Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011720\
Data File : VU036509.D
Acq On : 17 Jan 2020 11:10
Operator : JC/MD
Sample : VU0117MBL01
Misc : 5.00G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VBLK44

Quant Time: Jan 17 14:07:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 17 14:05:23 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.29 | 114 | 511427 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.45 | 117 | 482141 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152 | 201595 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 154231 | 46.51 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 93.02% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 139403 | 48.57 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 97.14% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.59 | 63 | 228085 | 35.82 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 71.64% | | | |
| 21) 2-Butanone-d5 | 4.68 | 46 | 303379 | 106.42 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 106.42% | | | |
| 24) Chloroform-d | 5.11 | 84 | 332936 | 50.44 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 100.88% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.75 | 65 | 227845 | 51.92 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 103.84% | | | |
| 32) Benzene-d6 | 5.77 | 84 | 642476 | 50.95 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 101.90% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.73 | 67 | 209405 | 51.06 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 102.12% | | | |
| 41) Toluene-d8 | 7.93 | 98 | 591704 | 49.61 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 99.22% | | | |
| 43) trans-1,3-Dichloropropene- | 8.21 | 79 | 107007 | 48.44 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 96.88% | | | |
| 47) 2-Hexanone-d5 | 8.67 | 63 | 221575 | 105.44 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 105.44% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78 | 84 | 314625 | 51.01 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 102.02% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.21 | 152 | 210023 | 52.89 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 105.78% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 39) cis-1,3-Dichloropropene | 7.60 | 75 | 7709 | 1.30 | ug/L # | 57 |
| 44) trans-1,3-Dichloropropene | 8.21 | 75 | 5378 | 0.98 | ug/L # | 68 |
| 48) 2-Hexanone | 8.67 | 43 | 26147 | 5.60 | ug/L # | 70 |

