Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030322\
Data File : VL038530.D
Acq On : 4 Mar 2022 1:41
Operator : SY/AP
Sample : CAN 10606
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
CAN 10606

Quant Time: Mar 04 04:35:28 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.64 | 49 | 806834 | 10.00 | ppbv | -0.01 |
| 33) 1,4-Difluorobenzene | 7.14 | 114 | 1795941 | 10.00 | ppbv | -0.02 |
| 55) Chlorobenzene-d5 | 12.04 | 117 | 1635016 | 10.00 | ppbv | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.37 | 95 | 1310085 | 9.68 | ppbv | -0.02 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 96.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 20) Methylene Chloride | 4.32 | 84 | 1807 | 0.053 | ppbv | # 79 |
| 30) Cyclohexane | 7.12 | 84 | 3402 | 0.050 | ppbv | # 1 |
| 39) 1,2-Dichloropropane | 7.19 | 63 | 8612 | 0.137 | ppbv | # 25 |

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

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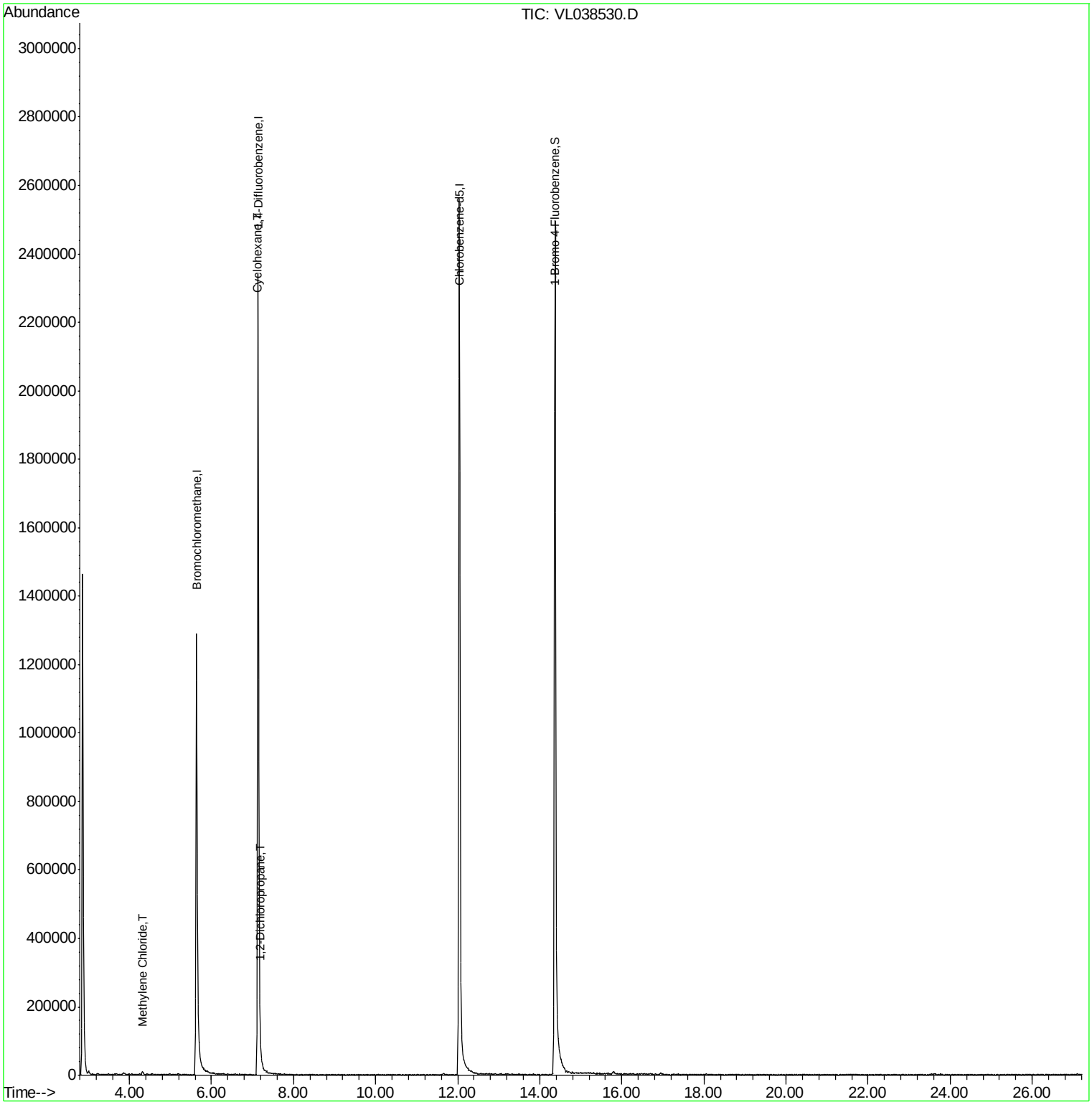
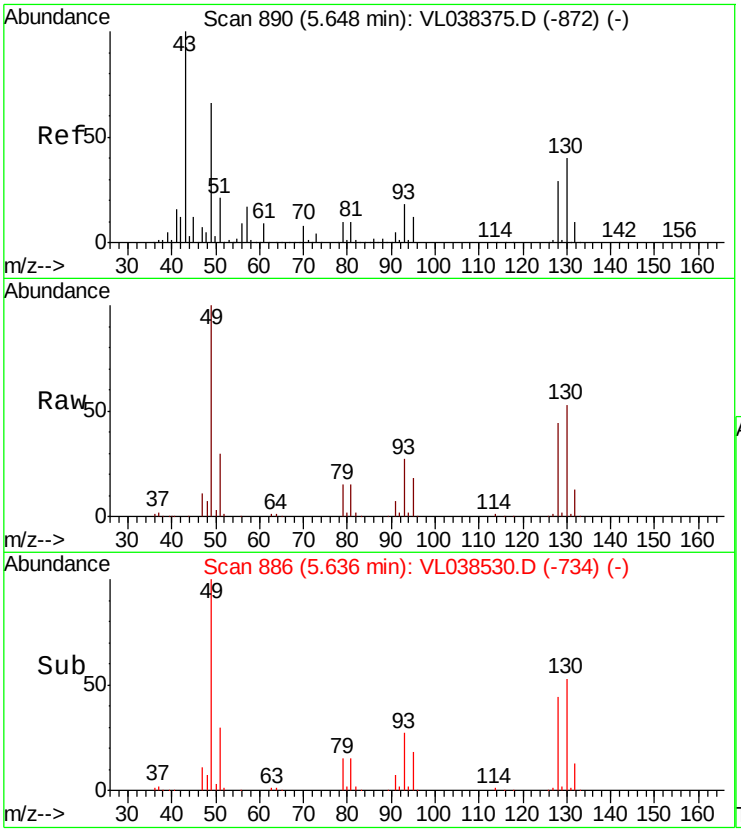


