Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062619\
Data File : VL033968.D
Acq On : 26 Jun 2019 15:20
Operator : SY/AP
Sample : QC062019 CAN 10267
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** QC062019 CAN 10267

Quant Time: Jun 27 04:23:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.74 | 49 | 770360 | 10.00 | ppbv | -0.02 |
| 33) 1,4-Difluorobenzene | 7.26 | 114 | 1760469 | 10.00 | ppbv | -0.02 |
| 55) Chlorobenzene-d5 | 12.21 | 117 | 1661487 | 10.00 | ppbv | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.54 | 95 | 1435078 | 10.52 | ppbv | -0.02 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 105.20% | | | |
| **Target Compounds** | | | | | | Qvalue |

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

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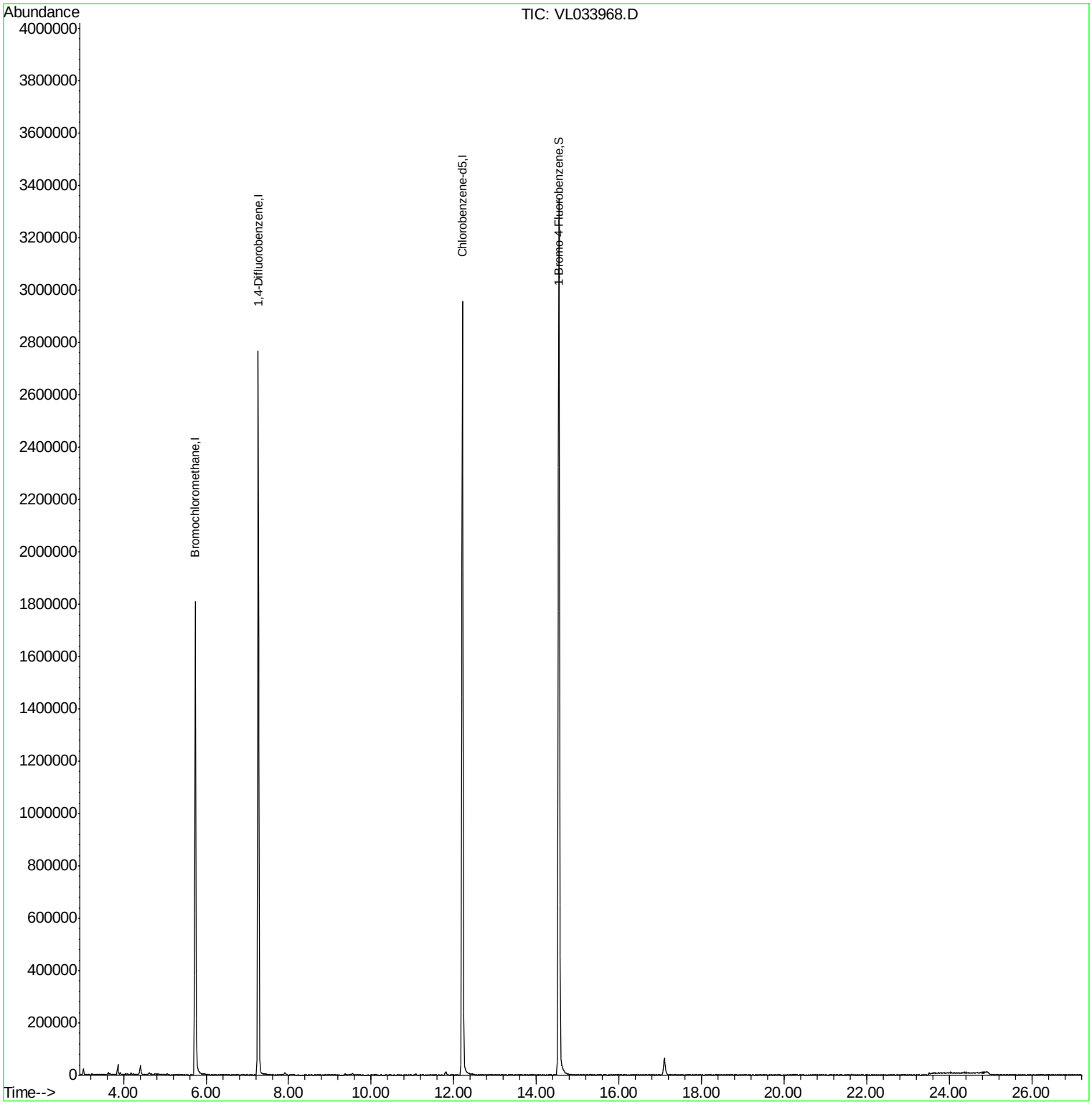
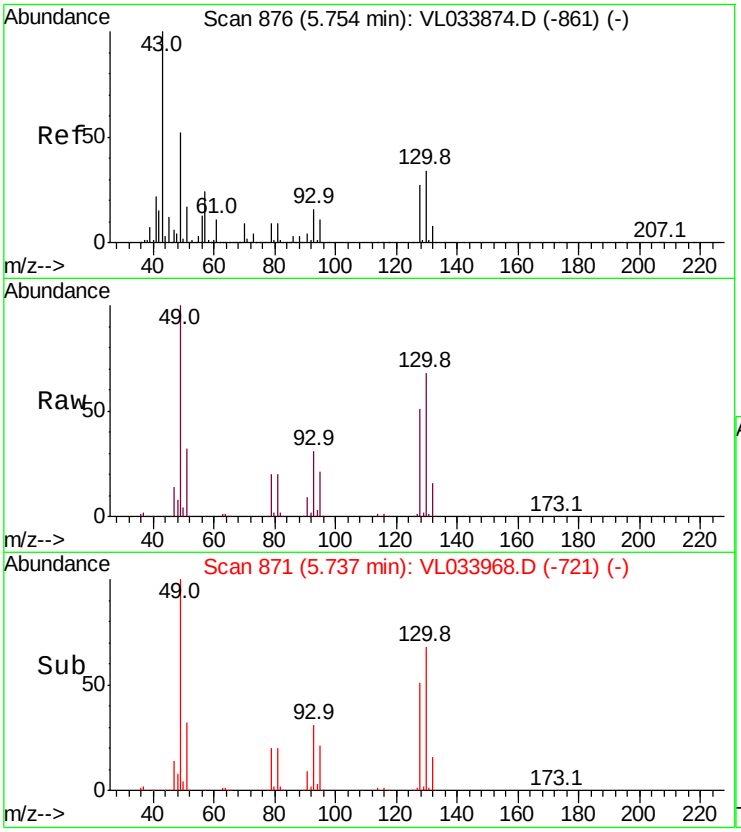


