Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
Data File : VU056741.D
Acq On : 11 Dec 2023 18:54
Operator : MD/SY
Sample : 05678-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Dec 12 01:12:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 12 01:07:35 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.245 | 114 | 246591 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.415 | 117 | 253498 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.807 | 152 | 102618 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.595 | 65 | 88410 | 4.183 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 83.600% | | | |
| 7) Chloroethane-d5 | 1.907 | 69 | 68587 | 4.336 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 86.800% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.563 | 65 | 37554 | 4.153 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 83.000% | | | |
| 20) 2-Butanone-d5 | 4.621 | 46 | 166607 | 39.913 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 79.820% | | | |
| 24) Chloroform-d | 5.055 | 84 | 161536 | 4.036 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 80.800% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.695 | 65 | 80306 | 4.240 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 84.800% | | | |
| 32) Benzene-d6 | 5.721 | 84 | 311878 | 3.966 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 79.400% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.685 | 67 | 96582 | 3.924 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 78.400% | | | |
| 41) Toluene-d8 | 7.894 | 98 | 259181 | 3.688 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 73.800% | | | |
| 43) trans-1,3-Dichloroprop... | 8.177 | 79 | 29393 | 3.080 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 61.600% | | | |
| 46) 2-Hexanone-d5 | 8.627 | 63 | 121574 | 33.774 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 67.540% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84 | 68133 | 3.826 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 76.600% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.190 | 152 | 86346 | 4.280 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 85.600% | | | |
| Target Compounds | | | | | | Qvalue |
| 35) Methylcyclohexane | 6.685 | 83 | 21997 | 0.610 | ug/L # | 18 |
| 37) 1,2-Dichloropropane | 6.685 | 63 | 10415 | 0.457 | ug/L # | 89 |
| 48) 2-Hexanone | 8.682 | 43 | 7462 | 0.968 | ug/L # | 79 |
| 61) 1,2,3-Trichloropropane | 11.807 | 75 | 13030 | 1.183 | ug/L # | 70 |

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

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Quant Title : TRACE VOA SFAM1.0
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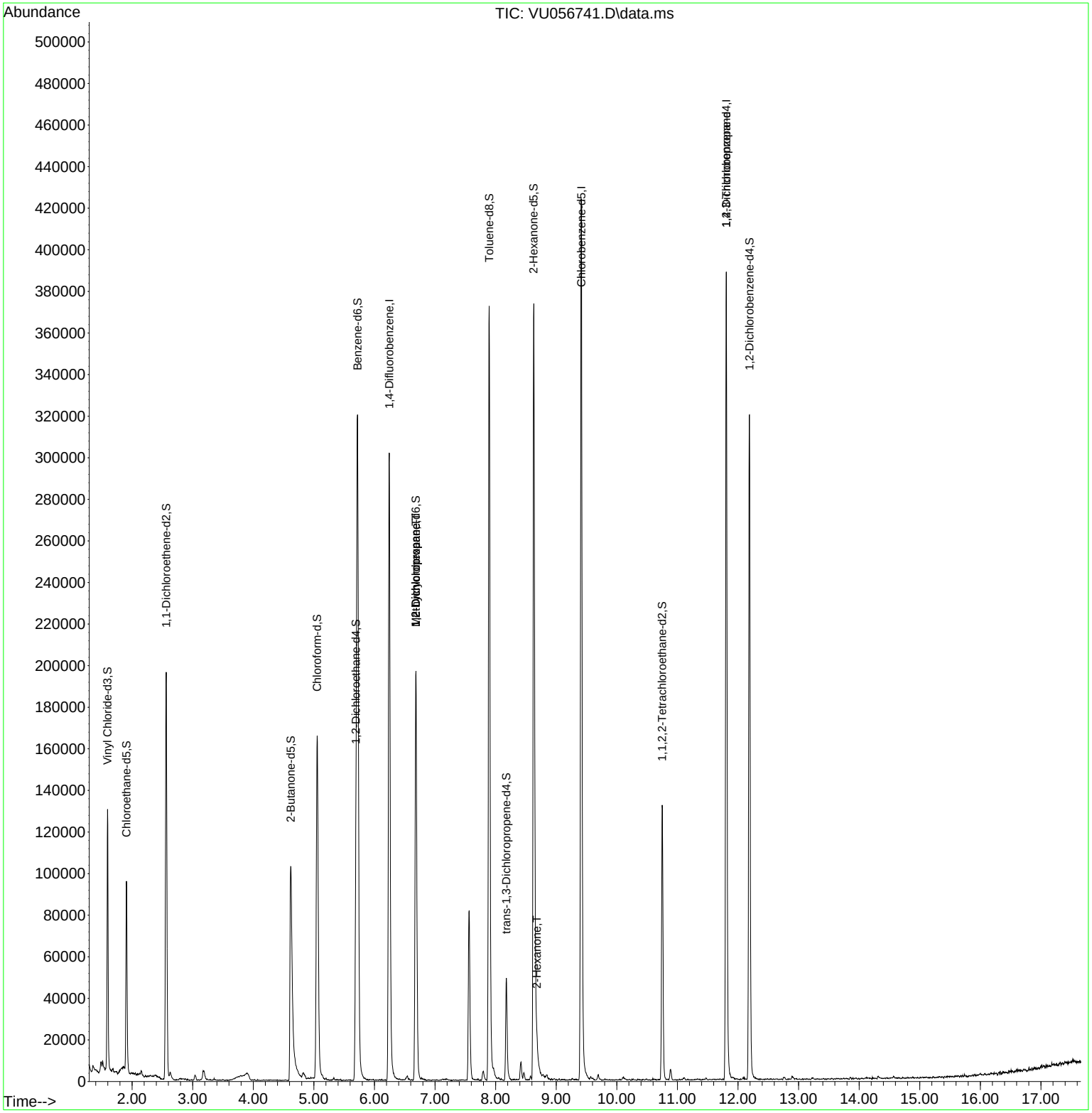
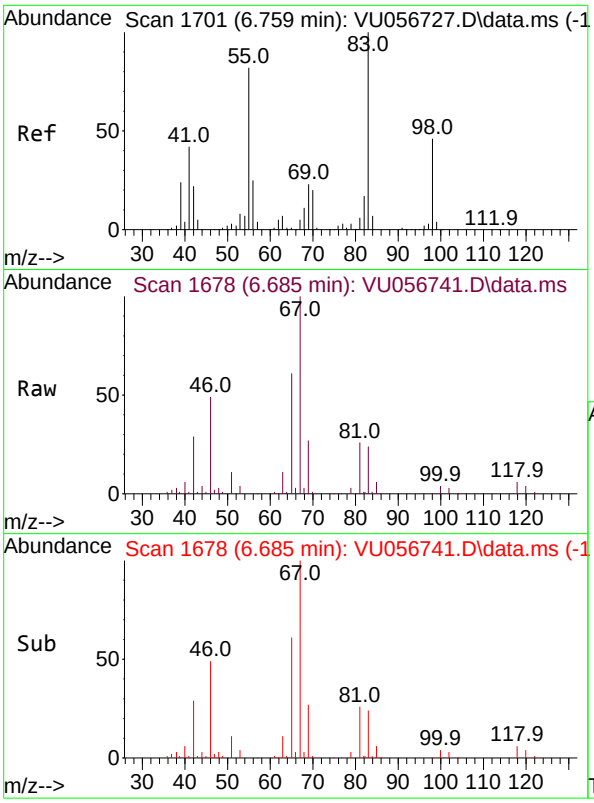


