Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050720\
Data File : VL034967.D
Acq On : 7 May 2020 14:27
Operator : SY/AP
Sample : QC041620 CAN 10607
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** QC041620 CAN 10607

Quant Time: May 08 15:07:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.67 | 49 | 1020036 | 10.00 | ppbv | 0.00 |
| 33) 1,4-Difluorobenzene | 7.19 | 114 | 2340874 | 10.00 | ppbv | 0.00 |
| 55) Chlorobenzene-d5 | 12.13 | 117 | 2158173 | 10.00 | ppbv | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.46 | 95 | 1781258 | 10.20 | ppbv | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 102.00% | | | |
| **Target Compounds** | | | | | | Qvalue |

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

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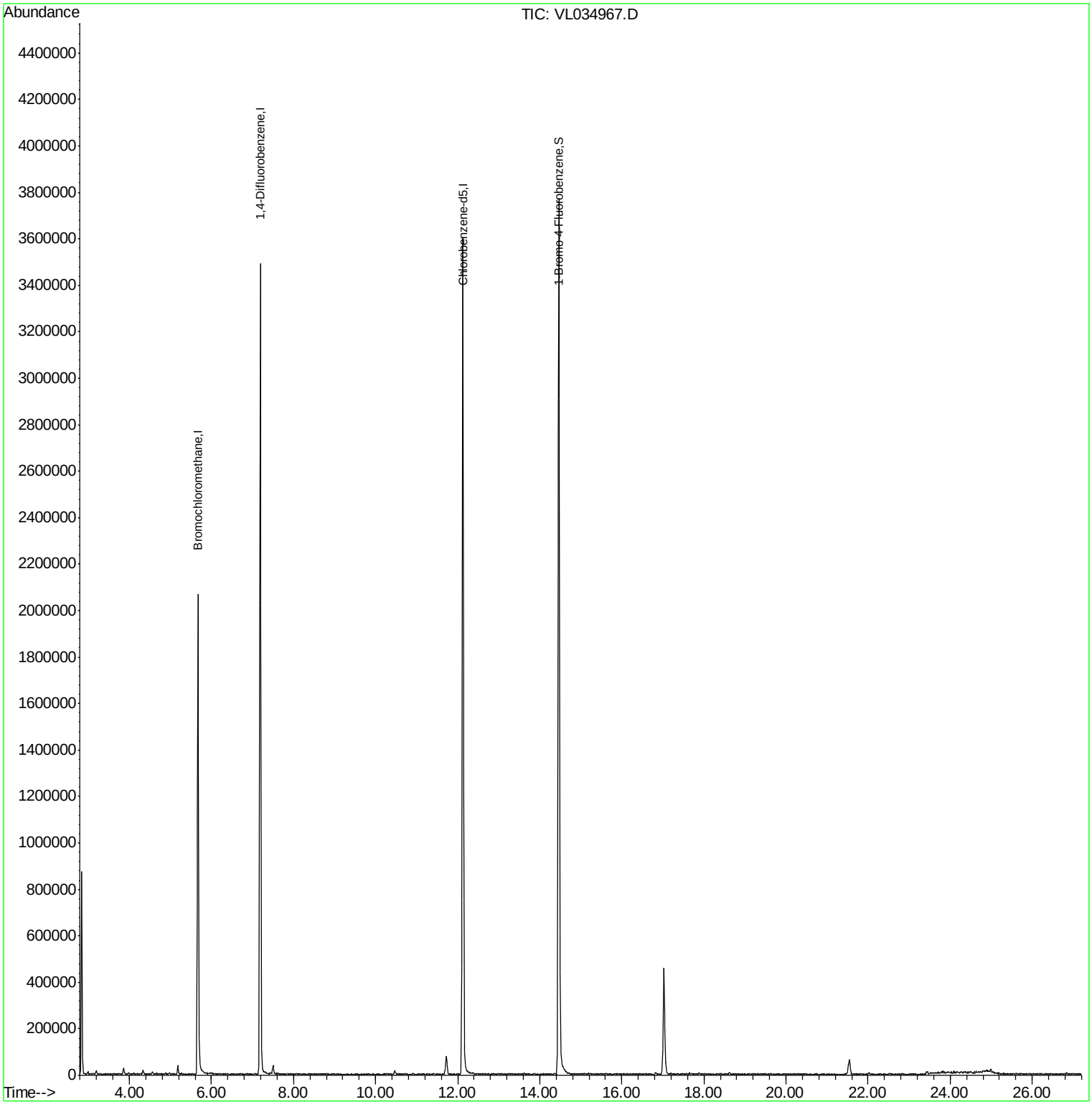
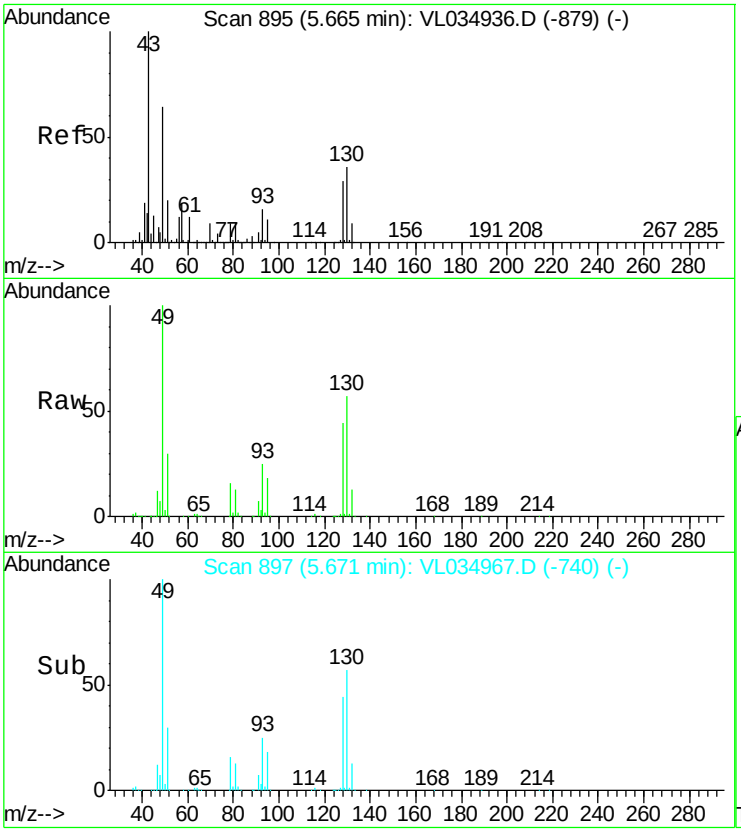


