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

Quantitation Report (Not Reviewed)

Data File : VU034631.D
Acq On : 17 Sep 2019 22:05
Operator : JC/SP
Sample : K4865-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0MK9

Quant Time: Sep 18 08:09:06 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 | 94194 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.07 | 117 | 88428 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.46 | 152 | 38069 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.39 | 65 | 38553 | 5.15 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 103.00% | | | |
| 7) Chloroethane-d5 | 1.67 | 69 | 32206 | 5.29 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 105.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.26 | 63 | 55099 | 4.16 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 83.20% | | | |
| 20) 2-Butanone-d5 | 4.18 | 46 | 100471 | 54.53 | ug/L | 0.01 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 109.06% | | | |
| 24) Chloroform-d | 4.62 | 84 | 61545 | 5.38 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 107.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.29 | 65 | 36025 | 5.53 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 110.60% | | | |
| 32) Benzene-d6 | 5.32 | 84 | 128892 | 5.48 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 109.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.31 | 67 | 43148 | 5.43 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 108.60% | | | |
| 41) Toluene-d8 | 7.54 | 98 | 117997 | 5.31 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 106.20% | | | |
| 43) trans-1,3-Dichloropropene- | 7.83 | 79 | 15787 | 4.91 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 98.20% | | | |
| 46) 2-Hexanone-d5 | 8.30 | 63 | 78507 | 54.91 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 109.82% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41 | 84 | 33488 | 5.43 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 108.60% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.84 | 152 | 34989 | 5.33 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 106.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 8) Chloroethane | 1.54 | 64 | 2848 | 0.693 | ug/L # | 52 |
| 13) Acetone | 2.32 | 43 | 2466 | 1.732 | ug/L | 85 |
| 35) Methylcyclohexane | 6.31 | 83 | 8760 | 0.910 | ug/L # | 18 |
| 37) 1,2-Dichloropropane | 6.31 | 63 | 4938 | 0.669 | ug/L # | 92 |
| 48) 2-Hexanone | 8.30 | 43 | 10032 | 2.683 | ug/L # | 71 |
| 59) 1,2,3-Trichloropropane | 11.46 | 75 | 7160 | 1.485 | ug/L | 96 |