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

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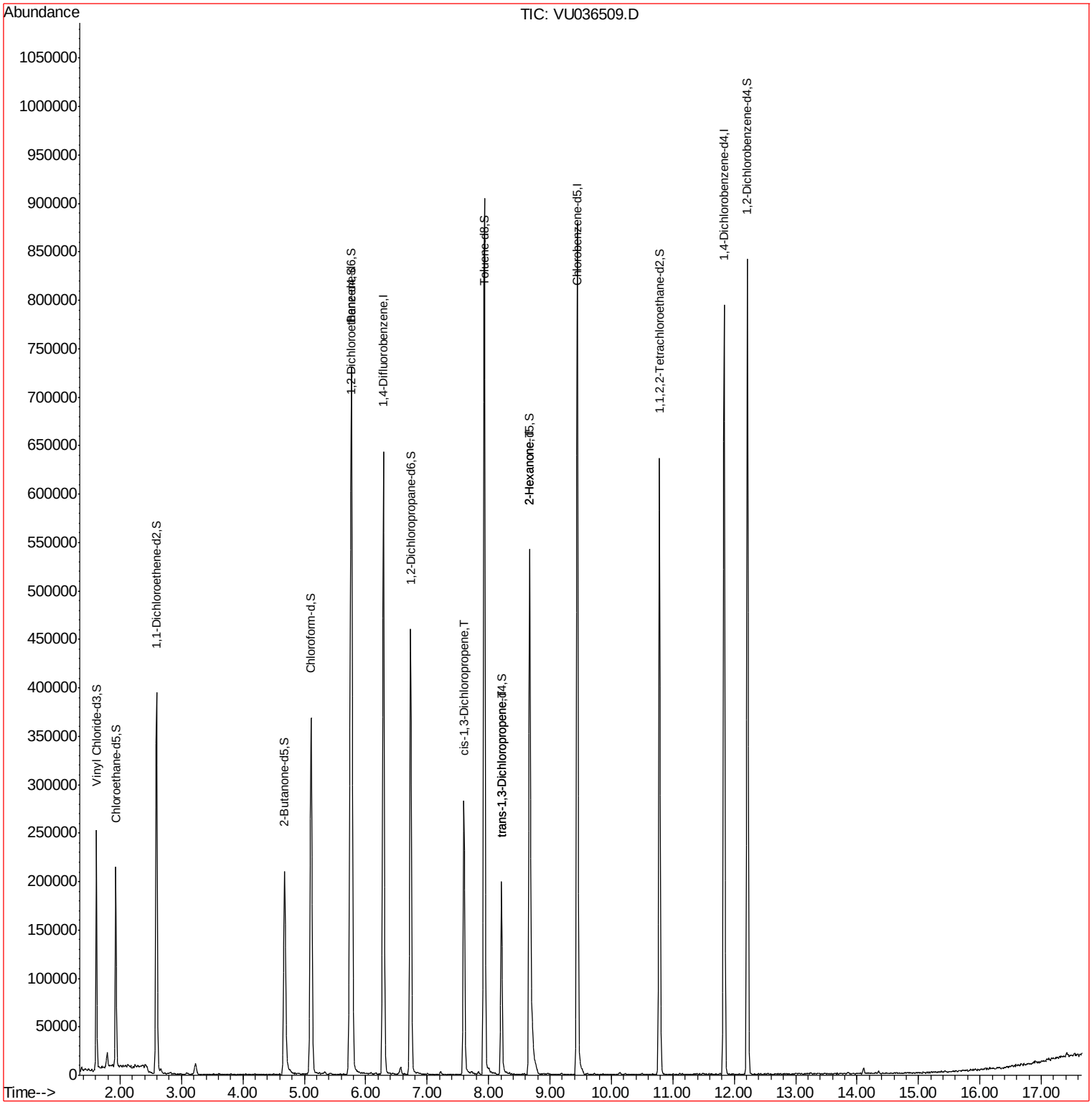
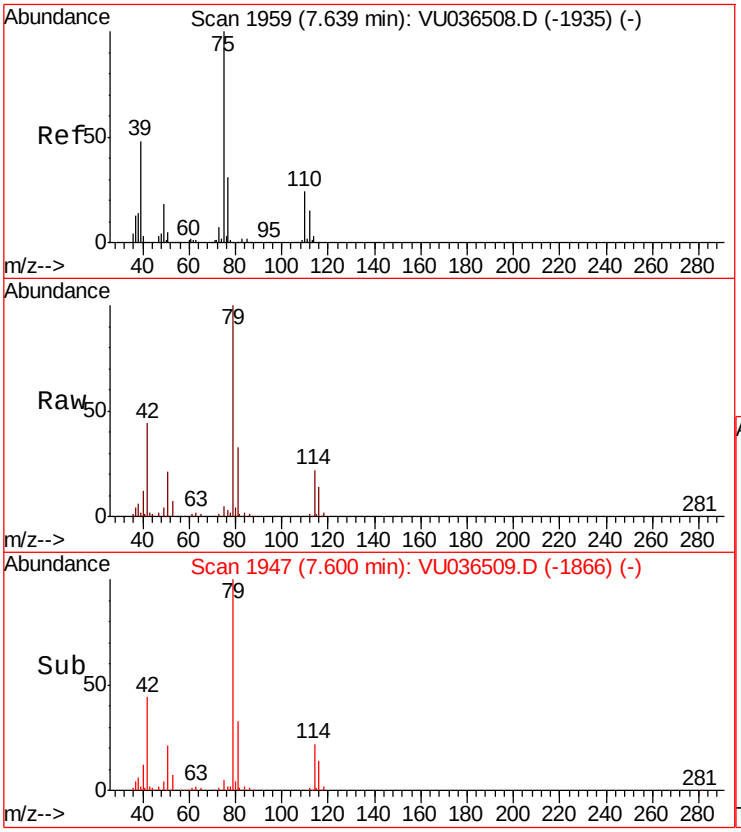
Operator : JC/MD
Sample : VU0117MBL01
Misc : 5.00G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
VBLK44

Quant Time: Jan 17 14:07:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 17 14:05:23 2020
Response via : Initial Calibration



