Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
Data File : VU031349.D
Acq On : 19 Apr 2019 10:07
Operator : JC/SP
Sample : K2428-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 57 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0X28

Quant Time: Apr 20 05:42:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 20 05:39:07 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.88 | 114 | 174795 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 184661 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 67495 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 86709 | 4.40 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 88.00% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 74851 | 4.77 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 95.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 134272 | 3.47 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 69.40% | | | |
| 20) 2-Butanone-d5 | 4.20 | 46 | 197702 | 52.48 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 104.96% | | | |
| 24) Chloroform-d | 4.64 | 84 | 128314 | 5.22 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 104.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 71489 | 5.37 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 107.40% | | | |
| 32) Benzene-d6 | 5.34 | 84 | 231697 | 4.50 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 90.00% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.33 | 67 | 79570 | 4.92 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 98.40% | | | |
| 41) Toluene-d8 | 7.56 | 98 | 190417 | 4.14 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 82.80% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 25508 | 3.94 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 78.80% | | | |
| 46) 2-Hexanone-d5 | 8.31 | 63 | 138397 | 46.21 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 92.42% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43 | 84 | 84645 | 6.24 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 124.80%# | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.86 | 152 | 71451 | 5.43 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 108.60% | | | |

| Target Compounds | | | | | | Qvalue |
|---|---|---|---|---|---|---|
| 9) Trichlorofluoromethane | 1.88 | 101 | 129660 | 3.719 | ug/L | 100 |
| 13) Acetone | 2.34 | 43 | 6686 | 1.595 | ug/L | 79 |
| 34) Trichloroethene | 6.18 | 95 | 75221 | 4.440 | ug/L | 97 |
| 35) Methylcyclohexane | 6.32 | 83 | 18069 | 0.774 | ug/L # | 14 |
| 37) 1,2-Dichloropropane | 6.33 | 63 | 8645 | 0.523 | ug/L # | 87 |
| 47) Tetrachloroethene | 8.22 | 164 | 97752 | 7.743 | ug/L | 95 |
| 49) Dibromochloromethane | 8.22 | 129 | 91271 | 6.479 | ug/L # | 11 |
| 59) 1,2,3-Trichloropropane | 11.48 | 75 | 7657 | 0.710 | ug/L | 95 |

