Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102519\
Data File : VL034369.D
Acq On : 25 Oct 2019 18:21
Operator : SY/AP
Sample : QC101719 CAN 10266
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** QC101719 CAN 10266

Quant Time: Oct 25 23:29:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.68 | 49 | 914071 | 10.00 | ppbv | 0.00 |
| 33) 1,4-Difluorobenzene | 7.20 | 114 | 1787164 | 10.00 | ppbv | -0.01 |
| 55) Chlorobenzene-d5 | 12.14 | 117 | 1744379 | 10.00 | ppbv | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.48 | 95 | 1488098 | 10.07 | ppbv | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 100.70% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 20) Methylene Chloride | 4.35 | 84 | 4688 | 0.099 | ppbv | # 55 |
| 39) 1,2-Dichloropropane | 7.20 | 63 | 530125 | 7.180 | ppbv | # 23 |

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

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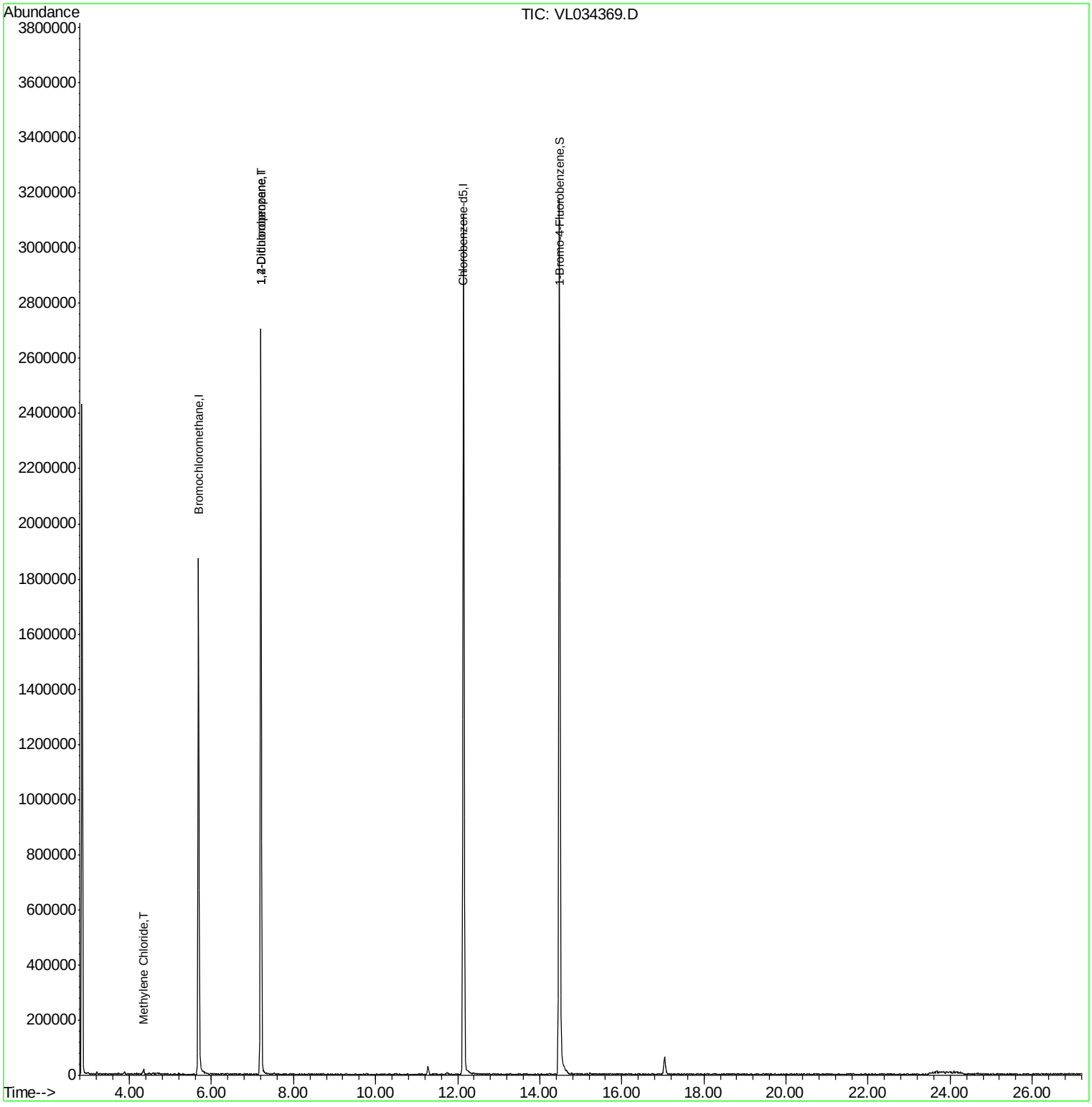
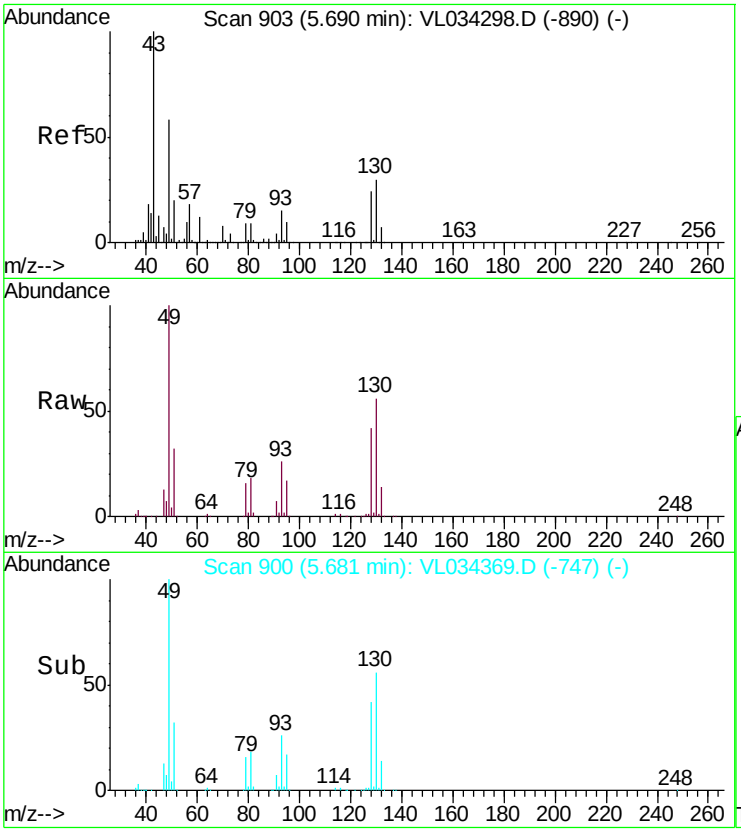


