Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091819\

Quantitation Report (Not Reviewed)

Data File : VU034630.D
Acq On : 17 Sep 2019 21:41
Operator : JC/SP
Sample : K4865-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0MK6

Quant Time: Sep 18 08:08:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 08:05:17 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.86 | 114 | 98089 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.07 | 117 | 94686 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.46 | 152 | 40666 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.39 | 65 | 38929 | 4.99 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 99.80% | | | |
| 7) Chloroethane-d5 | 1.67 | 69 | 31398 | 4.96 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 99.20% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.26 | 63 | 55912 | 4.06 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 81.20% | | | |
| 20) 2-Butanone-d5 | 4.18 | 46 | 101681 | 53.00 | ug/L | 0.01 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 106.00% | | | |
| 24) Chloroform-d | 4.62 | 84 | 59843 | 5.03 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 100.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.29 | 65 | 35523 | 5.24 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 104.80% | | | |
| 32) Benzene-d6 | 5.32 | 84 | 128064 | 5.08 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 101.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.31 | 67 | 42754 | 5.03 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 100.60% | | | |
| 41) Toluene-d8 | 7.54 | 98 | 114974 | 4.83 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 96.60% | | | |
| 43) trans-1,3-Dichloropropene- | 7.83 | 79 | 15573 | 4.53 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 90.60% | | | |
| 46) 2-Hexanone-d5 | 8.30 | 63 | 77883 | 50.87 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 101.74% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41 | 84 | 32333 | 4.90 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 98.00% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.84 | 152 | 34626 | 4.94 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 98.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 8) Chloroethane | 1.71 | 64 | 630 | 0.147 | ug/L # | 51 |
| 12) 1,1-Dichloroethene | 2.26 | 96 | 663 | 0.137 | ug/L # | 1 |
| 13) Acetone | 2.32 | 43 | 1717 | 1.158 | ug/L | 85 |
| 35) Methylcyclohexane | 6.31 | 83 | 9264 | 0.899 | ug/L # | 16 |
| 37) 1,2-Dichloropropane | 6.31 | 63 | 5134 | 0.649 | ug/L # | 92 |
| 39) cis-1,3-Dichloropropene | 7.21 | 75 | 1593 | 0.143 | ug/L # | 78 |
| 59) 1,2,3-Trichloropropane | 11.46 | 75 | 7390 | 1.431 | ug/L | 97 |

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

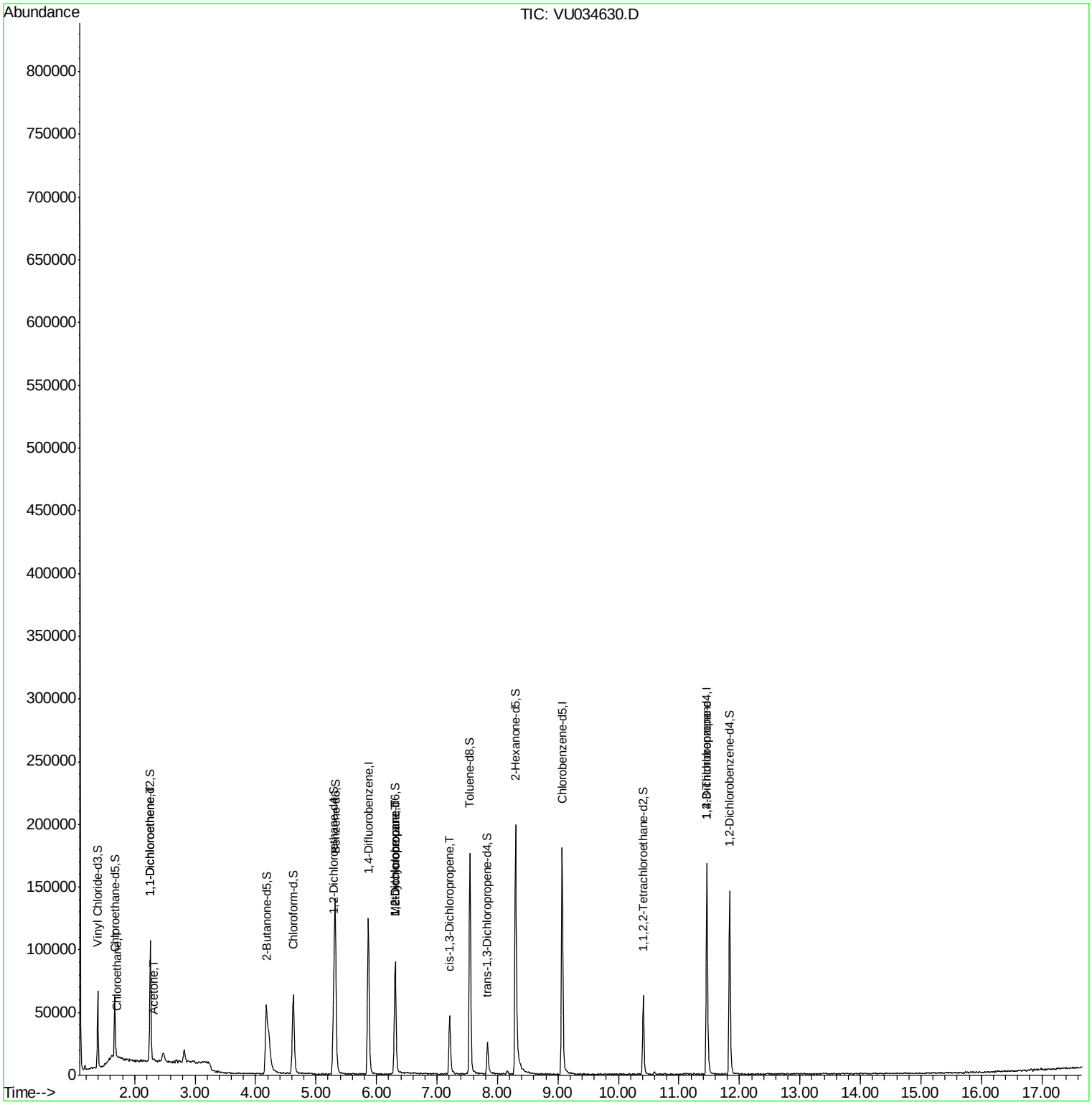
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091819\

