Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072924\
Data File : VU060248.D
Acq On : 29 Jul 2024 14:08
Operator : MD/SY
Sample : VIBLK
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jul 30 04:22:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 30 04:21:24 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.245 | 114 | 120635 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.412 | 117 | 128017 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.810 | 152 | 51232 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.595 | 65 | 47529 | 5.663 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 113.200% | | | |
| 7) Chloroethane-d5 | 1.911 | 69 | 41408 | 5.310 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 106.200% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.560 | 65 | 18244 | 5.567 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 111.400% | | | |
| 20) 2-Butanone-d5 | 4.627 | 46 | 93908 | 47.856 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 95.720% | | | |
| 24) Chloroform-d | 5.055 | 84 | 82244 | 4.662 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 93.200% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.695 | 65 | 40845 | 4.973 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 99.400% | | | |
| 32) Benzene-d6 | 5.721 | 84 | 162230 | 4.730 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 94.600% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.685 | 67 | 55740 | 5.100 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 102.000% | | | |
| 41) Toluene-d8 | 7.894 | 98 | 129591 | 4.182 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 83.600% | | | |
| 43) trans-1,3-Dichloroprop... | 8.177 | 79 | 15927 | 4.281 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 85.600% | | | |
| 46) 2-Hexanone-d5 | 8.630 | 63 | 64266 | 38.927 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 77.860% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84 | 44445 | 4.569 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 91.400% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.190 | 152 | 44634 | 4.827 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 96.600% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Methylene chloride | 3.039 | 84 | 11507 | 1.019 | ug/L | 93 |
| 35) Methylcyclohexane | 6.685 | 83 | 12339 | 0.839 | ug/L # | 22 |
| 37) 1,2-Dichloropropane | 6.682 | 63 | 5458 | 0.478 | ug/L # | 88 |
| 61) 1,2,3-Trichloropropane | 11.807 | 75 | 6032 | 1.117 | 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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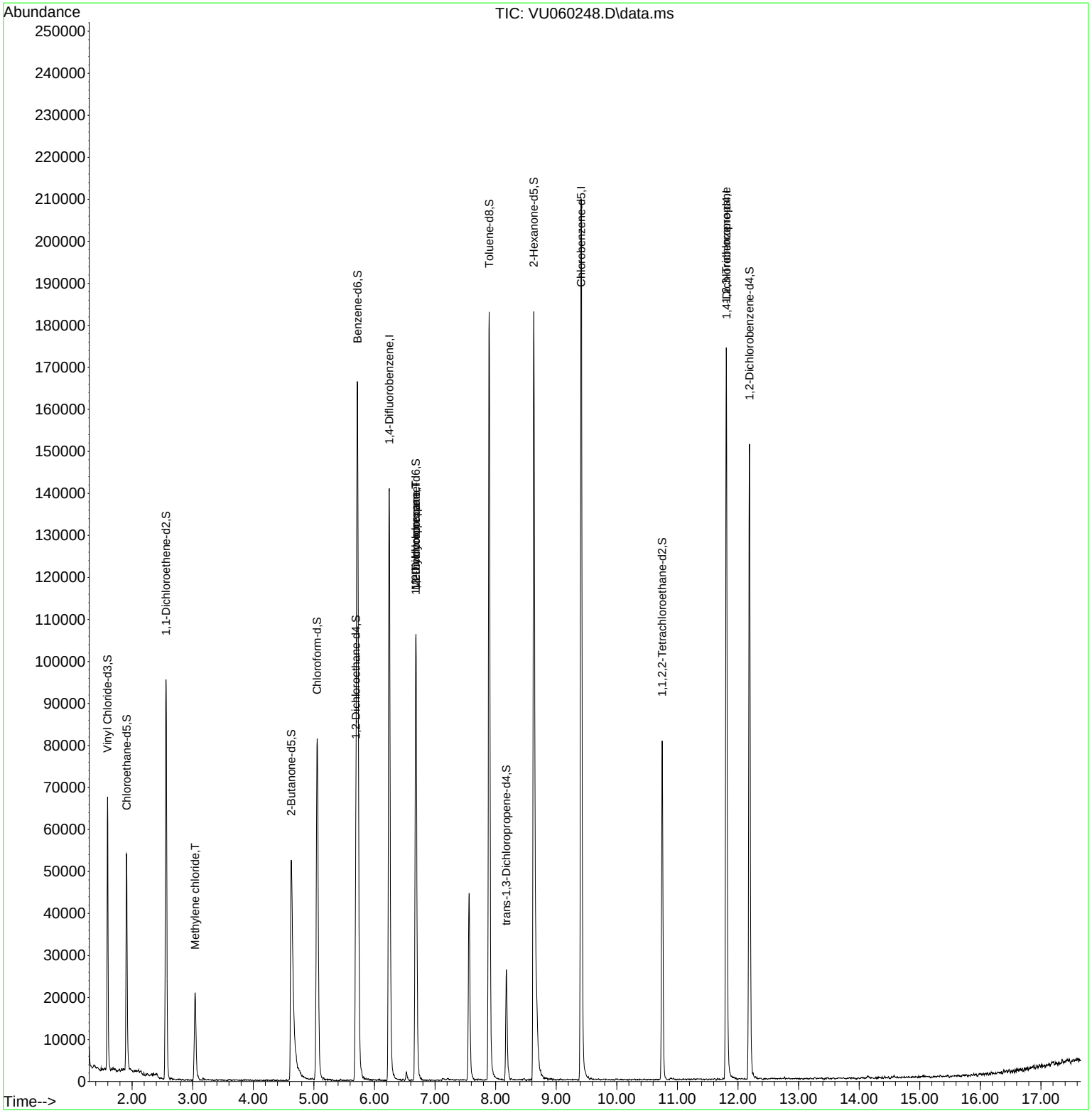
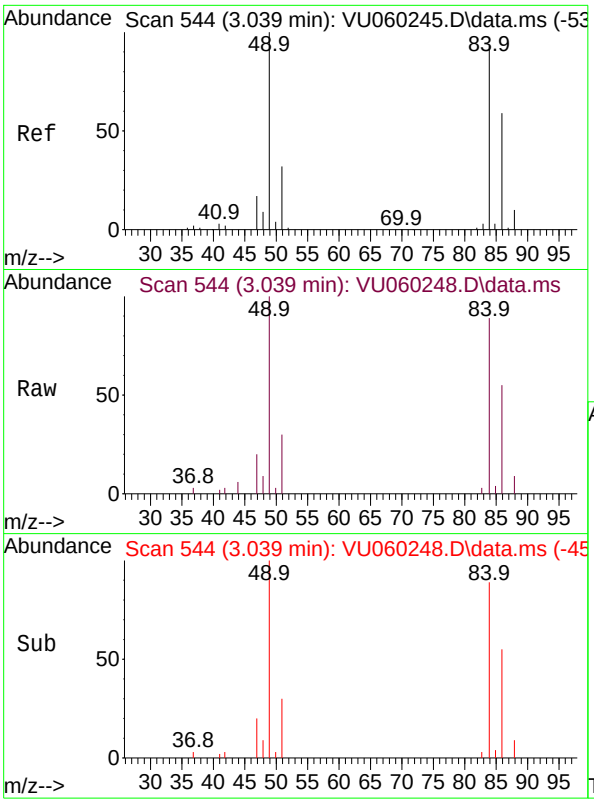


