Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120723\
Data File : VU056687.D
Acq On : 07 Dec 2023 17:41
Operator : MD/SY
Sample : 05687-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Dec 08 02:04:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 07 04:51:32 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.245 | 114 | 234191 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.412 | 117 | 239673 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.807 | 152 | 106677 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.595 | 65 | 55221 | 3.152 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 63.000% | | | |
| 7) Chloroethane-d5 | 1.907 | 69 | 48109 | 3.582 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 71.600% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.563 | 65 | 28127 | 3.638 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 72.800% | | | |
| 20) 2-Butanone-d5 | 4.618 | 46 | 204472 | 58.540 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 117.080% | | | |
| 24) Chloroform-d | 5.055 | 84 | 146919 | 4.336 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 86.800% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.695 | 65 | 73460 | 4.692 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 93.800% | | | |
| 32) Benzene-d6 | 5.721 | 84 | 264410 | 3.703 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 74.000% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.685 | 67 | 91105 | 4.233 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 84.600% | | | |
| 41) Toluene-d8 | 7.894 | 98 | 214844 | 3.407 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 68.200%# | | | |
| 43) trans-1,3-Dichloroprop... | 8.177 | 79 | 30128 | 3.650 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 73.000% | | | |
| 46) 2-Hexanone-d5 | 8.631 | 63 | 145607 | 44.890 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 89.780% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84 | 73358 | 4.770 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 95.400% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.190 | 152 | 79305 | 4.024 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 80.400% | | | |
| Target Compounds | | | | | | Qvalue |
| 35) Methylcyclohexane | 6.685 | 83 | 21525 | 0.800 | ug/L # | 18 |
| 37) 1,2-Dichloropropane | 6.679 | 63 | 9869 | 0.553 | ug/L # | 88 |
| 48) 2-Hexanone | 8.682 | 43 | 6127 | 0.890 | ug/L # | 79 |
| 61) 1,2,3-Trichloropropane | 11.807 | 75 | 12779 | 1.396 | ug/L # | 69 |

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

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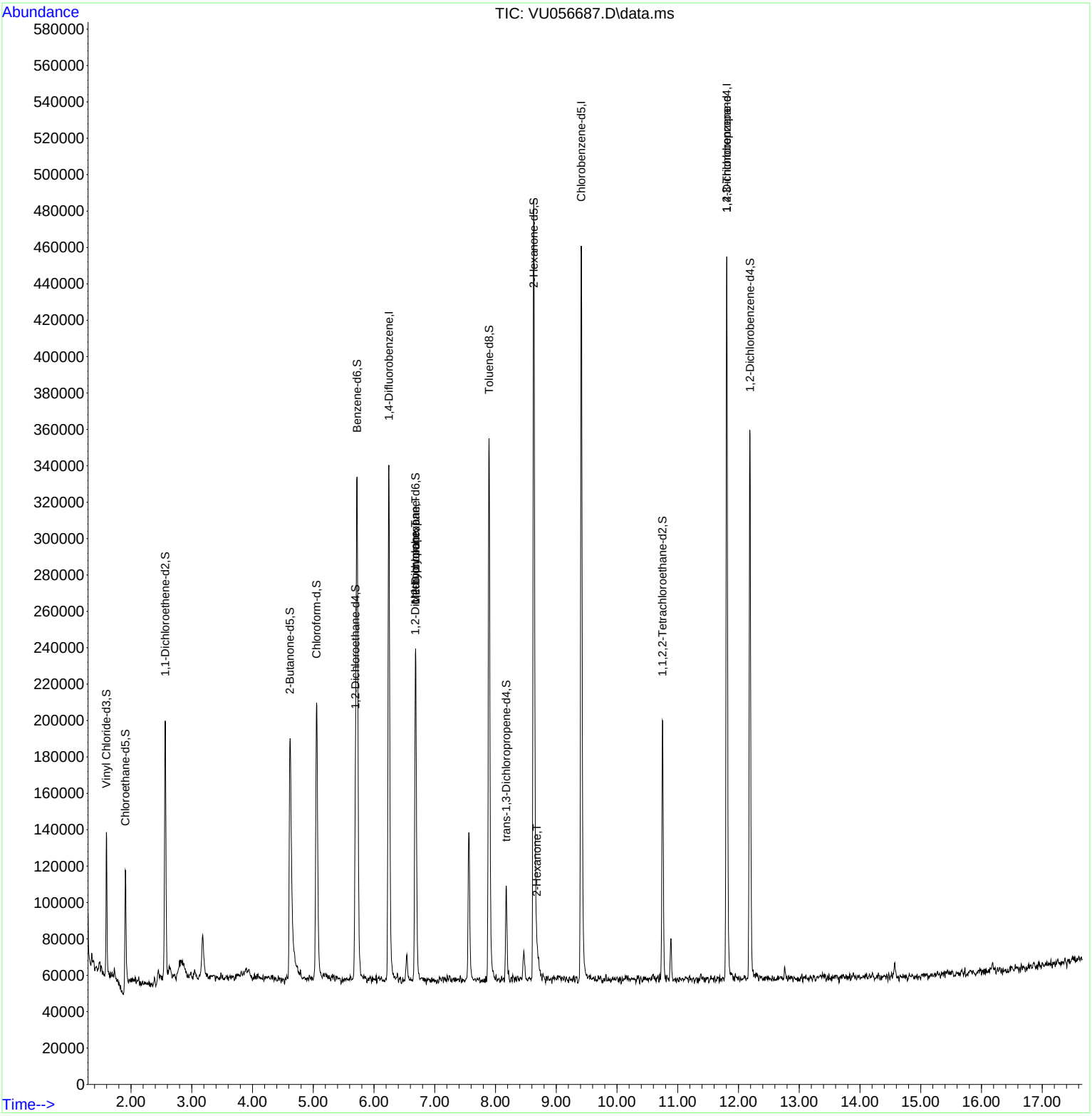
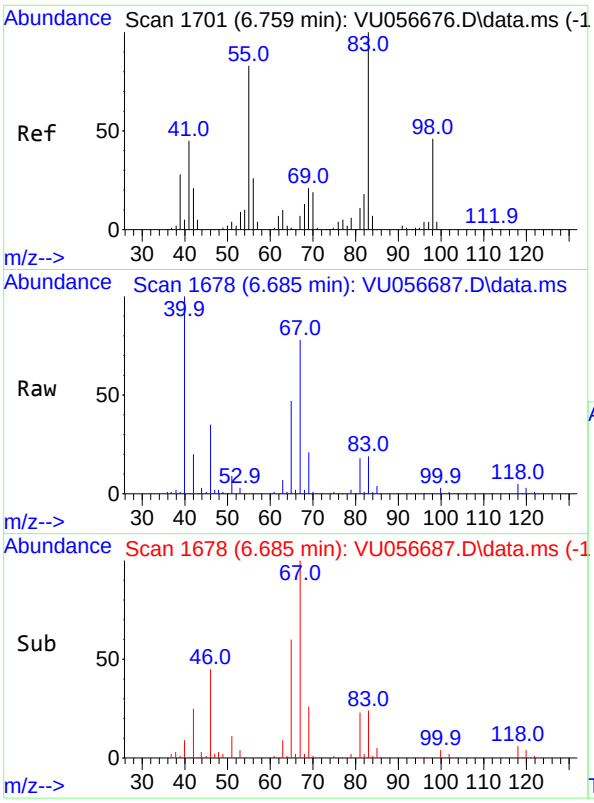


