Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081224\
Data File : VU060402.D
Acq On : 12 Aug 2024 13:31
Operator : MD/SY
Sample : P3401-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Aug 13 02:21:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 13 02:20:56 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.242 | 114 | 90826 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.412 | 117 | 92867 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.807 | 152 | 37331 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.596 | 65 | 27739 | 3.891 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 77.800% | | | |
| 7) Chloroethane-d5 | 1.911 | 69 | 26805 | 4.170 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 83.400% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.560 | 65 | 12061 | 3.975 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 79.600% | | | |
| 20) 2-Butanone-d5 | 4.637 | 46 | 72063 | 47.628 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 95.260% | | | |
| 24) Chloroform-d | 5.055 | 84 | 63166 | 4.475 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 89.400% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.695 | 65 | 32602 | 4.980 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 99.600% | | | |
| 32) Benzene-d6 | 5.721 | 84 | 117736 | 4.204 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 84.000% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.682 | 67 | 40783 | 4.694 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 93.800% | | | |
| 41) Toluene-d8 | 7.891 | 98 | 93722 | 3.748 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 75.000% | | | |
| 43) trans-1,3-Dichloroprop... | 8.177 | 79 | 11851 | 4.220 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 84.400% | | | |
| 46) 2-Hexanone-d5 | 8.631 | 63 | 55936 | 44.880 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 89.760% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84 | 32460 | 4.554 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 91.000% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.190 | 152 | 35147 | 5.111 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 102.200% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Methylene chloride | 3.042 | 84 | 1475 | 0.173 | ug/L | 95 |
| 35) Methylcyclohexane | 6.682 | 83 | 9219 | 1.009 | ug/L # | 20 |
| 37) 1,2-Dichloropropane | 6.689 | 63 | 3955 | 0.544 | ug/L # | 88 |
| 61) 1,2,3-Trichloropropane | 11.807 | 75 | 4275 | 1.183 | ug/L # | 67 |

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

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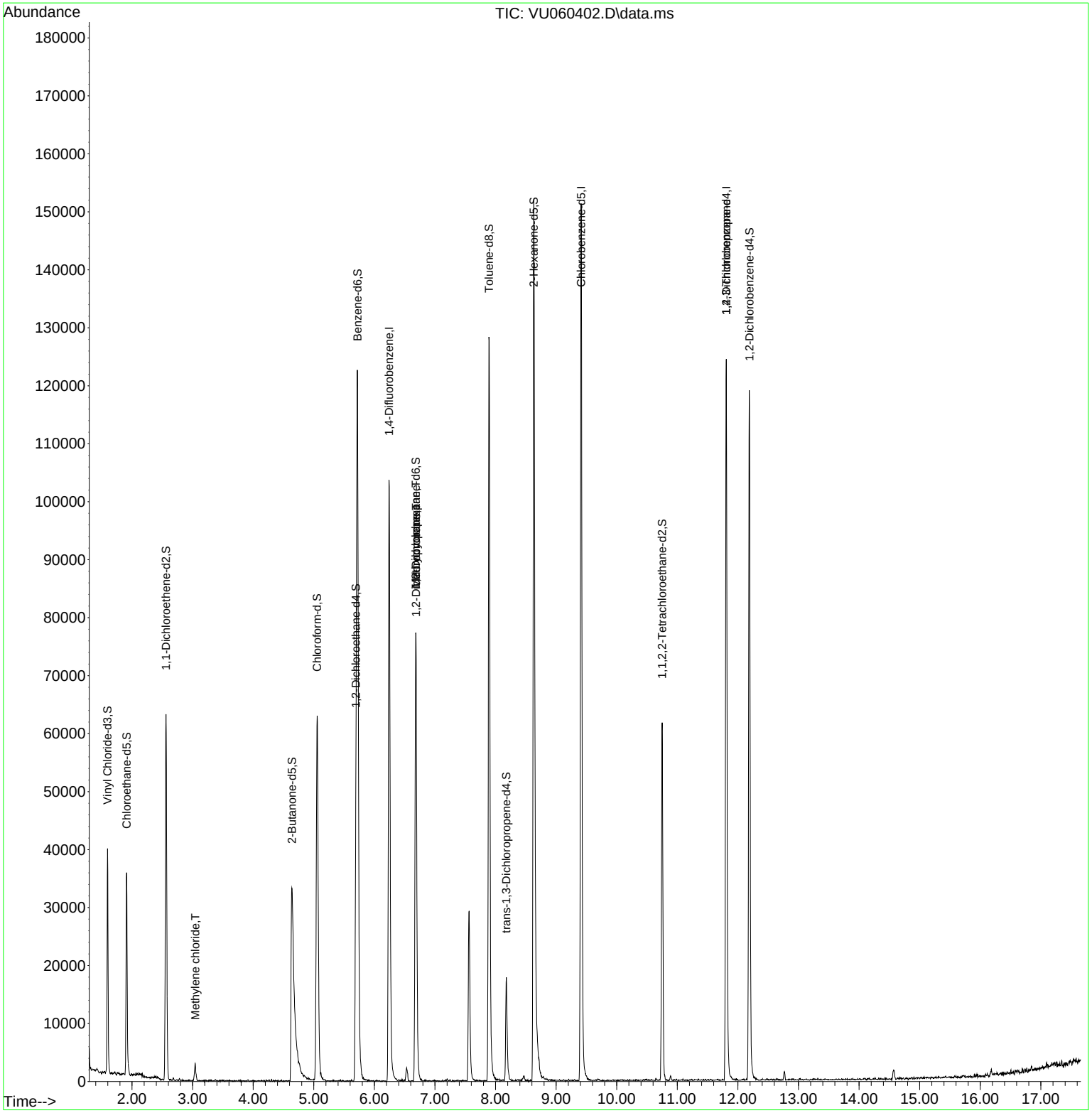
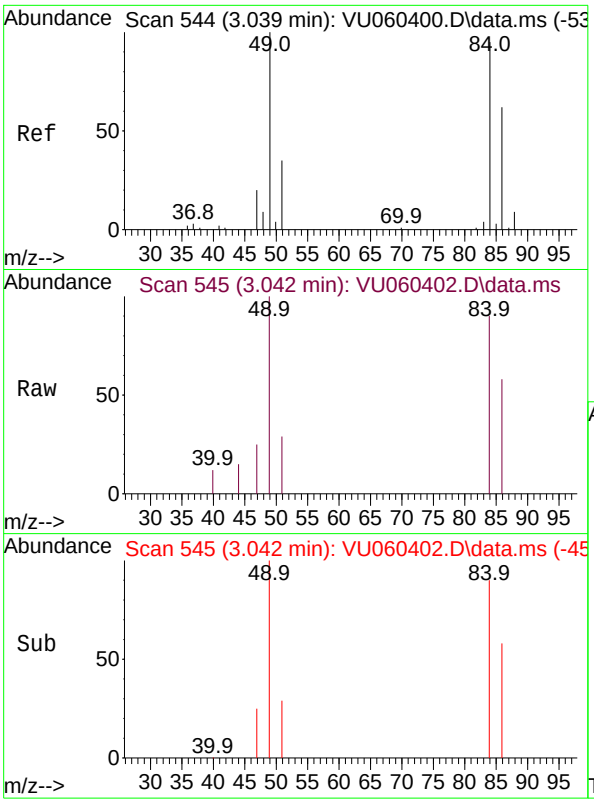