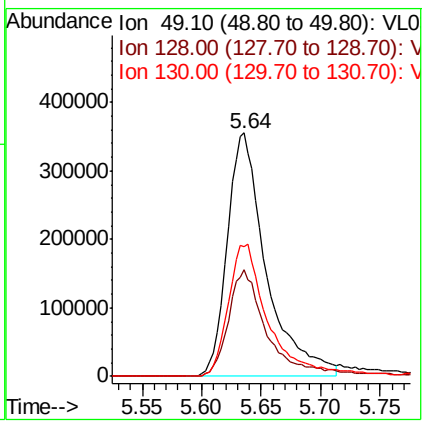


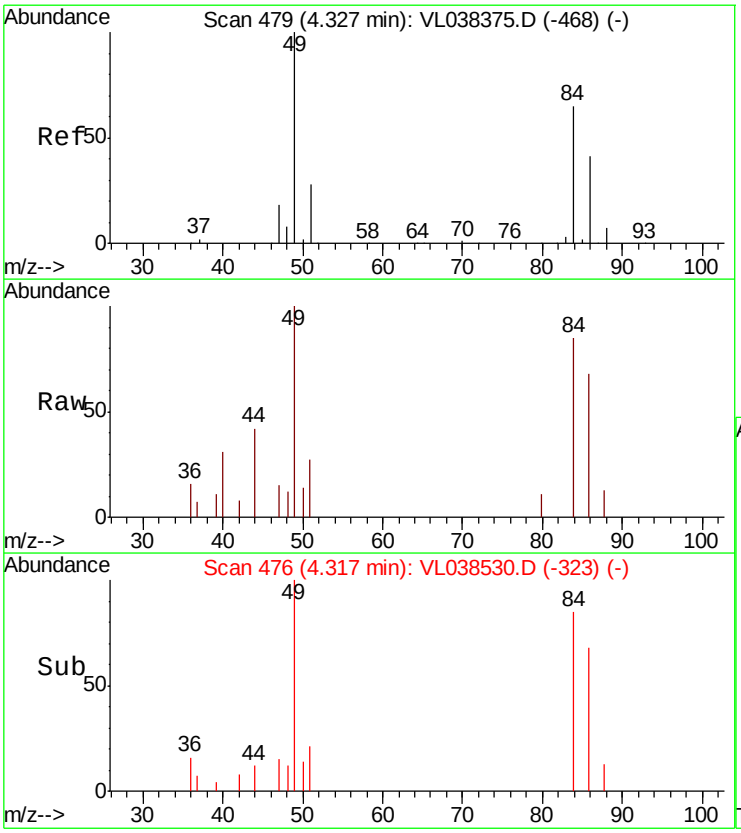

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64
Delta R.T
Lab File:
Acq: 4 Mar 2022 1:41

**Instrument :**
MSVOA_L
**ClientSampleId :**
CAN 10606

Tgt Ion: 49 Resp: 806834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 45.5 | 24.3 | 72.9 |
| 130 | 57.3 | 30.1 | 90.5 |

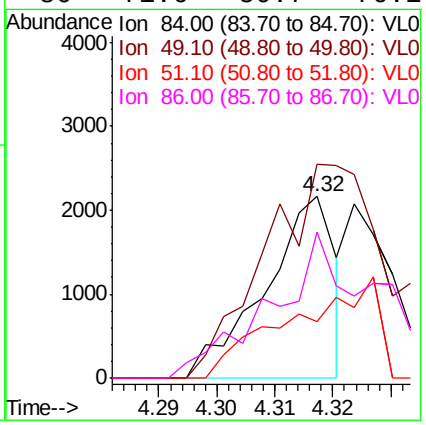


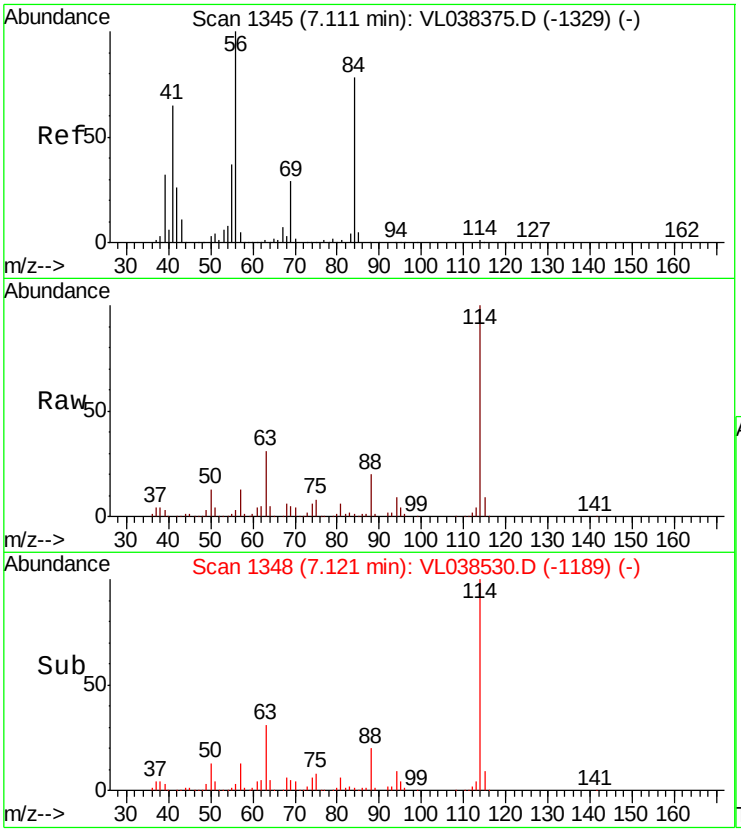




#20
Methylene Chloride
Concen: 0.053 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.01 min
Lab File: VL038530.D
Acq: 4 Mar 2022 1:41

