Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031071.D
Acq On : 11 Apr 2019 16:14
Operator : JC/SP
Sample : K2340-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 62 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VHBLK01

Quant Time: Apr 12 04:48:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:43:47 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.88 | 114 | 446102 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 446969 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 194339 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 210567 | 52.88 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 105.76% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 159995 | 52.94 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 105.88% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 284120 | 39.45 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 78.90% | | | |
| 21) 2-Butanone-d5 | 4.17 | 46 | 300246 | 95.13 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 95.13% | | | |
| 24) Chloroform-d | 4.64 | 84 | 301793 | 49.61 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 99.22% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 218268 | 52.58 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 105.16% | | | |
| 32) Benzene-d6 | 5.33 | 84 | 645433 | 49.46 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 98.92% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.32 | 67 | 217934 | 48.74 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 97.48% | | | |
| 41) Toluene-d8 | 7.56 | 98 | 552991 | 47.81 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 95.62% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 98306 | 48.21 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 96.42% | | | |
| 47) 2-Hexanone-d5 | 8.31 | 63 | 185549 | 90.79 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 90.79% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43 | 84 | 286495 | 47.50 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 95.00% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.85 | 152 | 200042 | 52.34 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 104.68% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.27 | 101 | 2981 | 0.933 | ug/L # | 21 |
| 12) 1,1-Dichloroethene | 2.27 | 96 | 2210 | 0.717 | ug/L # | 1 |
| 13) Acetone | 2.32 | 43 | 1666 | 0.516 | ug/L | 78 |
| 25) Chloroform | 4.67 | 83 | 17355 | 2.556 | ug/L | 94 |
| 39) cis-1,3-Dichloropropene | 7.22 | 75 | 5513 | 0.935 | ug/L | 83 |
| 44) trans-1,3-Dichloropropene | 7.85 | 75 | 4284 | 0.825 | ug/L # | 74 |
| 48) 2-Hexanone | 8.37 | 43 | 11645 | 2.241 | ug/L # | 84 |
| 59) 1,2,3-Trichloropropane | 11.48 | 75 | 23730 | 4.784 | ug/L | 95 |