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

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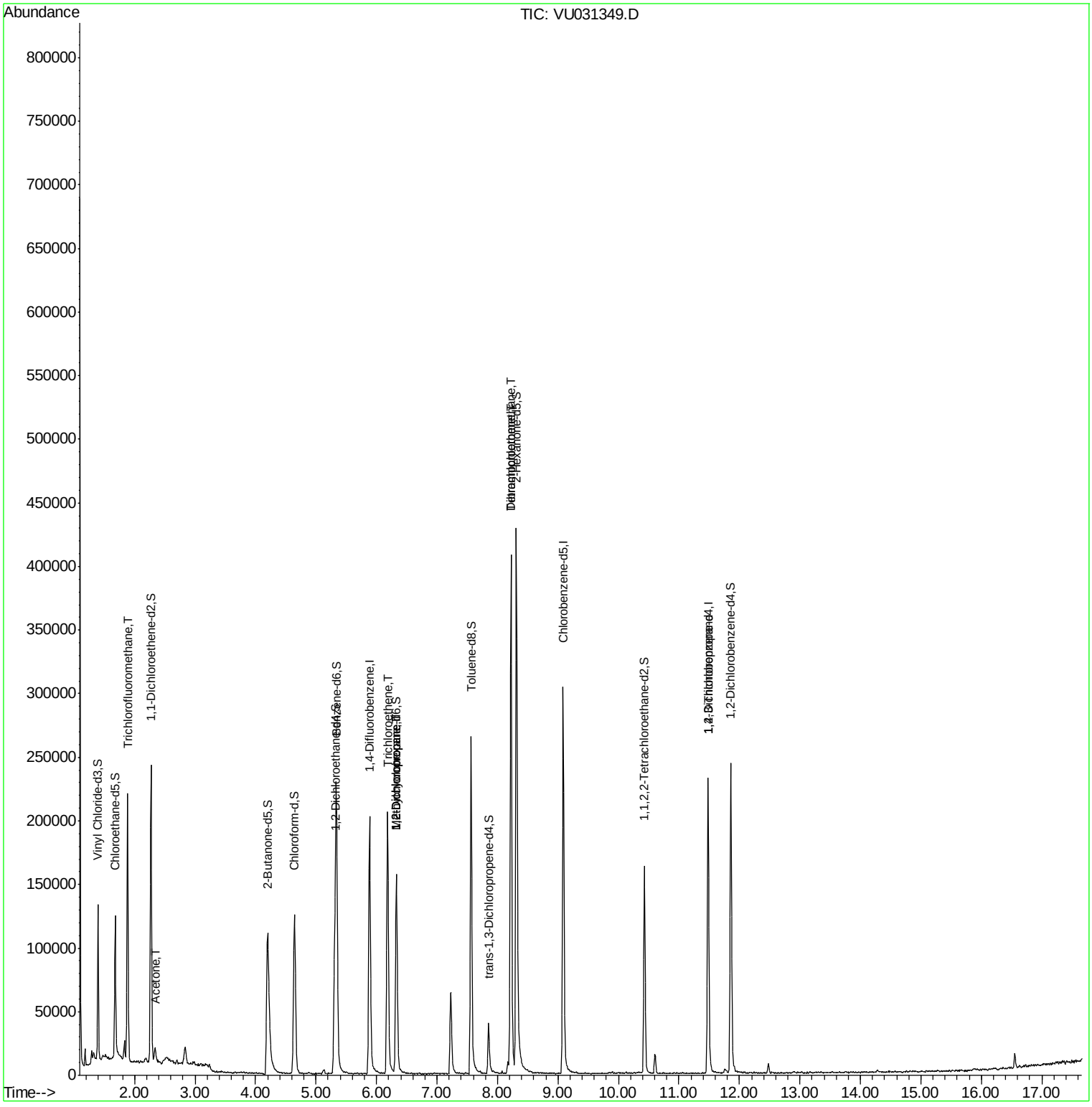
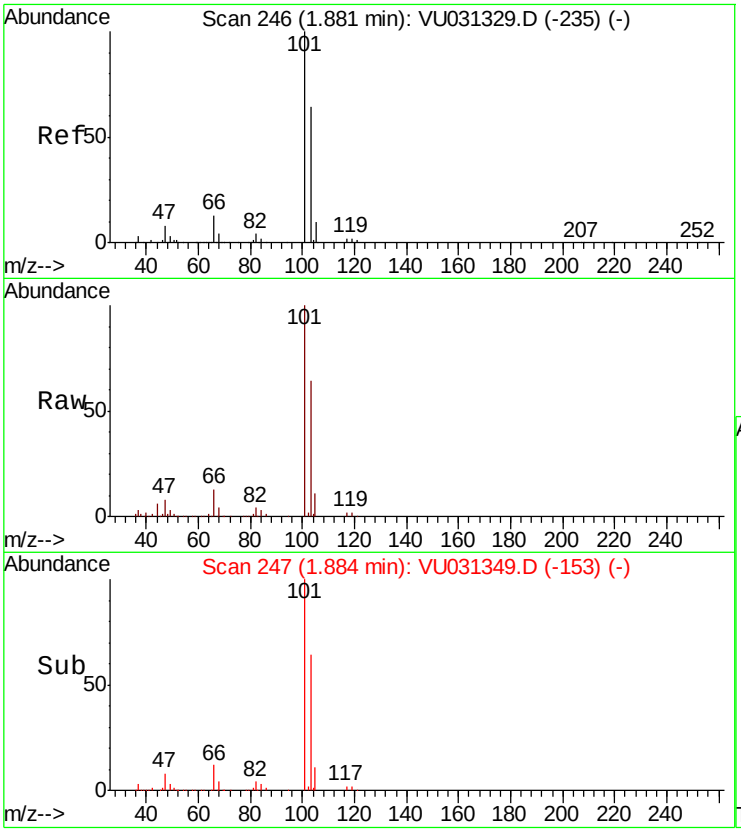
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 57 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0X28

Quant Time: Apr 20 05:42:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 20 05:39:07 2019
Response via : Initial Calibration



