Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112420\
Data File : VL035999.D
Acq On : 24 Nov 2020 18:28
Operator : SY/AP
Sample : QC111920 CAN 10280
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** QC111920 CAN 10280

Quant Time: Nov 25 12:43:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.64 | 49 | 1250726 | 10.00 | ppbv | -0.03 |
| 33) 1,4-Difluorobenzene | 7.15 | 114 | 4412658 | 10.00 | ppbv | -0.03 |
| 55) Chlorobenzene-d5 | 12.06 | 117 | 4168222 | 10.00 | ppbv | -0.04 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.39 | 95 | 3177178 | 10.73 | ppbv | -0.04 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 107.30% | | | |
| **Target Compounds** | | | | | | Qvalue |

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

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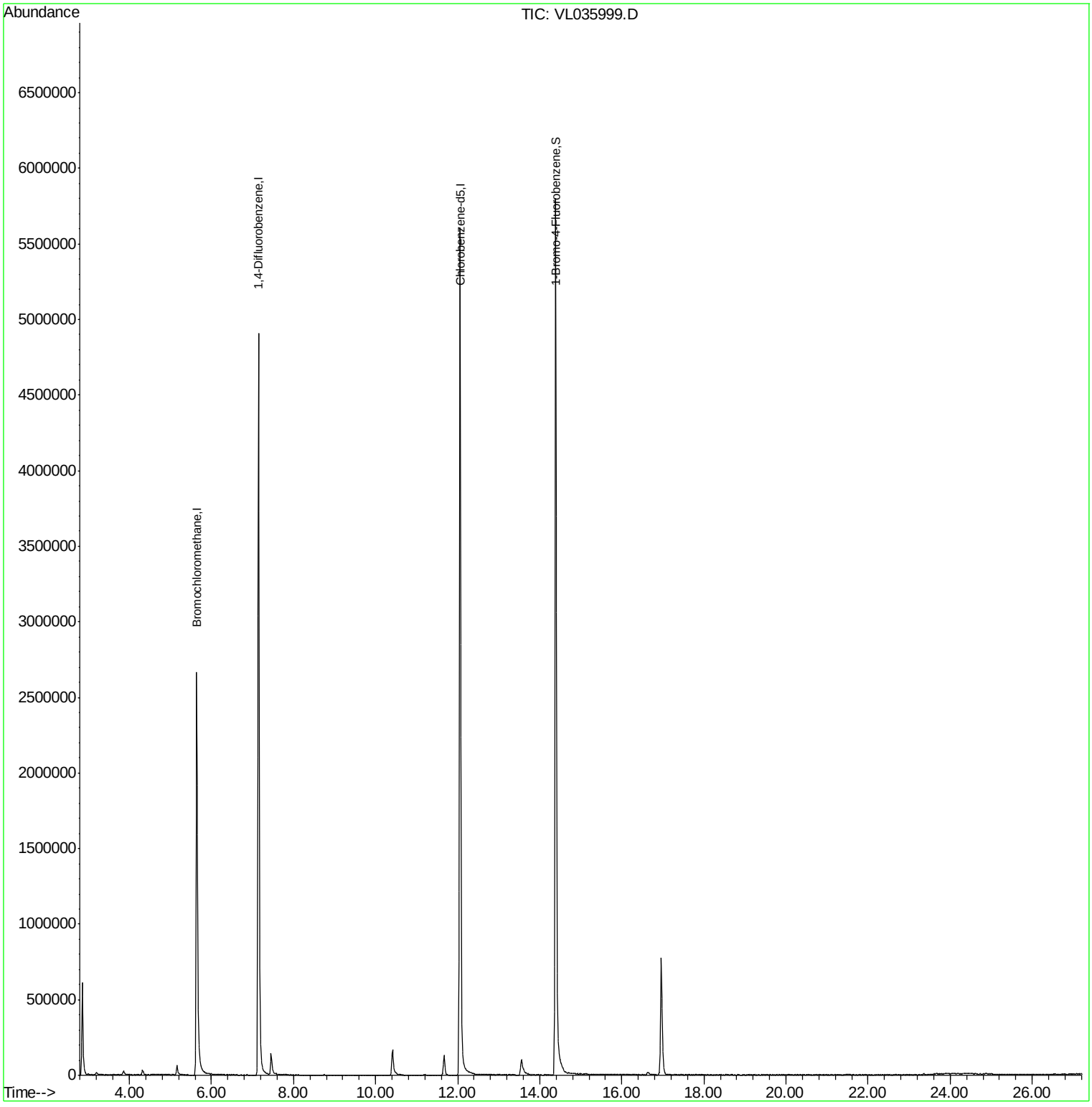
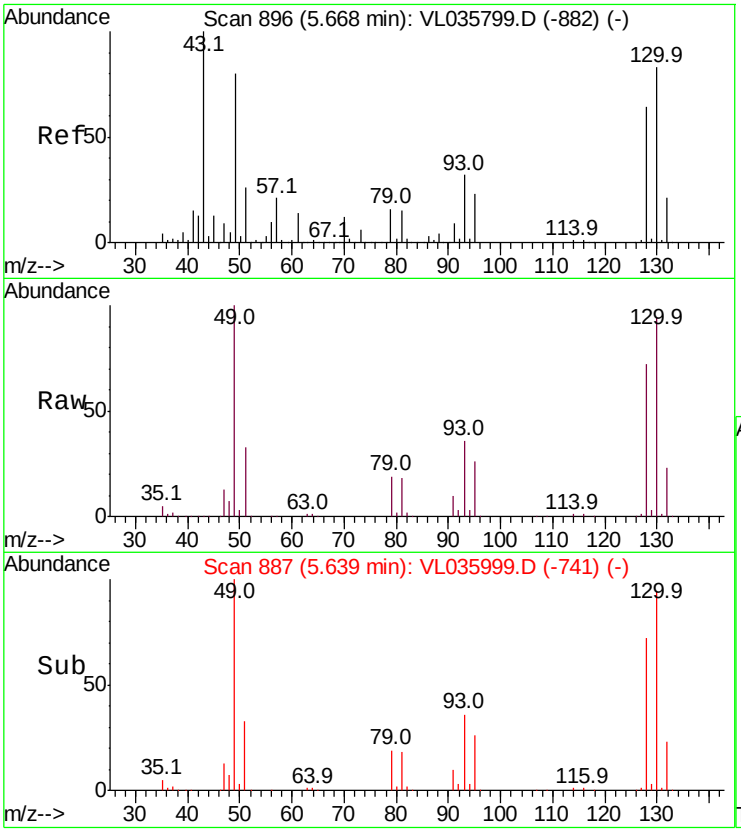


