Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041319\

Quantitation Report (Not Reviewed)

Data File : VU031193.D
Acq On : 14 Apr 2019 06:19
Operator : JC/SP
Sample : K2409-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BFC32

Quant Time: Apr 15 01:44:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 15 01:39:53 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.88 | 114 | 429865 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 423504 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 159174 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 222258 | 57.92 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 115.84% | | | |
| 7) Chloroethane-d5 | 1.67 | 69 | 191360 | 65.70 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 131.40%# | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 312420 | 45.01 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 90.02% | | | |
| 21) 2-Butanone-d5 | 4.17 | 46 | 279327 | 91.85 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 91.85% | | | |
| 24) Chloroform-d | 4.64 | 84 | 300092 | 51.19 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 102.38% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.30 | 65 | 203155 | 50.79 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 101.58% | | | |
| 32) Benzene-d6 | 5.33 | 84 | 579841 | 46.90 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 93.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.32 | 67 | 196599 | 46.40 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 92.80% | | | |
| 41) Toluene-d8 | 7.56 | 98 | 495451 | 45.21 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 90.42% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 81776 | 42.33 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 84.66% | | | |
| 47) 2-Hexanone-d5 | 8.31 | 63 | 163787 | 84.58 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 84.58% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43 | 84 | 270918 | 47.40 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 94.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.86 | 152 | 166821 | 53.29 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 106.58% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.26 | 101 | 3023 | 0.982 | ug/L # | 22 |
| 12) 1,1-Dichloroethene | 2.27 | 96 | 5779 | 1.945 | ug/L # | 1 |
| 13) Acetone | 2.32 | 43 | 40653 | 13.063 | ug/L | 97 |
| 34) Trichloroethene | 6.19 | 95 | 6791 | 1.998 | ug/L | 96 |
| 37) 1,2-Dichloropropane | 6.32 | 63 | 19830 | 5.053 | ug/L # | 90 |
| 39) cis-1,3-Dichloropropene | 7.22 | 75 | 4591 | 0.822 | ug/L # | 55 |
| 48) 2-Hexanone | 8.36 | 43 | 9865 | 2.004 | ug/L # | 43 |

