Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022720\

Quantitation Report (Not Reviewed)

Data File : VU036937.D
Acq On : 27 Feb 2020 12:46
Operator : JC/MD
Sample : L1686-11ME
Misc : 6.53g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAW08ME

Quant Time: Feb 27 22:03:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 22:00:13 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.28 | 114 | 253793 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.44 | 117 | 244128 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152 | 103860 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 78561 | 36.86 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 73.72% | | | |
| 7) Chloroethane-d5 | 1.89 | 69 | 26917 | 15.26 | ug/L | -0.04 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 30.52%# | | | |
| 11) 1,1-Dichloroethene-d2 | 2.56 | 63 | 107668 | 30.17 | ug/L | -0.04 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 60.34% | | | |
| 21) 2-Butanone-d5 | 4.68 | 46 | 138293 | 96.73 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 96.73% | | | |
| 24) Chloroform-d | 5.10 | 84 | 145172 | 44.61 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 89.22% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.74 | 65 | 105548 | 47.92 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 95.84% | | | |
| 32) Benzene-d6 | 5.75 | 84 | 323528 | 45.83 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 91.66% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.72 | 67 | 107497 | 47.00 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 94.00% | | | |
| 41) Toluene-d8 | 7.92 | 98 | 292666 | 44.68 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 89.36% | | | |
| 43) trans-1,3-Dichloropropene- | 8.20 | 79 | 47871 | 45.04 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 90.08% | | | |
| 47) 2-Hexanone-d5 | 8.67 | 63 | 121780 | 108.89 | ug/L | 0.01 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 108.89% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78 | 84 | 167724 | 52.01 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 104.02% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.21 | 152 | 96684 | 47.62 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 95.24% | | | |

| Target Compounds | | | | | | Qvalue |
|---|---|---|---|---|---|---|
| 3) Chloromethane | 1.53 | 50 | 1977 | 0.798 | ug/L | 89 |
| 13) Acetone | 2.67 | 43 | 13098 | 8.907 | ug/L | 98 |
| 15) Methyl Acetate | 2.98 | 43 | 5248 | 2.341 | ug/L | 100 |
| 22) 2-Butanone | 4.76 | 43 | 52257 | 29.470 | ug/L | 95 |
| 34) Trichloroethene | 6.57 | 95 | 16868 | 8.899 | ug/L | 99 |
| 35) Methylcyclohexane | 6.72 | 83 | 23742 | 7.224 | ug/L # | 19 |
| 37) 1,2-Dichloropropane | 6.72 | 63 | 11715 | 5.641 | ug/L # | 88 |
| 39) cis-1,3-Dichloropropene | 7.59 | 75 | 2948 | 0.922 | ug/L # | 61 |
| 42) Toluene | 7.99 | 91 | 24210 | 2.946 | ug/L | 99 |
| 46) Tetrachloroethene | 8.57 | 164 | 37620 | 30.126 | ug/L | 97 |
| 48) 2-Hexanone | 8.67 | 43 | 14586 | 5.973 | ug/L # | 68 |
| 49) Dibromochloromethane | 8.57 | 129 | 39174 | 22.350 | ug/L # | 11 |
| 59) 1,2,3-Trichloropropane | 11.83 | 75 | 15960 | 5.974 | ug/L | 96 |

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

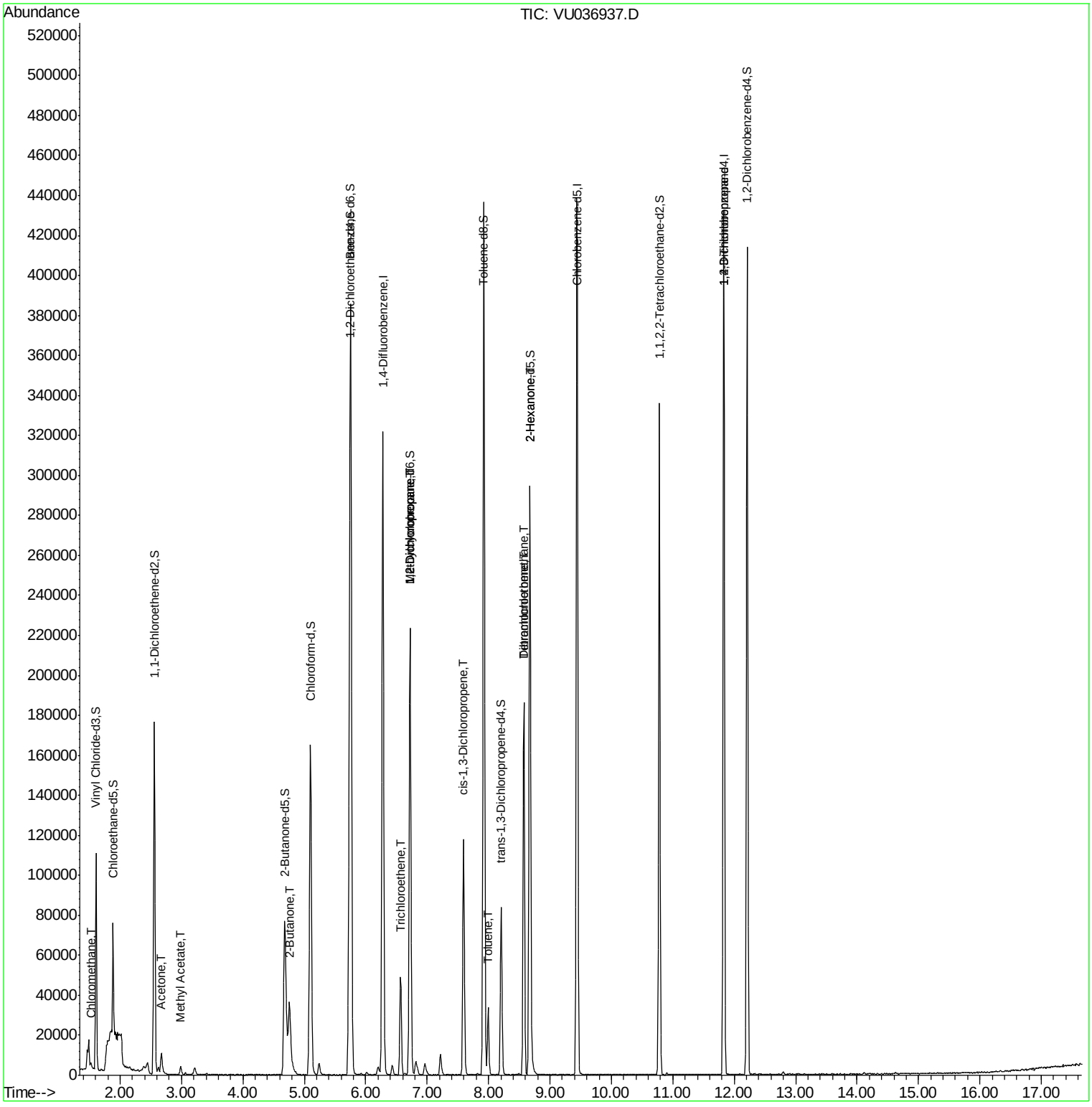
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022720\

