Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040924\
Data File : VU058534.D
Acq On : 09 Apr 2024 23:30
Operator : MD/SY
Sample : P1970-16 400X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Apr 10 02:18:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 10 02:08:42 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.242 | 114 | 58454 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.412 | 117 | 56317 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.807 | 152 | 22998 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.592 | 65 | 20379 | 5.266 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 105.400% | | | |
| 7) Chloroethane-d5 | 1.907 | 69 | 18390 | 5.468 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 109.400% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.560 | 65 | 8809 | 5.029 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 100.600% | | | |
| 20) 2-Butanone-d5 | 4.631 | 46 | 40013 | 49.062 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 98.120% | | | |
| 24) Chloroform-d | 5.052 | 84 | 39855 | 5.159 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 103.200% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.695 | 65 | 19350 | 5.367 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 107.400% | | | |
| 32) Benzene-d6 | 5.717 | 84 | 77058 | 5.082 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 101.600% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.682 | 67 | 25586 | 5.381 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 107.600% | | | |
| 41) Toluene-d8 | 7.891 | 98 | 60942 | 4.532 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 90.600% | | | |
| 43) trans-1,3-Dichloroprop... | 8.177 | 79 | 6627 | 4.490 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 89.800% | | | |
| 46) 2-Hexanone-d5 | 8.630 | 63 | 26352 | 43.287 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 86.580% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84 | 14760 | 4.397 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 88.000% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.190 | 152 | 17857 | 4.610 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 92.200% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Methylene chloride | 3.036 | 84 | 2062 | 0.375 | ug/L | 97 |
| 35) Methylcyclohexane | 6.682 | 83 | 5384 | 0.694 | ug/L # | 16 |
| 37) 1,2-Dichloropropane | 6.682 | 63 | 2765 | 0.515 | ug/L # | 90 |
| 61) 1,2,3-Trichloropropane | 11.807 | 75 | 3190 | 1.359 | ug/L # | 70 |

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

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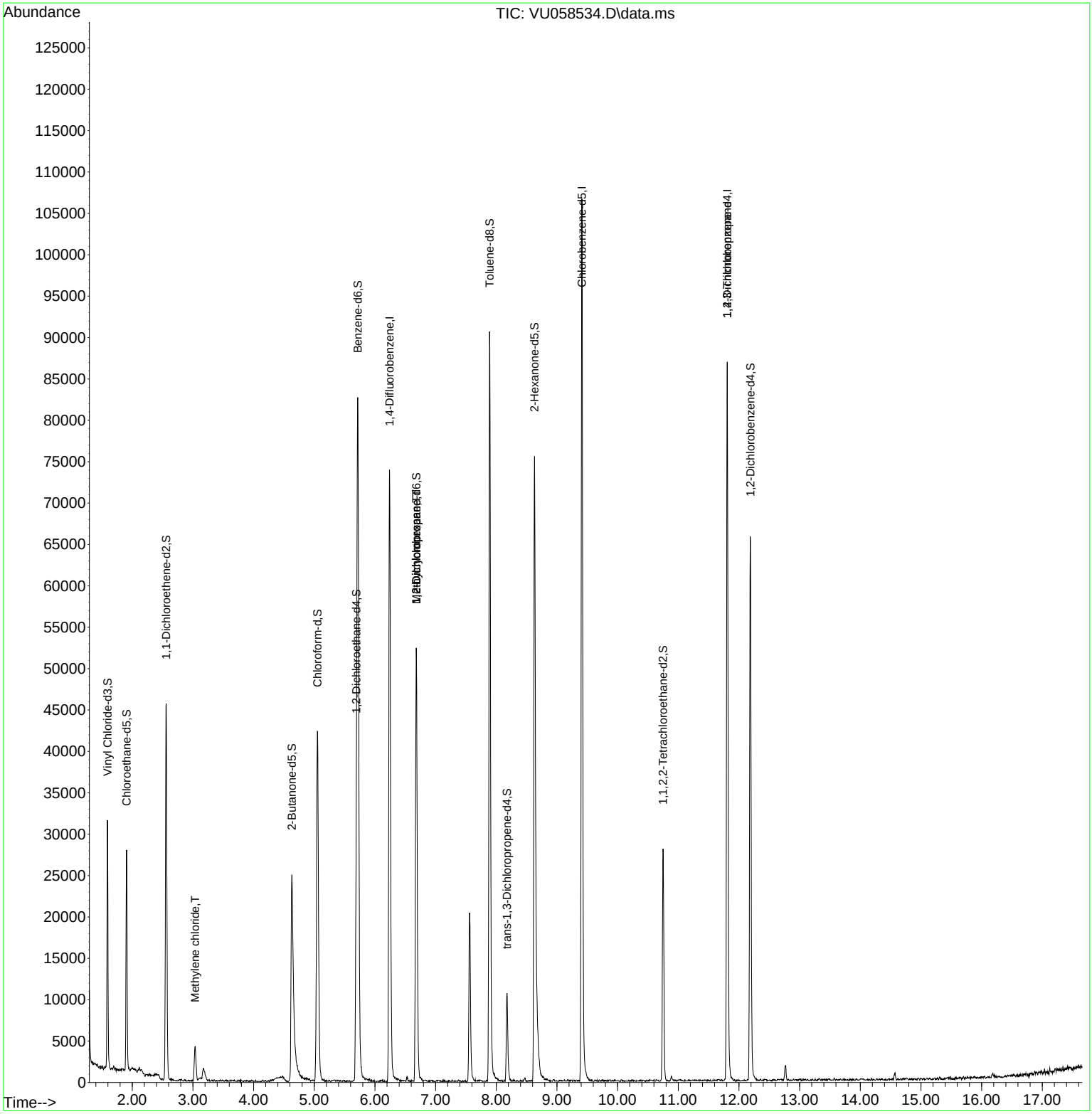
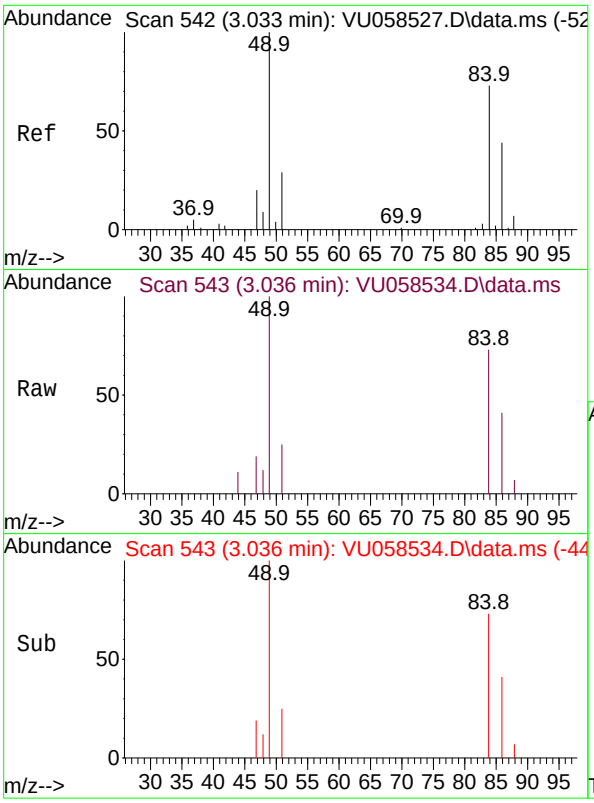


