Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060882.D
Acq On : 18 Sep 2024 20:02
Operator : MD/SY
Sample : P3952-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Sep 19 05:17:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 05:11:13 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.242 | 114 | 323075 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.409 | 117 | 333951 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.804 | 152 | 139723 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.595 | 65 | 64466 | 2.218 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 44.400% | | | |
| 7) Chloroethane-d5 | 1.911 | 69 | 65030 | 3.143 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 62.800%# | | | |
| 11) 1,1-Dichloroethene-d2 | 2.563 | 65 | 29057 | 2.821 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 56.400%# | | | |
| 20) 2-Butanone-d5 | 4.634 | 46 | 192323 | 41.227 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 82.460% | | | |
| 24) Chloroform-d | 5.052 | 84 | 158973 | 3.579 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 71.600% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.695 | 65 | 77781 | 3.663 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 73.200% | | | |
| 32) Benzene-d6 | 5.717 | 84 | 321106 | 3.587 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 71.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.682 | 67 | 104217 | 3.763 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 75.200% | | | |
| 41) Toluene-d8 | 7.891 | 98 | 276837 | 3.392 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 67.800%# | | | |
| 43) trans-1,3-Dichloroprop... | 8.174 | 79 | 27716 | 2.780 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 55.600% | | | |
| 46) 2-Hexanone-d5 | 8.627 | 63 | 158960 | 40.424 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 80.840% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84 | 86151 | 3.971 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 79.400% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.187 | 152 | 105411 | 4.490 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 89.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 22) cis-1,2-Dichloroethene | 4.663 | 96 | 3785 | 0.162 | ug/L | 88 |
| 35) Methylcyclohexane | 6.682 | 83 | 23911 | 0.724 | ug/L # | 18 |
| 37) 1,2-Dichloropropane | 6.685 | 63 | 10793 | 0.427 | ug/L # | 93 |
| 61) 1,2,3-Trichloropropane | 11.804 | 75 | 14832 | 1.138 | 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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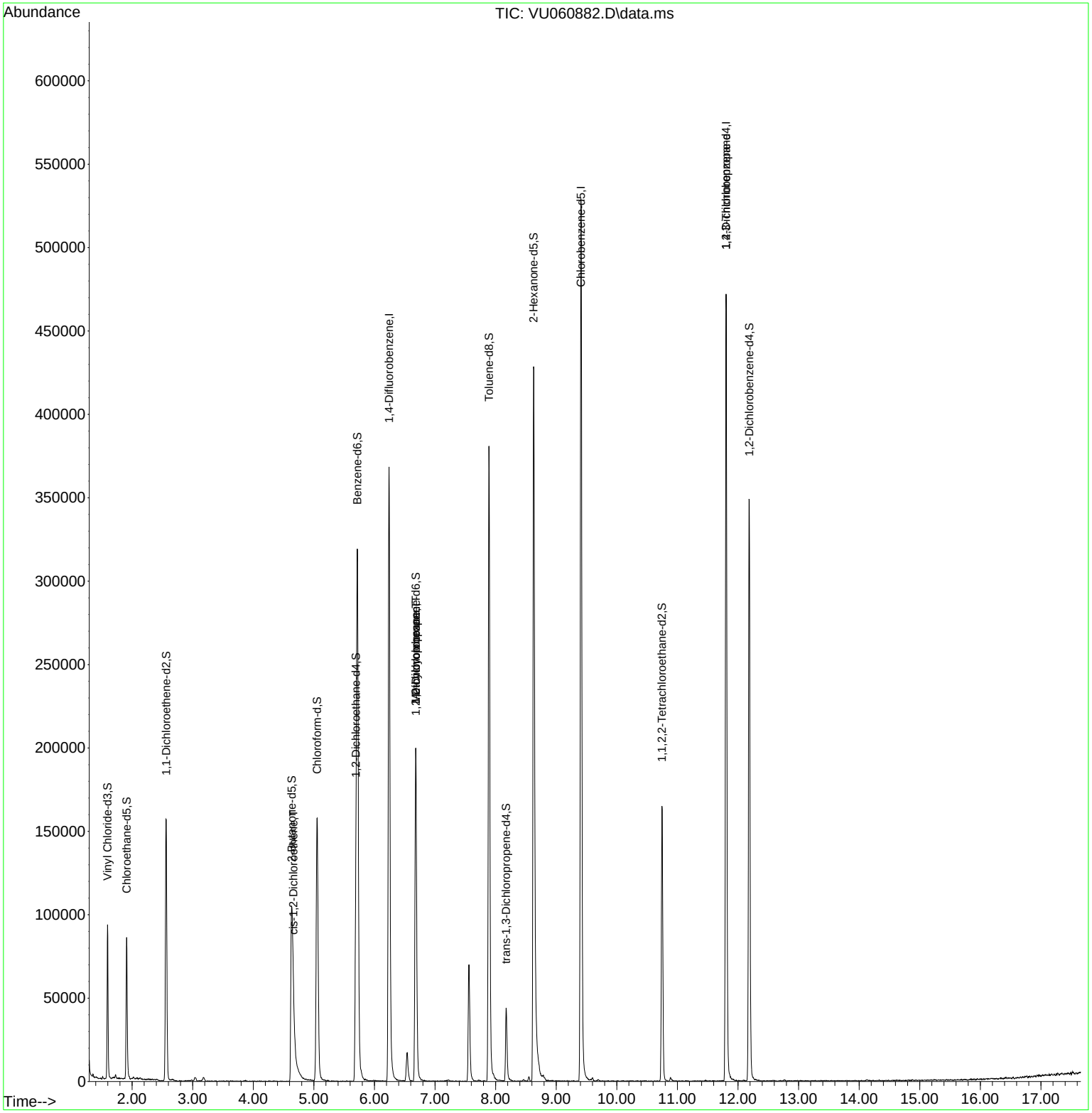
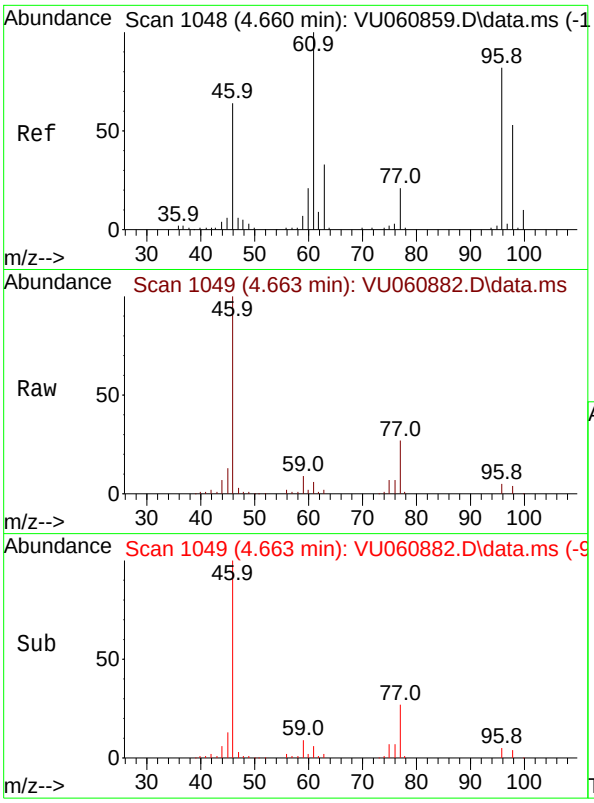