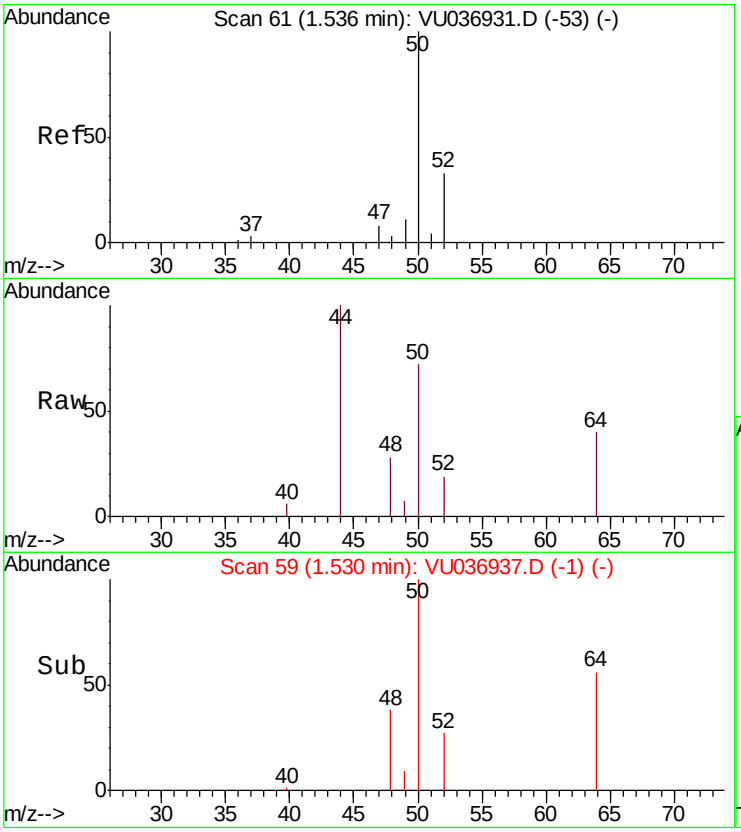
Quantitation Report (Not Reviewed)

Data File : VU036937.D
Acq On : 27 Feb 2020 12:46
Operator : JC/MD
Sample : L1686-11ME
Misc : 6.53g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAW08ME

Quant Time: Feb 27 22:03:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 22:00:13 2020
Response via : Initial Calibration