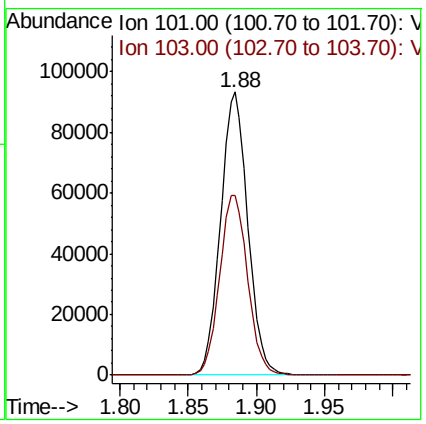


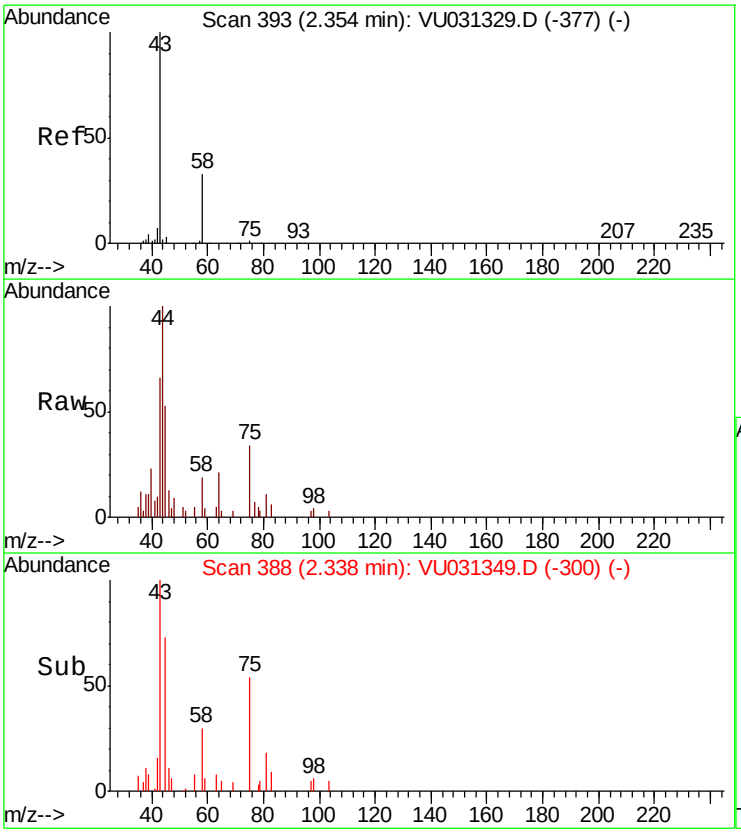

#9
Trichlorofluoromethane
Concen: 3.719 ug/L
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU031349.D
Acq: 19 Apr 2019 10:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0X28

Tgt Ion:101 Resp: 129660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.2 | 52.3 | 78.5 |