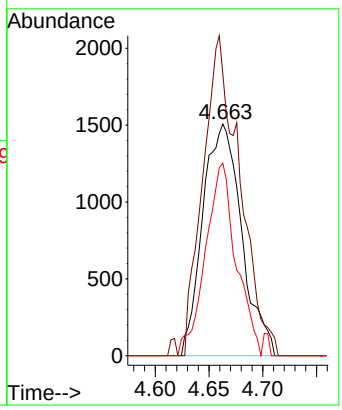


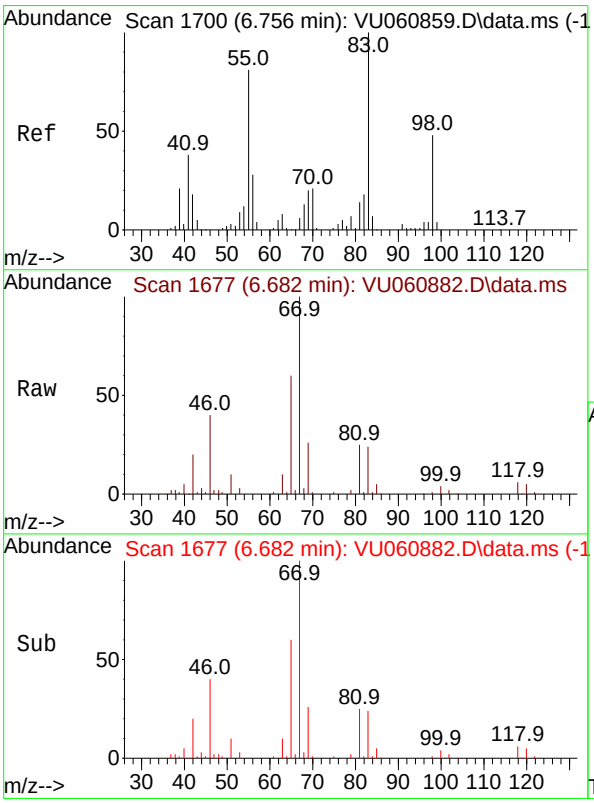

#22
cis-1,2-Dichloroethene
Concen: 0.162 ug/L
RT: 4.663 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060882.D
Acq: 18 Sep 2024 20:02

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

Tgt Ion: 96 Resp: 3785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 121.6 | 89.7 | 166.5 |
| 98 | 83.1 | 45.1 | 83.9 |