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

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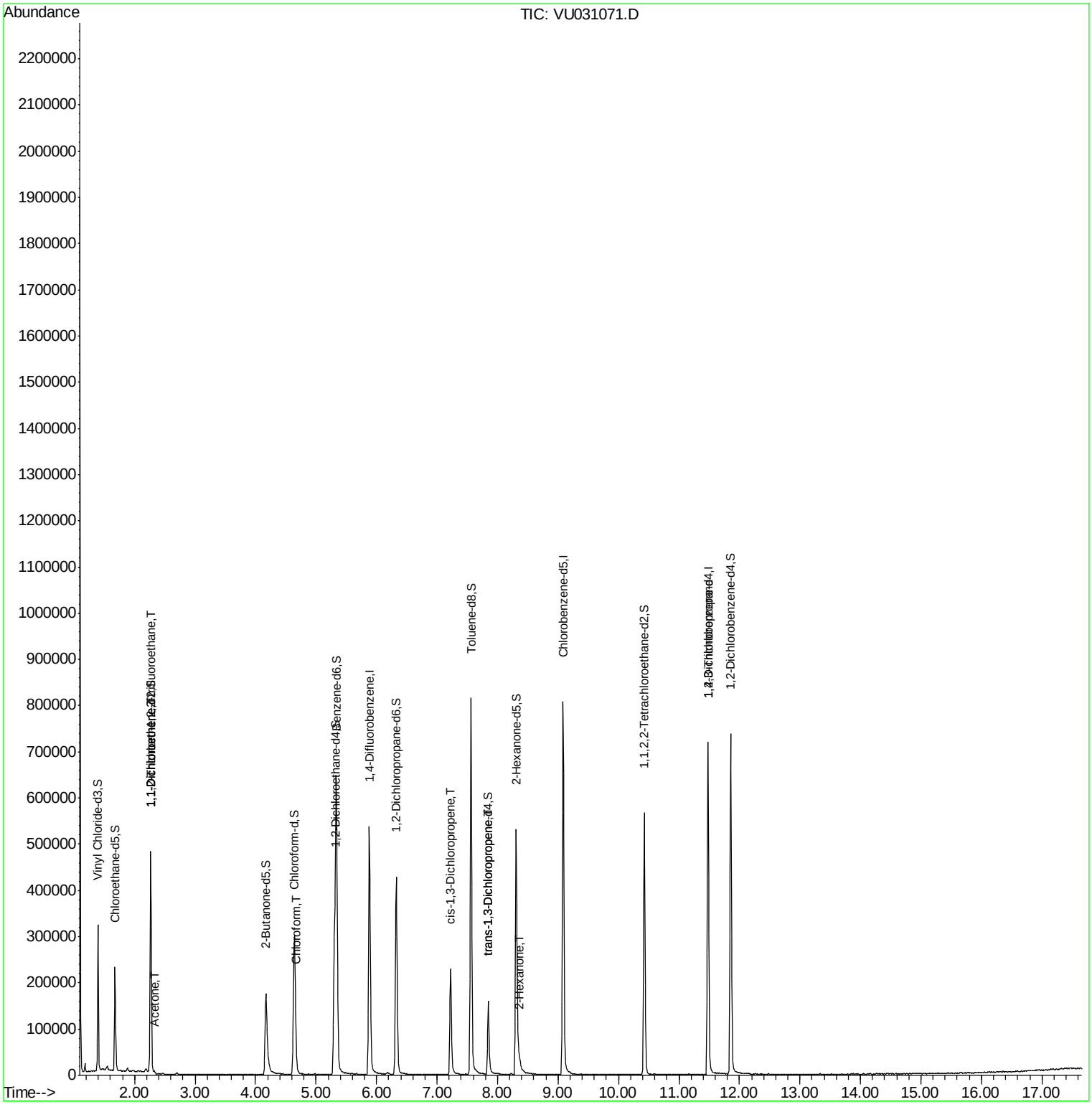
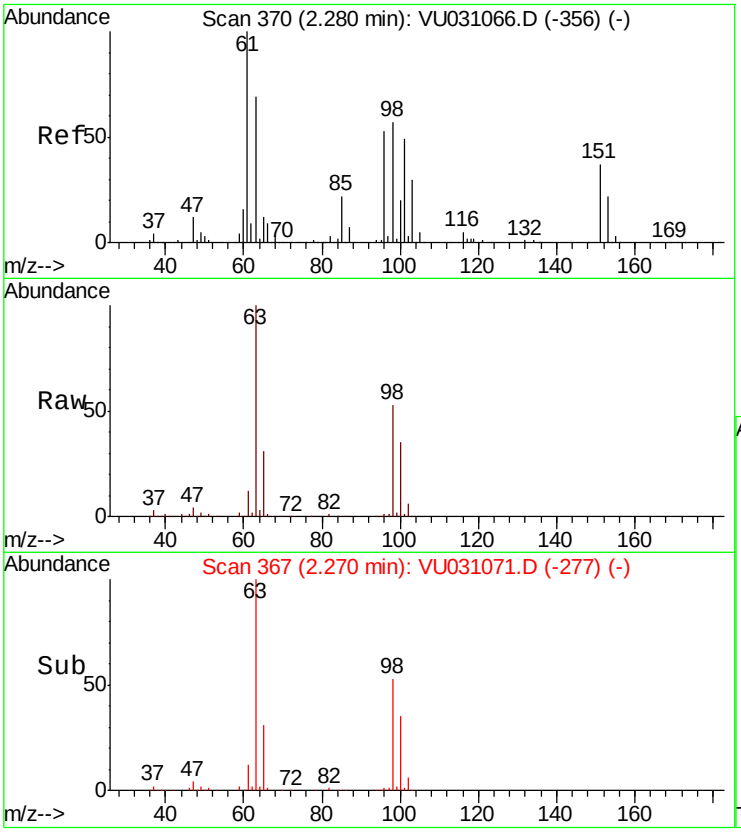
Acq On : 11 Apr 2019 16:14
Operator : JC/SP
Sample : K2340-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 62 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
VHBLK01

Quant Time: Apr 12 04:48:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:43:47 2019
Response via : Initial Calibration