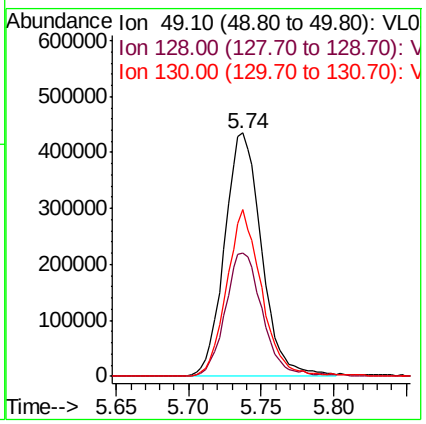


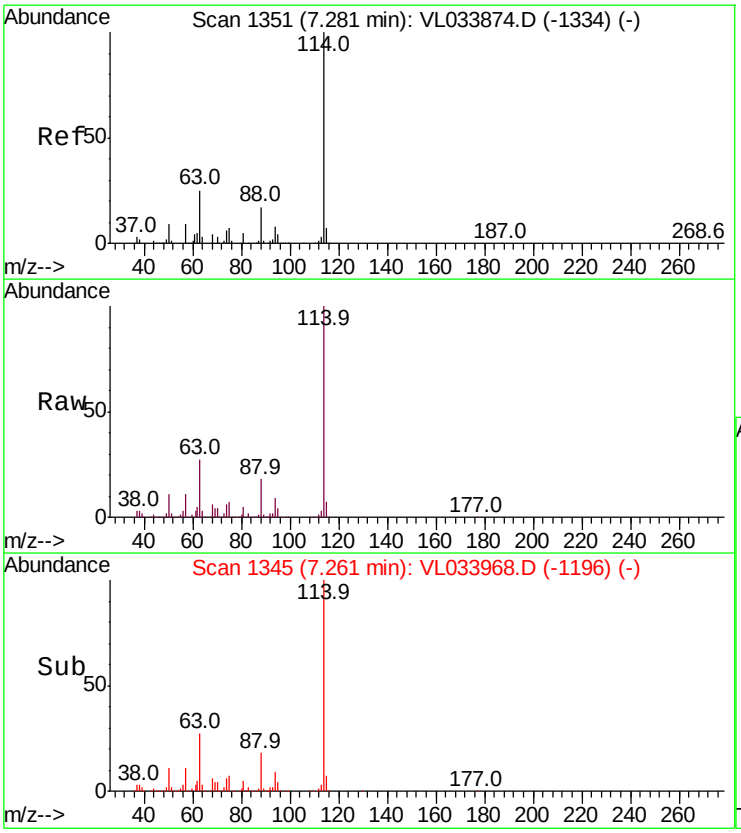

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.74 min Scan# 871
Delta R.T. -0.02 min
Lab File: VL033968.D
Acq: 26 Jun 2019 15:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC062019 CAN 10267

Tgt Ion: 49 Resp: 770360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 51.6 | 25.5 | 76.5 |
| 130 | 65.2 | 32.5 | 97.4 |

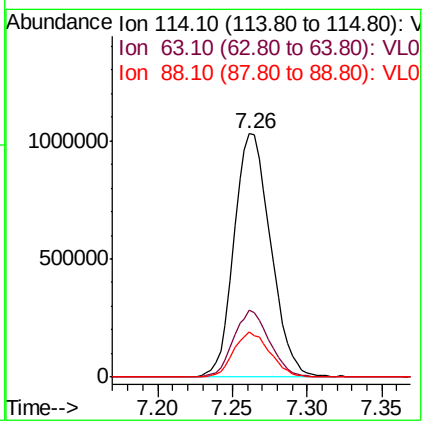


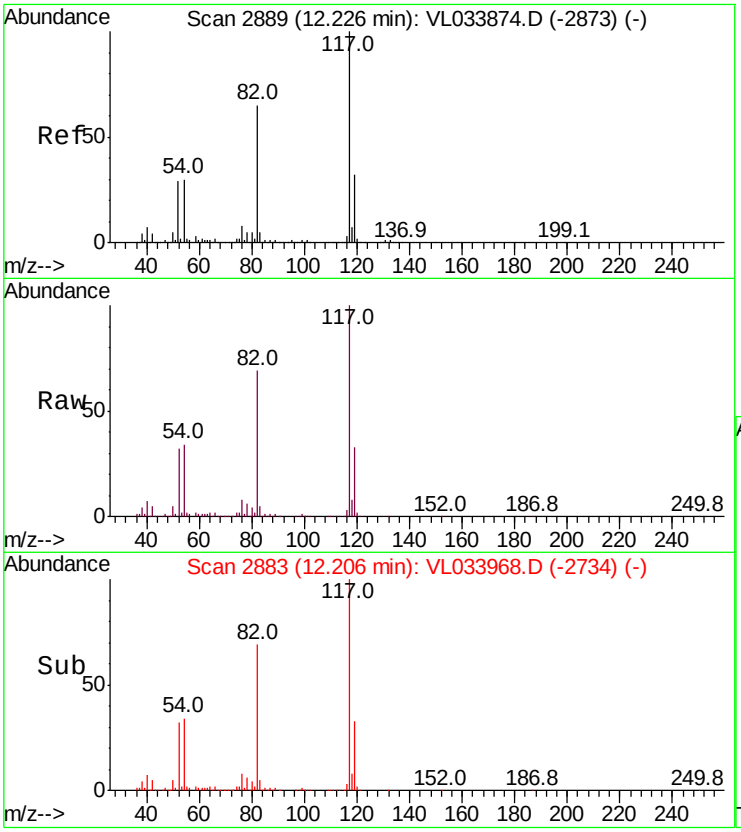




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.26 min Scan# 1345
Delta R.T. -0.02 min
Lab File: VL033968.D
Acq: 26 Jun 2019 15:20