Tgt Ion: 84 Resp: 1807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 117.8 | 122.4 | 183.6# |
| 51 | 31.4 | 33.3 | 49.9# |
| 86 | 71.6 | 50.7 | 76.1 |



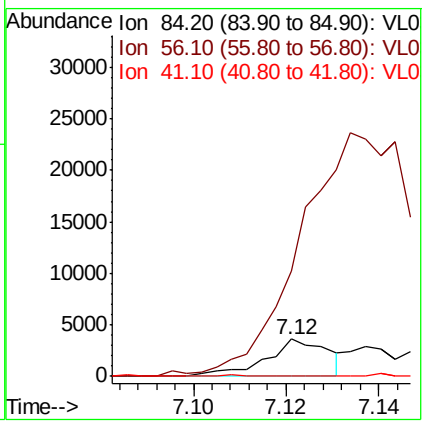


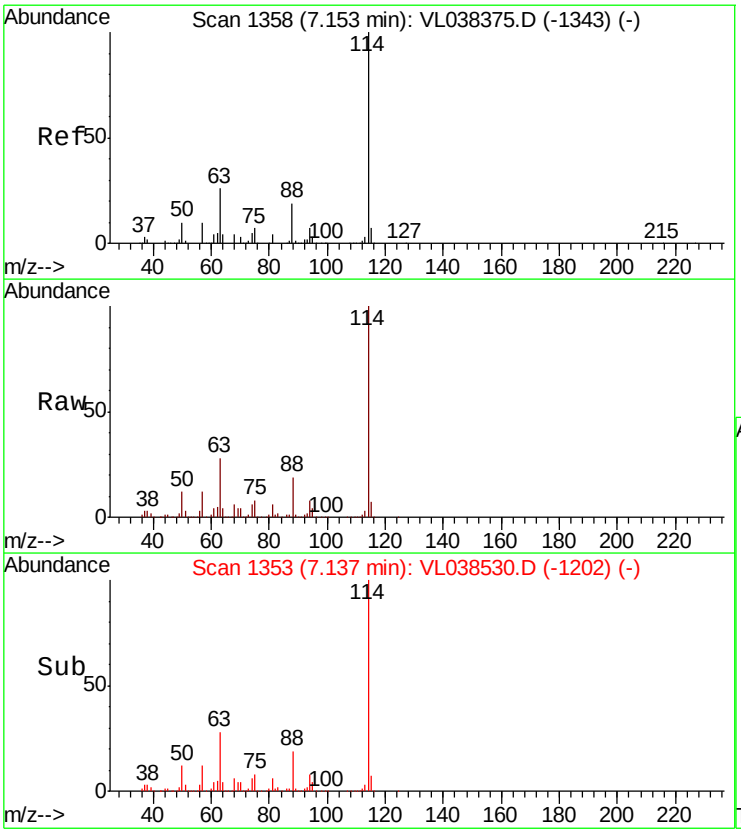

#30
Cyclohexane
Concen: 0.050 ppbv
RT: 7.12
Delta R.T
Lab File:
Acq: 4 Mar 2022 1:41

**Instrument :**
MSVOA_L
**ClientSampleId :**
CAN 10606

Tgt Ion: 84 Resp: 3402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 0.0 | 116.2 | 174.4# |
| 41 | 1.0 | 74.3 | 111.5# |