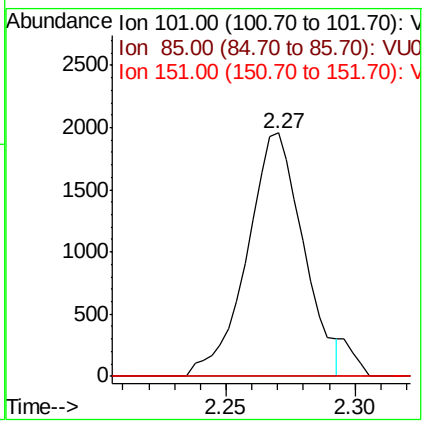


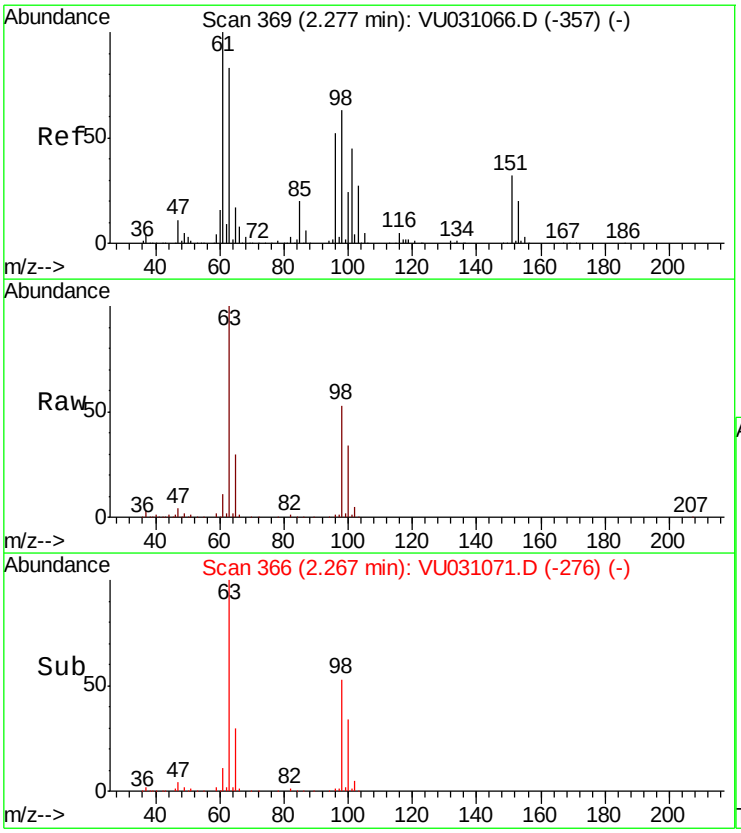

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.933 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU031071.D
Acq: 11 Apr 2019 16:14

**Instrument :**
MSVOA_U
**ClientSampleId :**
VHBLK01

Tgt Ion:101 Resp: 2981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 0.0 | 36.8 | 55.2# |
| 151 | 1.5 | 57.4 | 86.0# |

