Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081722\
Data File : VL039544.D
Acq On : 17 Aug 2022 10:05
Operator : SY/AP
Sample : VL0629ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** VL0817ABL01

Quant Time: Aug 18 05:34:43 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 12:06:24 2022
QLast Update : Wed Aug 17 12:06:24 2022
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.20 | 49 | 1029670 | 10.00 | ppbv | 0.00 |
| 33) 1,4-Difluorobenzene | 6.66 | 114 | 2773584 | 10.00 | ppbv | 0.00 |
| 55) Chlorobenzene-d5 | 11.47 | 117 | 2430329 | 10.00 | ppbv | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 13.78 | 95 | 1822206 | 9.96 | ppbv | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 99.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 9) Propene | 2.72 | 41 | 4687 | 0.083 | ppbv # | 66 |
| 20) Methylene Chloride | 3.94 | 84 | 1722 | 0.036 | ppbv # | 75 |
| 39) 1,2-Dichloropropane | 6.72 | 63 | 9251 | 0.117 | ppbv # | 17 |

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

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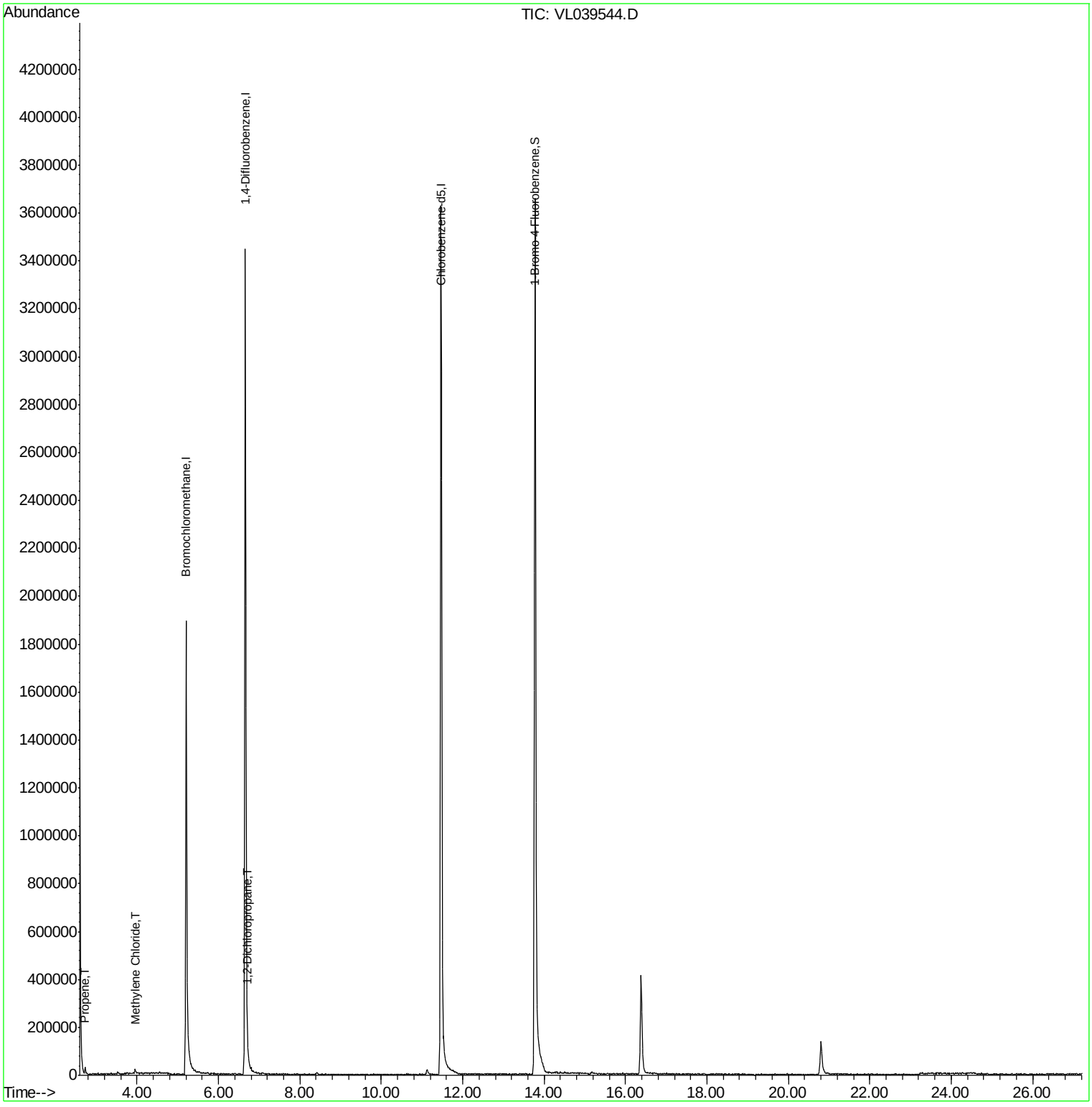
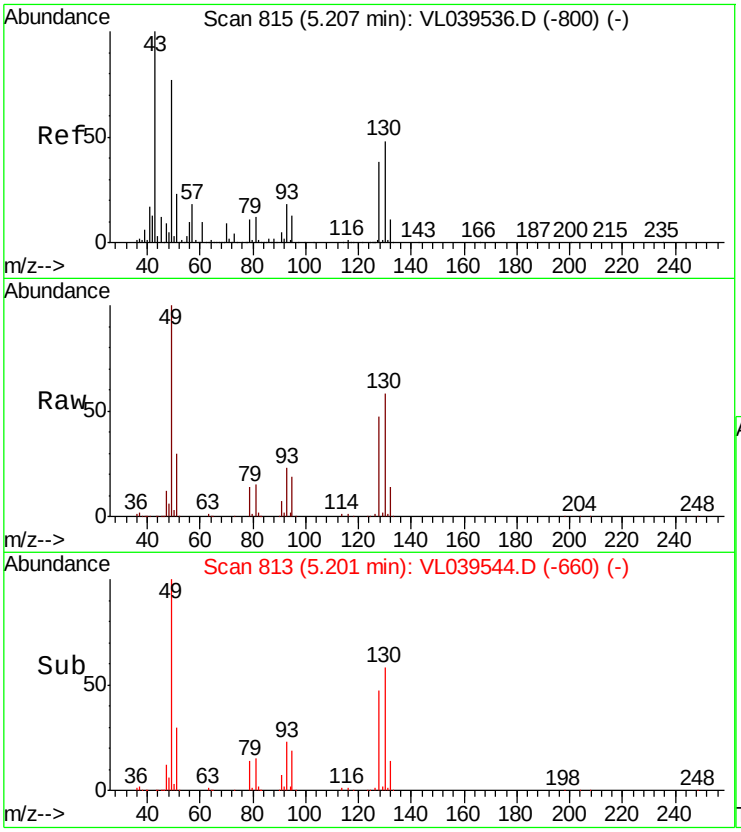