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

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Operator : JC/SP
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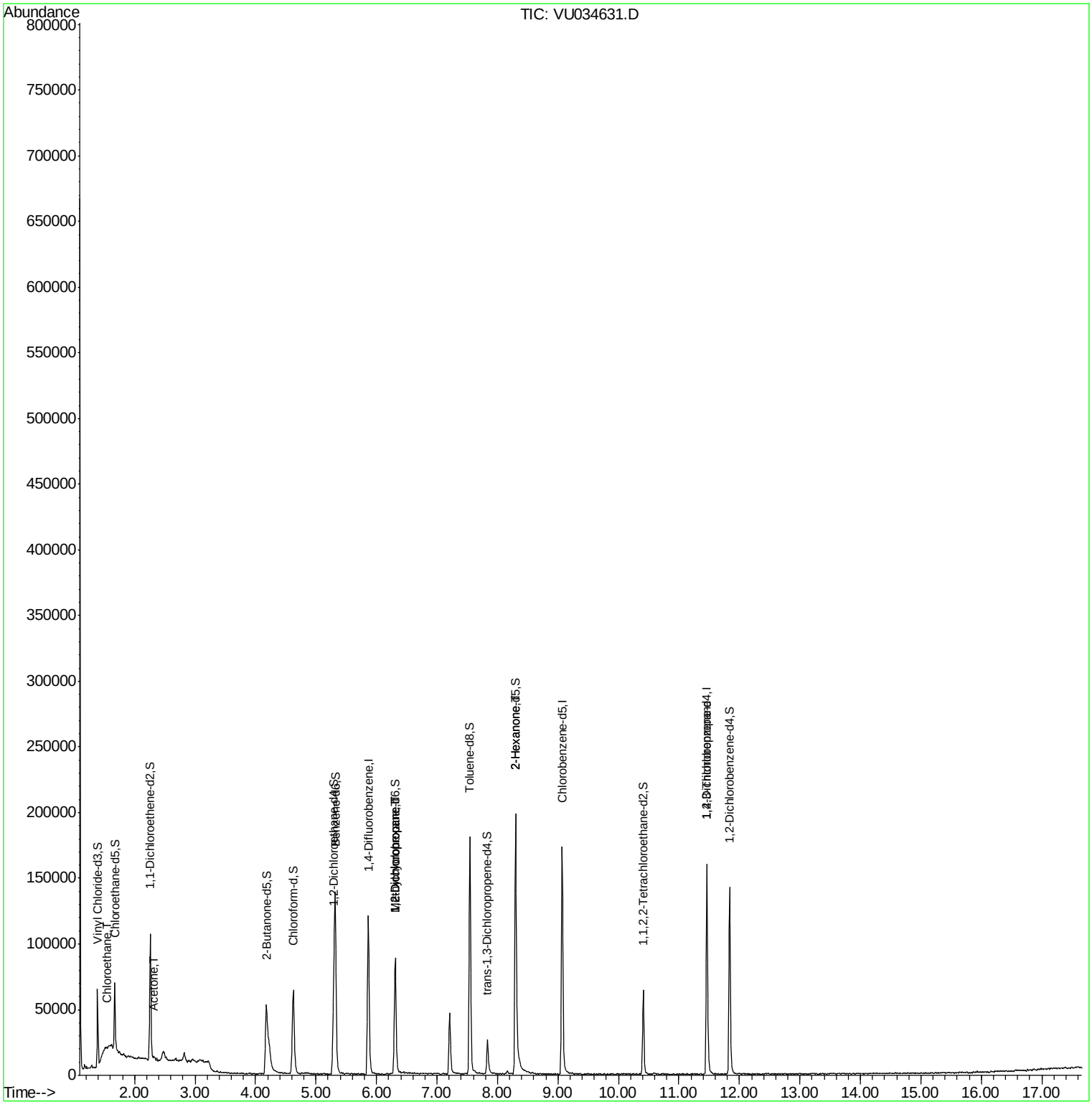
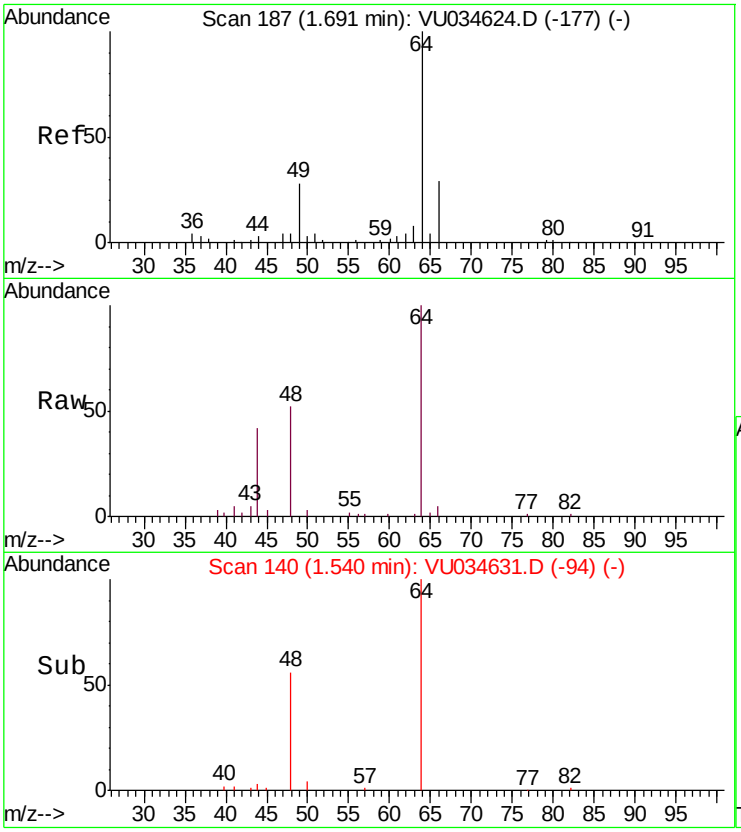
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0MK9