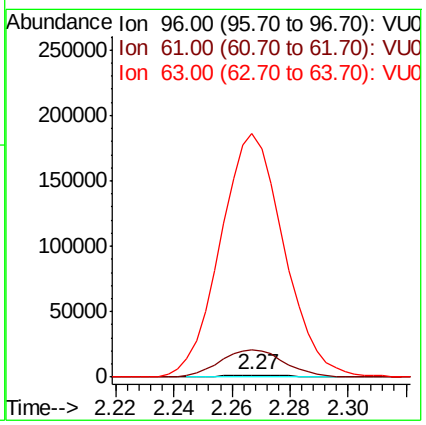


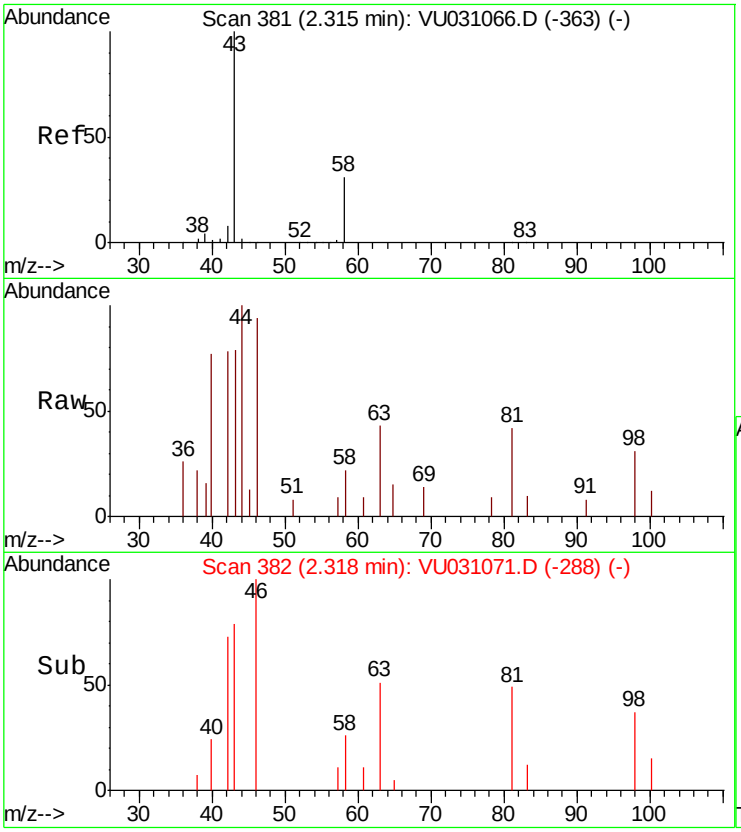




#12
1,1-Dichloroethene
Concen: 0.717 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU031071.D
Acq: 11 Apr 2019 16:14

Tgt Ion: 96 Resp: 2210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1589.6 | 132.0 | 245.2# |
| 63 | 14234.7 | 90.9 | 168.9# |



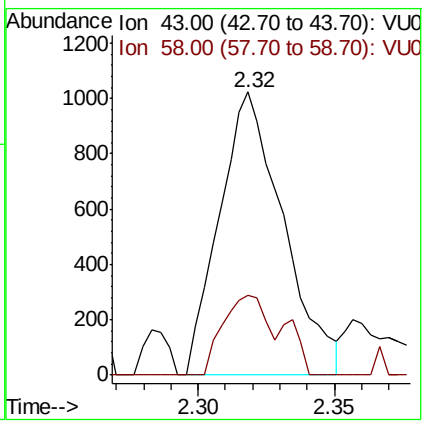


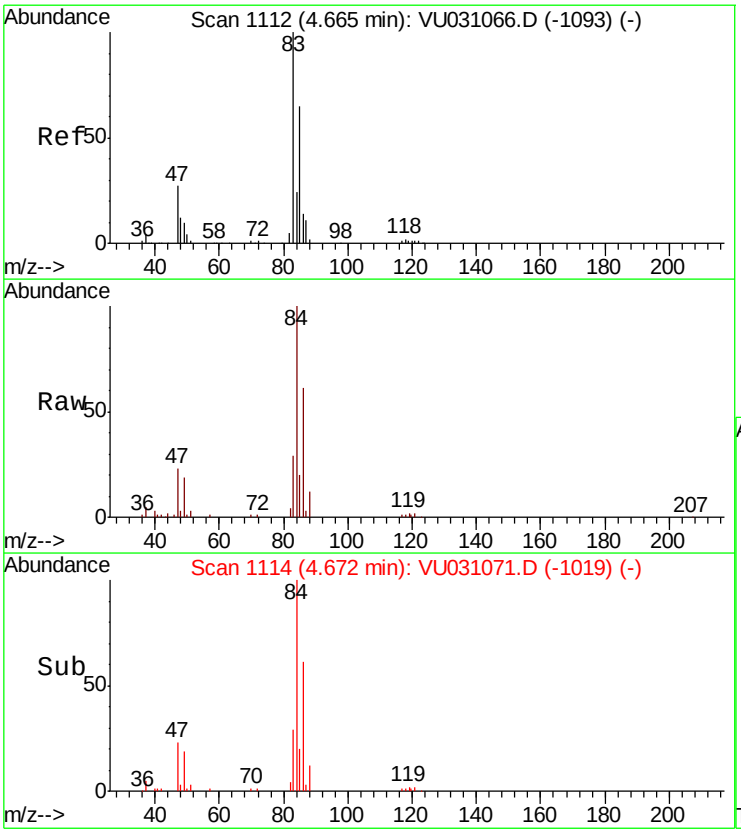

#13
Acetone
Concen: 0.516 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU031071.D
Acq: 11 Apr 2019 16:14