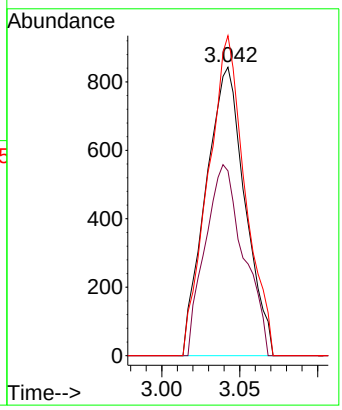


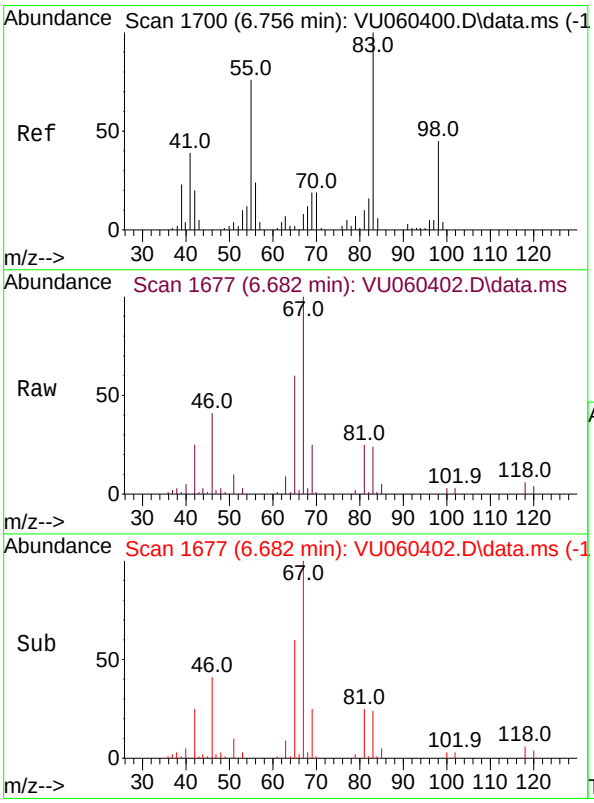

#16
Methylene chloride
Concen: 0.173 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU060402.D
Acq: 12 Aug 2024 13:31

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

Tgt Ion: 84 Resp: 1475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 64.1 | 47.1 | 87.5 |
| 49 | 110.9 | 73.9 | 137.3 |

