Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032222\
Data File : VL038690.D
Acq On : 22 Mar 2022 19:05
Operator : SY/AP
Sample : N1961-12
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** C0P75

Quant Time: Mar 23 04:14:36 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.65 | 49 | 837535 | 10.00 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.16 | 114 | 2238218 | 10.00 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.07 | 117 | 1977975 | 10.00 | ppbv | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.40 | 95 | 1476163 | 9.73 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 97.30% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.05 | 85 | 22585 | 0.20 | ppbv | | 90 |
| 3) Chlorodifluoromethane | 2.99 | 51 | 37560 | 0.42 | ppbv | # | 89 |
| 4) Chloromethane | 3.14 | 50 | 13462 | 0.28 | ppbv | | 99 |
| 9) Propene | 3.01 | 41 | 175350 | 4.11 | ppbv | | 97 |
| 10) Heptane | 8.11 | 43 | 3609 | 0.04 | ppbv | # | 12 |
| 11) Trichlorofluoromethane | 3.95 | 101 | 22857 | 0.23 | ppbv | | 93 |
| 12) 1,1,2-Trichlorotrifluoroet | 4.48 | 101 | 3717 | 0.05 | ppbv | # | 55 |
| 13) Ethanol | 3.60 | 45 | 169102 | 35.90 | ppbv | | 99 |
| 15) Acetone | 3.84 | 43 | 1399609 | 19.37 | ppbv | # | 88 |
| 16) 1,3-Butadiene | 3.31 | 39 | 226749 | 5.53 | ppbv | # | 13 |
| 17) tert-Butyl alcohol | 4.29 | 59 | 5962 | 0.09 | ppbv | # | 73 |
| 19) Isopropyl Alcohol | 3.96 | 45 | 41711 | 1.04 | ppbv | # | 1 |
| 20) Methylene Chloride | 4.34 | 84 | 605556 | 19.89 | ppbv | | 97 |
| 21) Allyl Chloride | 4.34 | 41 | 17261 | 0.33 | ppbv | # | 34 |
| 23) Vinyl Acetate | 5.05 | 43 | 30397 | 0.43 | ppbv | # | 1 |
| 25) Ethyl Acetate | 5.68 | 43 | 609374 | 3.35 | ppbv | # | 78 |
| 26) Hexane | 5.68 | 57 | 854241 | 10.49 | ppbv | # | 40 |
| 30) Cyclohexane | 7.12 | 84 | 61728 | 0.87 | ppbv | | 92 |
| 31) cis-1,2-Dichloroethene | 5.54 | 61 | 23153 | 0.30 | ppbv | | 99 |
| 34) 2-Butanone | 5.23 | 43 | 1847922 | 20.86 | ppbv | | 97 |
| 35) Carbon Tetrachloride | 7.01 | 117 | 7269 | 0.06 | ppbv | | 92 |
| 36) Benzene | 6.88 | 78 | 45091 | 0.26 | ppbv | | 99 |
| 38) Trichloroethene | 7.83 | 130 | 23400 | 0.32 | ppbv | # | 85 |
| 39) 1,2-Dichloropropane | 7.16 | 63 | 513889 | 7.61 | ppbv | # | 29 |
| 41) Tetrahydrofuran | 6.04 | 42 | 21790 | 0.33 | ppbv | # | 83 |
| 44) 2,2,4-Trimethylpentane | 7.86 | 57 | 25363 | 0.09 | ppbv | # | 33 |
| 51) 2-Hexanone | 10.13 | 43 | 29884 | 0.25 | ppbv | # | 7 |
| 52) Tetrachloroethene | 11.21 | 164 | 1619760 | 25.62 | ppbv | | 97 |
| 53) Toluene | 9.79 | 91 | 3438115 | 18.52 | ppbv | | 99 |
| 58) Ethyl Benzene | 12.69 | 91 | 16678 | 0.07 | ppbv | | 89 |
| 59) m/p-Xylene | 12.96 | 91 | 29140 | 0.14 | ppbv | # | 30 |
| 60) o-Xylene | 13.67 | 91 | 25144 | 0.13 | ppbv | | 97 |
| 61) Styrene | 13.51 | 104 | 5649 | 0.05 | ppbv | # | 35 |
| 62) Isopropylbenzene | 14.65 | 105 | 109681 | 0.38 | ppbv | | 99 |
| 69) p-Isopropyltoluene | 17.64 | 119 | 21374 | 0.07 | ppbv | # | 57 |
| 74) 1,2,4-Trimethylbenzene | 16.74 | 105 | 22882 | 0.10 | ppbv | # | 77 |

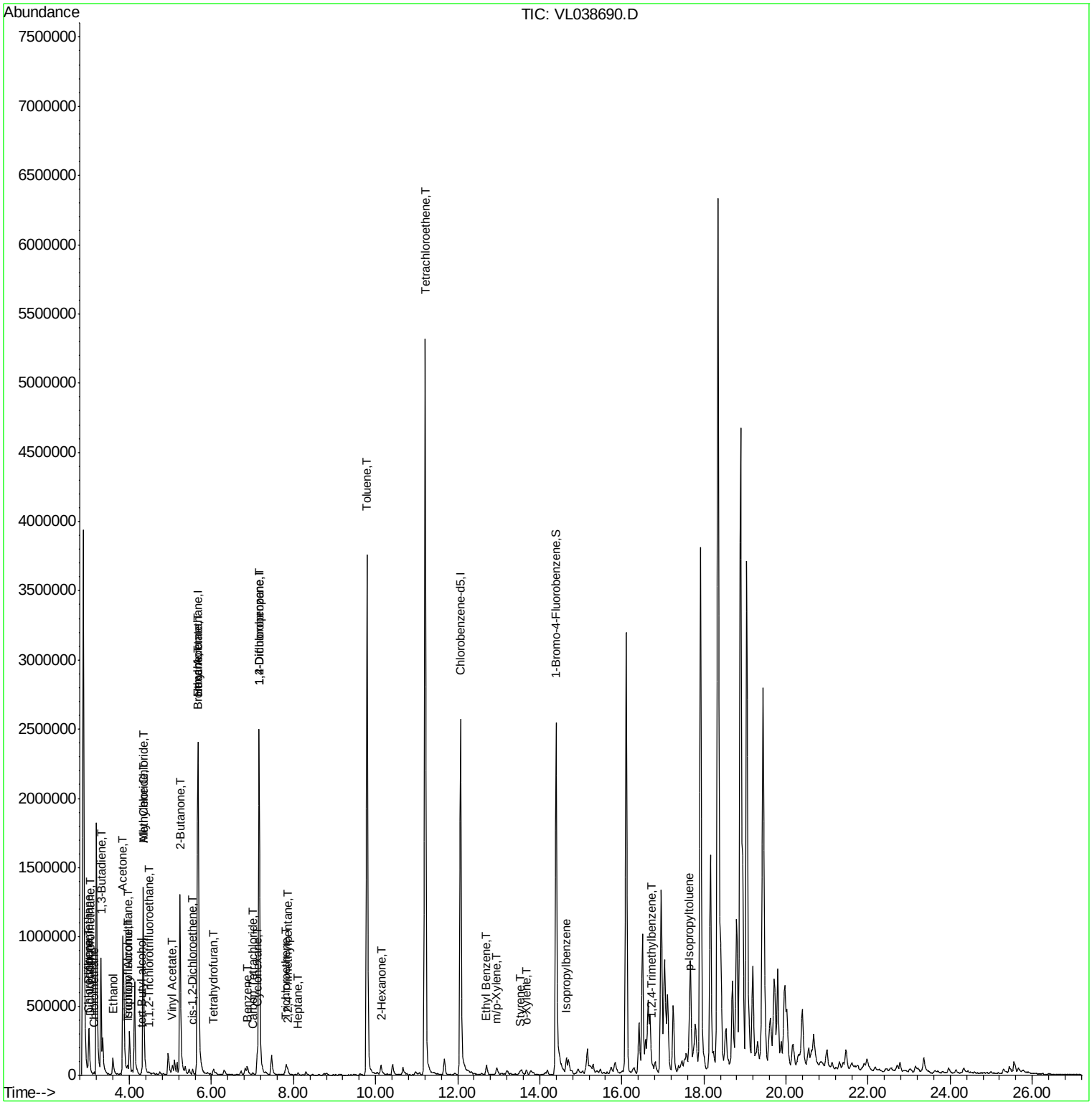
(#) = qualifier out of range (m) = manual integration (+) = signals summed

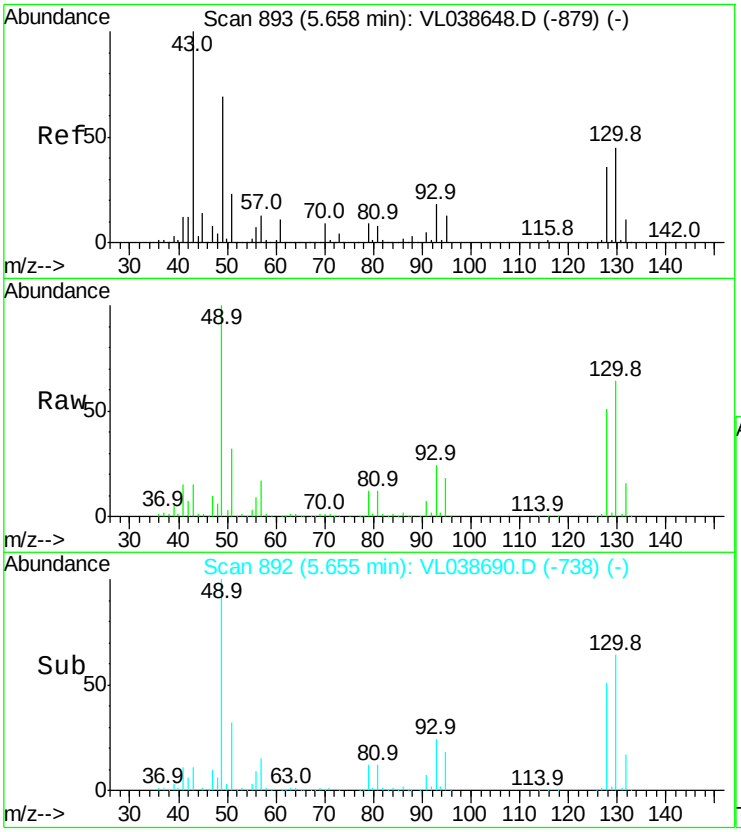
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032222\
Data File : VL038690.D
Acq On : 22 Mar 2022 19:05
Operator : SY/AP
Sample : N1961-12
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P75

Quant Time: Mar 23 04:14:36 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration



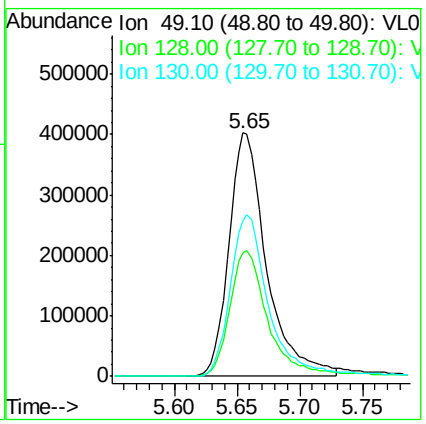


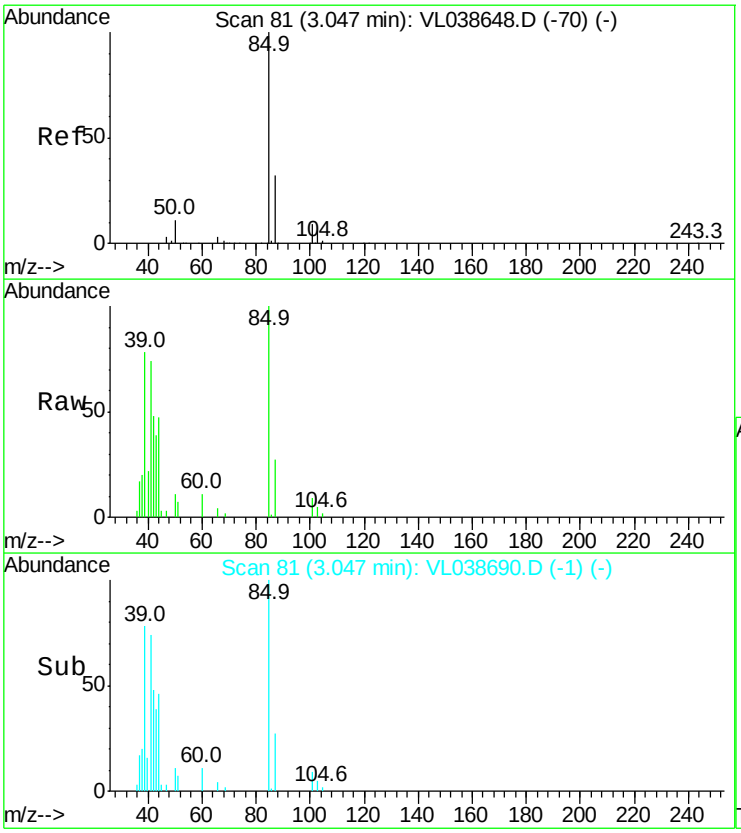

#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 22 Mar 2022 19:05

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P75

Tgt Ion: 49 Resp: 837535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 53.9 | 26.2 | 78.6 |
| 130 | 69.7 | 33.7 | 101.1 |

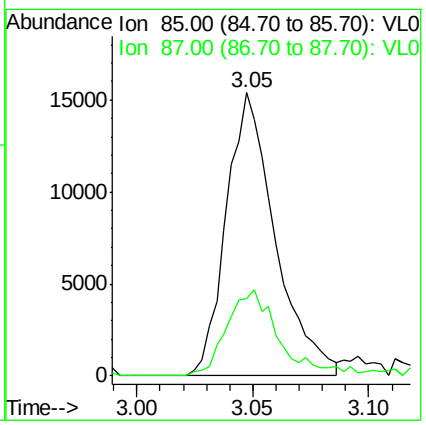


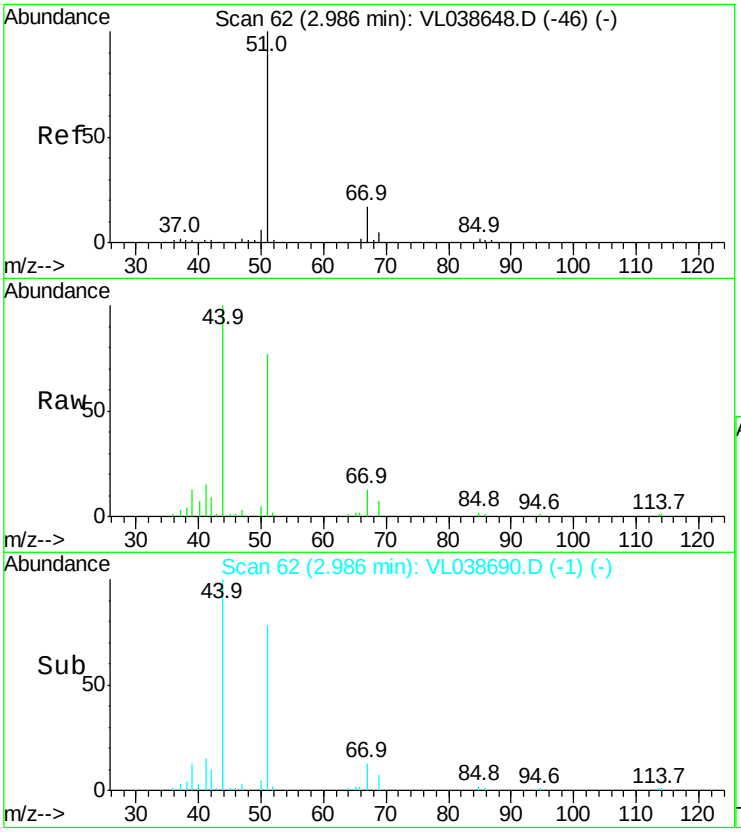




#2
Dichlorodifluoromethane
Concen: 0.20 ppbv
RT: 3.05 min Scan# 81
Delta R.T. -0.00 min
Lab File: VL038690.D
Acq: 22 Mar 2022 19:05