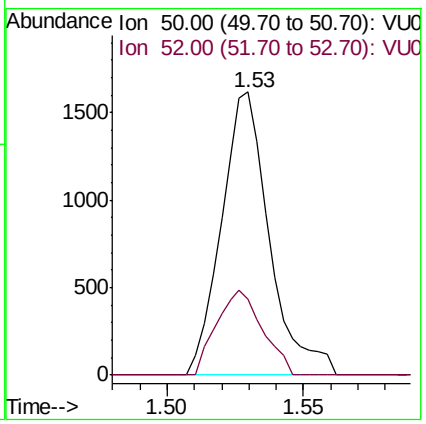


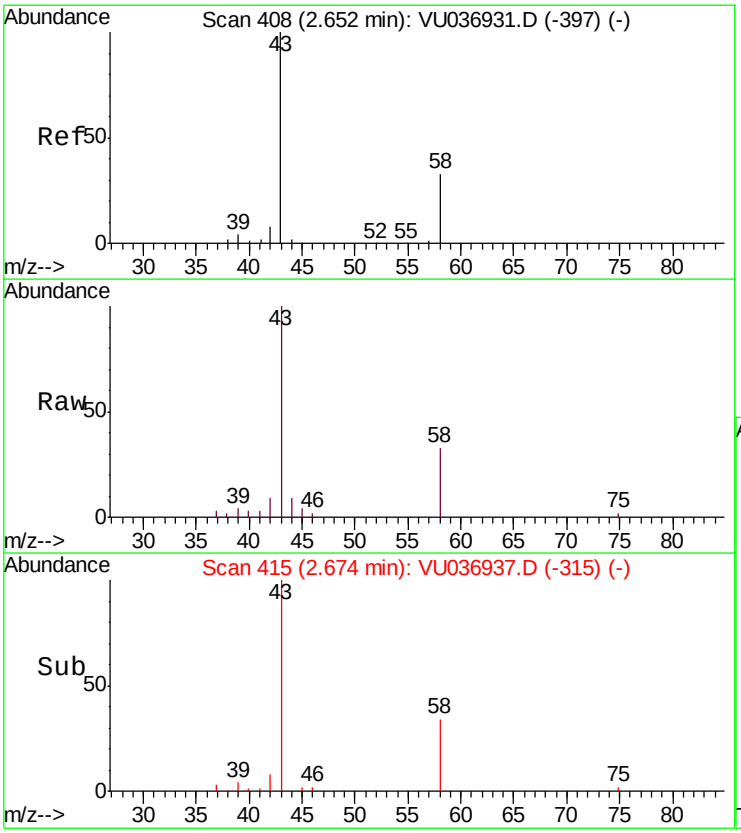

#3
Chloromethane
Concen: 0.798 ug/L
RT: 1.53 min Scan# 59
Delta R.T. -0.01 min
Lab File: VU036937.D
Acq: 27 Feb 2020 12:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
GAW08ME

Tgt Ion: 50 Resp: 1977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 26.7 | 23.0 | 42.6 |

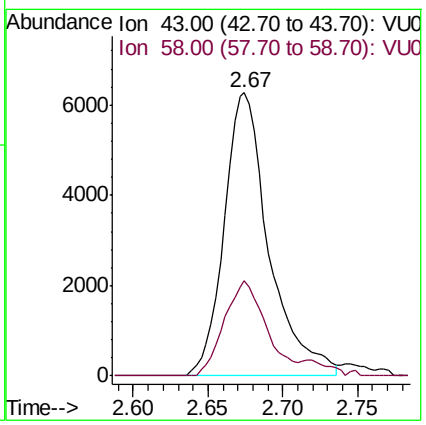


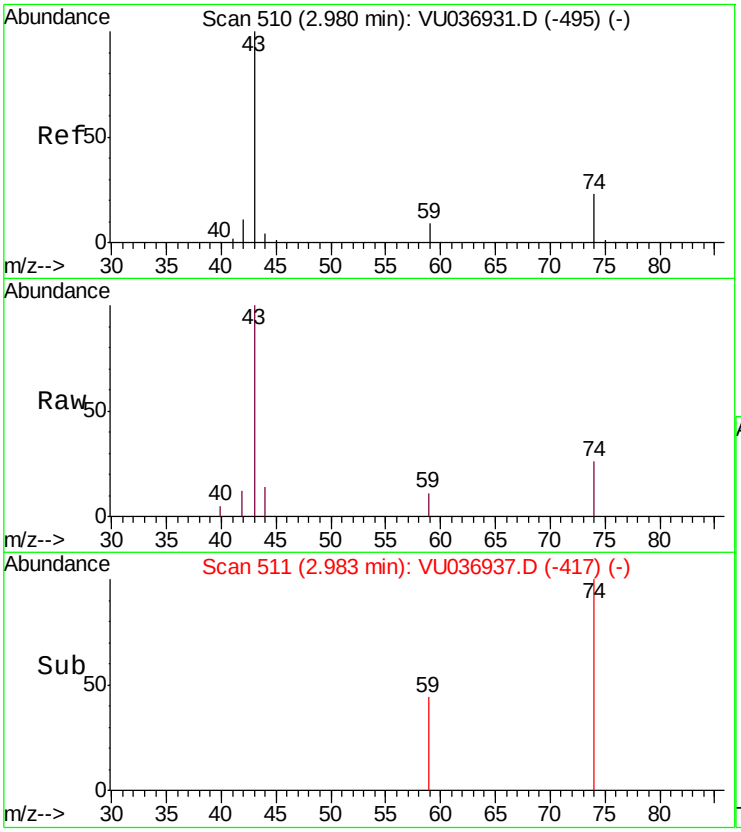




#13
Acetone
Concen: 8.907 ug/L
RT: 2.67 min Scan# 415
Delta R.T. 0.02 min
Lab File: VU036937.D
Acq: 27 Feb 2020 12:46

Tgt Ion: 43 Resp: 13098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.4 | 0.0 | 64.6 |