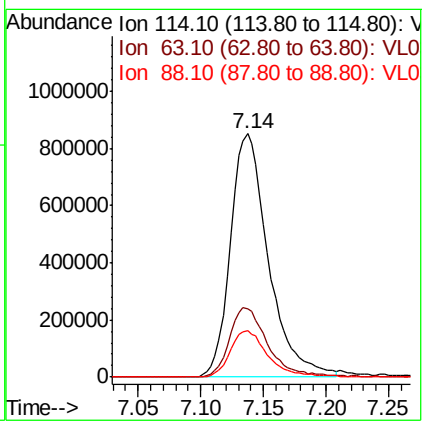


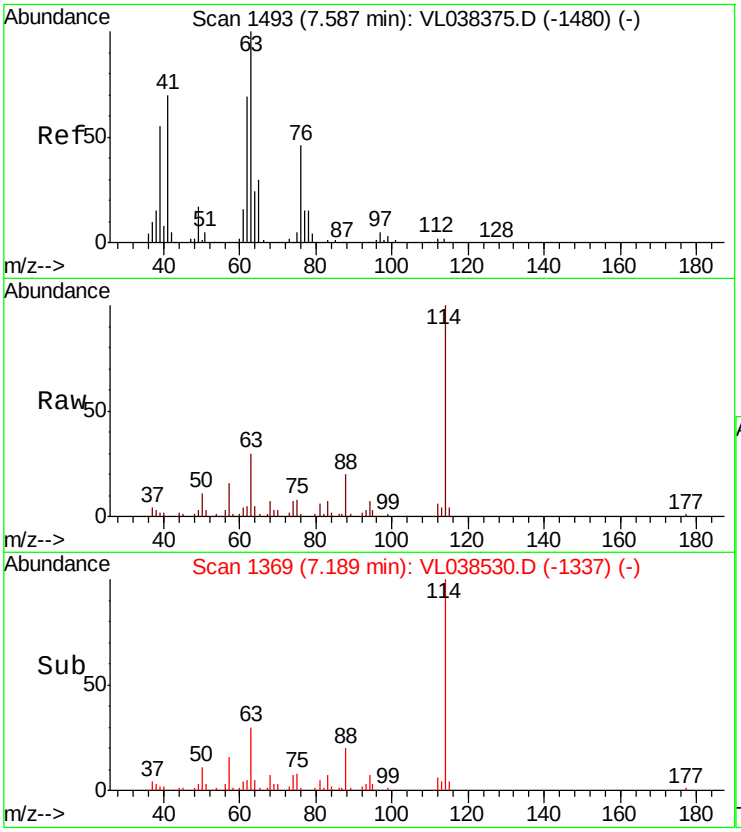




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.02 min
Lab File: VL038530.D
Acq: 4 Mar 2022 1:41

Tgt Ion:114 Resp: 1795941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 29.2 | 22.2 | 33.2 |
| 88 | 19.4 | 15.2 | 22.8 |



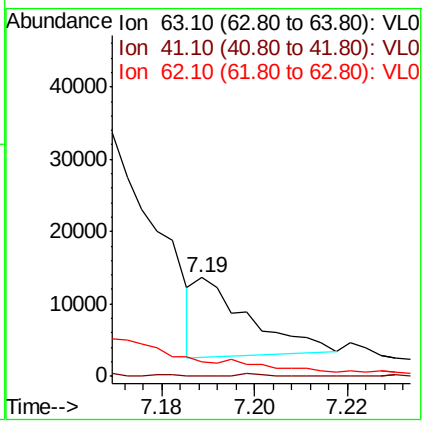


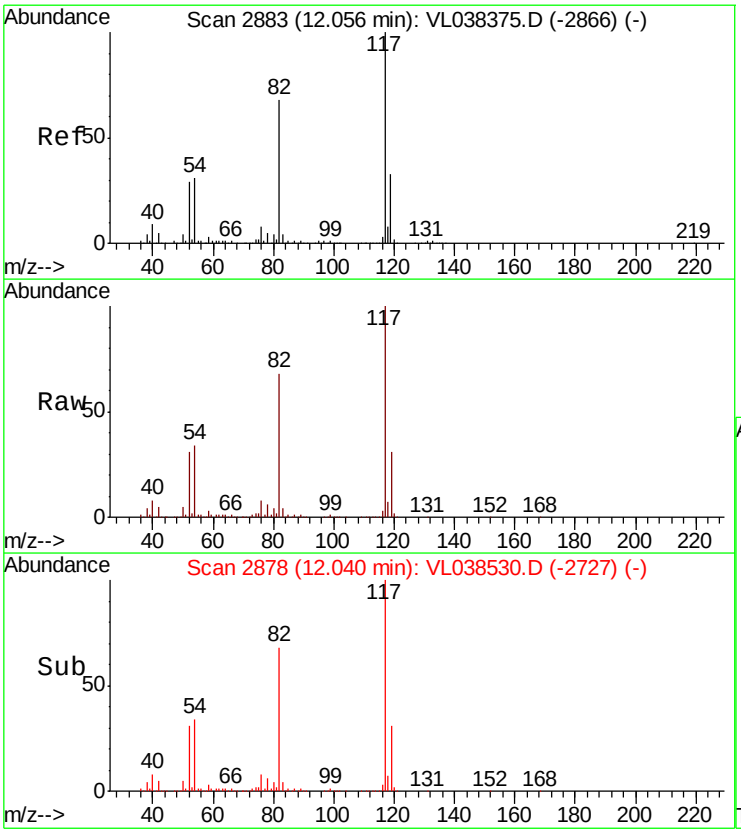

#39
1,2-Dichloropropane
Concen: 0.137 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 4 Mar 2022 1:41