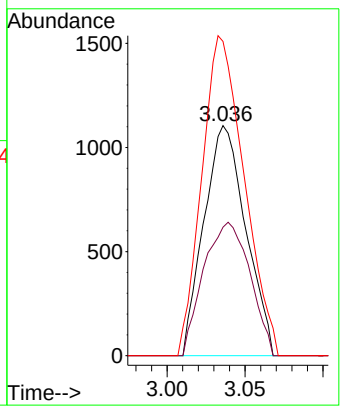


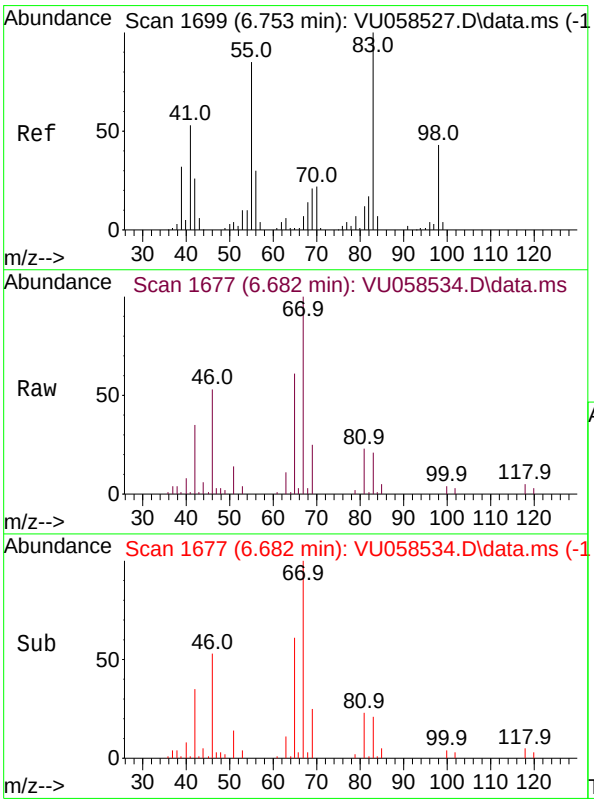

#16
Methylene chloride
Concen: 0.375 ug/L
RT: 3.036 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU058534.D
Acq: 09 Apr 2024 23:30

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

Tgt Ion: 84 Resp: 2062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 55.8 | 44.3 | 82.3 |
| 49 | 136.6 | 96.0 | 178.2 |

