Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022819\

Quantitation Report (Not Reviewed)

Data File : VU029728.D
Acq On : 28 Feb 2019 11:20
Operator : JC/SP
Sample : K1577-20RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** CWK11

Quant Time: Mar 01 00:22:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 00:18:18 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.88 | 114 | 261186 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 252777 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 128388 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 73228 | 4.29 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 85.80% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 73238 | 4.56 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 91.20% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 117212 | 3.20 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 64.00% | | | |
| 20) 2-Butanone-d5 | 4.19 | 46 | 214275 | 55.56 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 111.12% | | | |
| 24) Chloroform-d | 4.65 | 84 | 150871 | 5.02 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 100.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 81565 | 5.02 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 100.40% | | | |
| 32) Benzene-d6 | 5.34 | 84 | 332148 | 5.12 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 102.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.33 | 67 | 100677 | 5.33 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 106.60% | | | |
| 41) Toluene-d8 | 7.56 | 98 | 300488 | 4.73 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 94.60% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 38181 | 4.92 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 98.40% | | | |
| 46) 2-Hexanone-d5 | 8.31 | 63 | 201857 | 53.13 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 106.26% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43 | 84 | 84224 | 4.97 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 99.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.86 | 152 | 121483 | 4.81 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 96.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.27 | 101 | 1400 | 0.069 | ug/L # | 19 |
| 12) 1,1-Dichloroethene | 2.27 | 96 | 1108 | 0.057 | ug/L # | 1 |
| 13) Acetone | 2.32 | 43 | 13015 | 4.697 | ug/L | 95 |
| 25) Chloroform | 4.67 | 83 | 10068 | 0.306 | ug/L | 91 |
| 35) Methylcyclohexane | 6.33 | 83 | 23561 | 0.779 | ug/L # | 21 |
| 37) 1,2-Dichloropropane | 6.33 | 63 | 11070 | 0.658 | ug/L # | 86 |
| 39) cis-1,3-Dichloropropene | 7.22 | 75 | 2376 | 0.096 | ug/L # | 64 |
| 40) 4-Methyl-2-pentanone | 7.40 | 43 | 5698 | 0.602 | ug/L # | 41 |
| 42) Toluene | 7.64 | 91 | 6830 | 0.090 | ug/L | 96 |
| 48) 2-Hexanone | 8.31 | 43 | 20881 | 3.019 | ug/L # | 65 |
| 59) 1,2,3-Trichloropropane | 11.48 | 75 | 13086 | 1.164 | ug/L # | 85 |

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

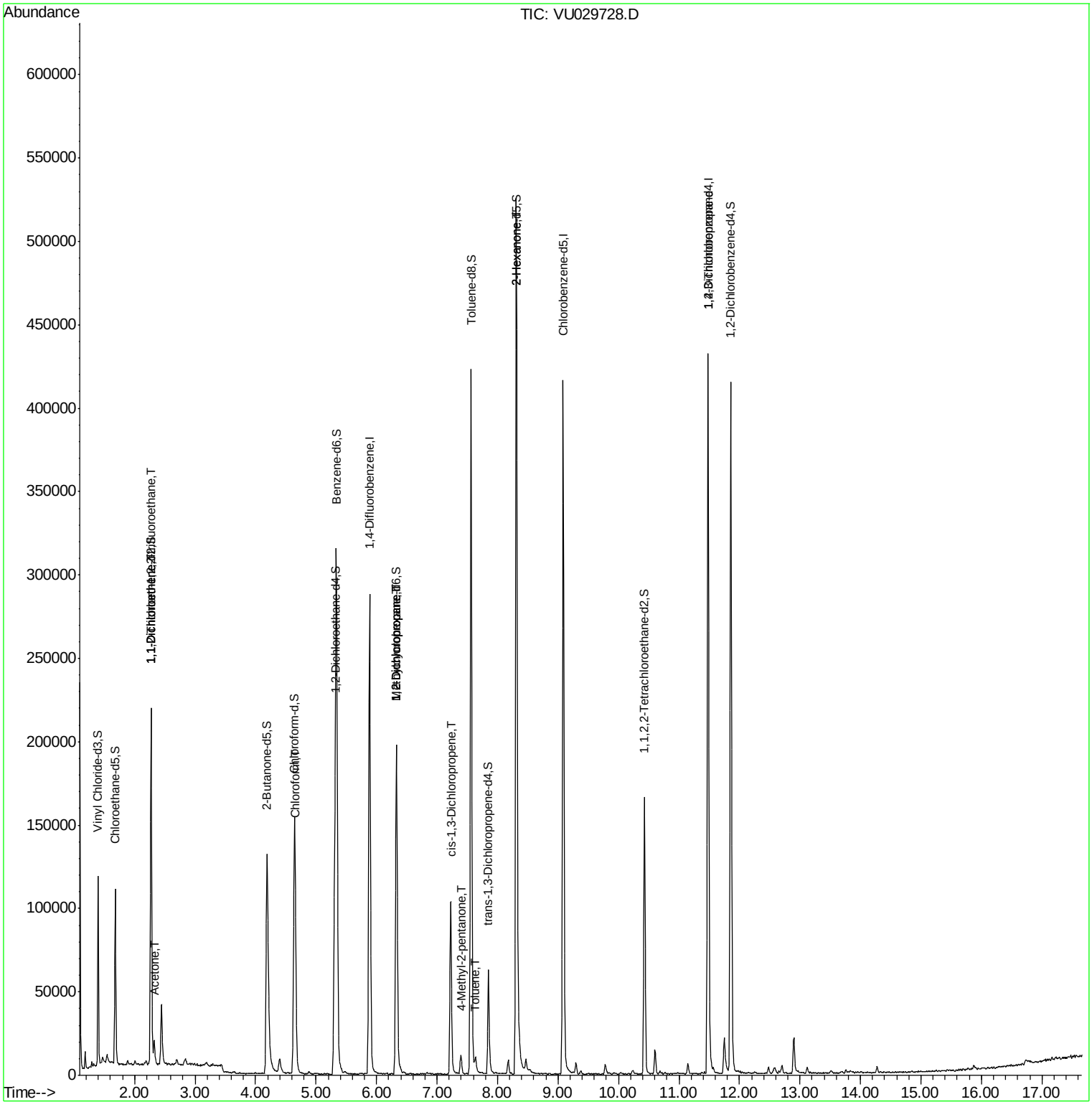
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022819\

