Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071719\

Quantitation Report (Not Reviewed)

Data File : VU033293.D
Acq On : 17 Jul 2019 16:22
Operator : JC/SP
Sample : K3772-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** A52N0

Quant Time: Jul 18 08:06:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 08:01:21 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.86 | 114 | 121938 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.07 | 117 | 129668 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152 | 54933 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.39 | 65 | 48949 | 3.99 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 79.80% | | | |
| 7) Chloroethane-d5 | 1.67 | 69 | 43715 | 4.27 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 85.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.26 | 63 | 81172 | 3.42 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 68.40% | | | |
| 20) 2-Butanone-d5 | 4.17 | 46 | 91738 | 39.64 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 79.28% | | | |
| 24) Chloroform-d | 4.62 | 84 | 81256 | 4.48 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 89.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.29 | 65 | 47871 | 4.89 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 97.80% | | | |
| 32) Benzene-d6 | 5.32 | 84 | 161267 | 4.47 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 89.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.31 | 67 | 54689 | 4.76 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 95.20% | | | |
| 41) Toluene-d8 | 7.55 | 98 | 136565 | 3.99 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 79.80% | | | |
| 43) trans-1,3-Dichloropropene- | 7.84 | 79 | 19202 | 4.17 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 83.40% | | | |
| 46) 2-Hexanone-d5 | 8.30 | 63 | 80538 | 42.58 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 85.16% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.42 | 84 | 45754 | 4.79 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 95.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.85 | 152 | 54665 | 5.11 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 102.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.32 | 50 | 25222 | 2.064 | ug/L | 98 |
| 5) Vinyl chloride | 1.40 | 62 | 4445 | 0.339 | ug/L | 83 |
| 13) Acetone | 2.31 | 43 | 10145 | 5.007 | ug/L | 95 |
| 15) Methyl Acetate | 2.43 | 43 | 2432 | 0.481 | ug/L # | 53 |
| 22) cis-1,2-Dichloroethene | 4.21 | 96 | 6206 | 0.664 | ug/L | 97 |
| 25) Chloroform | 4.65 | 83 | 4838 | 0.263 | ug/L | 98 |
| 34) Trichloroethene | 6.17 | 95 | 1285 | 0.132 | ug/L | 94 |
| 35) Methylcyclohexane | 6.31 | 83 | 12324 | 0.842 | ug/L # | 18 |
| 37) 1,2-Dichloropropane | 6.31 | 63 | 5643 | 0.568 | ug/L # | 90 |
| 42) Toluene | 7.62 | 91 | 20858 | 0.529 | ug/L | 99 |
| 59) 1,2,3-Trichloropropane | 11.47 | 75 | 6706 | 1.036 | ug/L | 94 |

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

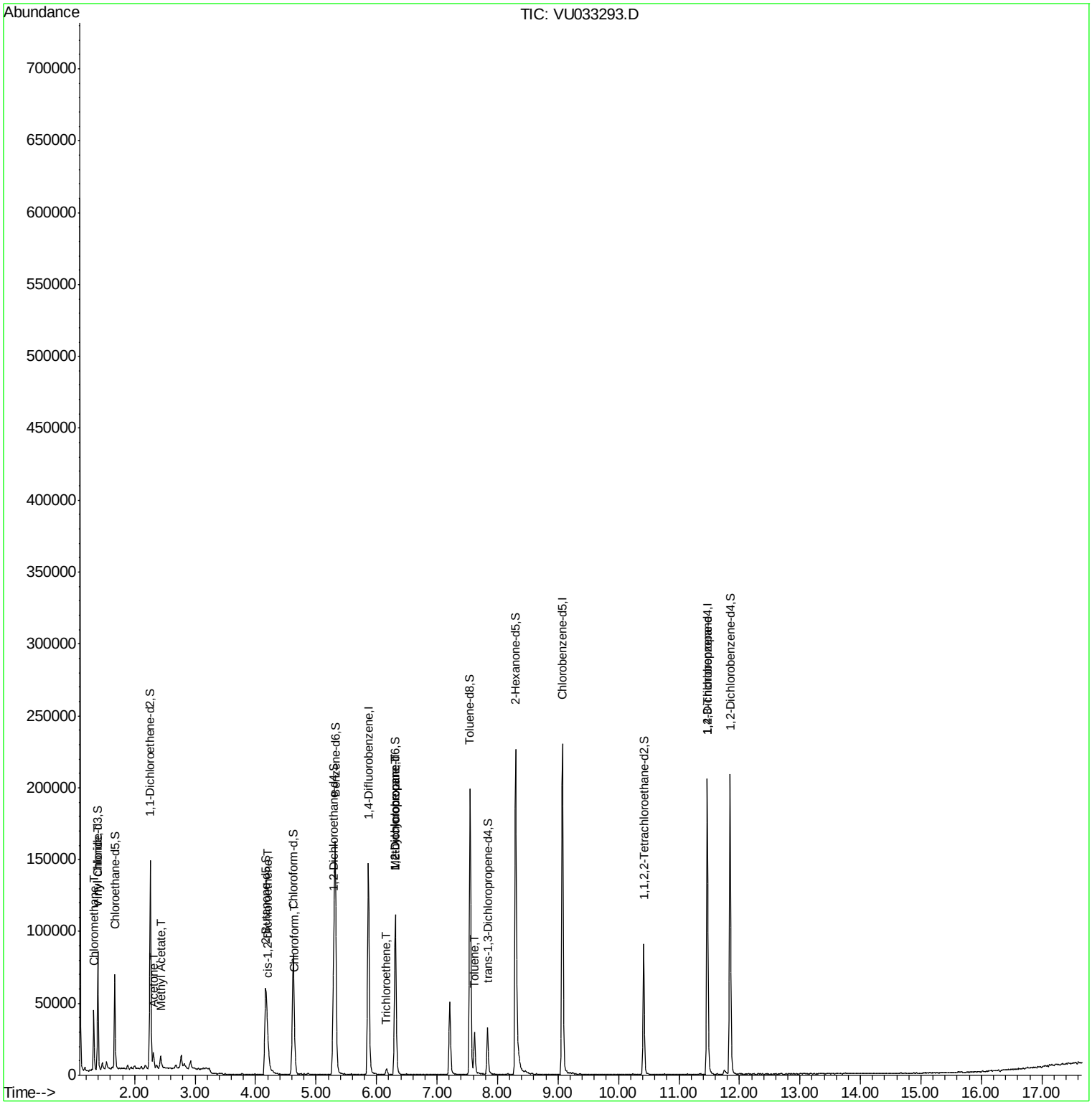
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071719\