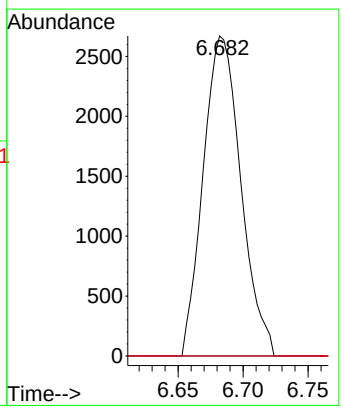


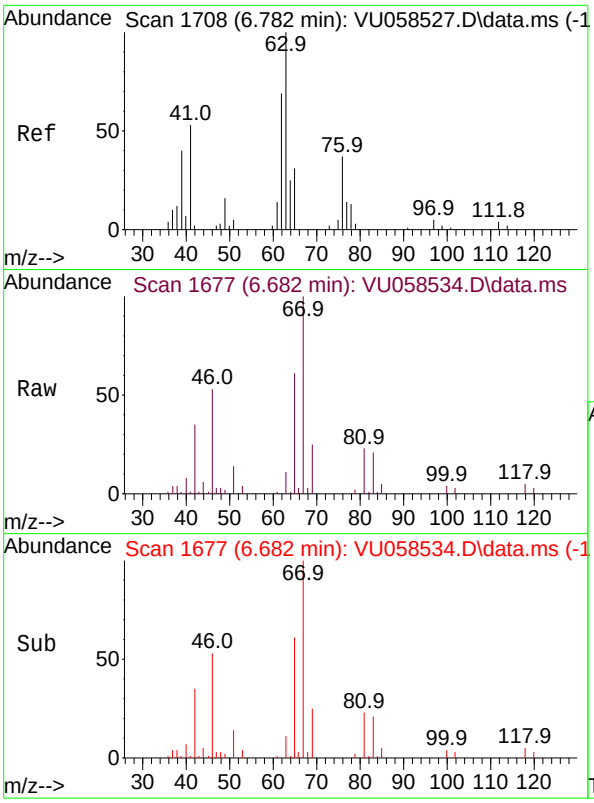




#35
Methylcyclohexane
Concen: 0.694 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU058534.D
Acq: 09 Apr 2024 23:30

Tgt Ion: 83 Resp: 5384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 66.2 | 99.4# |
| 98 | 0.0 | 34.6 | 52.0# |



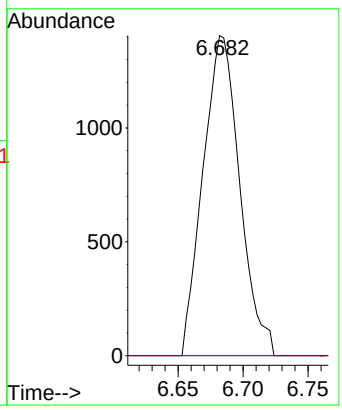


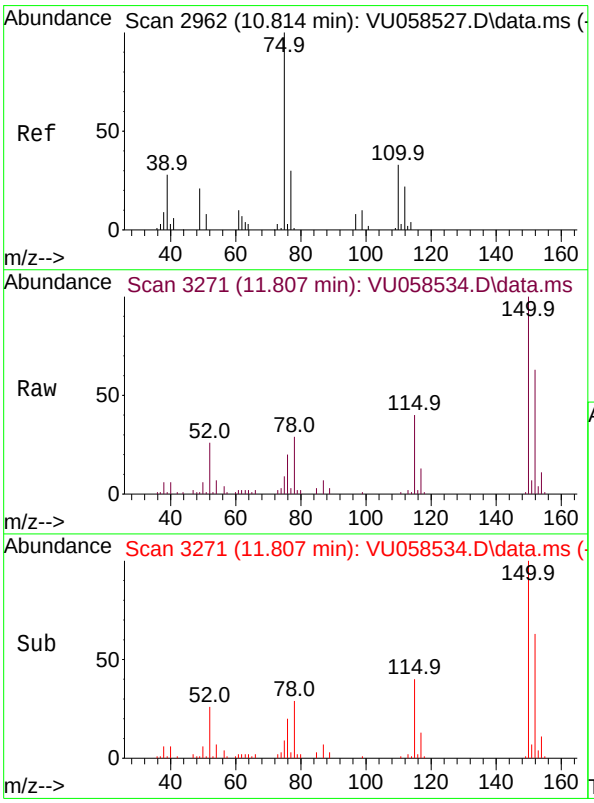

#37
1,2-Dichloropropane
Concen: 0.515 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058534.D
Acq: 09 Apr 2024 23:30

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

Tgt Ion: 63 Resp: 2765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 2.6 | 4.0# |




#61
1,2,3-Trichloropropane
Concen: 1.359 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.993 min
Lab File: VU058534.D
Acq: 09 Apr 2024 23:30

Tgt Ion: 75 Resp: 3190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 0.0 | 25.8 | 38.6# |
| 77 | 30.5 | 25.1 | 37.7 |