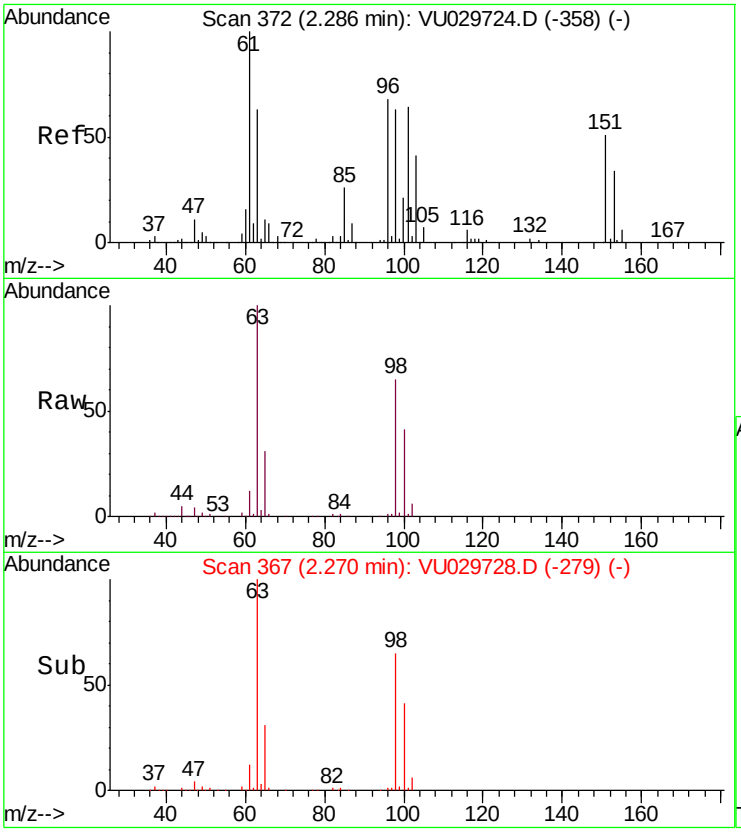
Quantitation Report (Not Reviewed)

Data File : VU029728.D
Acq On : 28 Feb 2019 11:20
Operator : JC/SP
Sample : K1577-20RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** CWK11

Quant Time: Mar 01 00:22:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 00:18:18 2019
Response via : Initial Calibration