Tgt Ion: 85 Resp: 22585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 27.1 | 26.0 | 39.0 |



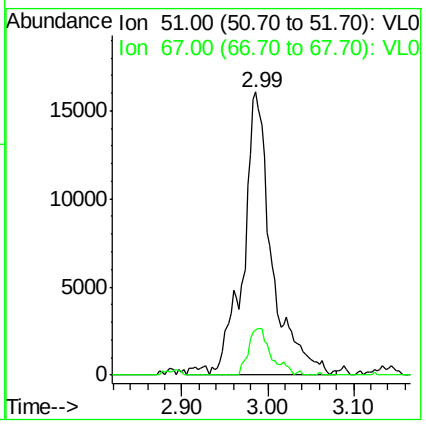


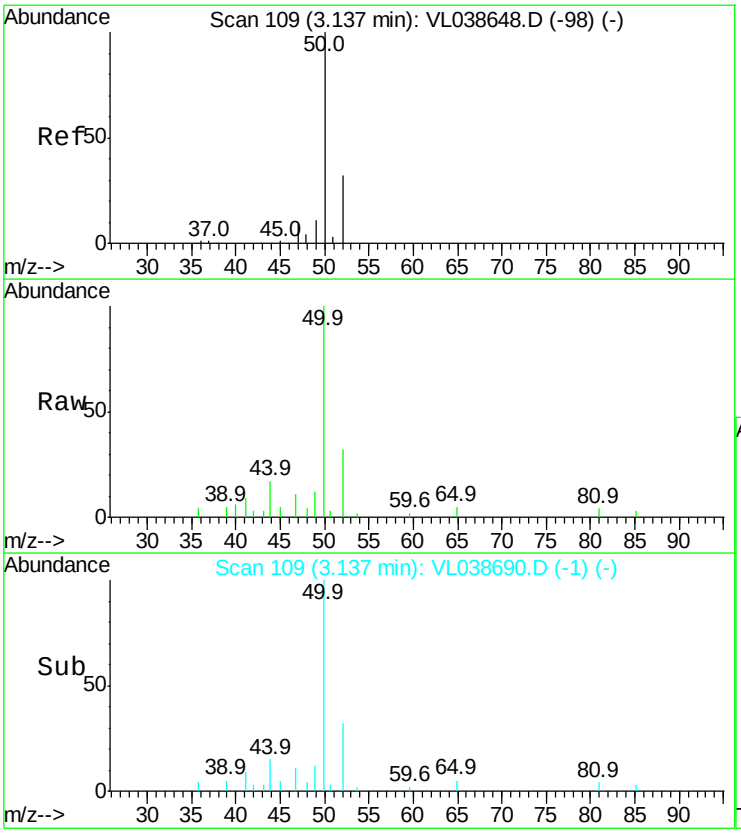

#3
Chlorodifluoromethane
Concen: 0.42 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 22 Mar 2022 19:05

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P75

Tgt Ion: 51 Resp: 37560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 51 | 100 | | |
| 67 | 12.9 | 14.1 | 21.1# |

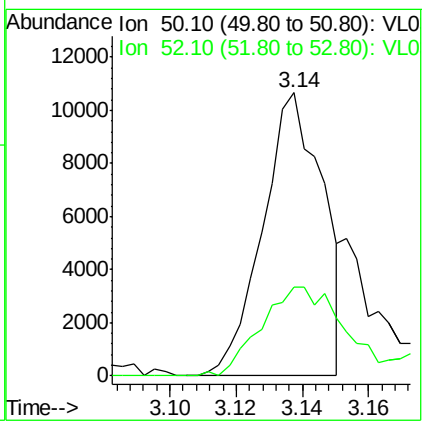


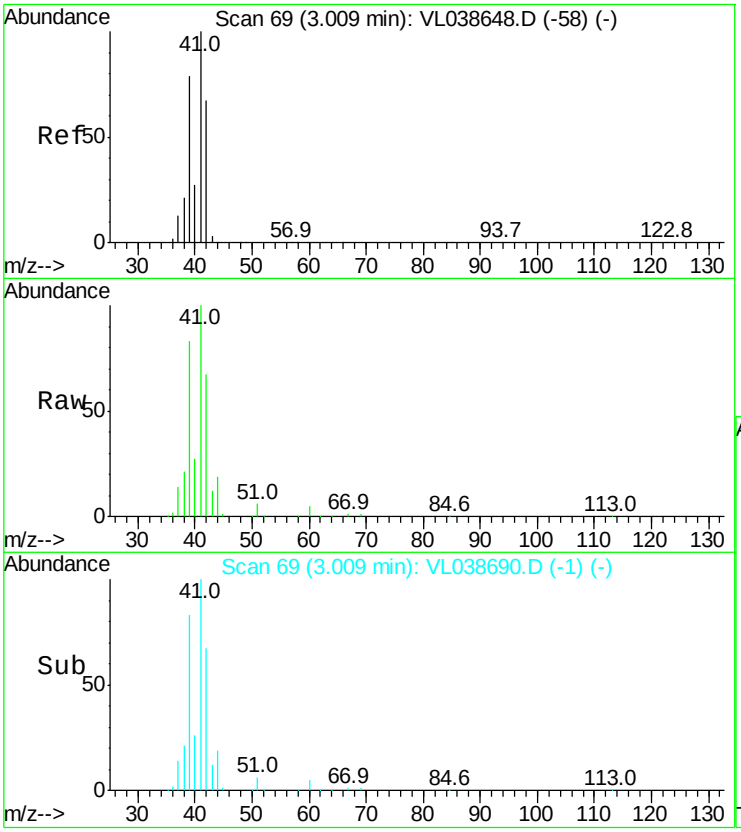




#4
Chloromethane
Concen: 0.28 ppbv
RT: 3.14 min Scan# 109
Delta R.T. -0.00 min
Lab File: VL038690.D
Acq: 22 Mar 2022 19:05

Tgt Ion: 50 Resp: 13462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.3 | 25.5 | 38.3 |



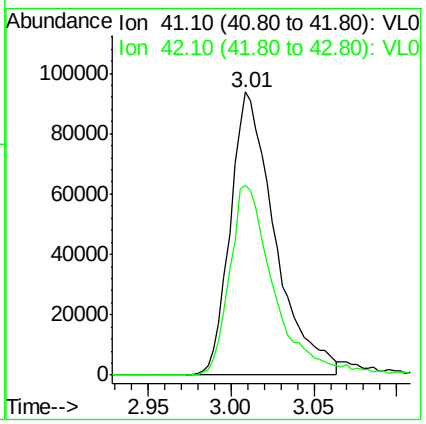


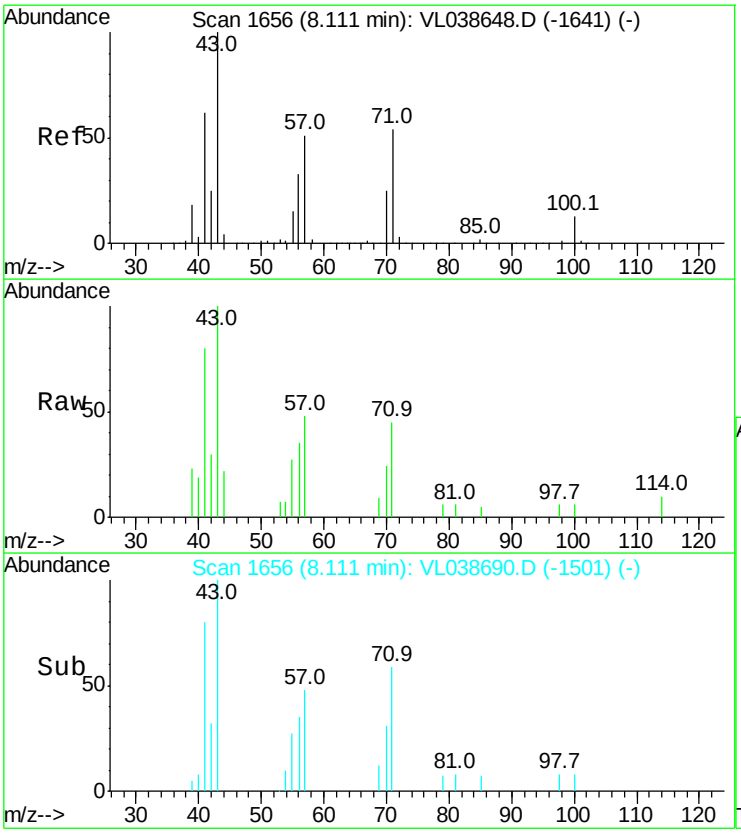

#9
Propene
Concen: 4.11 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 22 Mar 2022 19:05

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P75

Tgt Ion: 41 Resp: 175350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 67.9 | 56.2 | 84.4 |

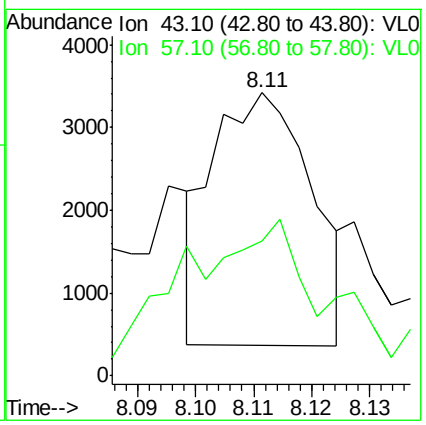


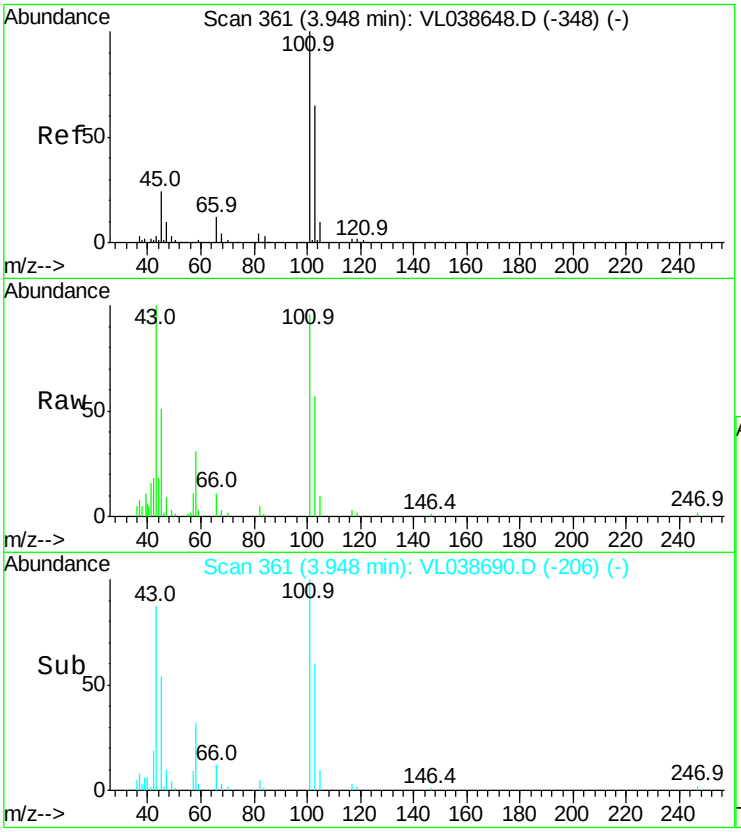




#10
Heptane
Concen: 0.04 ppbv
RT: 8.11 min Scan# 1656
Delta R.T. -0.00 min
Lab File: VL038690.D
Acq: 22 Mar 2022 19:05

Tgt Ion: 43 Resp: 3609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 113.4 | 41.4 | 62.2# |



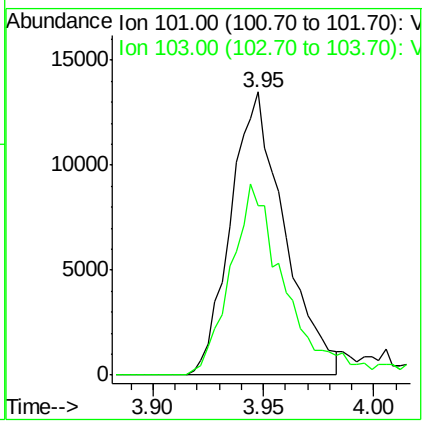


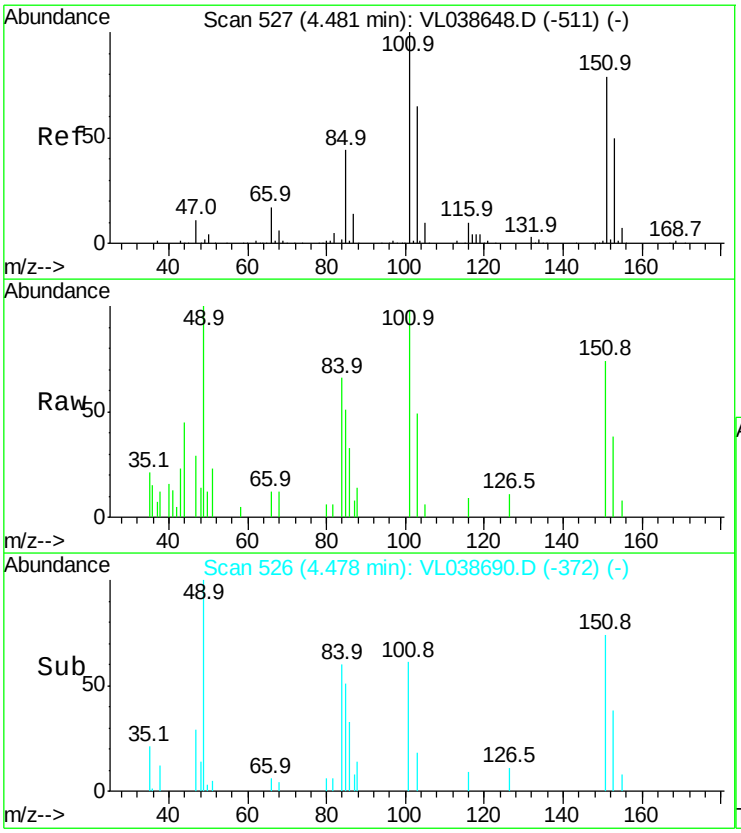

#11
Trichlorofluoromethane
Concen: 0.23 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 22 Mar 2022 19:05

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P75

Tgt Ion:101 Resp: 22857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 59.8 | 51.9 | 77.9 |