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

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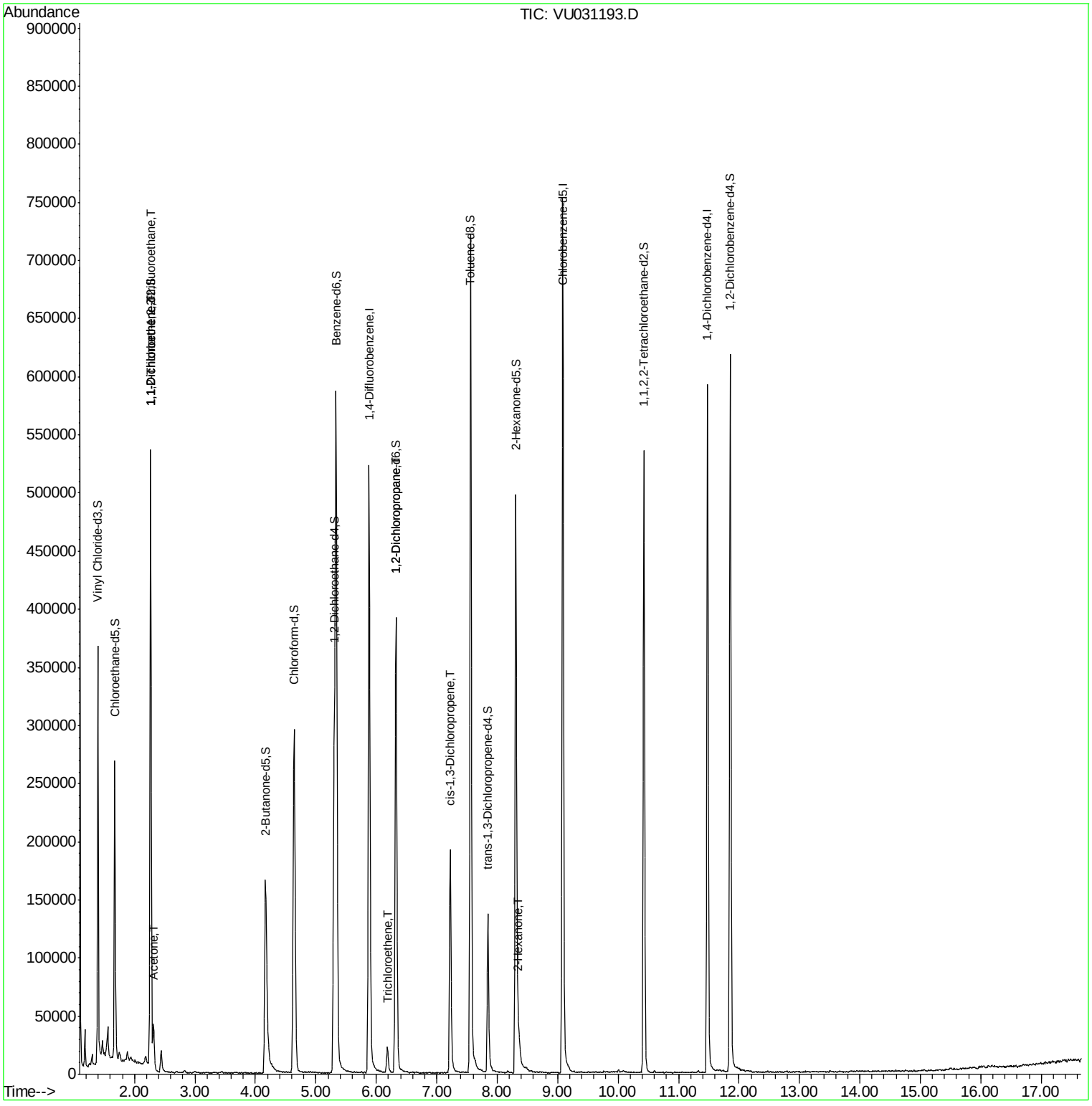
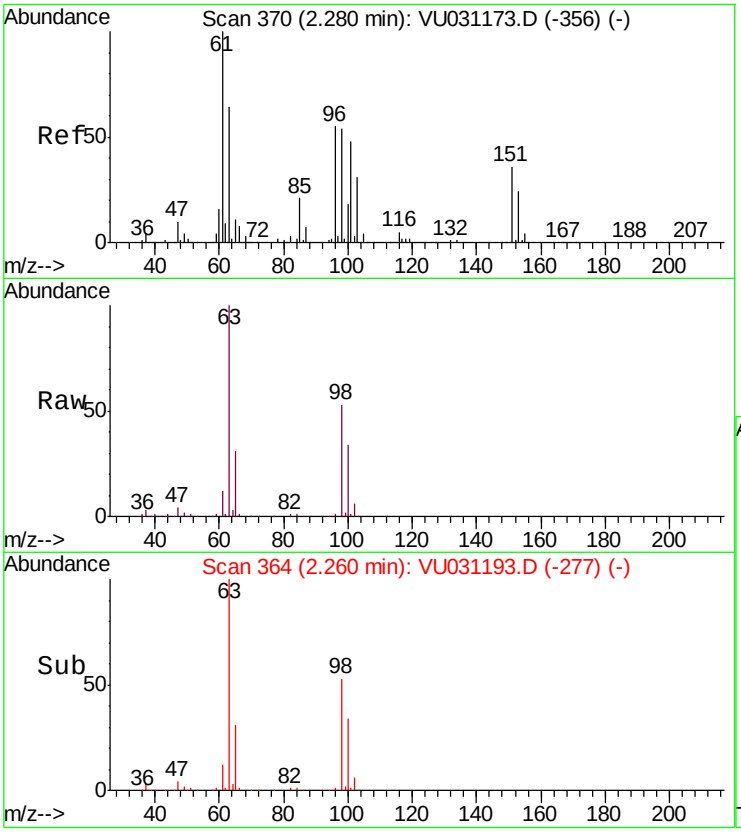
Operator : JC/SP
Sample : K2409-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BFC32

Quant Time: Apr 15 01:44:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 15 01:39:53 2019
Response via : Initial Calibration



