Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110520\
Data File : VL035883.D
Acq On : 6 Nov 2020 6:18
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** VIBLK

Quant Time: Nov 06 07:00:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.65 | 49 | 1009167 | 10.00 | ppbv | -0.02 |
| 33) 1,4-Difluorobenzene | 7.15 | 114 | 4177126 | 10.00 | ppbv | -0.03 |
| 55) Chlorobenzene-d5 | 12.06 | 117 | 3729190 | 10.00 | ppbv | -0.03 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.39 | 95 | 2626755 | 9.91 | ppbv | -0.03 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 99.10% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 9) Propene | 3.01 | 41 | 3265 | 0.074 | ppbv | 84 |
| 15) Acetone | 3.85 | 43 | 9985 | 0.093 | ppbv # | 40 |
| 20) Methylene Chloride | 4.33 | 84 | 34259 | 0.451 | ppbv | 96 |
| 25) Ethyl Acetate | 5.67 | 43 | 9675 | 0.046 | ppbv # | 72 |
| 26) Hexane | 5.66 | 57 | 7255 | 0.062 | ppbv # | 1 |
| 30) Cyclohexane | 7.13 | 84 | 6894 | 0.054 | ppbv # | 6 |
| 39) 1,2-Dichloropropane | 7.15 | 63 | 779531 | 7.456 | ppbv # | 30 |

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

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Acq On : 6 Nov 2020 6:18
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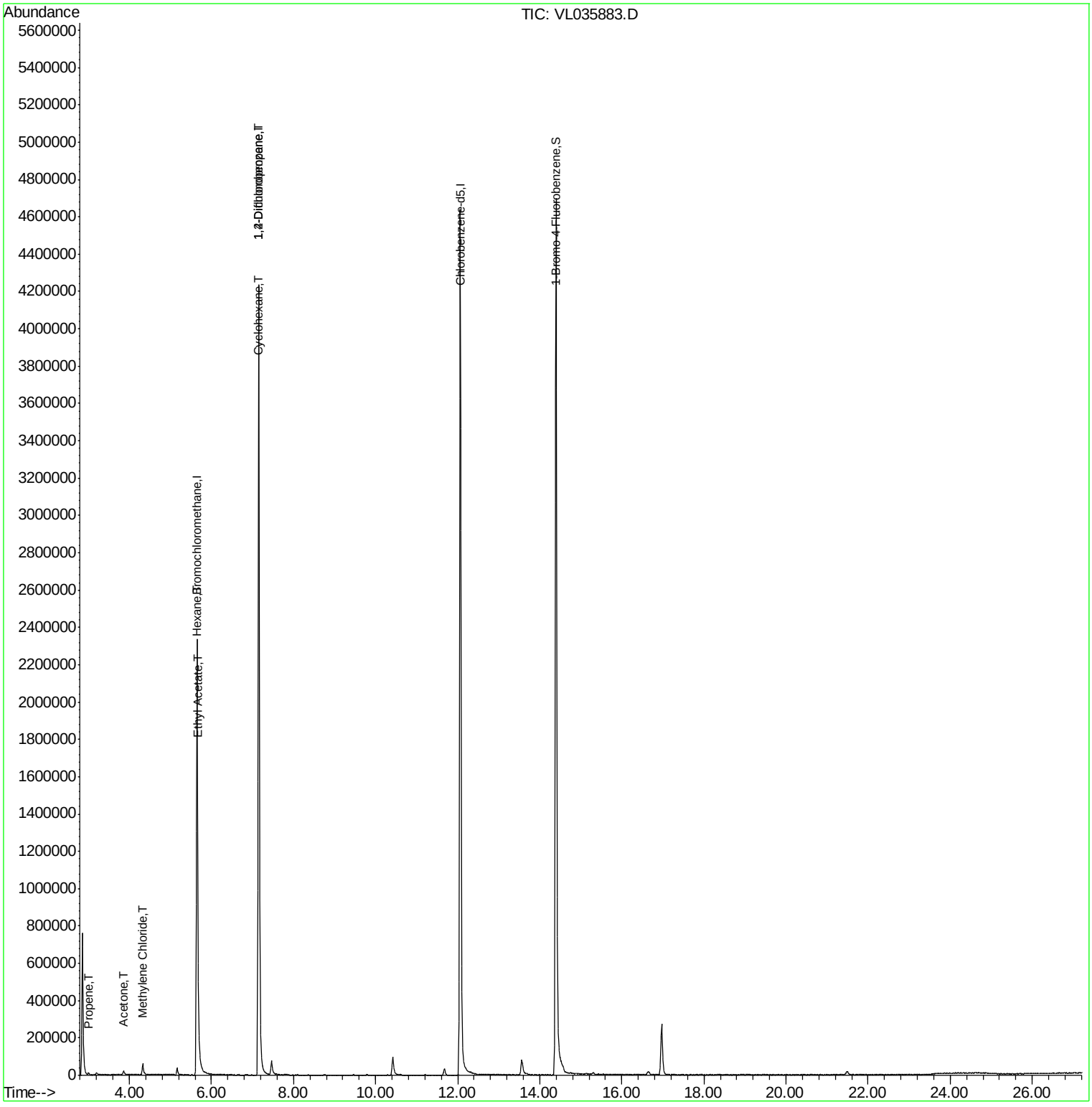
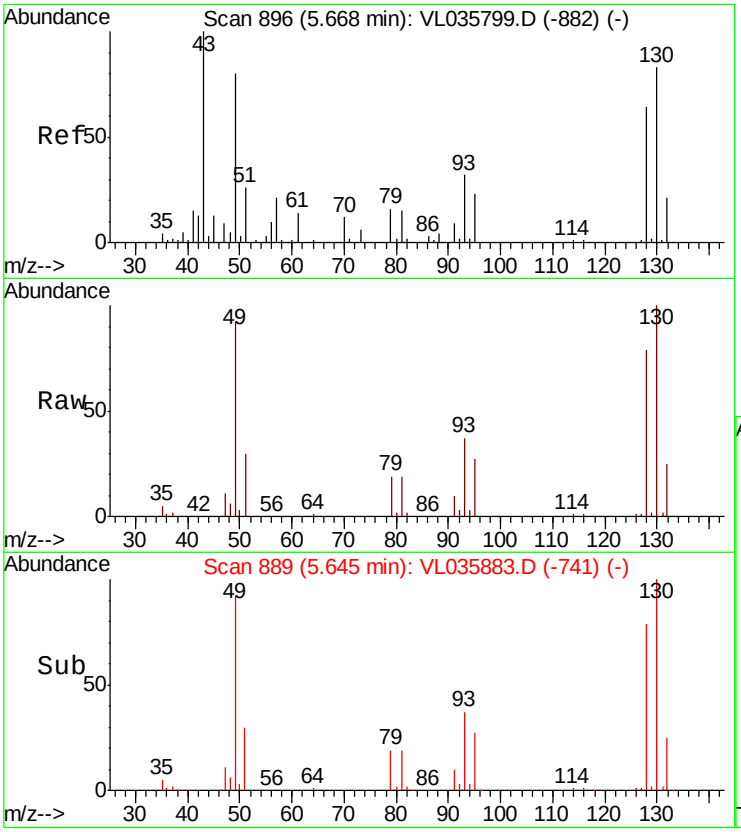
Quant Time: Nov 06 07:00:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration



