Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030122\
Data File : VL038460.D
Acq On : 1 Mar 2022 21:06
Operator : SY/AP
Sample : CAN 10413
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
CAN 10413

Quant Time: Mar 02 03:07:33 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 | 5.67 | 49 | 858242 | 10.00 | ppbv | 0.03 |
| 33) 1,4-Difluorobenzene | 7.18 | 114 | 1954325 | 10.00 | ppbv | 0.03 |
| 55) Chlorobenzene-d5 | 12.09 | 117 | 1679136 | 10.00 | ppbv | 0.03 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.41 | 95 | 1321071 | 9.51 | ppbv | 0.03 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 95.10% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Ethanol | 3.63 | 45 | 818 | 0.16 | ppbv | # 53 |
| 15) Acetone | 3.88 | 43 | 7024 | 0.10 | ppbv | # 48 |
| 20) Methylene Chloride | 4.35 | 84 | 12066 | 0.33 | ppbv | # 86 |
| 26) Hexane | 5.70 | 57 | 4451 | 0.05 | ppbv | # 41 |
| 39) 1,2-Dichloropropane | 7.17 | 63 | 541775 | 7.91 | ppbv | # 25 |

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

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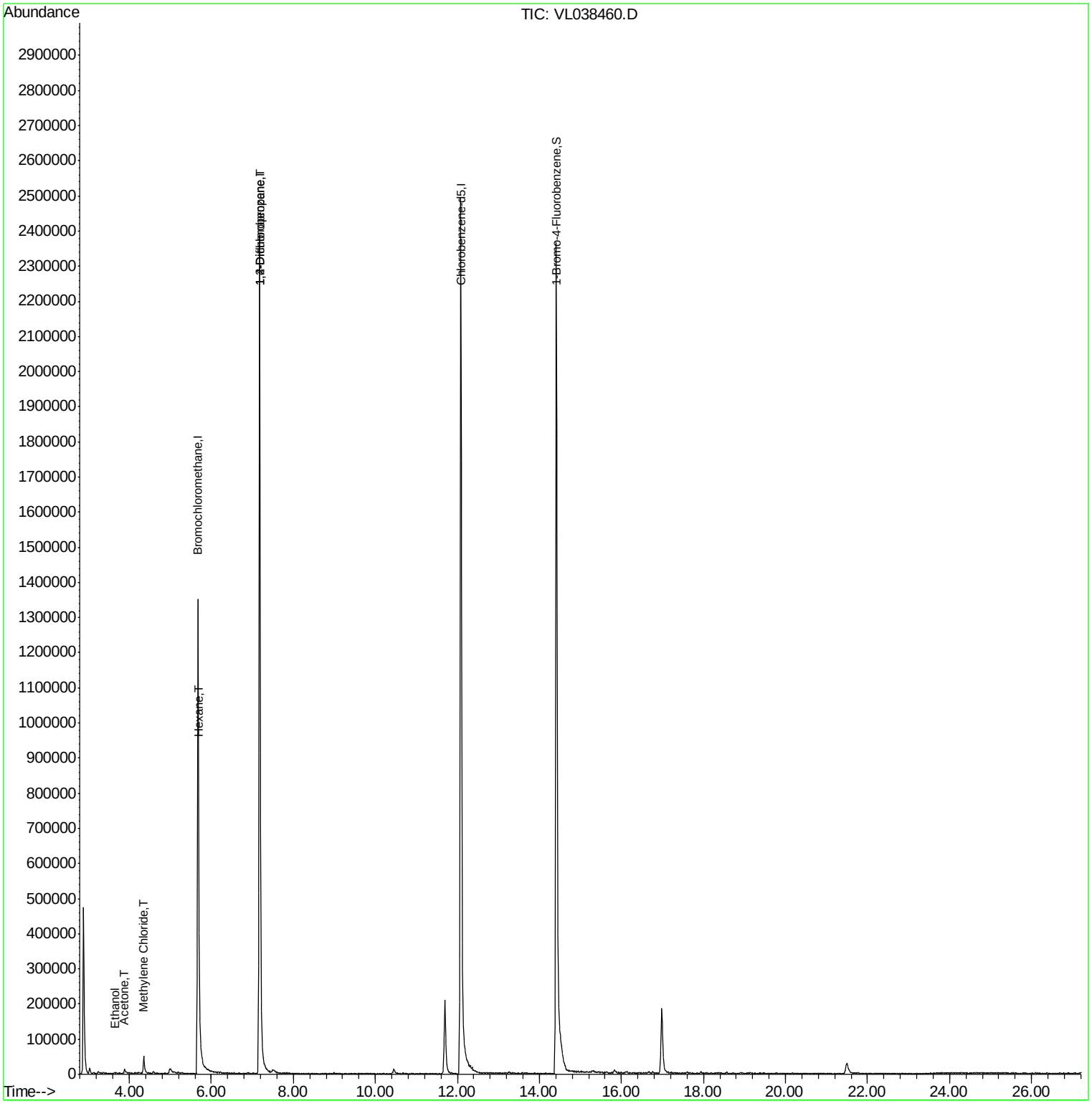
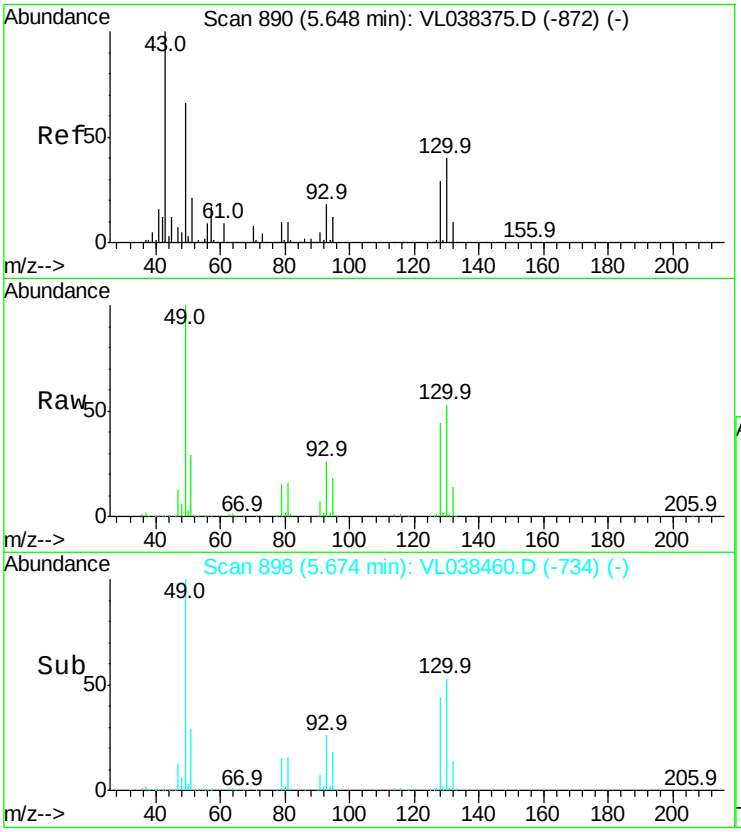