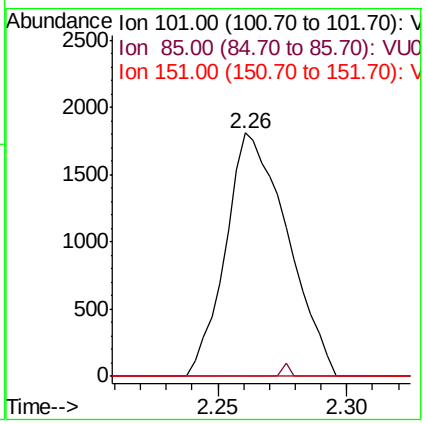


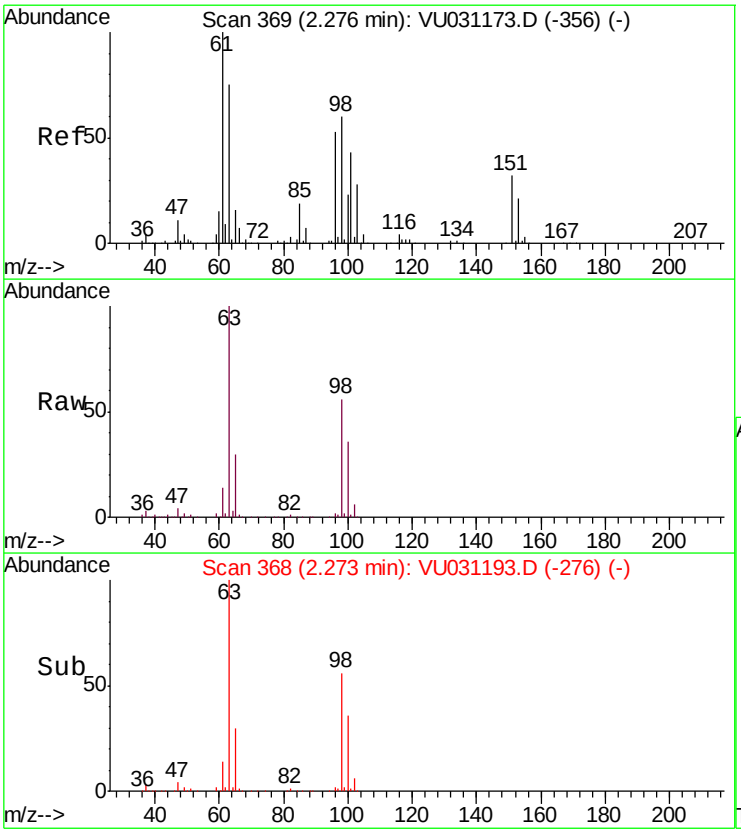

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.982 ug/L
RT: 2.26 min Scan# 364
Delta R.T. -0.02 min
Lab File: VU031193.D
Acq: 14 Apr 2019 06:19

**Instrument :**
MSVOA_U
**ClientSampleId :**
BFC32

Tgt Ion:101 Resp: 3023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 2.8 | 36.8 | 55.2# |
| 151 | 0.0 | 57.4 | 86.0# |

