Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092021\
Data File : VU044713.D
Acq On : 20 Sep 2021 16:52
Operator : SY/MD
Sample : M3789-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 21 02:50:03 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 | 119475 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.423 | 117 | 120245 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.816 | 152 | 49608 | 5.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.601 | 65 | 19198 | 2.723 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 54.400% | | | |
| 7) Chloroethane-d5 | 1.919 | 69 | 24930 | 3.465 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 69.400% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.572 | 65 | 11229 | 3.154 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 63.000% | | | |
| 20) 2-Butanone-d5 | 4.645 | 46 | 108566 | 36.738 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 73.480% | | | |
| 24) Chloroform-d | 5.070 | 84 | 62890 | 4.241 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 84.800% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.710 | 65 | 38720 | 4.379 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 87.600% | | | |
| 32) Benzene-d6 | 5.735 | 84 | 111644 | 3.641 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 72.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.697 | 67 | 41950 | 4.166 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 83.400% | | | |
| 41) Toluene-d8 | 7.902 | 98 | 84612 | 3.170 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 63.400%# | | | |
| 43) trans-1,3-Dichloroprop... | 8.185 | 79 | 9476 | 2.670 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 53.400%# | | | |
| 46) 2-Hexanone-d5 | 8.645 | 63 | 106856 | 46.842 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 93.680% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761 | 84 | 40613 | 4.549 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 91.000% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.198 | 152 | 33846 | 4.135 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 82.600% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 35) Methylcyclohexane | 6.697 | 83 | 9216 | 0.635 | ug/L # | 15 |
| 37) 1,2-Dichloropropane | 6.697 | 63 | 4558 | 0.477 | ug/L # | 88 |
| 48) 2-Hexanone | 8.648 | 43 | 16267 | 2.936 | ug/L # | 72 |
| 61) 1,2,3-Trichloropropane | 11.816 | 75 | 7141 | 1.303 | ug/L # | 67 |

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

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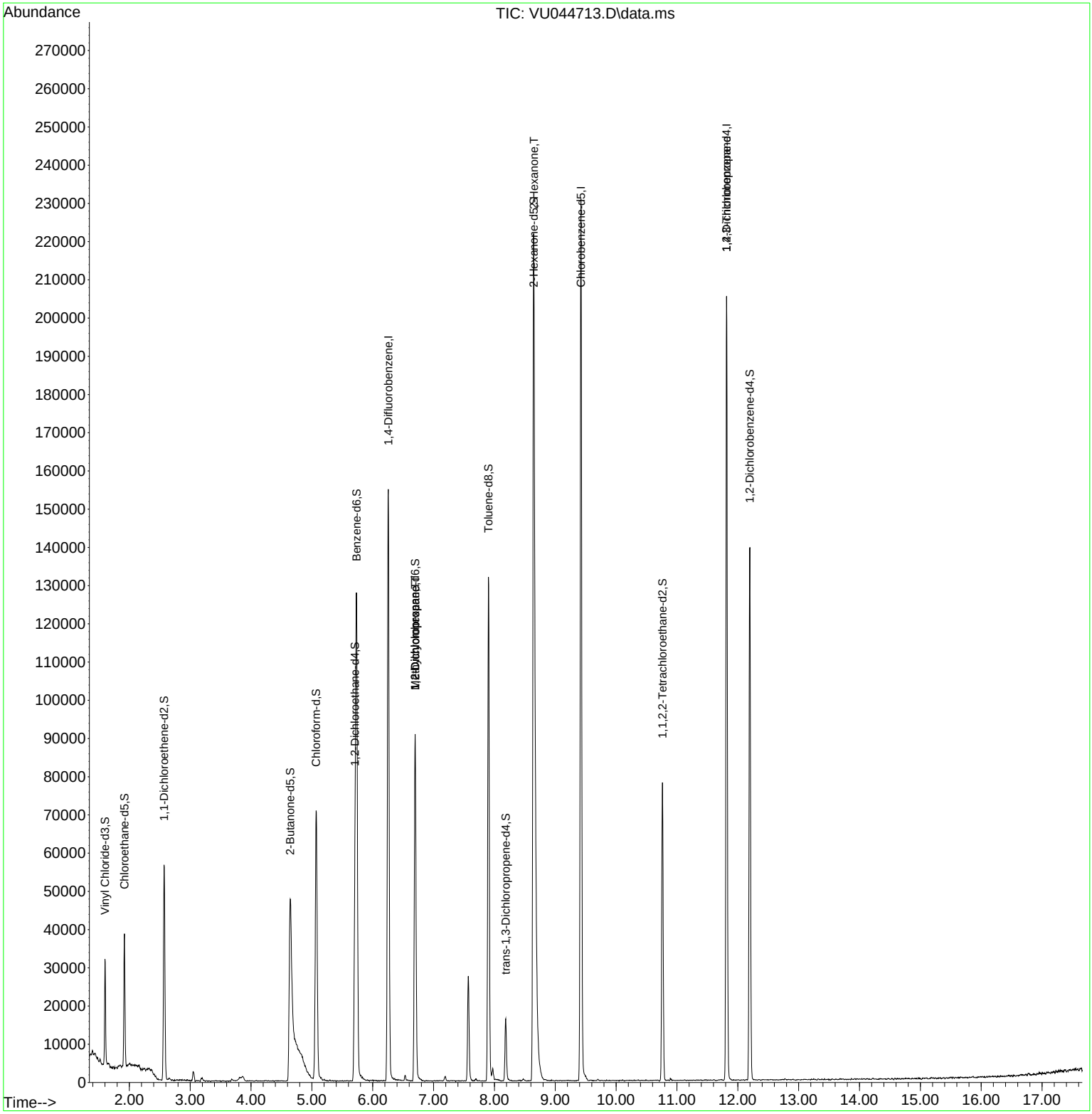
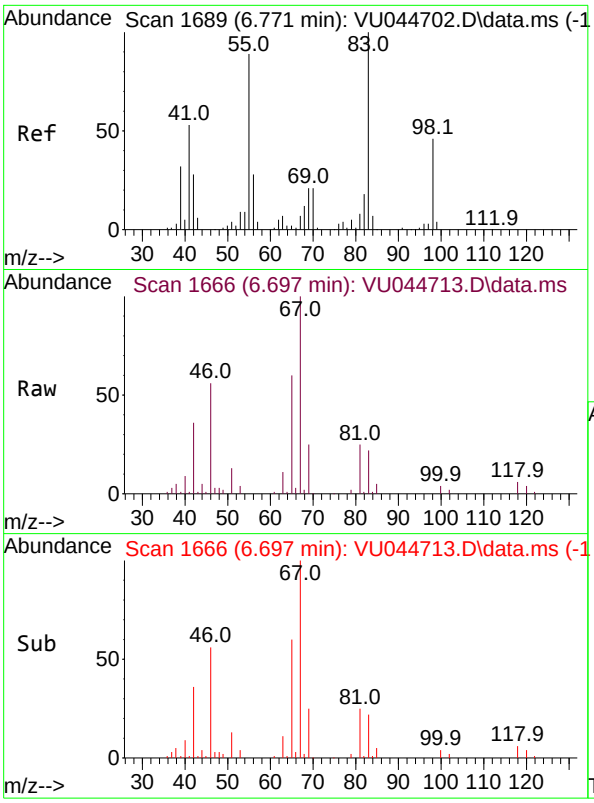