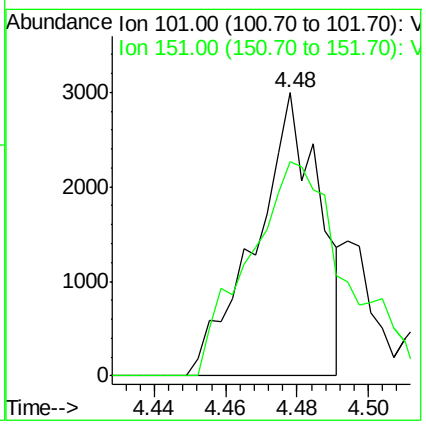


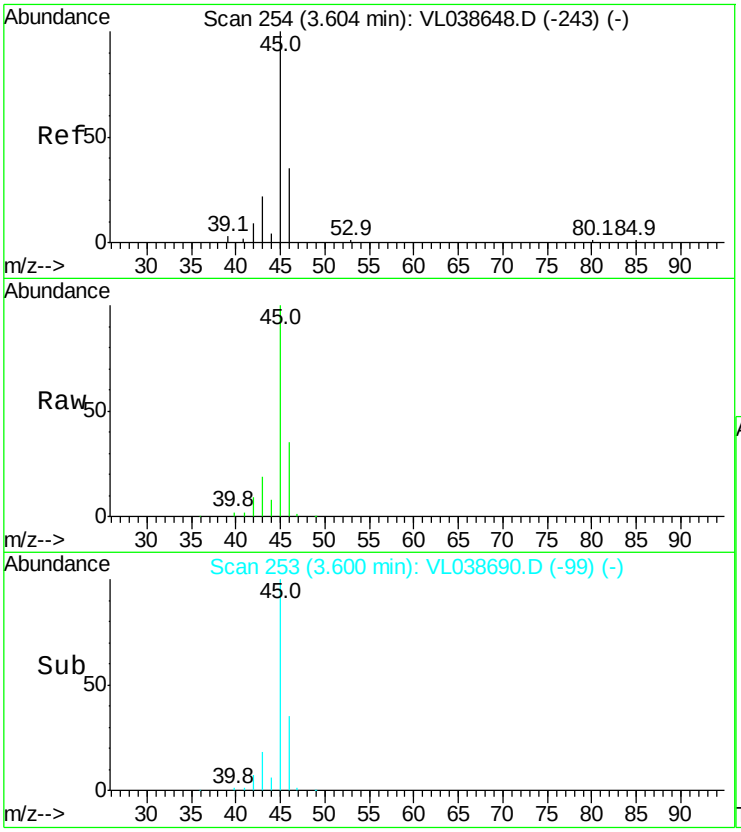




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.05 ppbv
RT: 4.48 min Scan# 526
Delta R.T. -0.00 min
Lab File: VL038690.D
Acq: 22 Mar 2022 19:05

Tgt Ion:101 Resp: 3717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 151 | 118.1 | 62.9 | 94.3# |



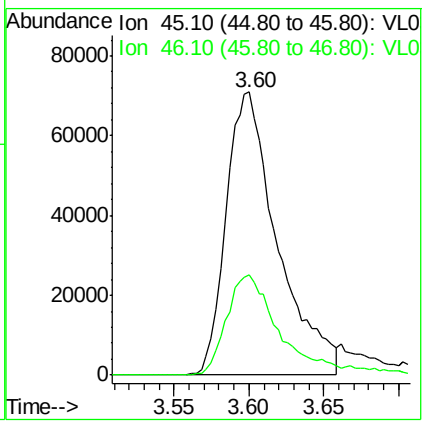


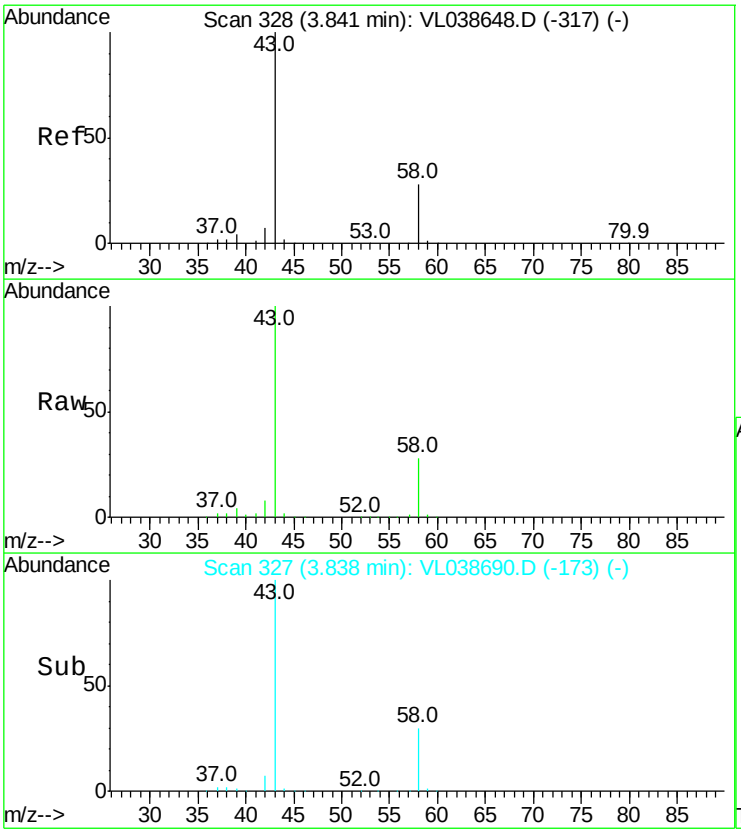

#13
Ethanol
Concen: 35.90 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 22 Mar 2022 19:05

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P75

Tgt Ion: 45 Resp: 169102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 38.5 | 15.1 | 60.5 |

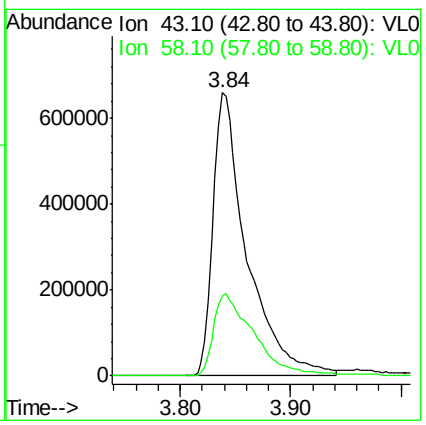


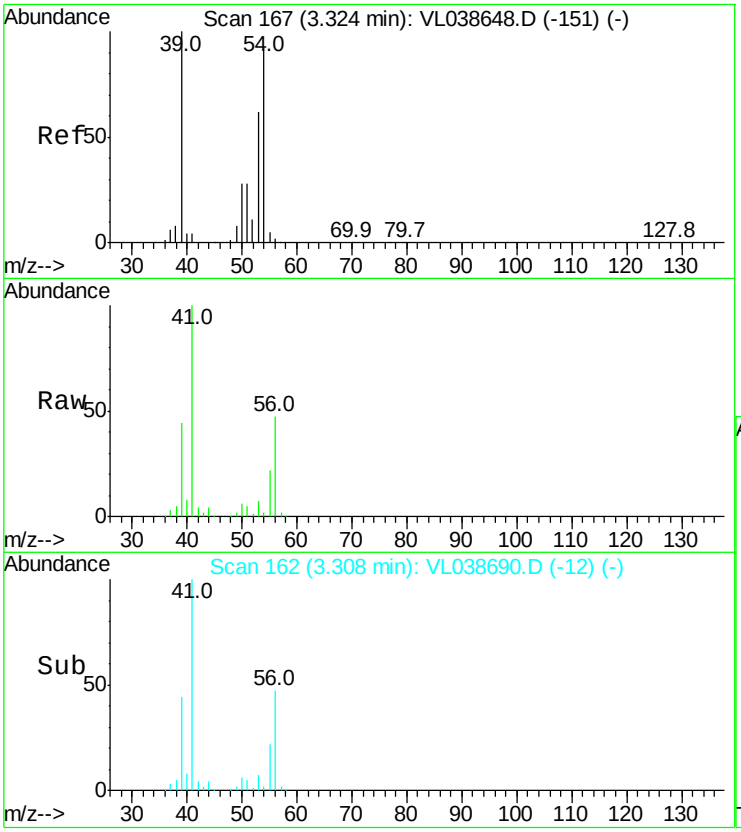




#15
Acetone
Concen: 19.37 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.00 min
Lab File: VL038690.D
Acq: 22 Mar 2022 19:05

Tgt Ion: 43 Resp: 1399609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 35.3 | 23.3 | 34.9# |



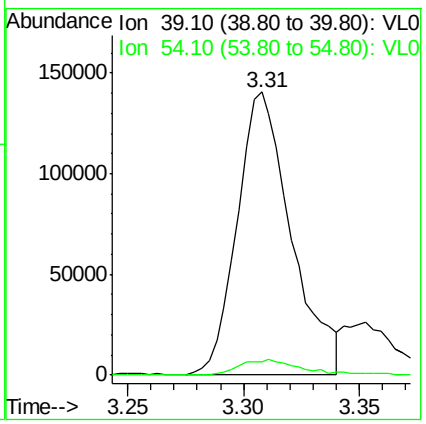


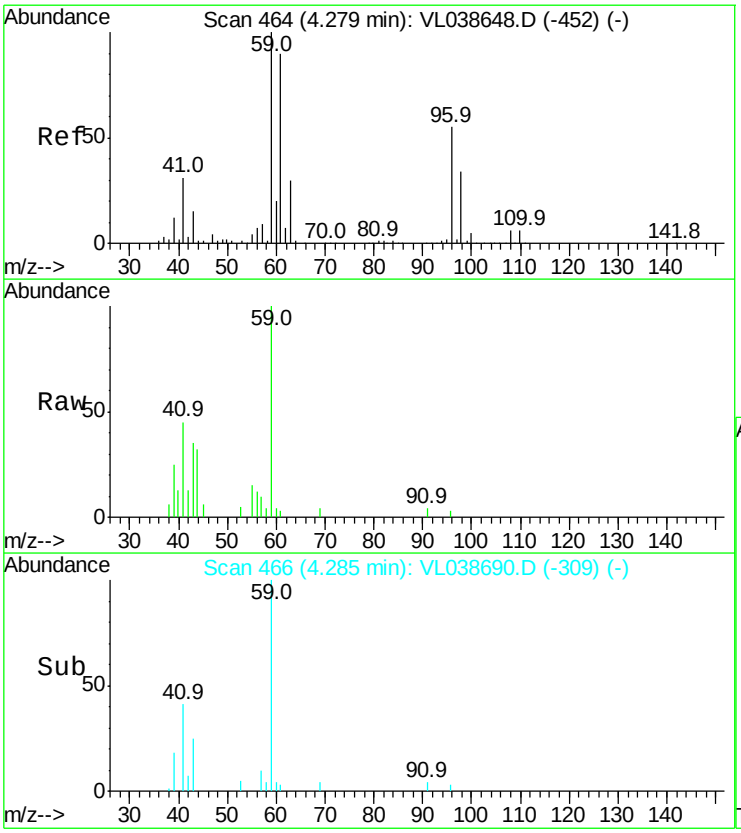

#16
1,3-Butadiene
Concen: 5.53 ppbv
RT: 3.31
Delta R.T
Lab File:
Acq: 22 Mar 2022 19:05

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P75

Tgt Ion: 39 Resp: 226749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 6.7 | 69.1 | 103.7# |

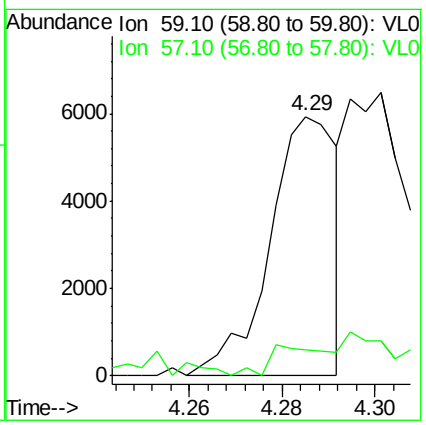


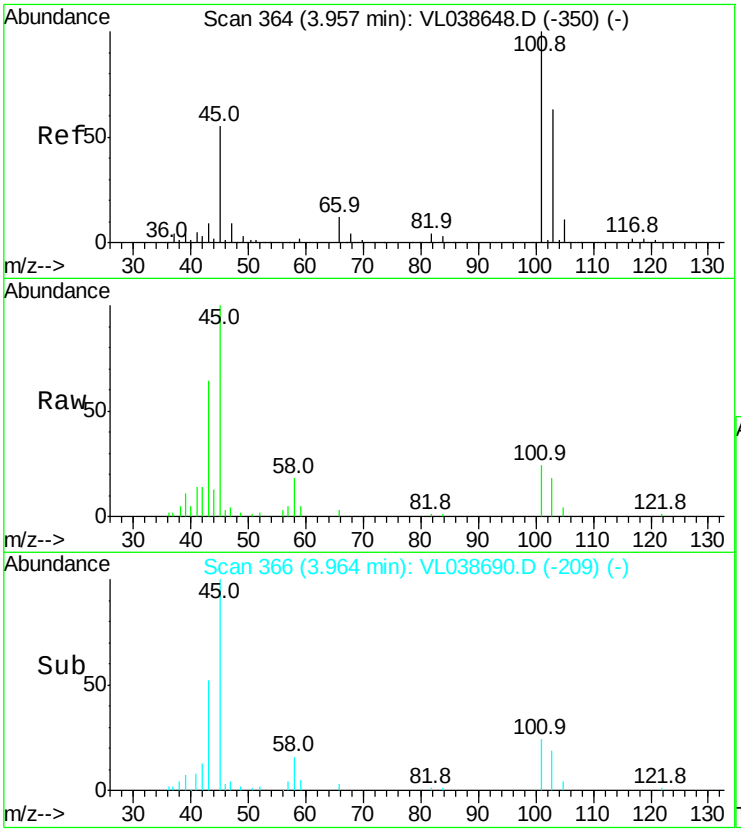




#17
tert-Butyl alcohol
Concen: 0.09 ppbv
RT: 4.29 min Scan# 466
Delta R.T. 0.01 min
Lab File: VL038690.D
Acq: 22 Mar 2022 19:05

Tgt Ion: 59 Resp: 5962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.2 | 12.2# |



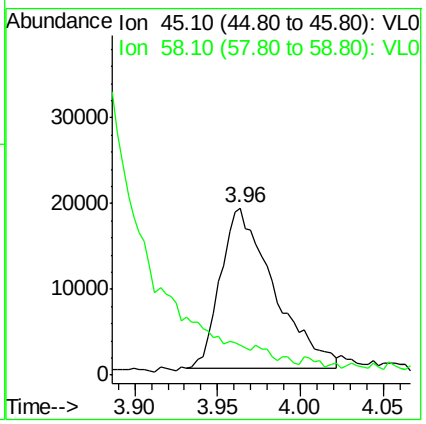


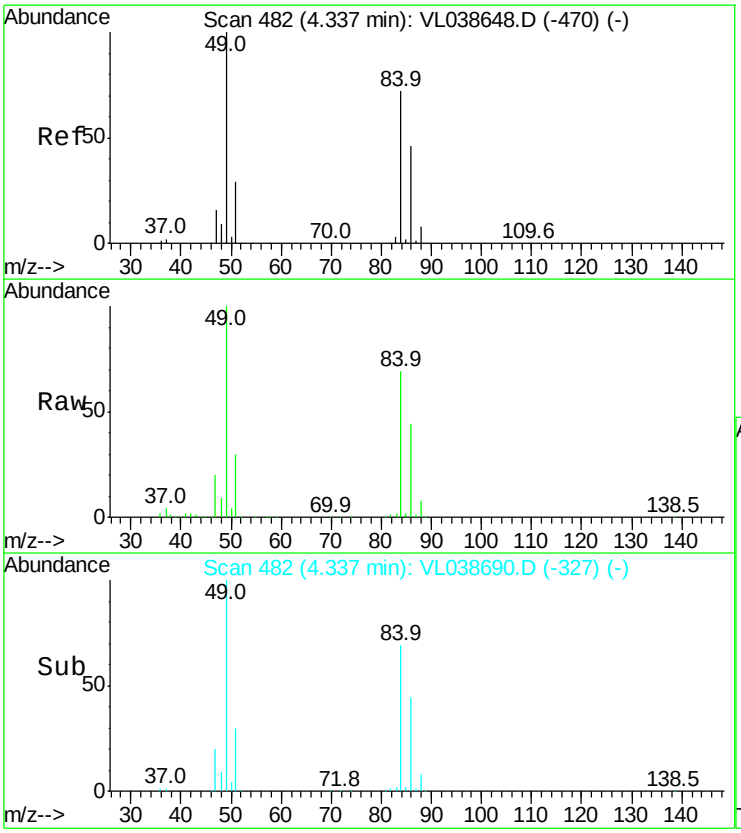

#19
Isopropyl Alcohol
Concen: 1.04 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 22 Mar 2022 19:05