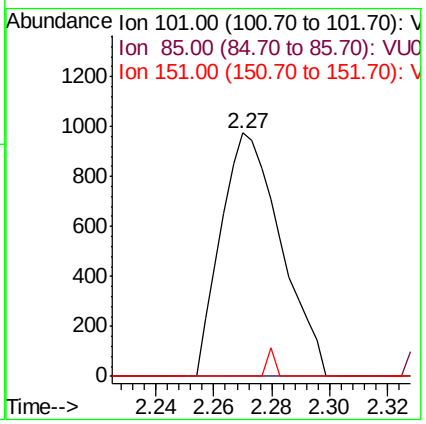


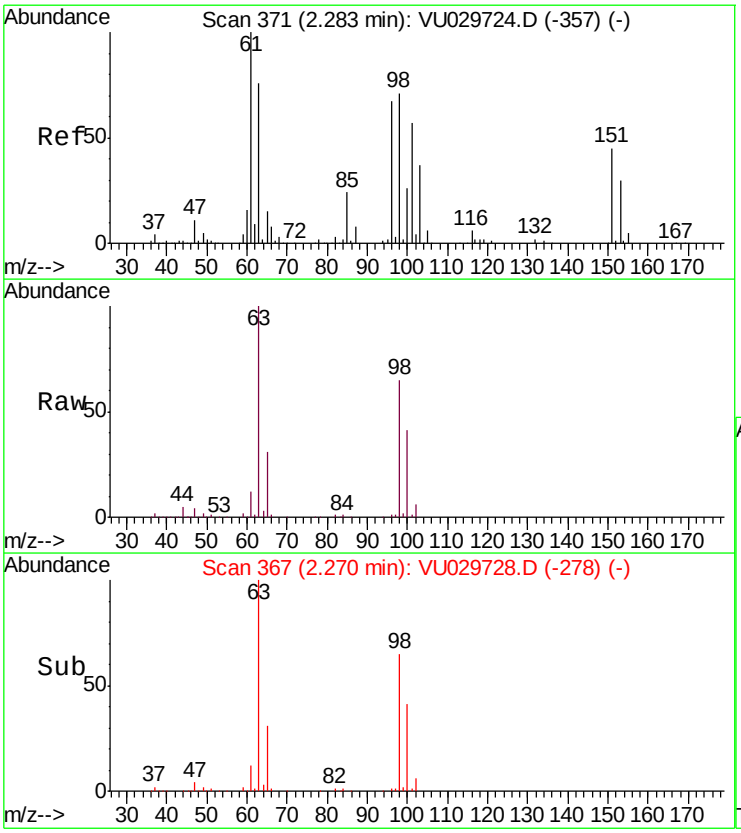

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.069 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU029728.D
Acq: 28 Feb 2019 11:20

**Instrument :**
MSVOA_U
**ClientSampleId :**
CWK11

Tgt Ion:101 Resp: 1400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 1.4 | 32.8 | 49.2# |
| 151 | 1.6 | 65.9 | 98.9# |

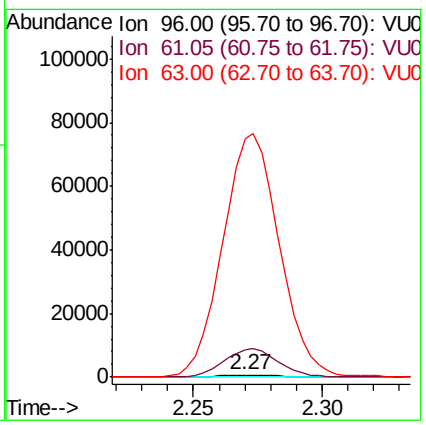


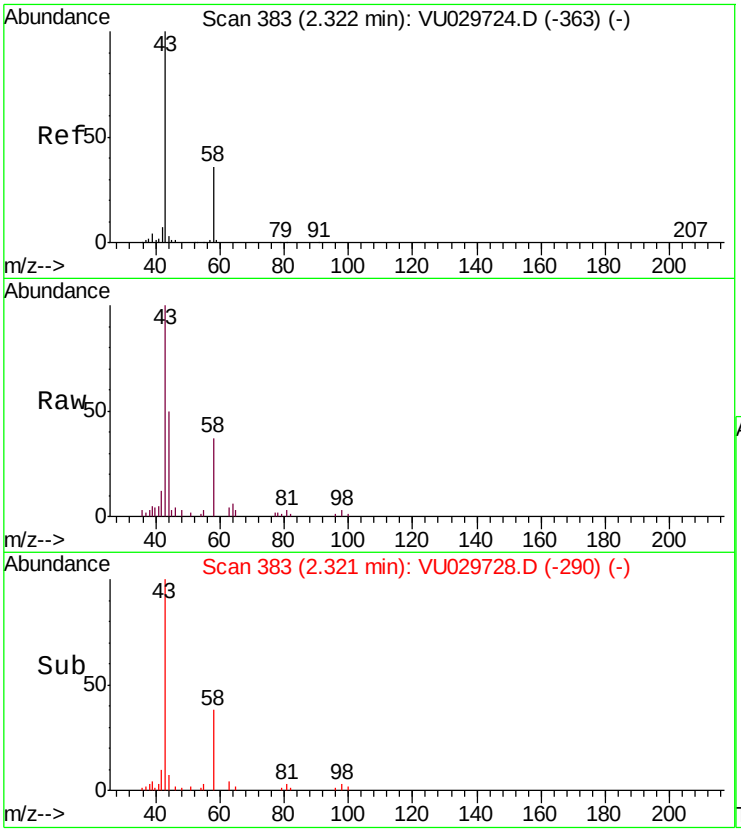




#12
1,1-Dichloroethene
Concen: 0.057 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029728.D
Acq: 28 Feb 2019 11:20