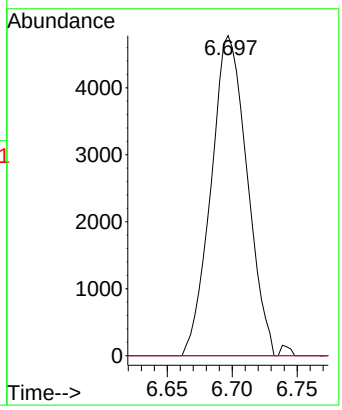
**Instrument :**
MSVOA_U
**ClientSampleId :**

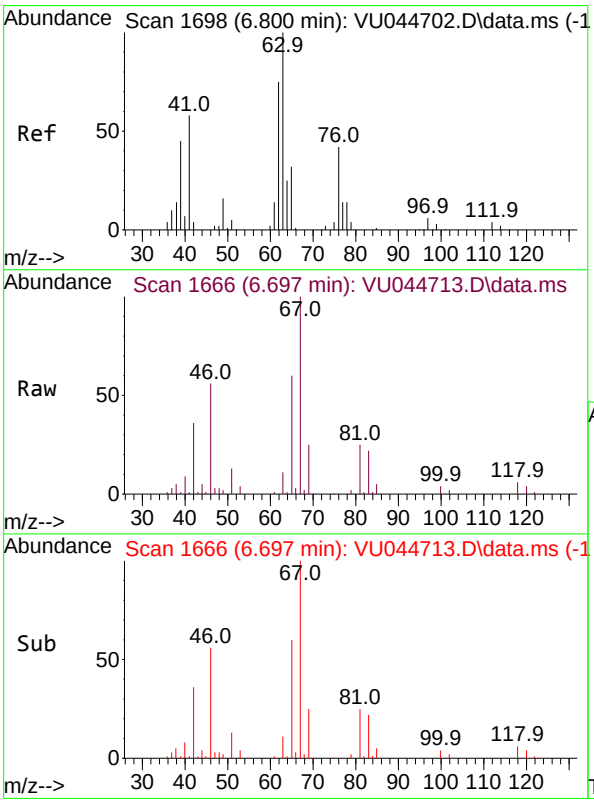



#35
Methylcyclohexane
Concen: 0.635 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU044713.D
Acq: 20 Sep 2021 16:52

