Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051821\
Data File : VL036968.D
Acq On : 18 May 2021 14:29
Operator : SY/AP
Sample : QC042221 CAN 10663
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** QC042221 CAN 10663

Quant Time: May 19 03:13:32 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May 18 12:00:15 2021
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.65 | 49 | 1116095 | 10.00 | ppbv | 0.00 |
| 33) 1,4-Difluorobenzene | 7.15 | 114 | 3246226 | 10.00 | ppbv | 0.00 |
| 55) Chlorobenzene-d5 | 12.06 | 117 | 3085912 | 10.00 | ppbv | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.39 | 95 | 2344995 | 10.12 | ppbv | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 101.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Ethanol | 3.60 | 45 | 1598 | 0.164 | ppbv # | 35 |
| 15) Acetone | 3.85 | 43 | 30796 | 0.269 | ppbv # | 45 |
| 20) Methylene Chloride | 4.33 | 84 | 304338 | 4.966 | ppbv | 98 |
| 25) Ethyl Acetate | 5.66 | 43 | 189570 | 0.690 | ppbv # | 77 |
| 26) Hexane | 5.67 | 57 | 271720 | 1.936 | ppbv # | 46 |
| 34) 2-Butanone | 5.17 | 43 | 11020 | 0.093 | ppbv # | 83 |
| 39) 1,2-Dichloropropane | 7.23 | 63 | 9388 | 0.087 | ppbv # | 19 |

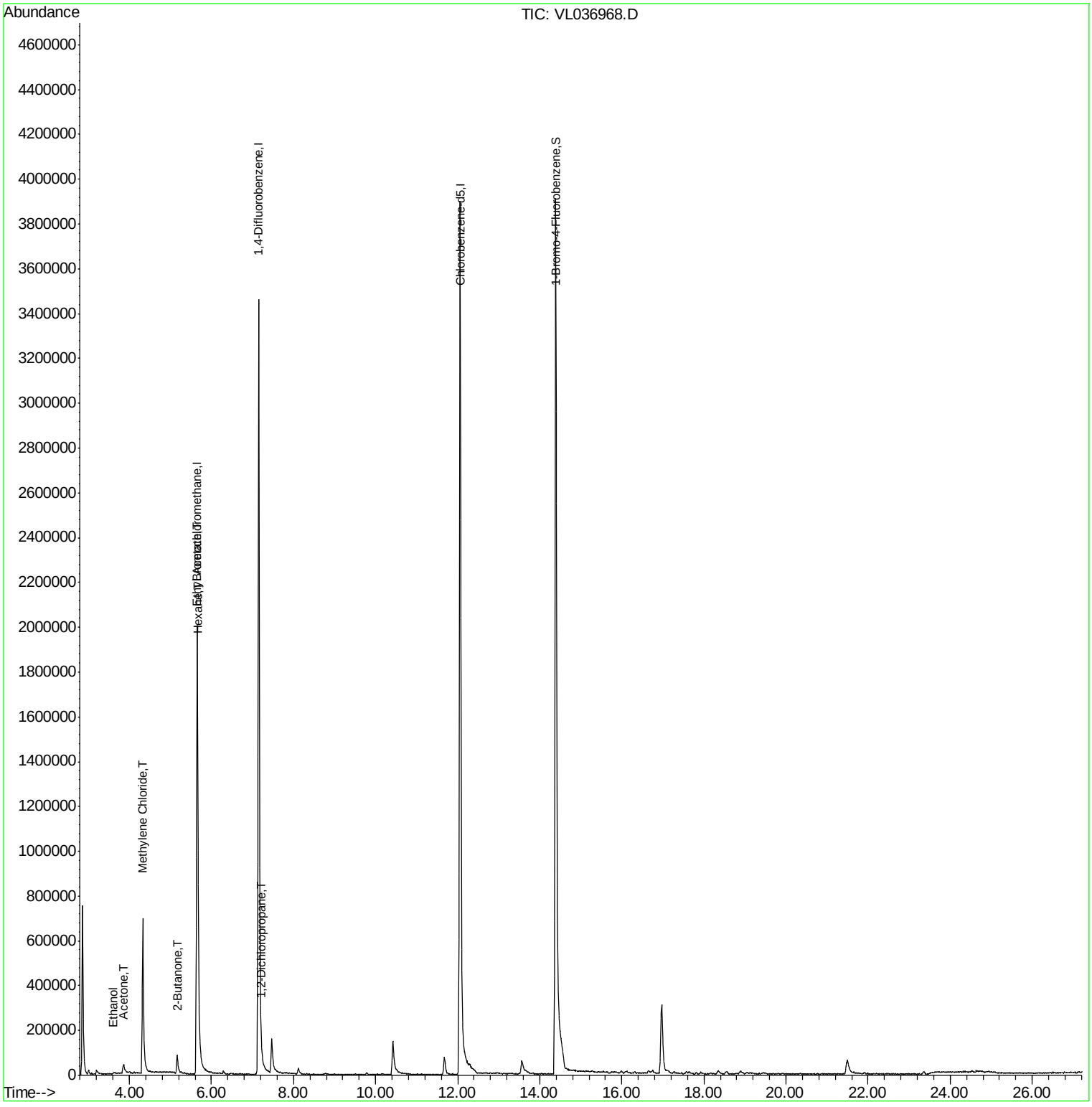
(#) = qualifier out of range (m) = manual integration (+) = signals summed