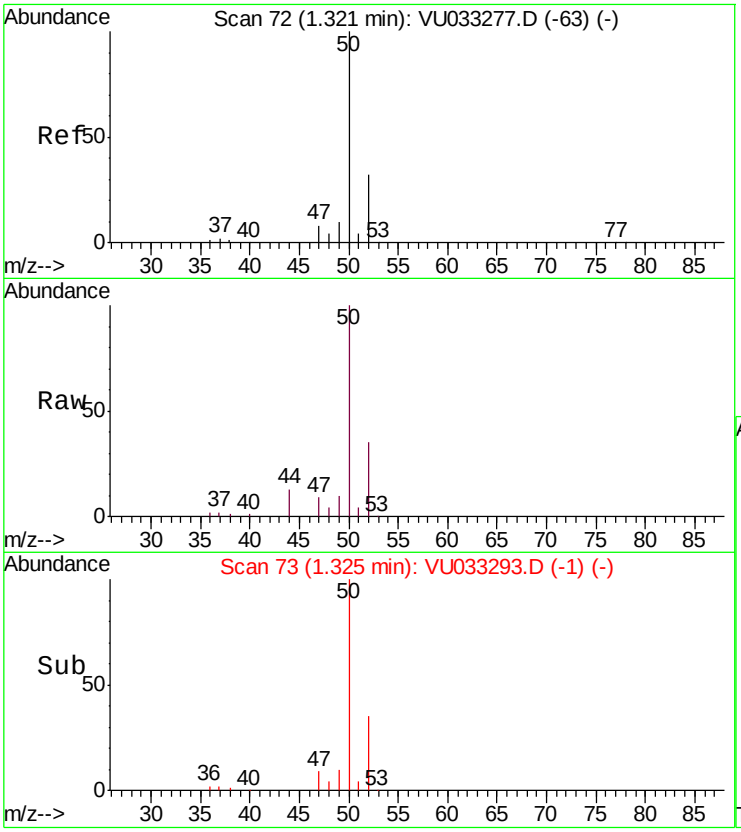
Quantitation Report (Not Reviewed)

Data File : VU033293.D
Acq On : 17 Jul 2019 16:22
Operator : JC/SP
Sample : K3772-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
A52N0

Quant Time: Jul 18 08:06:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 08:01:21 2019
Response via : Initial Calibration



