Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL050318\

Quantitation Report (Not Reviewed)

Data File : VL031970.D
Acq On : 3 May 2018 19:57
Operator : SY/AP
Sample : J2629-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** IA2

Quant Time: May 04 03:26:45 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL050318AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 03 15:52:13 2018
QLast Update : Thu May 03 15:52:13 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.89 | 49 | 1071796 | 10.00 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.42 | 114 | 2493072 | 10.00 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.39 | 117 | 2149074 | 10.00 | ppbv | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.72 | 95 | 1720849 | 10.33 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 103.30% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.16 | 85 | 42640 | 0.30 | ppbv | | 95 |
| 3) Chlorodifluoromethane | 3.07 | 51 | 257073 | 2.55 | ppbv | # | 63 |
| 4) Chloromethane | 3.26 | 50 | 39040 | 0.73 | ppbv | | 92 |
| 6) Bromomethane | 3.61 | 94 | 930 | 0.02 | ppbv | # | 23 |
| 7) Chloroethane | 3.69 | 64 | 693 | 0.03 | ppbv | # | 86 |
| 8) Dichlorotetrafluoroethane | 3.30 | 85 | 1973 | 0.01 | ppbv | # | 63 |
| 9) Propene | 3.14 | 41 | 11232 | 0.30 | ppbv | | 99 |
| 10) Heptane | 8.38 | 43 | 10756 | 0.08 | ppbv | # | 74 |
| 12) 1,1,2-Trichlorotrifluoroet | 4.67 | 101 | 8479 | 0.07 | ppbv | | 88 |
| 13) Ethanol | 3.75 | 45 | 882091 | 63.91 | ppbv | # | 100 |
| 15) Acetone | 4.00 | 43 | 696213 | 4.60 | ppbv | | 98 |
| 16) 1,3-Butadiene | 3.43 | 39 | 2846 | 0.06 | ppbv | # | 8 |
| 17) tert-Butyl alcohol | 4.93 | 59 | 18695 | 0.30 | ppbv | | 96 |
| 19) Isopropyl Alcohol | 4.13 | 45 | 505113 | 6.17 | ppbv | # | 98 |
| 20) Methylene Chloride | 4.52 | 84 | 154200 | 3.02 | ppbv | | 99 |
| 23) Vinyl Acetate | 5.26 | 43 | 60304 | 0.35 | ppbv | # | 86 |
| 25) Ethyl Acetate | 5.90 | 43 | 181588 | 0.70 | ppbv | # | 83 |
| 26) Hexane | 5.90 | 57 | 233595 | 1.91 | ppbv | # | 47 |
| 29) Chloroform | 5.97 | 83 | 6750 | 0.03 | ppbv | | 95 |
| 30) Cyclohexane | 7.39 | 84 | 1582 | 0.02 | ppbv | # | 1 |
| 32) 1,1,1-Trichloroethane | 6.75 | 97 | 16619 | 0.09 | ppbv | # | 23 |
| 34) 2-Butanone | 5.45 | 43 | 76995 | 0.37 | ppbv | | 99 |
| 35) Carbon Tetrachloride | 7.26 | 117 | 8210 | 0.04 | ppbv | # | 80 |
| 36) Benzene | 7.14 | 78 | 17921 | 0.08 | ppbv | # | 69 |
| 37) 1,2-Dichloroethane | 6.53 | 62 | 3790 | 0.02 | ppbv | | 97 |
| 39) 1,2-Dichloropropane | 7.42 | 63 | 655204 | 8.01 | ppbv | # | 24 |
| 41) Tetrahydrofuran | 6.29 | 42 | 1029 | 0.01 | ppbv | # | 1 |
| 52) Tetrachloroethene | 11.52 | 164 | 1052 | 0.01 | ppbv | # | 41 |
| 53) Toluene | 10.09 | 91 | 24285 | 0.10 | ppbv | # | 35 |
| 58) Ethyl Benzene | 13.00 | 91 | 6908 | 0.02 | ppbv | | 91 |
| 59) m/p-Xylene | 13.29 | 91 | 6508 | 0.02 | ppbv | # | 31 |
| 60) o-Xylene | 14.00 | 91 | 28944 | 0.11 | ppbv | | 98 |
| 61) Styrene | 13.83 | 104 | 1532 | 0.03 | ppbv | # | 26 |
| 66) Benzyl Chloride | 17.30 | 91 | 393 | 0.01 | ppbv | # | 67 |
| 73) 1,3,5-Trimethylbenzene | 16.30 | 105 | 2607 | 0.01 | ppbv | # | 59 |
| 74) 1,2,4-Trimethylbenzene | 17.07 | 105 | 9504 | 0.03 | ppbv | # | 70 |
| 80) Naphthalene,2-methyl- | 25.23 | 142 | 2209 | 0.05 | ppbv | | 93 |

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

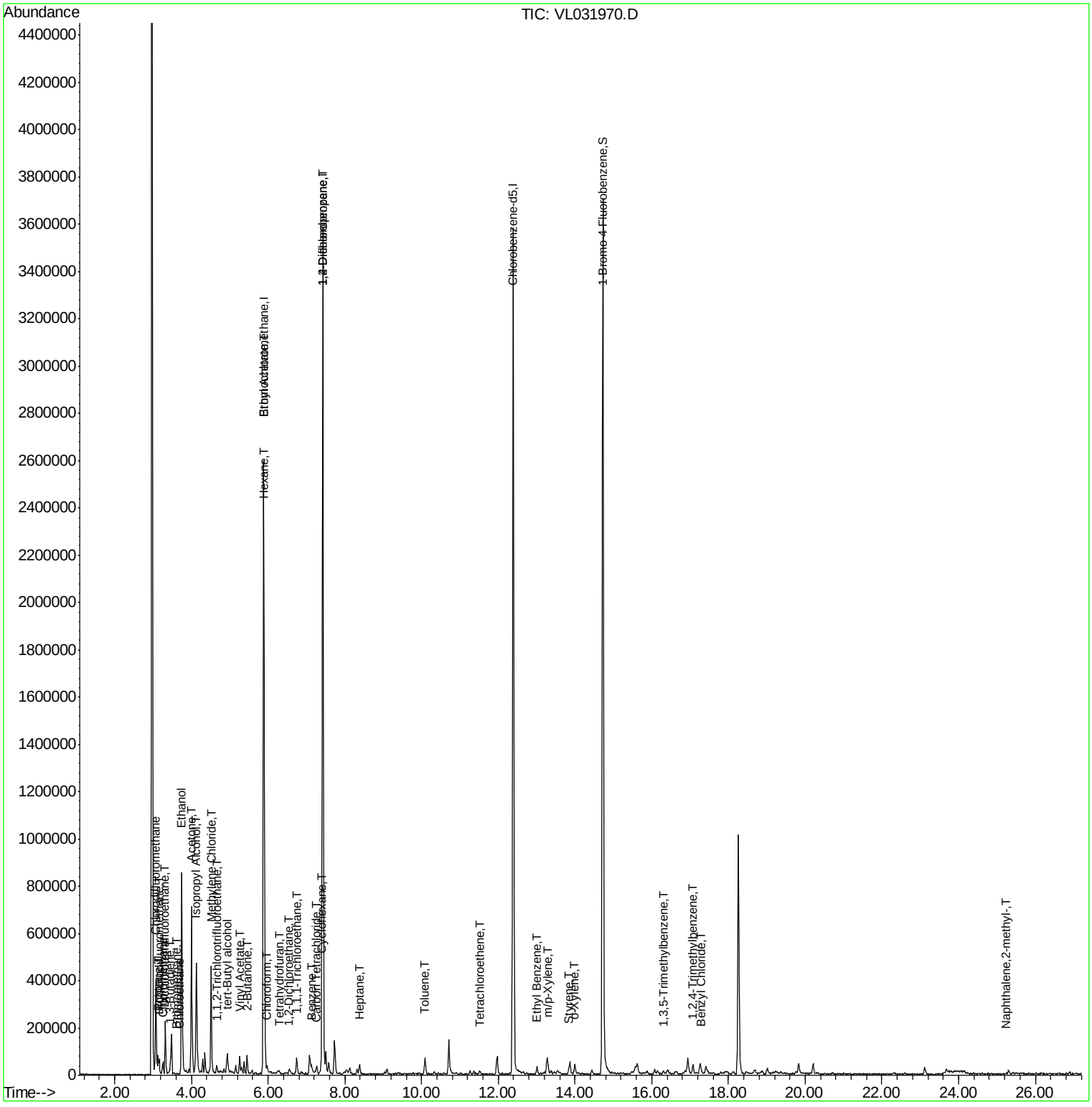
Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL050318\

