Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058798.D
Acq On : 25 Apr 2024 11:01
Operator : MD/SY
Sample : VU0425WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Apr 26 02:13:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 26 02:12:29 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.239 | 114 | 67590 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.412 | 117 | 65214 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.807 | 152 | 29306 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.589 | 65 | 19455 | 3.659 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 73.200% | | | |
| 7) Chloroethane-d5 | 1.904 | 69 | 15671 | 3.912 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 78.200% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.557 | 65 | 11762 | 4.394 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 87.800% | | | |
| 20) 2-Butanone-d5 | 4.628 | 46 | 36862 | 39.463 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 78.920% | | | |
| 24) Chloroform-d | 5.052 | 84 | 52420 | 4.823 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 96.400% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.692 | 65 | 26776 | 5.083 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 101.600% | | | |
| 32) Benzene-d6 | 5.714 | 84 | 93578 | 4.508 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 90.200% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.679 | 67 | 26091 | 4.214 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 84.200% | | | |
| 41) Toluene-d8 | 7.891 | 98 | 81928 | 4.410 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 88.200% | | | |
| 43) trans-1,3-Dichloroprop... | 8.174 | 79 | 10209 | 4.529 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 90.600% | | | |
| 46) 2-Hexanone-d5 | 8.627 | 63 | 25832 | 38.674 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 77.340% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84 | 16437 | 4.359 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 87.200% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.187 | 152 | 27005 | 5.287 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 105.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Methylene chloride | 3.036 | 84 | 896 | 0.169 | ug/L | 81 |
| 35) Methylcyclohexane | 6.682 | 83 | 6963 | 0.746 | ug/L # | 16 |
| 37) 1,2-Dichloropropane | 6.679 | 63 | 3482 | 0.591 | ug/L # | 89 |
| 61) 1,2,3-Trichloropropane | 11.807 | 75 | 3668 | 1.375 | ug/L # | 66 |

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

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Quant Title : TRACE VOA SFAM1.0
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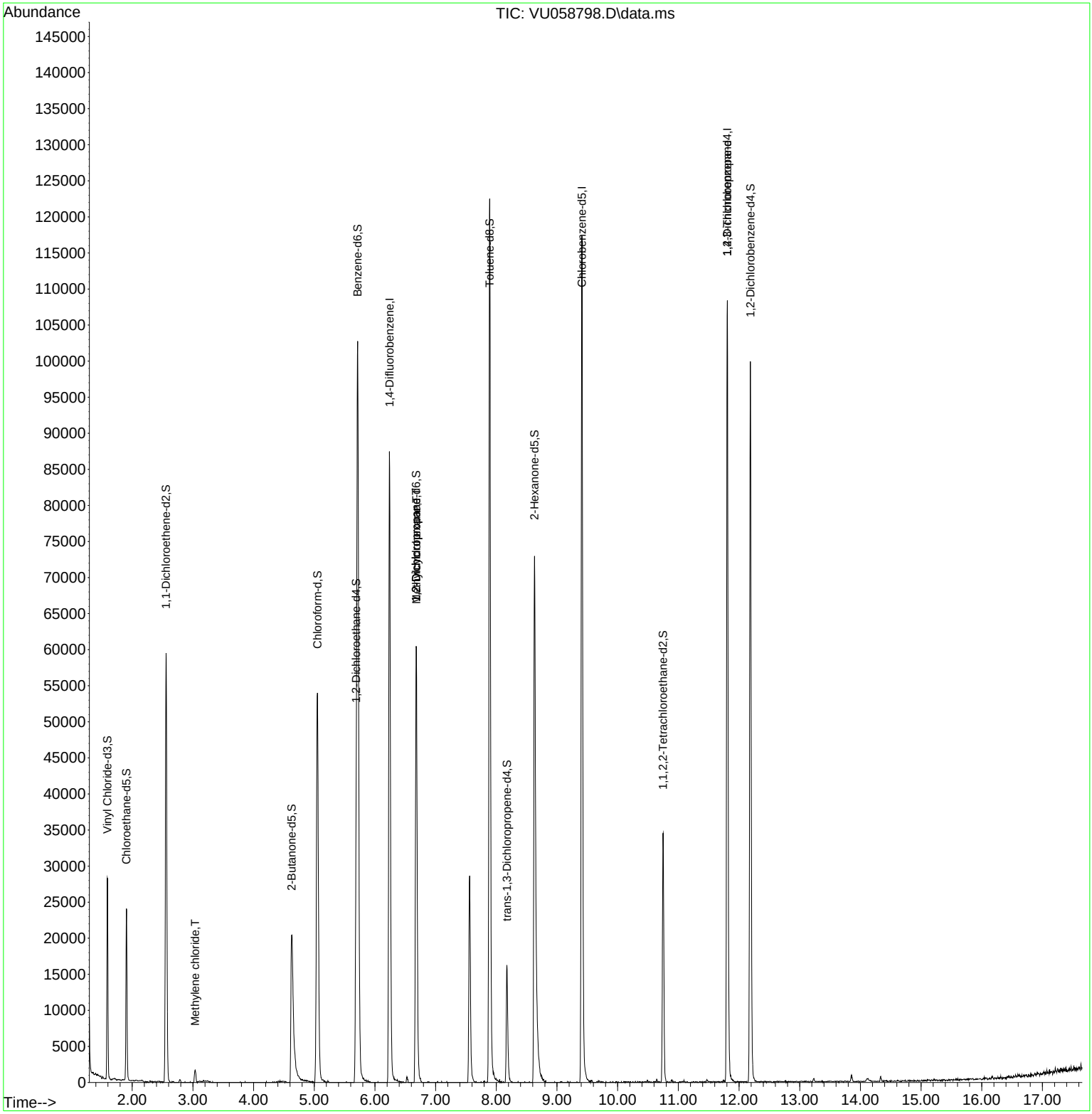
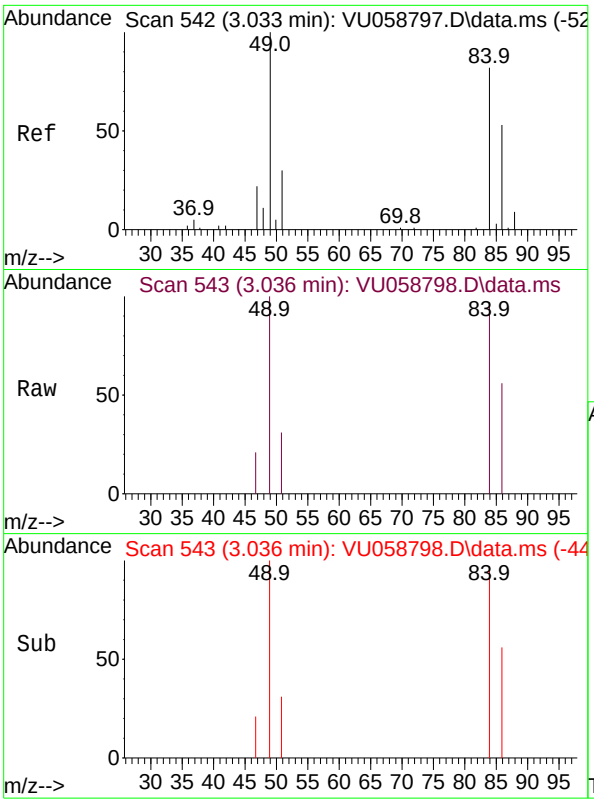