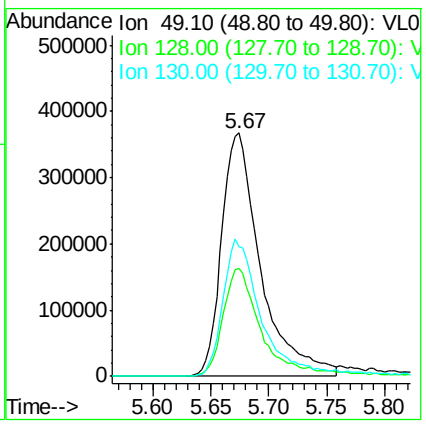


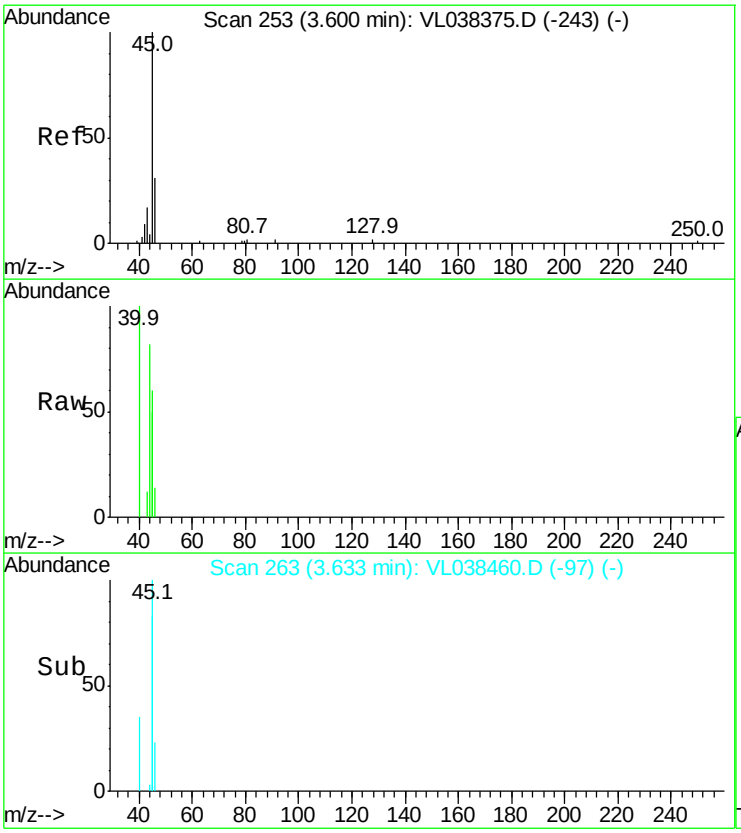

#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 1 Mar 2022 21:06

**Instrument :**
MSVOA_L
**ClientSampleId :**
CAN 10413

Tgt Ion: 49 Resp: 858242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 44.6 | 24.3 | 72.9 |
| 130 | 57.1 | 30.1 | 90.5 |