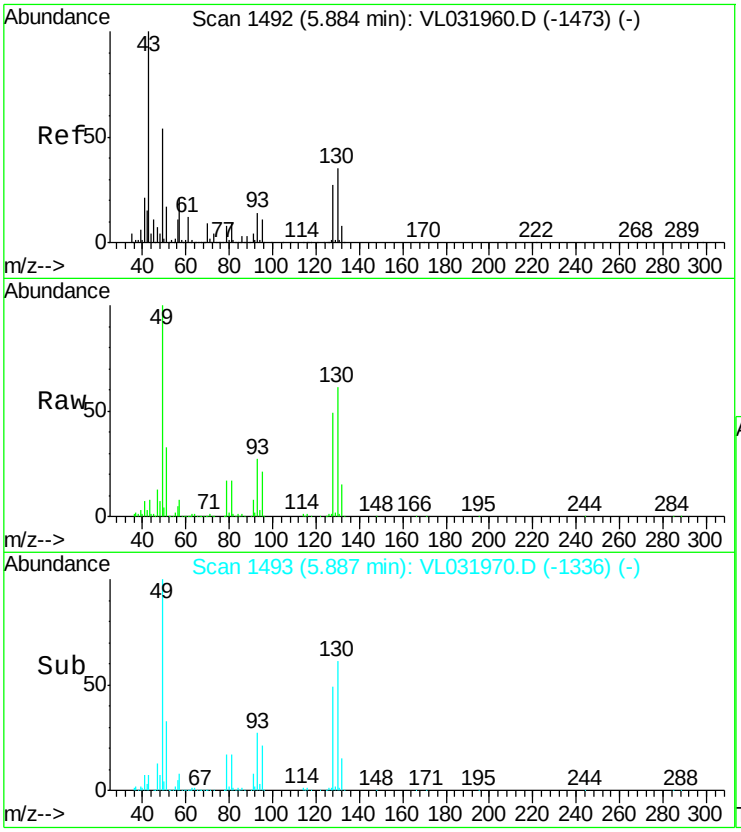
Quantitation Report (Not Reviewed)

Data File : VL031970.D
Acq On : 3 May 2018 19:57
Operator : SY/AP
Sample : J2629-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** IA2

Quant Time: May 04 03:26:45 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL050318AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 03 15:52:13 2018
QLast Update : Thu May 03 15:52:13 2018
Response via : Initial Calibration



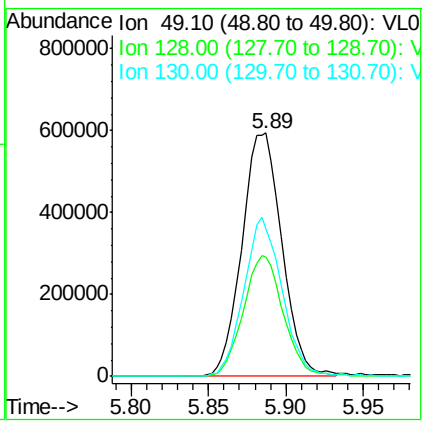


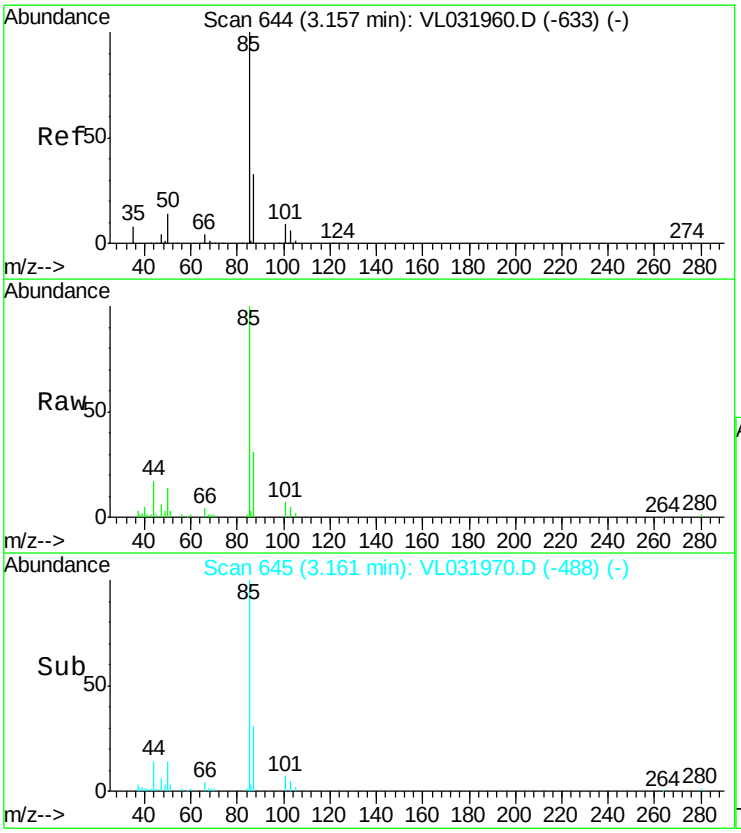

#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.89 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA2

Tgt Ion: 49 Resp: 1071796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 49.8 | 24.1 | 72.3 |
| 130 | 62.5 | 30.7 | 92.1 |

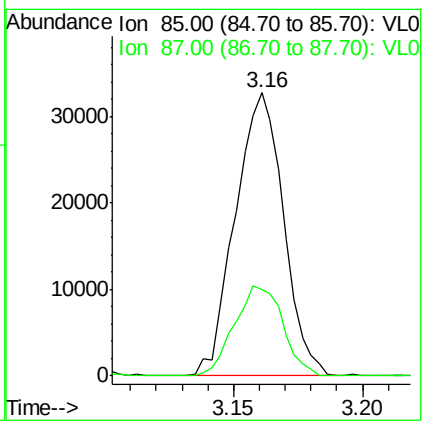


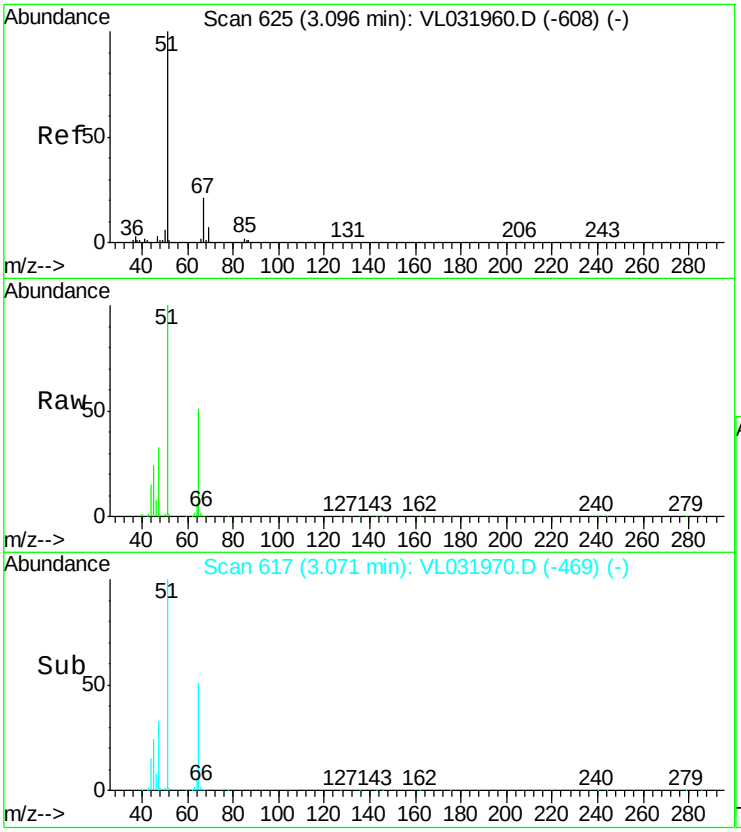




#2
Dichlorodifluoromethane
Concen: 0.30 ppbv
RT: 3.16 min Scan# 645
Delta R.T. 0.00 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

Tgt Ion: 85 Resp: 42640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 30.6 | 26.8 | 40.2 |