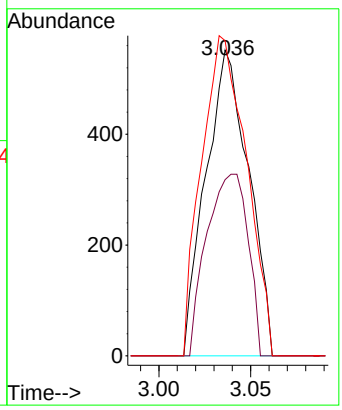


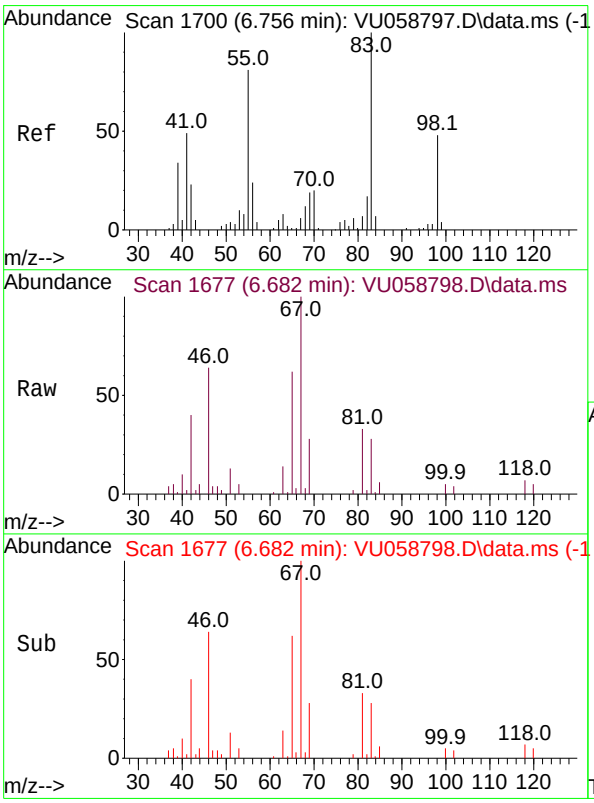

#16
Methylene chloride
Concen: 0.169 ug/L
RT: 3.036 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU058798.D
Acq: 25 Apr 2024 11:01

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

Tgt Ion: 84 Resp: 896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 57.6 | 45.0 | 83.6 |
| 49 | 103.1 | 91.6 | 170.2 |