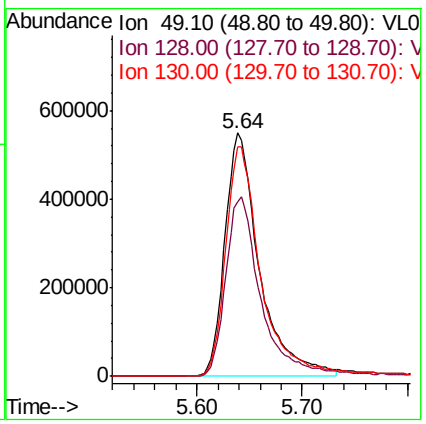


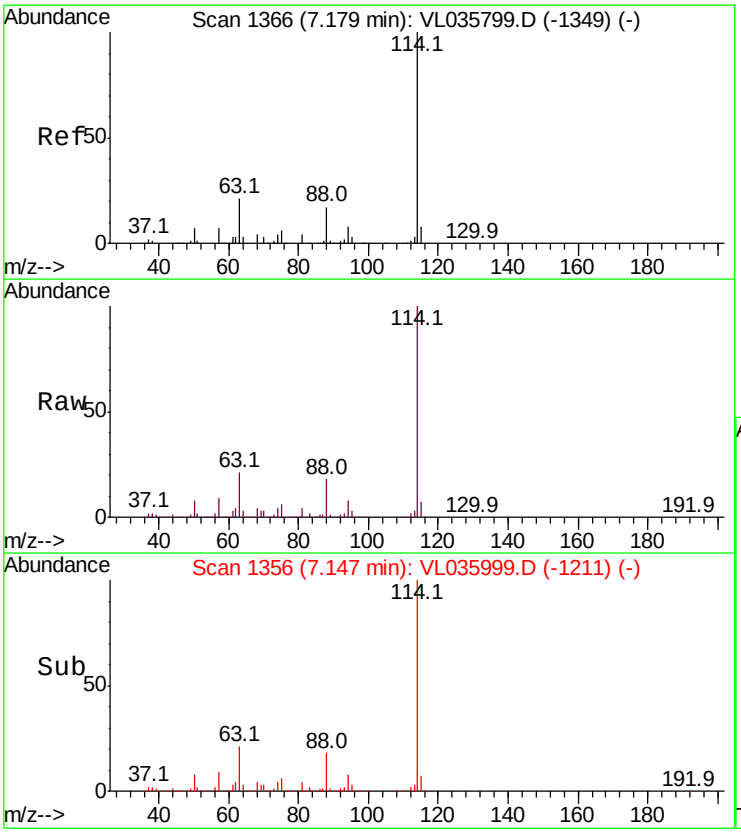

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 887
Delta R.T. -0.03 min
Lab File: VL035999.D
Acq: 24 Nov 2020 18:28

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC111920 CAN 10280

Tgt Ion: 49 Resp: 1250726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 76.8 | 41.5 | 124.6 |
| 130 | 98.8 | 53.7 | 161.1 |

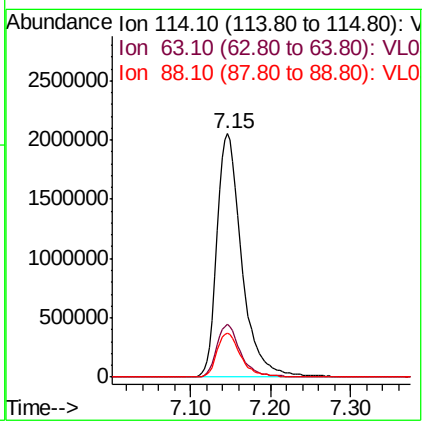


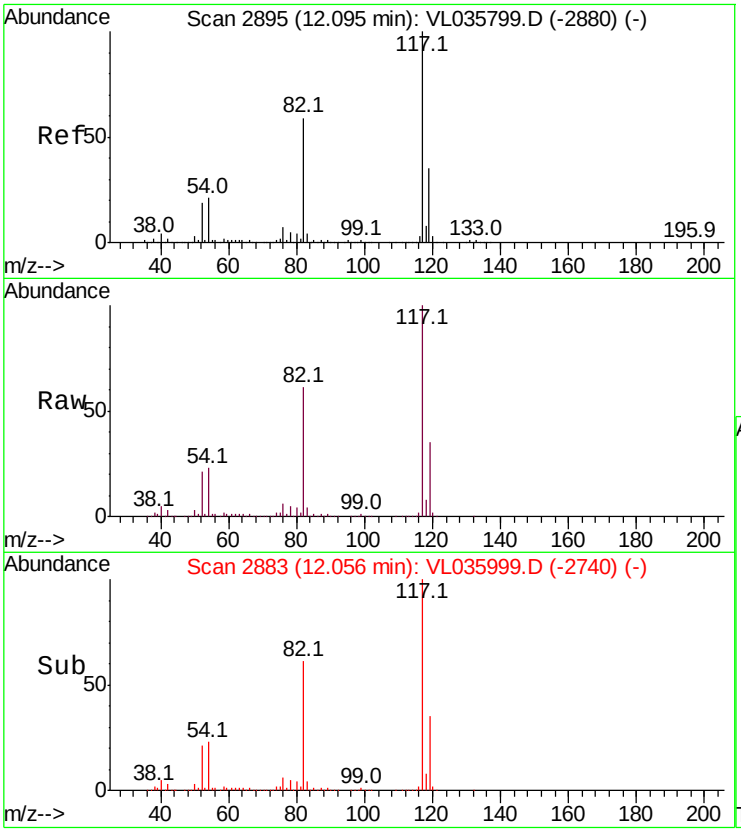




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.03 min
Lab File: VL035999.D
Acq: 24 Nov 2020 18:28