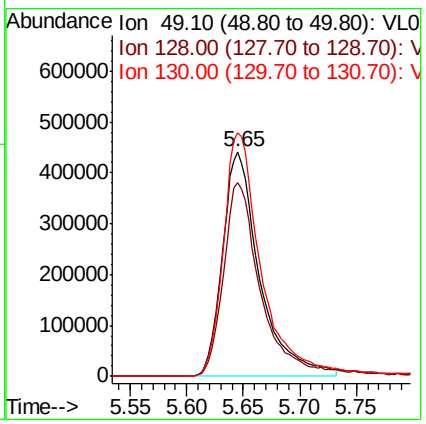


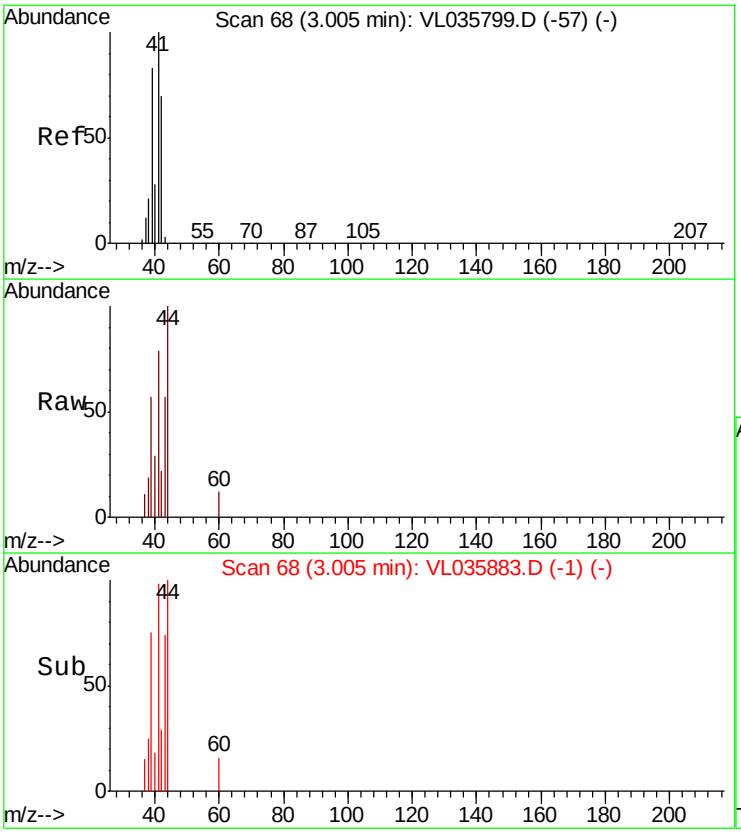

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 889
Delta R.T. -0.02 min
Lab File: VL035883.D
Acq: 6 Nov 2020 6:18