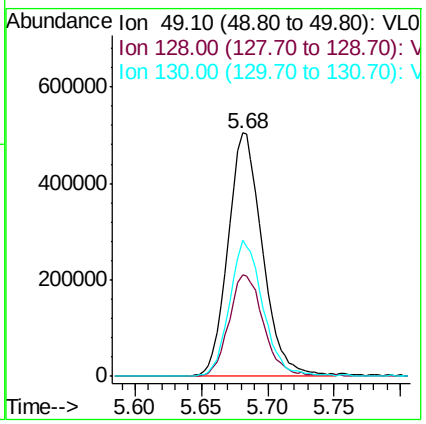


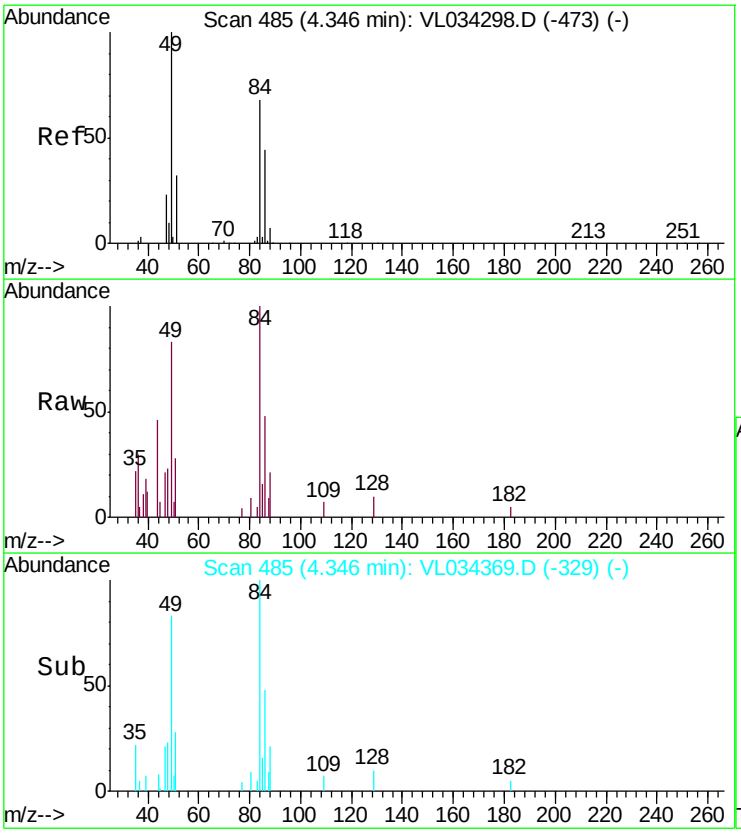

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL034369.D
Acq: 25 Oct 2019 18:21

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC101719 CAN 10266

Tgt Ion: 49 Resp: 914071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 42.2 | 20.6 | 61.8 |
| 130 | 54.3 | 26.2 | 78.5 |

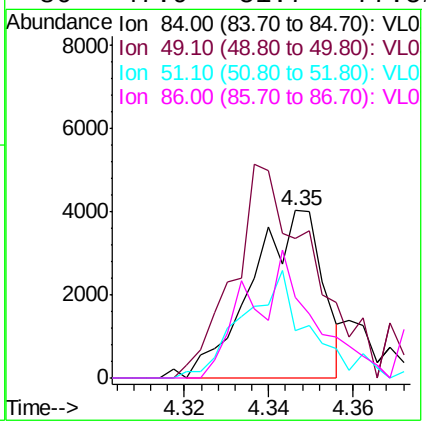


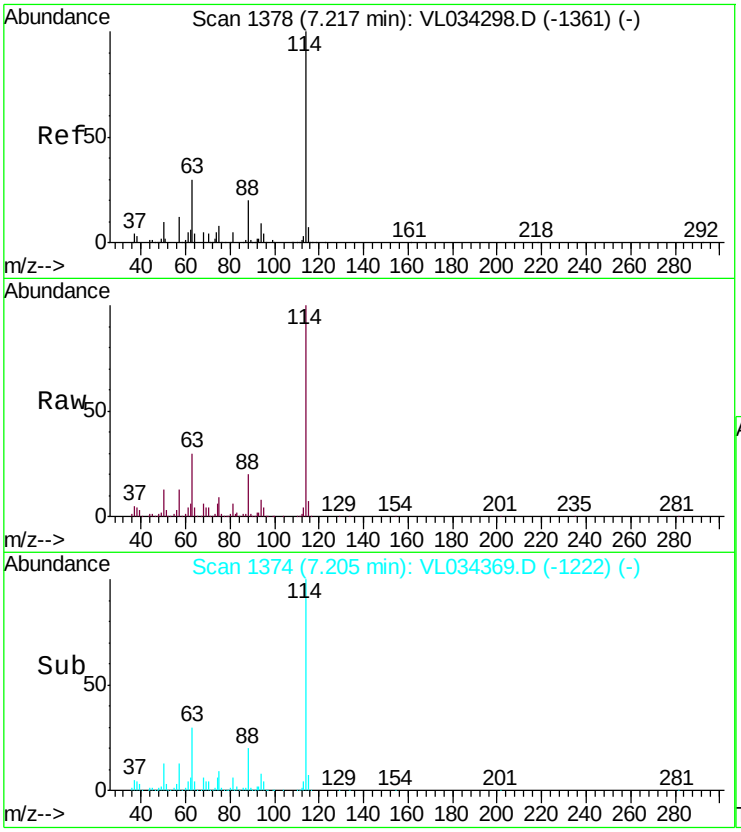




#20
Methylene Chloride
Concen: 0.099 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.00 min
Lab File: VL034369.D
Acq: 25 Oct 2019 18:21

Tgt Ion: 84 Resp: 4688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 75.2 | 118.5 | 177.7# |
| 51 | 24.3 | 38.8 | 58.2# |
| 86 | 47.9 | 51.7 | 77.5# |