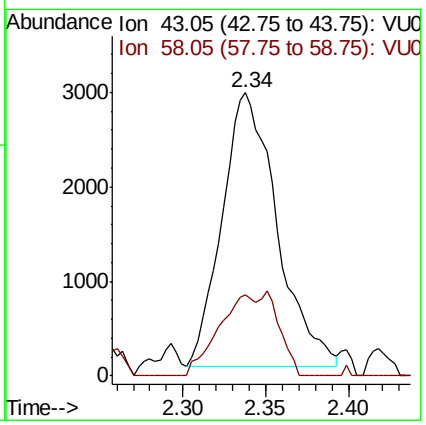


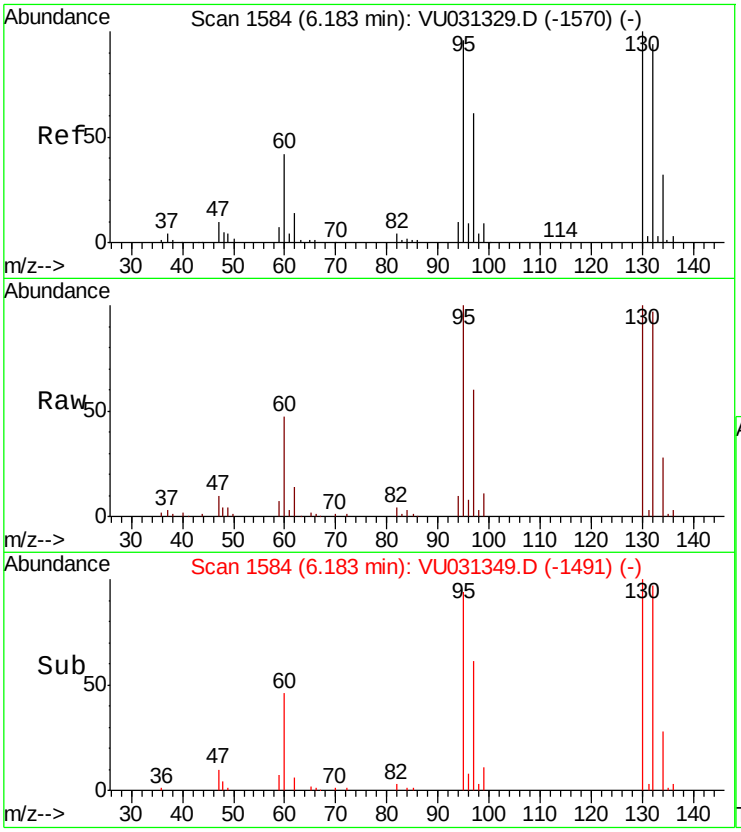




#13
Acetone
Concen: 1.595 ug/L
RT: 2.34 min Scan# 388
Delta R.T. -0.02 min
Lab File: VU031349.D
Acq: 19 Apr 2019 10:07

Tgt Ion: 43 Resp: 6686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 20.5 | 0.0 | 64.4 |



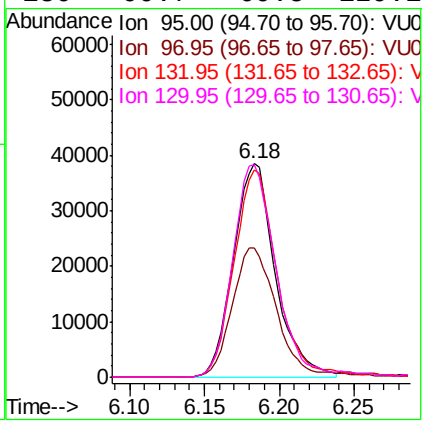


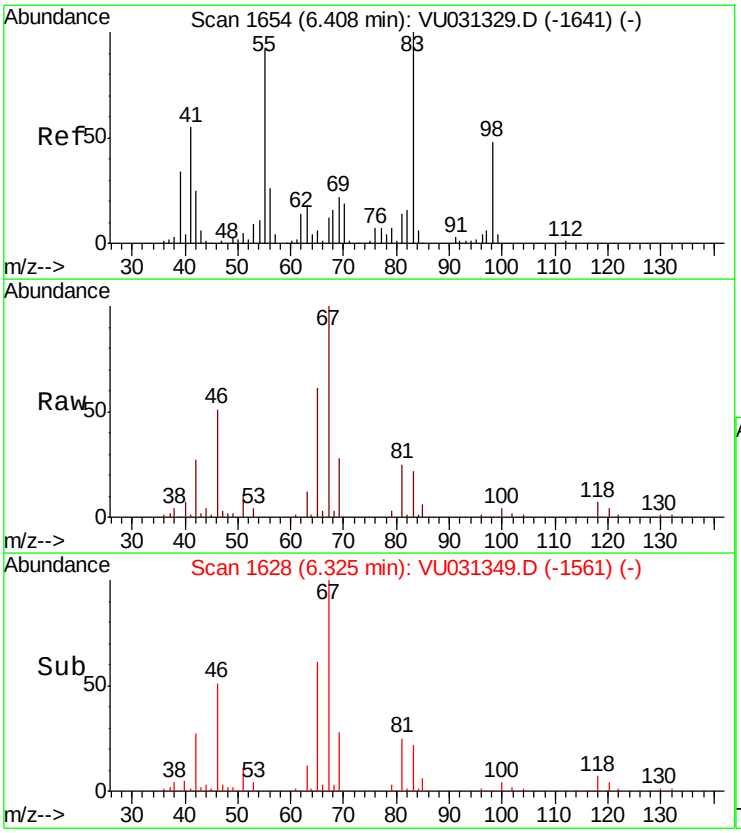

#34
Trichloroethene
Concen: 4.440 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031349.D
Acq: 19 Apr 2019 10:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0X28