**Instrument :**
MSVOA_L
**ClientSampleId :**
VIBLK

Tgt Ion: 49 Resp: 1009167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 88.7 | 41.5 | 124.6 |
| 130 | 113.7 | 53.7 | 161.1 |

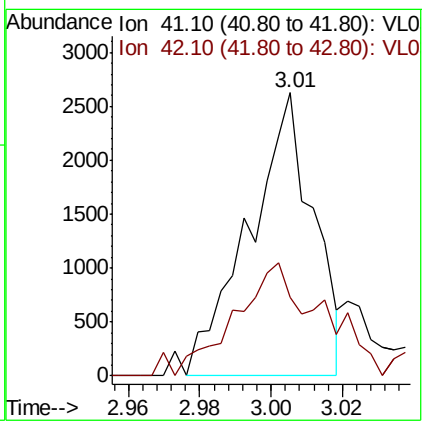


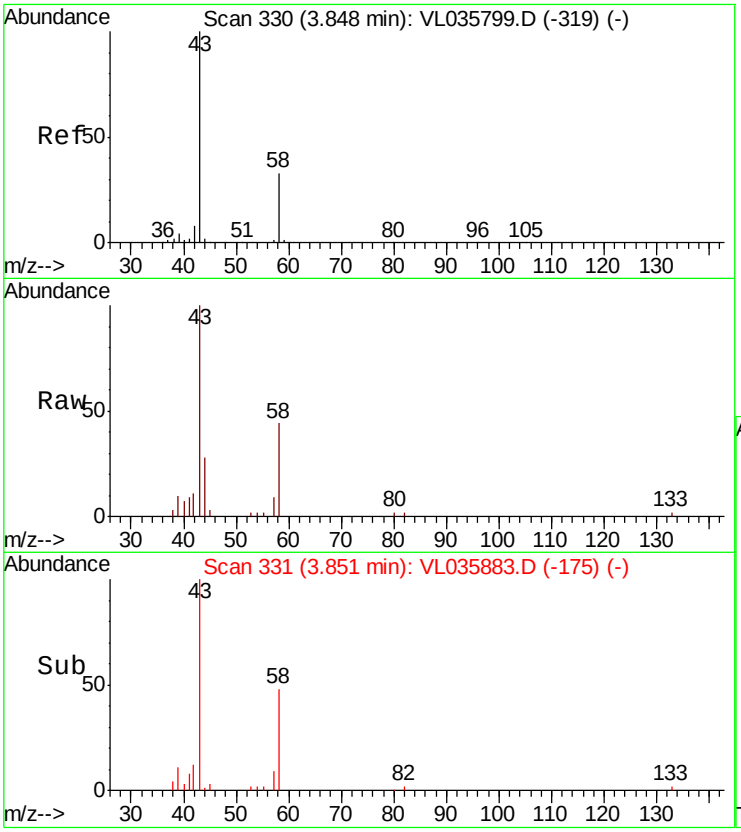




#9
Propene
Concen: 0.074 ppbv
RT: 3.01 min Scan# 68
Delta R.T. -0.00 min
Lab File: VL035883.D
Acq: 6 Nov 2020 6:18

Tgt Ion: 41 Resp: 3265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 56.8 | 56.2 | 84.4 |



