Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031319\
Data File : VL033311.D
Acq On : 14 Mar 2019 11:35
Operator : SY/AP
Sample : QC031219 CAN 10060
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** QC031219 CAN 10060

Quant Time: Mar 15 08:54:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031319AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 14 00:01:31 2019
QLast Update : Thu Mar 14 00:01:31 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.76 | 49 | 729200 | 10.00 | ppbv | 0.00 |
| 33) 1,4-Difluorobenzene | 7.29 | 114 | 1716459 | 10.00 | ppbv | 0.00 |
| 55) Chlorobenzene-d5 | 12.24 | 117 | 1779864 | 10.00 | ppbv | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.57 | 95 | 1393090 | 10.25 | ppbv | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 102.50% | | | |
| **Target Compounds** | | | | | | Qvalue |

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

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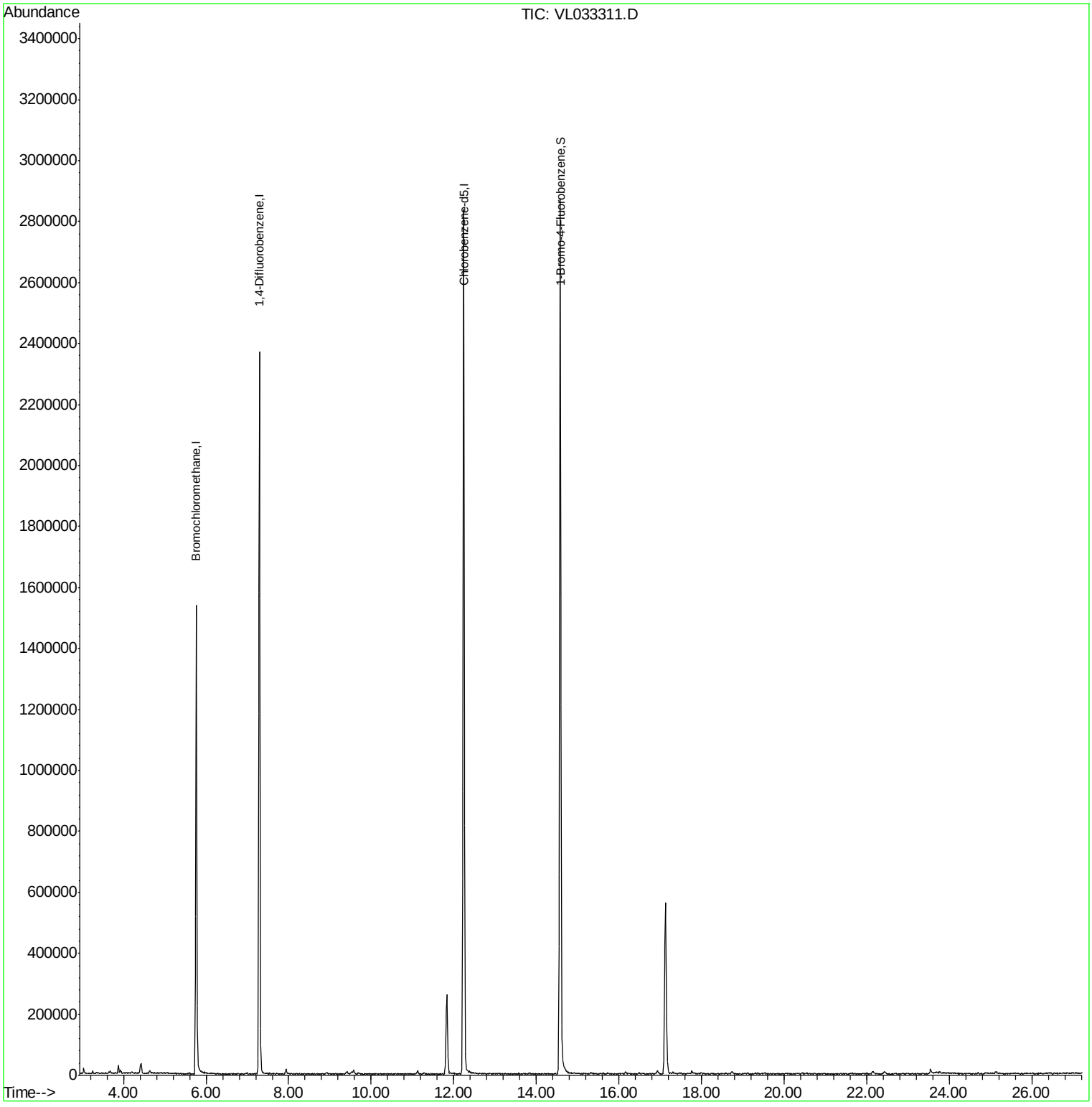
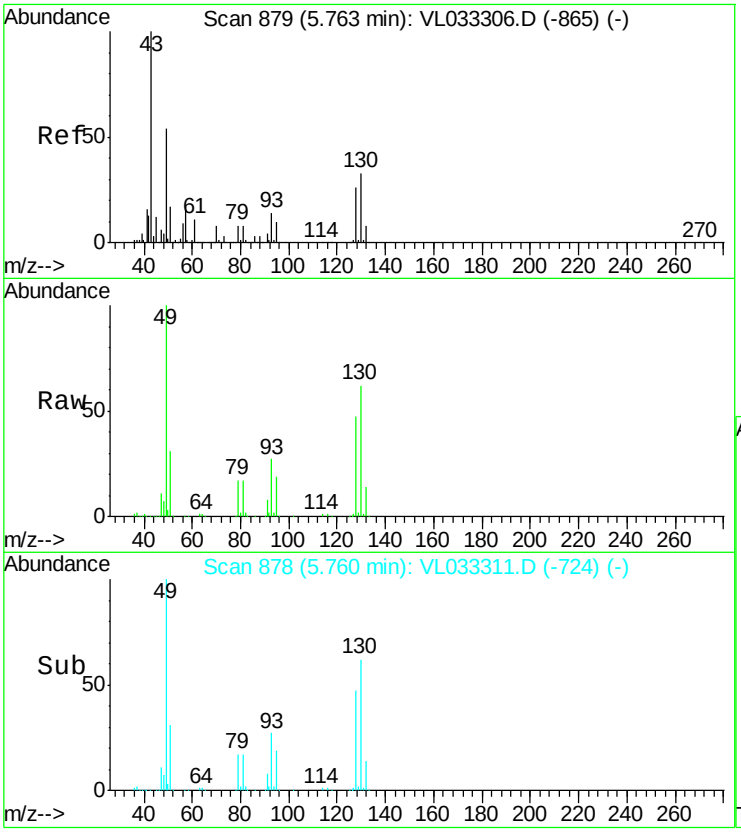