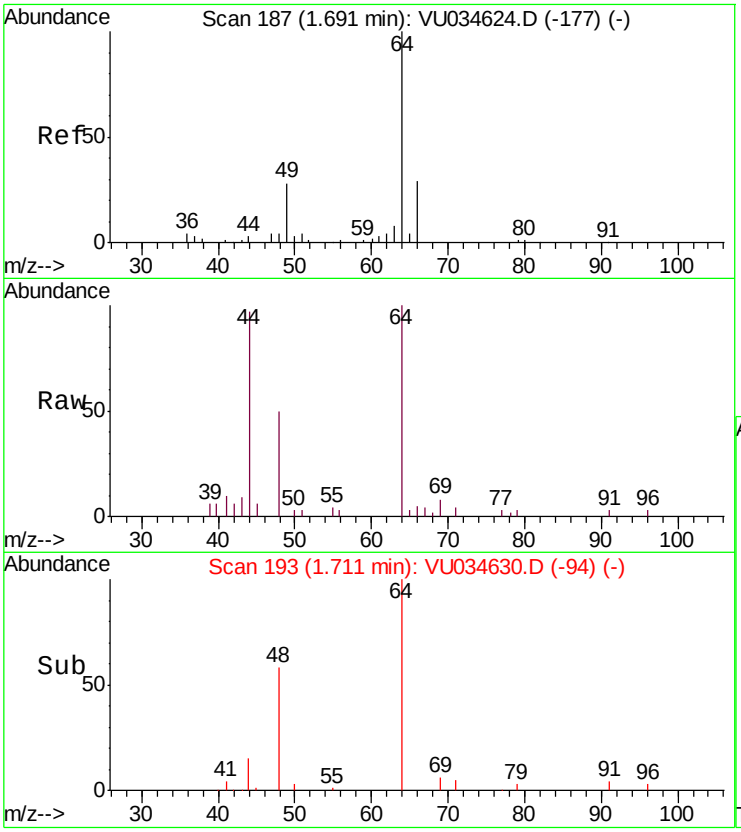
Quantitation Report (Not Reviewed)

Data File : VU034630.D
Acq On : 17 Sep 2019 21:41
Operator : JC/SP
Sample : K4865-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0MK6

Quant Time: Sep 18 08:08:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 08:05:17 2019
Response via : Initial Calibration