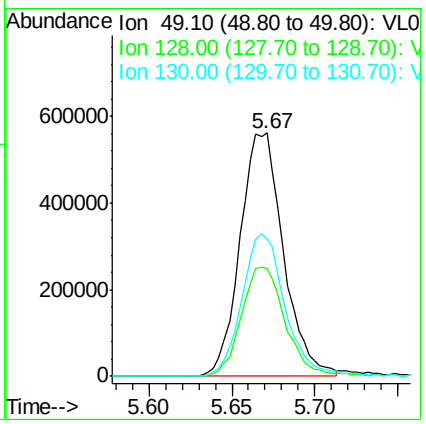


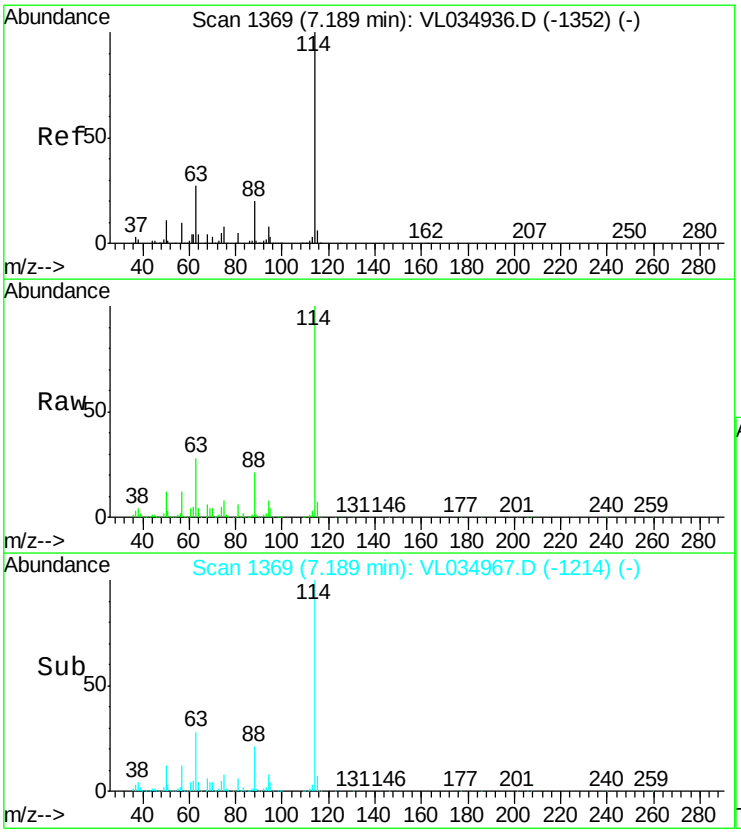

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.01 min
Lab File: VL034967.D
Acq: 7 May 2020 14:27

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC041620 CAN 10607

Tgt Ion: 49 Resp: 1020036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 46.0 | 22.1 | 66.5 |
| 130 | 59.3 | 29.1 | 87.3 |

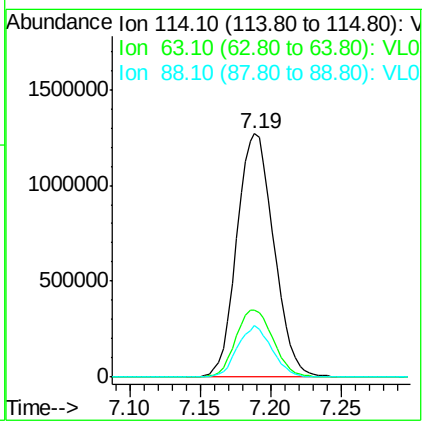


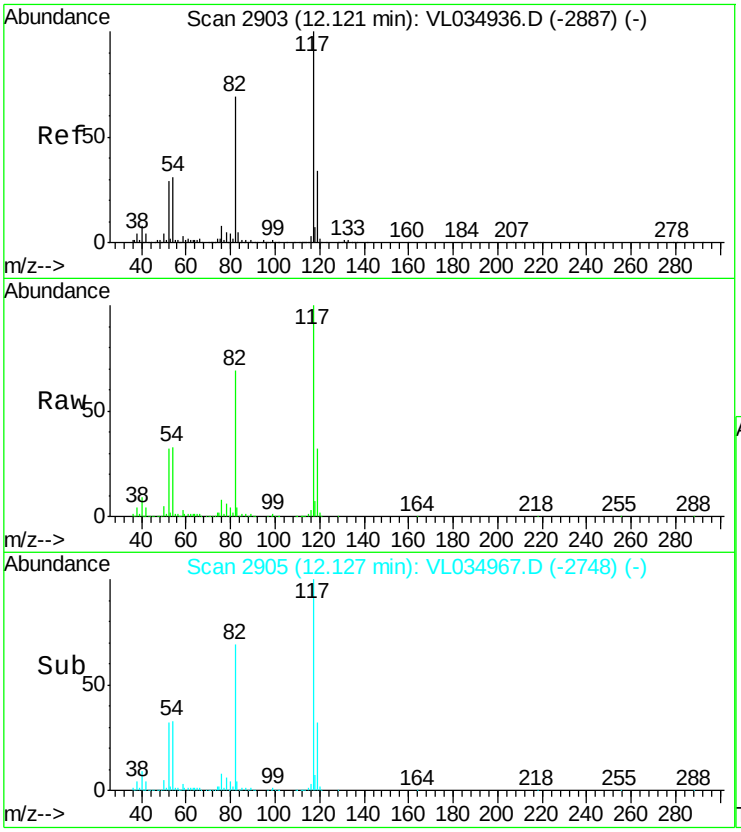




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VL034967.D
Acq: 7 May 2020 14:27