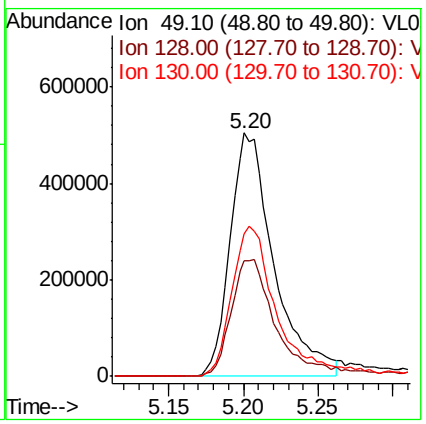


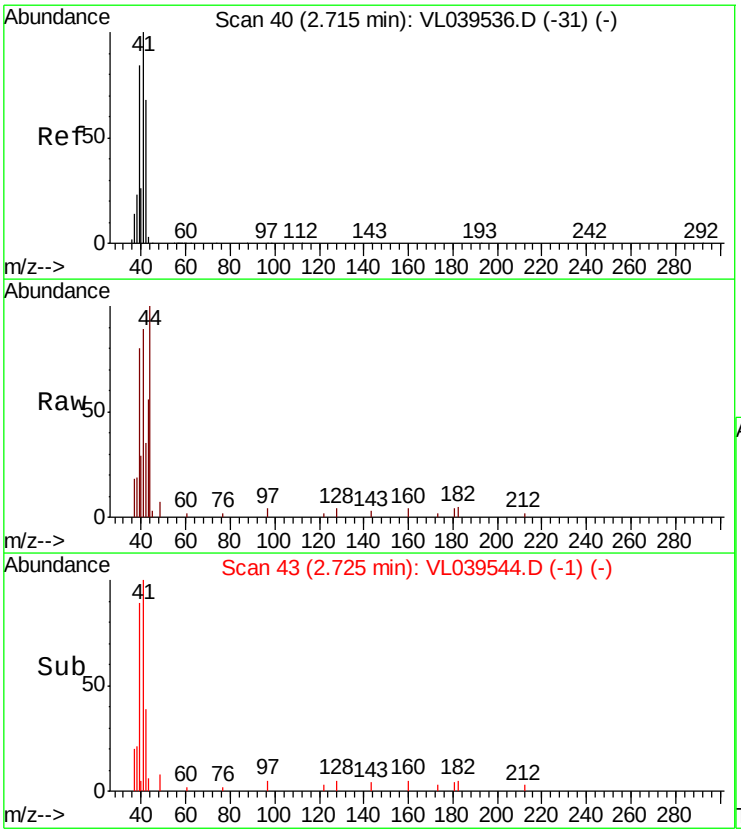

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.20
Delta R.T
Lab File:
Acq: 17 Aug 2022 10:05

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0817ABL01

Tgt Ion: 49 Resp: 1029670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 52.8 | 25.7 | 77.0 |
| 130 | 66.0 | 31.6 | 95.0 |

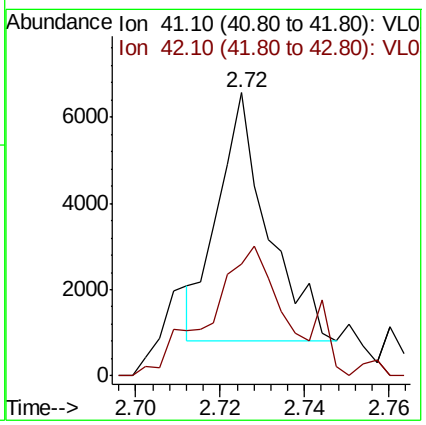


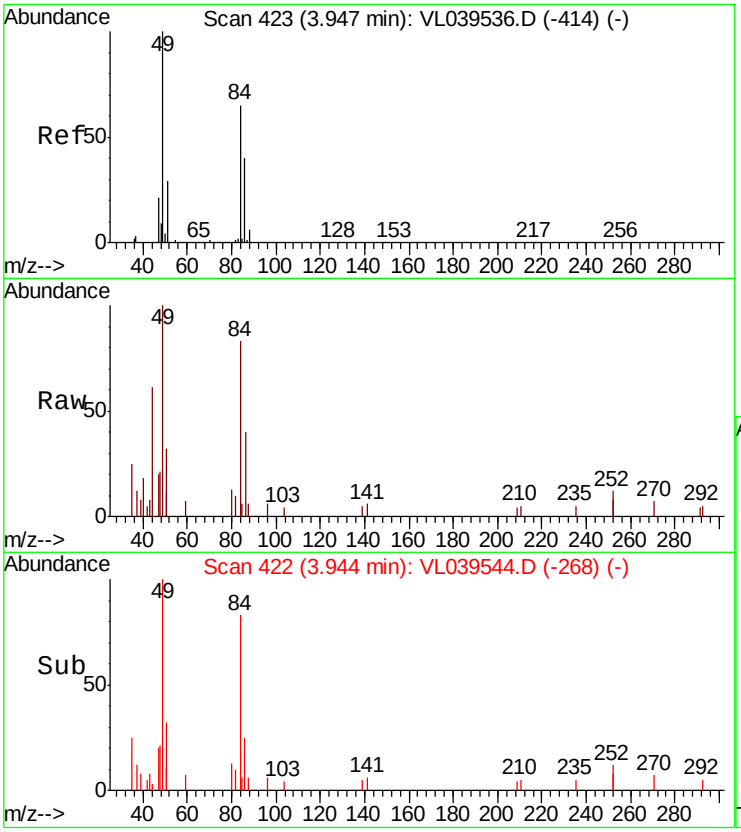




#9
Propene
Concen: 0.083 ppbv
RT: 2.72 min Scan# 43
Delta R.T. 0.01 min
Lab File: VL039544.D
Acq: 17 Aug 2022 10:05