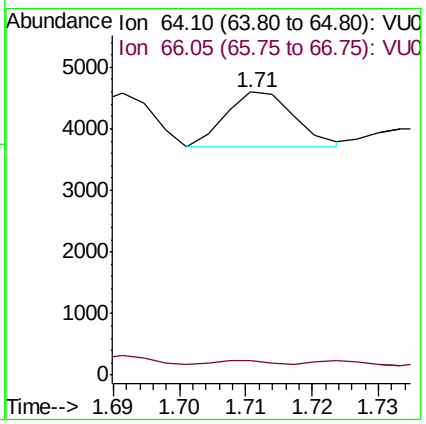


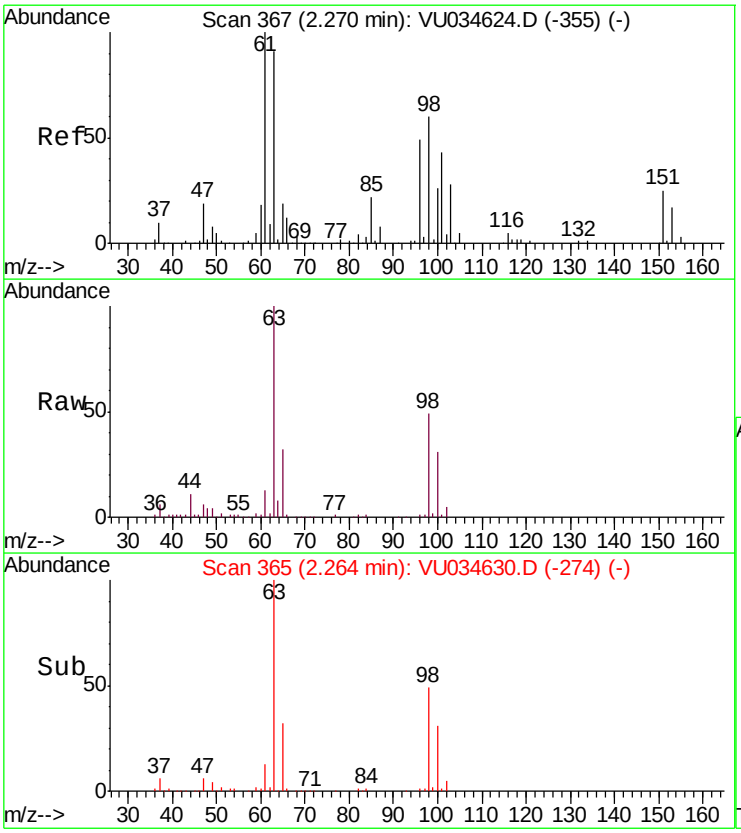

#8
Chloroethane
Concen: 0.147 ug/L
RT: 1.71 min Scan# 193
Delta R.T. 0.02 min
Lab File: VU034630.D
Acq: 17 Sep 2019 21:41

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0MK6

Tgt Ion: 64 Resp: 630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 5.0 | 22.6 | 42.0# |

