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 86.500% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84 | 126229 | 47.517 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 95.040% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.188 | 152 | 104021 | 48.498 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 97.000% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.565 | 96 | 815 | 0.621 | ug/L # | 1 |
| 13) Acetone | 2.626 | 43 | 5175 | 5.407 | ug/L | 94 |
| 37) 1,2-Dichloropropane | 6.687 | 63 | 9977 | 5.582 | ug/L # | 87 |
| 60) 1,2,3-Trichloropropane | 11.806 | 75 | 12622 | 6.189 | ug/L # | 65 |

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

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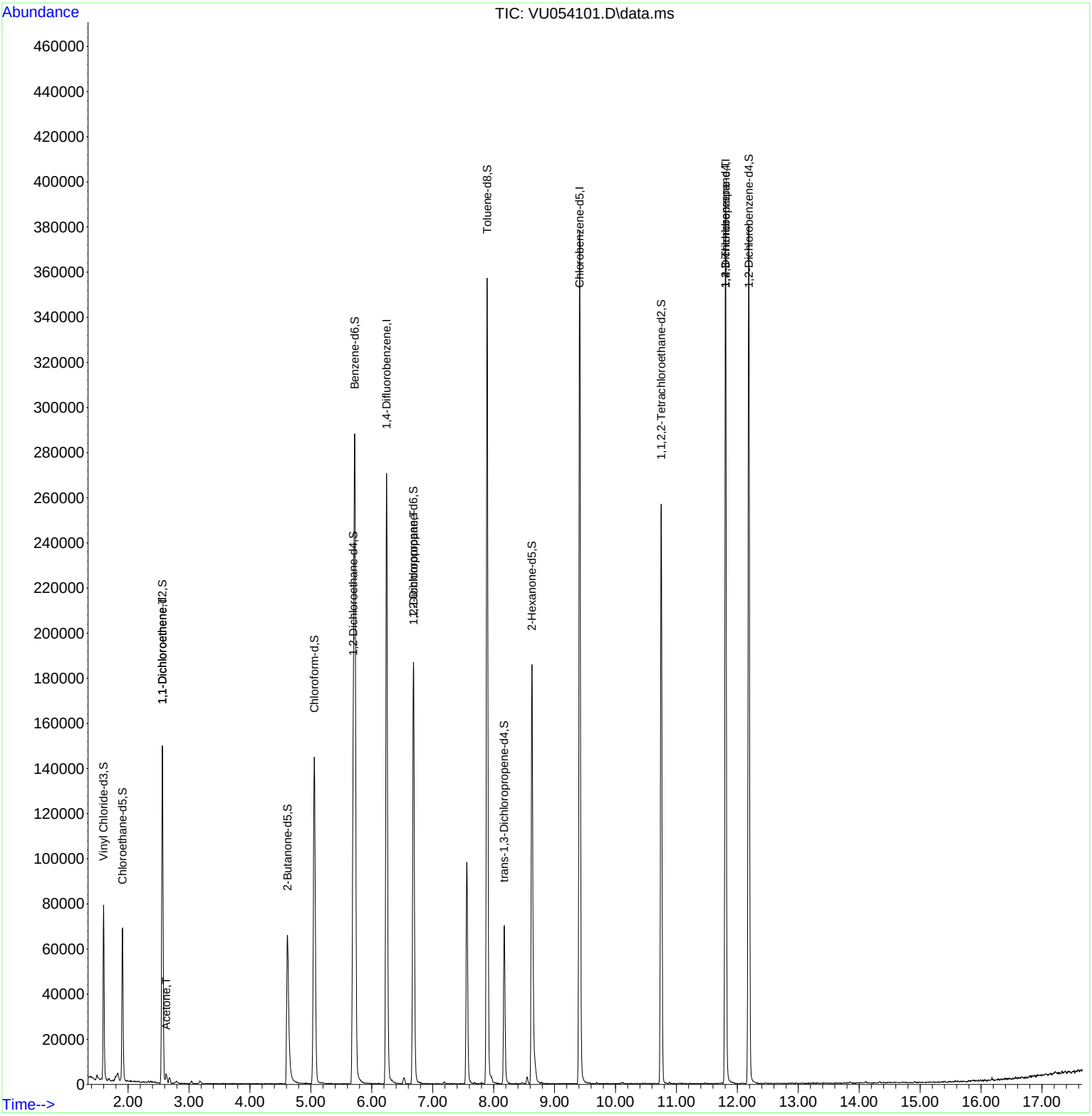
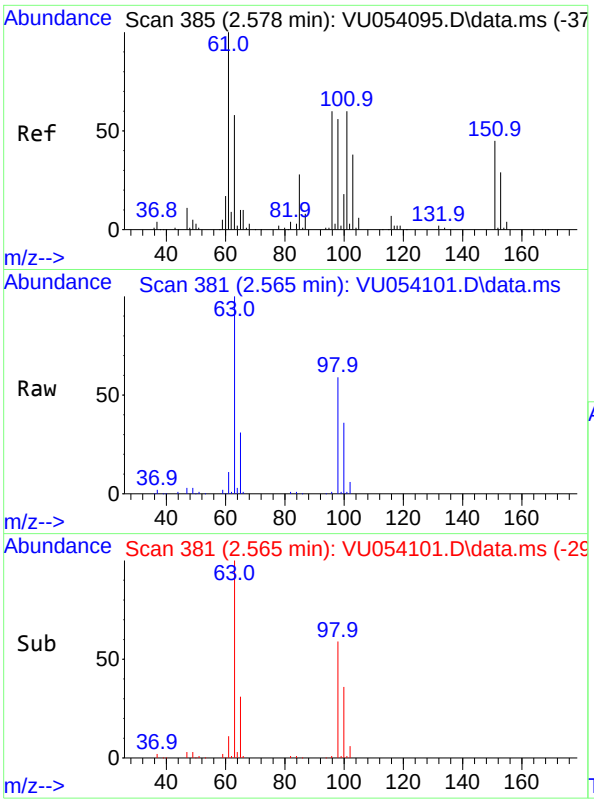
QLast Update : Sat May 06 01:14:00 2023
Response via : Initial Calibration