Tgt Ion: 41 Resp: 4687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 96.6 | 55.4 | 83.0# |



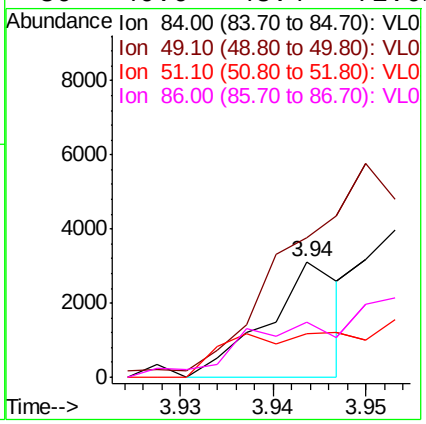


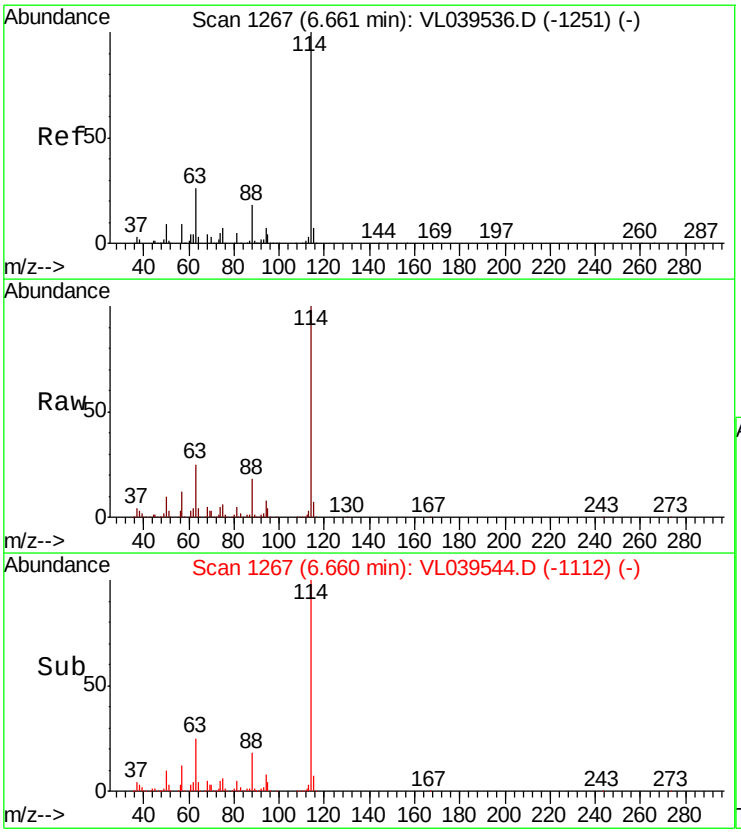

#20
Methylene Chloride
Concen: 0.036 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 17 Aug 2022 10:05

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0817ABL01

Tgt Ion: 84 Resp: 1722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 115.4 | 122.2 | 183.4# |
| 51 | 38.2 | 35.8 | 53.6 |
| 86 | 40.6 | 48.4 | 72.6# |

