Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102721\
Data File : VL037913.D
Acq On : 27 Oct 2021 12:40
Operator : SY/AP
Sample : QC102621 CAN 10294
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC102621 CAN 10294

Quant Time: Oct 28 05:17:48 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.69 | 49 | 1413379 | 10.00 | ppbv | 0.02 |
| 33) 1,4-Difluorobenzene | 7.20 | 114 | 4127690 | 10.00 | ppbv | 0.02 |
| 55) Chlorobenzene-d5 | 12.10 | 117 | 3394559 | 10.00 | ppbv | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.43 | 95 | 2308523 | 9.72 | ppbv | 0.02 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 97.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 9) Propene | 3.04 | 41 | 5496 | 0.055 | ppbv | # 58 |
| 20) Methylene Chloride | 4.36 | 84 | 4749 | 0.074 | ppbv | # 28 |
| 39) 1,2-Dichloropropane | 7.20 | 63 | 960698 | 7.244 | ppbv | # 28 |

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

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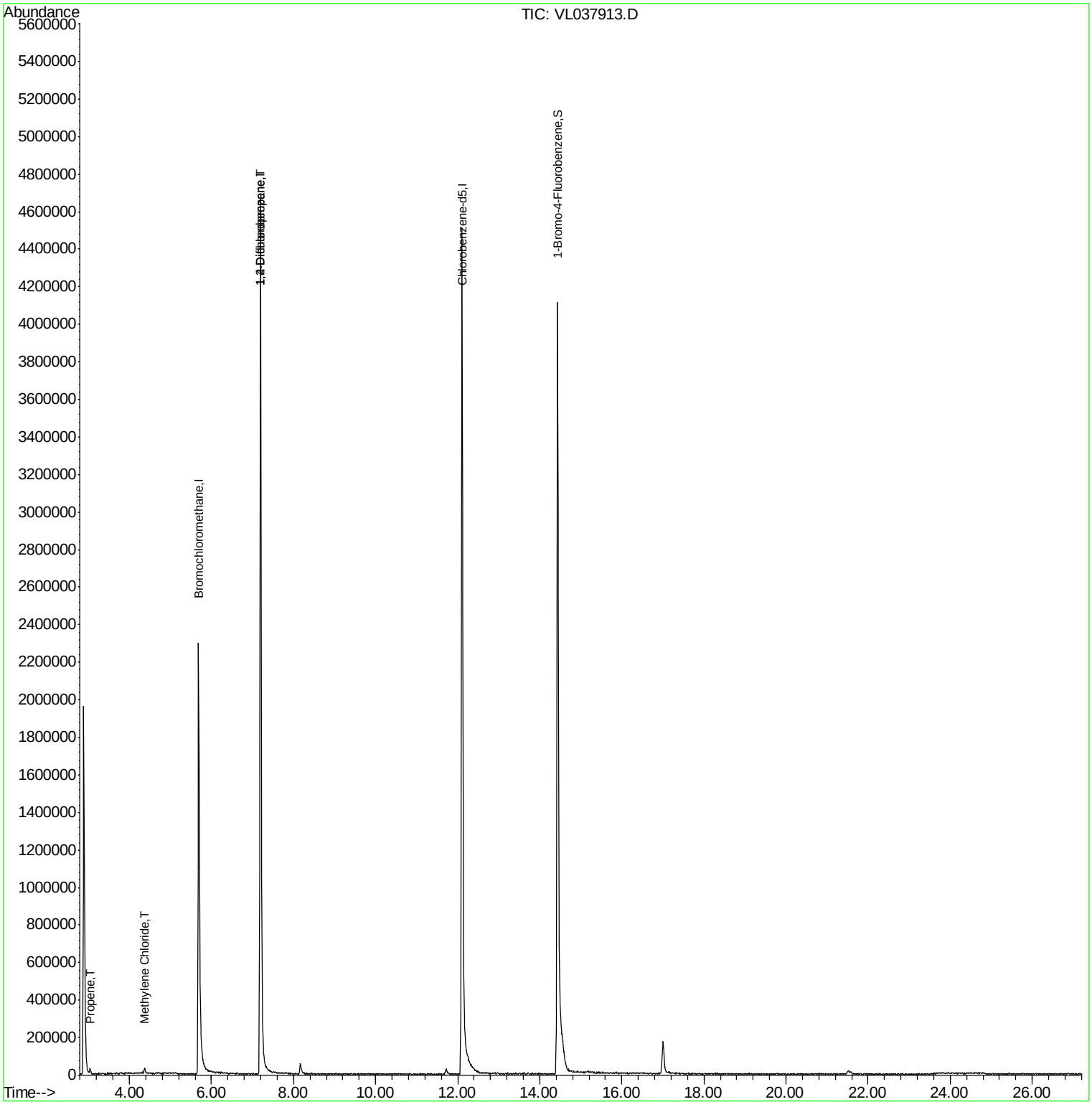
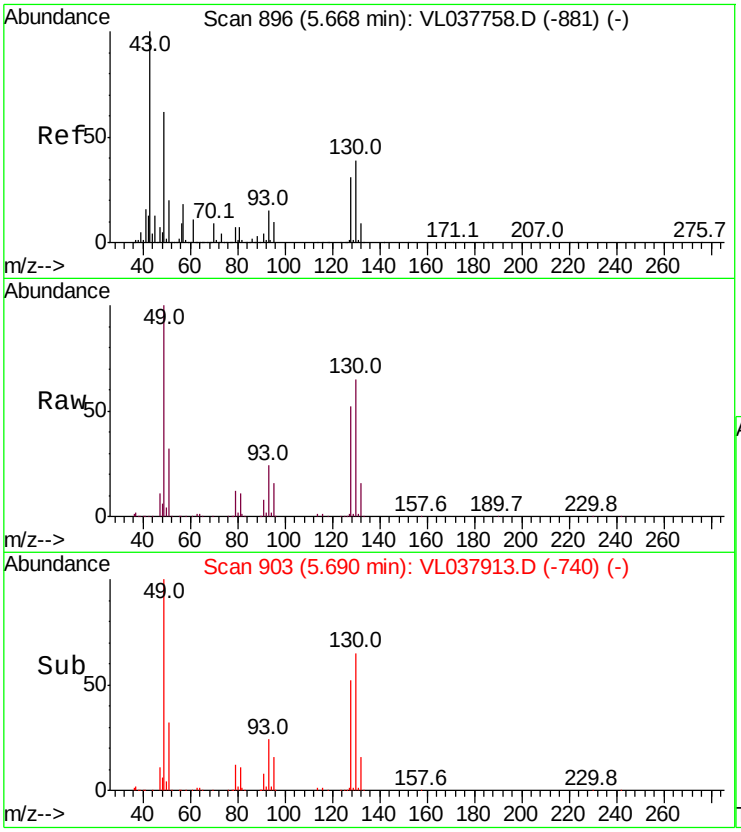