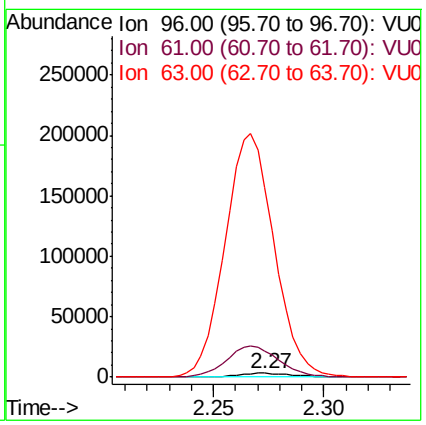


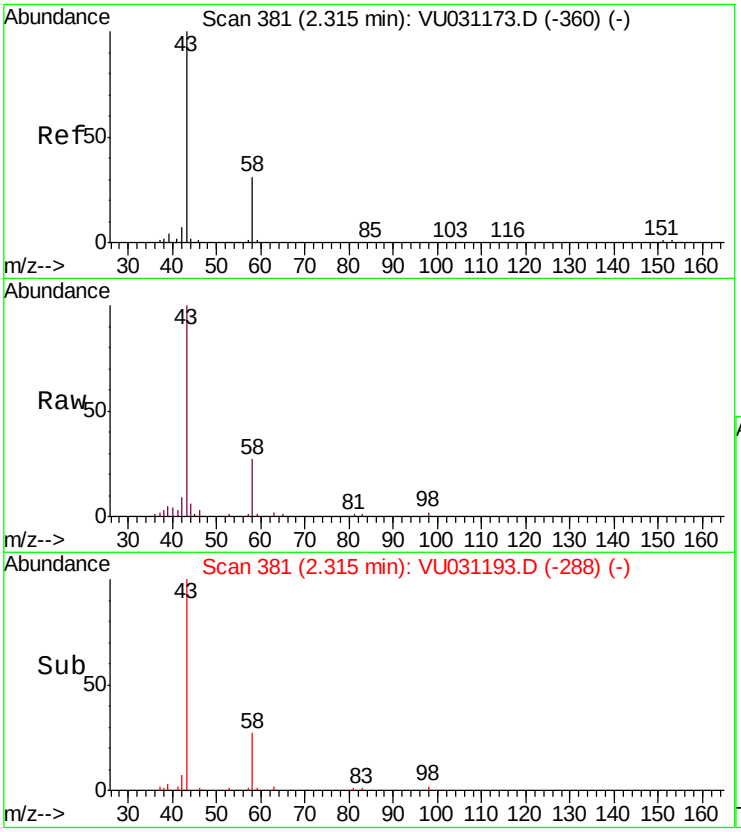




#12
1,1-Dichloroethene
Concen: 1.945 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.00 min
Lab File: VU031193.D
Acq: 14 Apr 2019 06:19

Tgt Ion: 96 Resp: 5779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 706.1 | 132.0 | 245.2# |
| 63 | 5058.3 | 90.9 | 168.9# |



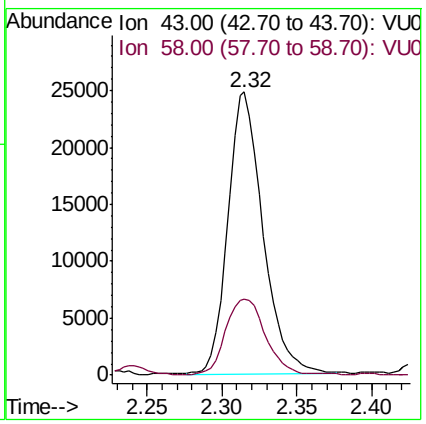


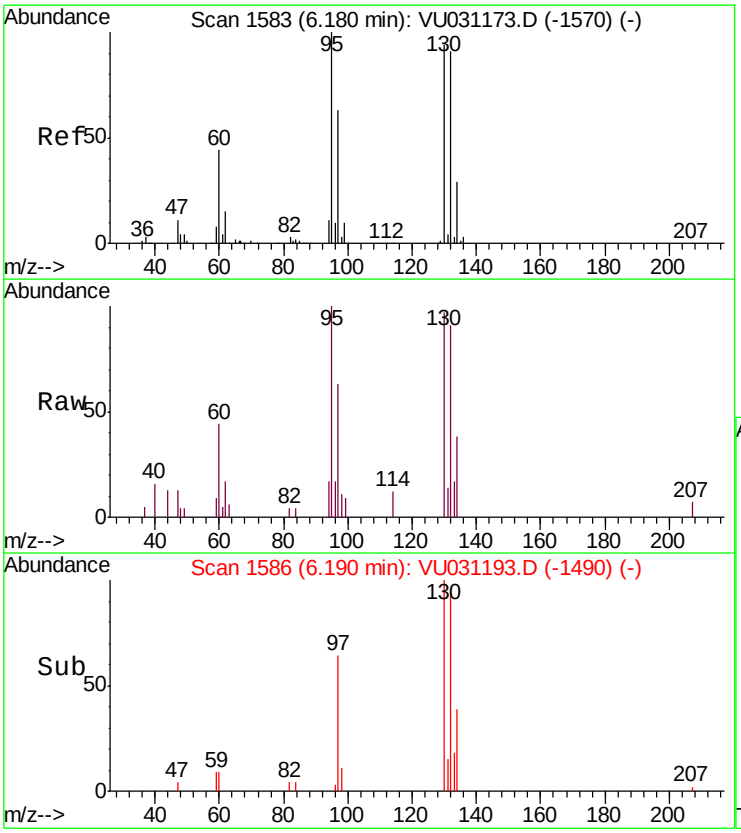

#13
Acetone
Concen: 13.063 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VU031193.D
Acq: 14 Apr 2019 06:19

**Instrument :**
MSVOA_U
**ClientSampleId :**
BFC32

Tgt Ion: 43 Resp: 40653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.4 | 0.0 | 64.0 |