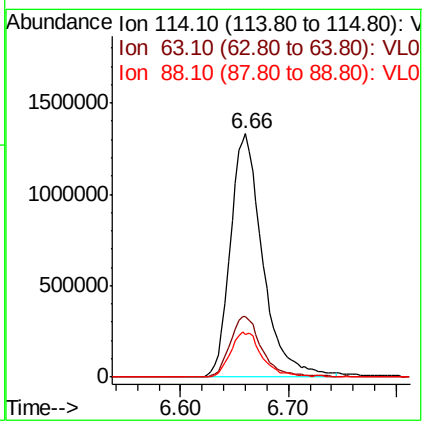


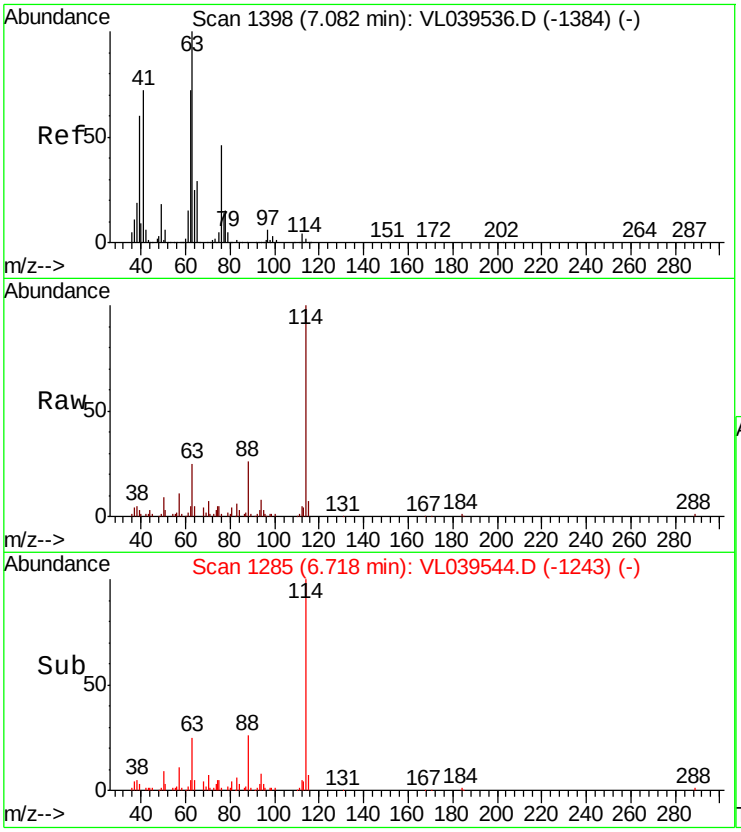




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.66 min Scan# 1267
Delta R.T. -0.00 min
Lab File: VL039544.D
Acq: 17 Aug 2022 10:05

Tgt Ion:114 Resp: 2773584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 25.1 | 20.6 | 31.0 |
| 88 | 18.7 | 14.6 | 22.0 |