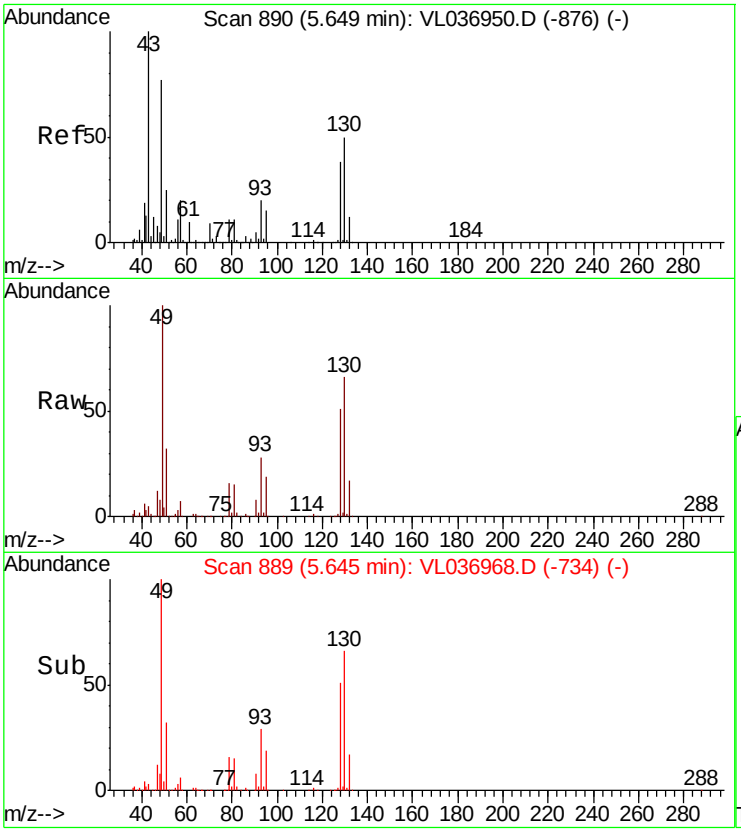
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051821\
Data File : VL036968.D
Acq On : 18 May 2021 14:29
Operator : SY/AP
Sample : QC042221 CAN 10663
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC042221 CAN 10663

Quant Time: May 19 03:13:32 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May 18 12:00:15 2021
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration