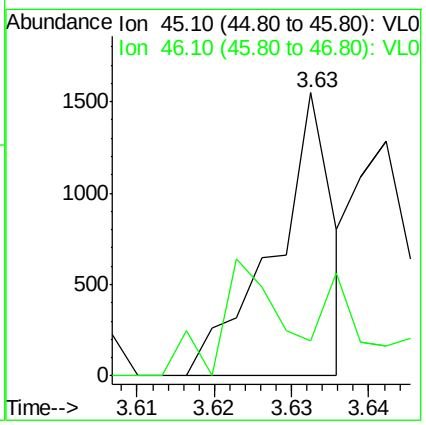


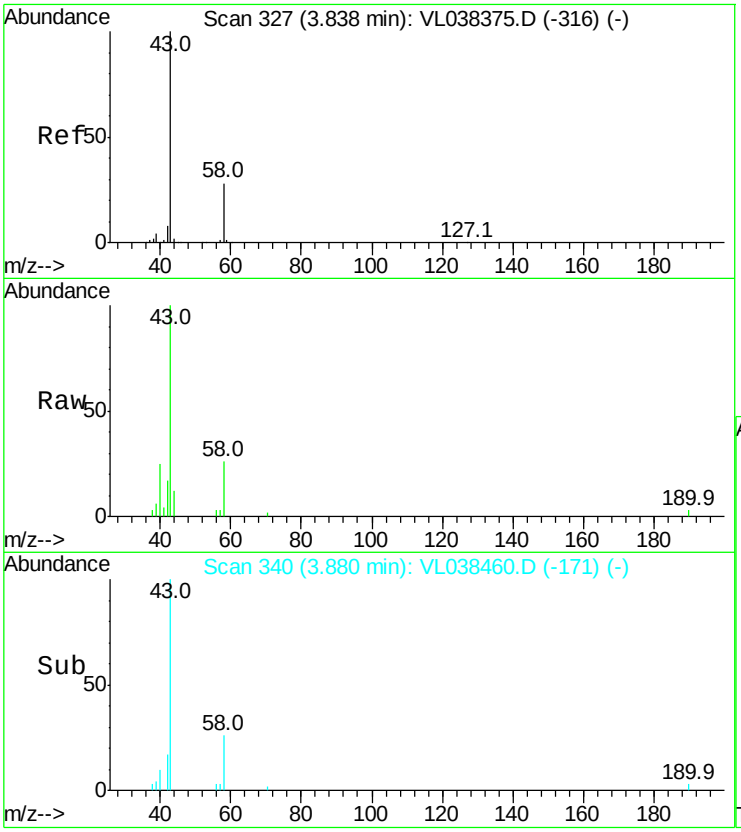




#13
Ethanol
Concen: 0.16 ppbv
RT: 3.63 min Scan# 263
Delta R.T. 0.03 min
Lab File: VL038460.D
Acq: 1 Mar 2022 21:06

Tgt Ion: 45 Resp: 818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 76.3 | 18.2 | 72.8# |



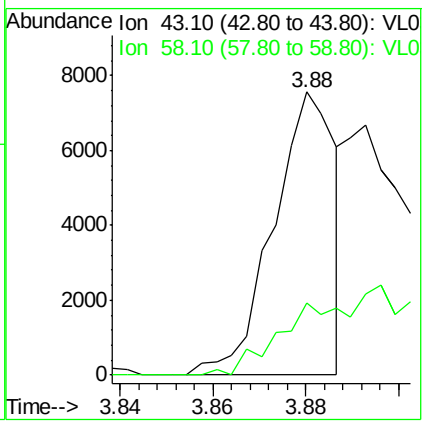


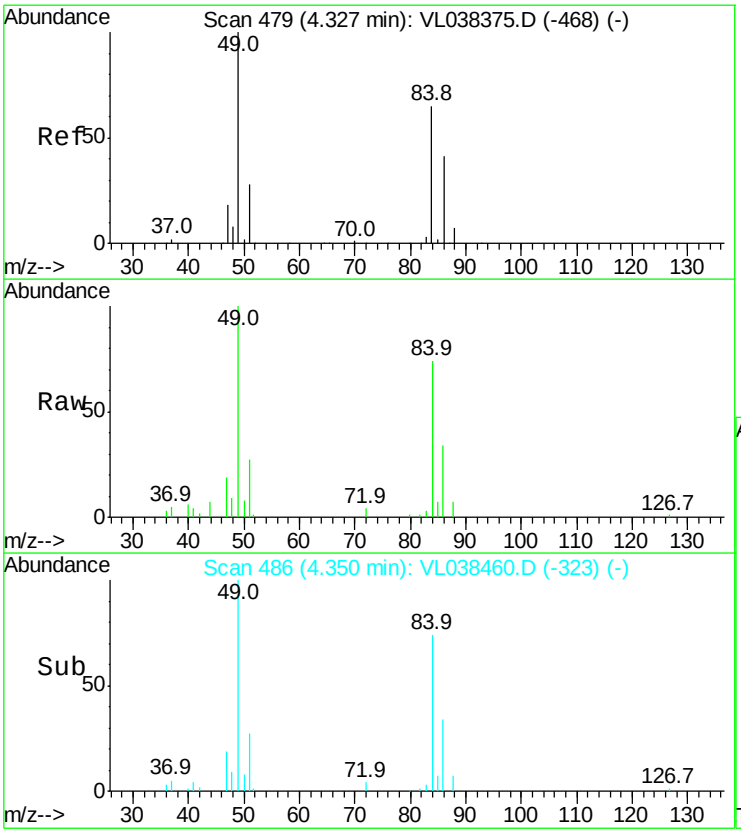

#15
Acetone
Concen: 0.10 ppbv
RT: 3.88
Delta R.T
Lab File:
Acq: 1 Mar 2022 21:06

**Instrument :**
MSVOA_L
**ClientSampleId :**
CAN 10413

Tgt Ion: 43 Resp: 7024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 21.7 | 32.5# |