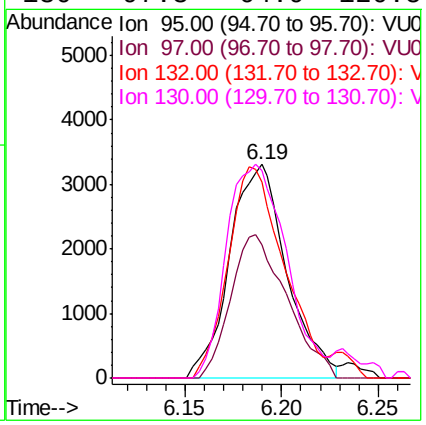


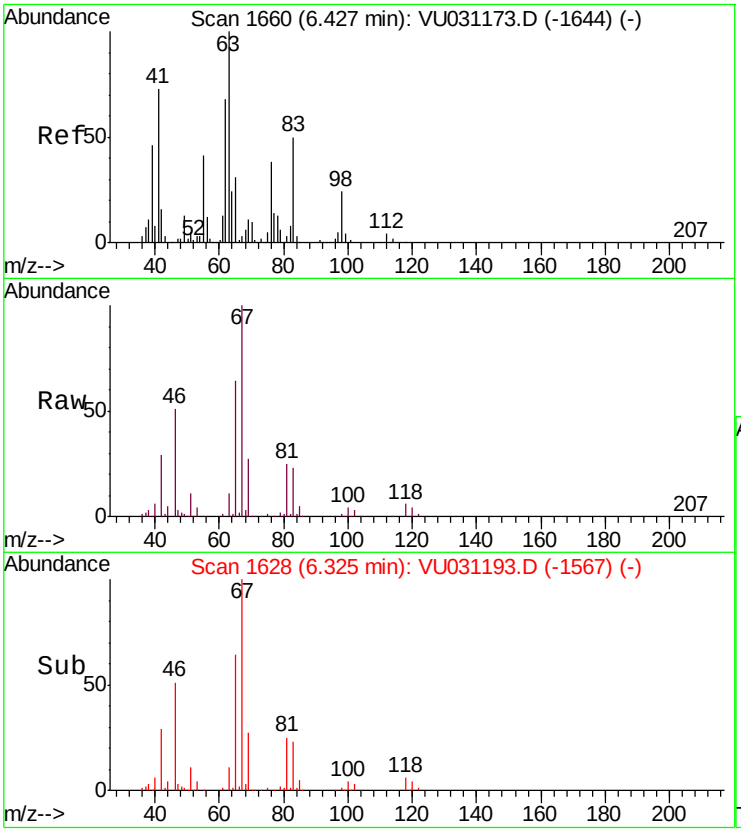




#34
Trichloroethene
Concen: 1.998 ug/L
RT: 6.19 min Scan# 1586
Delta R.T. 0.01 min
Lab File: VU031193.D
Acq: 14 Apr 2019 06:19

Tgt Ion: 95 Resp: 6791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 62.5 | 44.5 | 82.7 |
| 132 | 91.5 | 61.5 | 114.1 |
| 130 | 97.3 | 64.9 | 120.5 |