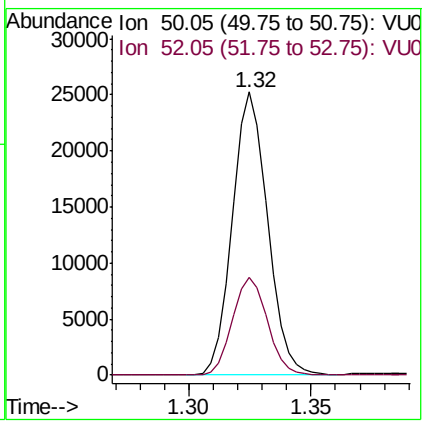


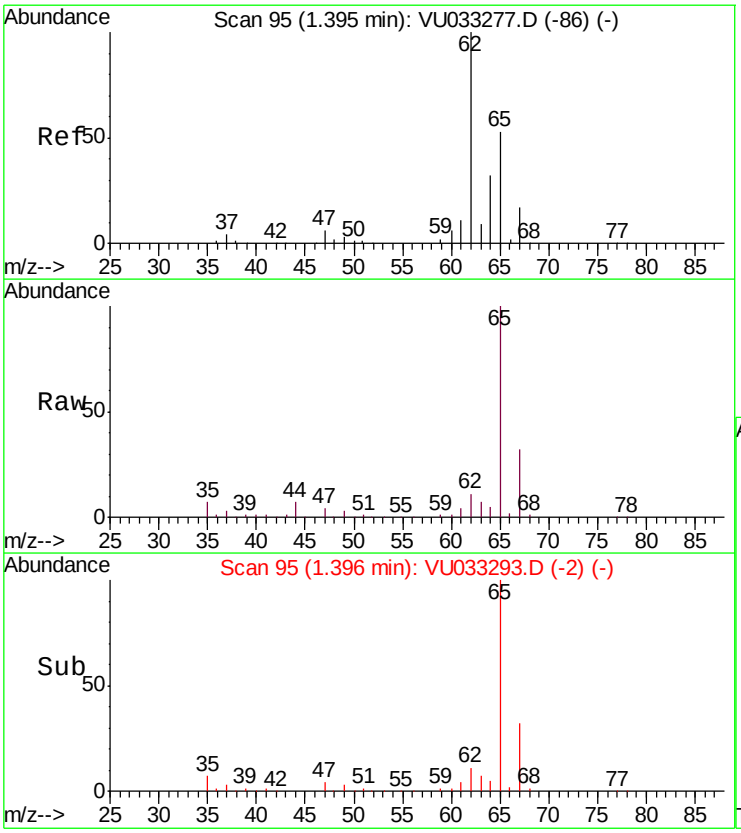

#3
Chloromethane
Concen: 2.064 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU033293.D
Acq: 17 Jul 2019 16:22

**Instrument :**
MSVOA_U
**ClientSampleId :**
A52N0

Tgt Ion: 50 Resp: 25222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 34.6 | 23.3 | 43.3 |

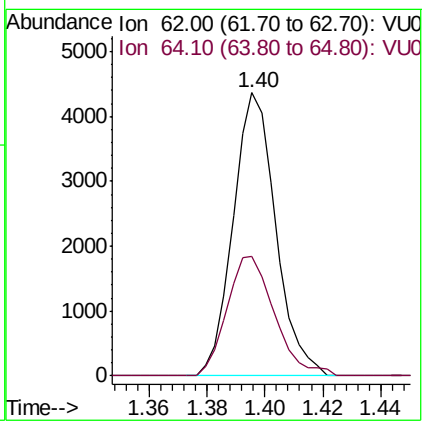


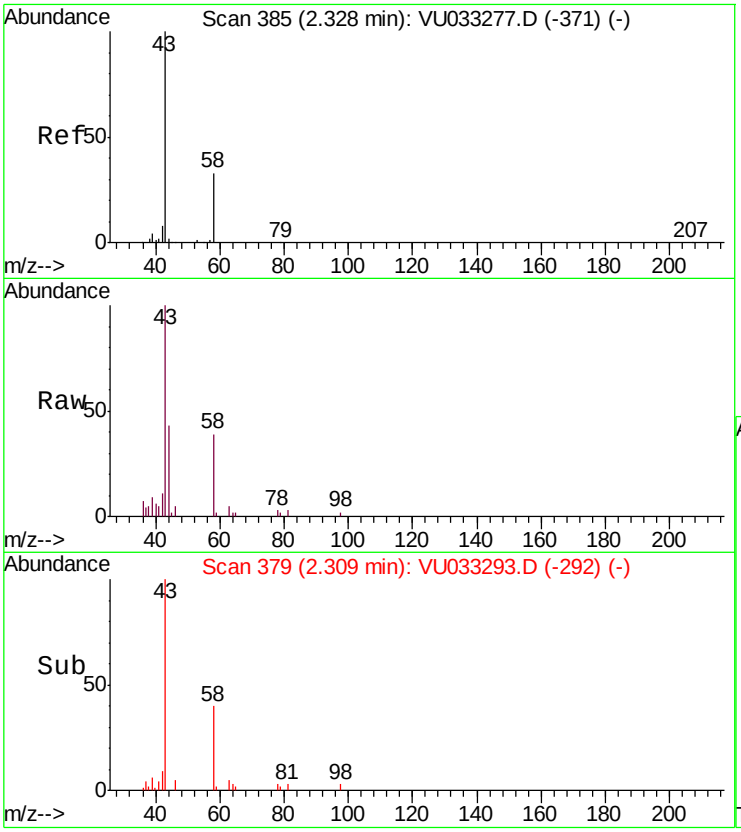




#5
Vinyl chloride
Concen: 0.339 ug/L
RT: 1.40 min Scan# 95
Delta R.T. 0.00 min
Lab File: VU033293.D
Acq: 17 Jul 2019 16:22

