Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092021\
Data File : VU044721.D
Acq On : 20 Sep 2021 20:06
Operator : SY/MD
Sample : M3789-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Sep 21 02:51:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Sep 21 02:46:41 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.256 | 114 | 111805 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.423 | 117 | 113749 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.815 | 152 | 47033 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.600 | 65 | 18854 | 2.858 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 57.200% | | | |
| 7) Chloroethane-d5 | 1.916 | 69 | 23478 | 3.487 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 69.800% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.571 | 65 | 10656 | 3.198 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 64.000% | | | |
| 20) 2-Butanone-d5 | 4.671 | 46 | 148260 | 53.613 | ug/L | 0.03 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 107.220% | | | |
| 24) Chloroform-d | 5.070 | 84 | 61258 | 4.415 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 88.200% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.710 | 65 | 38770 | 4.686 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 93.800% | | | |
| 32) Benzene-d6 | 5.732 | 84 | 108475 | 3.740 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 74.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.697 | 67 | 41104 | 4.315 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 86.400% | | | |
| 41) Toluene-d8 | 7.902 | 98 | 81808 | 3.240 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 64.800%# | | | |
| 43) trans-1,3-Dichloroprop... | 8.185 | 79 | 8568 | 2.552 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 51.000%# | | | |
| 46) 2-Hexanone-d5 | 8.645 | 63 | 103462 | 47.944 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 95.880% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761 | 84 | 39159 | 4.637 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 92.800% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.198 | 152 | 31767 | 4.093 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 81.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 35) Methylcyclohexane | 6.697 | 83 | 9326 | 0.679 | ug/L # | 15 |
| 37) 1,2-Dichloropropane | 6.700 | 63 | 4738 | 0.524 | ug/L # | 88 |
| 48) 2-Hexanone | 8.645 | 43 | 16135 | 3.079 | ug/L # | 70 |
| 61) 1,2,3-Trichloropropane | 11.815 | 75 | 6763 | 1.301 | ug/L # | 67 |

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

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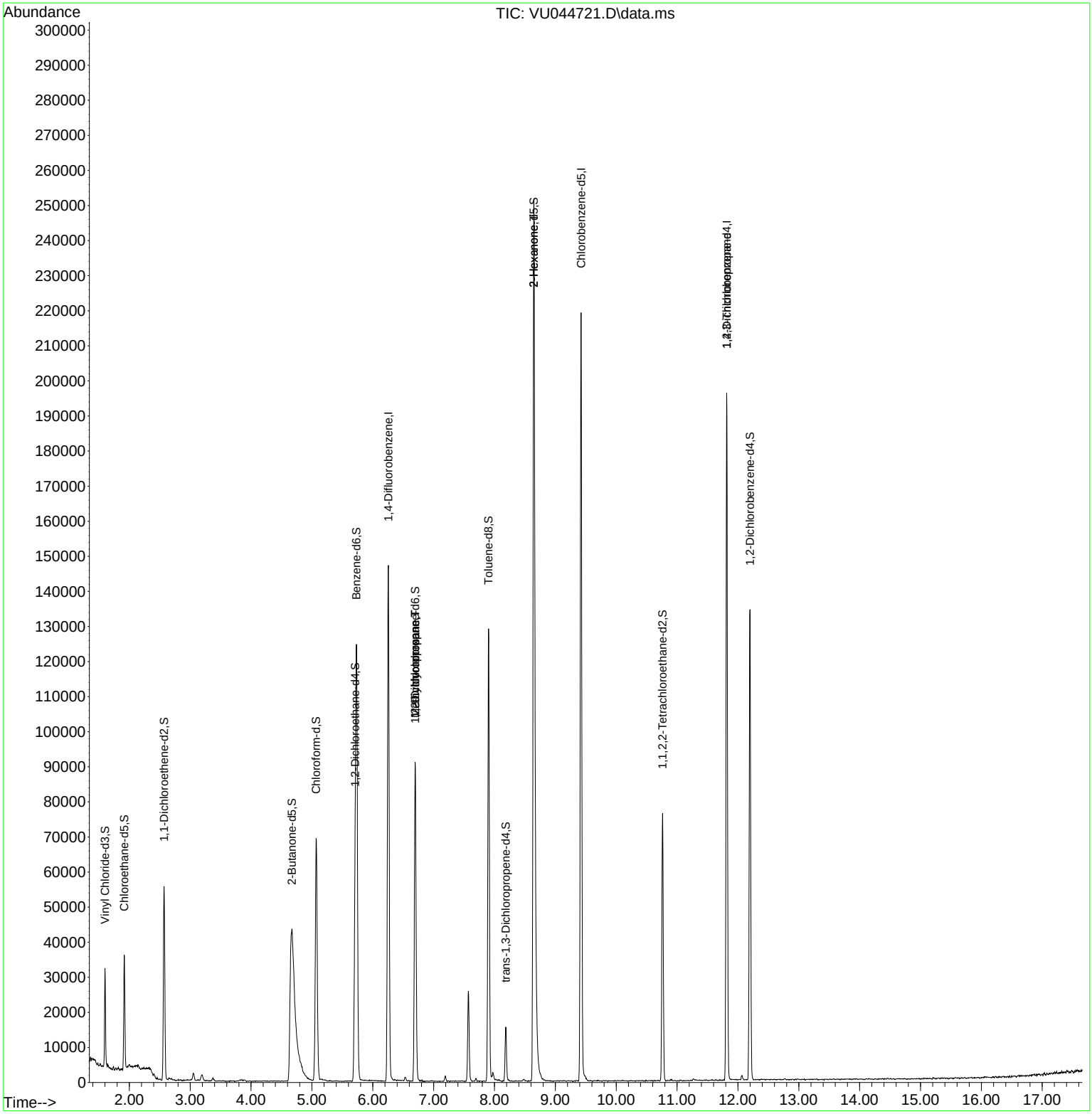
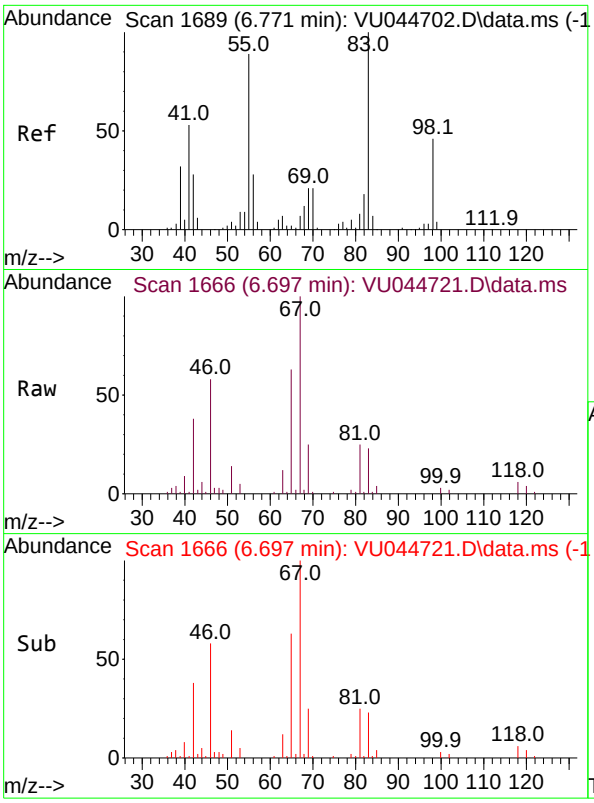