Tgt Ion:114 Resp: 1760469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 26.9 | 21.1 | 31.7 |
| 88 | 18.2 | 14.2 | 21.4 |



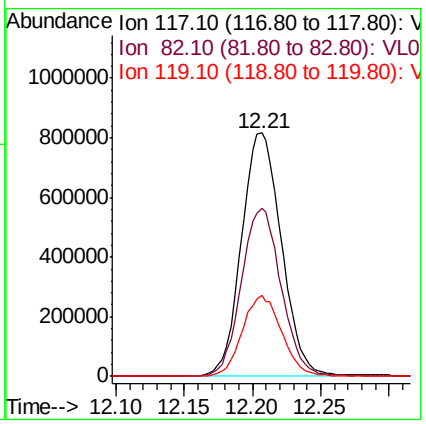


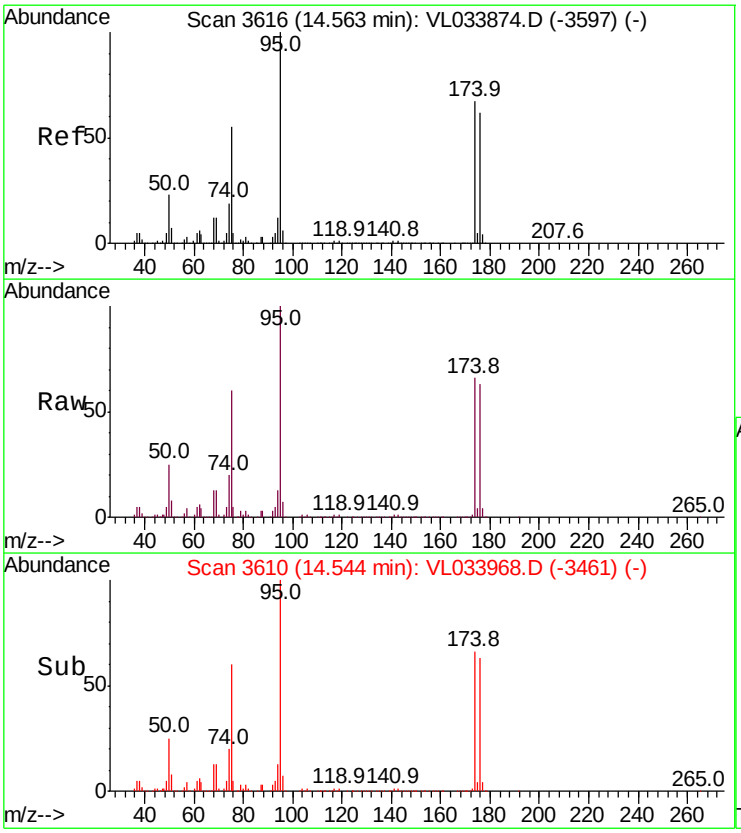

#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.21 min Scan# 2883
Delta R.T. -0.02 min
Lab File: VL033968.D
Acq: 26 Jun 2019 15:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC062019 CAN 10267

Tgt Ion:117 Resp: 1661487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 69.4 | 50.2 | 75.2 |
| 119 | 32.9 | 24.8 | 37.2 |




#68
1-Bromo-4-Fluorobenzene
Concen: 10.516 ppbv
RT: 14.54 min Scan# 3610
Delta R.T. -0.02 min
Lab File: VL033968.D
Acq: 26 Jun 2019 15:20

Tgt Ion: 95 Resp: 1435078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 64.8 | 54.0 | 81.0 |
| 175 | 4.5 | 3.8 | 5.8 |