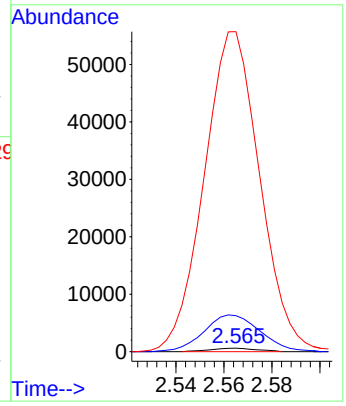


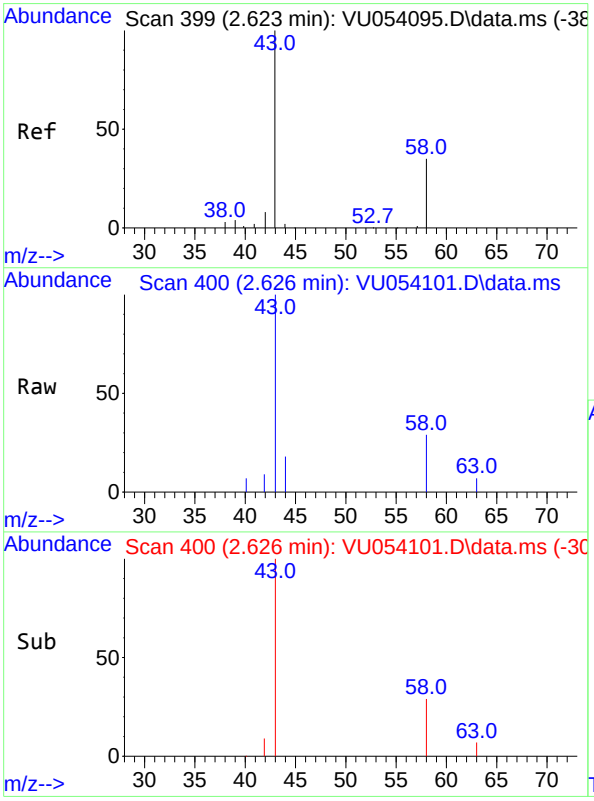

#12
1,1-Dichloroethene
Concen: 0.621 ug/L
RT: 2.565 min Scan# 3
Delta R.T. -0.013 min
Lab File: VU054101.D
Acq: 08 May 2023 23:52

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

Tgt Ion: 96 Resp: 815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1032.7 | 118.3 | 219.7# |
| 63 | 9192.1 | 92.3 | 171.5# |