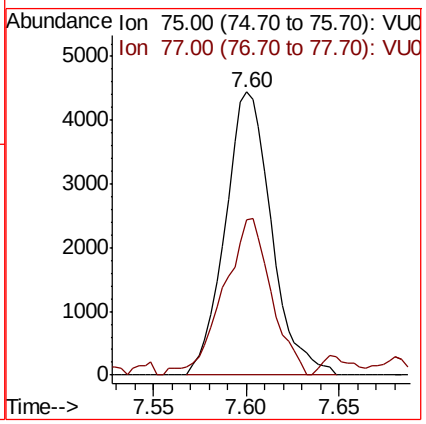


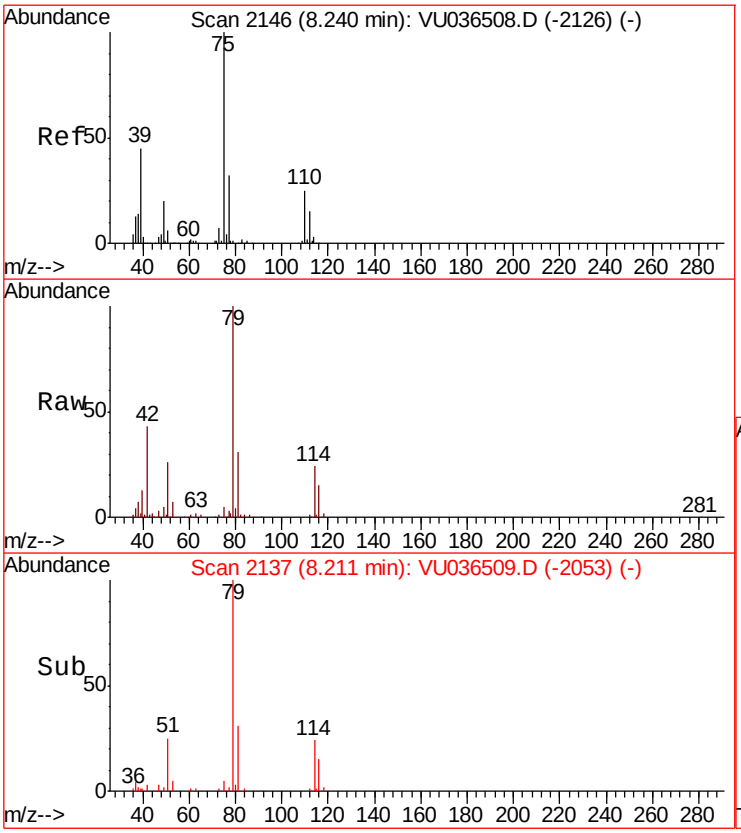

#39
cis-1,3-Dichloropropene
Concen: 1.30 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU036509.D
Acq: 17 Jan 2020 11:10

**Instrument :**
MSVOA_U
**ClientSampleId :**
VBLK44

Tgt Ion: 75 Resp: 7709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 54.9 | 21.8 | 40.4# |

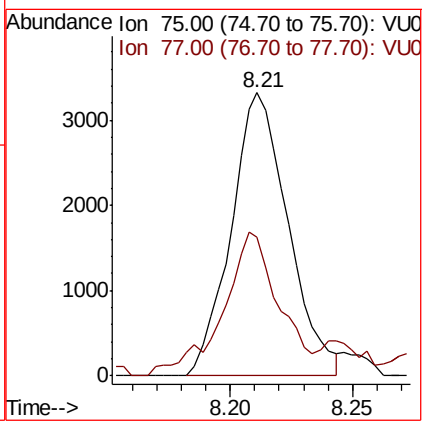


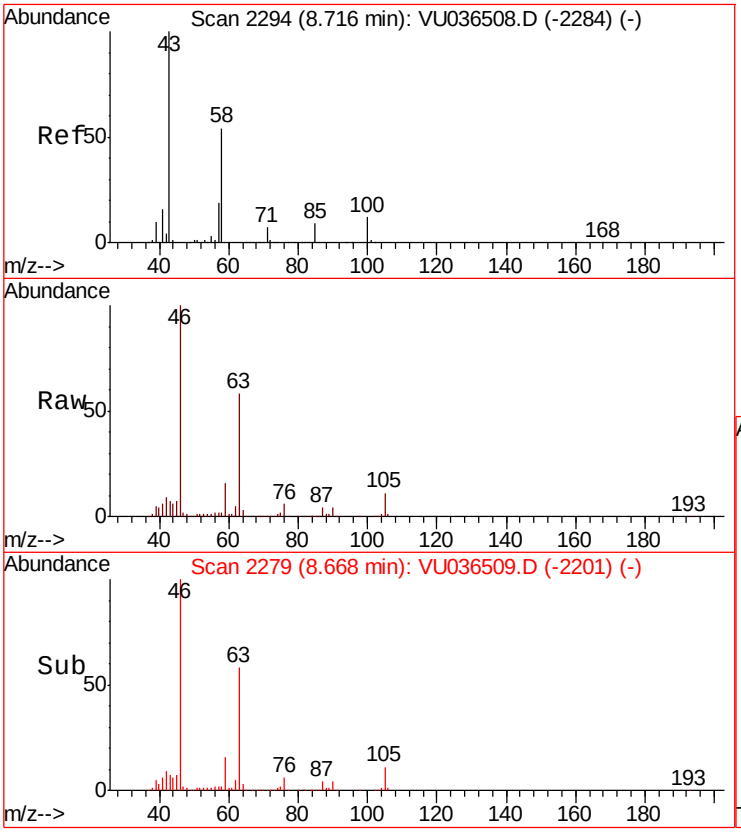




#44
trans-1,3-Dichloropropene
Concen: 0.98 ug/L
RT: 8.21 min Scan# 2137
Delta R.T. -0.03 min
Lab File: VU036509.D
Acq: 17 Jan 2020 11:10

Tgt Ion: 75 Resp: 5378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 48.9 | 21.8 | 40.4# |






#48
2-Hexanone
Concen: 5.60 ug/L
RT: 8.67 min Scan# 2279
Delta R.T. -0.05 min
Lab File: VU036509.D
Acq: 17 Jan 2020 11:10

**Instrument :**
MSVOA_U
**ClientSampleId :**
VBLK44

Tgt Ion: 43 Resp: 26147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.0 | 43.7 | 65.5# |
| 57 | 21.3 | 14.7 | 22.1 |
| 100 | 0.0 | 9.4 | 14.0# |