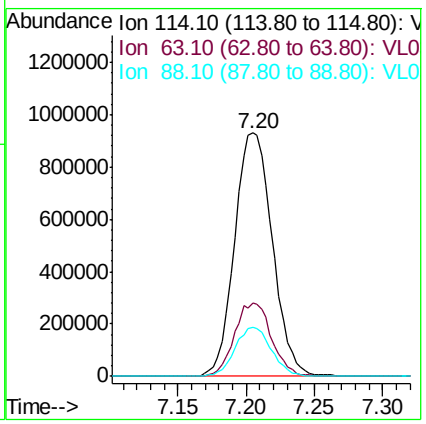


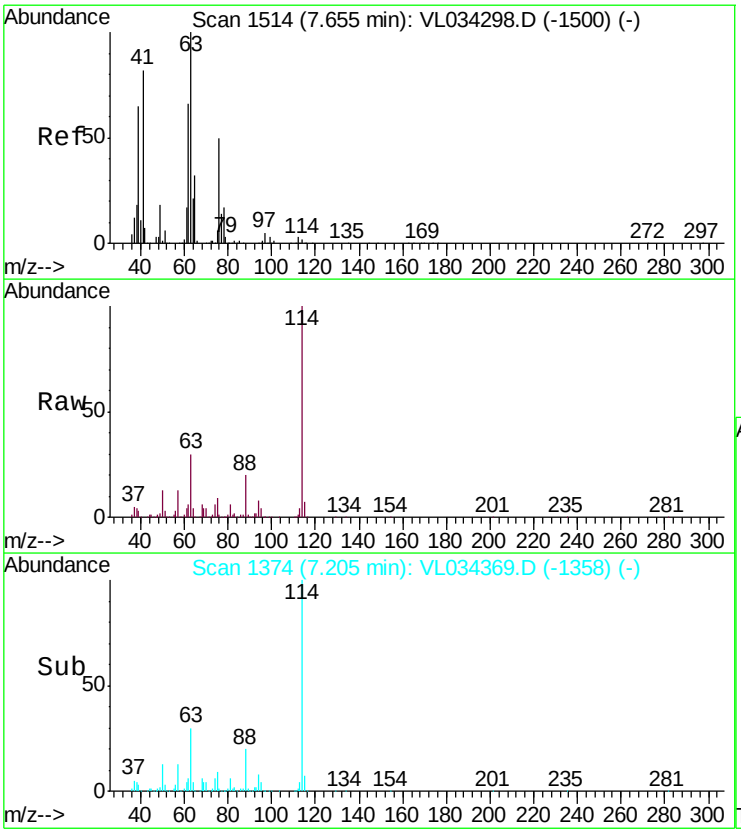

#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. -0.01 min
Lab File: VL034369.D
Acq: 25 Oct 2019 18:21

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC101719 CAN 10266

Tgt Ion:114 Resp: 1787164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 29.8 | 25.2 | 37.8 |
| 88 | 19.6 | 16.0 | 24.0 |