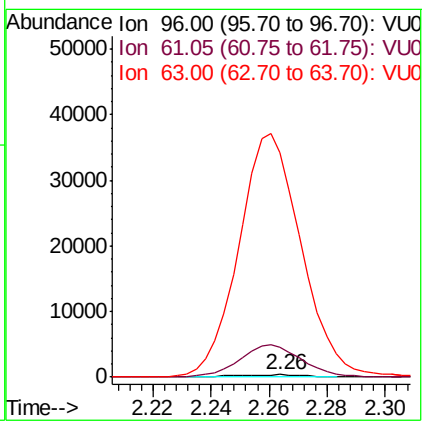


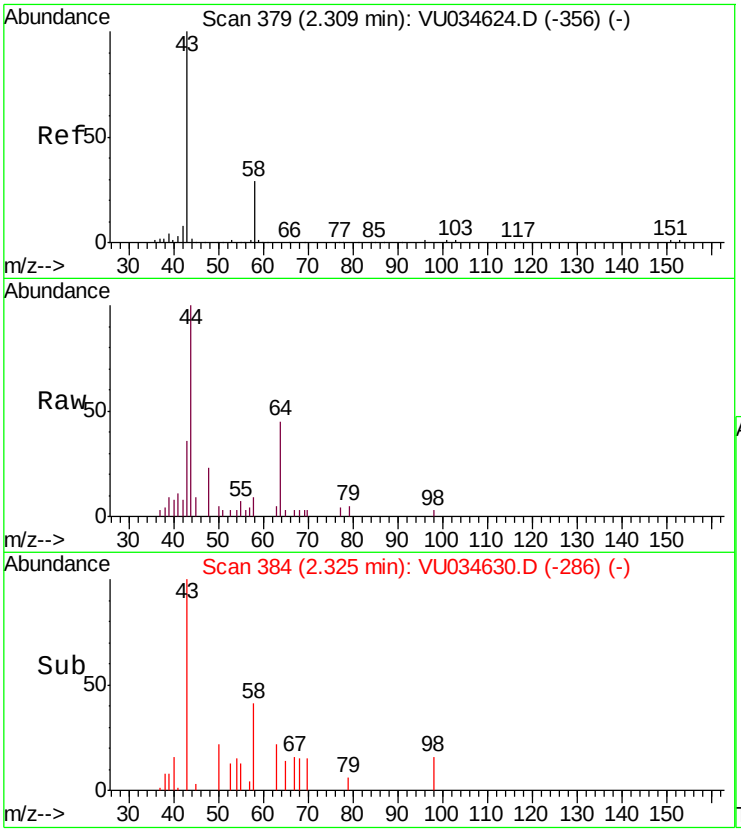




#12
1,1-Dichloroethene
Concen: 0.137 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.01 min
Lab File: VU034630.D
Acq: 17 Sep 2019 21:41

Tgt Ion: 96 Resp: 663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1166.1 | 144.4 | 268.2# |
| 63 | 8820.7 | 111.5 | 207.1# |



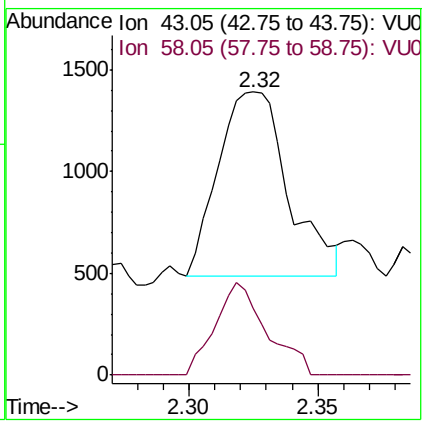


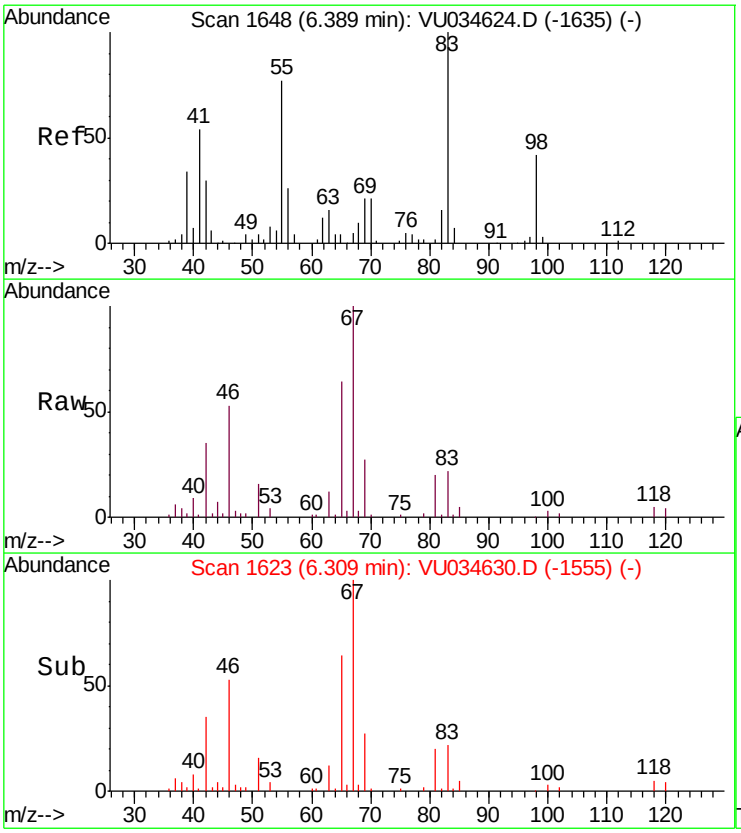

#13
Acetone
Concen: 1.158 ug/L
RT: 2.32 min Scan# 384
Delta R.T. 0.02 min
Lab File: VU034630.D
Acq: 17 Sep 2019 21:41

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0MK6

Tgt Ion: 43 Resp: 1717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.9 | 0.0 | 57.8 |