Tgt Ion:114 Resp: 4412658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.1 | 16.1 | 24.1 |
| 88 | 17.5 | 13.7 | 20.5 |



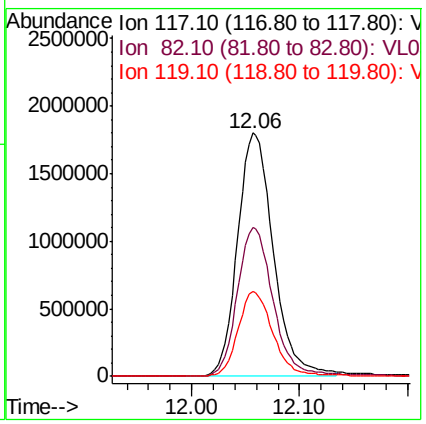


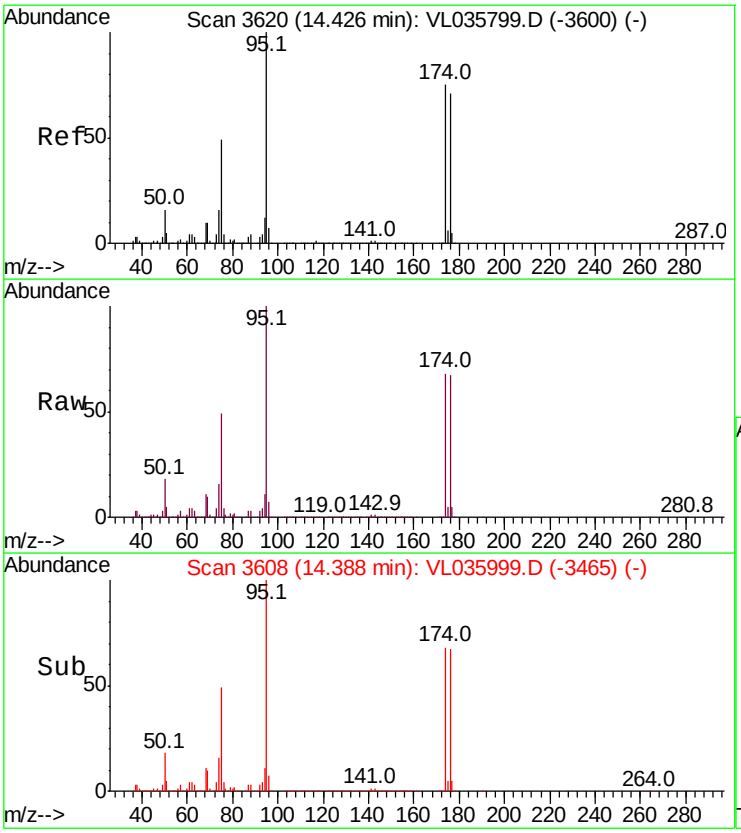

#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2883
Delta R.T. -0.04 min
Lab File: VL035999.D
Acq: 24 Nov 2020 18:28

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC111920 CAN 10280

Tgt Ion:117 Resp: 4168222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 62.4 | 50.6 | 76.0 |
| 119 | 34.7 | 52.6 | 78.8# |




#68
1-Bromo-4-Fluorobenzene
Concen: 10.729 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. -0.04 min
Lab File: VL035999.D
Acq: 24 Nov 2020 18:28

Tgt Ion: 95 Resp: 3177178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 70.9 | 59.8 | 89.6 |
| 175 | 5.0 | 4.3 | 6.5 |