Tgt Ion:114 Resp: 2340874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 27.9 | 22.2 | 33.4 |
| 88 | 19.7 | 15.5 | 23.3 |



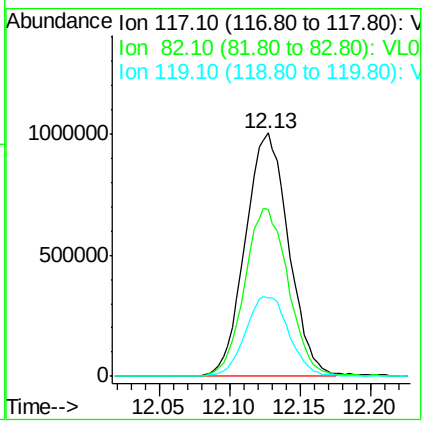


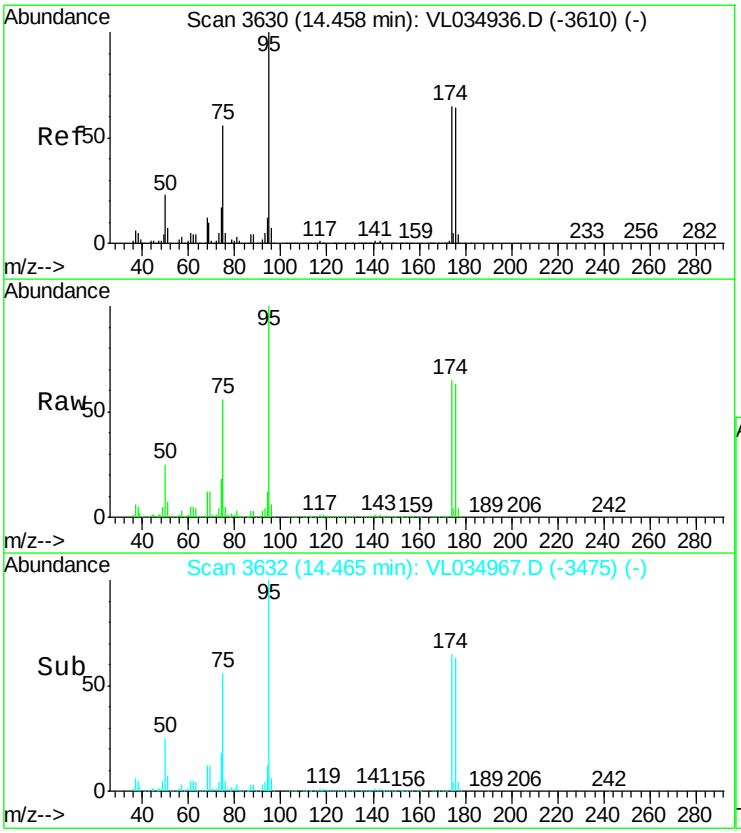

#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.01 min
Lab File: VL034967.D
Acq: 7 May 2020 14:27

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC041620 CAN 10607

Tgt Ion:117 Resp: 2158173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 70.0 | 53.1 | 79.7 |
| 119 | 33.4 | 26.7 | 40.1 |




#68
1-Bromo-4-Fluorobenzene
Concen: 10.197 ppbv
RT: 14.46 min Scan# 3632
Delta R.T. 0.01 min
Lab File: VL034967.D
Acq: 7 May 2020 14:27

Tgt Ion: 95 Resp: 1781258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 64.0 | 51.5 | 77.3 |
| 175 | 4.7 | 3.8 | 5.8 |