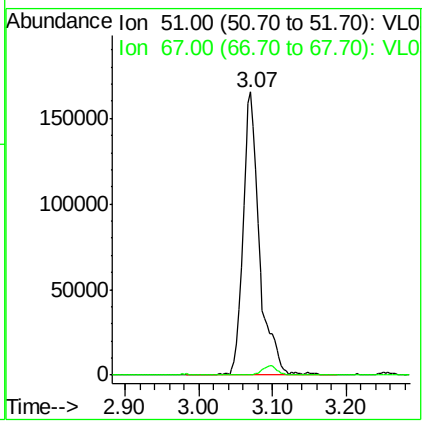


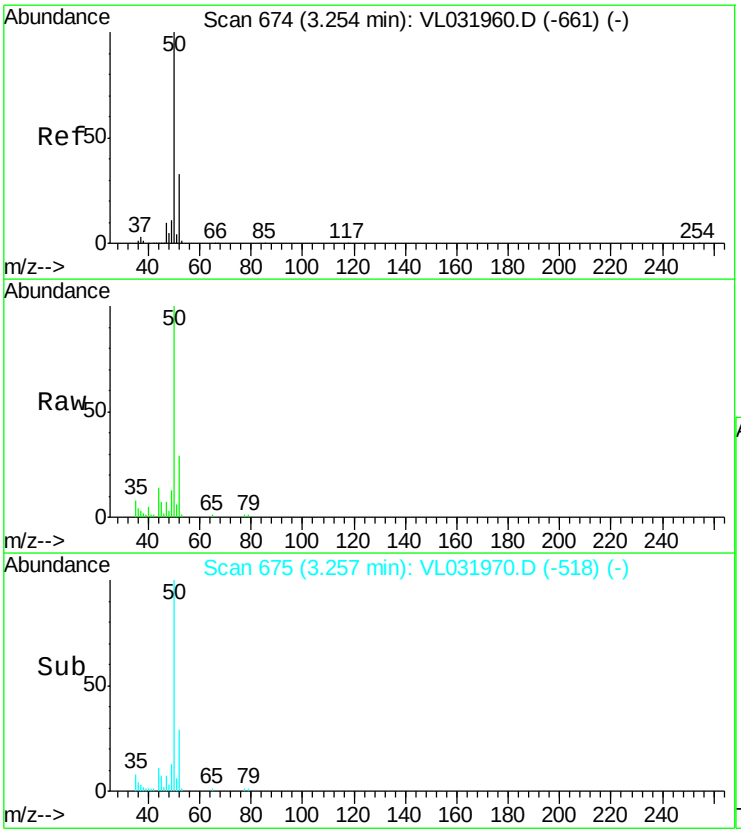

#3
Chlorodifluoromethane
Concen: 2.55 ppbv
RT: 3.07 min Scan# 617
Delta R.T. -0.03 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

**Instrument :** MSVOA_L
**ClientSampleId :** IA2

Tgt Ion: 51 Resp: 257073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 51 | 100 | | |
| 67 | 3.0 | 15.9 | 23.9# |

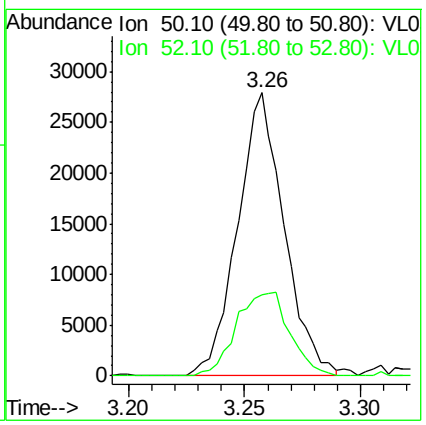


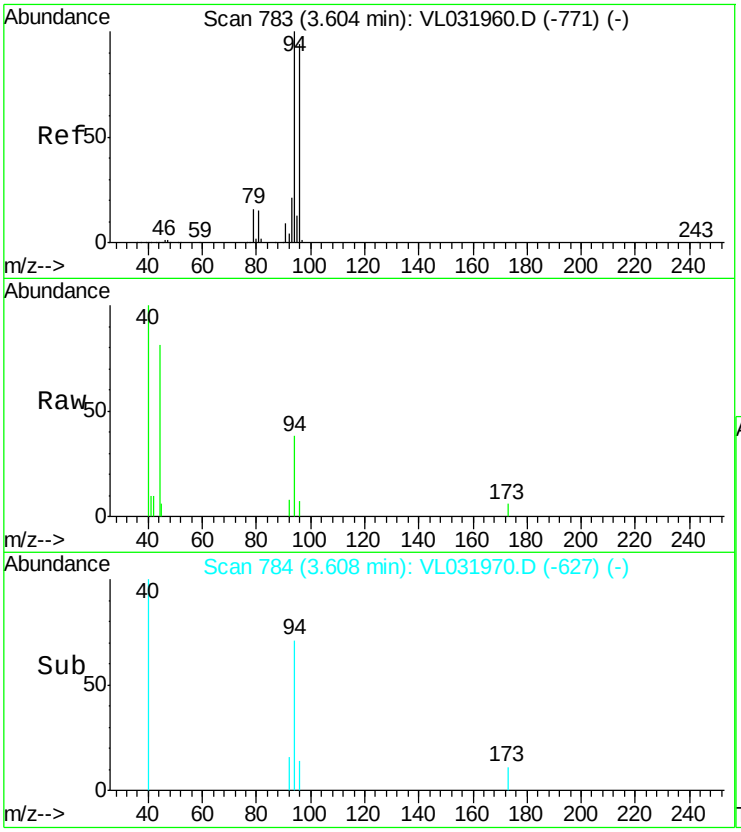




#4
Chloromethane
Concen: 0.73 ppbv
RT: 3.26 min Scan# 675
Delta R.T. 0.00 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

Tgt Ion: 50 Resp: 39040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 28.8 | 26.6 | 39.8 |



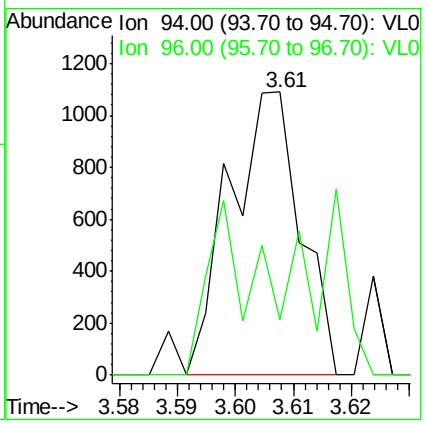


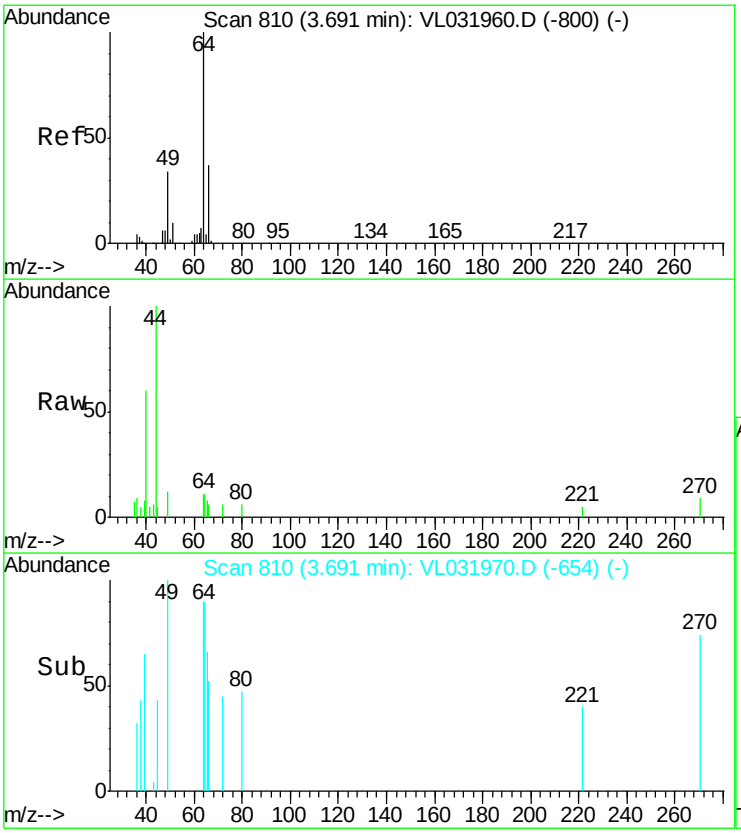

#6
Bromomethane
Concen: 0.02 ppbv
RT: 3.61 min Scan# 784
Delta R.T. 0.00 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA2

Tgt Ion: 94 Resp: 930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 19.4 | 75.5 | 113.3# |

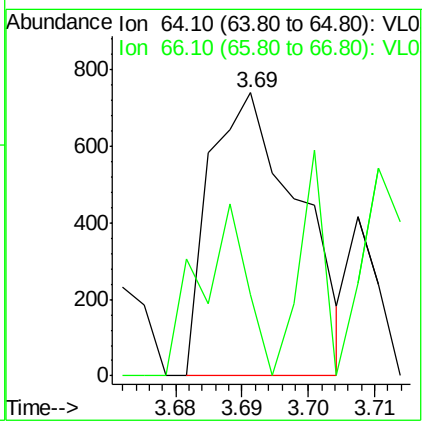


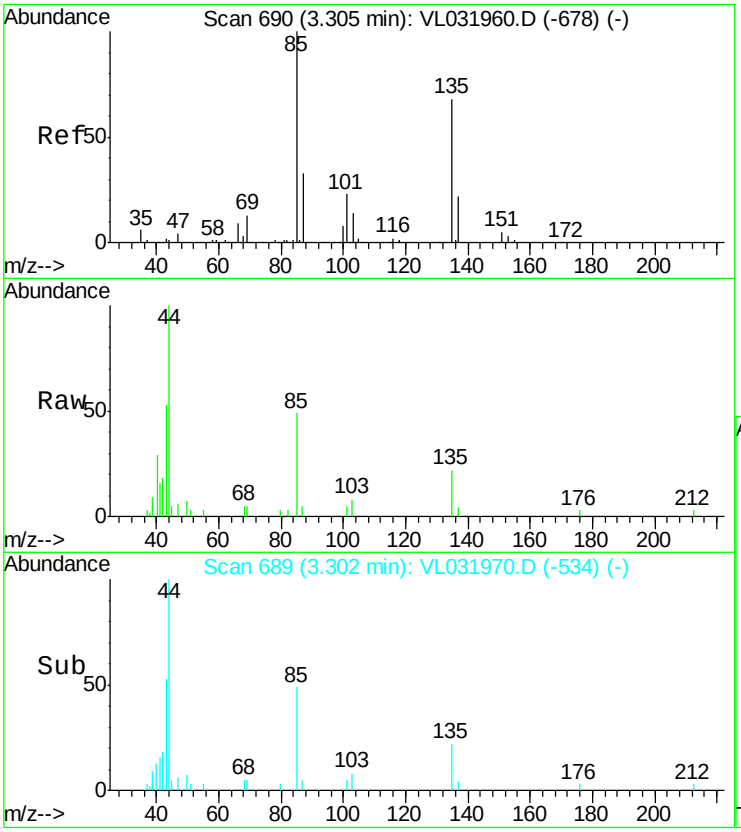




#7
Chloroethane
Concen: 0.03 ppbv
RT: 3.69 min Scan# 810
Delta R.T. 0.00 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