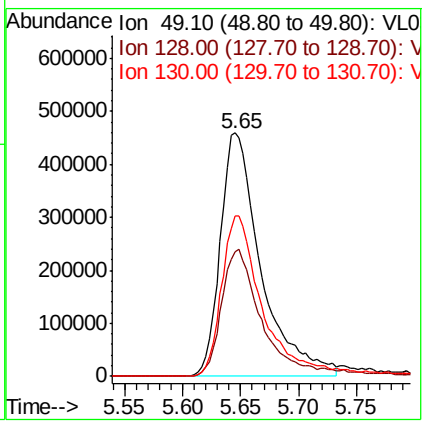


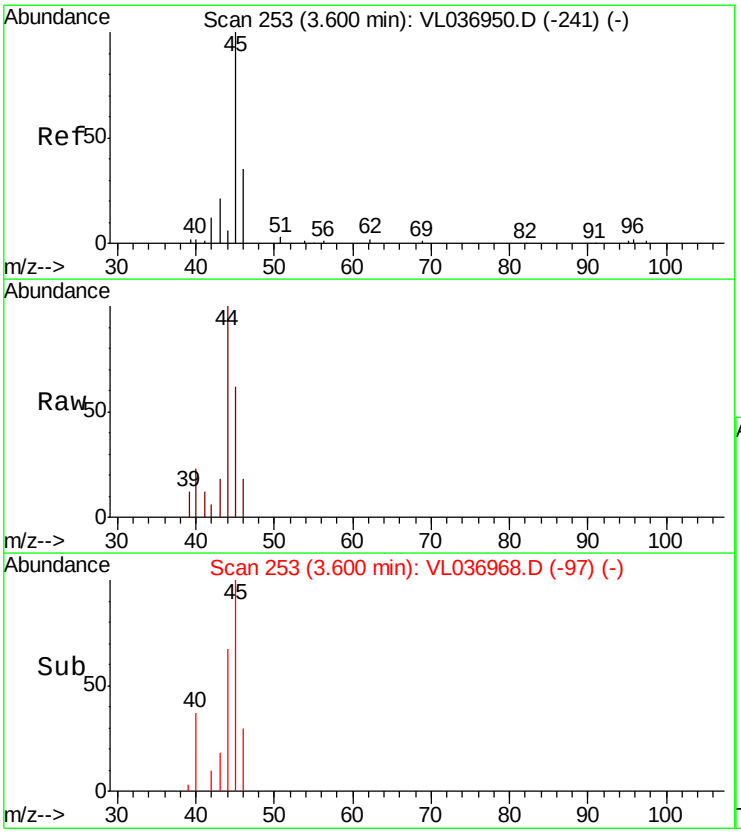

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 889
Delta R.T. -0.00 min
Lab File: VL036968.D
Acq: 18 May 2021 14:29

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC042221 CAN 10663

Tgt Ion: 49 Resp: 1116095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 54.3 | 26.9 | 80.7 |
| 130 | 69.7 | 33.8 | 101.4 |

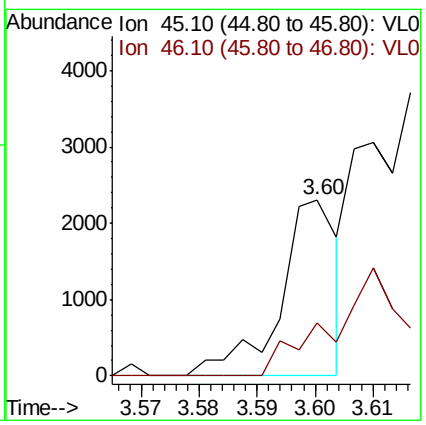


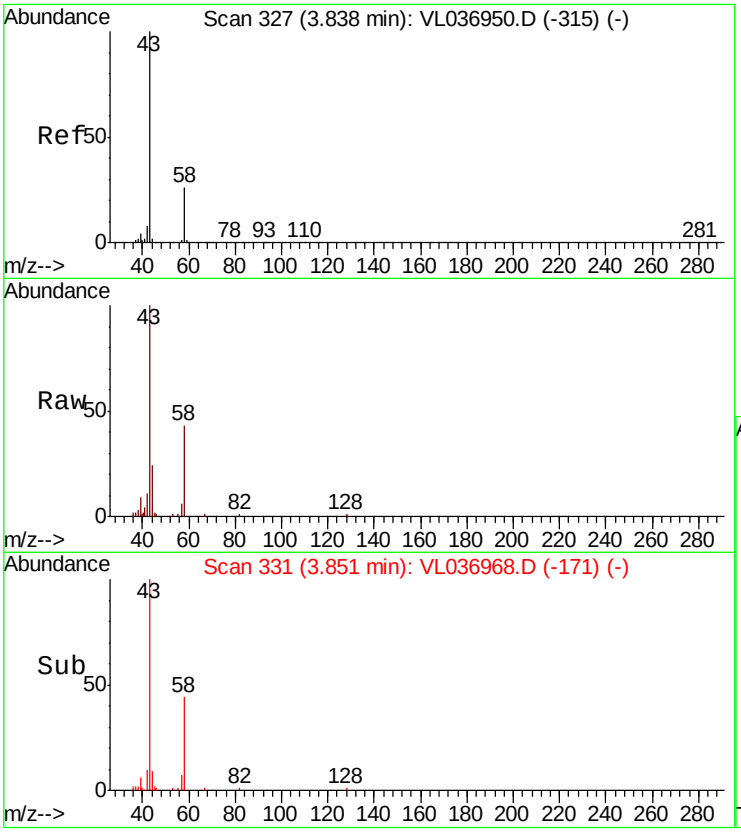




#13
Ethanol
Concen: 0.164 ppbv
RT: 3.60 min Scan# 253
Delta R.T. 0.00 min
Lab File: VL036968.D
Acq: 18 May 2021 14:29

Tgt Ion: 45 Resp: 1598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 0.0 | 16.3 | 65.3# |