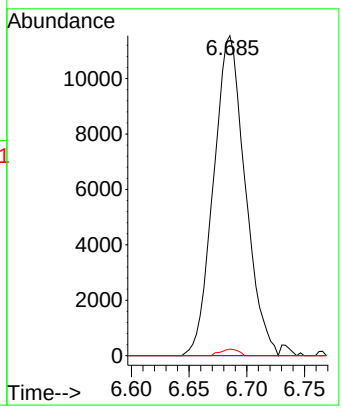


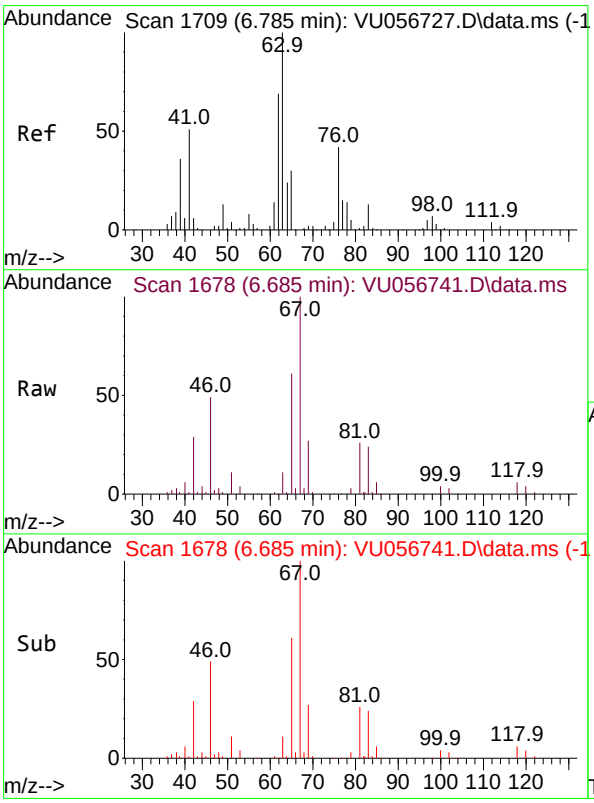

#35
Methylcyclohexane
Concen: 0.610 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU056741.D
Acq: 11 Dec 2023 18:54

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

Tgt Ion: 83 Resp: 21997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.2 | 64.6 | 97.0# |
| 98 | 1.2 | 36.1 | 54.1# |