Tgt Ion: 83 Resp: 9216

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

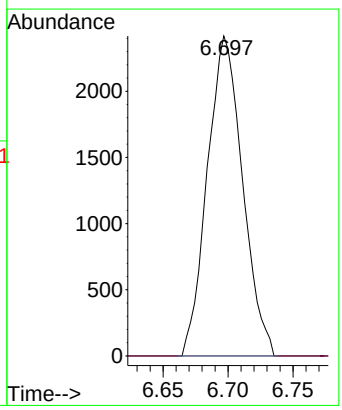


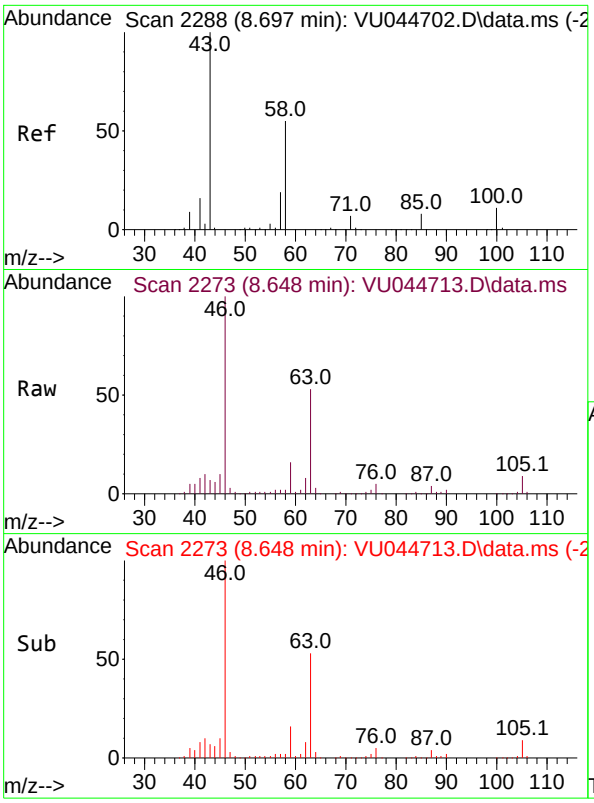

#37
1,2-Dichloropropane
Concen: 0.477 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU044713.D
Acq: 20 Sep 2021 16:52

Tgt Ion: 63 Resp: 4558

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



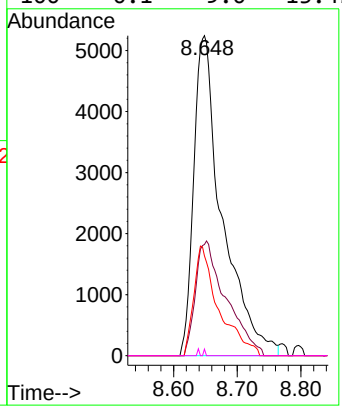
**Instrument :**
MSVOA_U
**ClientSampleId :**

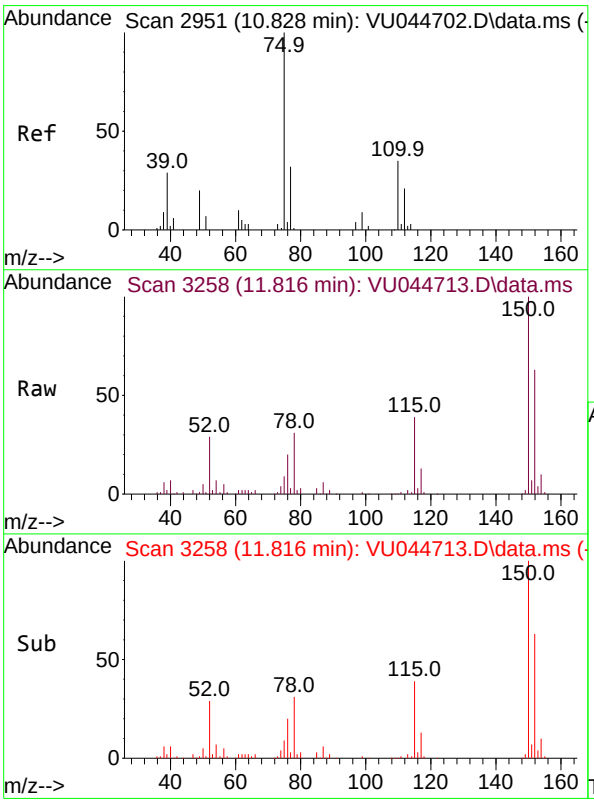



#48
2-Hexanone
Concen: 2.936 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU044713.D
Acq: 20 Sep 2021 16:52

Tgt Ion: 43 Resp: 16267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.3 | 44.6 | 66.8# |
| 57 | 0.0 | 14.8 | 22.2# |
| 100 | 0.1 | 9.0 | 13.4# |




#61
1,2,3-Trichloropropane
Concen: 1.303 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044713.D
Acq: 20 Sep 2021 16:52

Tgt Ion: 75 Resp: 7141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 1.3 | 28.8 | 43.2# |
| 77 | 30.2 | 25.9 | 38.9 |