Tgt Ion: 95 Resp: 75221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 60.5 | 46.8 | 86.8 |
| 132 | 97.0 | 65.8 | 122.2 |
| 130 | 99.7 | 69.5 | 129.1 |

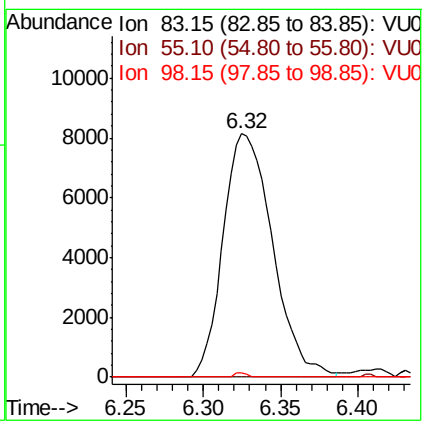


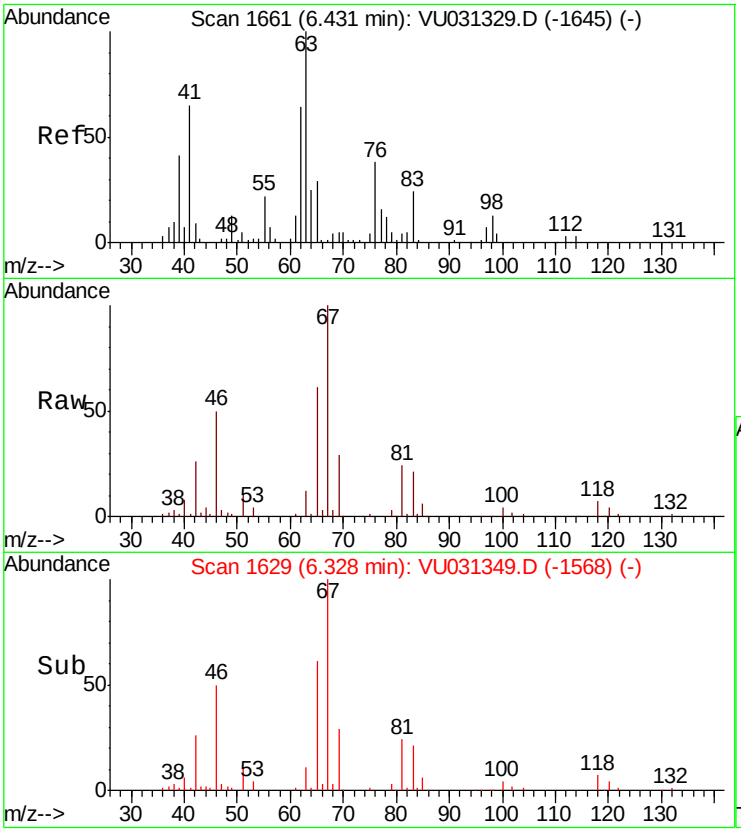




#35
Methylcyclohexane
Concen: 0.774 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU031349.D
Acq: 19 Apr 2019 10:07

Tgt Ion: 83 Resp: 18069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.2 | 70.6 | 105.8# |
| 98 | 0.4 | 37.0 | 55.4# |