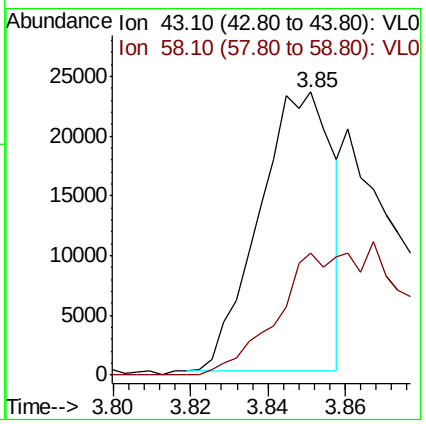


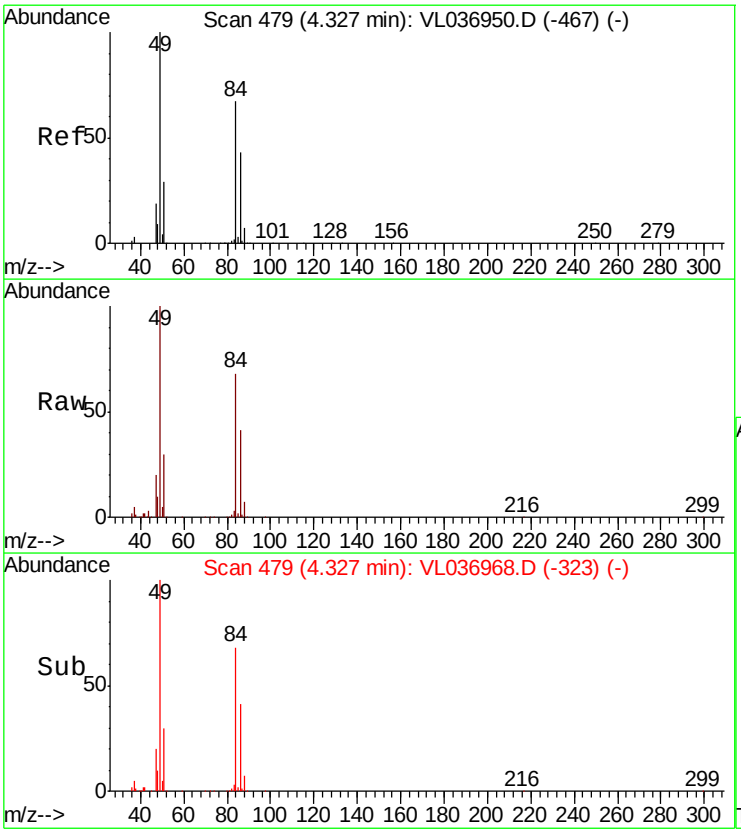

#15
Acetone
Concen: 0.269 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.01 min
Lab File: VL036968.D
Acq: 18 May 2021 14:29

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC042221 CAN 10663

Tgt Ion: 43 Resp: 30796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 24.0 | 36.0# |

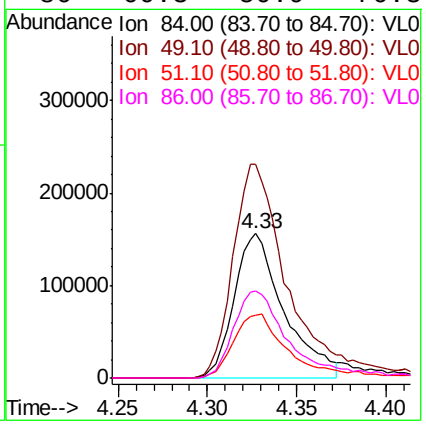


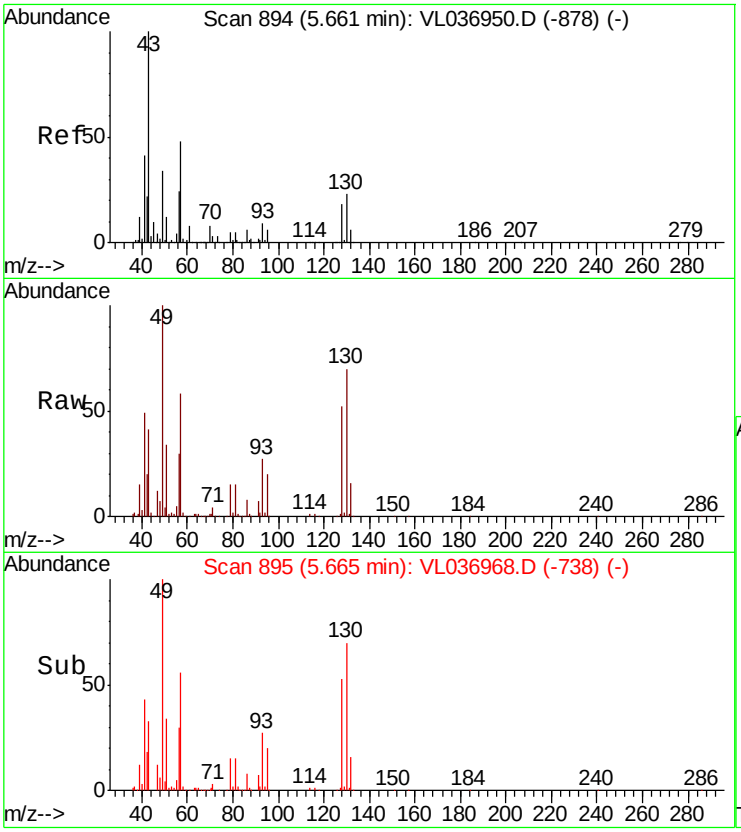




#20
Methylene Chloride
Concen: 4.966 ppbv
RT: 4.33 min Scan# 479
Delta R.T. 0.00 min
Lab File: VL036968.D
Acq: 18 May 2021 14:29