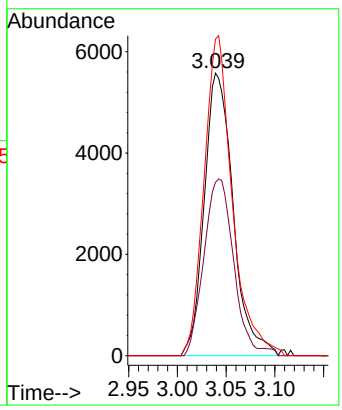


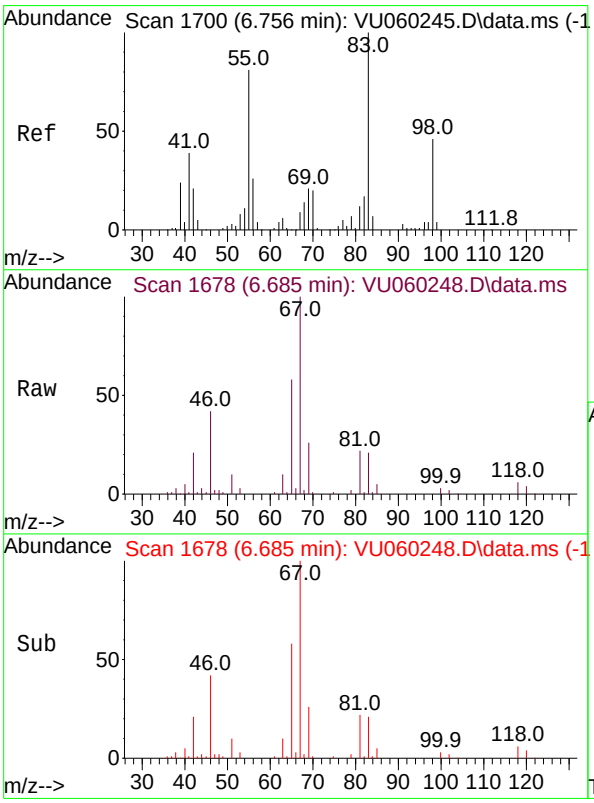

#16
Methylene chloride
Concen: 1.019 ug/L
RT: 3.039 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU060248.D
Acq: 29 Jul 2024 14:08

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

Tgt Ion: 84 Resp: 11507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 61.3 | 44.4 | 82.5 |
| 49 | 112.0 | 72.0 | 133.6 |