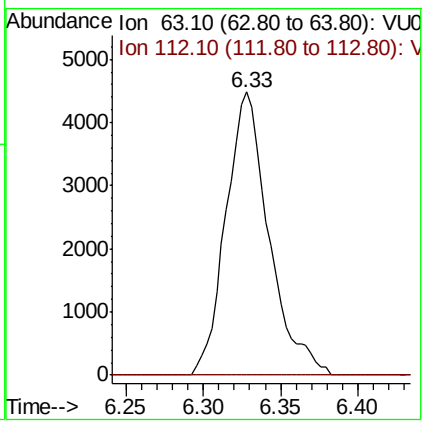


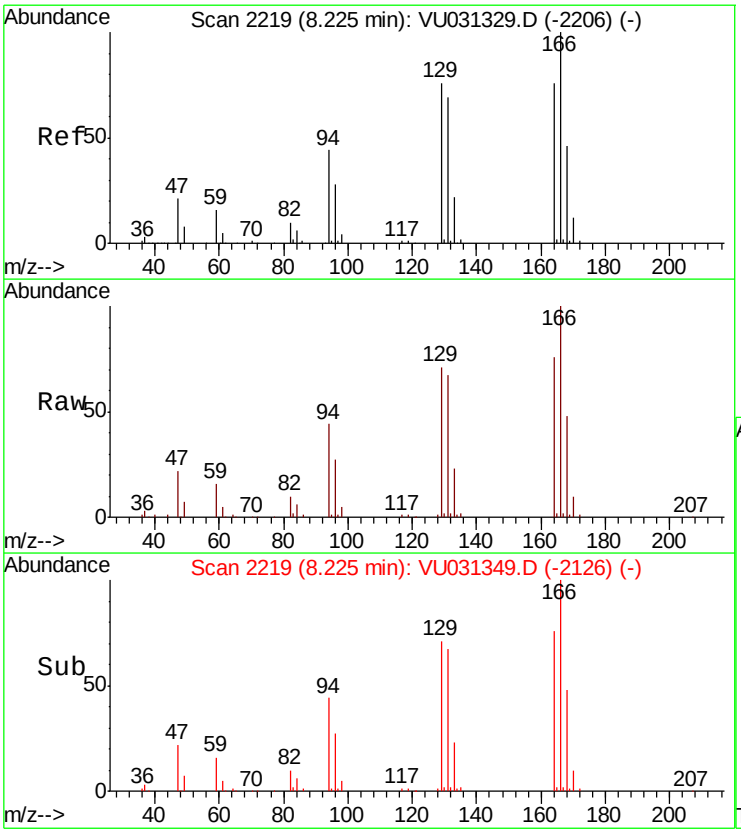

#37
1,2-Dichloropropane
Concen: 0.523 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU031349.D
Acq: 19 Apr 2019 10:07

**Instrument :** MSVOA_U
**ClientSampleId :** C0X28

Tgt Ion: 63 Resp: 8645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.5 | 5.3# |