Tgt Ion: 62 Resp: 4445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 42.3 | 22.8 | 42.4 |



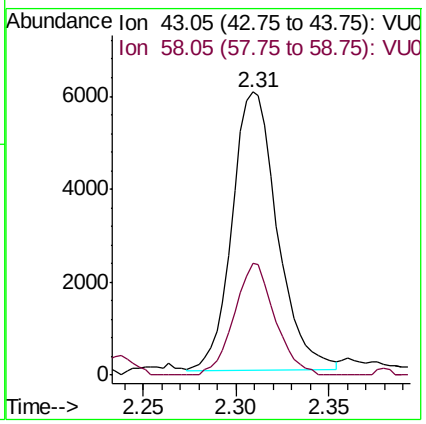


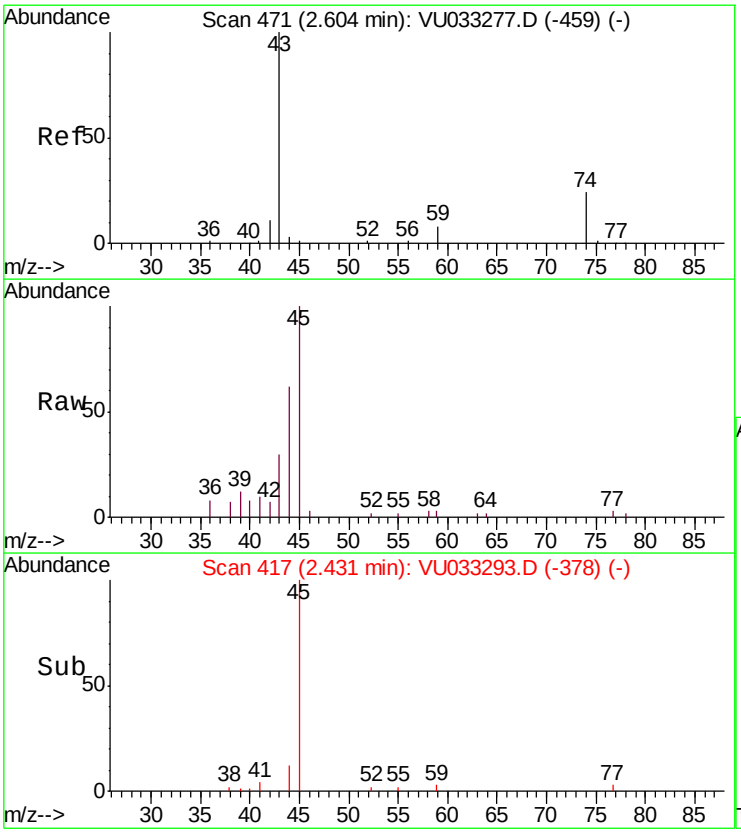

#13
Acetone
Concen: 5.007 ug/L
RT: 2.31 min Scan# 379
Delta R.T. -0.02 min
Lab File: VU033293.D
Acq: 17 Jul 2019 16:22

**Instrument :** MSVOA_U
**ClientSampleId :** A52N0

Tgt Ion: 43 Resp: 10145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.1 | 0.0 | 66.6 |