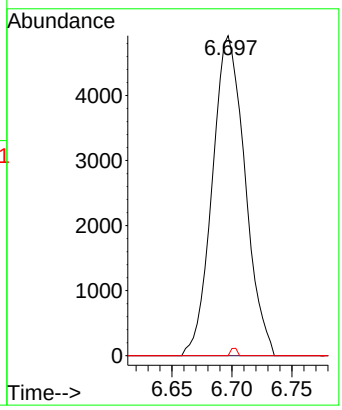
**Instrument :**
MSVOA_U
**ClientSampleId :**

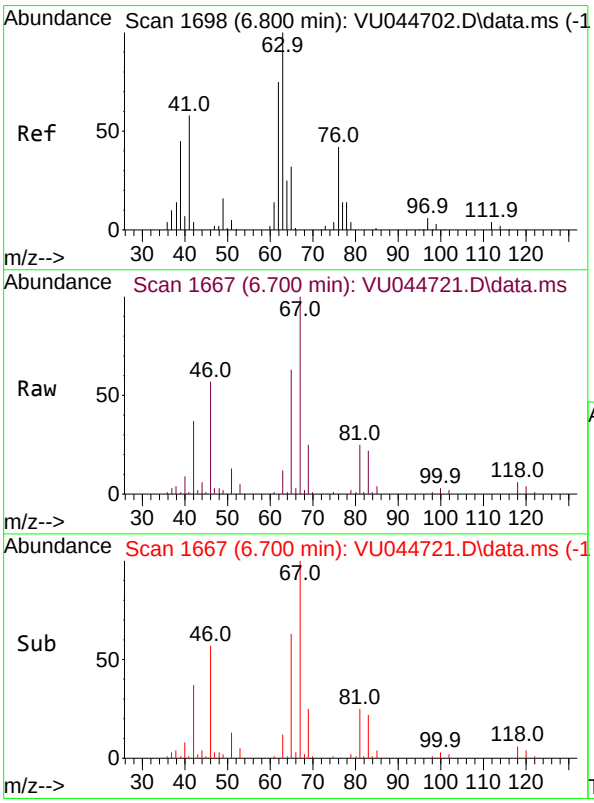



#35
Methylcyclohexane
Concen: 0.679 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU044721.D
Acq: 20 Sep 2021 20:06

Tgt Ion: 83 Resp: 9326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 68.3 | 102.5# |
| 98 | 0.5 | 37.3 | 55.9# |