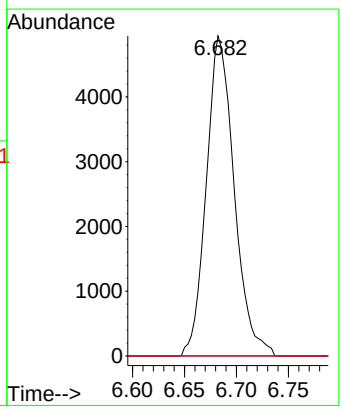


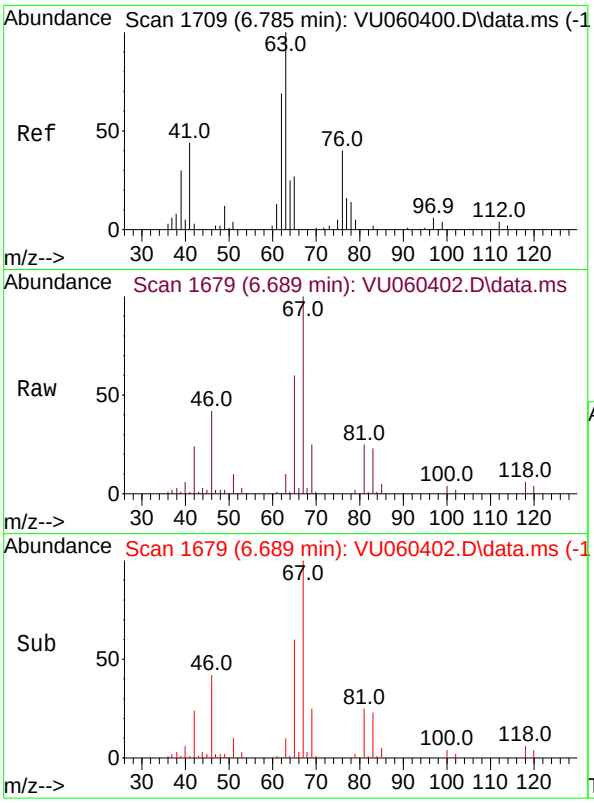




#35
Methylcyclohexane
Concen: 1.009 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060402.D
Acq: 12 Aug 2024 13:31

Tgt Ion: 83 Resp: 9219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 62.4 | 93.6# |
| 98 | 3.8 | 37.3 | 55.9# |



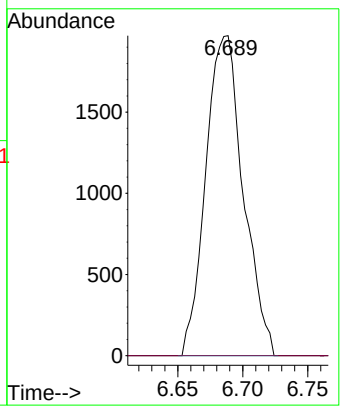


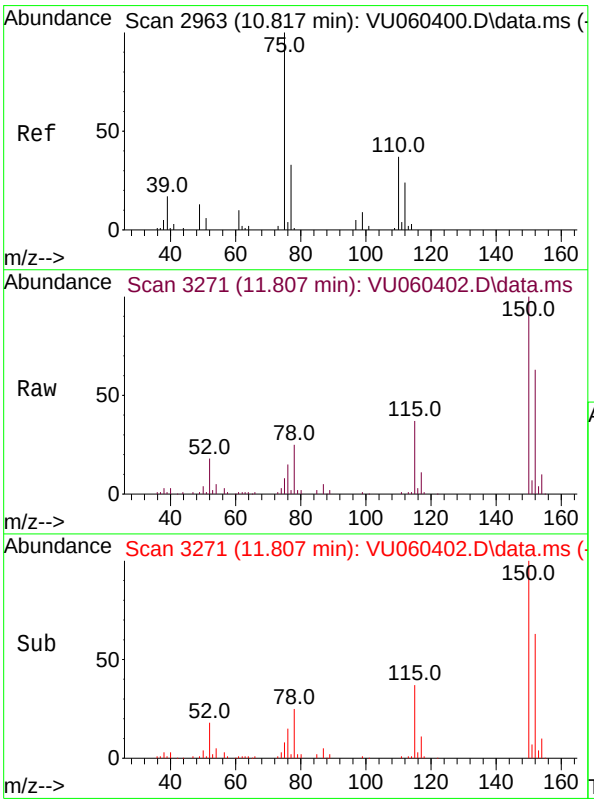

#37
1,2-Dichloropropane
Concen: 0.544 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU060402.D
Acq: 12 Aug 2024 13:31

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

Tgt Ion: 63 Resp: 3955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.3 | 4.9# |




#61
1,2,3-Trichloropropane
Concen: 1.183 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU060402.D
Acq: 12 Aug 2024 13:31

Tgt Ion: 75 Resp: 4275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 0.0 | 29.9 | 44.9# |
| 77 | 33.1 | 27.0 | 40.6 |