**Instrument :** MSVOA_U
**ClientSampleId :** VHBLK01

Tgt Ion: 43 Resp: 1666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 19.7 | 0.0 | 64.0 |

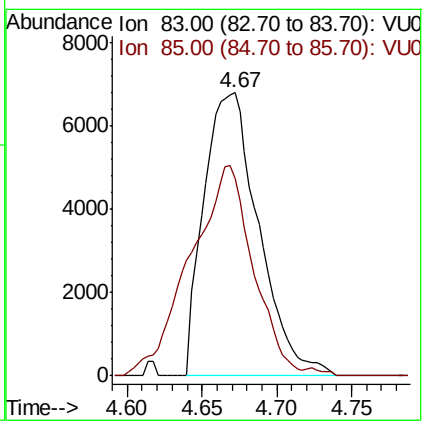


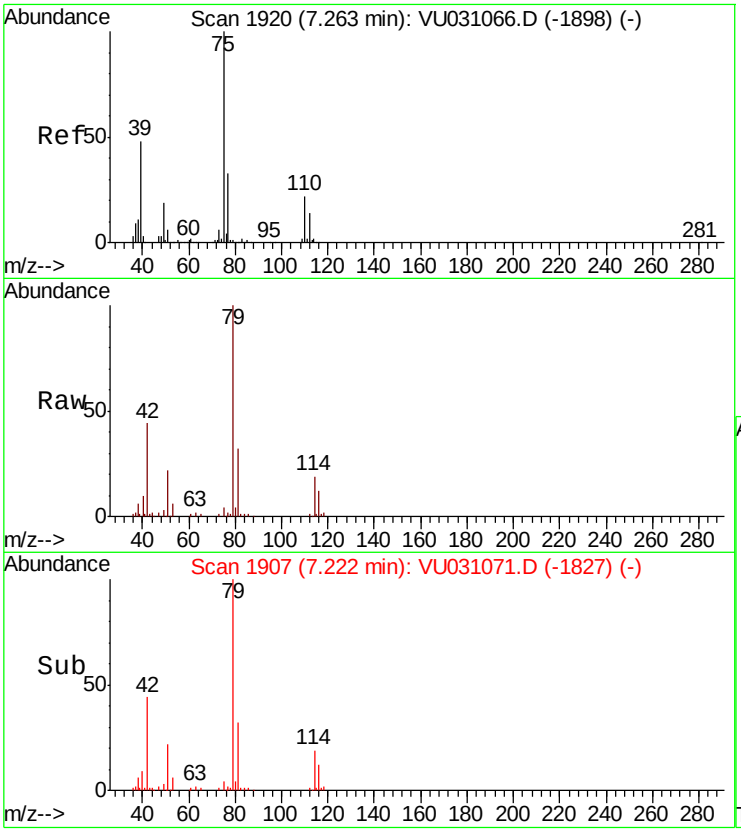




#25
Chloroform
Concen: 2.556 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VU031071.D
Acq: 11 Apr 2019 16:14

Tgt Ion: 83 Resp: 17355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 69.8 | 45.8 | 85.0 |