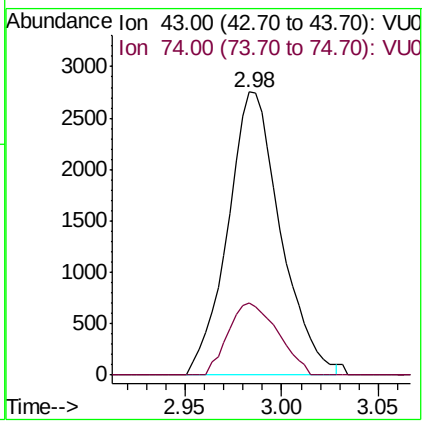


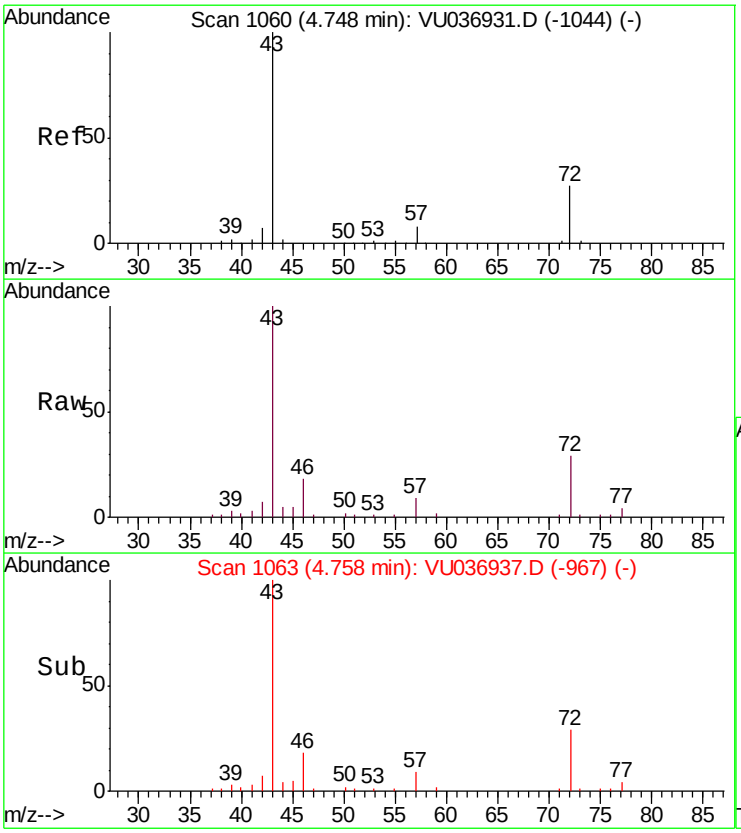

#15
Methyl Acetate
Concen: 2.341 ug/L
RT: 2.98 min Scan# 511
Delta R.T. 0.00 min
Lab File: VU036937.D
Acq: 27 Feb 2020 12:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
GAW08ME

Tgt Ion: 43 Resp: 5248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 23.8 | 19.0 | 28.4 |

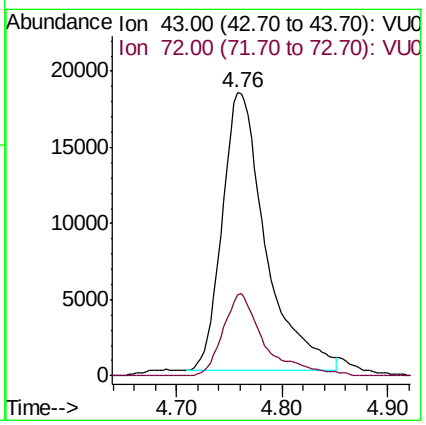


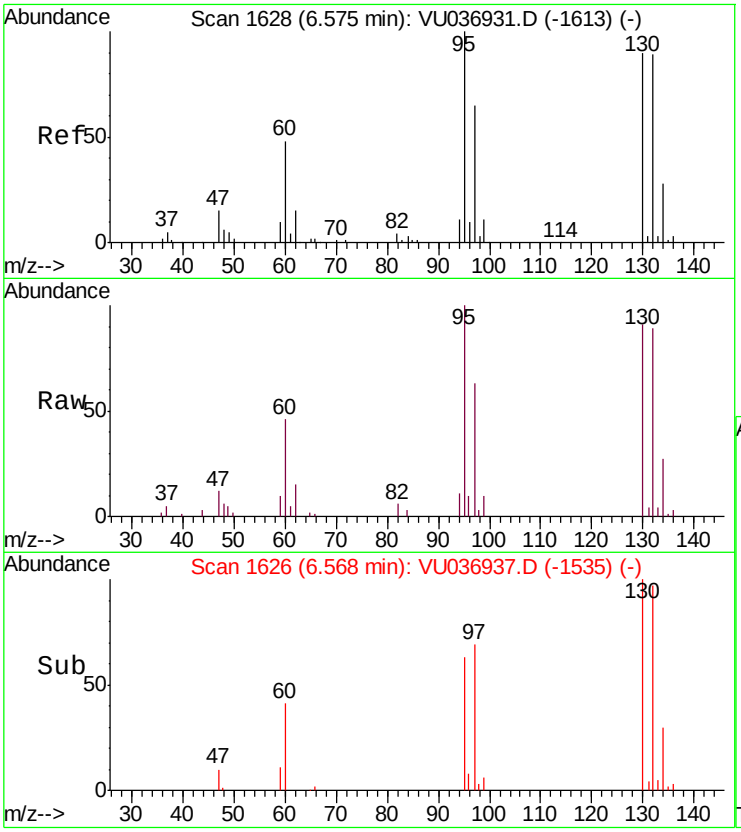




#22
2-Butanone
Concen: 29.470 ug/L
RT: 4.76 min Scan# 1063
Delta R.T. 0.01 min
Lab File: VU036937.D
Acq: 27 Feb 2020 12:46

Tgt Ion: 43 Resp: 52257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 24.9 | 13.9 | 41.6 |