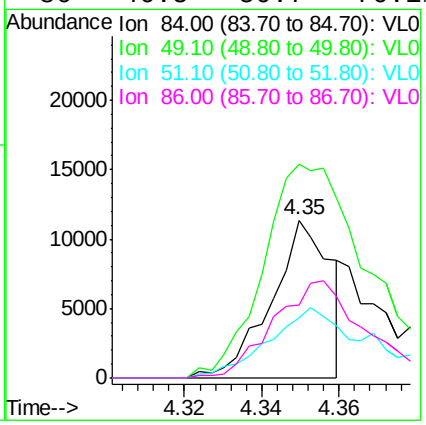


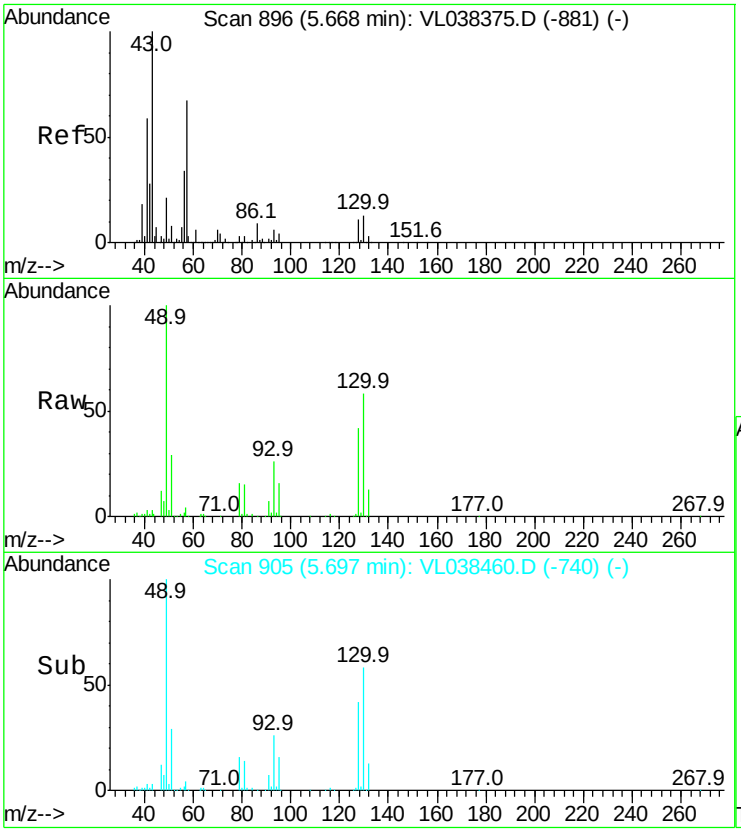




#20
Methylene Chloride
Concen: 0.33 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.02 min
Lab File: VL038460.D
Acq: 1 Mar 2022 21:06

Tgt Ion: 84 Resp: 12066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 135.6 | 122.4 | 183.6 |
| 51 | 38.2 | 33.3 | 49.9 |
| 86 | 46.5 | 50.7 | 76.1# |