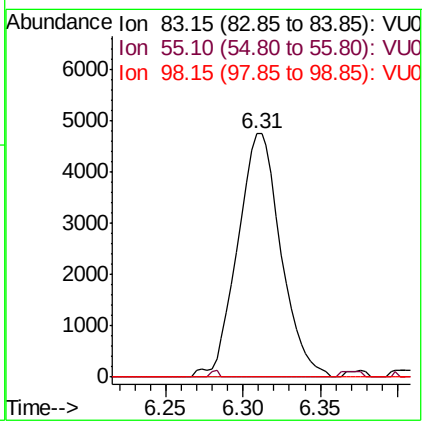


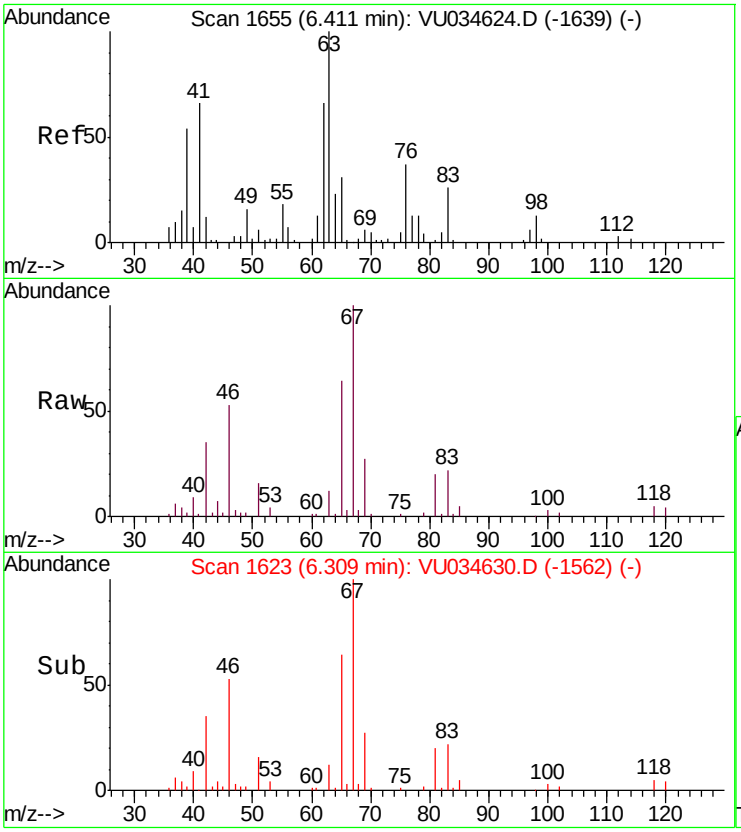




#35
Methylcyclohexane
Concen: 0.899 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034630.D
Acq: 17 Sep 2019 21:41

Tgt Ion: 83 Resp: 9264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.5 | 66.8 | 100.2# |
| 98 | 0.0 | 35.4 | 53.0# |