Tgt Ion: 64 Resp: 693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 28.8 | 29.6 | 44.4# |



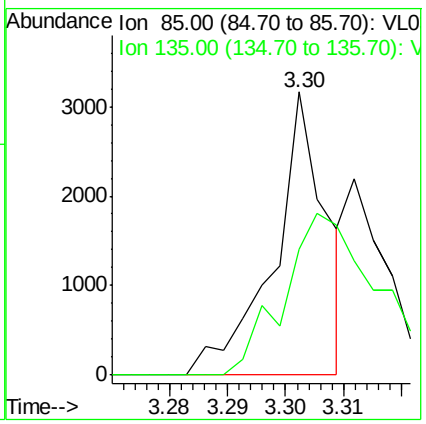


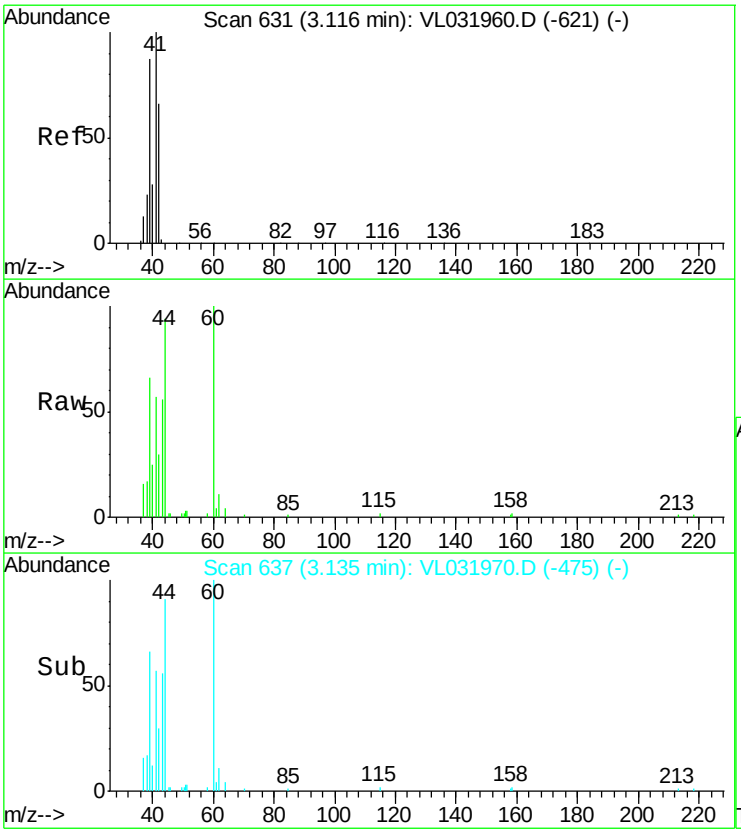

#8
Dichlorotetrafluoroethane
Concen: 0.01 ppbv
RT: 3.30 min Scan# 689
Delta R.T. -0.00 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA2

Tgt Ion: 85 Resp: 1973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 135 | 98.3 | 54.8 | 82.2# |

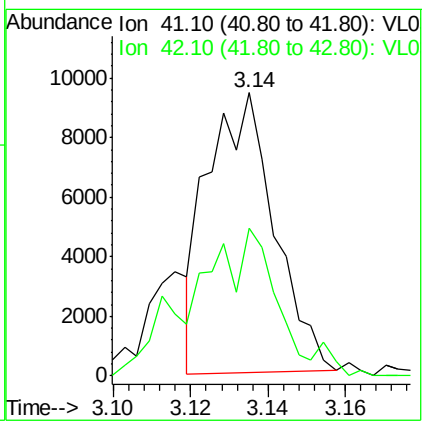


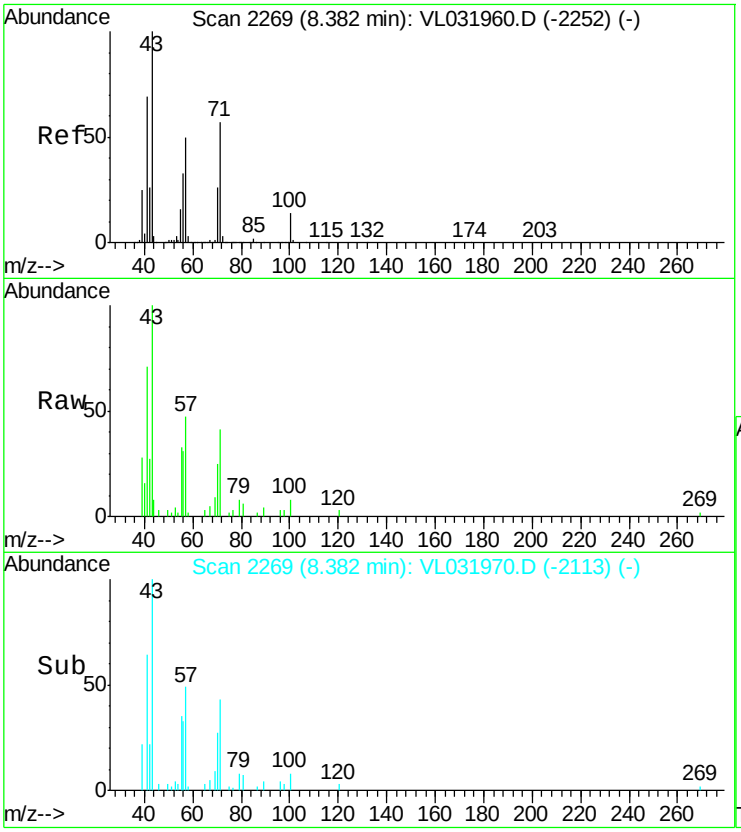




#9
Propene
Concen: 0.30 ppbv
RT: 3.14 min Scan# 637
Delta R.T. 0.02 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

Tgt Ion: 41 Resp: 11232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 68.4 | 53.9 | 80.9 |



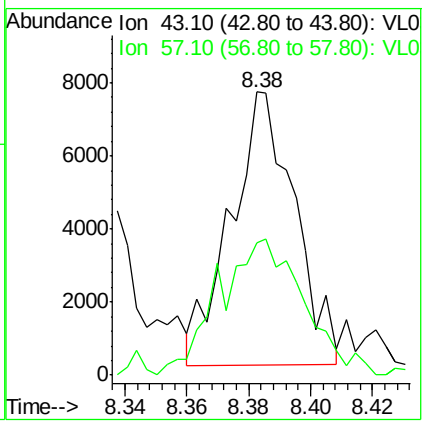


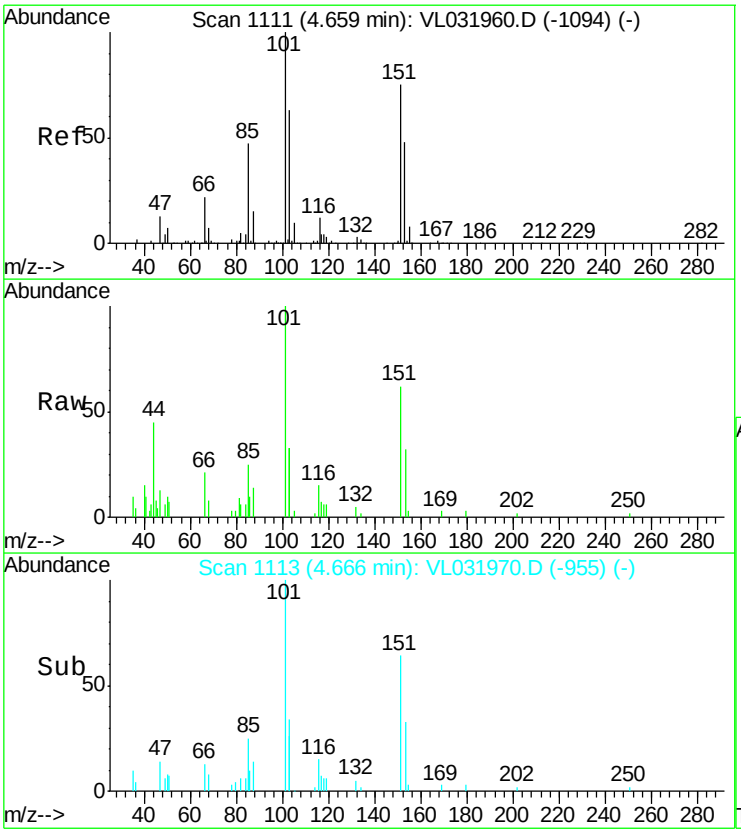

#10
Heptane
Concen: 0.08 ppbv
RT: 8.38 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA2