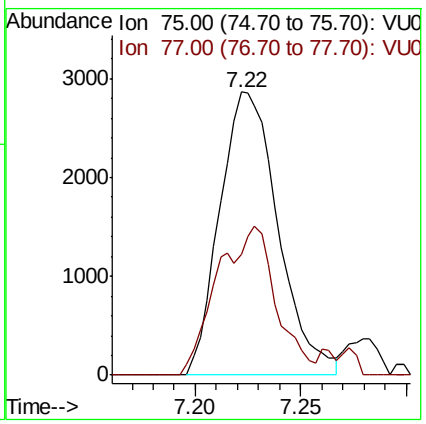


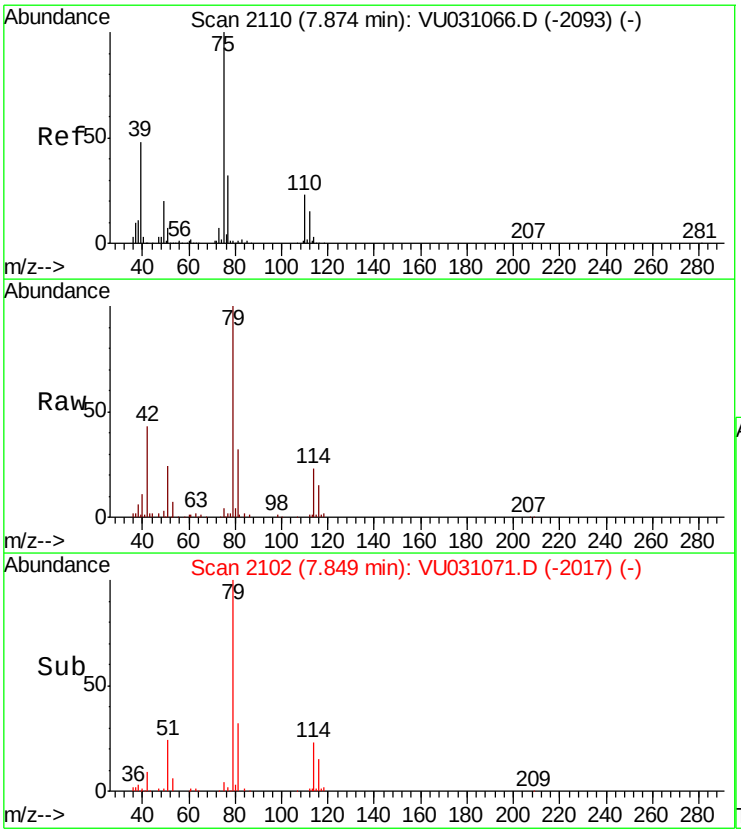

#39
cis-1,3-Dichloropropene
Concen: 0.935 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU031071.D
Acq: 11 Apr 2019 16:14

**Instrument :**
MSVOA_U
**ClientSampleId :**
VHBLK01

Tgt Ion: 75 Resp: 5513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 42.6 | 23.1 | 42.9 |