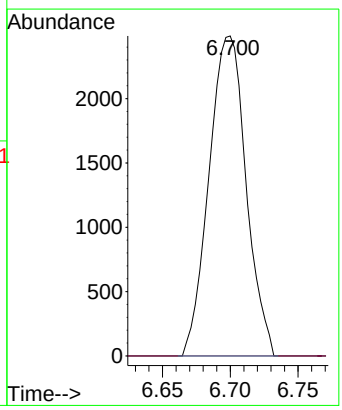


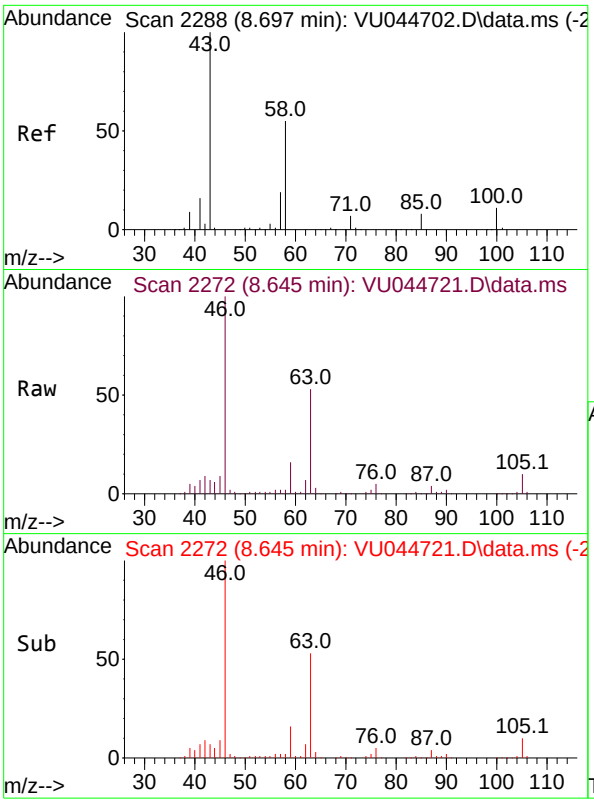




#37
1,2-Dichloropropane
Concen: 0.524 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU044721.D
Acq: 20 Sep 2021 20:06

Tgt Ion: 63 Resp: 4738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.1 | 4.7# |

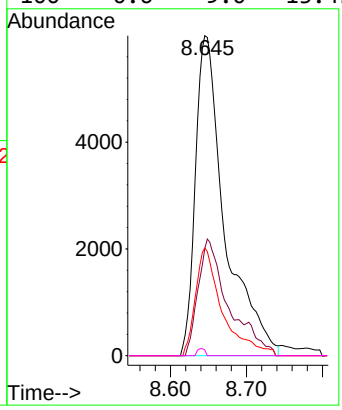




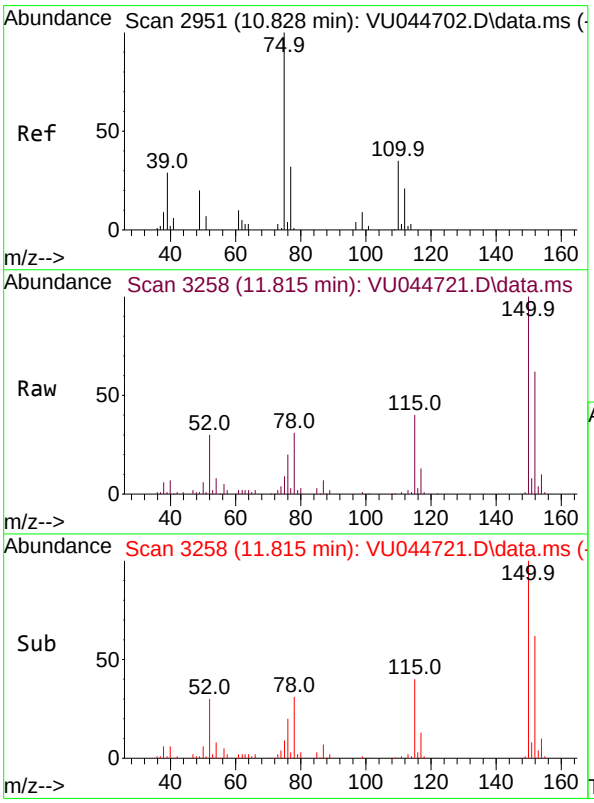

#48
2-Hexanone
Concen: 3.079 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU044721.D
Acq: 20 Sep 2021 20:06

Tgt Ion: 43 Resp: 16135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.0 | 44.6 | 66.8# |
| 57 | 30.7 | 14.8 | 22.2# |
| 100 | 0.6 | 9.0 | 13.4# |




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




#61
1,2,3-Trichloropropane
Concen: 1.301 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044721.D
Acq: 20 Sep 2021 20:06

Tgt Ion: 75 Resp: 6763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 0.3 | 28.8 | 43.2# |
| 77 | 31.7 | 25.9 | 38.9 |