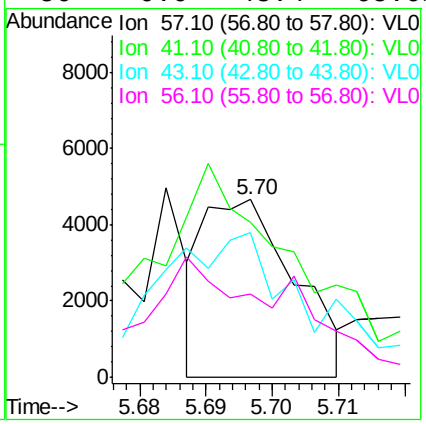


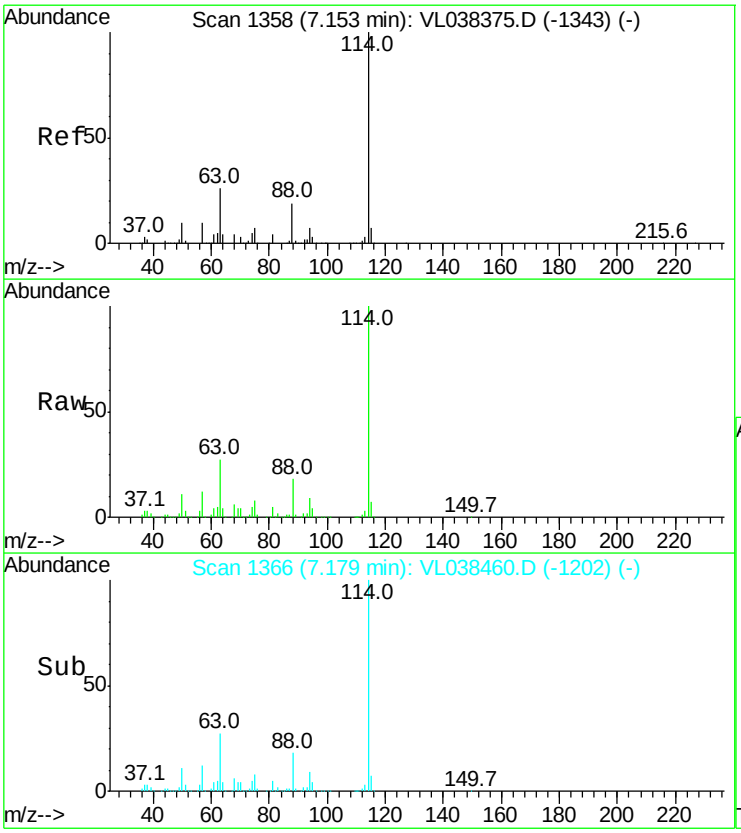

#26
Hexane
Concen: 0.05 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 1 Mar 2022 21:06

**Instrument :**
MSVOA_L
**ClientSampleId :**
CAN 10413

Tgt Ion: 57 Resp: 4451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 0.0 | 73.1 | 109.7# |
| 43 | 160.3 | 181.0 | 271.4# |
| 56 | 0.0 | 43.4 | 65.0# |