Tgt Ion: 96 Resp: 1108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1327.2 | 111.3 | 206.7# |
| 63 | 11537.2 | 88.5 | 164.3# |



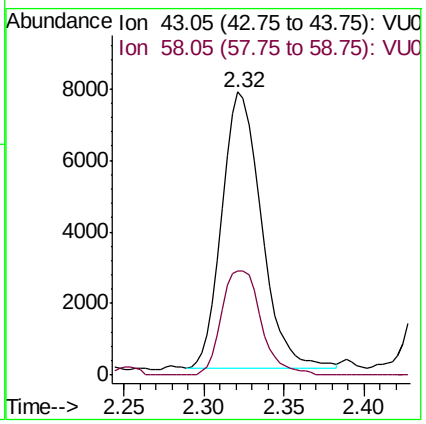


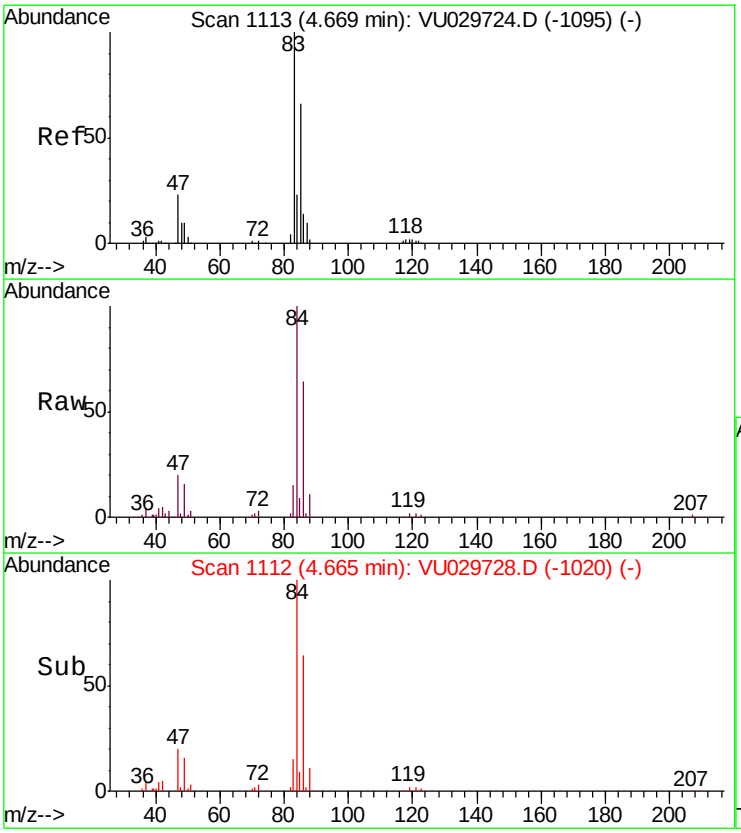

#13
Acetone
Concen: 4.697 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.00 min
Lab File: VU029728.D
Acq: 28 Feb 2019 11:20

**Instrument :**
MSVOA_U
**ClientSampleId :**
CWK11

Tgt Ion: 43 Resp: 13015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.9 | 0.0 | 70.2 |