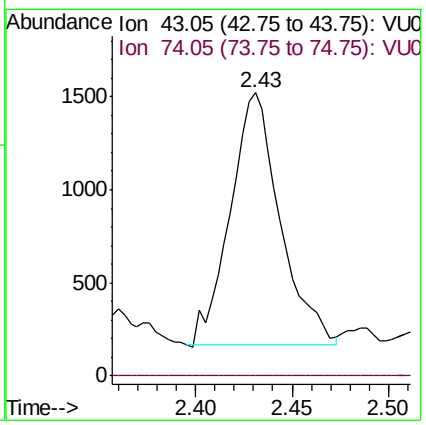


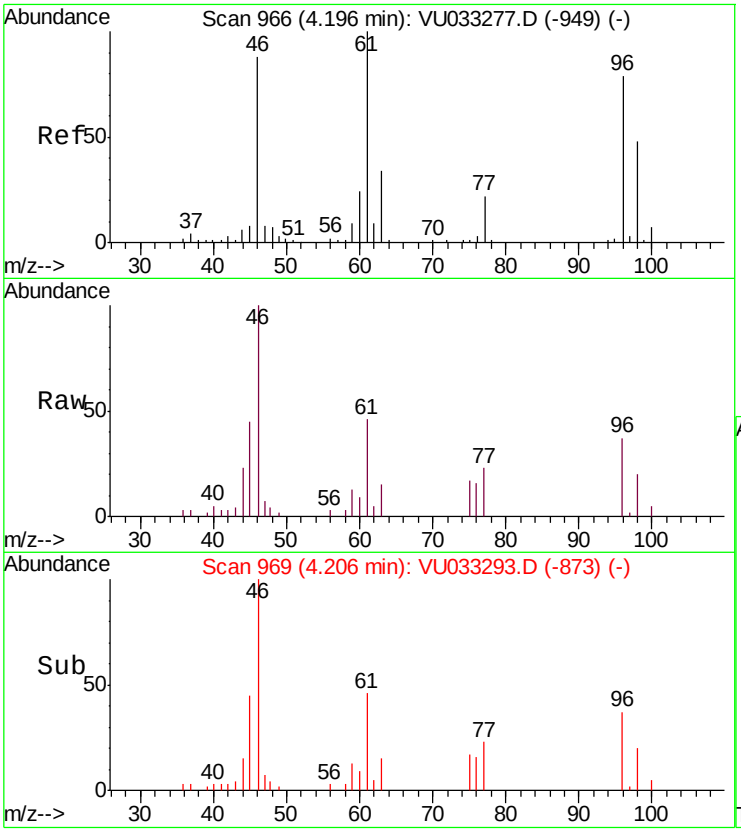




#15
Methyl Acetate
Concen: 0.481 ug/L
RT: 2.43 min Scan# 417
Delta R.T. -0.17 min
Lab File: VU033293.D
Acq: 17 Jul 2019 16:22

Tgt Ion: 43 Resp: 2432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 17.8 | 26.8# |



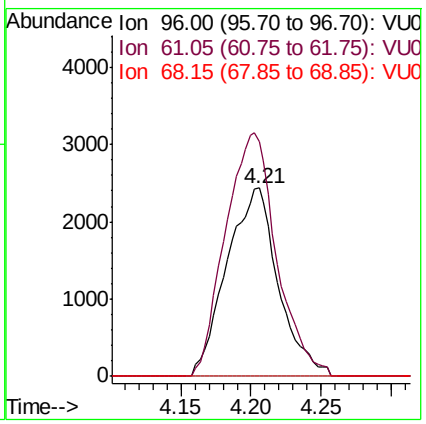


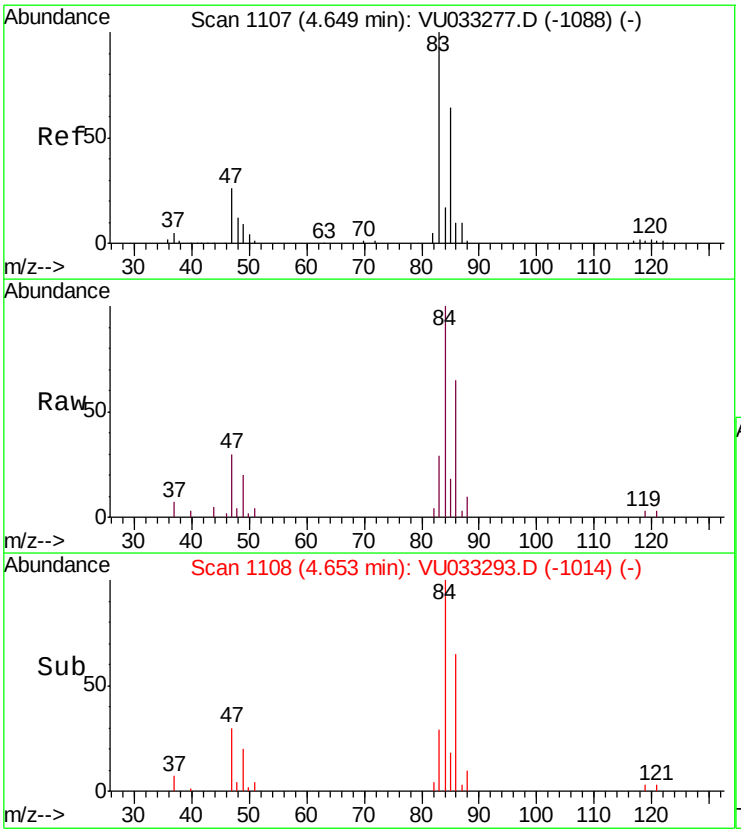

#22
cis-1,2-Dichloroethene
Concen: 0.664 ug/L
RT: 4.21 min Scan# 969
Delta R.T. 0.01 min
Lab File: VU033293.D
Acq: 17 Jul 2019 16:22

**Instrument :**
MSVOA_U
**ClientSampleId :**
A52N0

Tgt Ion: 96 Resp: 6206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 124.5 | 89.2 | 165.6 |
| 68 | 0.0 | 0.0 | 0.0 |