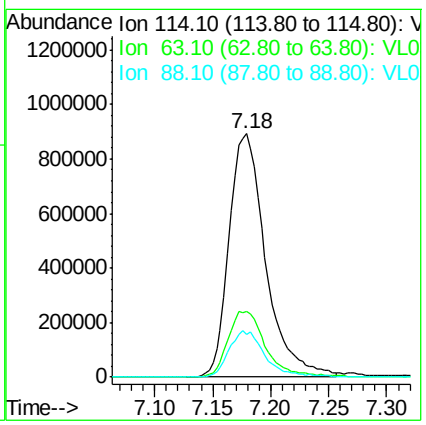


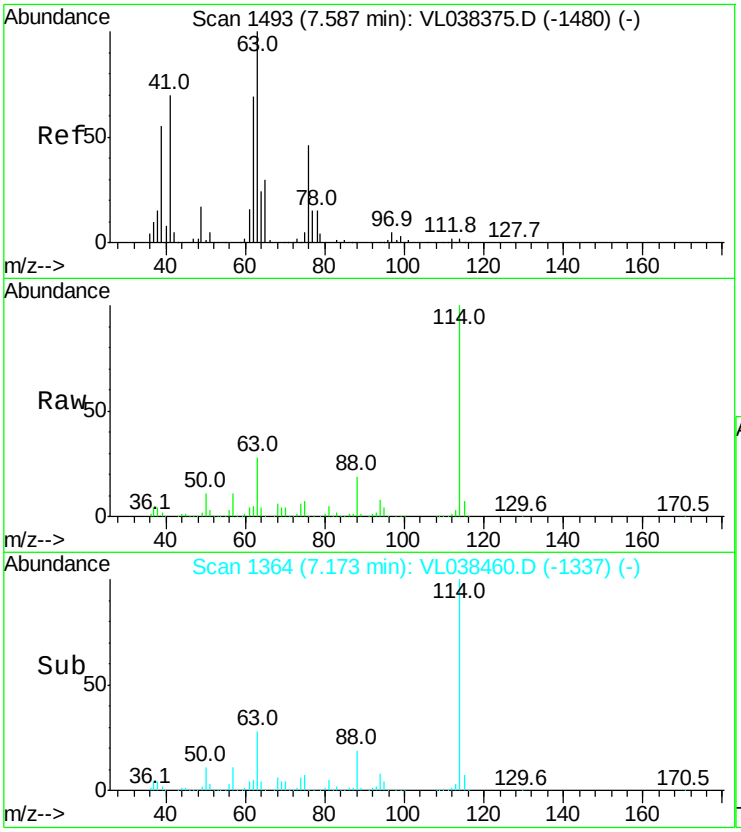




#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.03 min
Lab File: VL038460.D
Acq: 1 Mar 2022 21:06

Tgt Ion:114 Resp: 1954325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 28.3 | 22.2 | 33.2 |
| 88 | 18.9 | 15.2 | 22.8 |



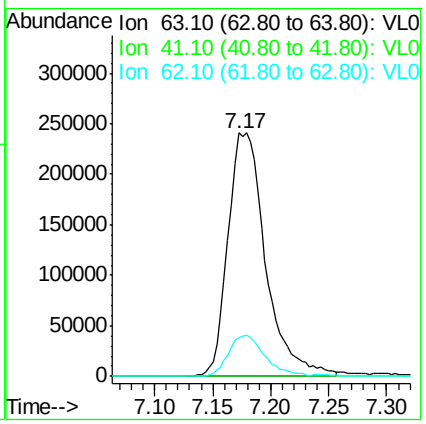


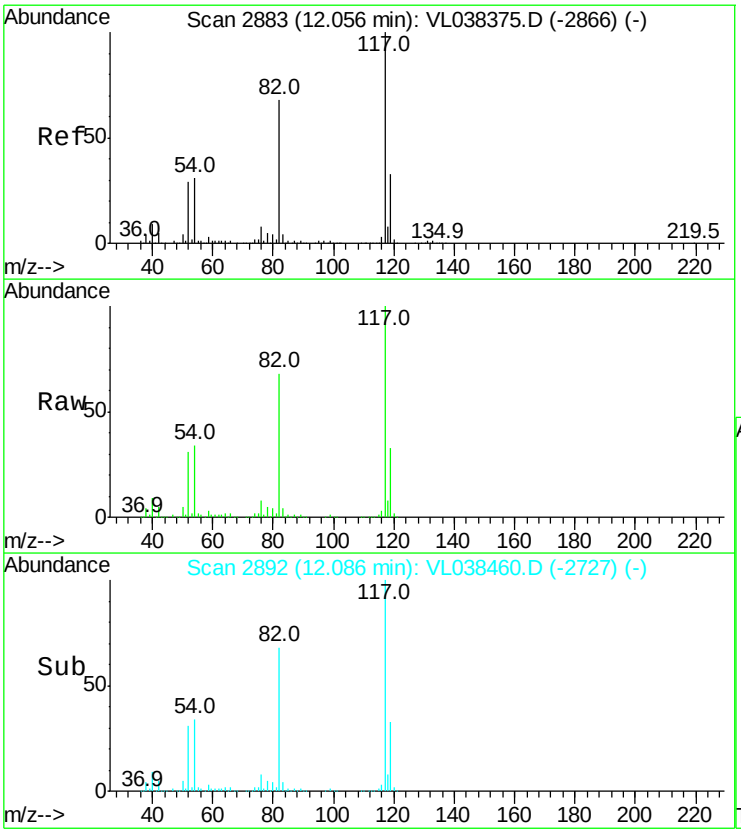

#39
1,2-Dichloropropane
Concen: 7.91 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 1 Mar 2022 21:06