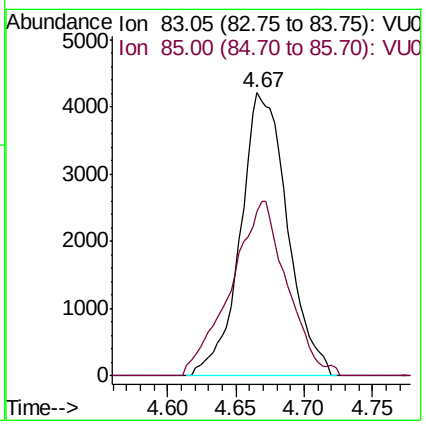


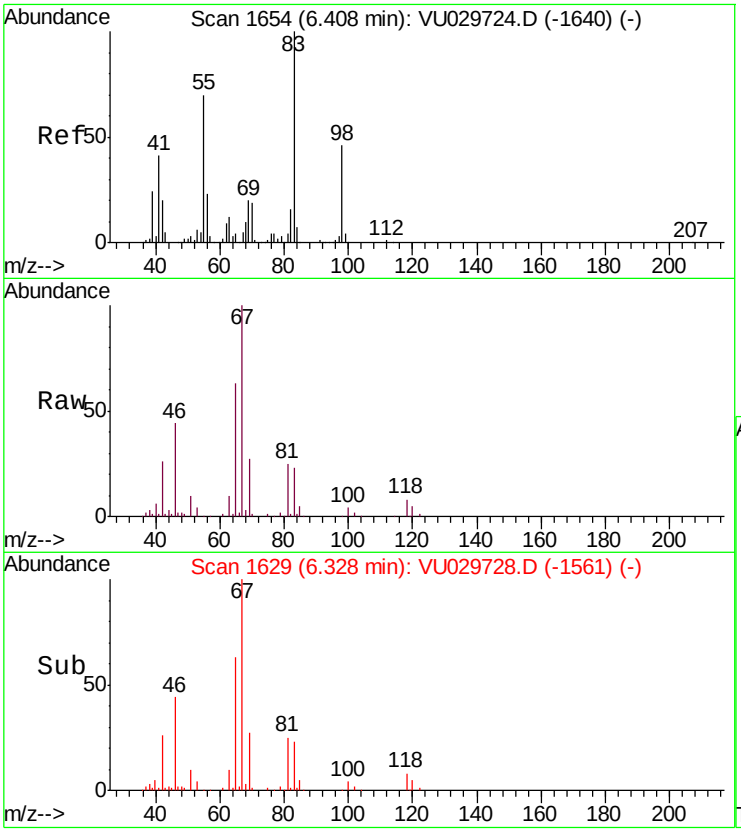




#25
Chloroform
Concen: 0.306 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU029728.D
Acq: 28 Feb 2019 11:20

Tgt Ion: 83 Resp: 10068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 58.2 | 45.6 | 84.6 |



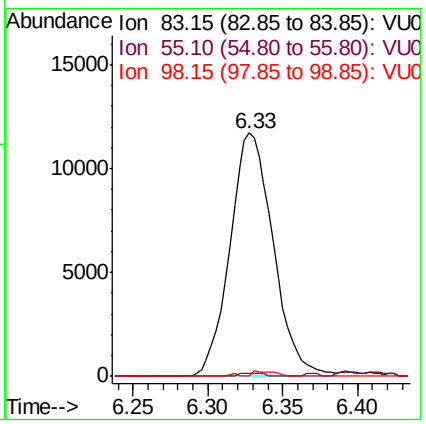


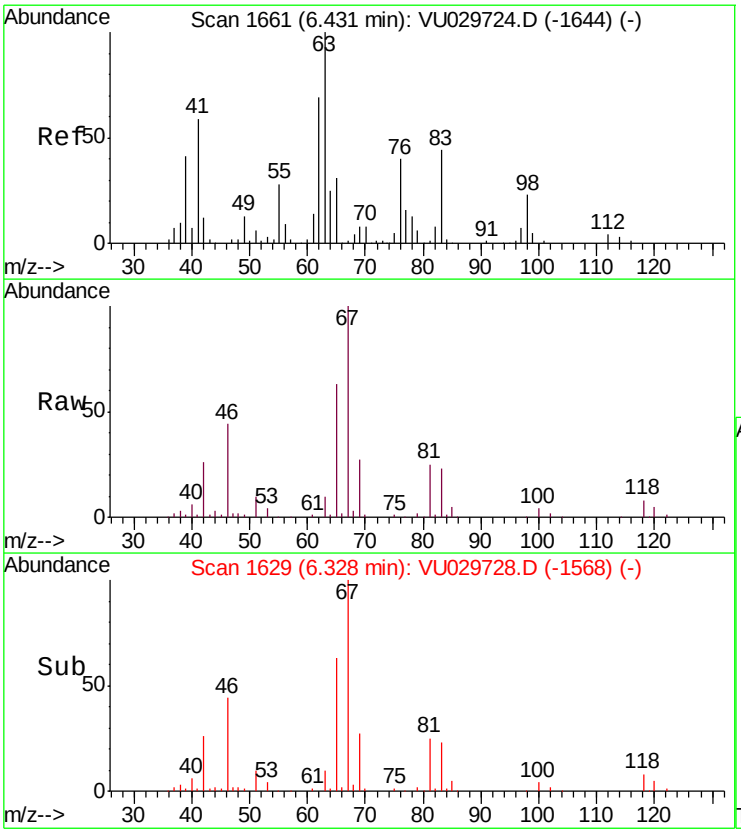

#35
Methylcyclohexane
Concen: 0.779 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029728.D
Acq: 28 Feb 2019 11:20

**Instrument :**
MSVOA_U
**ClientSampleId :**
CWK11

Tgt Ion: 83 Resp: 23561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.7 | 56.5 | 84.7# |
| 98 | 1.1 | 39.4 | 59.2# |