Tgt Ion: 84 Resp: 304338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 147.8 | 119.8 | 179.6 |
| 51 | 43.7 | 35.1 | 52.7 |
| 86 | 60.3 | 50.9 | 76.3 |



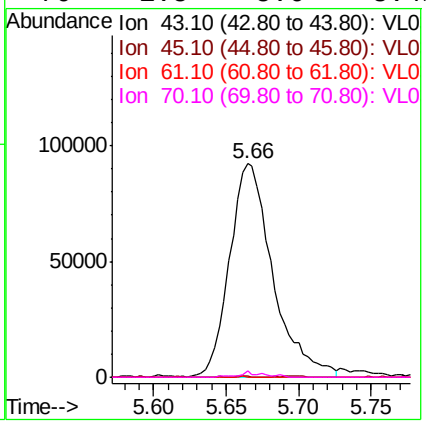


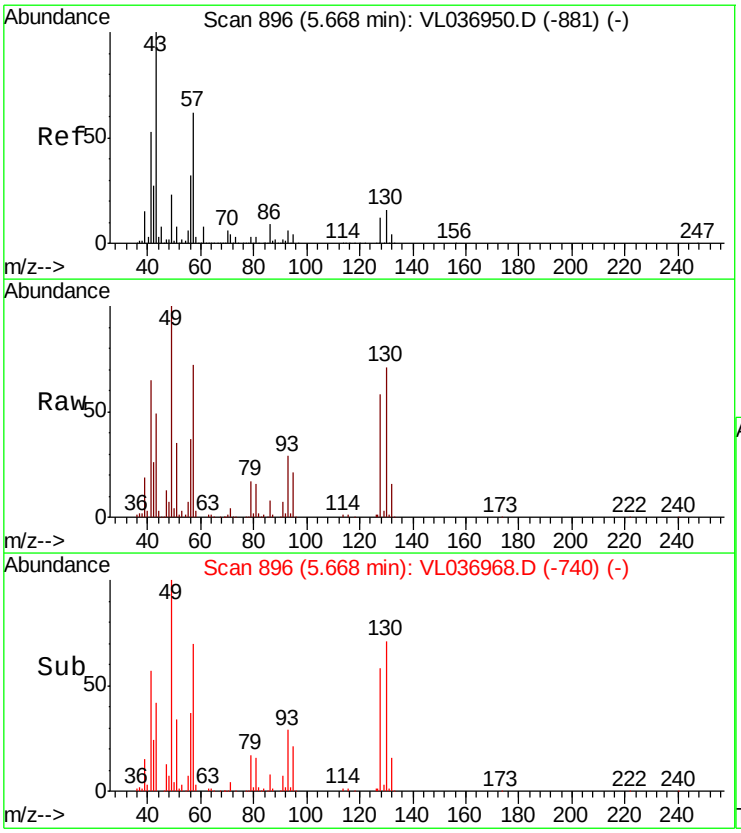

#25
Ethyl Acetate
Concen: 0.690 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.00 min
Lab File: VL036968.D
Acq: 18 May 2021 14:29

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC042221 CAN 10663

Tgt Ion: 43 Resp: 189570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 0.2 | 7.8 | 11.8# |
| 61 | 0.1 | 7.8 | 11.8# |
| 70 | 1.5 | 5.6 | 8.4# |