Quant Time: Sep 18 08:09:06 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



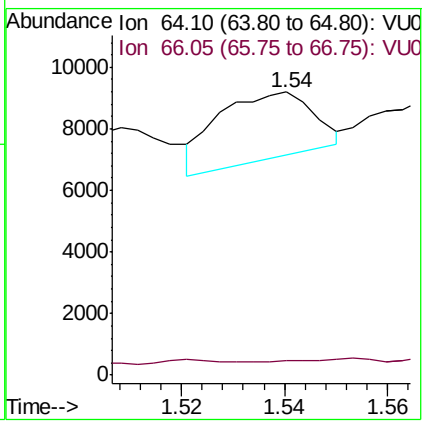


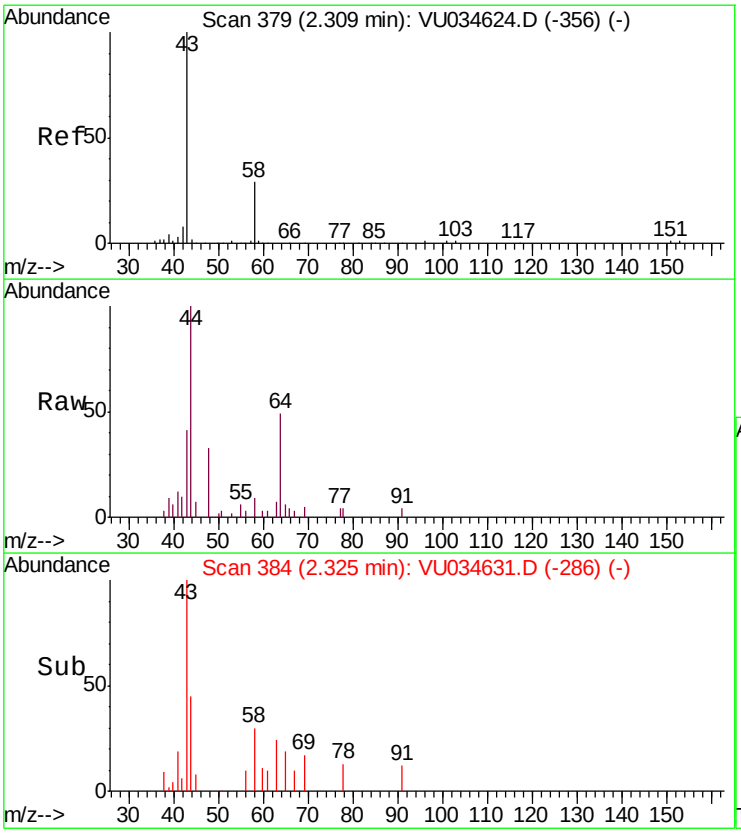

#8
Chloroethane
Concen: 0.693 ug/L
RT: 1.54 min Scan# 140
Delta R.T. -0.15 min
Lab File: VU034631.D
Acq: 17 Sep 2019 22:05

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0MK9

Tgt Ion: 64 Resp: 2848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 5.3 | 22.6 | 42.0# |