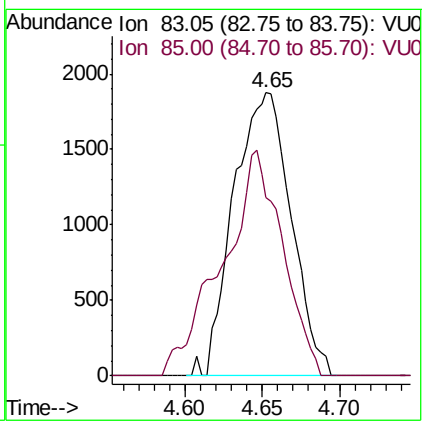


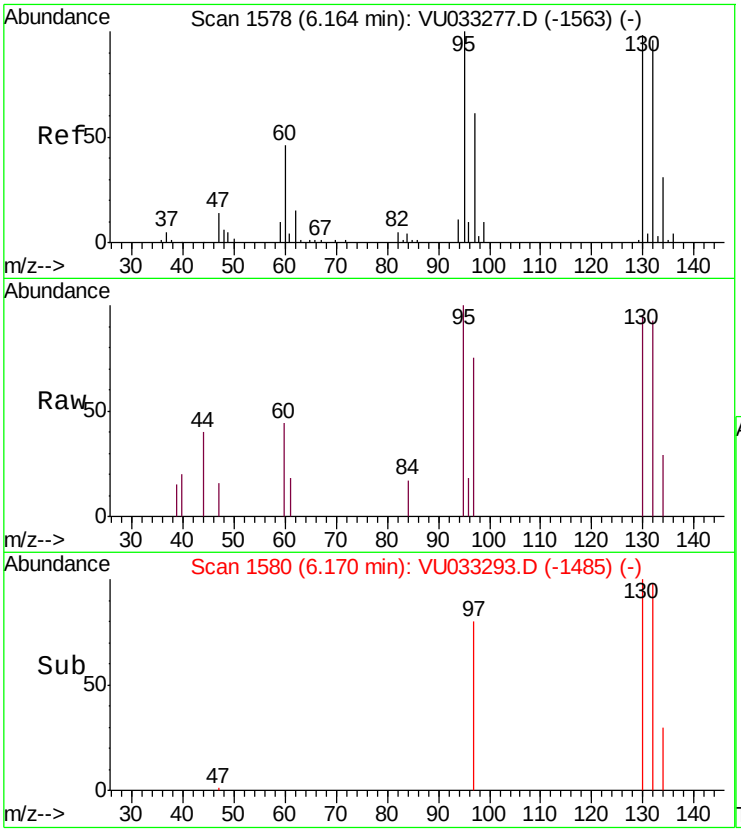




#25
Chloroform
Concen: 0.263 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU033293.D
Acq: 17 Jul 2019 16:22

Tgt Ion: 83 Resp: 4838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.2 | 45.4 | 84.4 |



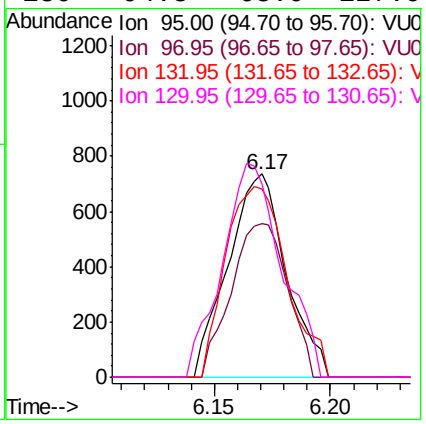


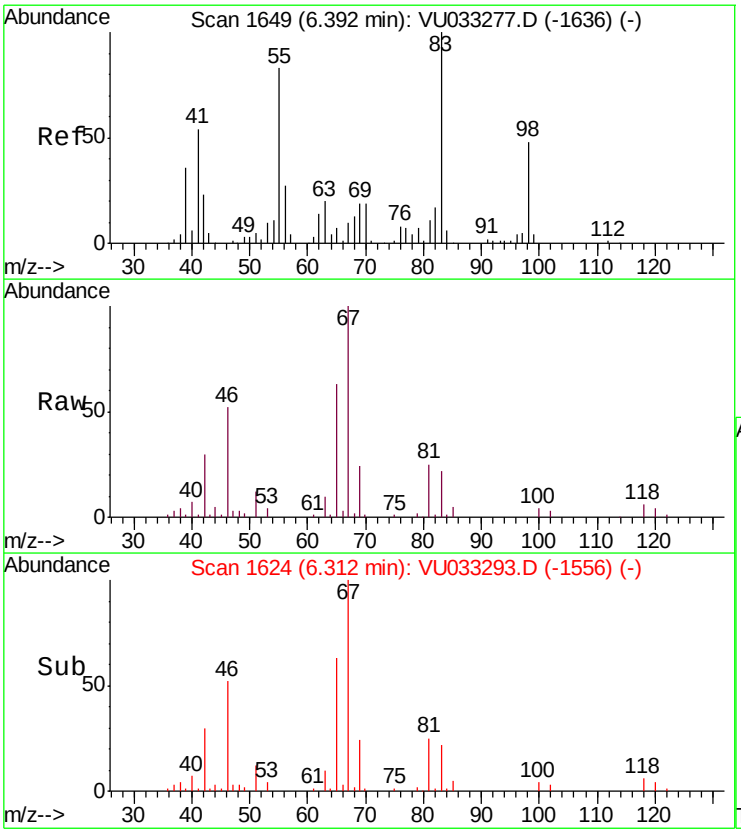

#34
Trichloroethene
Concen: 0.132 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VU033293.D
Acq: 17 Jul 2019 16:22