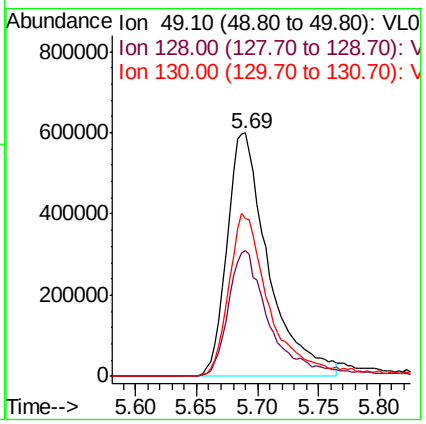


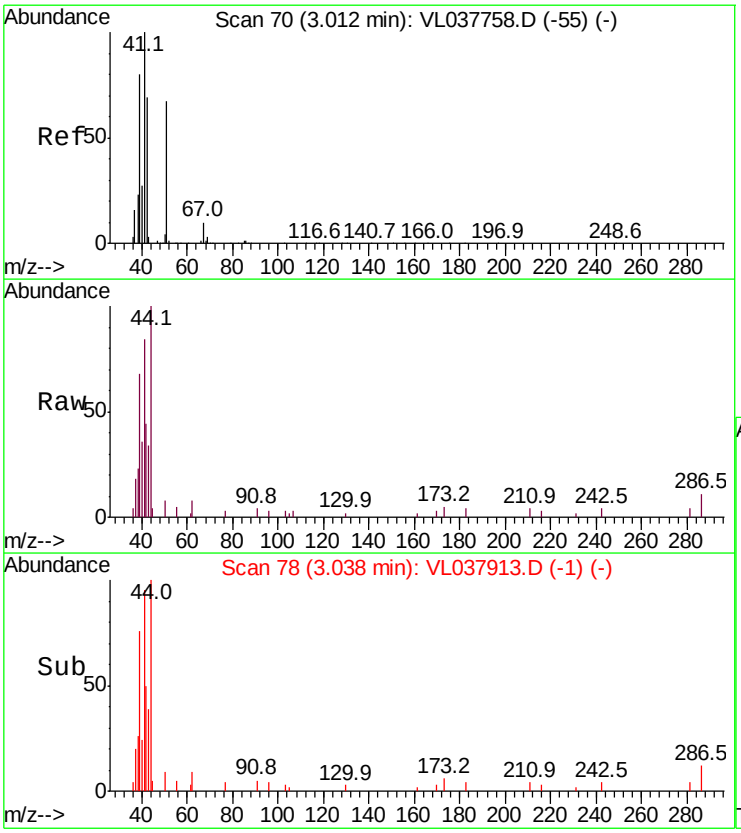

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 27 Oct 2021 12:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC102621 CAN 10294

Tgt Ion: 49 Resp: 1413379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 54.0 | 27.1 | 81.3 |
| 130 | 68.7 | 33.2 | 99.6 |

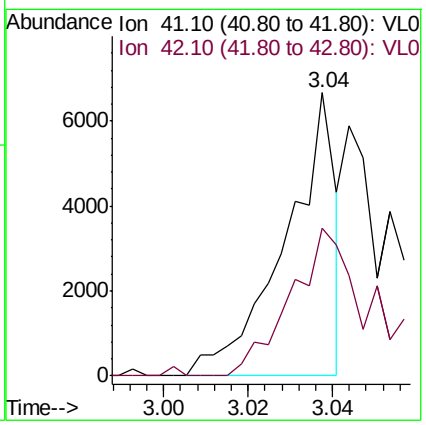


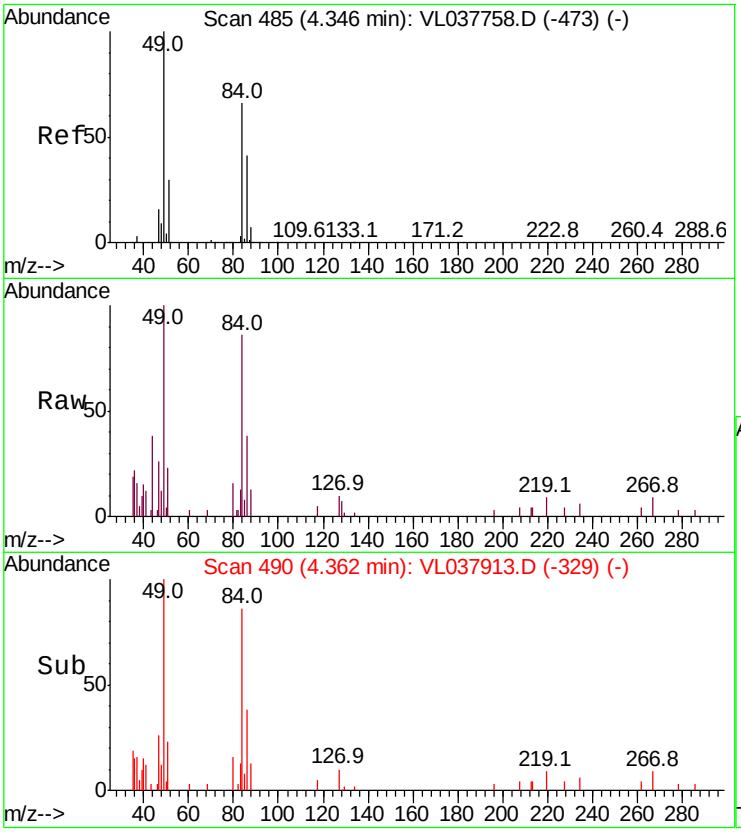




#9
Propene
Concen: 0.055 ppbv
RT: 3.04 min Scan# 78
Delta R.T. 0.03 min
Lab File: VL037913.D
Acq: 27 Oct 2021 12:40