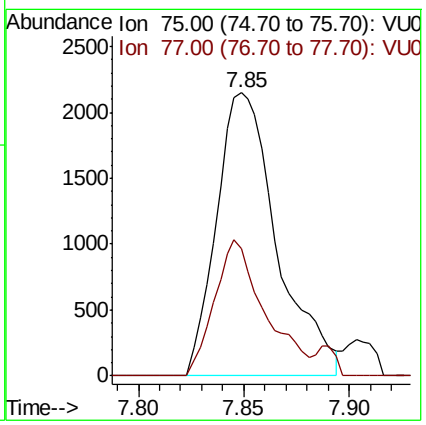


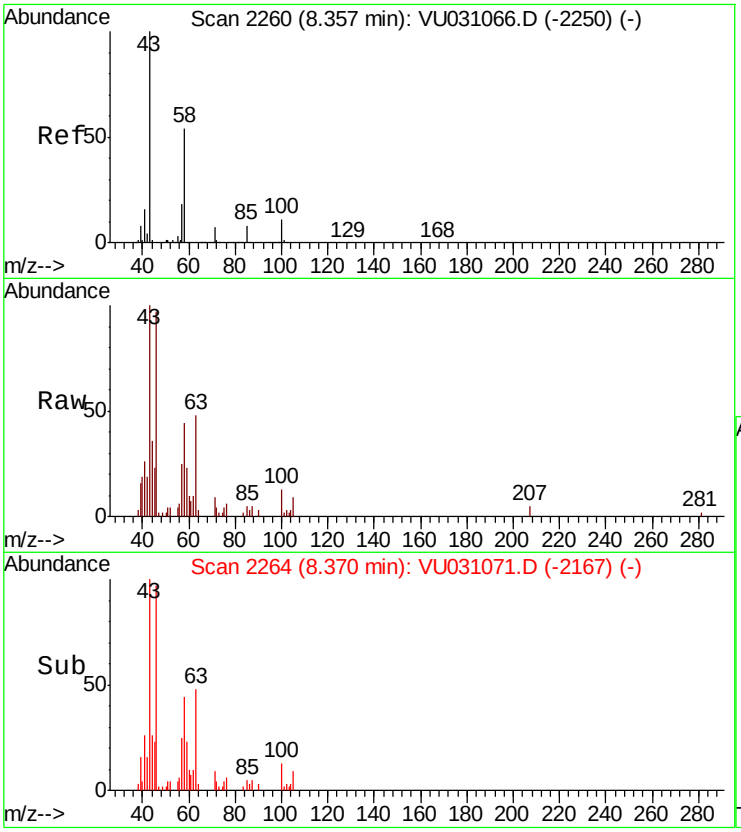




#44
trans-1,3-Dichloropropene
Concen: 0.825 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031071.D
Acq: 11 Apr 2019 16:14

Tgt Ion: 75 Resp: 4284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 44.9 | 21.6 | 40.0# |



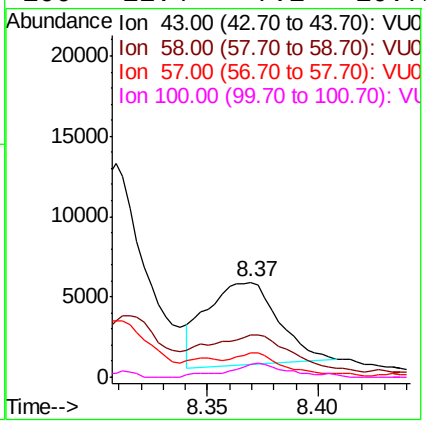


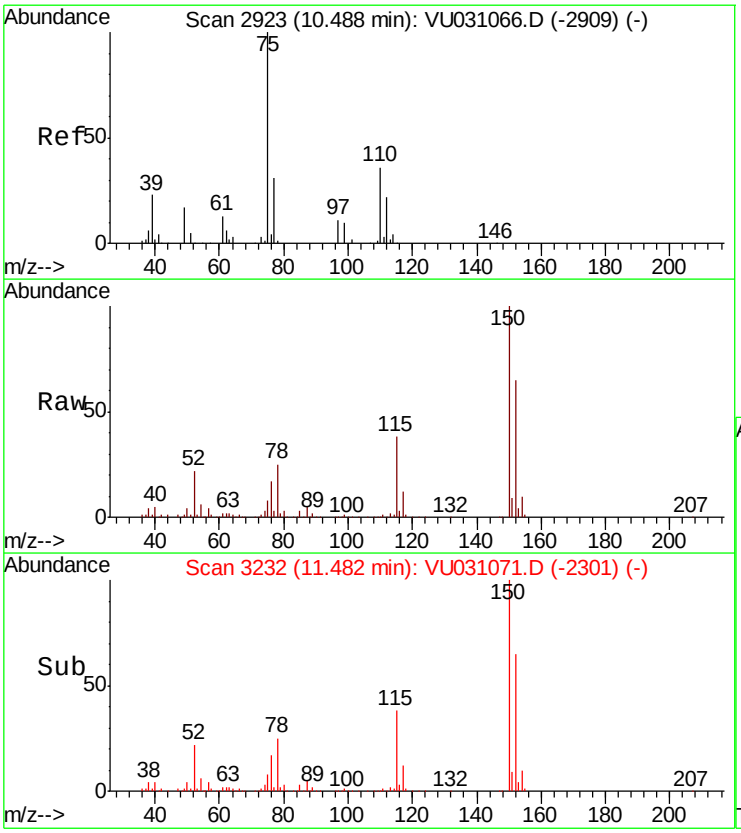

#48
2-Hexanone
Concen: 2.241 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031071.D
Acq: 11 Apr 2019 16:14

**Instrument :** MSVOA_U
**ClientSampleId :** VHBLK01

Tgt Ion: 43 Resp: 11645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 68.3 | 41.9 | 62.9# |
| 57 | 16.5 | 14.3 | 21.5 |
| 100 | 11.4 | 7.1 | 10.7# |




#59
1,2,3-Trichloropropane
Concen: 4.784 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU031071.D
Acq: 11 Apr 2019 16:14

Tgt Ion: 75 Resp: 23730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 35.4 | 26.1 | 39.1 |