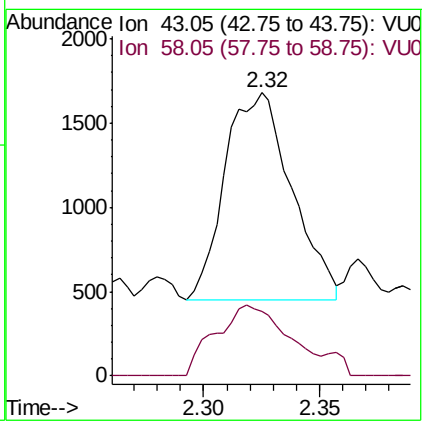


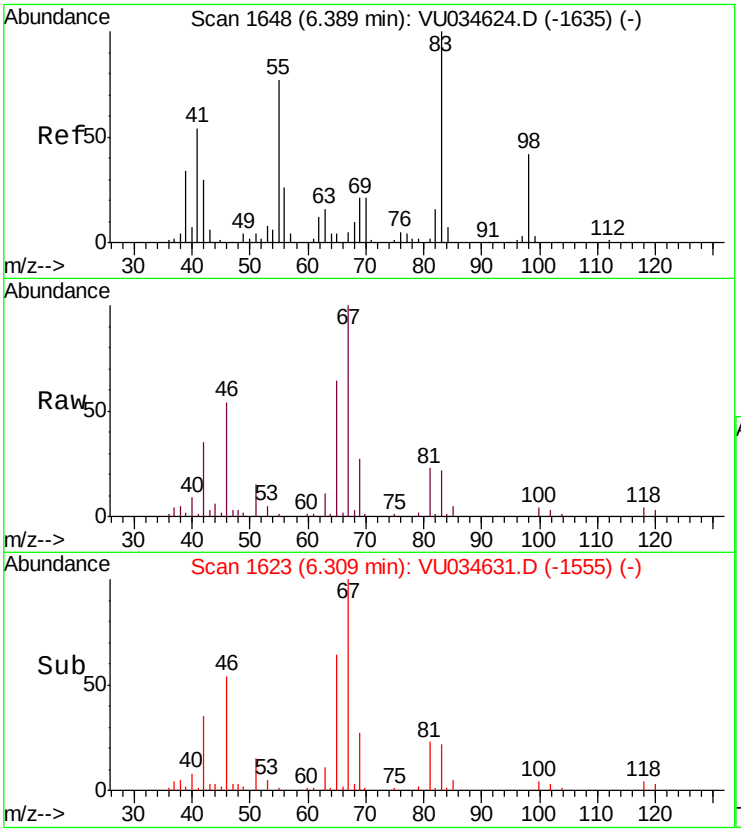




#13
Acetone
Concen: 1.732 ug/L
RT: 2.32 min Scan# 384
Delta R.T. 0.02 min
Lab File: VU034631.D
Acq: 17 Sep 2019 22:05

Tgt Ion: 43 Resp: 2466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.1 | 0.0 | 57.8 |