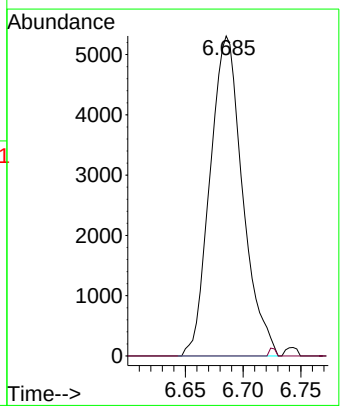


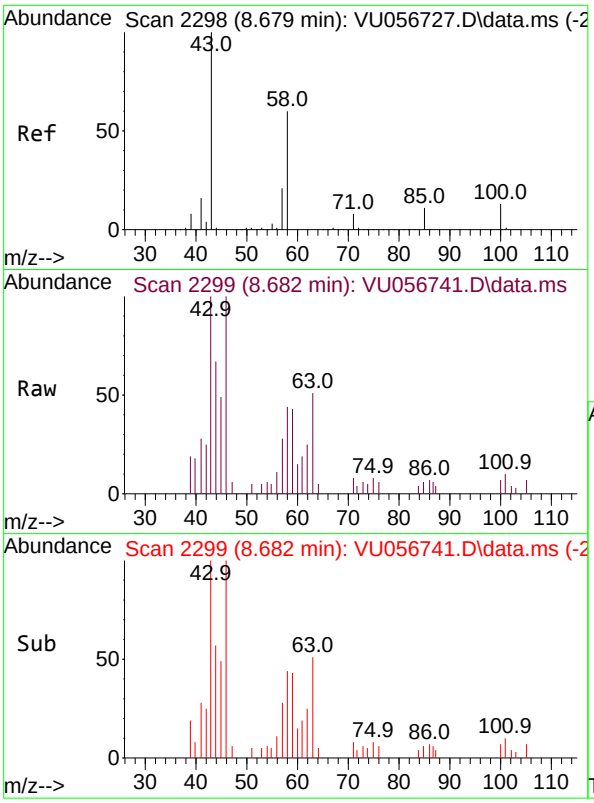




#37
1,2-Dichloropropane
Concen: 0.457 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056741.D
Acq: 11 Dec 2023 18:54

Tgt Ion: 63 Resp: 10415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.5 | 3.3 | 4.9# |



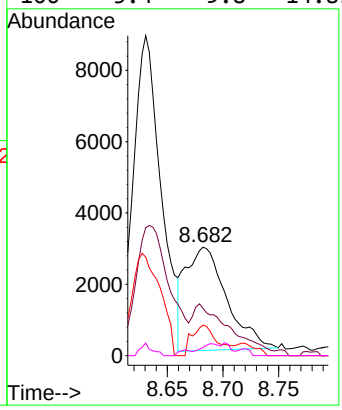


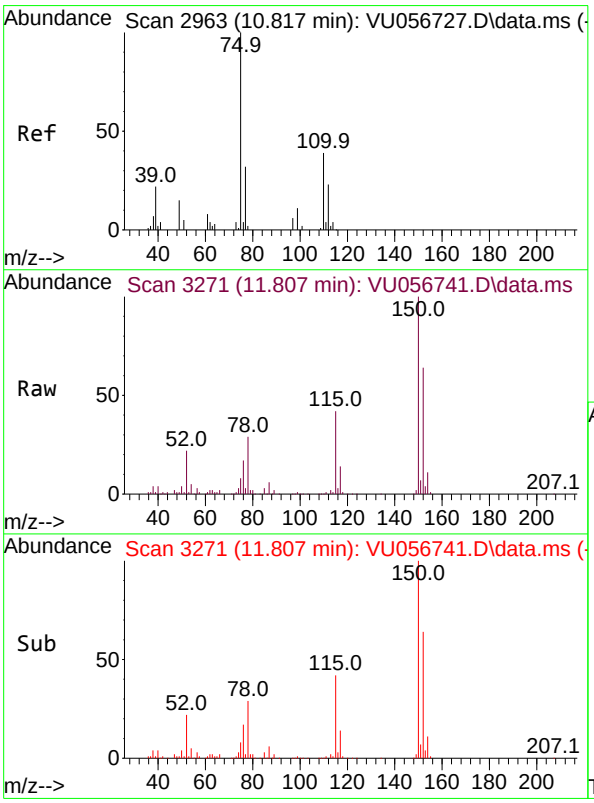

#48
2-Hexanone
Concen: 0.968 ug/L
RT: 8.682 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU056741.D
Acq: 11 Dec 2023 18:54

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

Tgt Ion: 43 Resp: 7462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.3 | 47.5 | 71.3# |
| 57 | 18.1 | 17.0 | 25.4 |
| 100 | 5.4 | 9.8 | 14.8# |




#61
1,2,3-Trichloropropane
Concen: 1.183 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056741.D
Acq: 11 Dec 2023 18:54

Tgt Ion: 75 Resp: 13030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 2.6 | 28.4 | 42.6# |
| 77 | 32.1 | 26.3 | 39.5 |