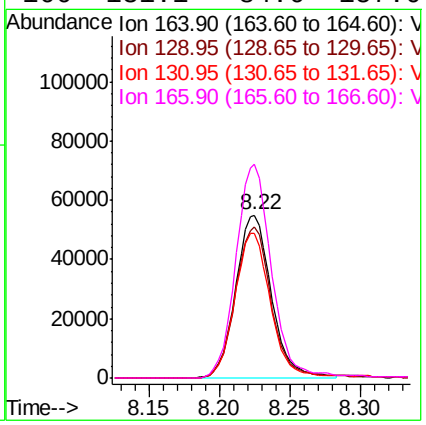


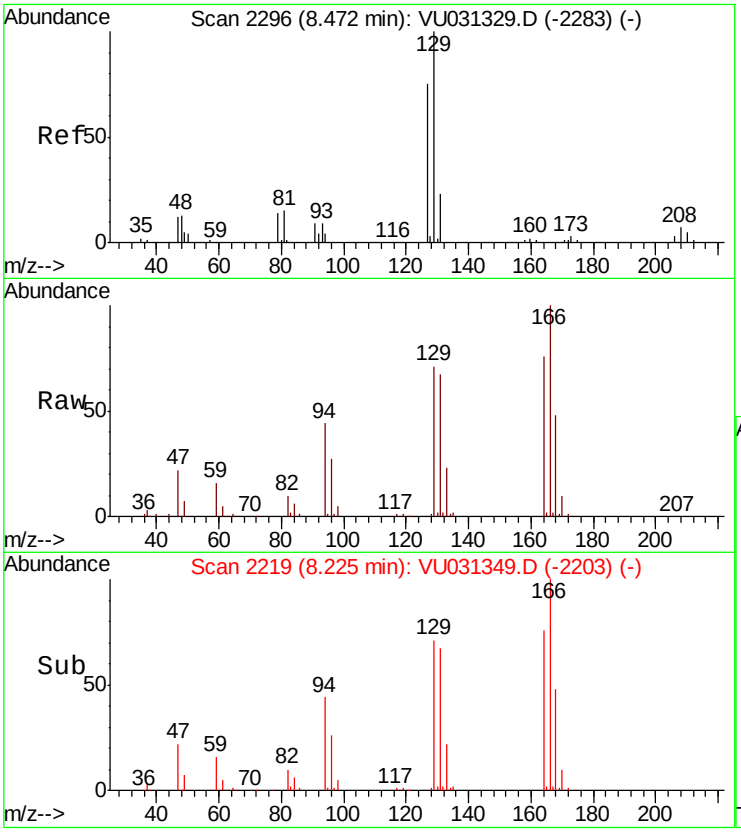




#47
Tetrachloroethene
Concen: 7.743 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031349.D
Acq: 19 Apr 2019 10:07

Tgt Ion:164 Resp: 97752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 92.5 | 61.9 | 114.9 |
| 131 | 88.5 | 61.5 | 114.3 |
| 166 | 131.1 | 84.6 | 157.0 |



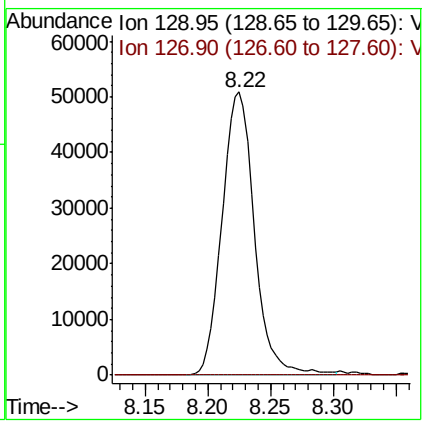


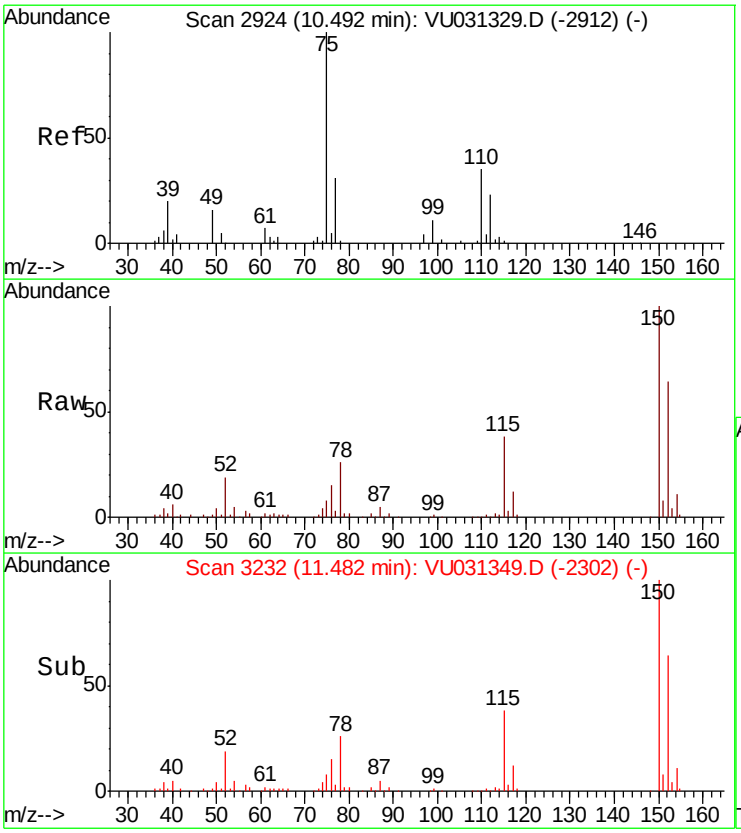

#49
Dibromochloromethane
Concen: 6.479 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU031349.D
Acq: 19 Apr 2019 10:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0X28

Tgt Ion:129 Resp: 91271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 53.3 | 99.1# |




#59
1,2,3-Trichloropropane
Concen: 0.710 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU031349.D
Acq: 19 Apr 2019 10:07

Tgt Ion: 75 Resp: 7657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 36.5 | 27.0 | 40.6 |