**Instrument :**
MSVOA_L
**ClientSampleId :**
CAN 10606

Tgt Ion: 63 Resp: 8612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 2.2 | 56.1 | 84.1# |
| 62 | 14.5 | 55.5 | 83.3# |

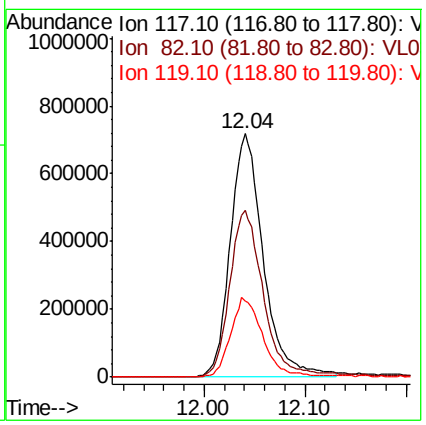


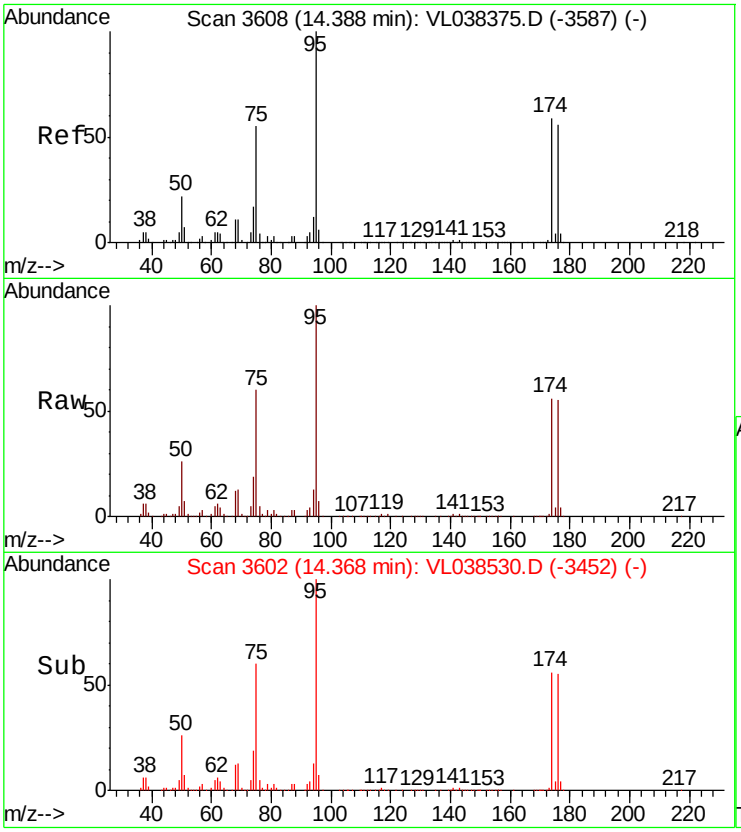




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.04 min Scan# 2878
Delta R.T. -0.02 min
Lab File: VL038530.D
Acq: 4 Mar 2022 1:41

Tgt Ion:117 Resp: 1635016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 71.3 | 54.9 | 82.3 |
| 119 | 32.8 | 46.1 | 69.1# |






#68
1-Bromo-4-Fluorobenzene
Concen: 9.684 ppbv
RT: 14.37
Delta R.T
Lab File:
Acq: 4 Mar 2022 1.41

**Instrument :**
MSVOA_L
**ClientSampleId :**
CAN 10606

Tgt Ion: 95 Resp: 1310085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 59.6 | 49.0 | 73.4 |
| 175 | 4.3 | 3.6 | 5.4 |