**Instrument :**
MSVOA_L
**ClientSampleId :**
CAN 10413

Tgt Ion: 63 Resp: 541775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 0.0 | 56.1 | 84.1# |
| 62 | 16.0 | 55.5 | 83.3# |

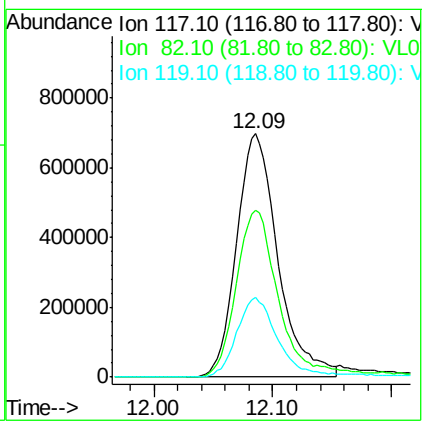


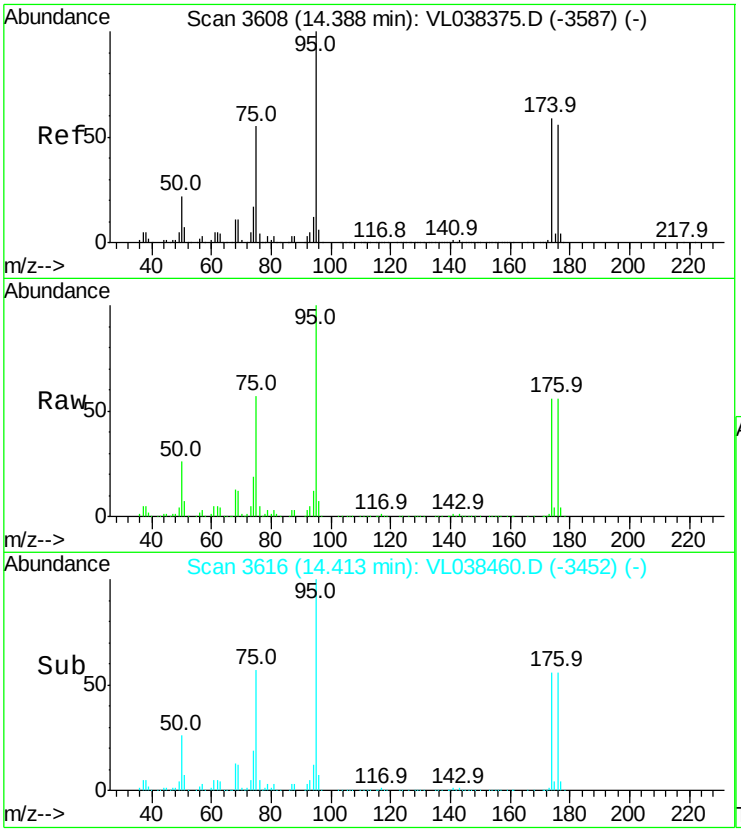




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. 0.03 min
Lab File: VL038460.D
Acq: 1 Mar 2022 21:06

Tgt Ion:117 Resp: 1679136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 74.9 | 54.9 | 82.3 |
| 119 | 33.7 | 46.1 | 69.1# |






#68
1-Bromo-4-Fluorobenzene
Concen: 9.51 ppbv
RT: 14.41
Delta R.T
Lab File:
Acq: 1 Mar 2022 21:08

**Instrument :**
MSVOA_L
**ClientSampleId :**
CAN 10413

Tgt Ion: 95 Resp: 1321071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 61.0 | 49.0 | 73.4 |
| 175 | 4.2 | 3.6 | 5.4 |