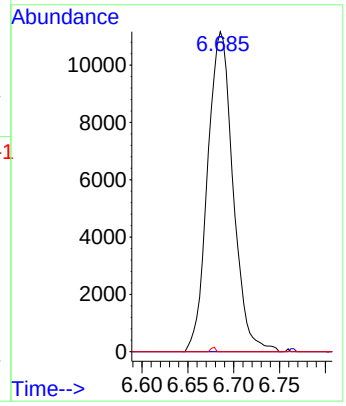


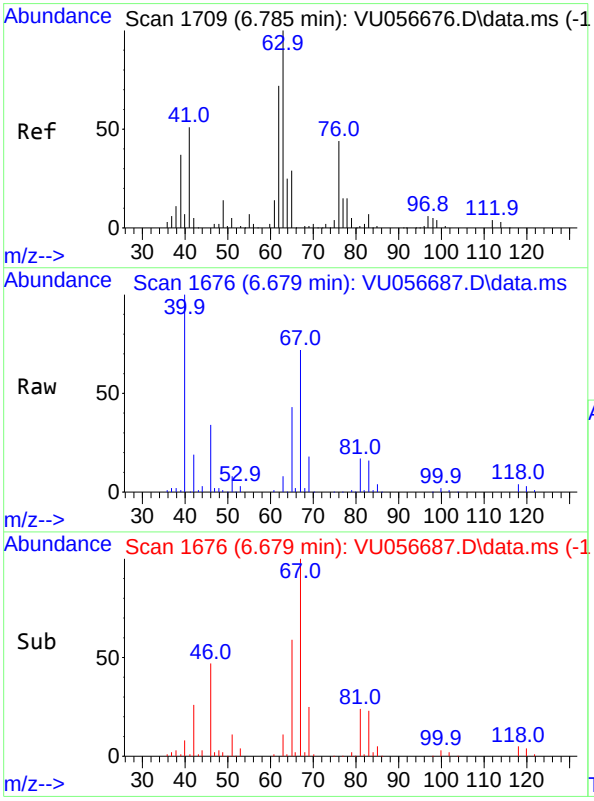

#35
Methylcyclohexane
Concen: 0.800 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU056687.D
Acq: 07 Dec 2023 17:41

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

Tgt Ion: 83 Resp: 21525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.2 | 62.9 | 94.3# |
| 98 | 0.2 | 35.3 | 52.9# |