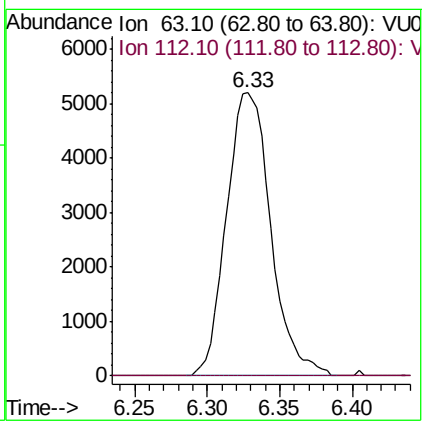


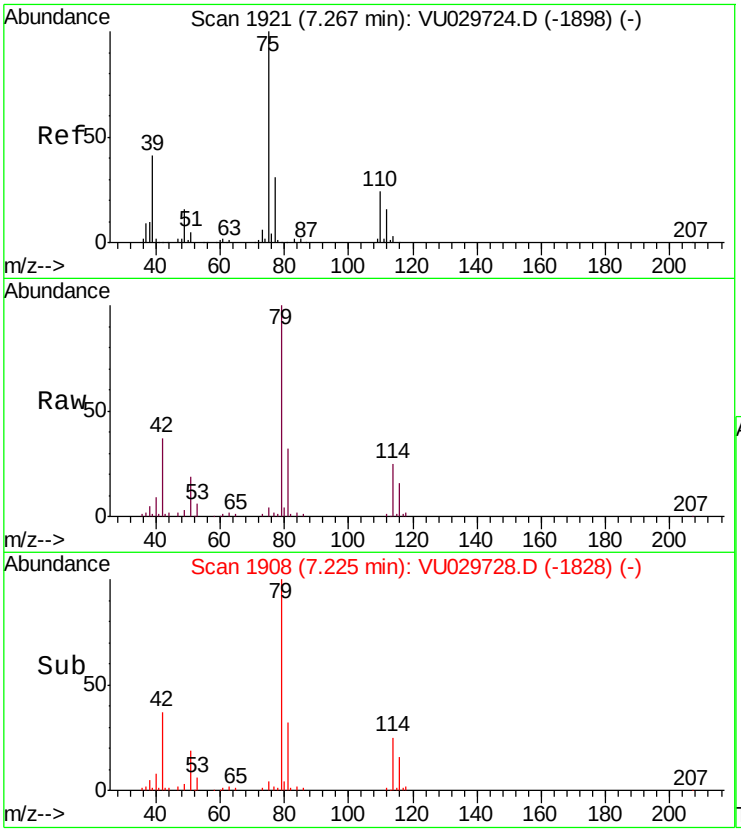




#37
1,2-Dichloropropane
Concen: 0.658 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029728.D
Acq: 28 Feb 2019 11:20

Tgt Ion: 63 Resp: 11070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.6 | 5.4# |



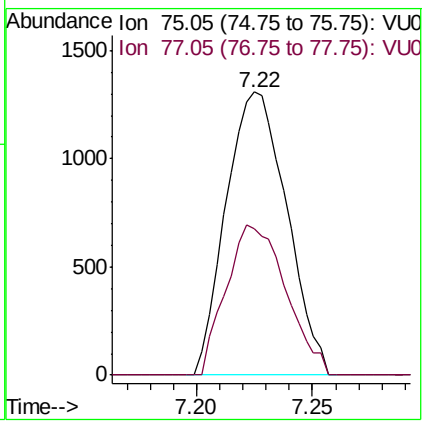


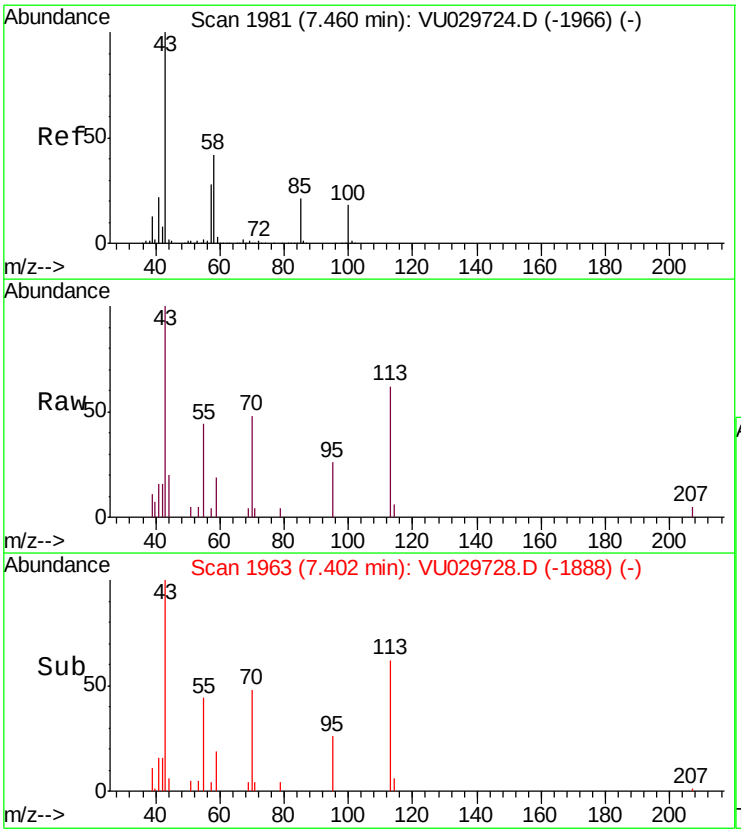

#39
cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029728.D
Acq: 28 Feb 2019 11:20