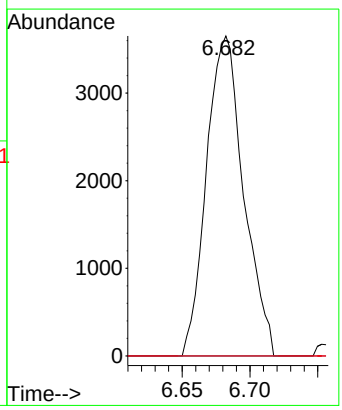


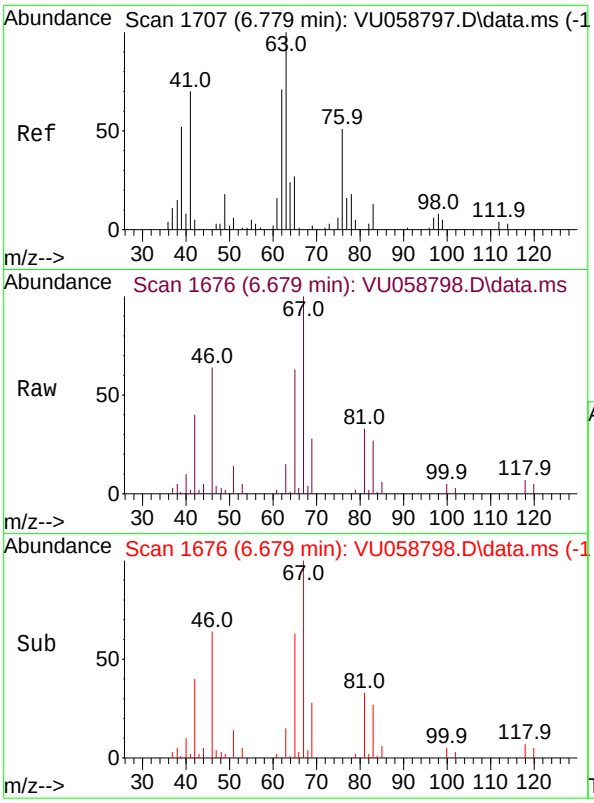




#35
Methylcyclohexane
Concen: 0.746 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058798.D
Acq: 25 Apr 2024 11:01

Tgt Ion: 83 Resp: 6963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 66.6 | 100.0# |
| 98 | 0.6 | 35.4 | 53.2# |



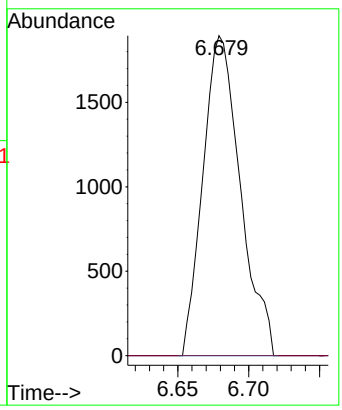


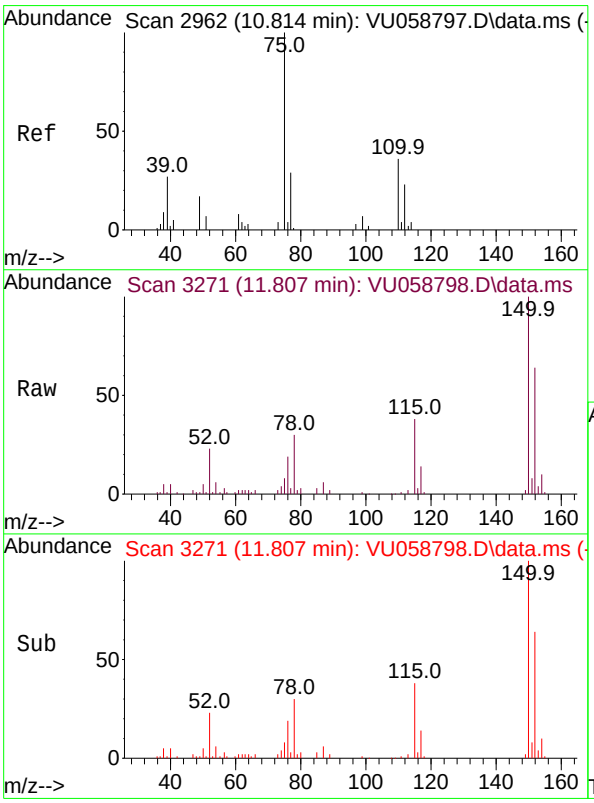

#37
1,2-Dichloropropane
Concen: 0.591 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058798.D
Acq: 25 Apr 2024 11:01

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

Tgt Ion: 63 Resp: 3482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 2.8 | 4.2# |




#61
1,2,3-Trichloropropane
Concen: 1.375 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.994 min
Lab File: VU058798.D
Acq: 25 Apr 2024 11:01

Tgt Ion: 75 Resp: 3668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 0.0 | 28.6 | 43.0# |
| 77 | 30.2 | 25.4 | 38.2 |