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P75

Tgt Ion: 45 Resp: 41711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 1183.6 | 2.3 | 3.5# |

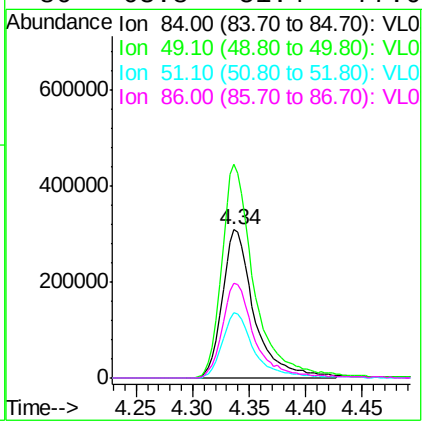


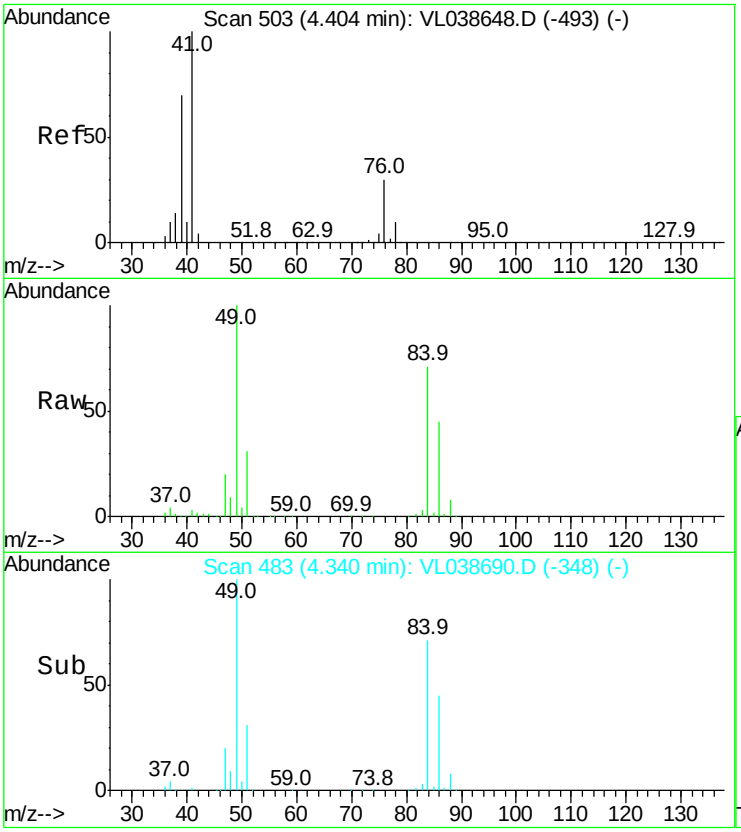




#20
Methylene Chloride
Concen: 19.89 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.00 min
Lab File: VL038690.D
Acq: 22 Mar 2022 19:05

Tgt Ion: 84 Resp: 605556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 144.2 | 111.2 | 166.8 |
| 51 | 43.6 | 32.8 | 49.2 |
| 86 | 63.8 | 51.4 | 77.0 |



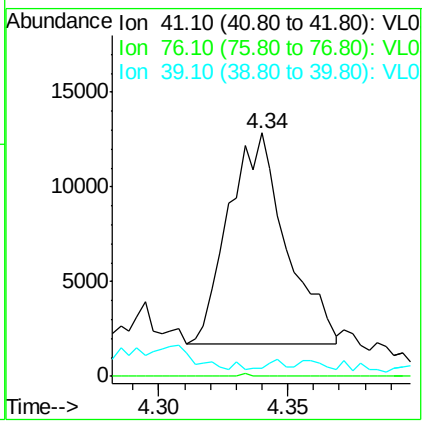


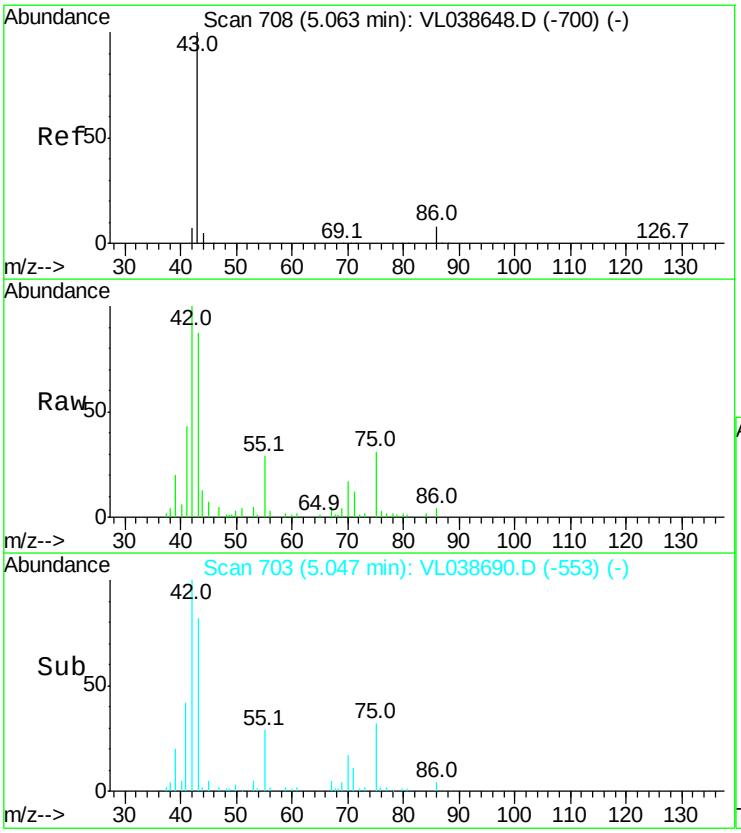

#21
Allyl Chloride
Concen: 0.33 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 22 Mar 2022 19:05

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P75

Tgt Ion: 41 Resp: 17261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 76 | 0.0 | 25.0 | 37.6# |
| 39 | 13.5 | 56.6 | 85.0# |

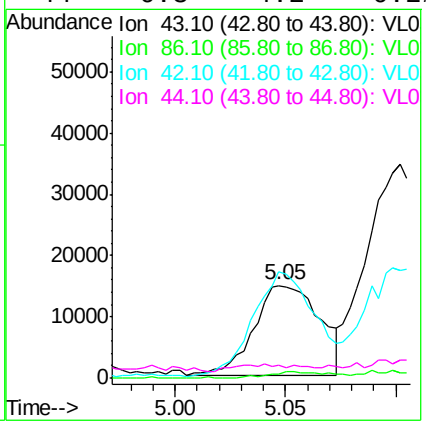


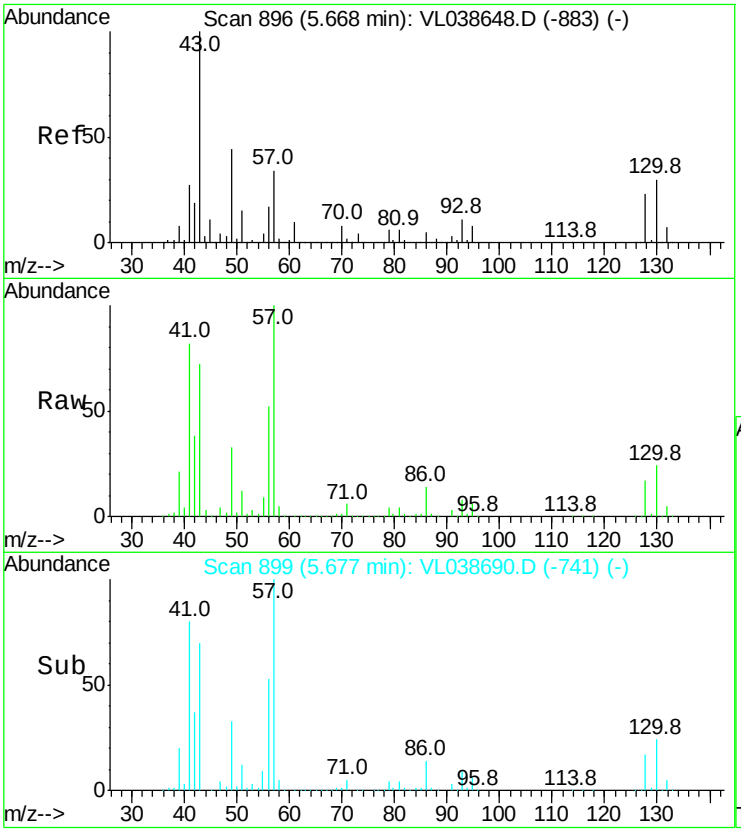




#23
Vinyl Acetate
Concen: 0.43 ppbv
RT: 5.05 min Scan# 703
Delta R.T. -0.02 min
Lab File: VL038690.D
Acq: 22 Mar 2022 19:05

Tgt Ion: 43 Resp: 30397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 4.4 | 5.6 | 8.4# |
| 42 | 116.8 | 6.8 | 10.2# |
| 44 | 6.3 | 4.2 | 6.2# |



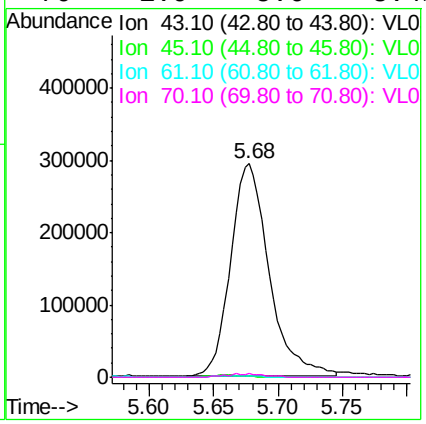


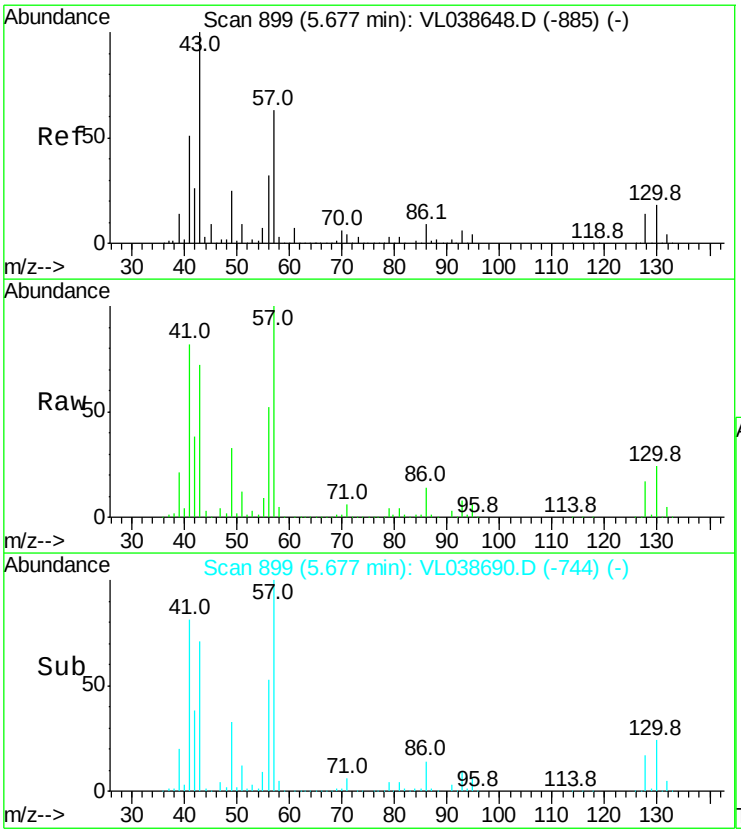

#25
Ethyl Acetate
Concen: 3.35 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 22 Mar 2022 19:05

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P75

Tgt Ion: 43 Resp: 609374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 1.3 | 8.2 | 12.4# |
| 61 | 1.0 | 8.3 | 12.5# |
| 70 | 1.9 | 5.6 | 8.4# |

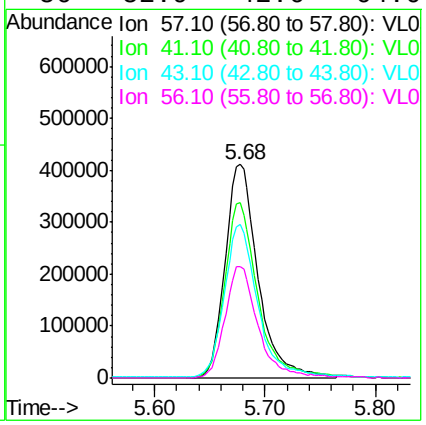


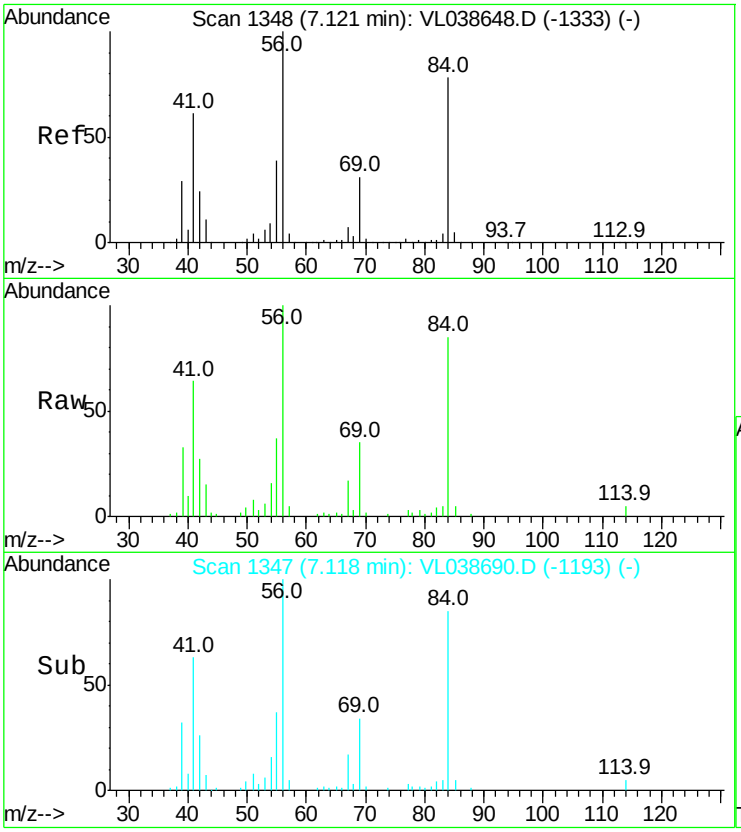




#26
Hexane
Concen: 10.49 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.00 min
Lab File: VL038690.D
Acq: 22 Mar 2022 19:05