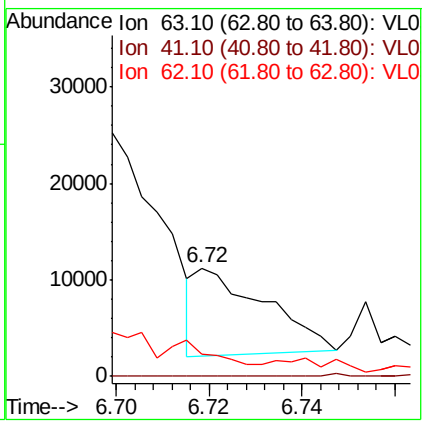


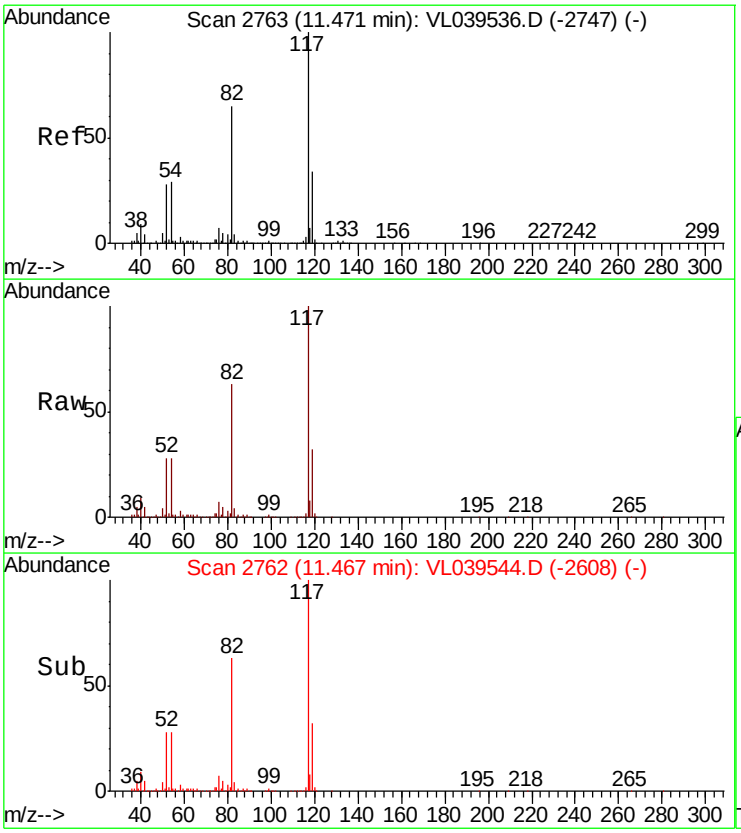

#39
1,2-Dichloropropane
Concen: 0.117 ppbv
RT: 6.72
Delta R.T
Lab File:
Acq: 17 Aug 2022 10:05

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0817ABL01

Tgt Ion: 63 Resp: 9251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 0.0 | 58.0 | 87.0# |
| 62 | 6.5 | 57.8 | 86.8# |

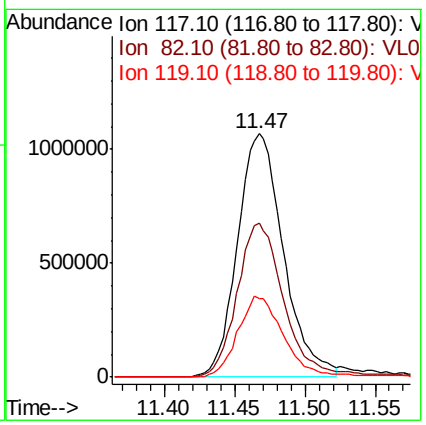


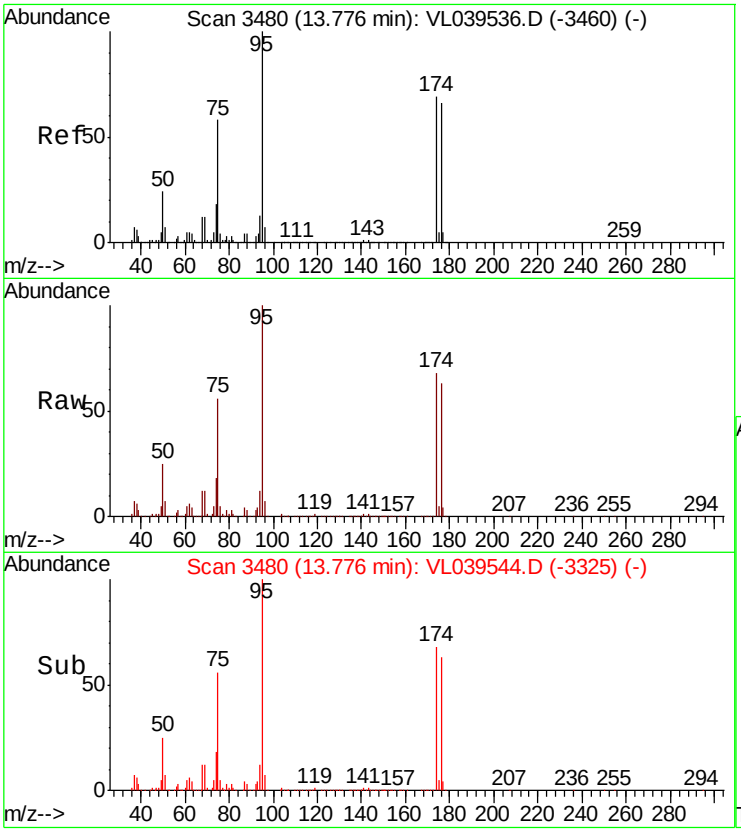




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.47 min Scan# 2762
Delta R.T. -0.00 min
Lab File: VL039544.D
Acq: 17 Aug 2022 10:05

Tgt Ion:117 Resp: 2430329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 66.1 | 49.1 | 73.7 |
| 119 | 34.4 | 25.9 | 38.9 |






#68
1-Bromo-4-Fluorobenzene
Concen: 9.960 ppbv
RT: 13.78
Delta R.T
Lab File:
Acq: 17 Aug 2022 10:05

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0817ABL01

Tgt Ion: 95 Resp: 1822206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 75.6 | 56.3 | 84.5 |
| 175 | 5.6 | 4.3 | 6.5 |