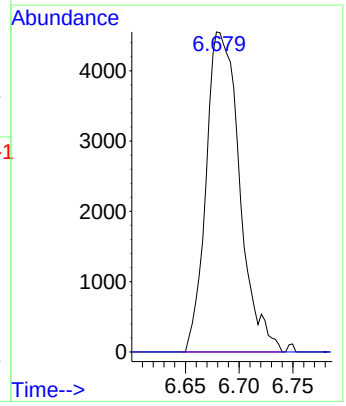


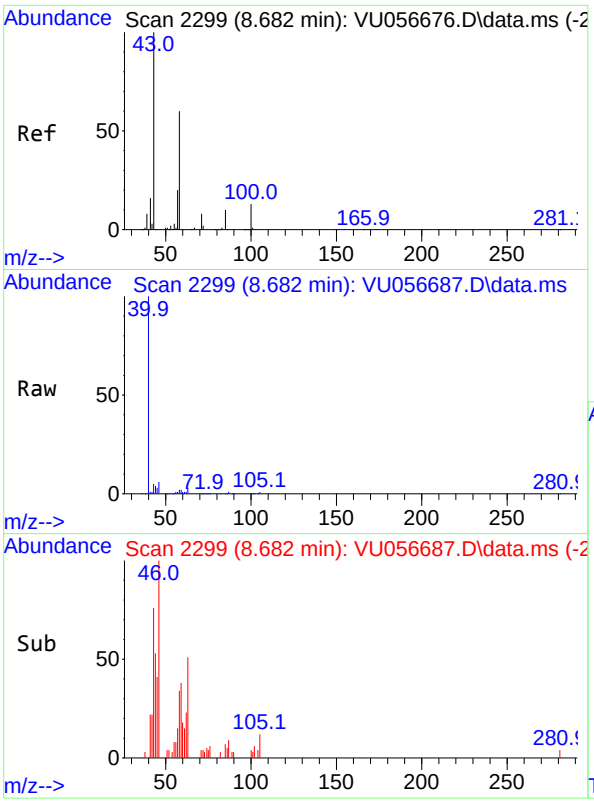




#37
1,2-Dichloropropane
Concen: 0.553 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.106 min
Lab File: VU056687.D
Acq: 07 Dec 2023 17:41

Tgt Ion: 63 Resp: 9869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.2 | 4.8# |



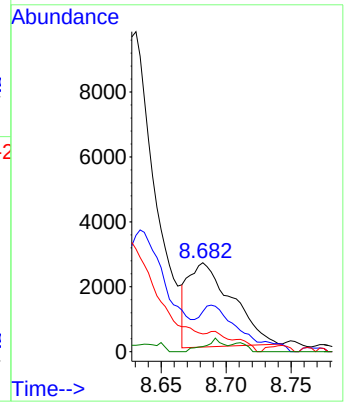


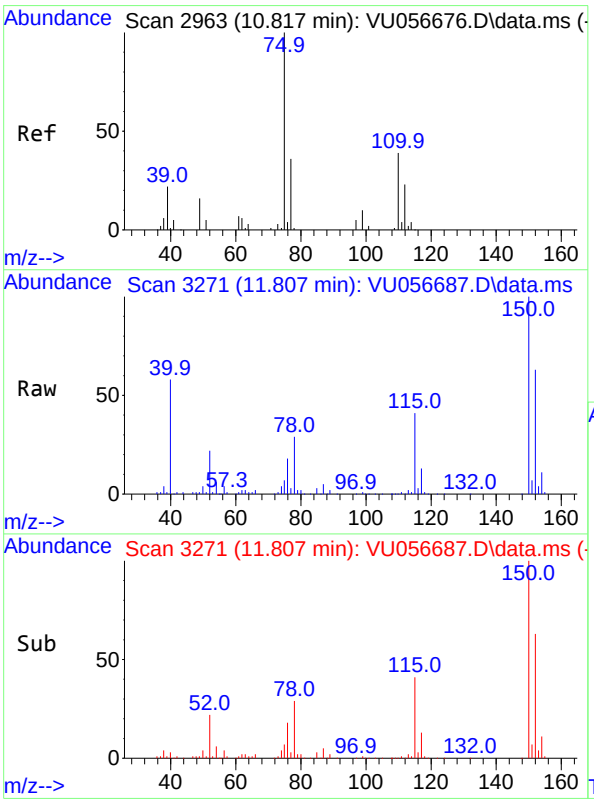

#48
2-Hexanone
Concen: 0.890 ug/L
RT: 8.682 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU056687.D
Acq: 07 Dec 2023 17:41

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

Tgt Ion: 43 Resp: 6127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 49.6 | 48.7 | 73.1 |
| 57 | 0.0 | 16.8 | 25.2# |
| 100 | 6.5 | 9.9 | 14.9# |




#61
1,2,3-Trichloropropane
Concen: 1.396 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056687.D
Acq: 07 Dec 2023 17:41

Tgt Ion: 75 Resp: 12779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 2.9 | 30.4 | 45.6# |
| 77 | 33.2 | 27.0 | 40.6 |