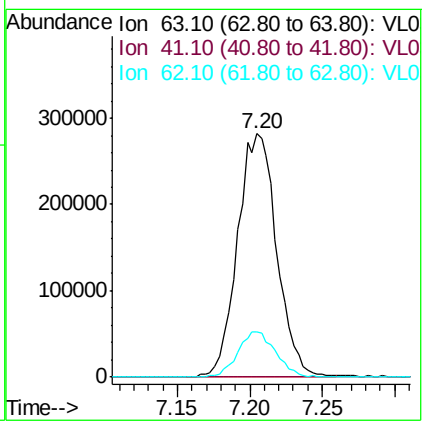


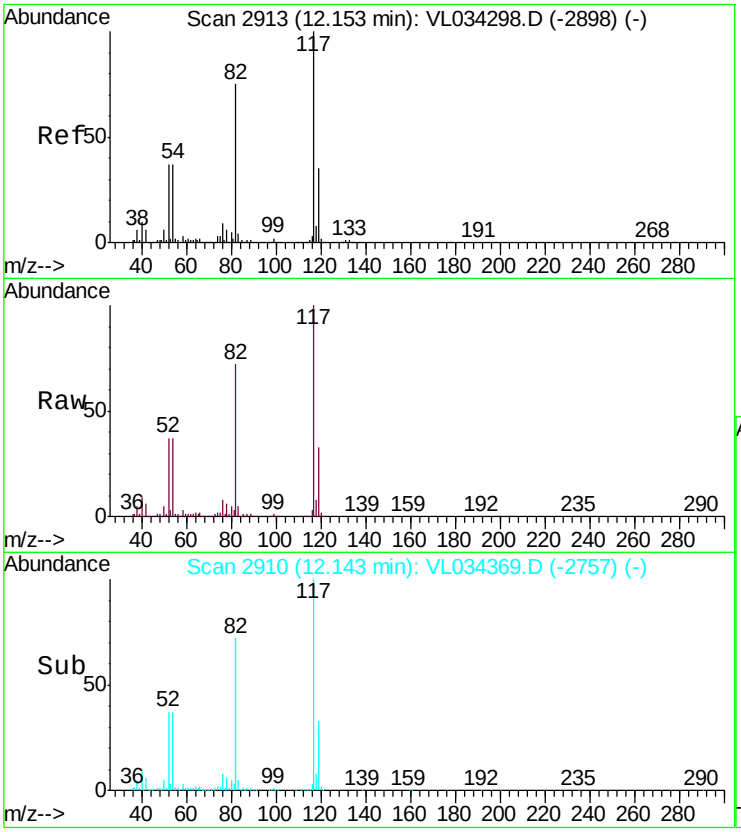




#39
1,2-Dichloropropane
Concen: 7.180 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. -0.45 min
Lab File: VL034369.D
Acq: 25 Oct 2019 18:21

Tgt Ion: 63 Resp: 530125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 0.0 | 65.6 | 98.4# |
| 62 | 18.5 | 53.0 | 79.6# |



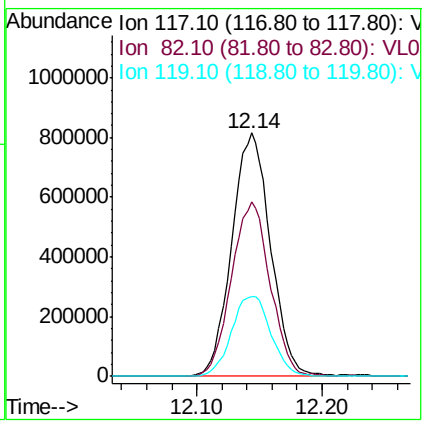


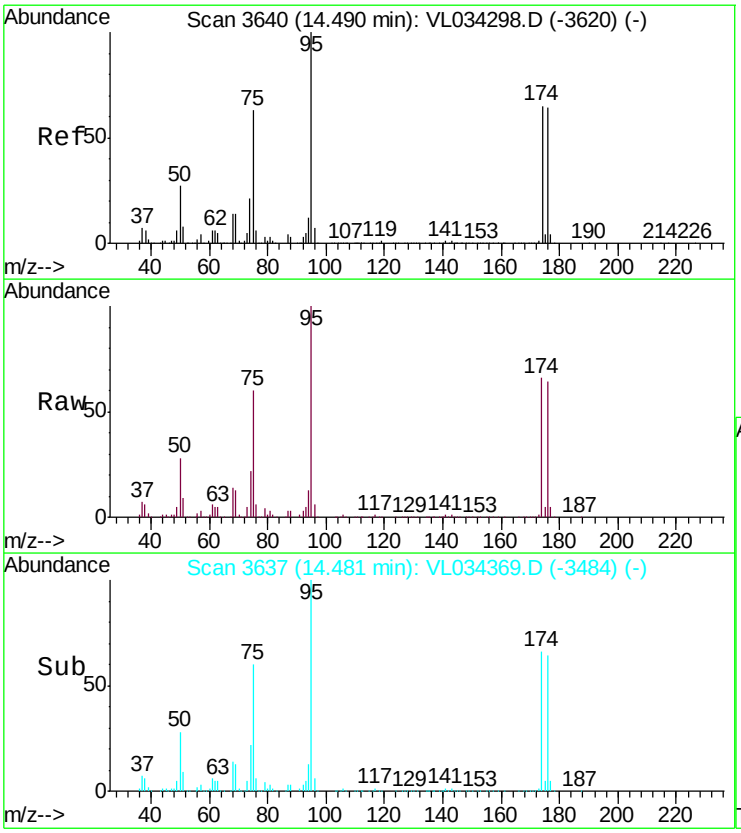

#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2910
Delta R.T. -0.01 min
Lab File: VL034369.D
Acq: 25 Oct 2019 18:21

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC101719 CAN 10266

Tgt Ion:117 Resp: 1744379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 72.4 | 55.5 | 83.3 |
| 119 | 33.7 | 26.5 | 39.7 |




#68
1-Bromo-4-Fluorobenzene
Concen: 10.073 ppbv
RT: 14.48 min Scan# 3637
Delta R.T. -0.01 min
Lab File: VL034369.D
Acq: 25 Oct 2019 18:21

Tgt Ion: 95 Resp: 1488098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 65.4 | 52.6 | 78.8 |
| 175 | 4.7 | 3.8 | 5.6 |