Tgt Ion: 57 Resp: 854241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 82.8 | 67.0 | 100.4 |
| 43 | 73.0 | 184.2 | 276.2# |
| 56 | 52.9 | 42.6 | 64.0 |



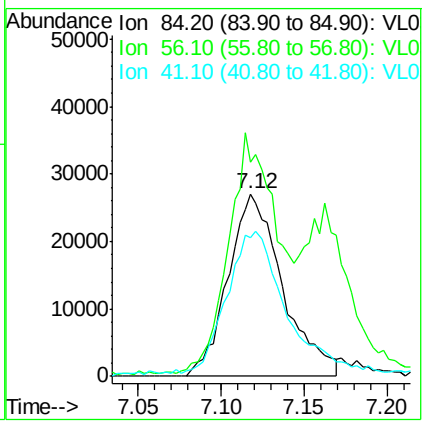


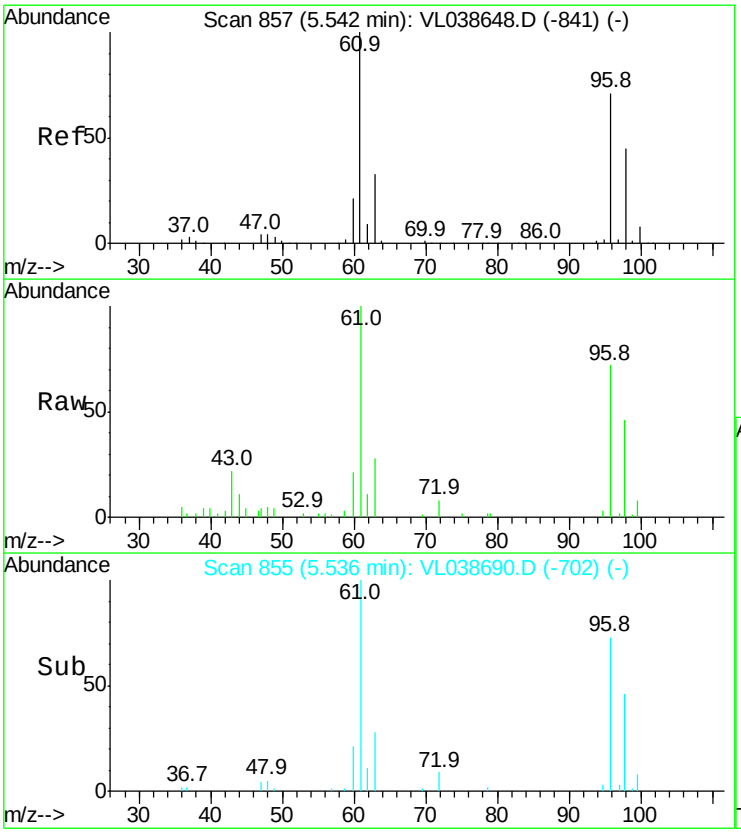

#30
Cyclohexane
Concen: 0.87 ppbv
RT: 7.12
Delta R.T
Lab File:
Acq: 22 Mar 2022 19:05

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P75

Tgt Ion: 84 Resp: 61728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 125.4 | 108.2 | 162.4 |
| 41 | 84.6 | 61.8 | 92.6 |

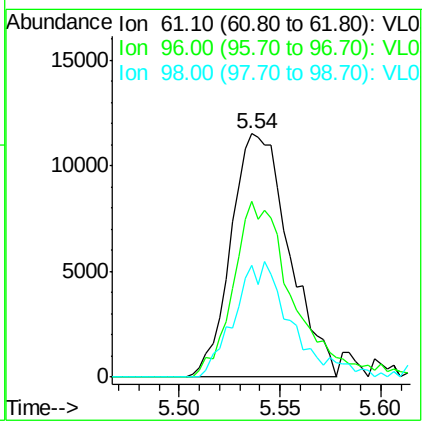


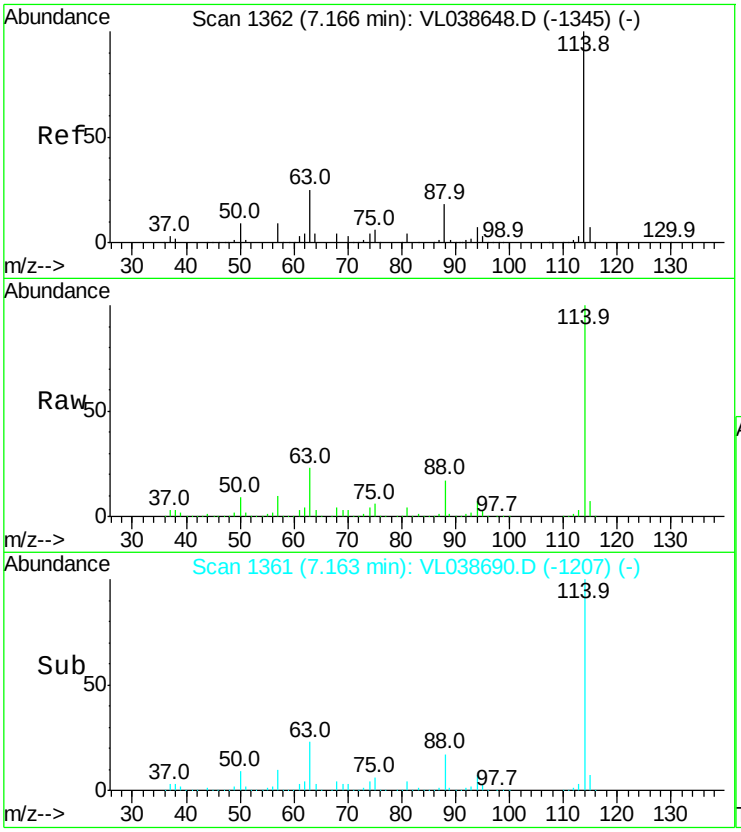




#31
cis-1,2-Dichloroethene
Concen: 0.30 ppbv
RT: 5.54 min Scan# 855
Delta R.T. -0.01 min
Lab File: VL038690.D
Acq: 22 Mar 2022 19:05

Tgt Ion: 61 Resp: 23153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 61 | 100 | | |
| 96 | 71.9 | 56.6 | 84.8 |
| 98 | 45.8 | 36.3 | 54.5 |



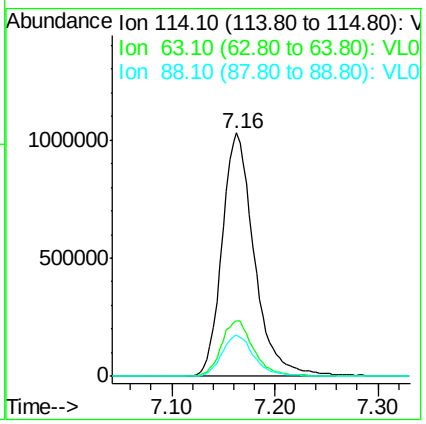


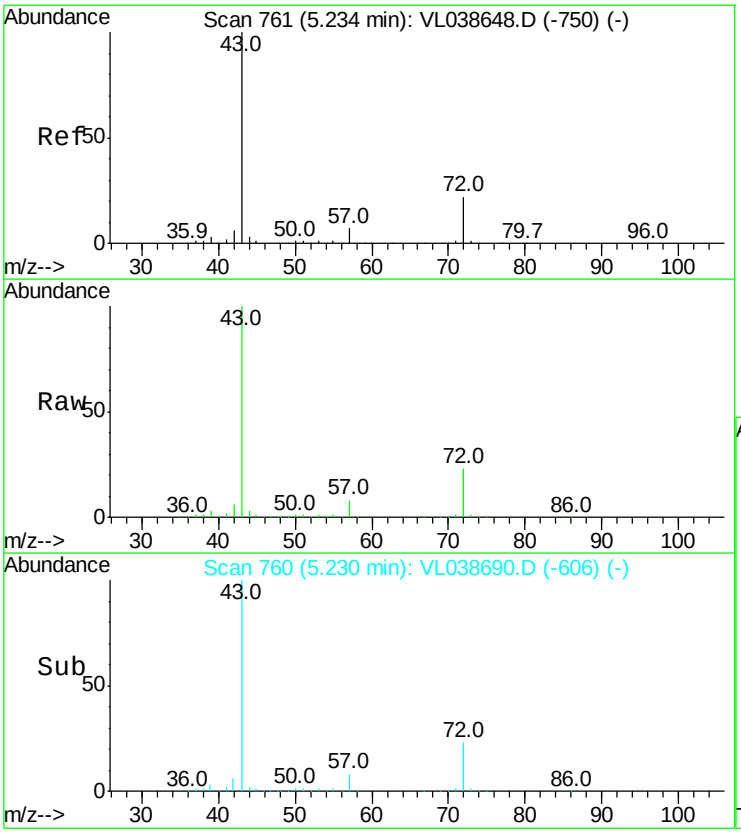

#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 22 Mar 2022 19:05

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P75

Tgt Ion:114 Resp: 2238218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.4 | 19.4 | 29.0 |
| 88 | 17.0 | 13.9 | 20.9 |

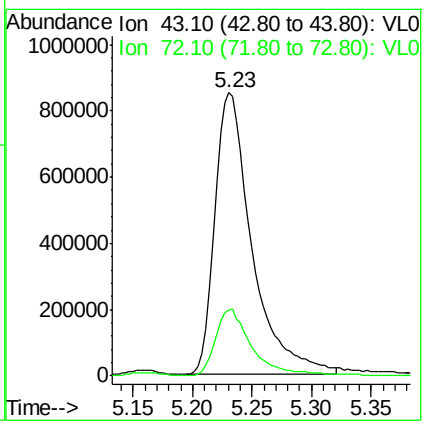


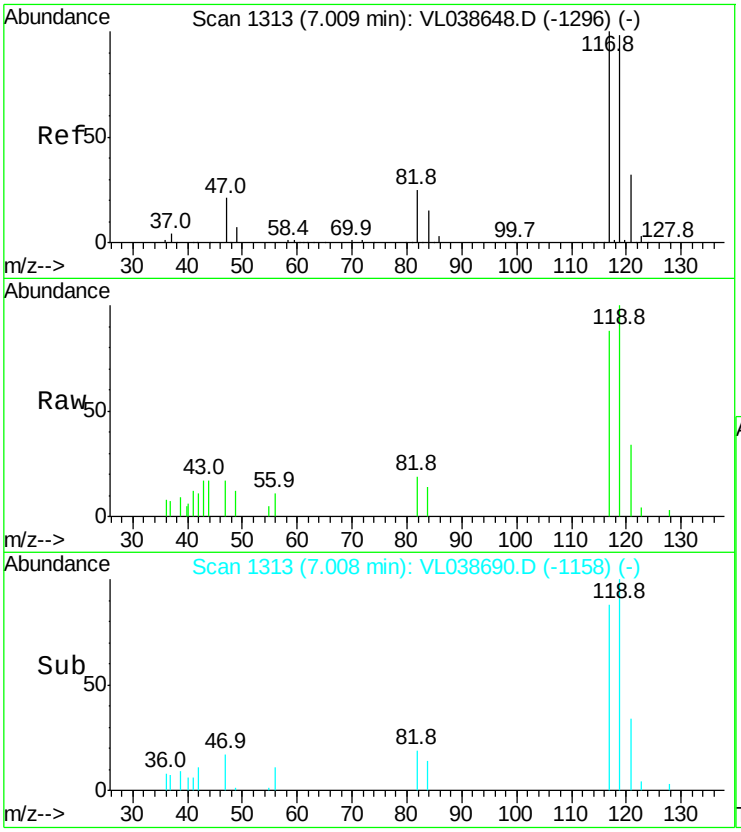




#34
2-Butanone
Concen: 20.86 ppbv
RT: 5.23 min Scan# 760
Delta R.T. -0.00 min
Lab File: VL038690.D
Acq: 22 Mar 2022 19:05

Tgt Ion: 43 Resp: 1847922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 23.6 | 17.8 | 26.8 |



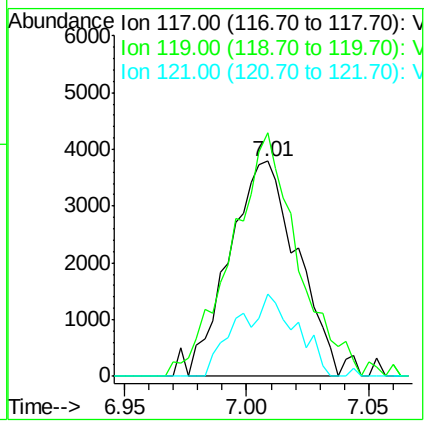


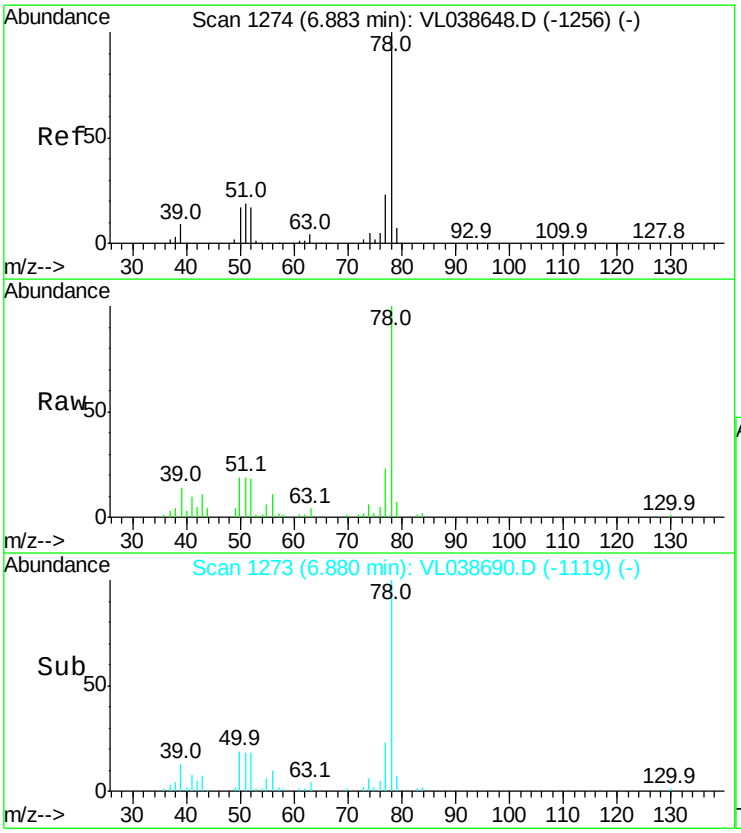

#35
Carbon Tetrachloride
Concen: 0.06 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 22 Mar 2022 19:05

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P75

Tgt Ion:117 Resp: 7269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 105.0 | 78.1 | 117.1 |
| 121 | 38.1 | 25.8 | 38.6 |