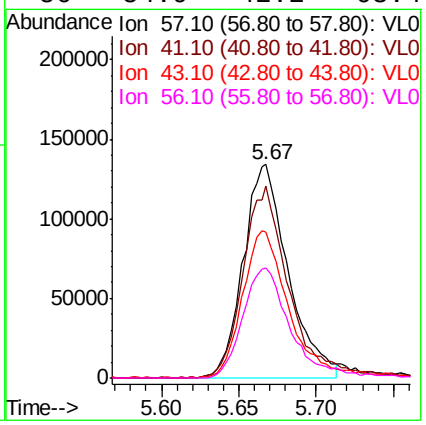


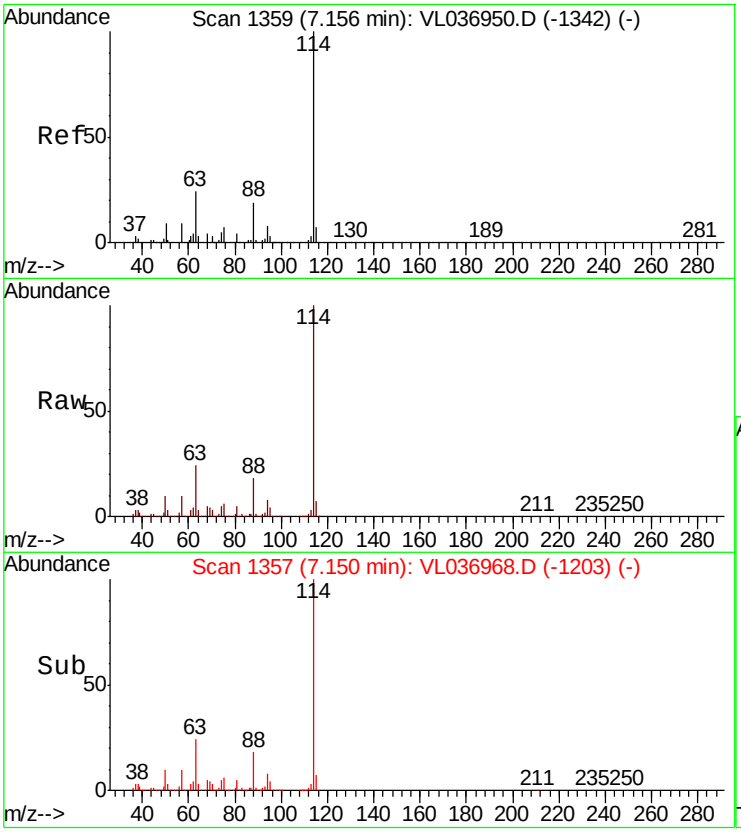




#26
Hexane
Concen: 1.936 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.00 min
Lab File: VL036968.D
Acq: 18 May 2021 14:29

Tgt Ion: 57 Resp: 271720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 92.1 | 70.5 | 105.7 |
| 43 | 71.9 | 165.8 | 248.8# |
| 56 | 54.9 | 42.2 | 63.4 |



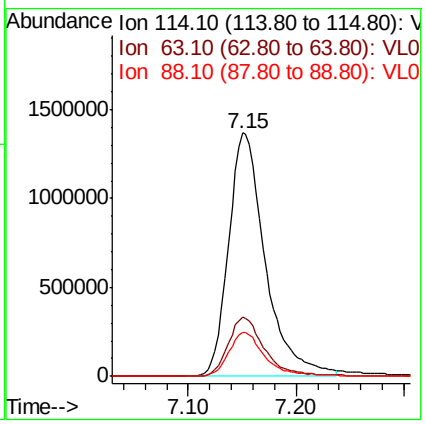


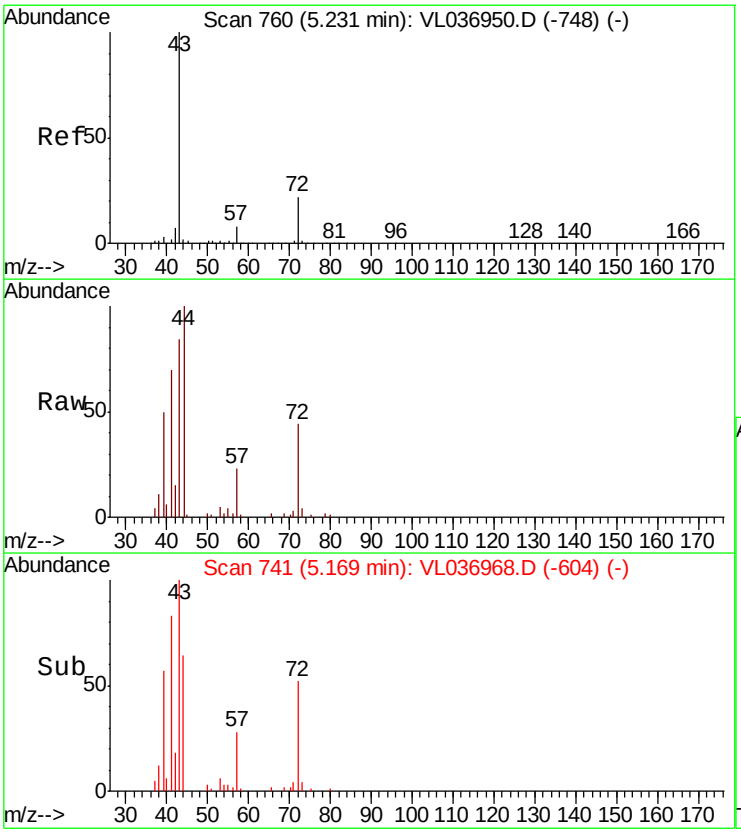

#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VL036968.D
Acq: 18 May 2021 14:29