**Instrument :**
MSVOA_U
**ClientSampleId :**
CWK11

Tgt Ion: 75 Resp: 2376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 51.7 | 22.3 | 41.5# |

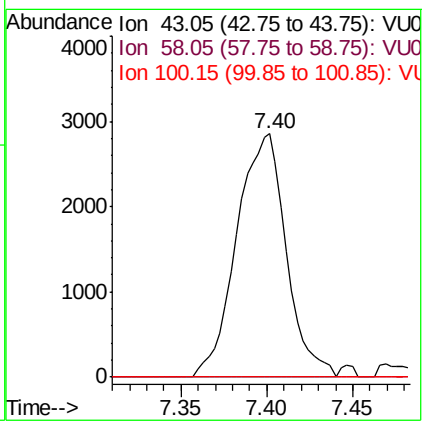


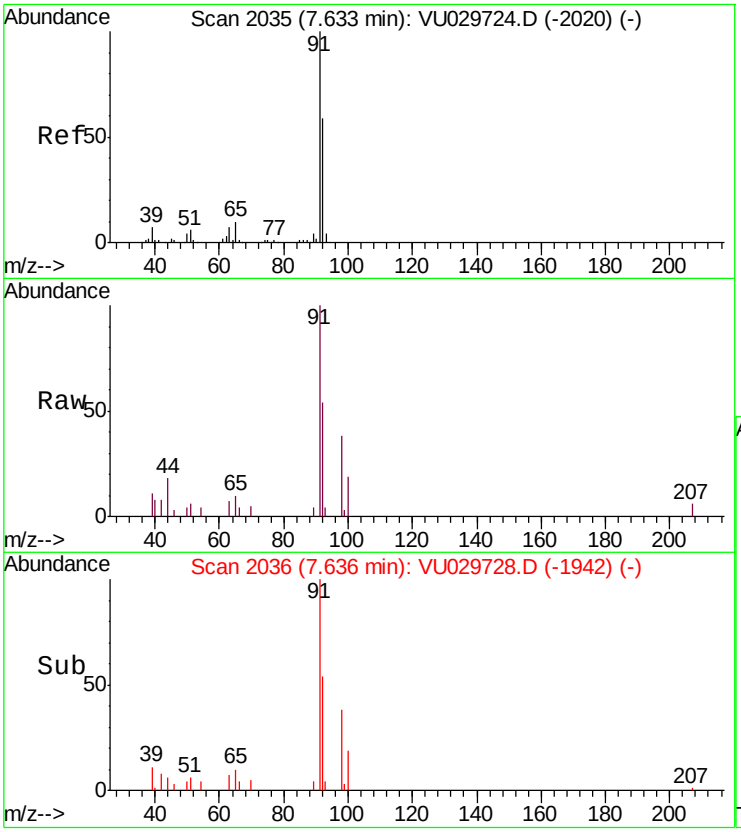




#40
4-Methyl-2-pentanone
Concen: 0.602 ug/L
RT: 7.40 min Scan# 1963
Delta R.T. -0.06 min
Lab File: VU029728.D
Acq: 28 Feb 2019 11:20

Tgt Ion: 43 Resp: 5698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 33.8 | 50.8# |
| 100 | 0.0 | 14.2 | 21.2# |