Tgt Ion: 41 Resp: 5496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 101.7 | 54.2 | 81.2# |



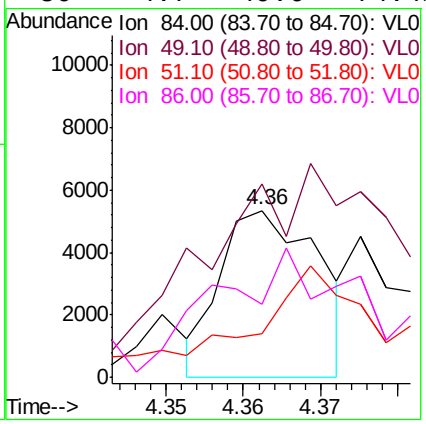


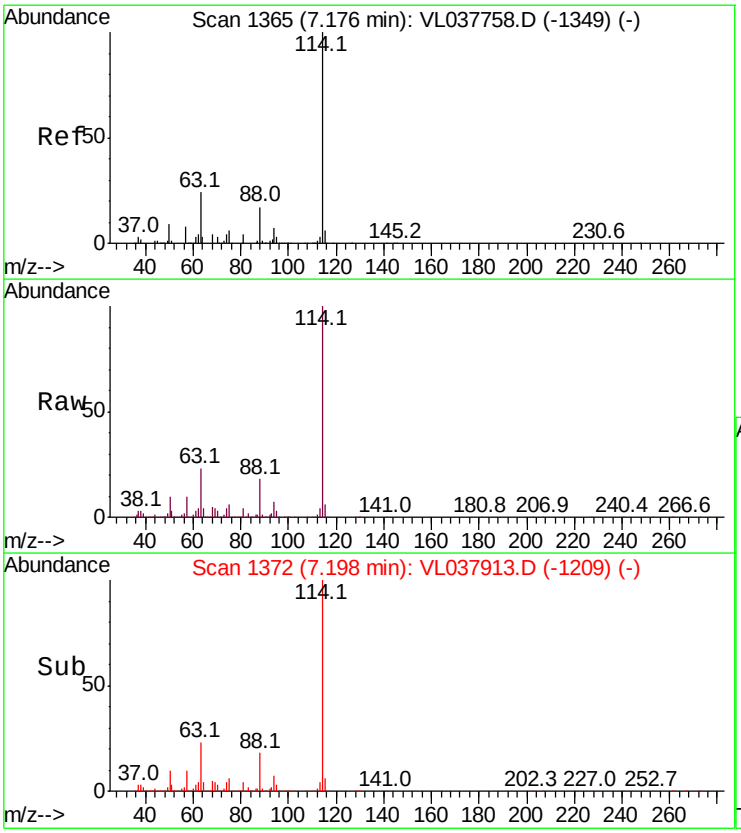

#20
Methylene Chloride
Concen: 0.074 ppbv
RT: 4.36
Delta R.T
Lab File:
Acq: 27 Oct 2021 12:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC102621 CAN 10294

Tgt Ion: 84 Resp: 4749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 50.0 | 120.7 | 181.1# |
| 51 | 17.1 | 36.2 | 54.4# |
| 86 | 4.7 | 49.6 | 74.4# |