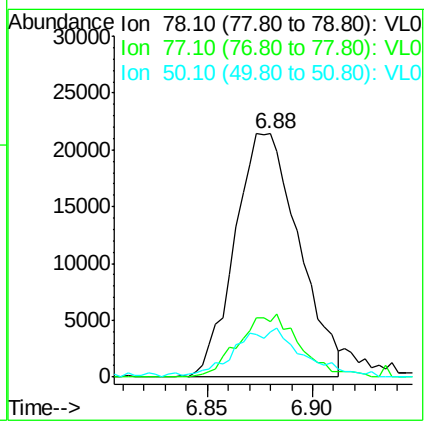


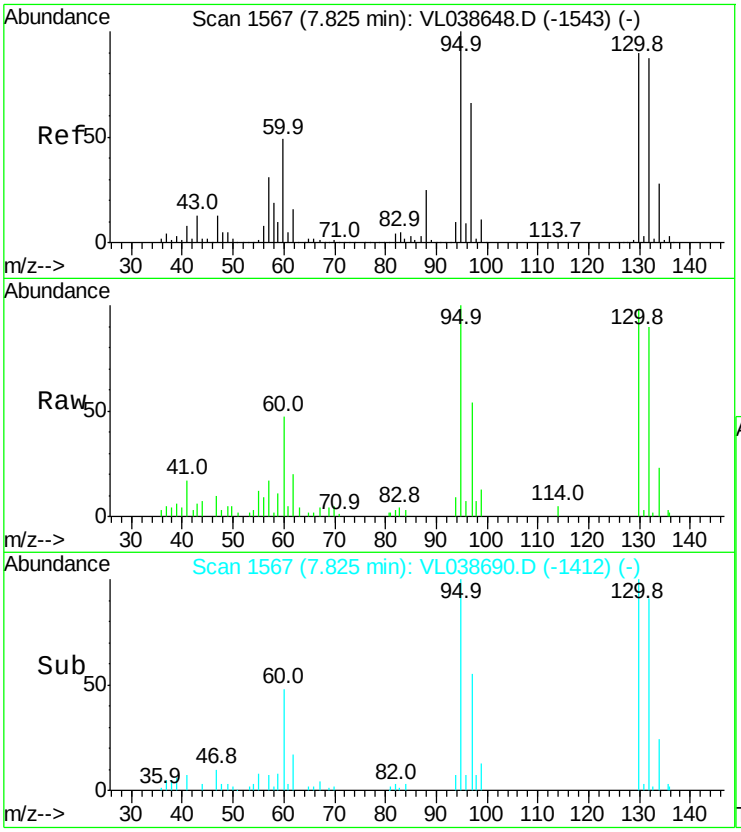




#36
Benzene
Concen: 0.26 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.00 min
Lab File: VL038690.D
Acq: 22 Mar 2022 19:05

Tgt Ion: 78 Resp: 45091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.9 | 18.1 | 27.1 |
| 50 | 17.6 | 13.6 | 20.4 |



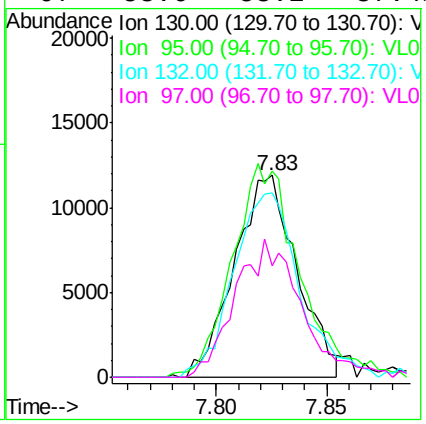


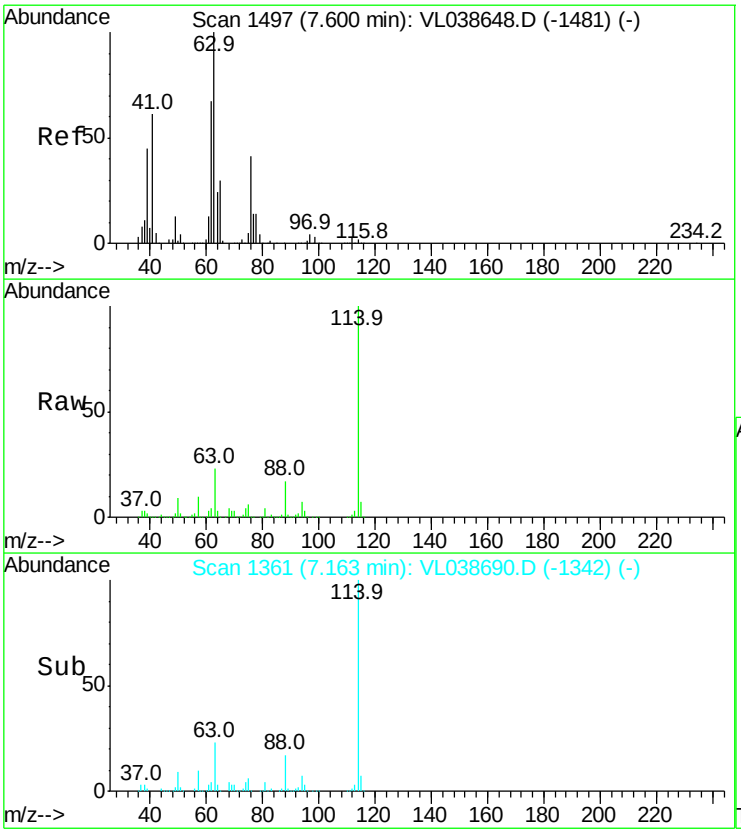

#38
Trichloroethene
Concen: 0.32 ppbv
RT: 7.83
Delta R.T
Lab File:
Acq: 22 Mar 2022 19:05

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P75

Tgt Ion:130 Resp: 23400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 96.5 | 88.9 | 133.3 |
| 132 | 87.7 | 77.4 | 116.0 |
| 97 | 53.6 | 58.2 | 87.4# |

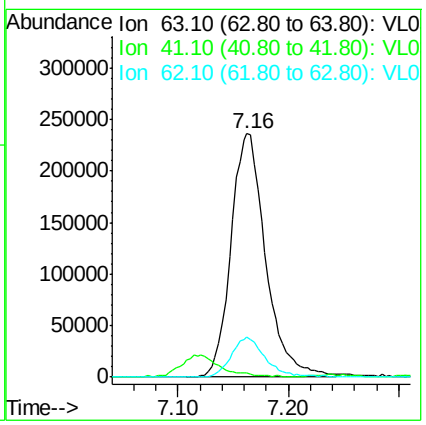


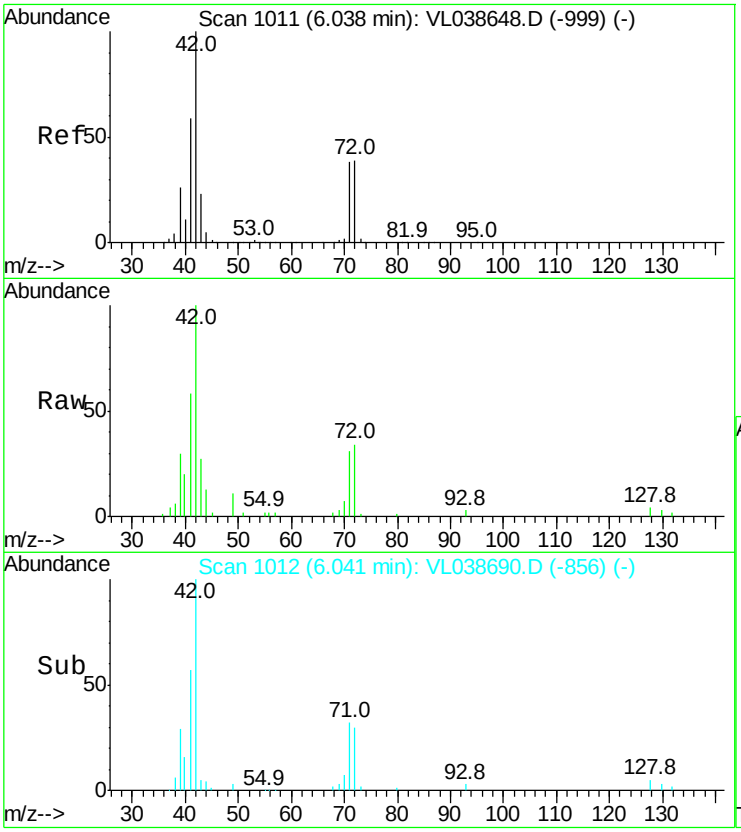




#39
1,2-Dichloropropane
Concen: 7.61 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.44 min
Lab File: VL038690.D
Acq: 22 Mar 2022 19:05

Tgt Ion: 63 Resp: 513889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 0.8 | 49.0 | 73.6# |
| 62 | 16.4 | 53.9 | 80.9# |



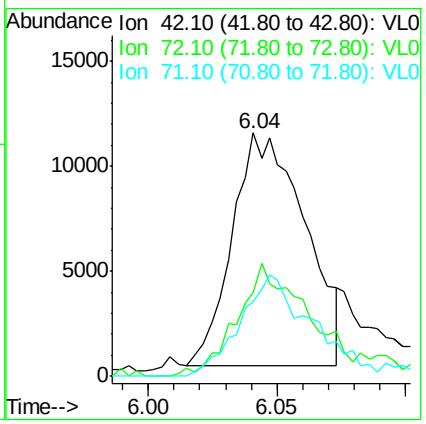


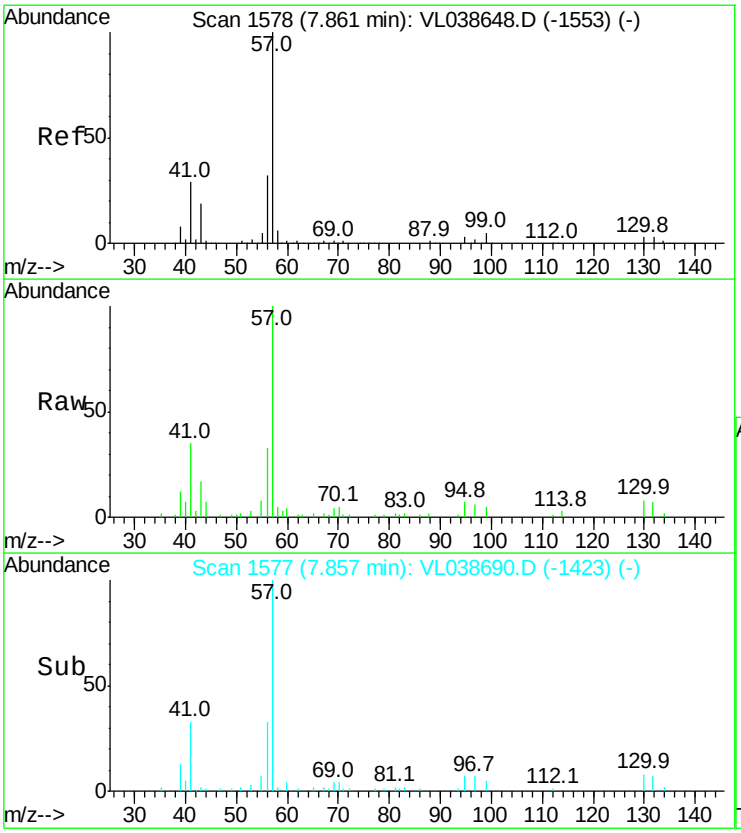

#41
Tetrahydrofuran
Concen: 0.33 ppbv
RT: 6.04
Delta R.T
Lab File:
Acq: 22 Mar 2022 19:05

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P75

Tgt Ion: 42 Resp: 21790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 54.9 | 32.5 | 48.7# |
| 71 | 46.5 | 31.4 | 47.2 |

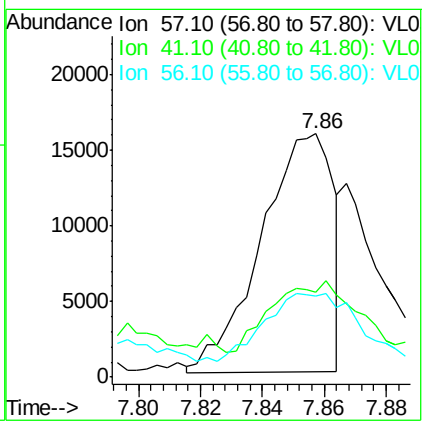


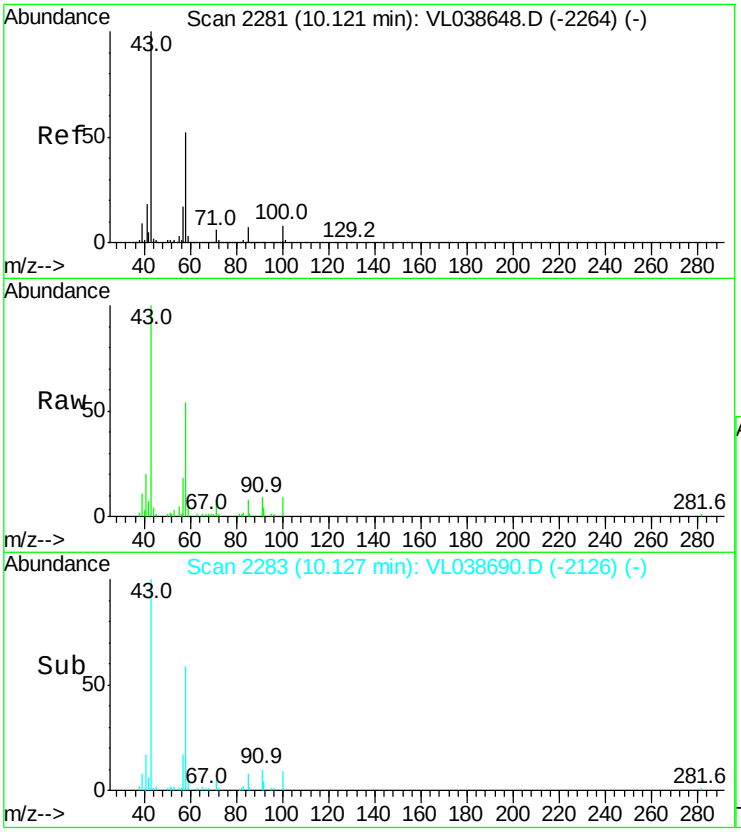




#44
2,2,4-Trimethylpentane
Concen: 0.09 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. -0.00 min
Lab File: VL038690.D
Acq: 22 Mar 2022 19:05

Tgt Ion: 57 Resp: 25363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 70.0 | 23.0 | 34.4# |
| 56 | 63.2 | 25.3 | 37.9# |



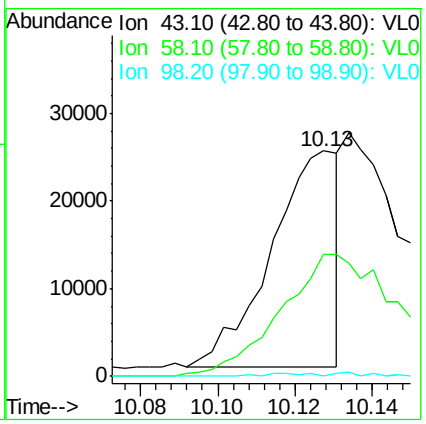


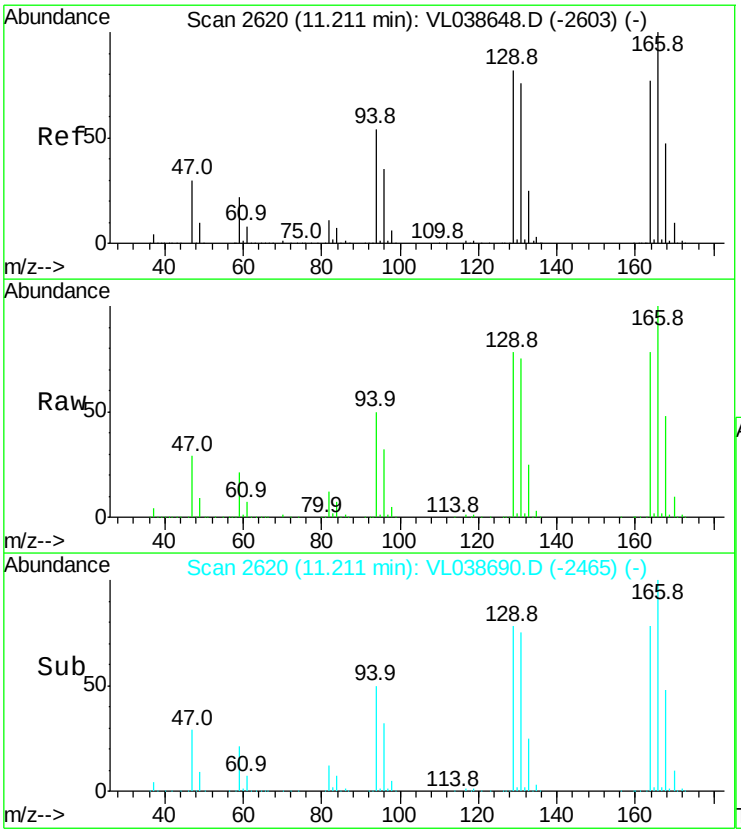

#51
2-Hexanone
Concen: 0.25 ppbv
RT: 10.13
Delta R.T
Lab File:
Acq: 22 Mar 2022 19:05