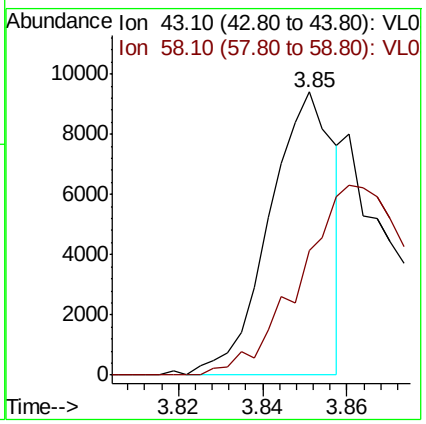


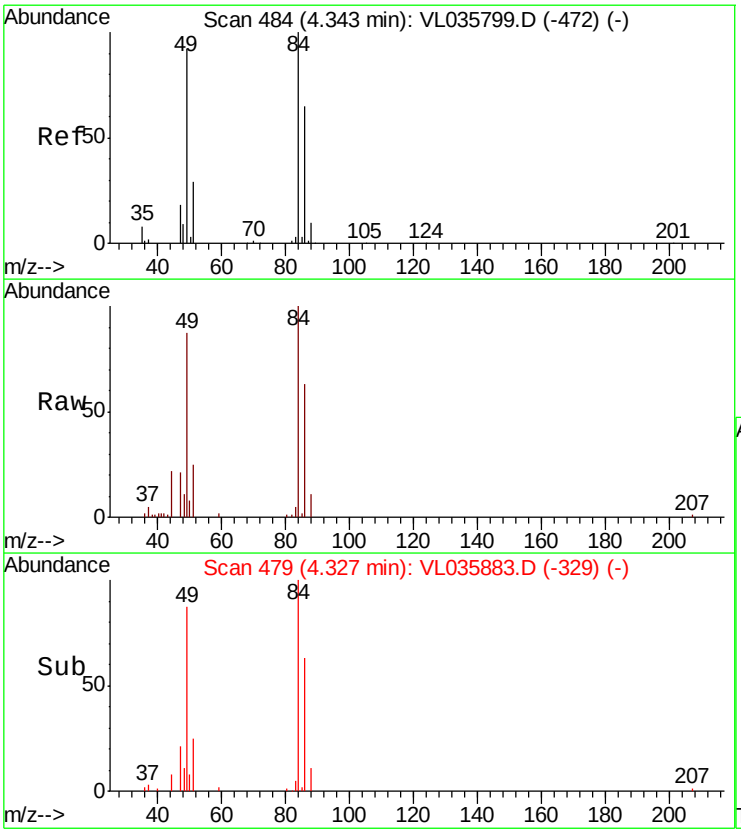

#15
Acetone
Concen: 0.093 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.00 min
Lab File: VL035883.D
Acq: 6 Nov 2020 6:18

**Instrument :** MSVOA_L
**ClientSampleId :** VIBLK

Tgt Ion: 43 Resp: 9985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 27.5 | 41.3# |

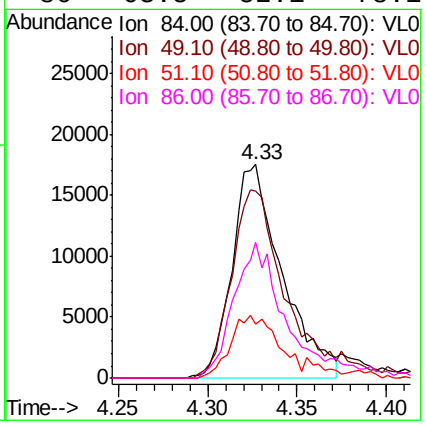


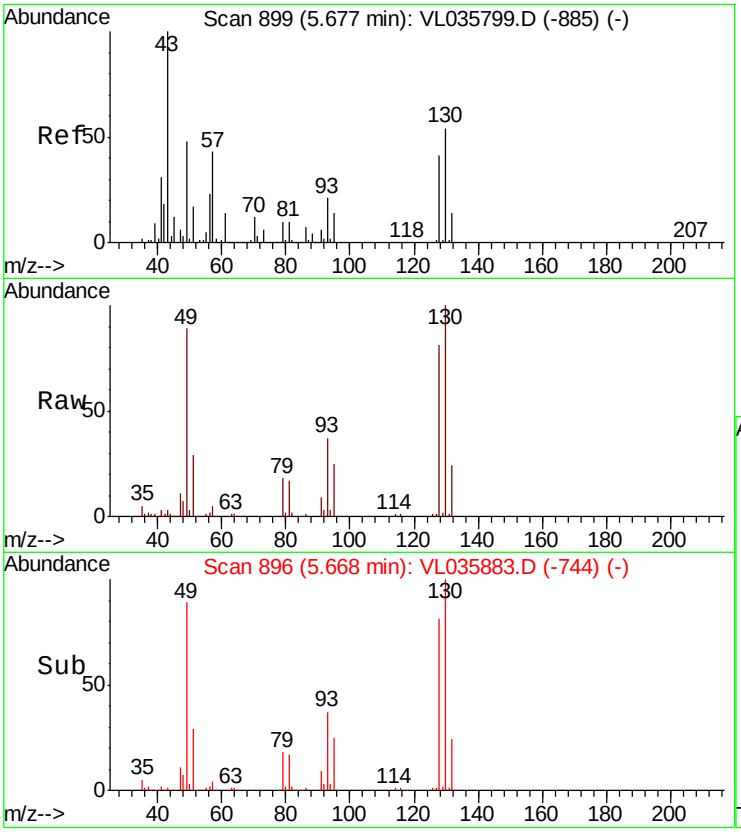




#20
Methylene Chloride
Concen: 0.451 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.02 min
Lab File: VL035883.D
Acq: 6 Nov 2020 6:18