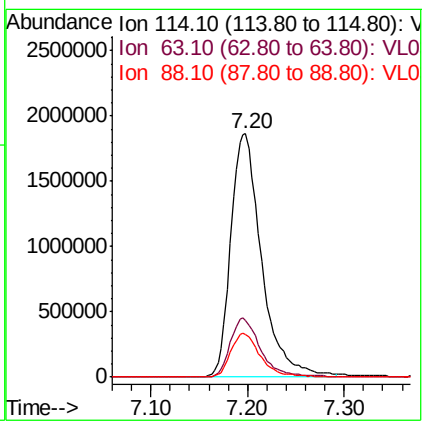


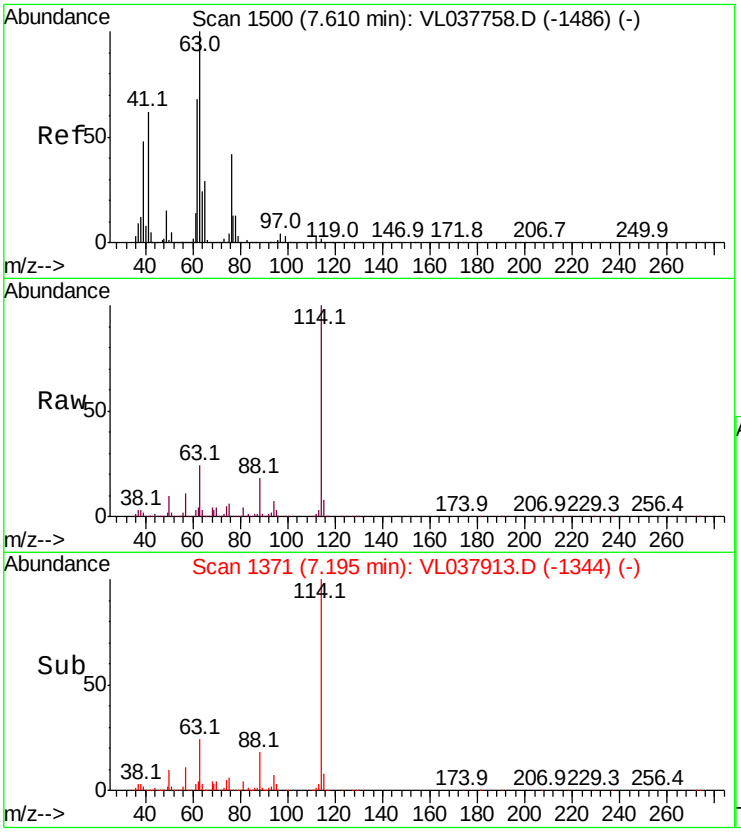




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. 0.02 min
Lab File: VL037913.D
Acq: 27 Oct 2021 12:40

Tgt Ion:114 Resp: 4127690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 24.2 | 19.4 | 29.2 |
| 88 | 17.9 | 14.4 | 21.6 |