**Instrument :** MSVOA_L
**ClientSampleId :** C0P75

Tgt Ion: 43 Resp: 29884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 116.9 | 41.2 | 61.8# |
| 98 | 0.0 | 0.2 | 0.4# |

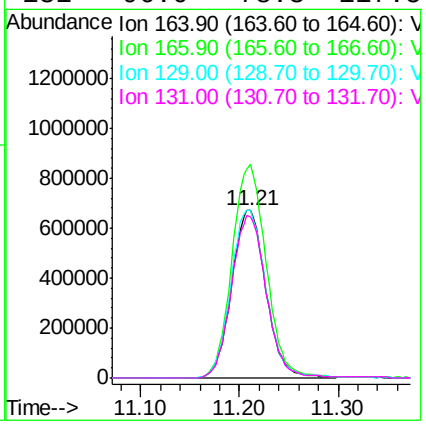


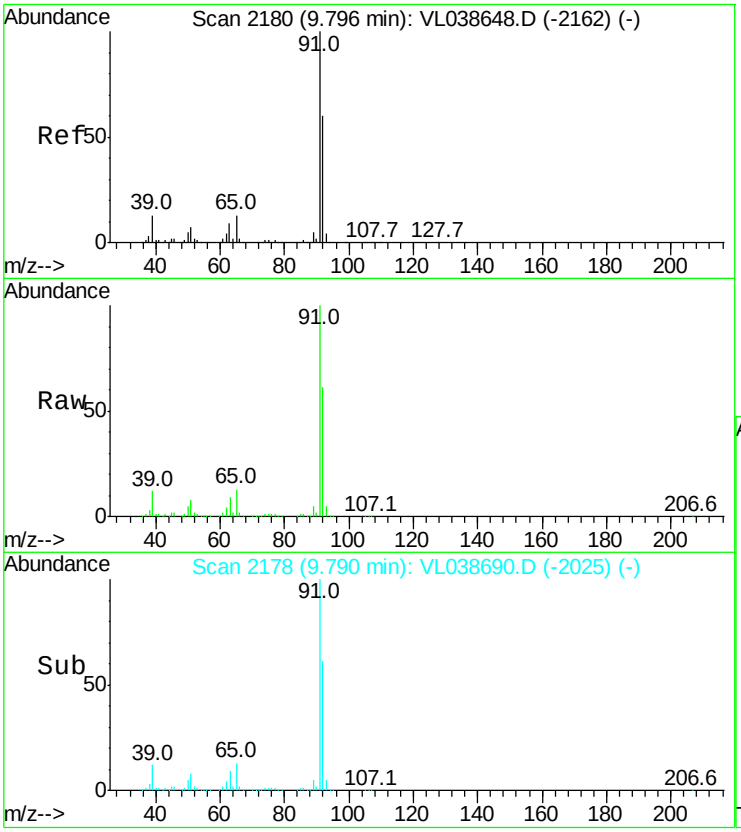




#52
Tetrachloroethene
Concen: 25.62 ppbv
RT: 11.21 min Scan# 2620
Delta R.T. -0.00 min
Lab File: VL038690.D
Acq: 22 Mar 2022 19:05

Tgt Ion:164 Resp: 1619760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 127.4 | 103.3 | 154.9 |
| 129 | 100.0 | 85.2 | 127.8 |
| 131 | 96.0 | 78.3 | 117.5 |



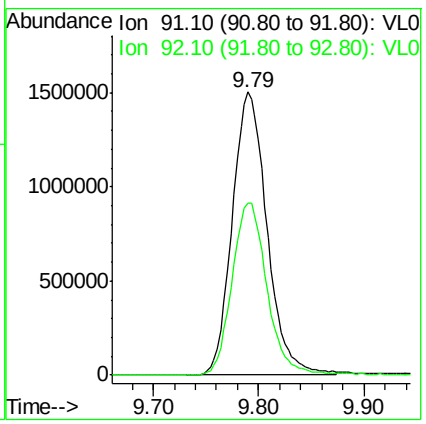


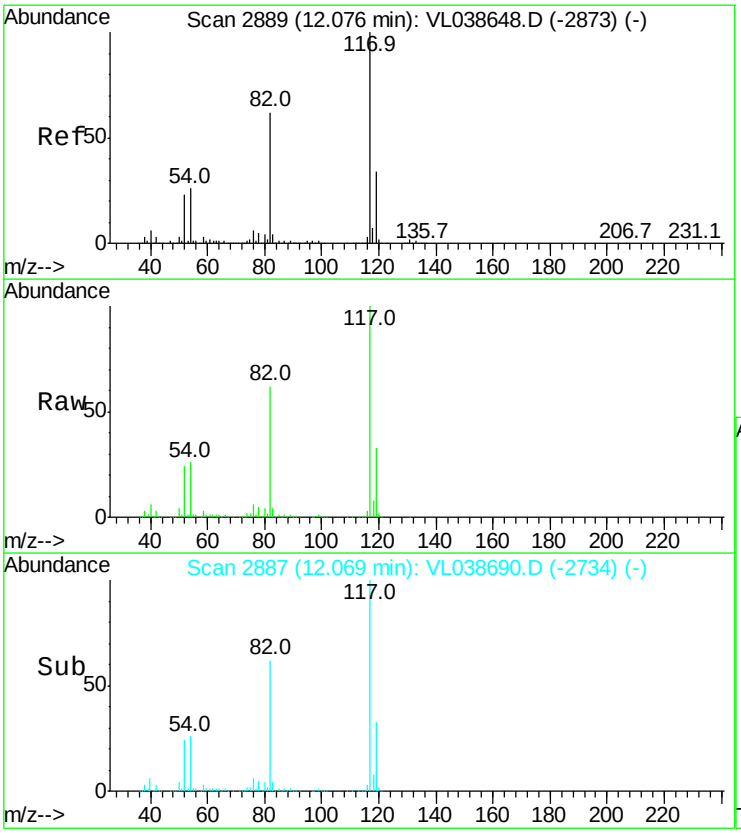

#53
Toluene
Concen: 18.52 ppbv
RT: 9.79
Delta R.T
Lab File:
Acq: 22 Mar 2022 19:05

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P75

Tgt Ion: 91 Resp: 3438115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 62.0 | 48.7 | 73.1 |

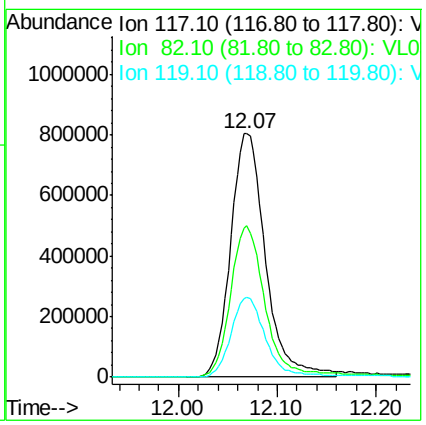


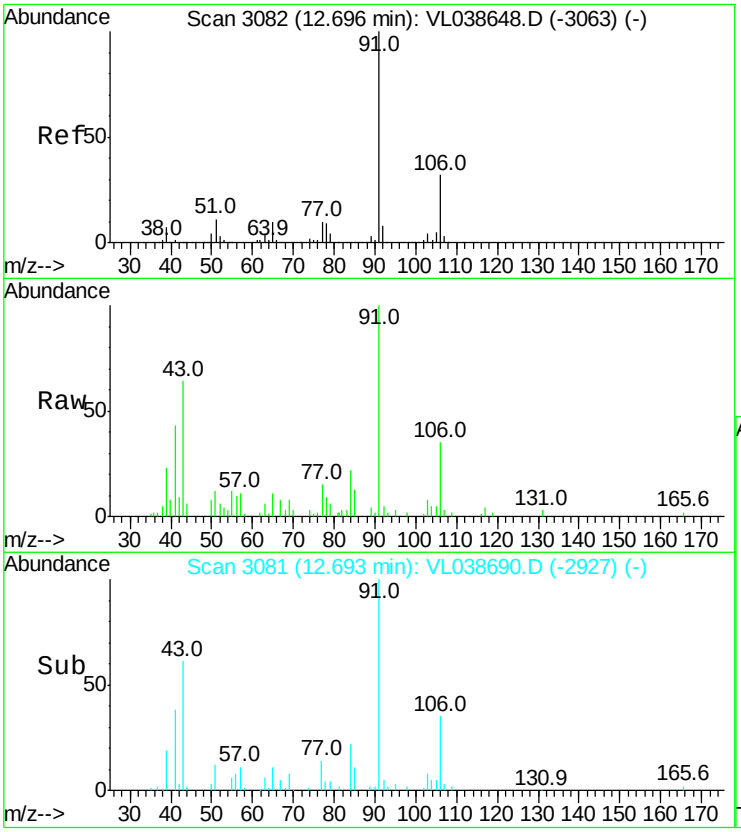




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.01 min
Lab File: VL038690.D
Acq: 22 Mar 2022 19:05

Tgt Ion:117 Resp: 1977975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 63.4 | 51.6 | 77.4 |
| 119 | 33.9 | 26.9 | 40.3 |



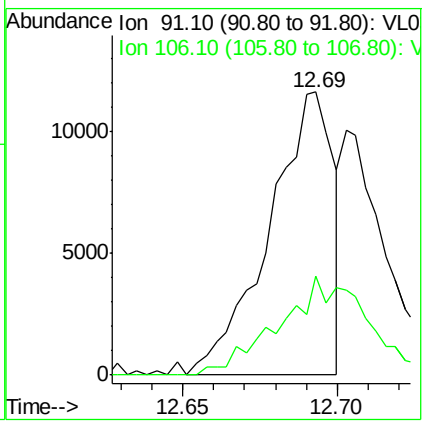


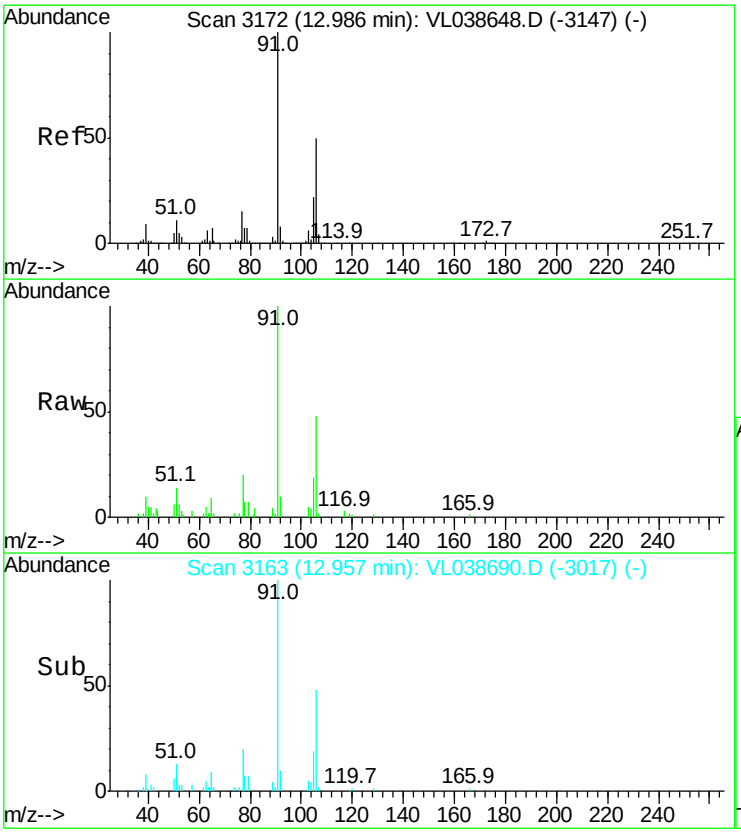

#58
Ethyl Benzene
Concen: 0.07 ppbv
RT: 12.69
Delta R.T
Lab File:
Acq: 22 Mar 2022 19:05

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P75

Tgt Ion: 91 Resp: 16678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 37.7 | 25.4 | 38.0 |

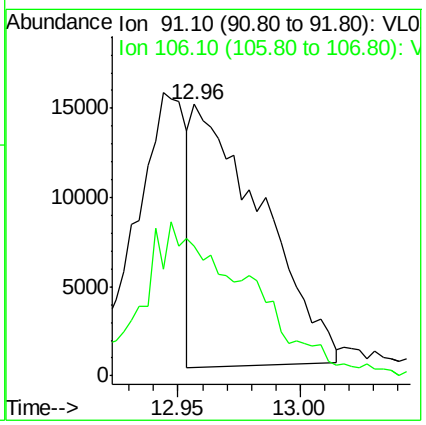


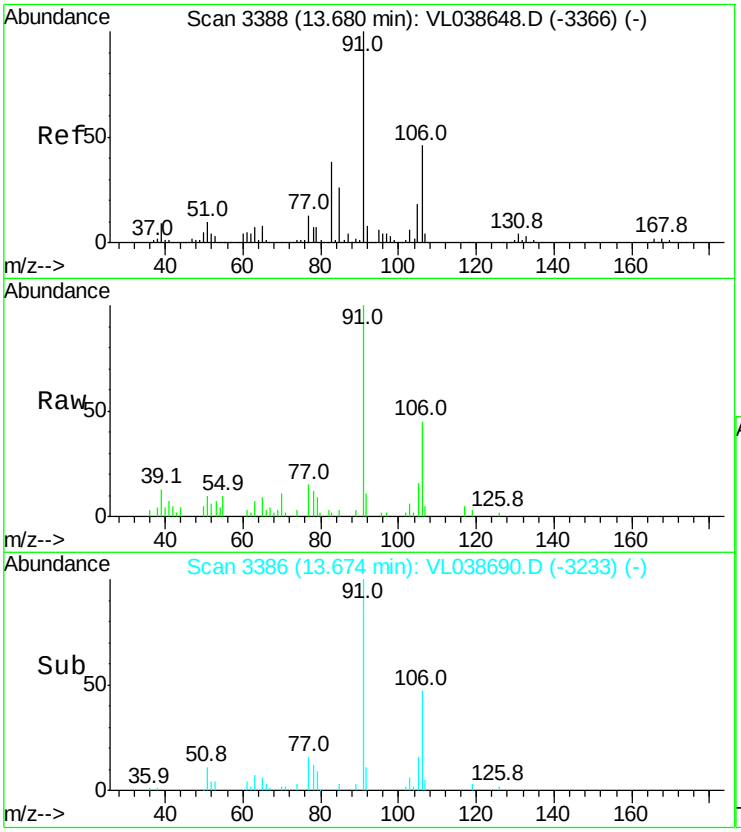




#59
m/p-Xylene
Concen: 0.14 ppbv
RT: 12.96 min Scan# 3163
Delta R.T. -0.03 min
Lab File: VL038690.D
Acq: 22 Mar 2022 19:05