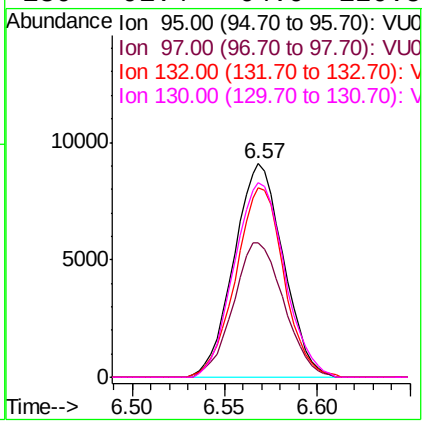


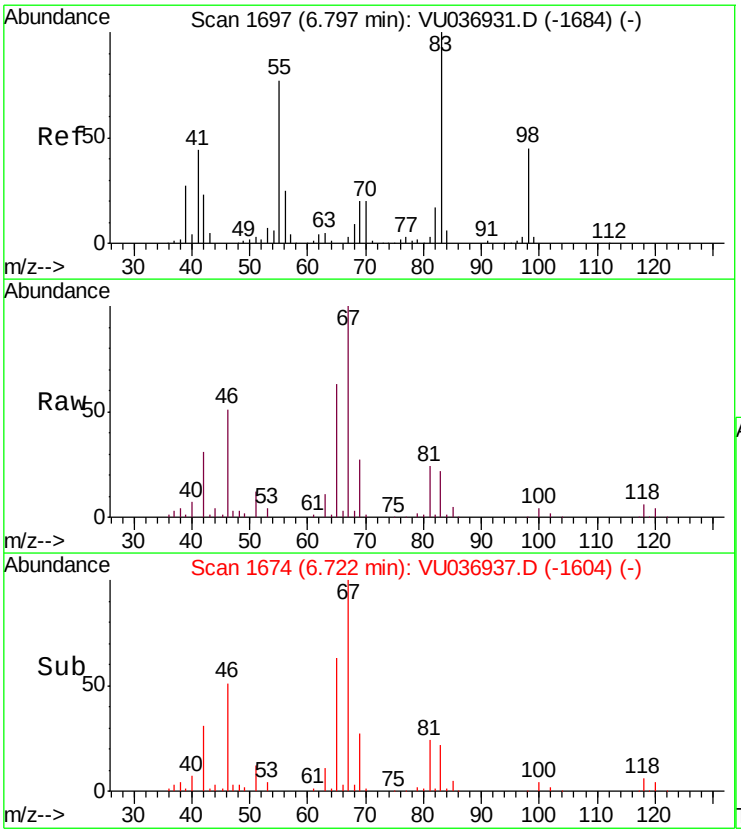

#34
Trichloroethene
Concen: 8.899 ug/L
RT: 6.57 min Scan# 1626
Delta R.T. -0.01 min
Lab File: VU036937.D
Acq: 27 Feb 2020 12:46

**Instrument :** MSVOA_U
**ClientSampleId :** GAW08ME

Tgt Ion: 95 Resp: 16868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 62.9 | 44.1 | 81.9 |
| 132 | 88.6 | 60.6 | 112.6 |
| 130 | 91.4 | 64.9 | 120.5 |

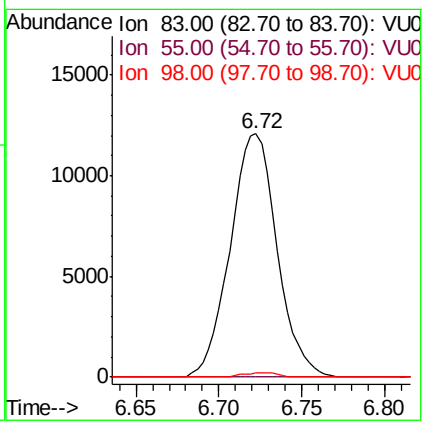


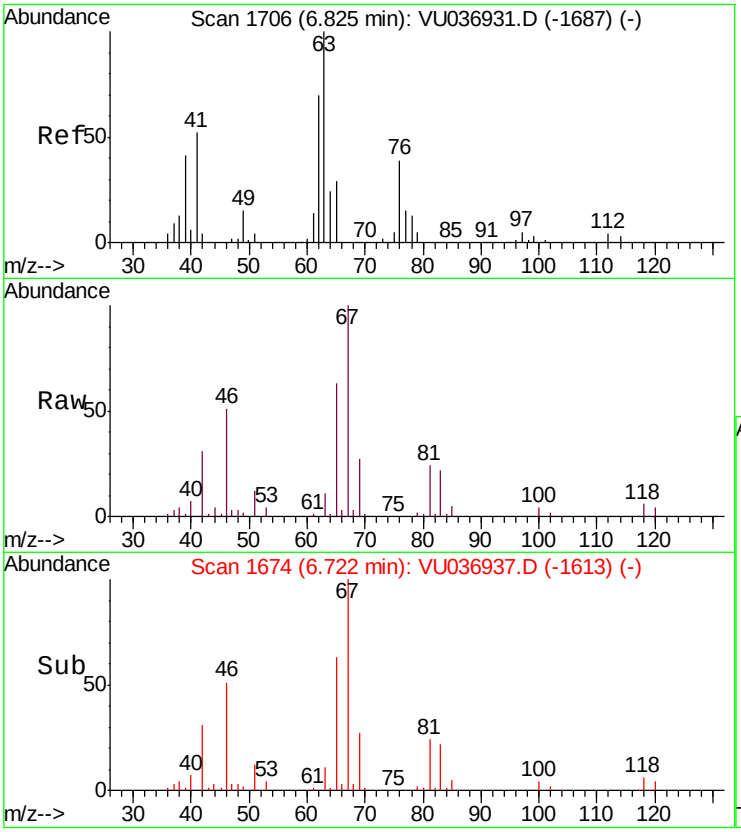




#35
Methylcyclohexane
Concen: 7.224 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU036937.D
Acq: 27 Feb 2020 12:46

Tgt Ion: 83 Resp: 23742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.2 | 62.6 | 93.8# |
| 98 | 1.3 | 35.1 | 52.7# |