Tgt Ion: 43 Resp: 10756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 69.1 | 40.7 | 61.1# |

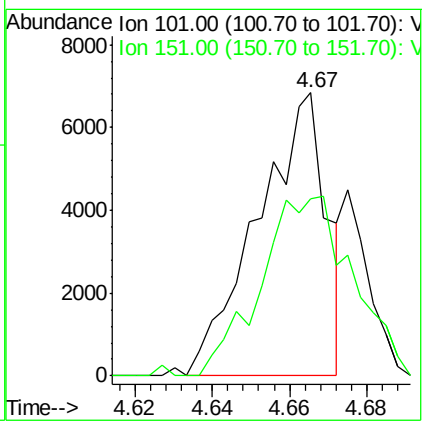


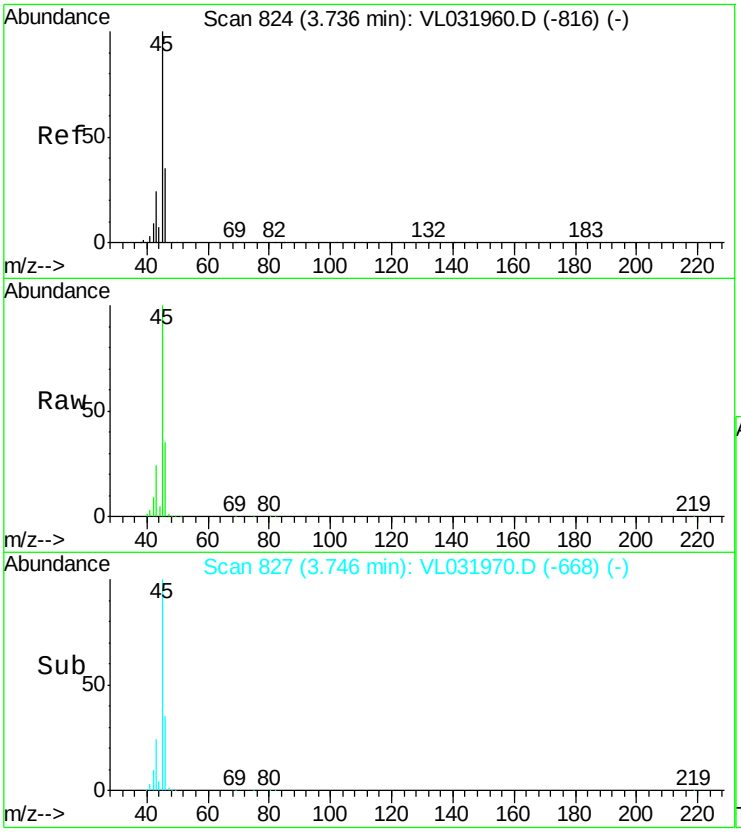




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.07 ppbv
RT: 4.67 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

Tgt Ion:101 Resp: 8479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 151 | 85.0 | 60.2 | 90.2 |



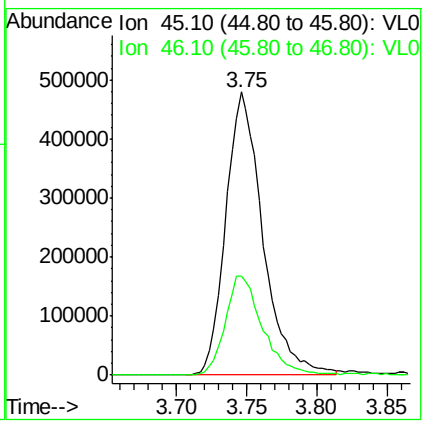


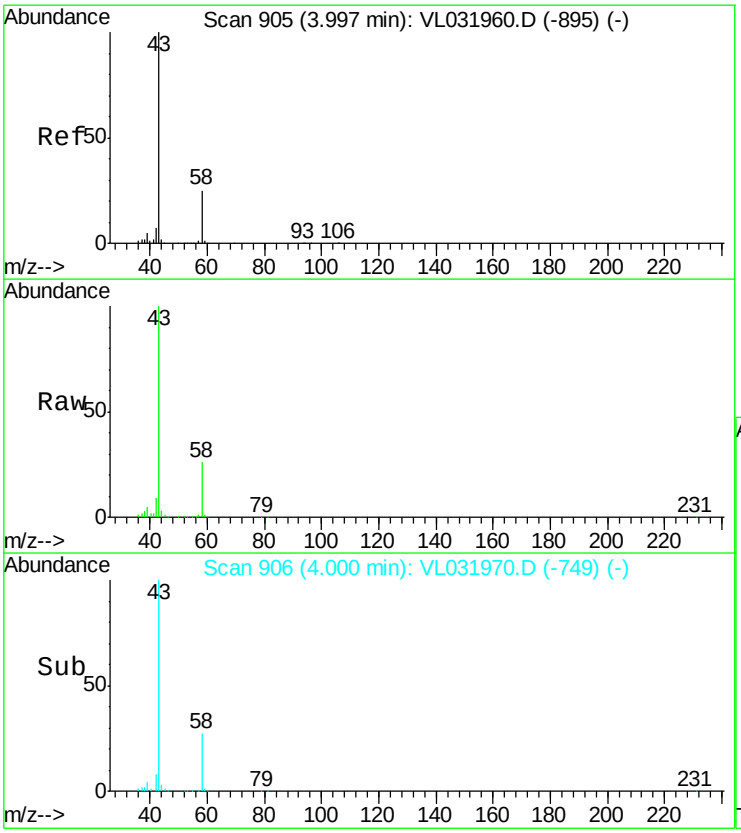

#13
Ethanol
Concen:  63.91 ppbv
RT: 3.75 min  Scan# 827
Delta R.T.  0.01 min
Lab File:  VL031970.D
Acq:  3 May 2018  19:57

**Instrument :** MSVOA_L
**ClientSampleId :** IA2

Tgt Ion: 45 Resp:  882091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 35.7 | 0.0 | 0.0# |

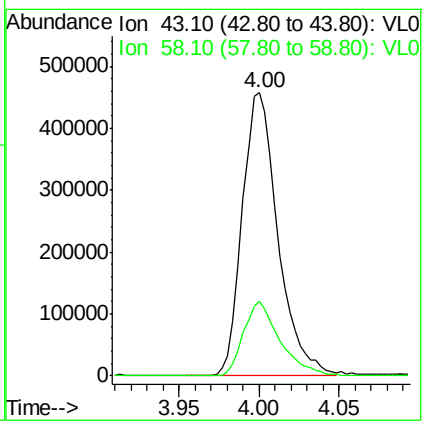


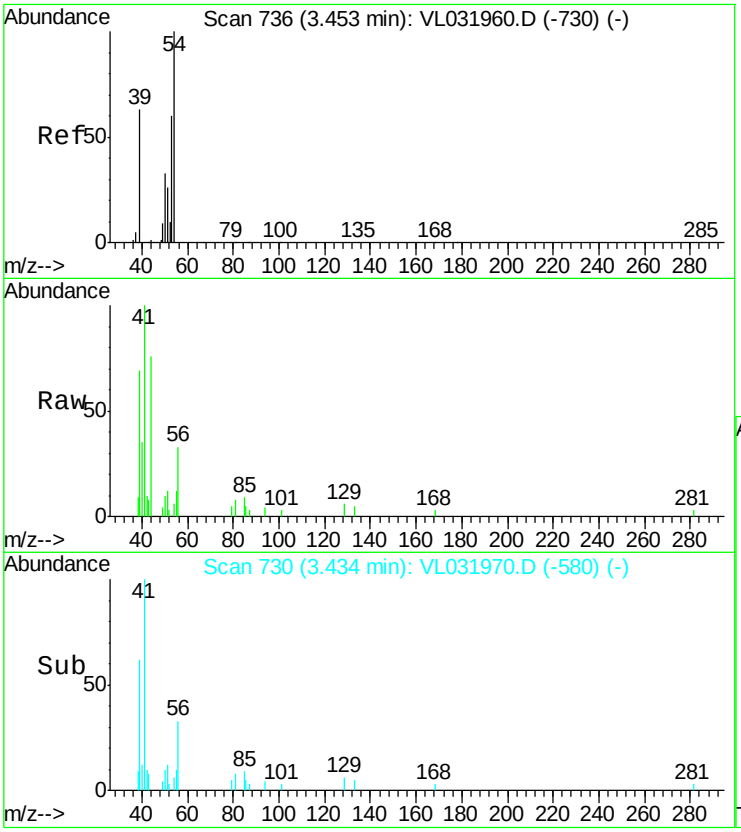




#15
Acetone
Concen:  4.60 ppbv
RT: 4.00 min  Scan# 906
Delta R.T.  0.00 min
Lab File:  VL031970.D
Acq:  3 May 2018  19:57