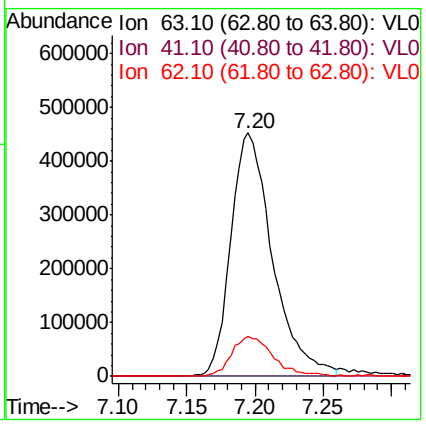


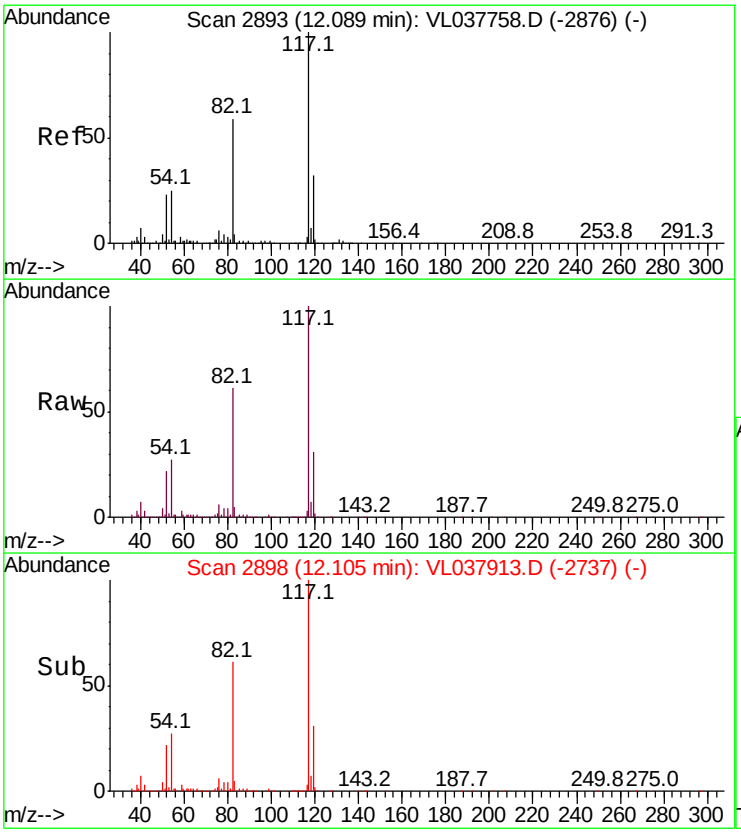

#39
1,2-Dichloropropane
Concen: 7.244 ppbv
RT: 7.20
Delta R.T
Lab File:
Acq: 27 Oct 2021 12:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC102621 CAN 10294

Tgt Ion: 63 Resp: 960698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 0.1 | 49.8 | 74.6# |
| 62 | 16.5 | 54.6 | 82.0# |

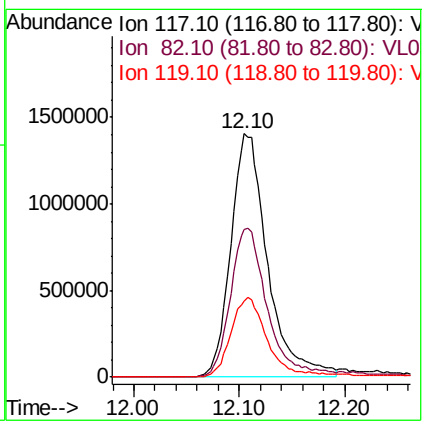


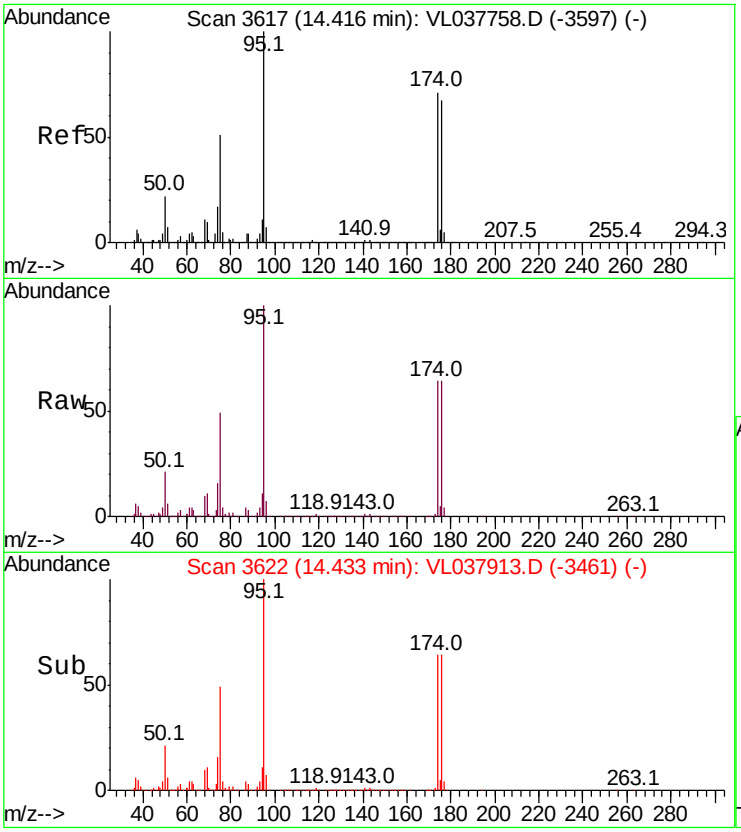




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. 0.02 min
Lab File: VL037913.D
Acq: 27 Oct 2021 12:40

Tgt Ion:117 Resp: 3394559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 64.5 | 52.2 | 78.2 |
| 119 | 34.3 | 26.0 | 39.0 |






#68
1-Bromo-4-Fluorobenzene
Concen: 9.725 ppbv
RT: 14.43
Delta R.T
Lab File:
Acq: 27 Oct 2021 12:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC102621 CAN 10294

Tgt Ion: 95 Resp: 2308523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 75.8 | 57.8 | 86.6 |
| 175 | 5.4 | 4.7 | 7.1 |