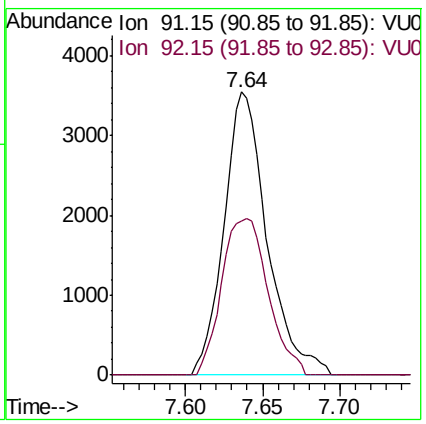


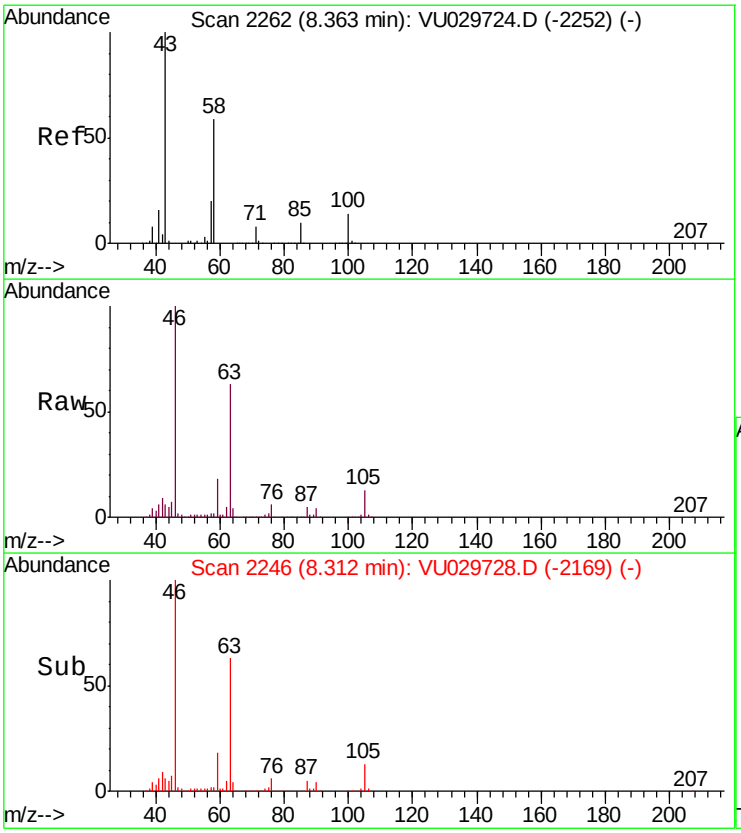

#42
Toluene
Concen: 0.090 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU029728.D
Acq: 28 Feb 2019 11:20

**Instrument :**
MSVOA_U
**ClientSampleId :**
CWK11

Tgt Ion: 91 Resp: 6830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.5 | 40.1 | 74.5 |

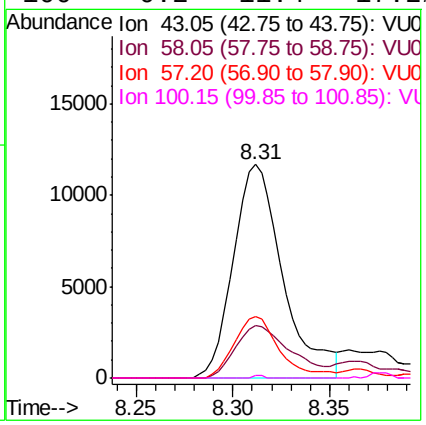


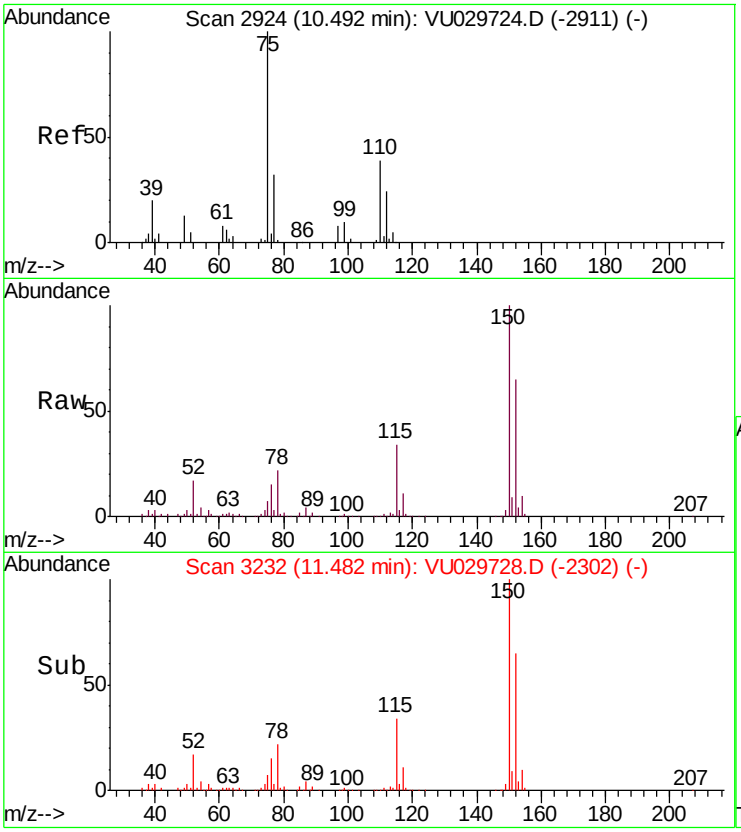




#48
2-Hexanone
Concen: 3.019 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
Lab File: VU029728.D
Acq: 28 Feb 2019 11:20

Tgt Ion: 43 Resp: 20881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.9 | 46.6 | 69.8# |
| 57 | 26.3 | 15.9 | 23.9# |
| 100 | 0.2 | 11.4 | 17.2# |






#59
1,2,3-Trichloropropane
Concen: 1.164 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029728.D
Acq: 28 Feb 2019 11:20

**Instrument :**
MSVOA_U
**ClientSampleId :**
CWK11

Tgt Ion: 75 Resp: 13086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 40.2 | 25.6 | 38.4# |