**Instrument :**
MSVOA_U
**ClientSampleId :**
A52N0

Tgt Ion: 95 Resp: 1285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 75.4 | 44.5 | 82.7 |
| 132 | 92.5 | 66.6 | 123.8 |
| 130 | 94.8 | 68.9 | 127.9 |

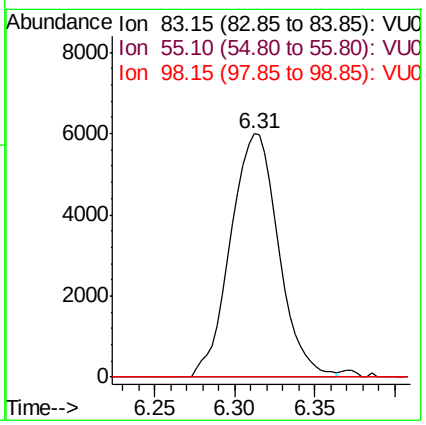


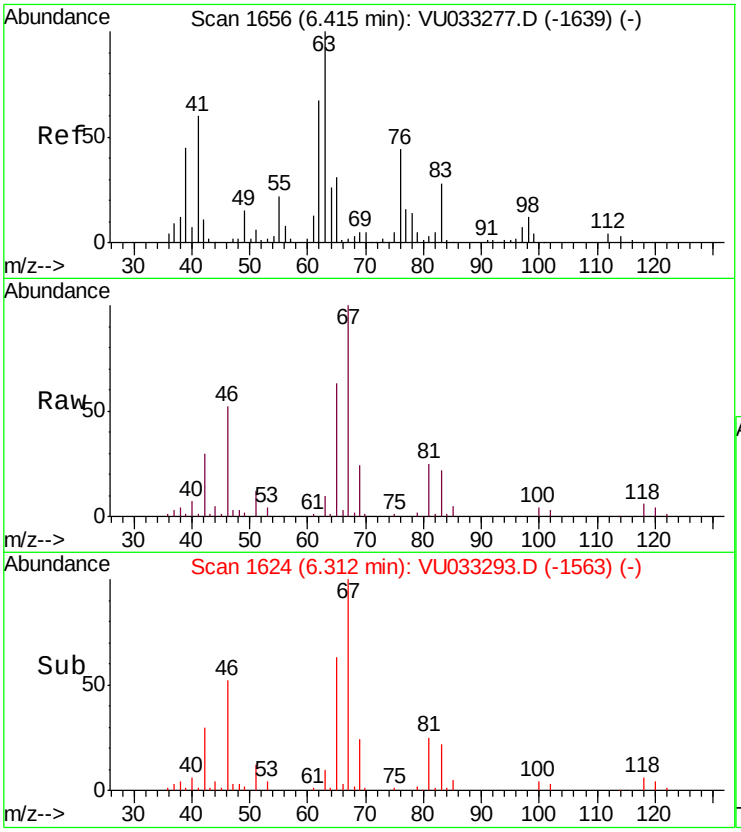




#35
Methylcyclohexane
Concen: 0.842 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU033293.D
Acq: 17 Jul 2019 16:22

Tgt Ion: 83 Resp: 12324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 62.6 | 94.0# |
| 98 | 0.5 | 36.2 | 54.2# |