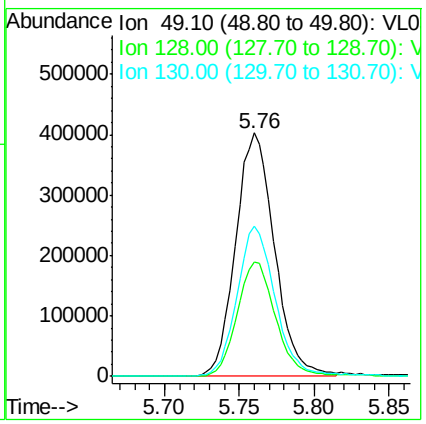


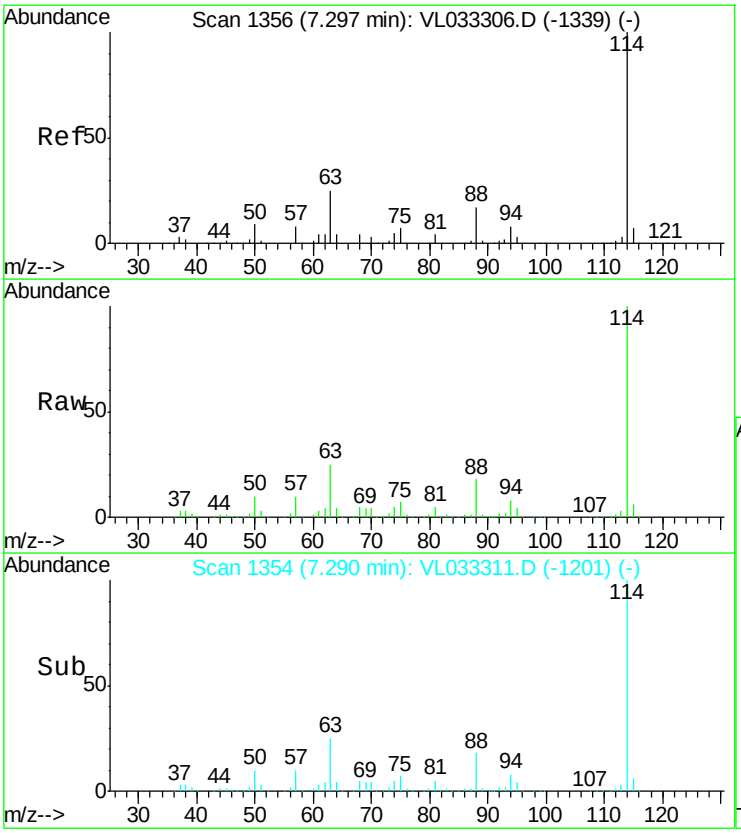

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.00 min
Lab File: VL033311.D
Acq: 14 Mar 2019 11:35

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC031219 CAN 10060

Tgt Ion: 49 Resp: 729200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 47.3 | 23.4 | 70.3 |
| 130 | 61.4 | 29.9 | 89.7 |

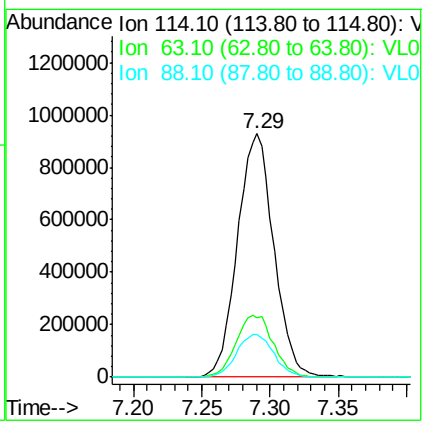


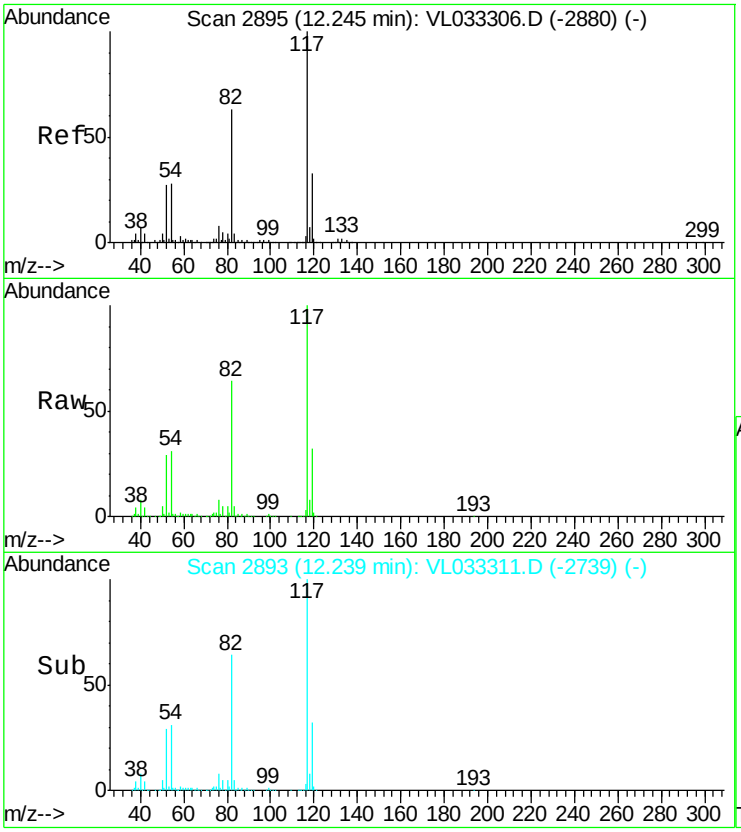




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL033311.D
Acq: 14 Mar 2019 11:35