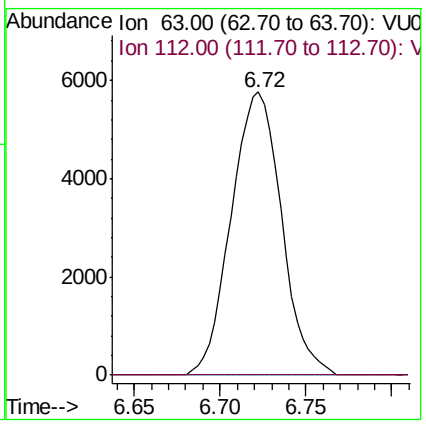


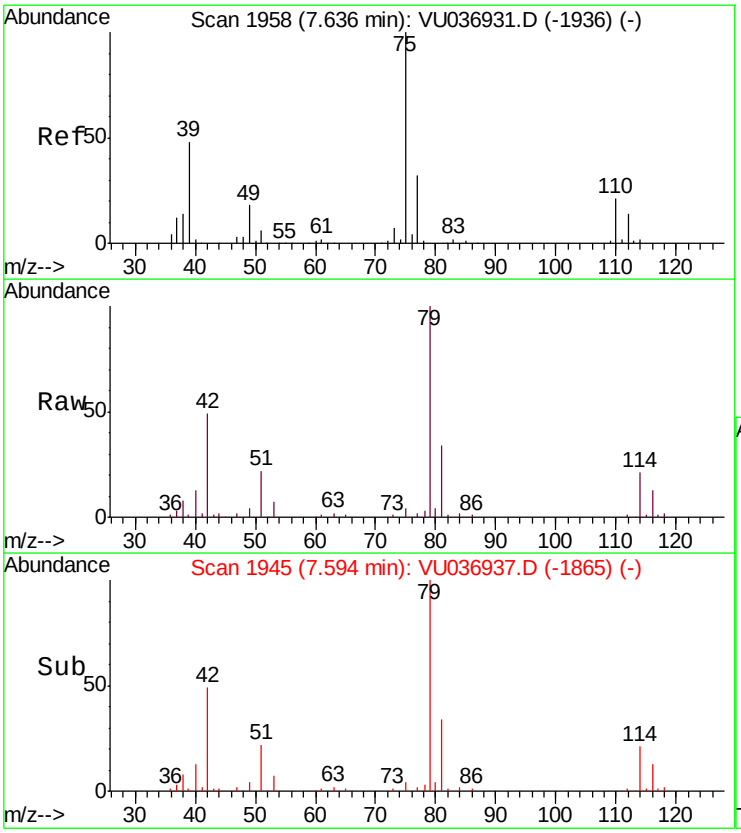

#37
1,2-Dichloropropane
Concen: 5.641 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU036937.D
Acq: 27 Feb 2020 12:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
GAW08ME

Tgt Ion: 63 Resp: 11715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.0 | 4.6# |

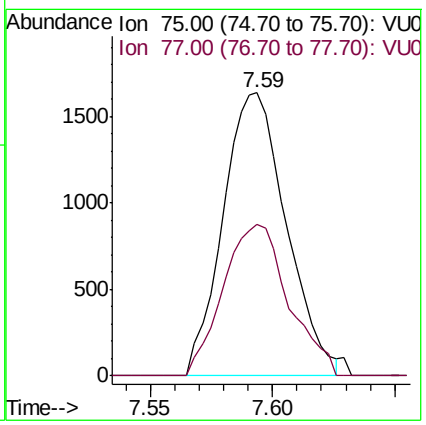


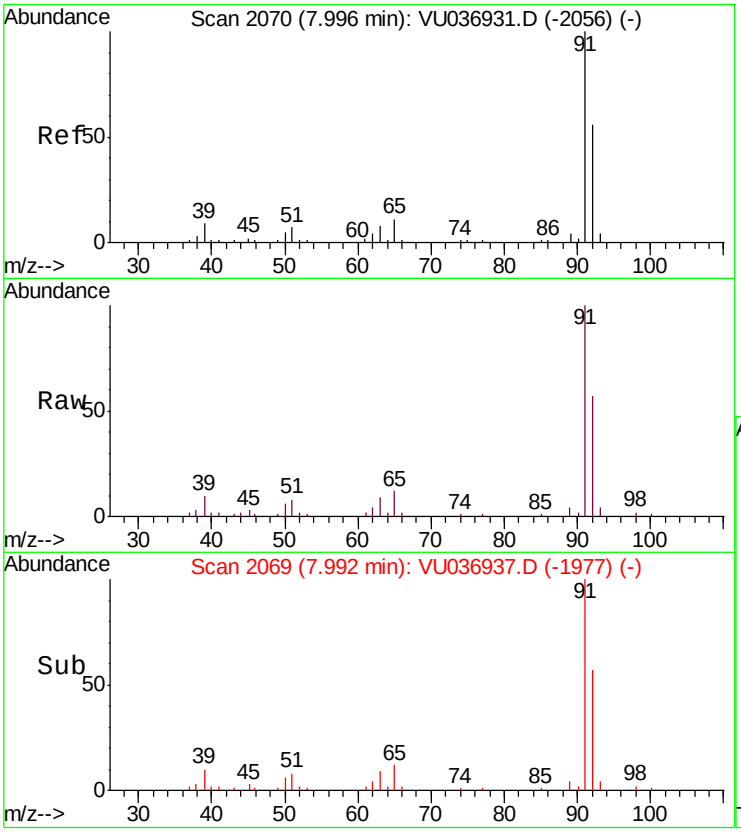




#39
cis-1,3-Dichloropropene
Concen: 0.922 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU036937.D
Acq: 27 Feb 2020 12:46

Tgt Ion: 75 Resp: 2948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 53.3 | 22.0 | 41.0# |