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC042221 CAN 10663

Tgt Ion:114 Resp: 3246226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 24.7 | 19.6 | 29.4 |
| 88 | 18.2 | 14.6 | 21.8 |

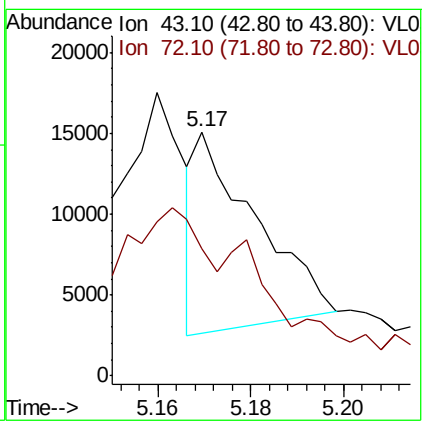


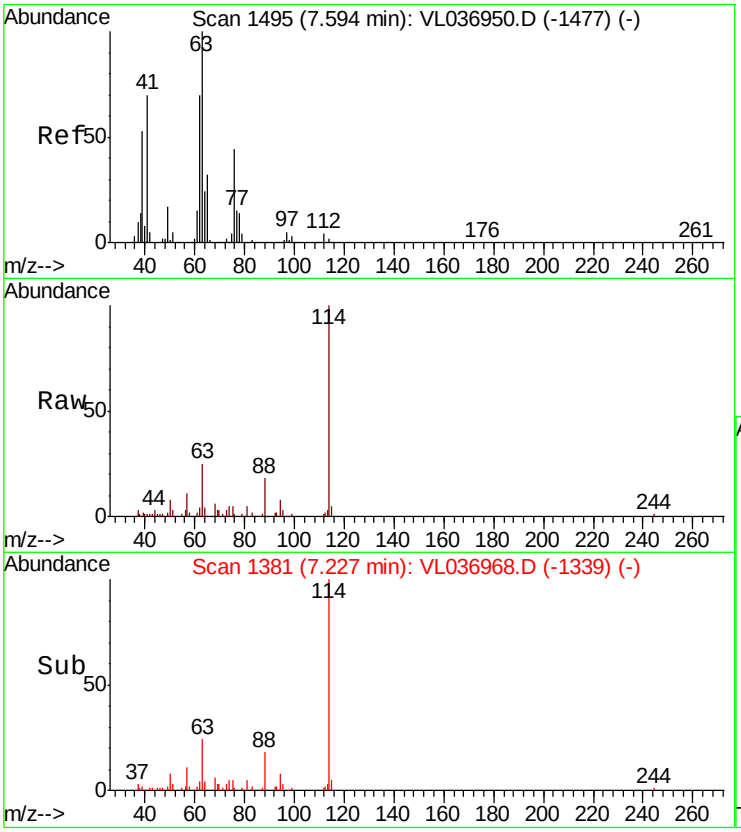




#34
2-Butanone
Concen: 0.093 ppbv
RT: 5.17 min Scan# 741
Delta R.T. -0.06 min
Lab File: VL036968.D
Acq: 18 May 2021 14:29

Tgt Ion: 43 Resp: 11020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 32.1 | 19.0 | 28.4# |