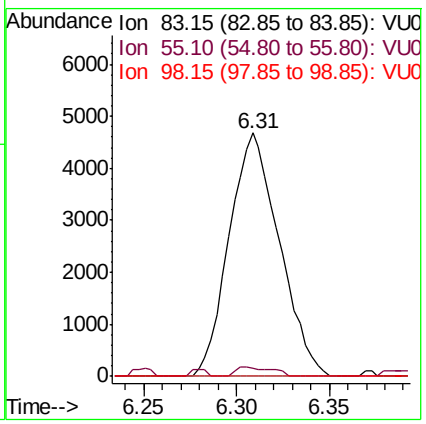


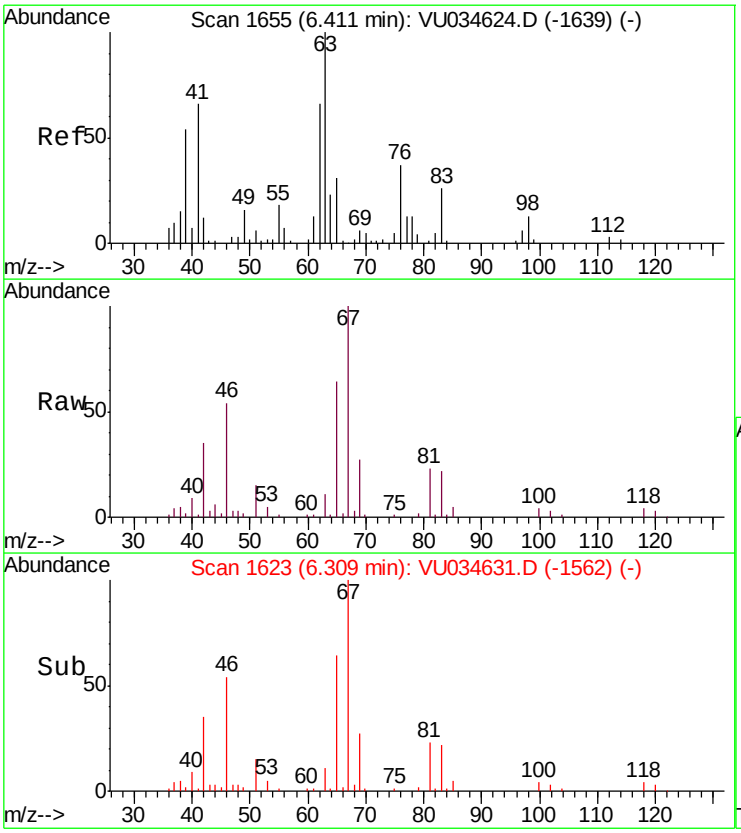

#35
Methylcyclohexane
Concen: 0.910 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034631.D
Acq: 17 Sep 2019 22:05

**Instrument :** MSVOA_U
**ClientSampleId :** C0MK9

Tgt Ion: 83 Resp: 8760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 2.8 | 66.8 | 100.2# |
| 98 | 0.0 | 35.4 | 53.0# |

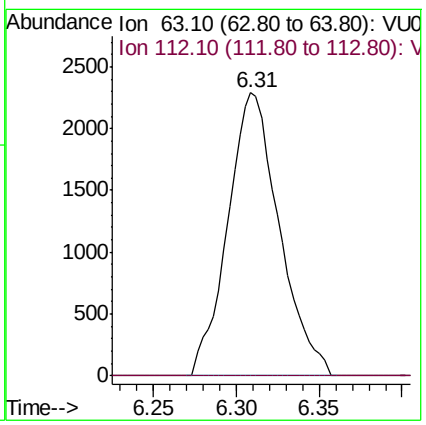


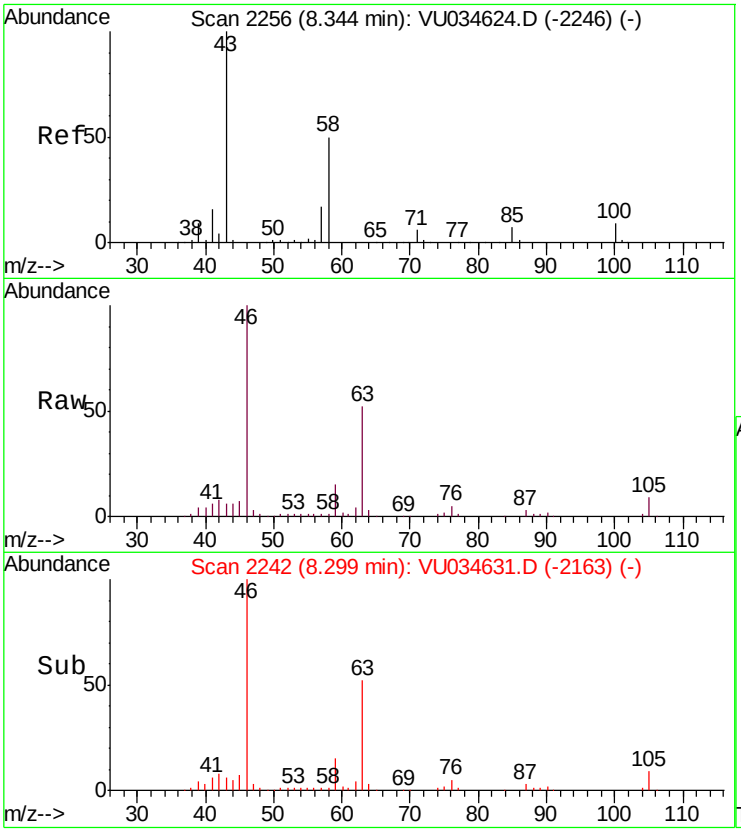




#37
1,2-Dichloropropane
Concen: 0.669 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU034631.D
Acq: 17 Sep 2019 22:05