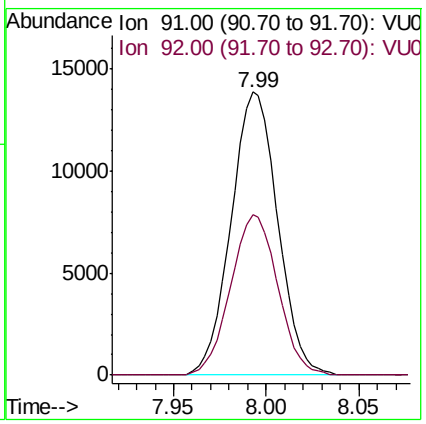


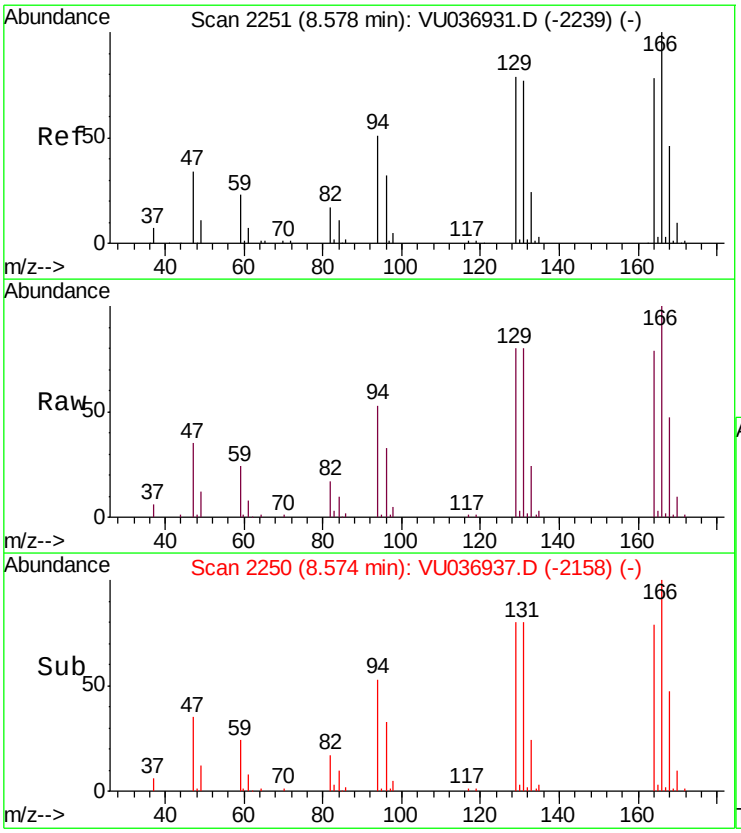

#42
Toluene
Concen: 2.946 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU036937.D
Acq: 27 Feb 2020 12:46

**Instrument :** MSVOA_U
**ClientSampleId :** GAW08ME

Tgt Ion: 91 Resp: 24210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 56.7 | 39.4 | 73.2 |

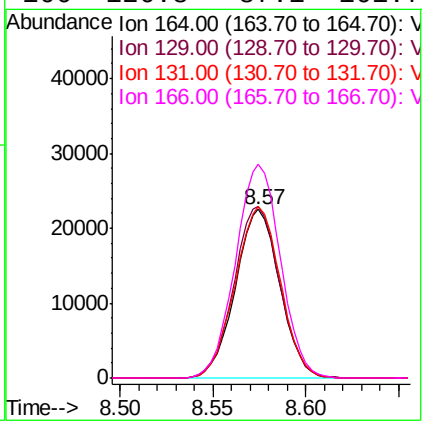


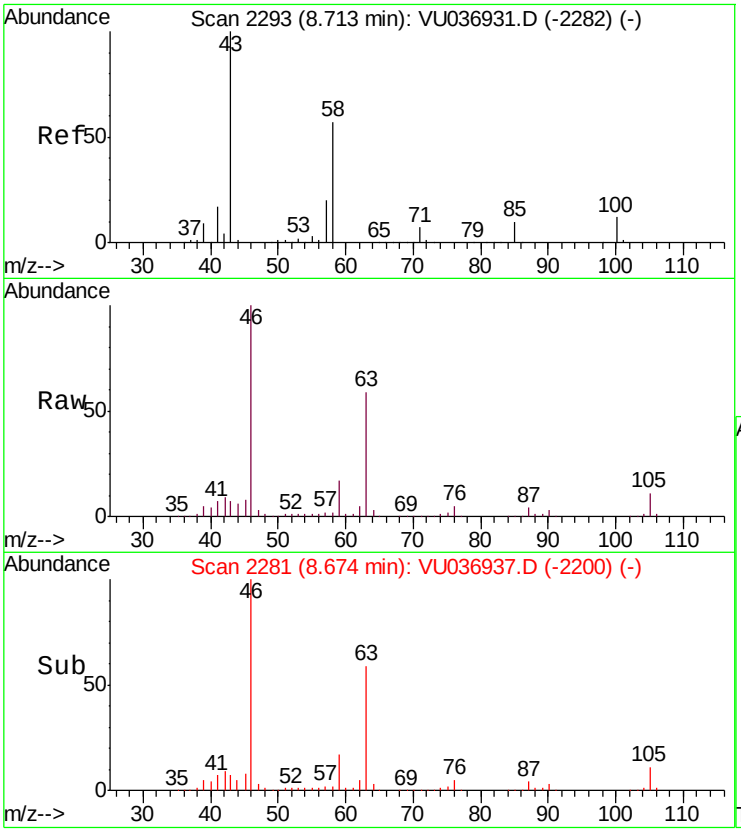




#46
Tetrachloroethene
Concen: 30.126 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU036937.D
Acq: 27 Feb 2020 12:46

Tgt Ion:164 Resp: 37620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 101.7 | 72.0 | 133.8 |
| 131 | 101.7 | 67.9 | 126.1 |
| 166 | 126.8 | 87.1 | 161.7 |