Tgt Ion: 84 Resp: 34259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 87.2 | 73.8 | 110.8 |
| 51 | 25.1 | 23.0 | 34.4 |
| 86 | 63.5 | 52.1 | 78.1 |



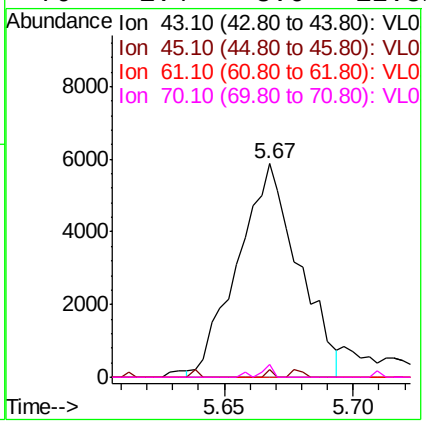


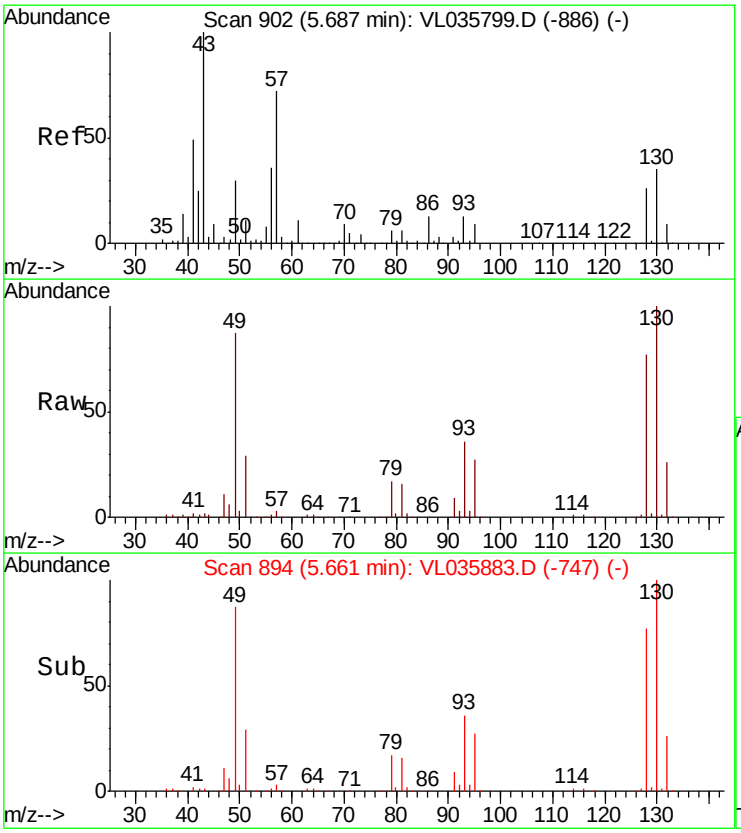

#25
Ethyl Acetate
Concen: 0.046 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL035883.D
Acq: 6 Nov 2020 6:18

**Instrument :** MSVOA_L
**ClientSampleId :** VIBLK

Tgt Ion: 43 Resp: 9675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 1.1 | 8.5 | 12.7# |
| 61 | 0.0 | 10.7 | 16.1# |
| 70 | 1.4 | 8.6 | 12.8# |