Tgt Ion: 91 Resp: 29140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 0.0 | 37.2 | 55.8# |



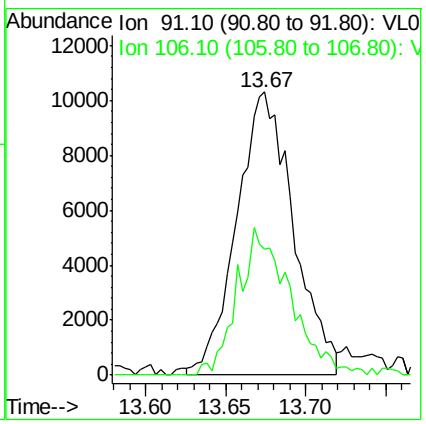


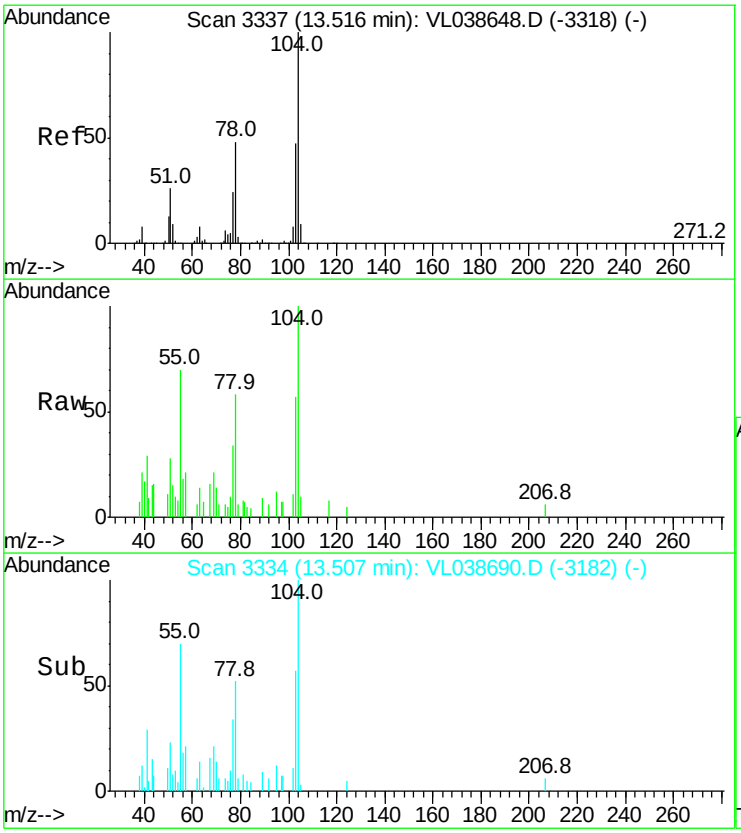

#60
o-Xylene
Concen: 0.13 ppbv
RT: 13.67
Delta R.T
Lab File:
Acq: 22 Mar 2022 19:05

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P75

Tgt Ion: 91 Resp: 25144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 48.9 | 23.5 | 70.5 |

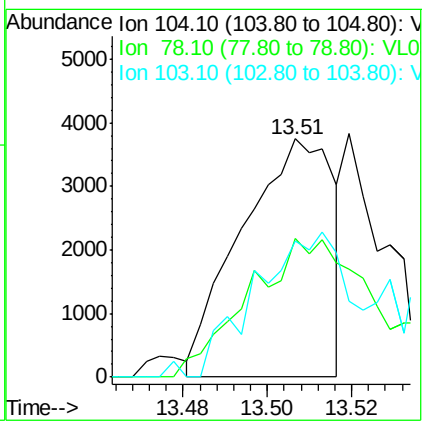


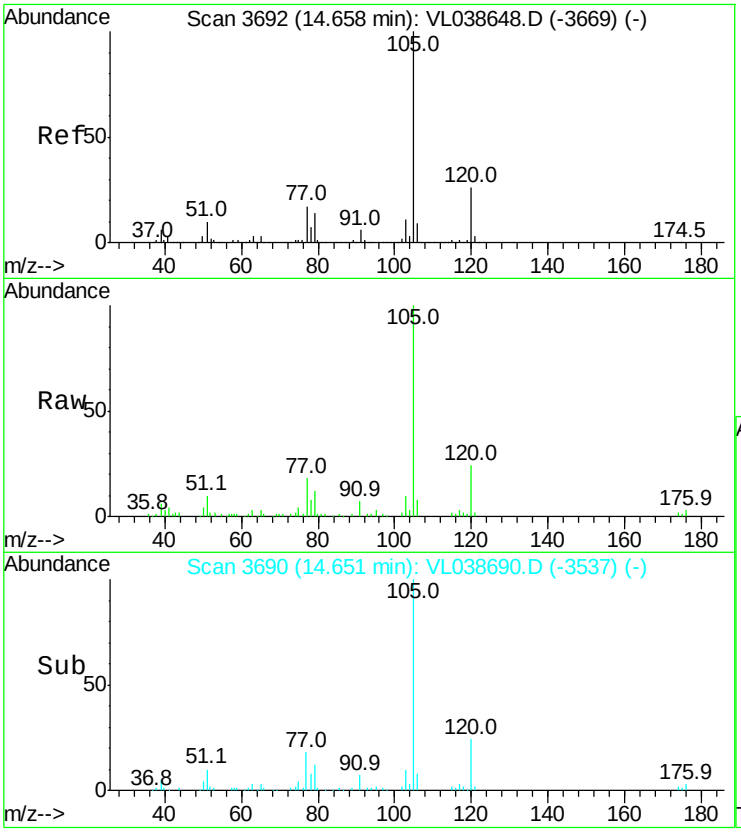




#61
Styrene
Concen: 0.05 ppbv
RT: 13.51 min Scan# 3334
Delta R.T. -0.01 min
Lab File: VL038690.D
Acq: 22 Mar 2022 19:05

Tgt Ion:104 Resp: 5649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 89.2 | 39.0 | 58.4# |
| 103 | 0.0 | 37.8 | 56.8# |



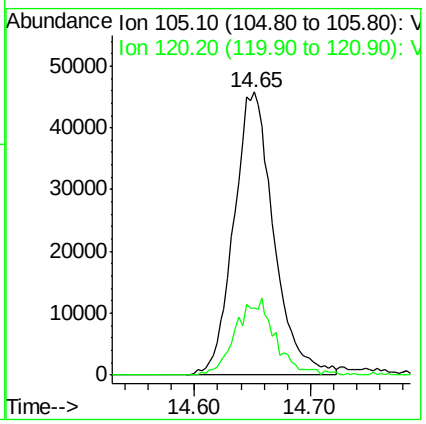


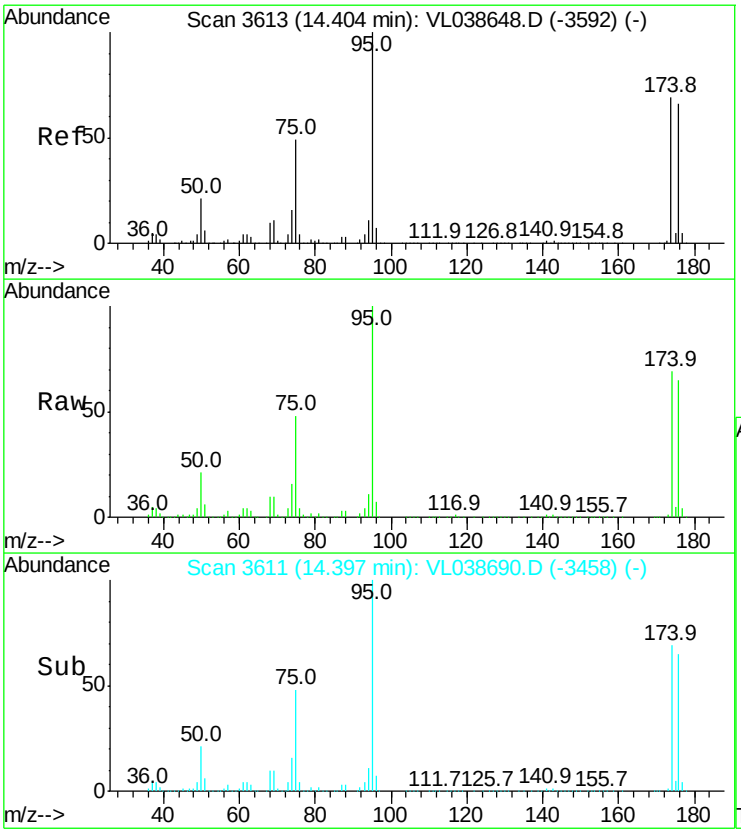

#62
Isopropylbenzene
Concen: 0.38 ppbv
RT: 14.65
Delta R.T
Lab File:
Acq: 22 Mar 2022 19:05

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P75

Tgt Ion:105 Resp: 109681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.0 | 21.2 | 31.8 |

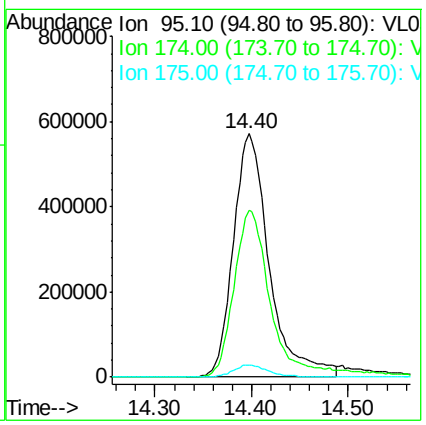


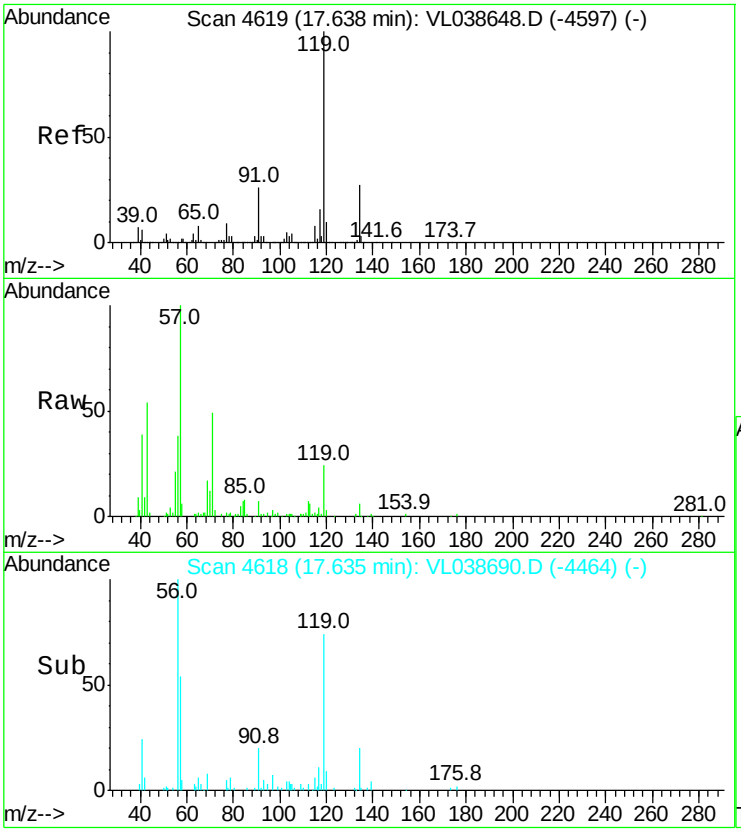




#68
1-Bromo-4-Fluorobenzene
Concen: 9.73 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. -0.01 min
Lab File: VL038690.D
Acq: 22 Mar 2022 19:05

Tgt Ion: 95 Resp: 1476163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 72.7 | 56.1 | 84.1 |
| 175 | 5.1 | 4.2 | 6.2 |



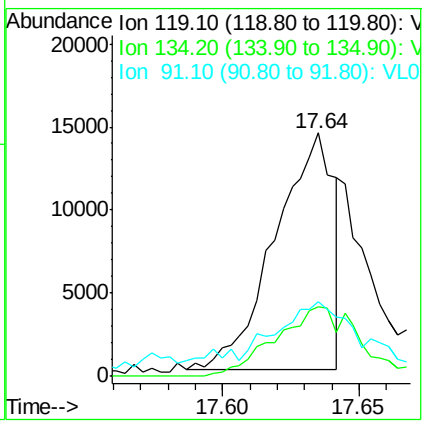


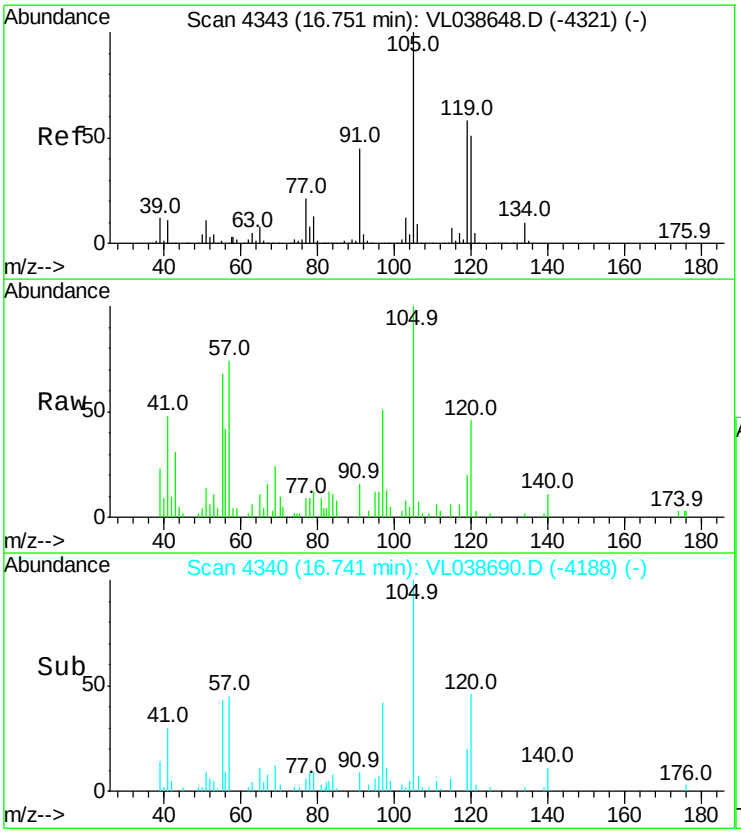

#69
p-Isopropyltoluene
Concen: 0.07 ppbv
RT: 17.64
Delta R.T
Lab File:
Acq: 22 Mar 2022 19:05

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P75

Tgt Ion:119 Resp: 21374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 41.5 | 21.2 | 31.8# |
| 91 | 55.7 | 21.4 | 32.2# |




#74
1,2,4-Trimethylbenzene
Concen: 0.10 ppbv
RT: 16.74 min Scan# 4340
Delta R.T. -0.01 min
Lab File: VL038690.D
Acq: 22 Mar 2022 19:05

Tgt Ion:105 Resp: 22882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.1 | 40.5 | 60.7 |
| 91 | 16.2 | 35.9 | 53.9# |
| 77 | 13.2 | 16.6 | 25.0# |