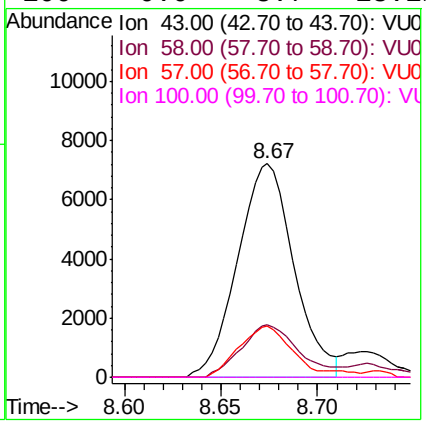


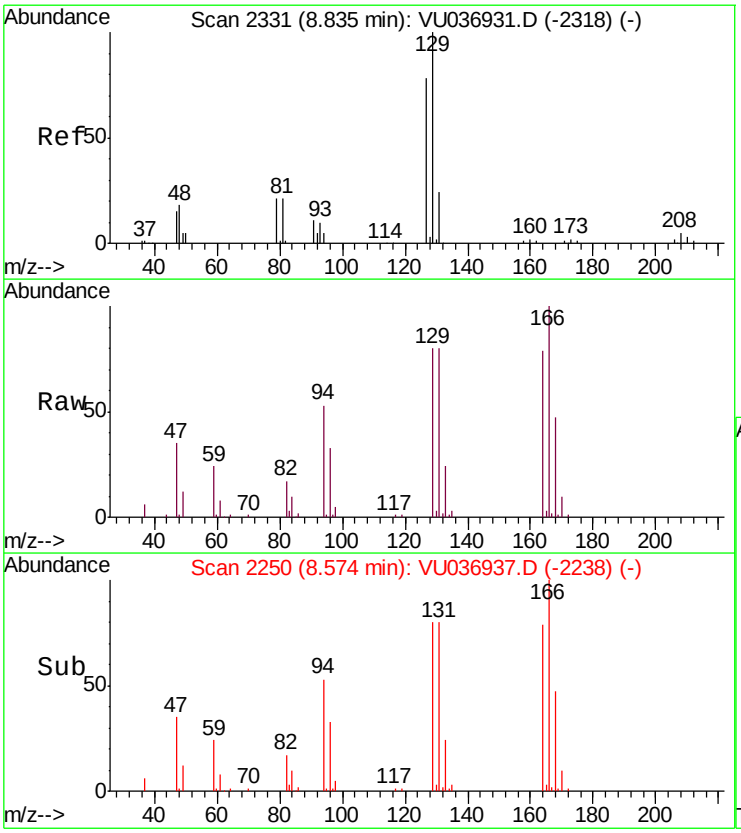

#48
2-Hexanone
Concen: 5.973 ug/L
RT: 8.67 min Scan# 2281
Delta R.T. -0.04 min
Lab File: VU036937.D
Acq: 27 Feb 2020 12:46

**Instrument :** MSVOA_U
**ClientSampleId :** GAW08ME

Tgt Ion: 43 Resp: 14586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 24.6 | 43.5 | 65.3# |
| 57 | 22.1 | 15.1 | 22.7 |
| 100 | 0.0 | 8.7 | 13.1# |

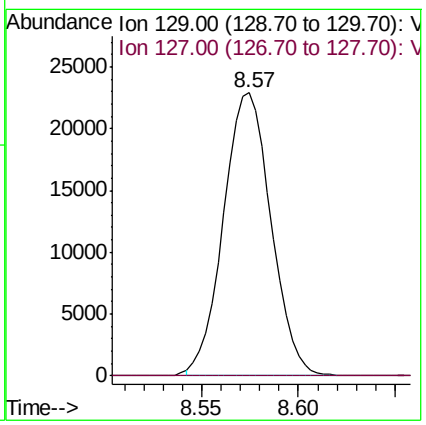


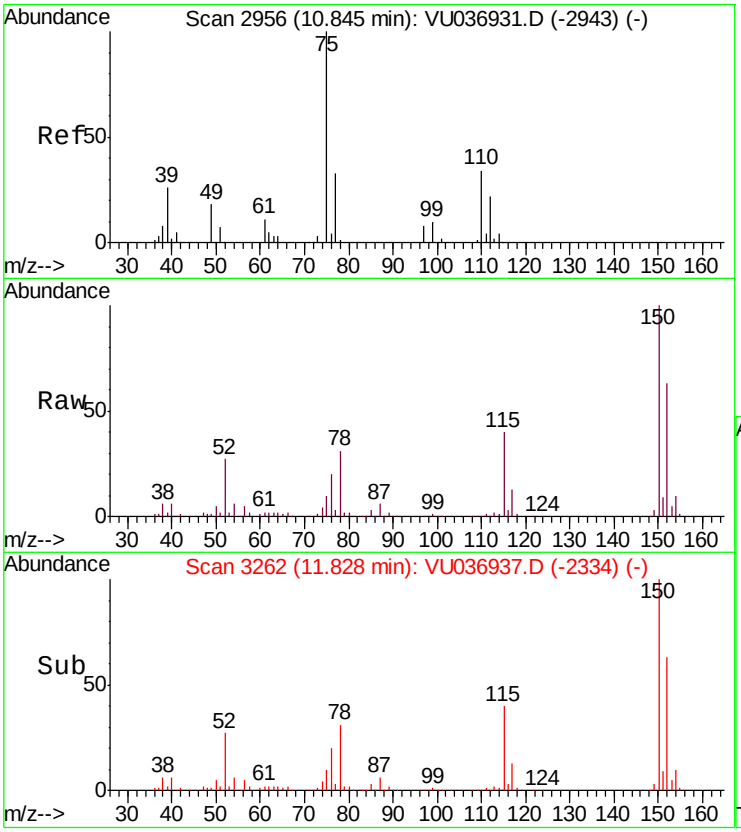




#49
Dibromochloromethane
Concen: 22.350 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.26 min
Lab File: VU036937.D
Acq: 27 Feb 2020 12:46

Tgt Ion:129 Resp: 39174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 54.3 | 100.8# |






#59
1,2,3-Trichloropropane
Concen: 5.974 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.98 min
Lab File: VU036937.D
Acq: 27 Feb 2020 12:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
GAW08ME

Tgt Ion: 75 Resp: 15960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.9 | 26.2 | 39.2 |