Tgt Ion:114 Resp: 1716459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 26.2 | 21.3 | 31.9 |
| 88 | 17.9 | 14.5 | 21.7 |



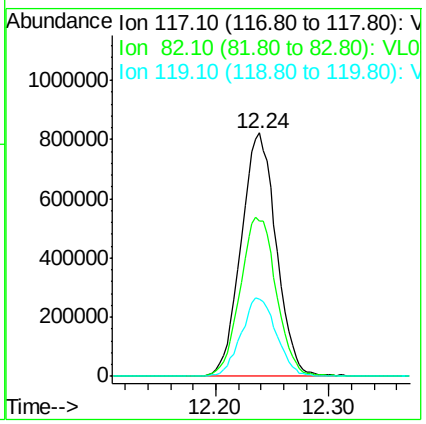


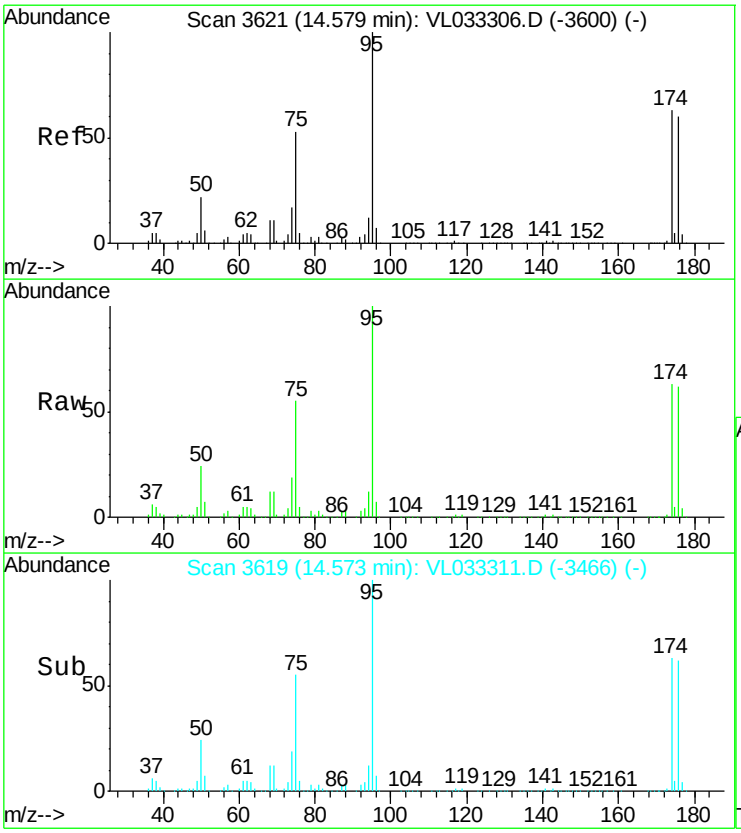

#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL033311.D
Acq: 14 Mar 2019 11:35

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC031219 CAN 10060

Tgt Ion:117 Resp: 1779864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 67.4 | 51.3 | 76.9 |
| 119 | 32.4 | 27.0 | 40.4 |




#68
1-Bromo-4-Fluorobenzene
Concen: 10.249 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033311.D
Acq: 14 Mar 2019 11:35

Tgt Ion: 95 Resp: 1393090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 65.1 | 51.9 | 77.9 |
| 175 | 4.6 | 3.9 | 5.9 |