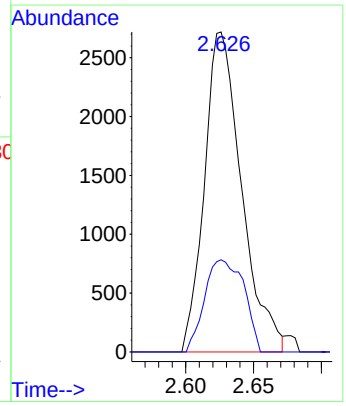


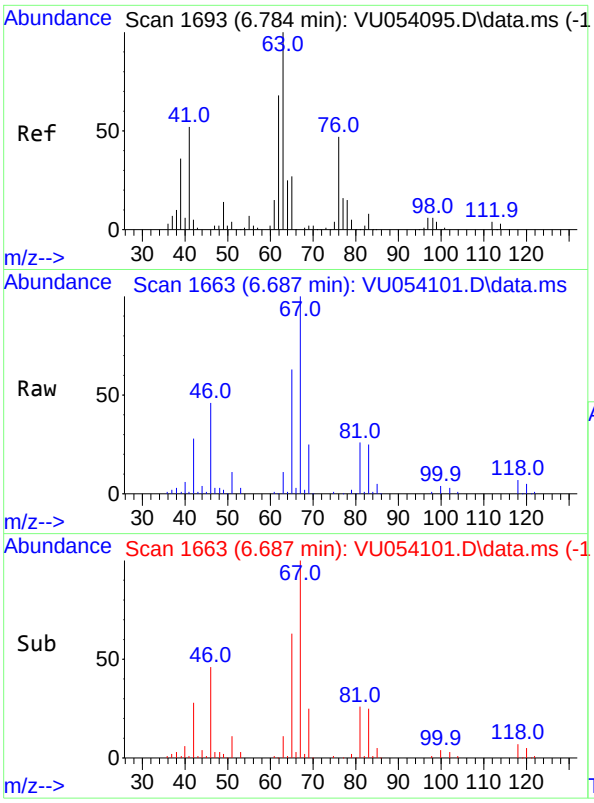




#13
Acetone
Concen: 5.407 ug/L
RT: 2.626 min Scan# 400
Delta R.T. -0.006 min
Lab File: VU054101.D
Acq: 08 May 2023 23:52

Tgt Ion: 43 Resp: 5175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.5 | 0.0 | 67.4 |



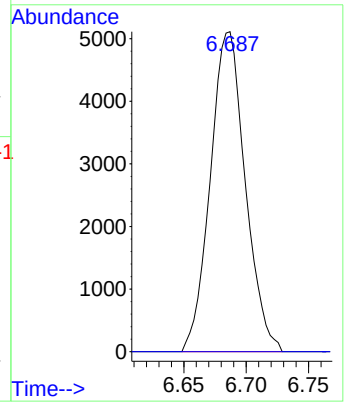


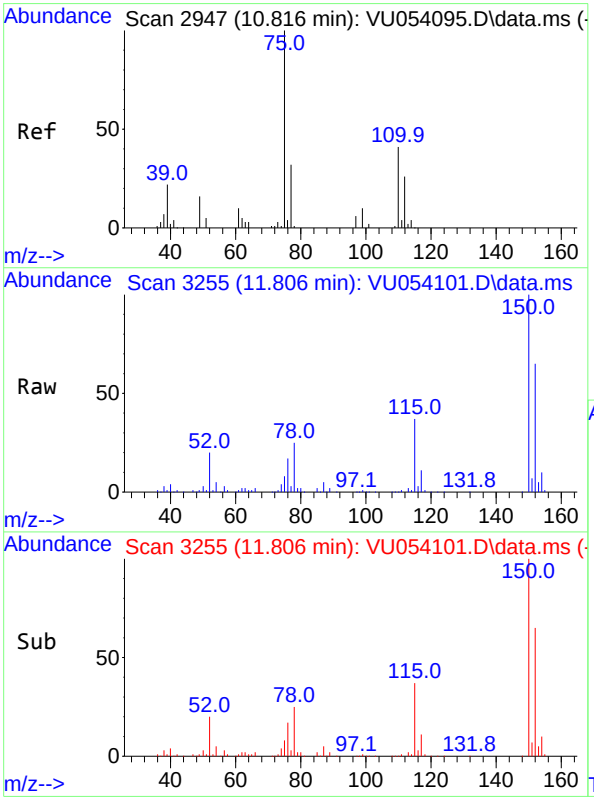

#37
1,2-Dichloropropane
Concen: 5.582 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU054101.D
Acq: 08 May 2023 23:52

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

Tgt Ion: 63 Resp: 9977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.4 | 5.0# |




#60
1,2,3-Trichloropropane
Concen: 6.189 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.990 min
Lab File: VU054101.D
Acq: 08 May 2023 23:52

Tgt Ion: 75 Resp: 12622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.4 | 26.0 | 39.0 |
| 110 | 2.3 | 31.8 | 47.8# |