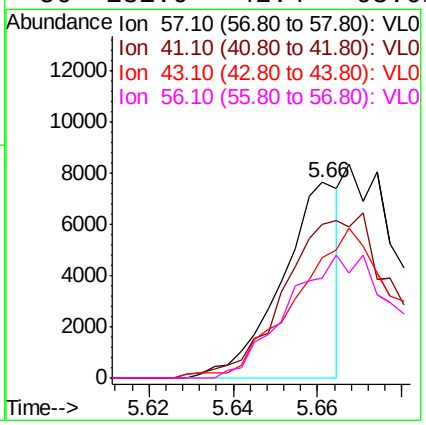


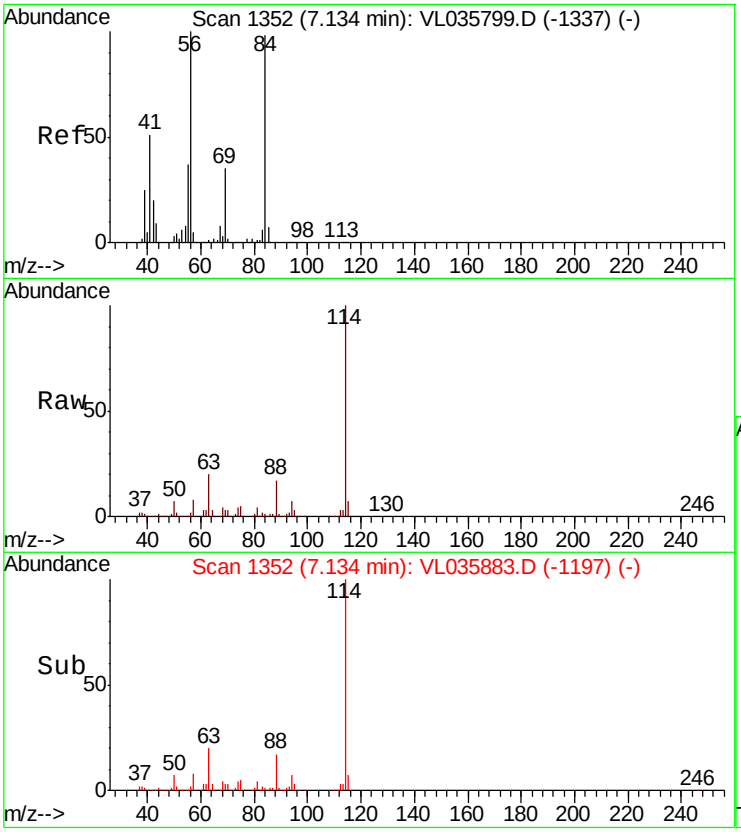




#26
Hexane
Concen: 0.062 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.03 min
Lab File: VL035883.D
Acq: 6 Nov 2020 6:18

Tgt Ion: 57 Resp: 7255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 0.0 | 58.9 | 88.3# |
| 43 | 0.0 | 150.2 | 225.2# |
| 56 | 131.0 | 42.4 | 63.6# |



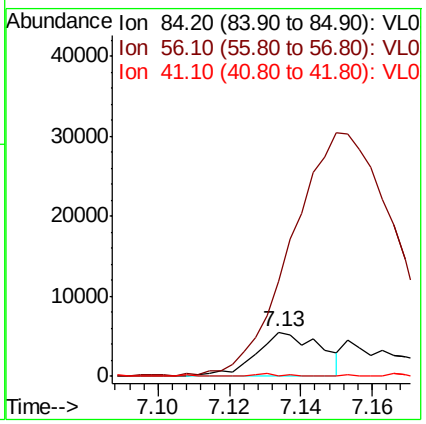


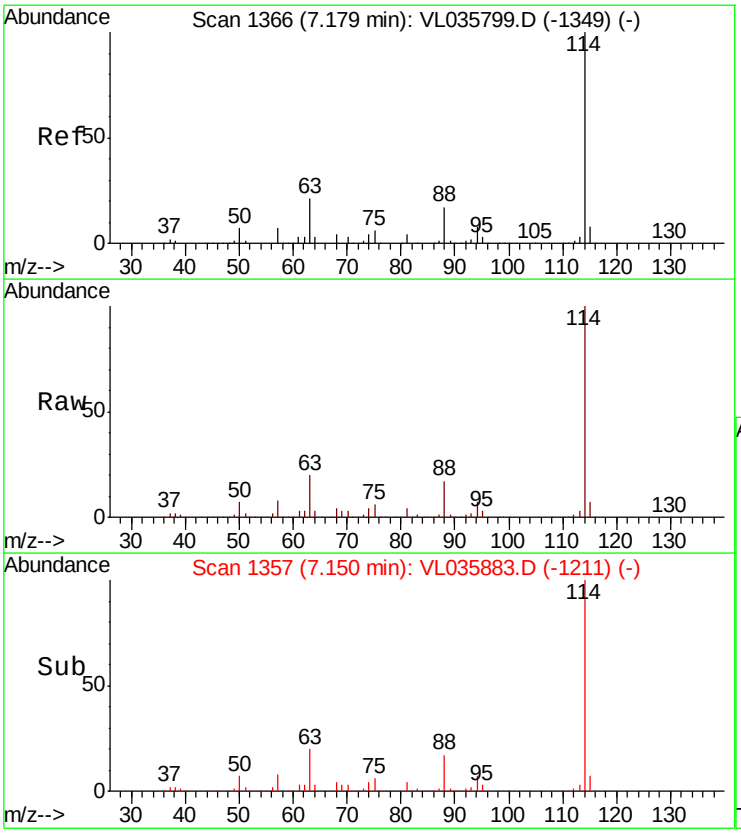

#30
Cyclohexane
Concen: 0.054 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. -0.00 min
Lab File: VL035883.D
Acq: 6 Nov 2020 6:18