Tgt Ion: 43 Resp:  696213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.3 | 21.1 | 31.7 |



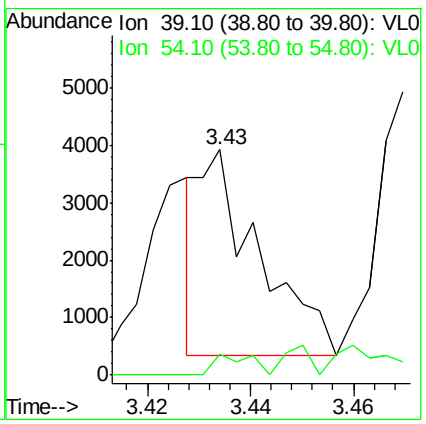


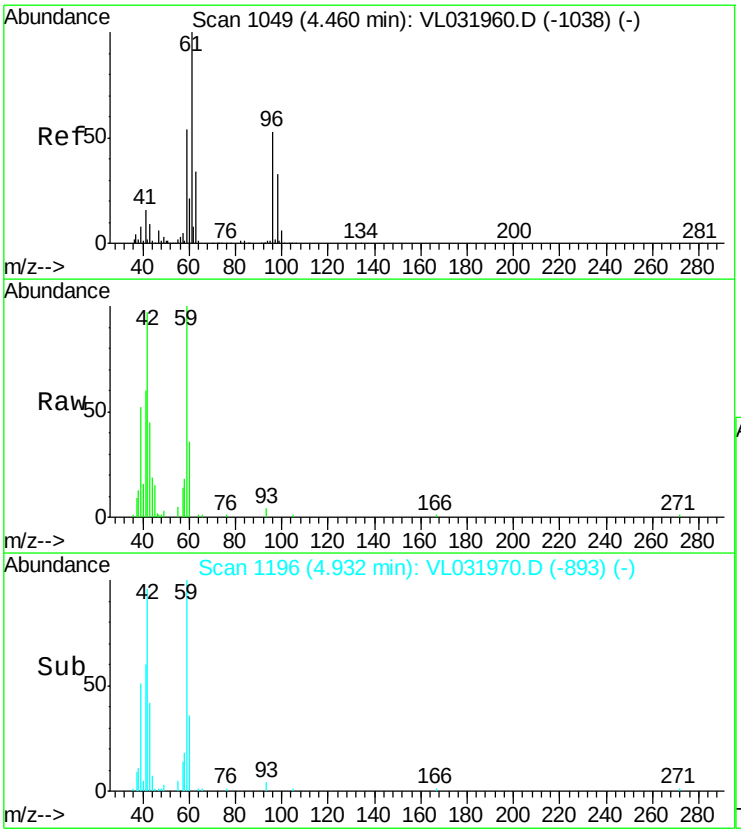

#16
1,3-Butadiene
Concen: 0.06 ppbv
RT: 3.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA2

Tgt Ion: 39 Resp: 2846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 0.0 | 66.2 | 99.2# |

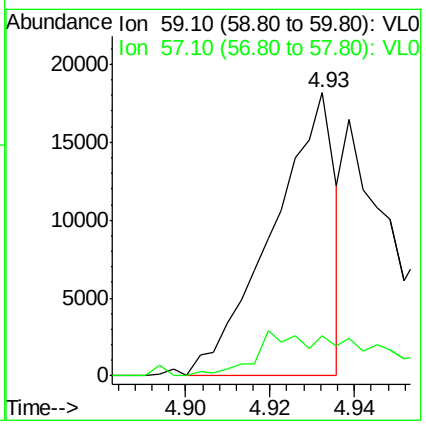


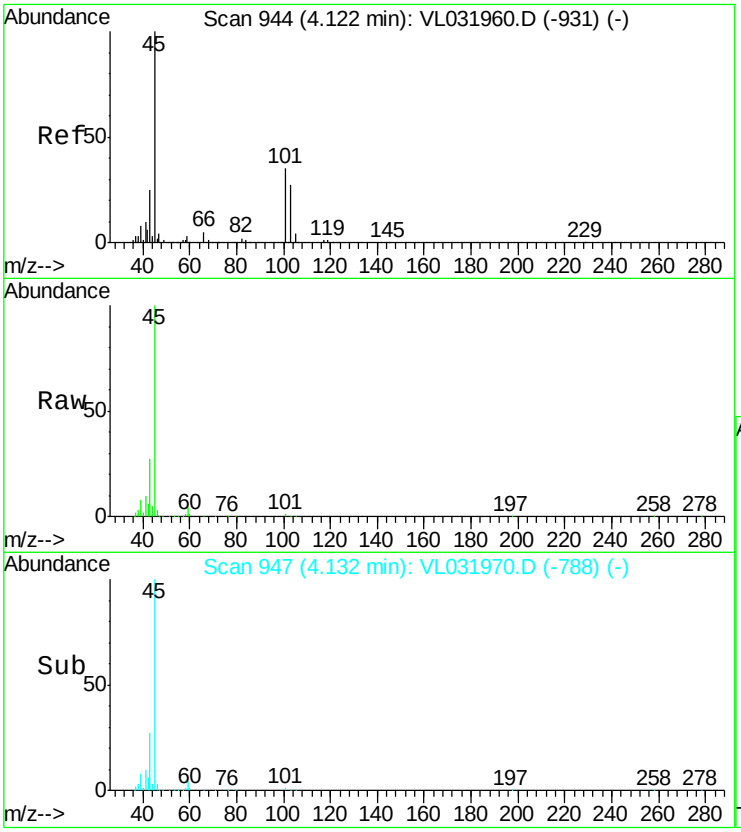




#17
tert-Butyl alcohol
Concen: 0.30 ppbv
RT: 4.93 min Scan# 1196
Delta R.T. 0.47 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

Tgt Ion: 59 Resp: 18695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 11.9 | 8.3 | 12.5 |



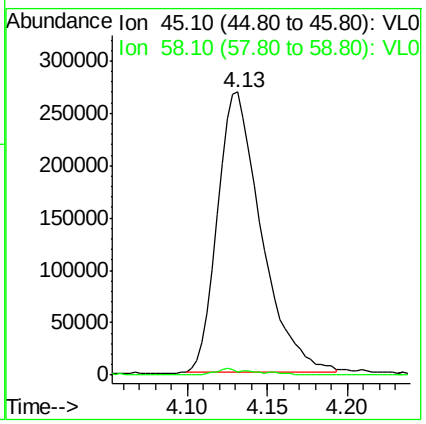


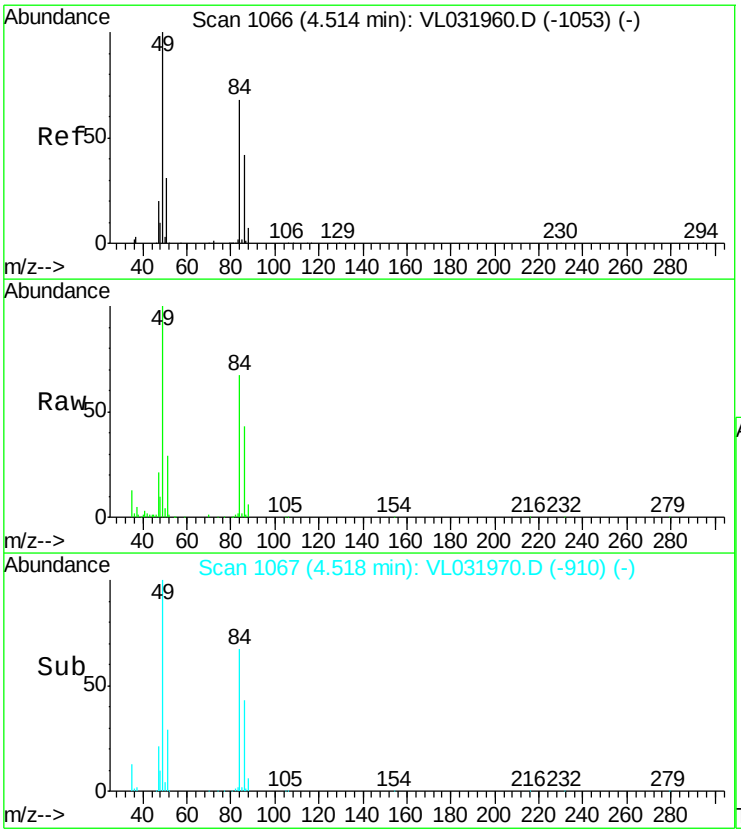

#19
Isopropyl Alcohol
Concen: 6.17 ppbv
RT: 4.13 min Scan# 947
Delta R.T. 0.01 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