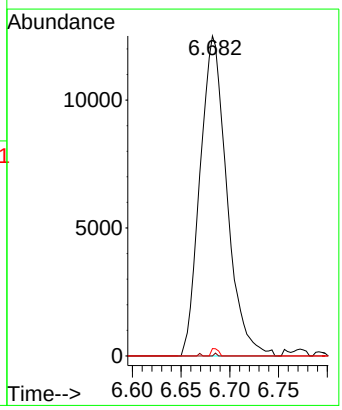


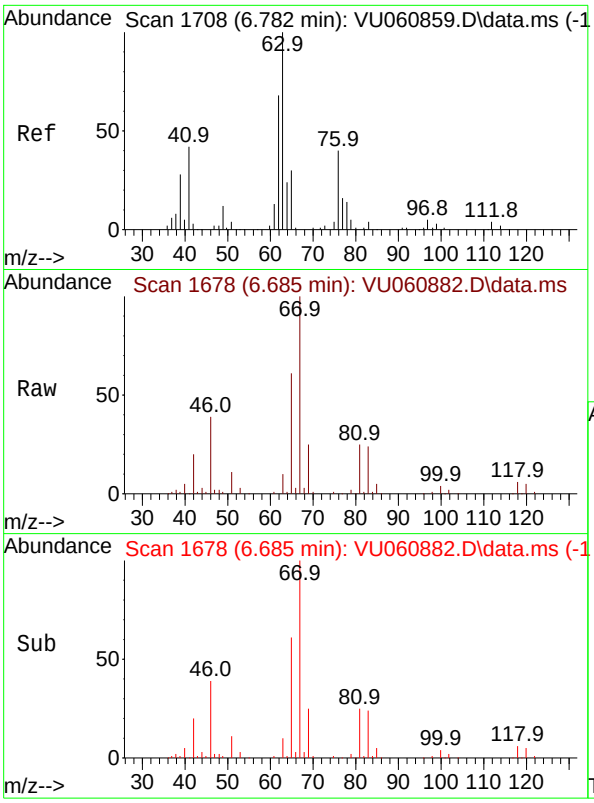




#35
Methylcyclohexane
Concen: 0.724 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060882.D
Acq: 18 Sep 2024 20:02

Tgt Ion: 83 Resp: 23911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.1 | 62.6 | 94.0# |
| 98 | 0.6 | 37.6 | 56.4# |



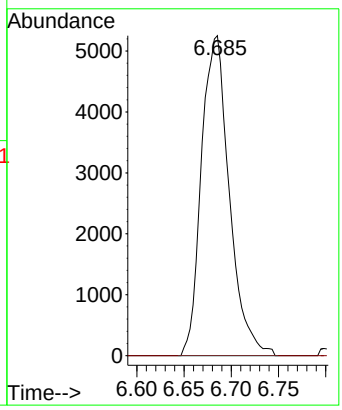


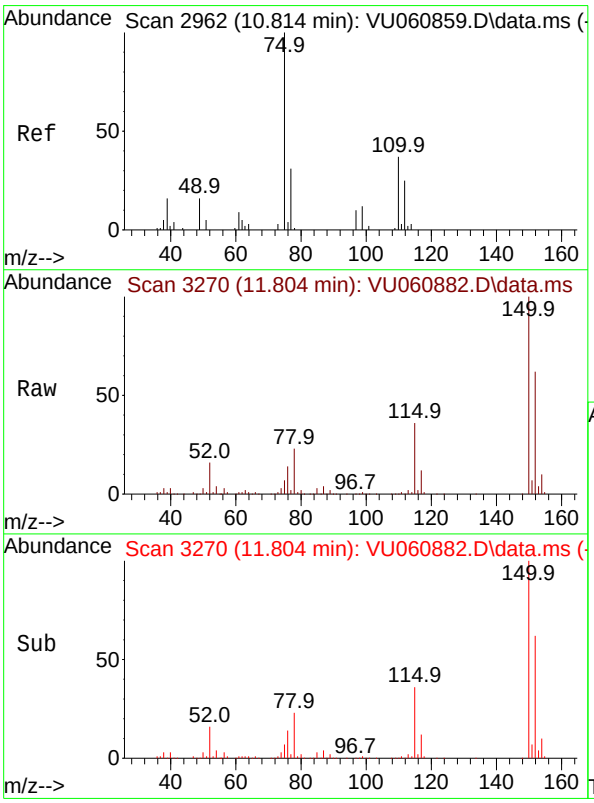

#37
1,2-Dichloropropane
Concen: 0.427 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU060882.D
Acq: 18 Sep 2024 20:02

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

Tgt Ion: 63 Resp: 10793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 2.0 | 3.0# |




#61
1,2,3-Trichloropropane
Concen: 1.138 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU060882.D
Acq: 18 Sep 2024 20:02

Tgt Ion: 75 Resp: 14832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 2.0 | 28.6 | 43.0# |
| 77 | 32.5 | 26.3 | 39.5 |