**Instrument :** MSVOA_L
**ClientSampleId :** VIBLK

Tgt Ion: 84 Resp: 6894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 0.0 | 86.4 | 129.6# |
| 41 | 0.0 | 42.1 | 63.1# |

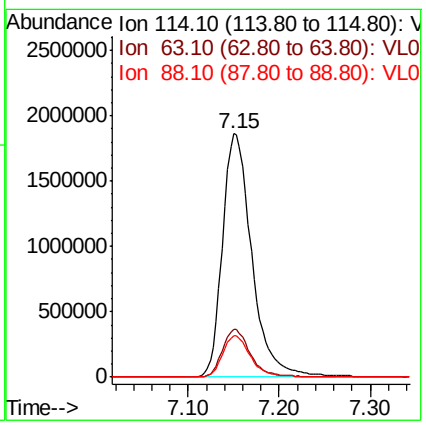


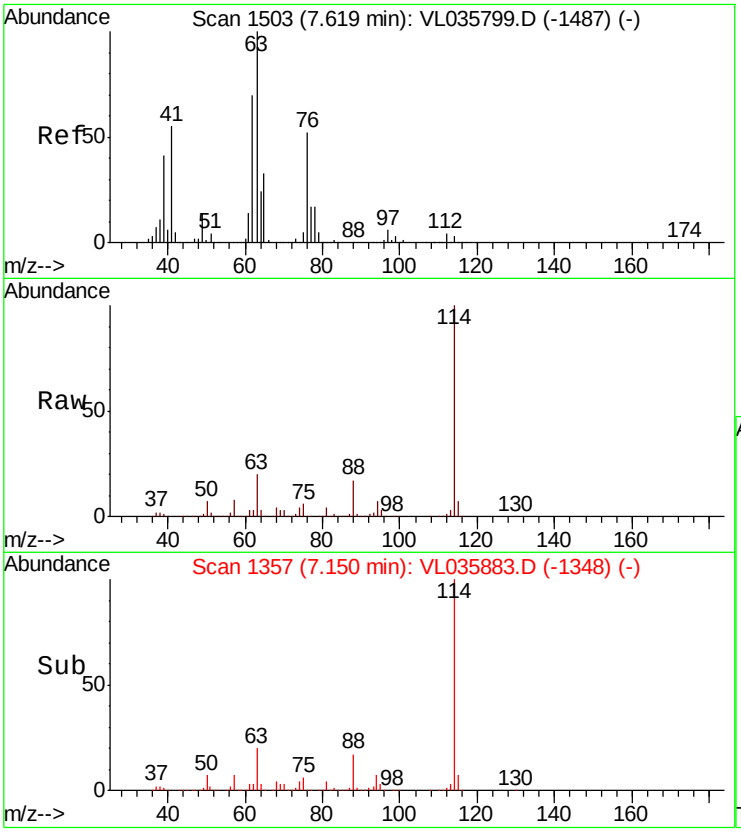




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.03 min
Lab File: VL035883.D
Acq: 6 Nov 2020 6:18

Tgt Ion:114 Resp: 4177126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.0 | 16.1 | 24.1 |
| 88 | 16.5 | 13.7 | 20.5 |