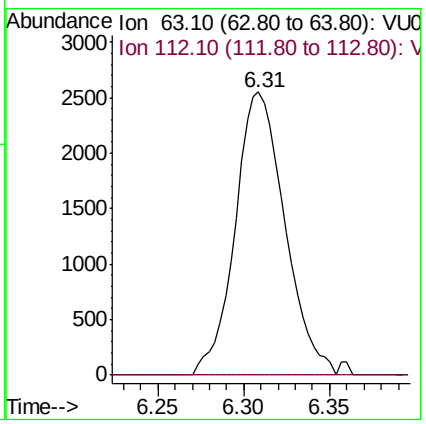


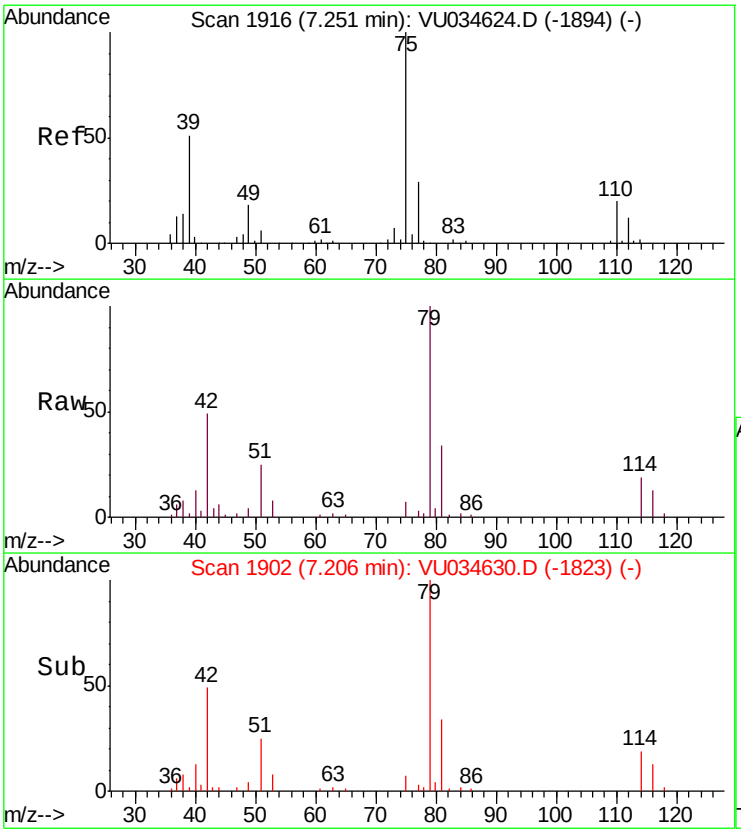

#37
1,2-Dichloropropane
Concen: 0.649 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU034630.D
Acq: 17 Sep 2019 21:41

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0MK6

Tgt Ion: 63 Resp: 5134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 2.2 | 3.2# |

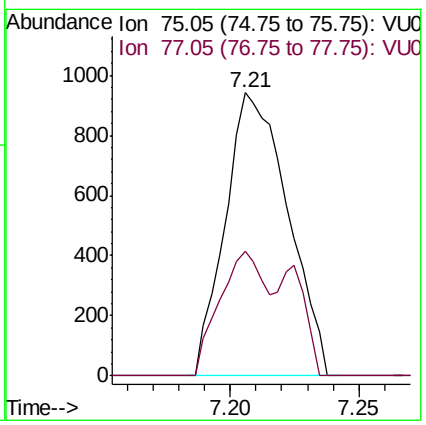


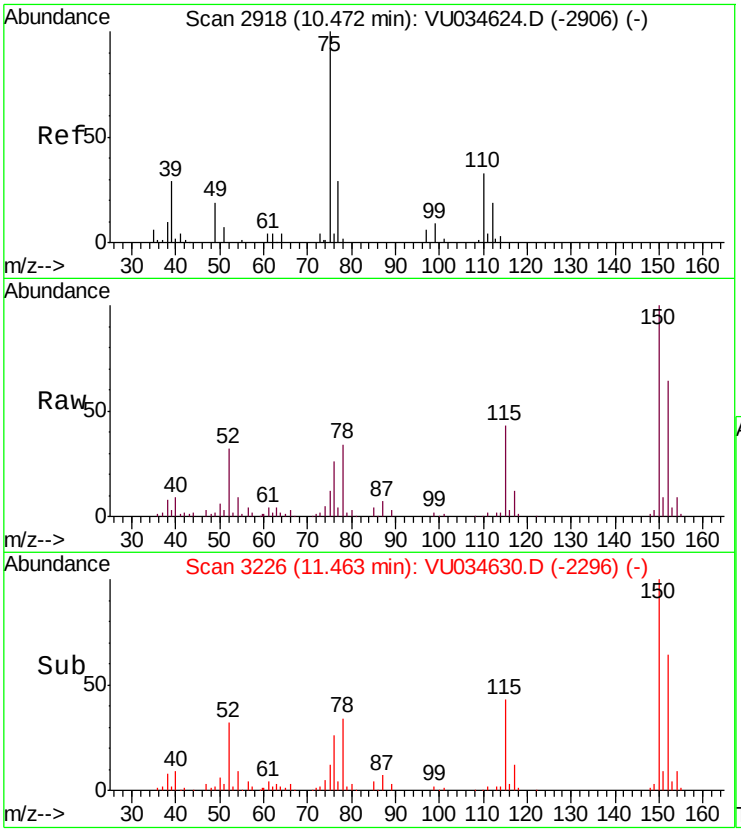




#39
cis-1,3-Dichloropropene
Concen: 0.143 ug/L
RT: 7.21 min Scan# 1902
Delta R.T. -0.04 min
Lab File: VU034630.D
Acq: 17 Sep 2019 21:41

Tgt Ion: 75 Resp: 1593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 44.1 | 22.2 | 41.2# |






#59
1,2,3-Trichloropropane
Concen: 1.431 ug/L
RT: 11.46 min Scan# 3226
Delta R.T. 0.99 min
Lab File: VU034630.D
Acq: 17 Sep 2019 21:41

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0MK6

Tgt Ion: 75 Resp: 7390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.1 | 26.0 | 39.0 |