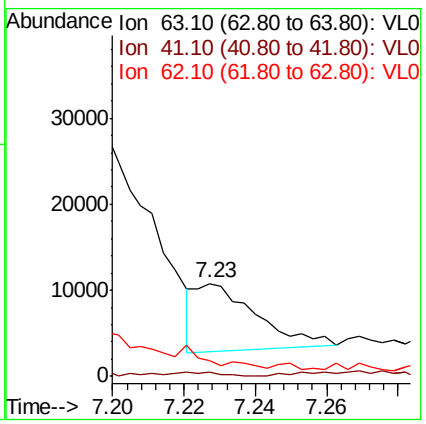


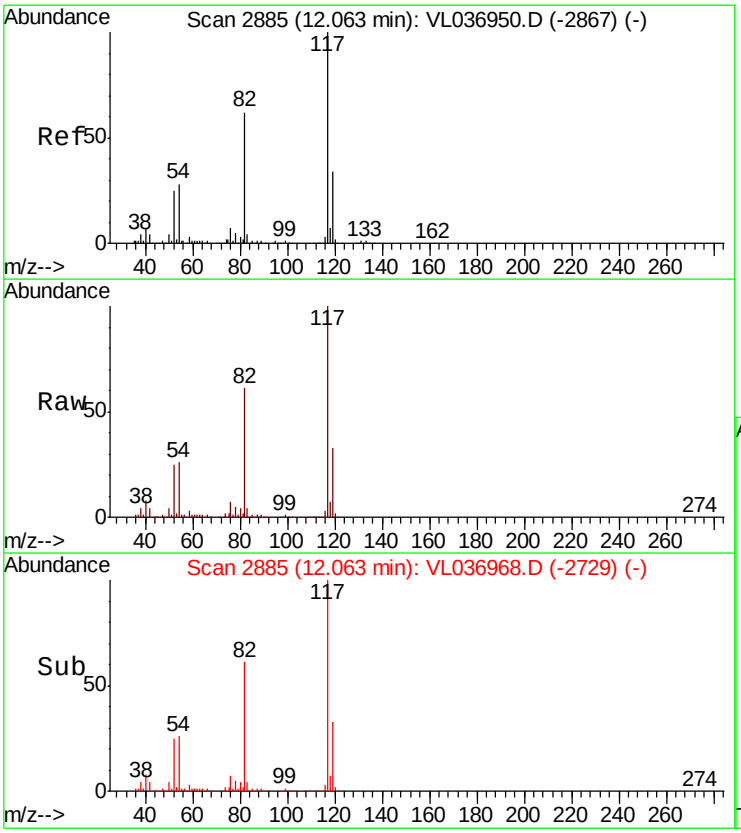

#39
1,2-Dichloropropane
Concen: 0.087 ppbv
RT: 7.23 min Scan# 1381
Delta R.T. -0.37 min
Lab File: VL036968.D
Acq: 18 May 2021 14:29

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC042221 CAN 10663

Tgt Ion: 63 Resp: 9388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 2.4 | 55.7 | 83.5# |
| 62 | 5.1 | 56.2 | 84.4# |

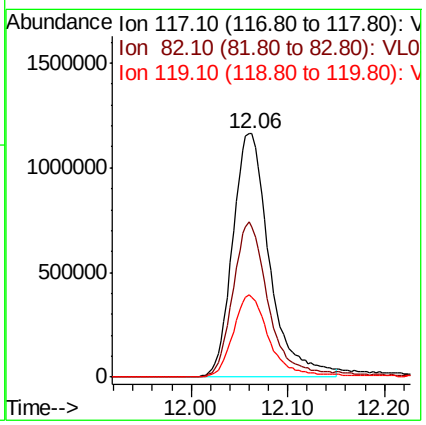


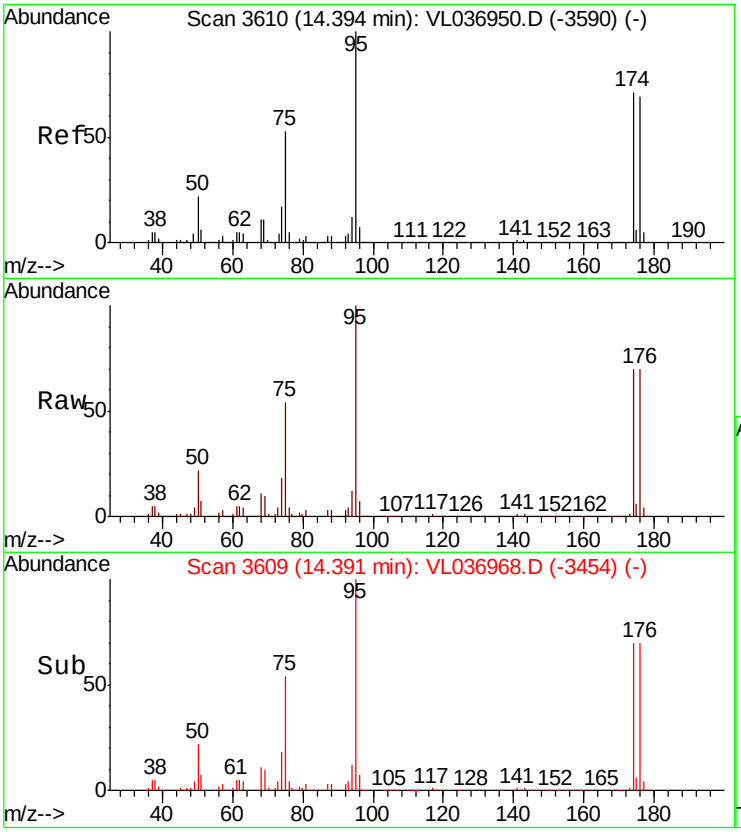




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. 0.00 min
Lab File: VL036968.D
Acq: 18 May 2021 14:29

Tgt Ion:117 Resp: 3085912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 64.4 | 52.6 | 79.0 |
| 119 | 33.9 | 46.6 | 70.0# |






#68
1-Bromo-4-Fluorobenzene
Concen: 10.116 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.00 min
Lab File: VL036968.D
Acq: 18 May 2021 14:29

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC042221 CAN 10663

Tgt Ion: 95 Resp: 2344995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 76.8 | 58.4 | 87.6 |
| 175 | 5.9 | 4.4 | 6.6 |