**Instrument :** MSVOA_L
**ClientSampleId :** IA2

Tgt Ion: 45 Resp: 505113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 2.4 | 1.4 | 2.2# |

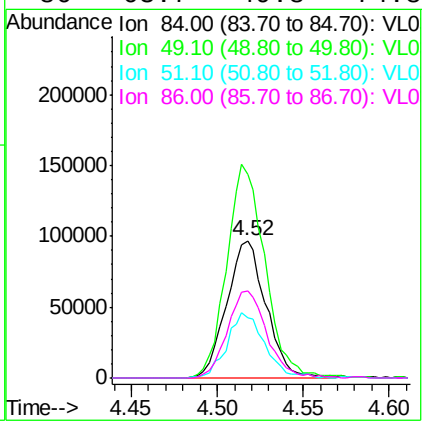


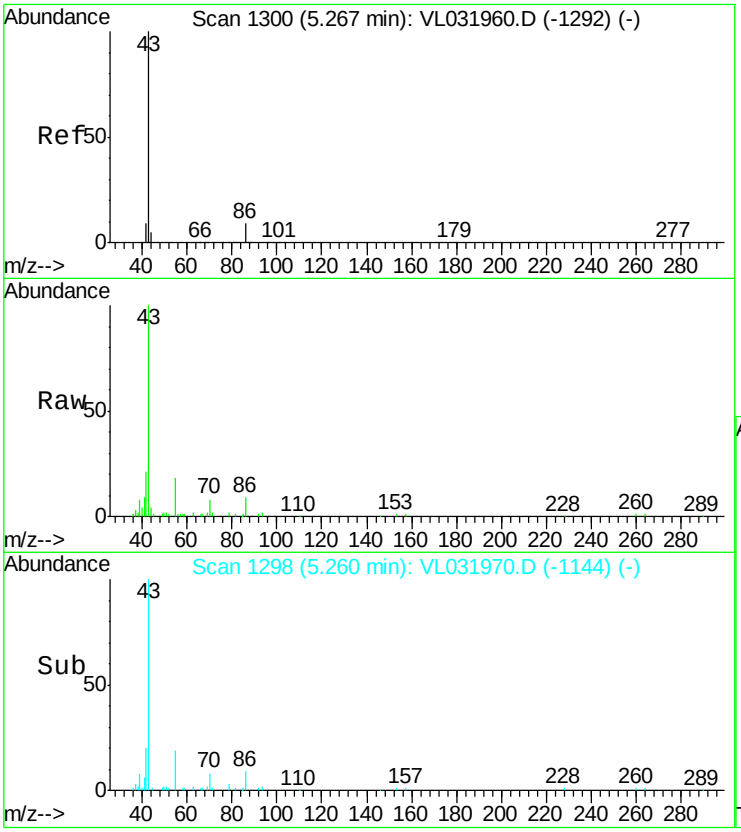




#20
Methylene Chloride
Concen: 3.02 ppbv
RT: 4.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

Tgt Ion: 84 Resp: 154200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 148.1 | 118.6 | 178.0 |
| 51 | 43.5 | 36.6 | 54.8 |
| 86 | 63.7 | 49.8 | 74.8 |



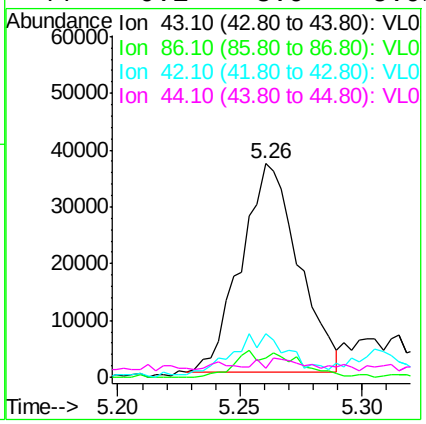


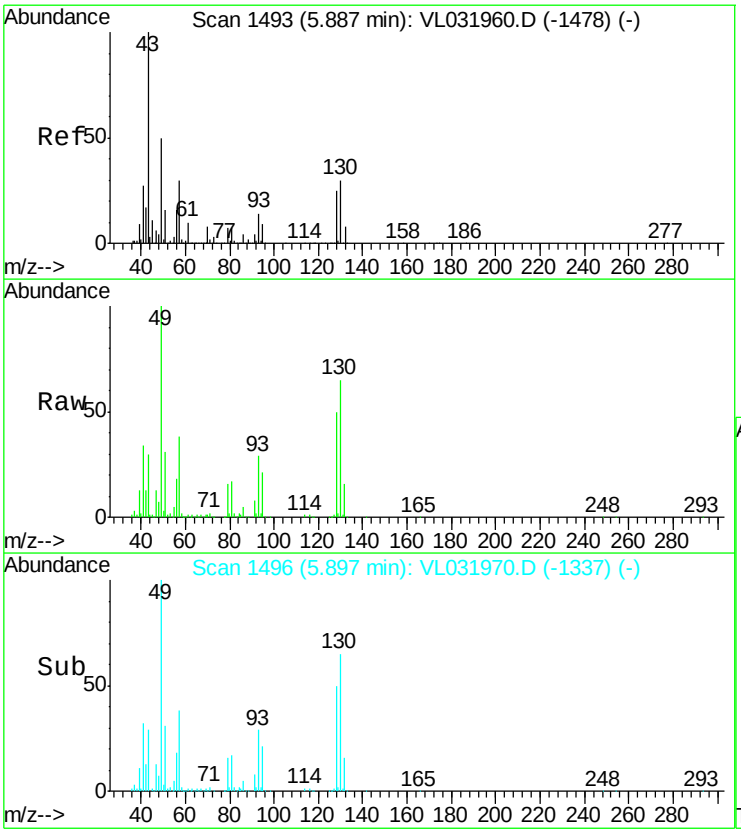

#23
Vinyl Acetate
Concen: 0.35 ppbv
RT: 5.26 min Scan# 1298
Delta R.T. -0.01 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

**Instrument :** MSVOA_L
**ClientSampleId :** IA2

Tgt Ion: 43 Resp: 60304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 9.3 | 6.1 | 9.1# |
| 42 | 17.5 | 8.0 | 12.0# |
| 44 | 0.1 | 3.9 | 5.9# |

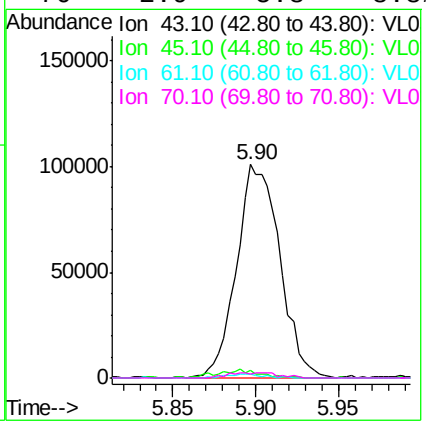


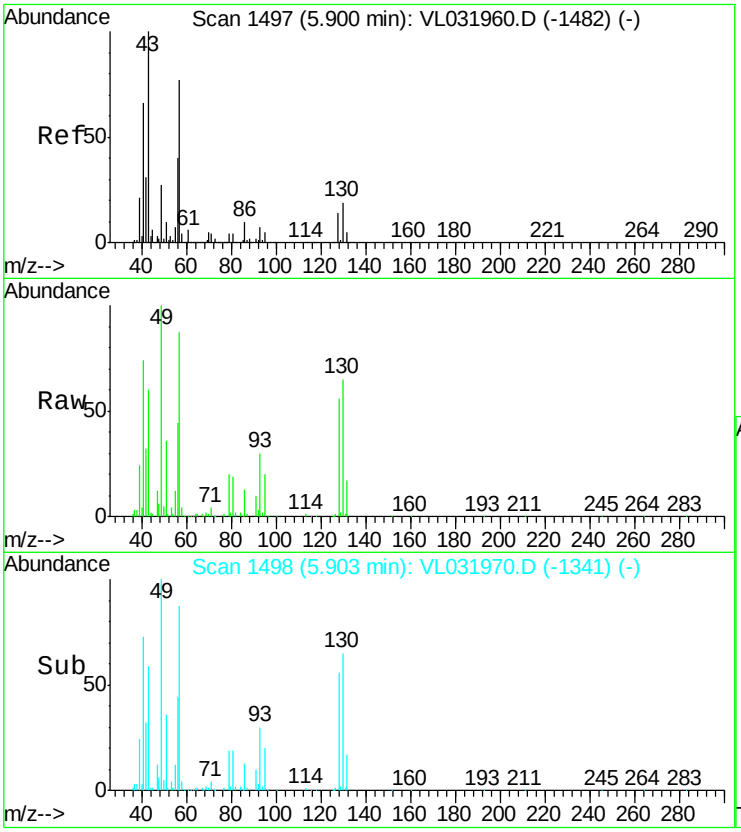




#25
Ethyl Acetate
Concen: 0.70 ppbv
RT: 5.90 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