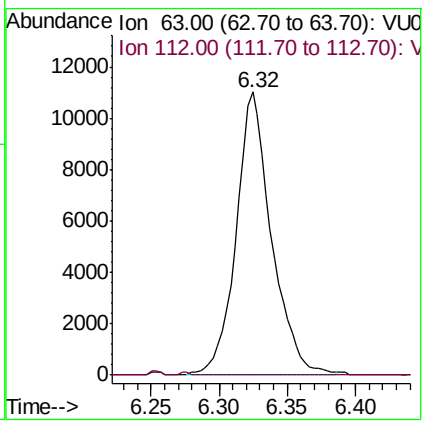


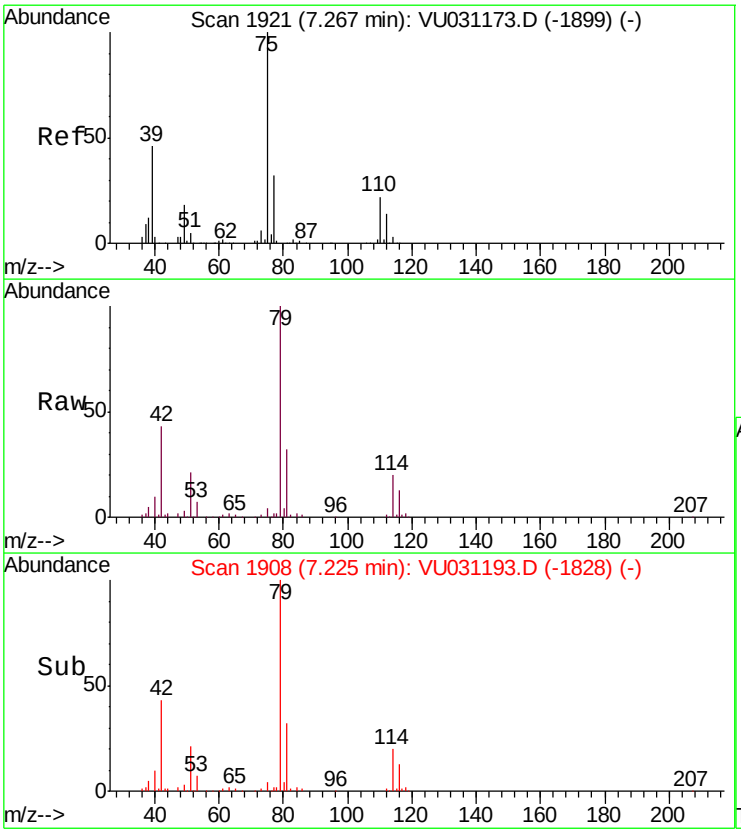

#37
1,2-Dichloropropane
Concen: 5.053 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU031193.D
Acq: 14 Apr 2019 06:19

**Instrument :**
MSVOA_U
**ClientSampleId :**
BFC32

Tgt Ion: 63 Resp: 19830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.3 | 3.0 | 4.4# |

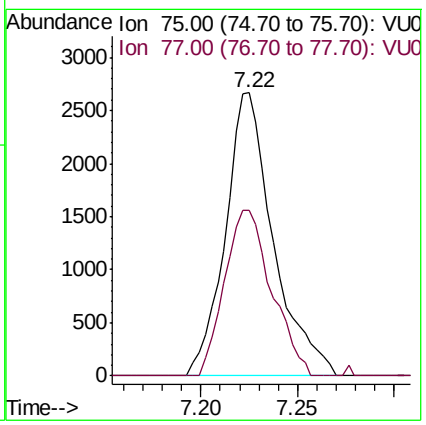


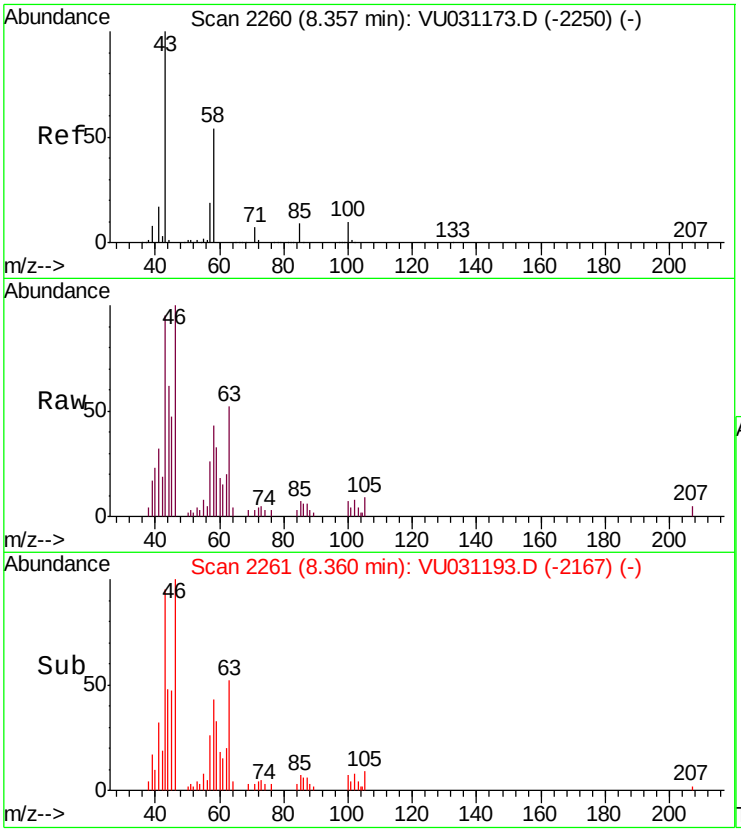




#39
cis-1,3-Dichloropropene
Concen: 0.822 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU031193.D
Acq: 14 Apr 2019 06:19

Tgt Ion: 75 Resp: 4591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 58.7 | 23.1 | 42.9# |






#48
2-Hexanone
Concen: 2.004 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU031193.D
Acq: 14 Apr 2019 06:19

**Instrument :**
MSVOA_U
**ClientSampleId :**
BFC32

Tgt Ion: 43 Resp: 9865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 41.9 | 62.9# |
| 57 | 7.2 | 14.3 | 21.5# |
| 100 | 2.0 | 7.1 | 10.7# |