Tgt Ion: 63 Resp: 4938

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



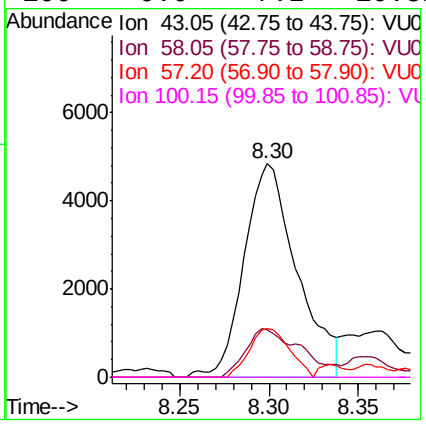


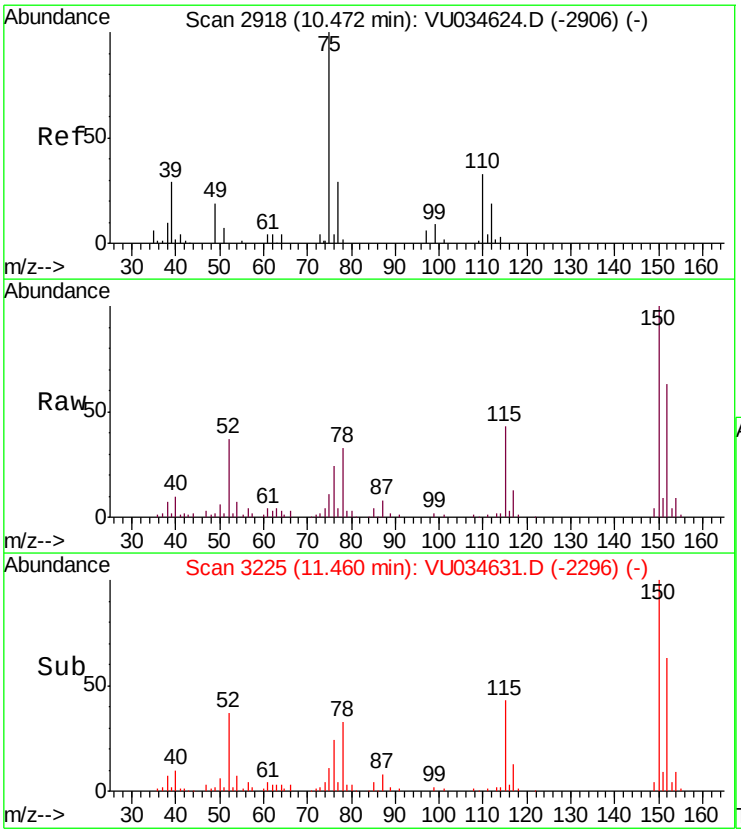

#48
2-Hexanone
Concen: 2.683 ug/L
RT: 8.30 min Scan# 2242
Delta R.T. -0.04 min
Lab File: VU034631.D
Acq: 17 Sep 2019 22:05

**Instrument :** MSVOA_U
**ClientSampleId :** C0MK9

Tgt Ion: 43 Resp: 10032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 24.3 | 41.2 | 61.8# |
| 57 | 17.3 | 13.3 | 19.9 |
| 100 | 0.0 | 7.2 | 10.8# |




#59
1,2,3-Trichloropropane
Concen: 1.485 ug/L
RT: 11.46 min Scan# 3225
Delta R.T. 0.99 min
Lab File: VU034631.D
Acq: 17 Sep 2019 22:05

Tgt Ion: 75 Resp: 7160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.5 | 26.0 | 39.0 |