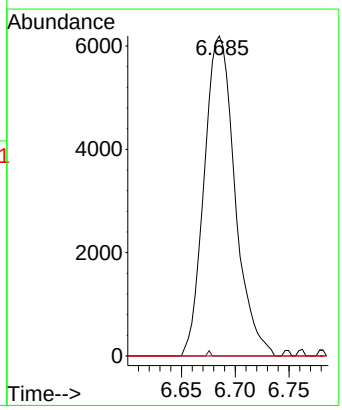


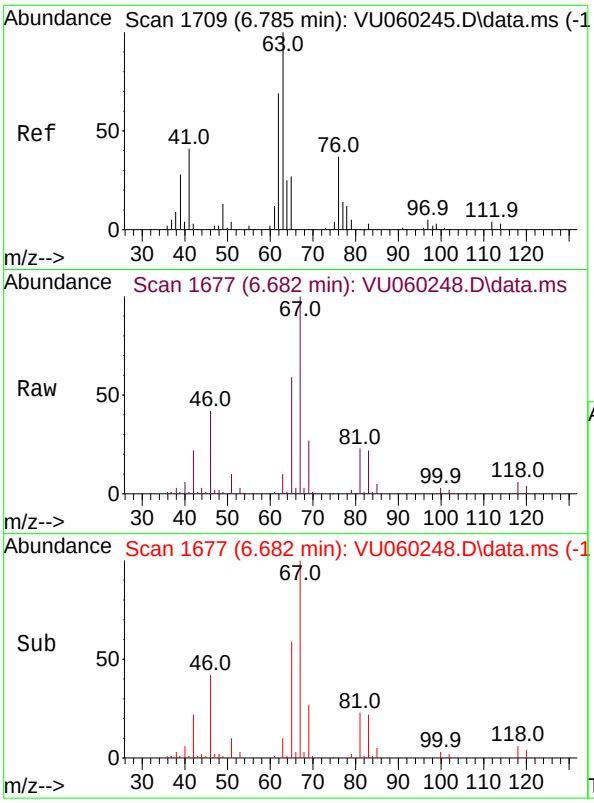




#35
Methylcyclohexane
Concen: 0.839 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU060248.D
Acq: 29 Jul 2024 14:08

Tgt Ion: 83 Resp: 12339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.2 | 56.7 | 85.1# |
| 98 | 2.4 | 36.6 | 55.0# |



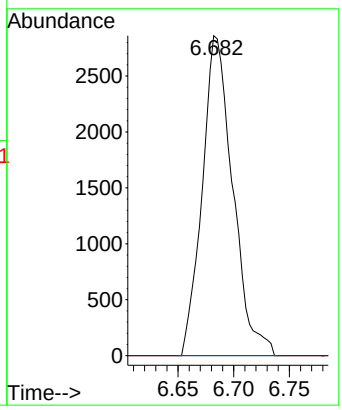


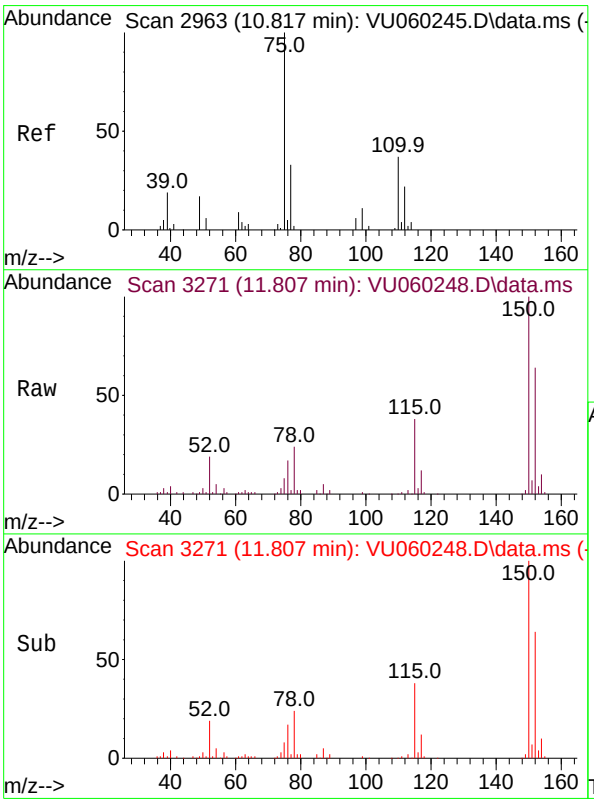

#37
1,2-Dichloropropane
Concen: 0.478 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU060248.D
Acq: 29 Jul 2024 14:08

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

Tgt Ion: 63 Resp: 5458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.3 | 4.9# |




#61
1,2,3-Trichloropropane
Concen: 1.117 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU060248.D
Acq: 29 Jul 2024 14:08

Tgt Ion: 75 Resp: 6032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 2.2 | 30.8 | 46.2# |
| 77 | 30.8 | 26.2 | 39.2 |