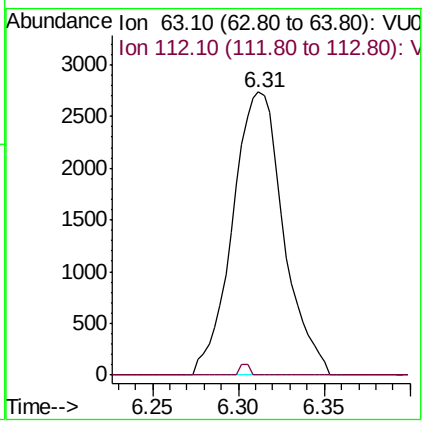


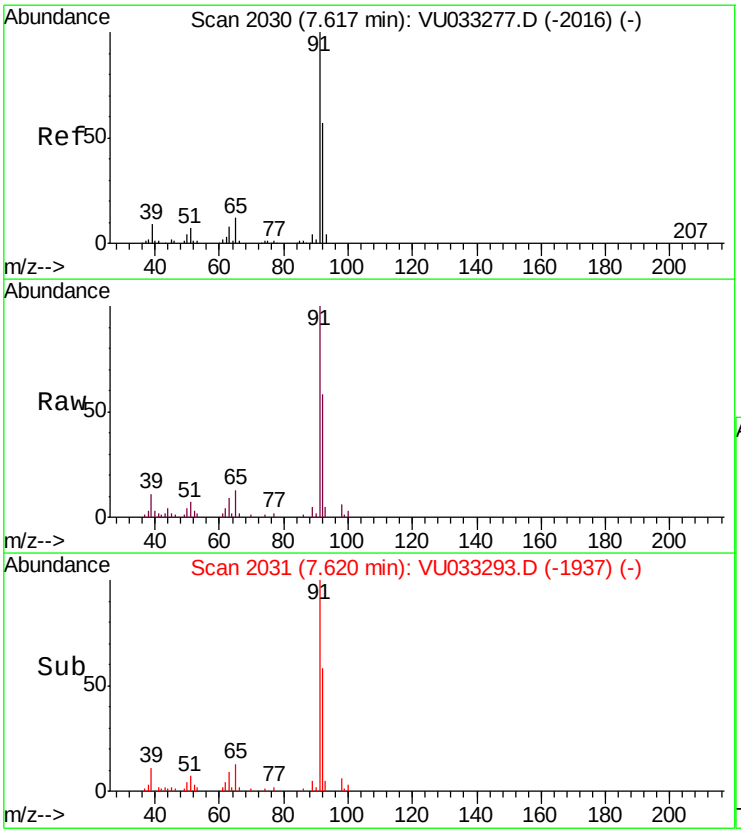

#37
1,2-Dichloropropane
Concen: 0.568 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU033293.D
Acq: 17 Jul 2019 16:22

**Instrument :** MSVOA_U
**ClientSampleId :** A52N0

Tgt Ion: 63 Resp: 5643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.7 | 3.1 | 4.7# |

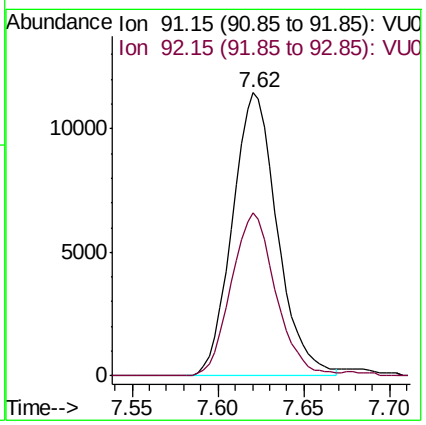


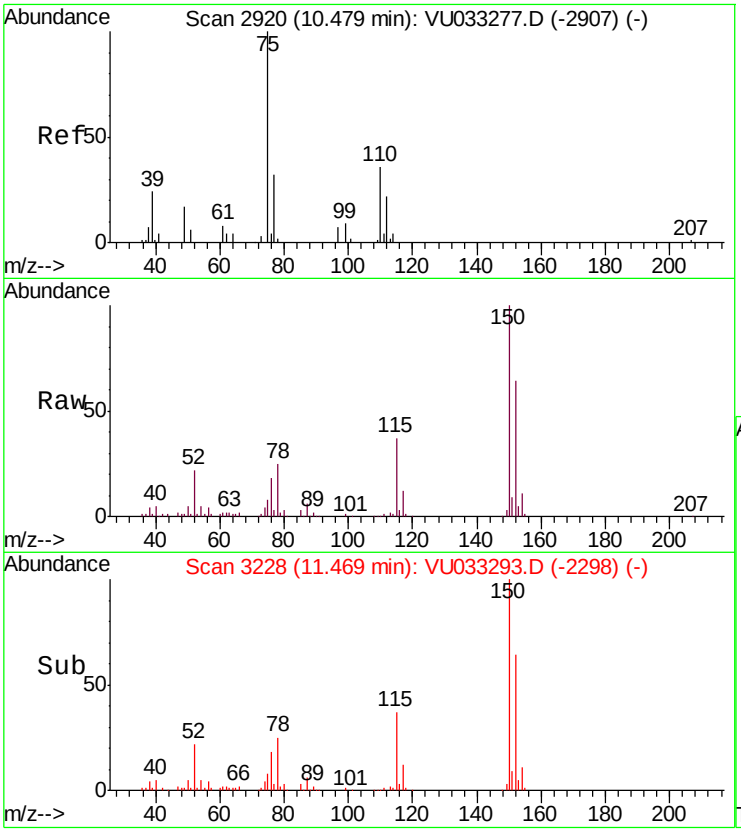




#42
Toluene
Concen: 0.529 ug/L
RT: 7.62 min Scan# 2031
Delta R.T. 0.00 min
Lab File: VU033293.D
Acq: 17 Jul 2019 16:22

Tgt Ion: 91 Resp: 20858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 57.6 | 40.0 | 74.2 |






#59
1,2,3-Trichloropropane
Concen: 1.036 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU033293.D
Acq: 17 Jul 2019 16:22

**Instrument :**
MSVOA_U
**ClientSampleId :**
A52N0

Tgt Ion: 75 Resp: 6706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 36.3 | 26.5 | 39.7 |