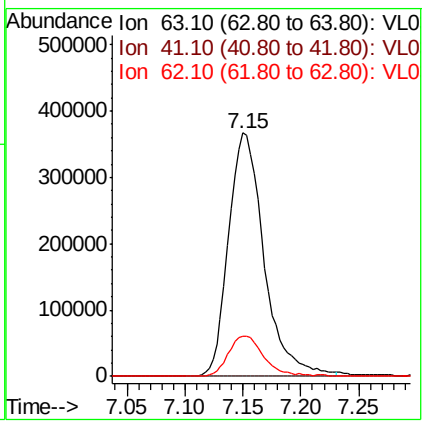


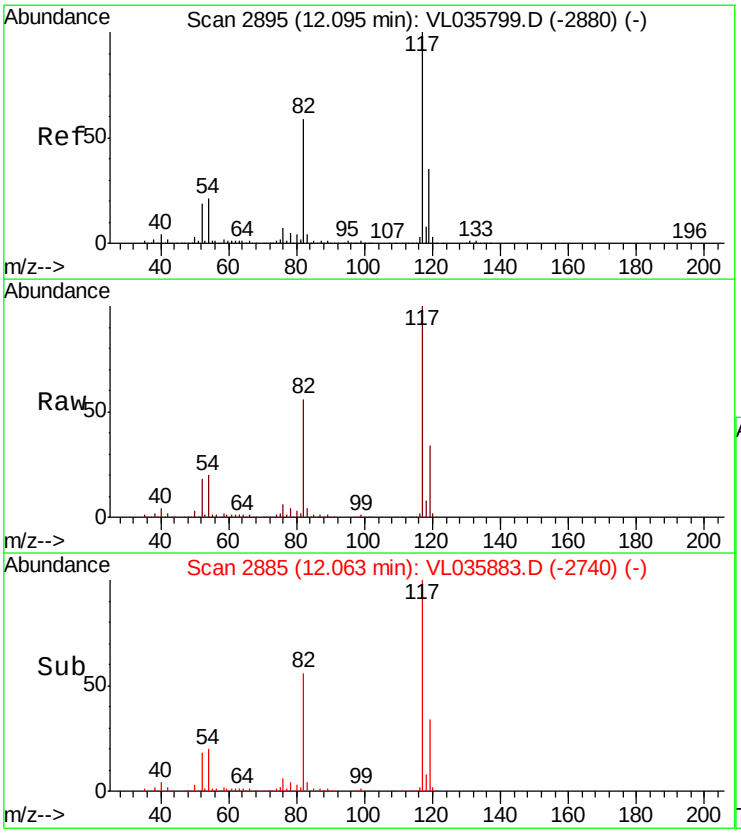

#39
1,2-Dichloropropane
Concen: 7.456 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.47 min
Lab File: VL035883.D
Acq: 6 Nov 2020 6:18

**Instrument :**
MSVOA_L
**ClientSampleId :**
VIBLK

Tgt Ion: 63 Resp: 779531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 0.0 | 43.8 | 65.6# |
| 62 | 16.7 | 56.2 | 84.2# |

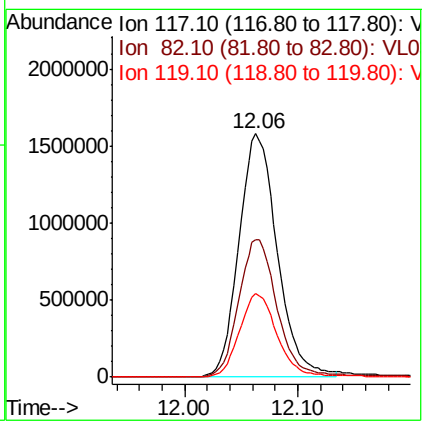


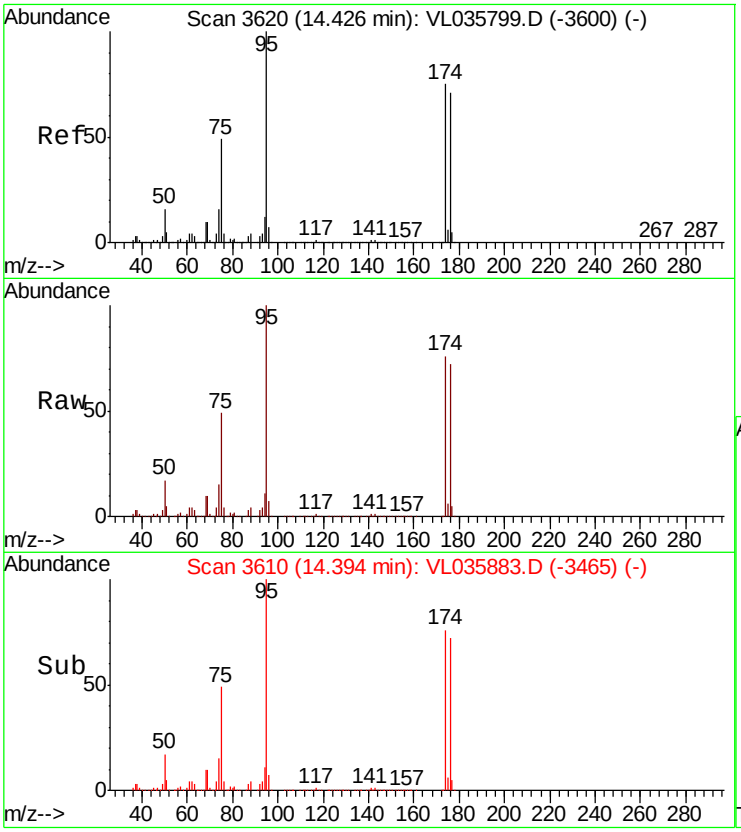




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.03 min
Lab File: VL035883.D
Acq: 6 Nov 2020 6:18

Tgt Ion:117 Resp: 3729190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.9 | 50.6 | 76.0 |
| 119 | 34.4 | 52.6 | 78.8# |






#68
1-Bromo-4-Fluorobenzene
Concen: 9.914 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.03 min
Lab File: VL035883.D
Acq: 6 Nov 2020 6:18

**Instrument :**
MSVOA_L
**ClientSampleId :**
VIBLK

Tgt Ion: 95 Resp: 2626755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 79.2 | 59.8 | 89.6 |
| 175 | 5.6 | 4.3 | 6.5 |