Tgt Ion: 43 Resp: 181588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 4.0 | 7.8 | 11.6# |
| 61 | 1.8 | 7.4 | 11.2# |
| 70 | 2.9 | 5.8 | 8.8# |



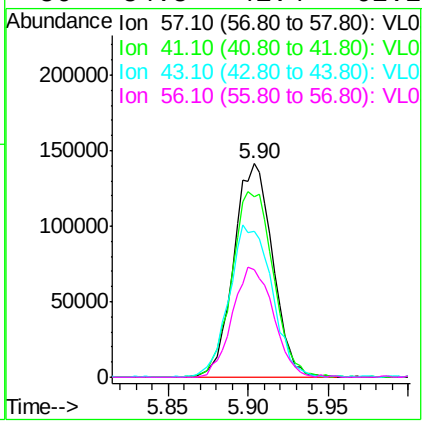


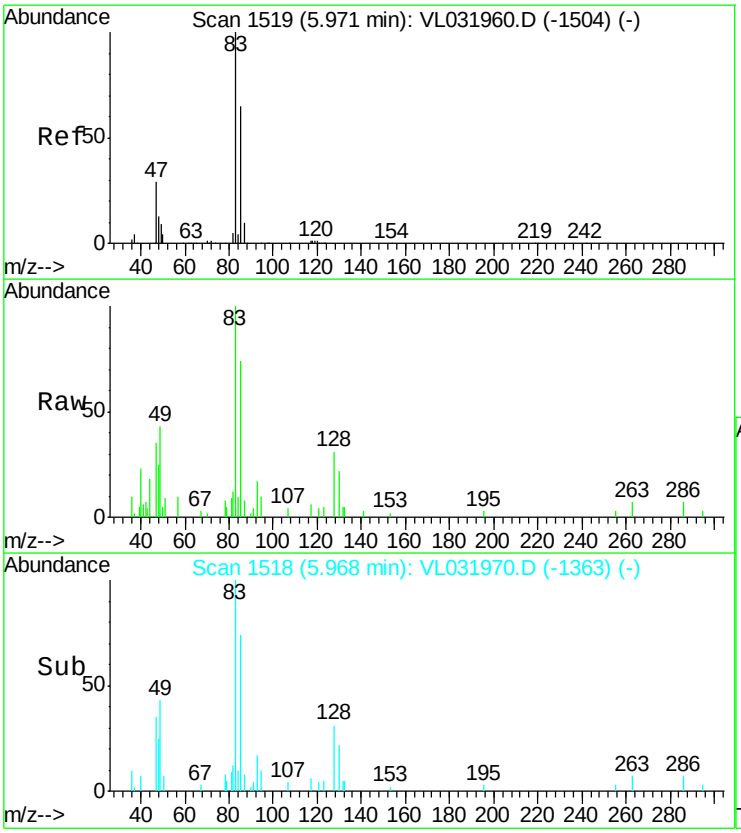

#26
Hexane
Concen: 1.91 ppbv
RT: 5.90 min Scan# 1498
Delta R.T. 0.00 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

**Instrument :** MSVOA_L
**ClientSampleId :** IA2

Tgt Ion: 57 Resp: 233595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 92.7 | 71.8 | 107.6 |
| 43 | 78.6 | 171.5 | 257.3# |
| 56 | 54.5 | 41.4 | 62.2 |

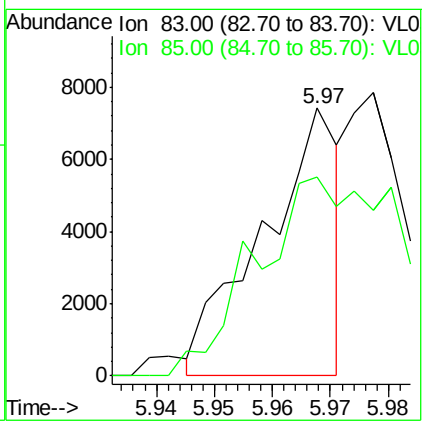


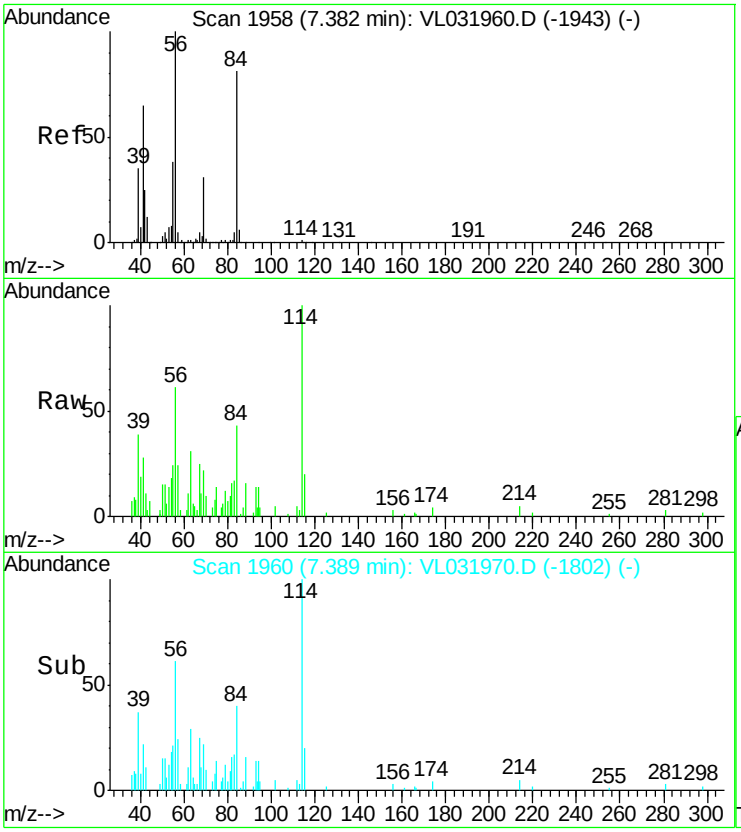




#29
Chloroform
Concen: 0.03 ppbv
RT: 5.97 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

Tgt Ion: 83 Resp: 6750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 69.1 | 52.2 | 78.2 |



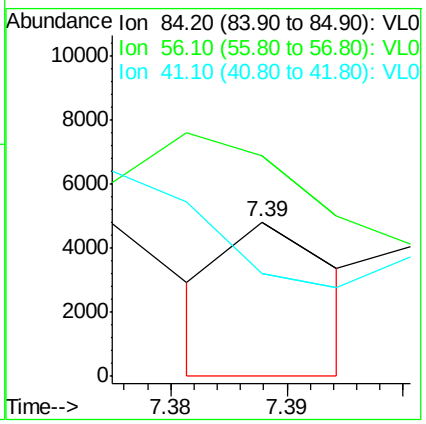


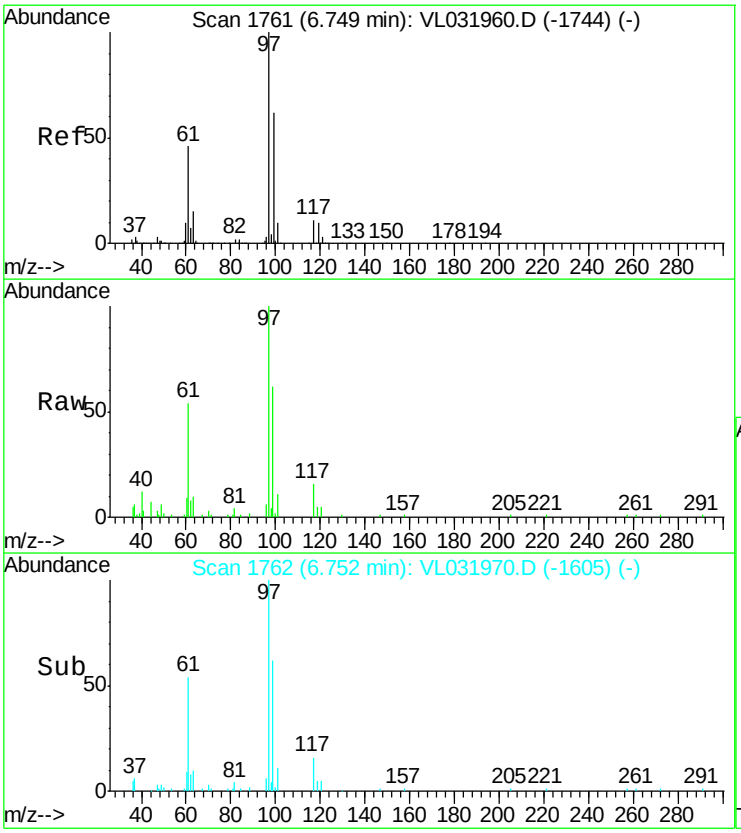

#30
Cyclohexane
Concen: 0.02 ppbv
RT: 7.39 min Scan# 1960
Delta R.T. 0.01 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA2

Tgt Ion: 84 Resp: 1582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 0.0 | 108.0 | 162.0# |
| 41 | 0.0 | 66.8 | 100.2# |

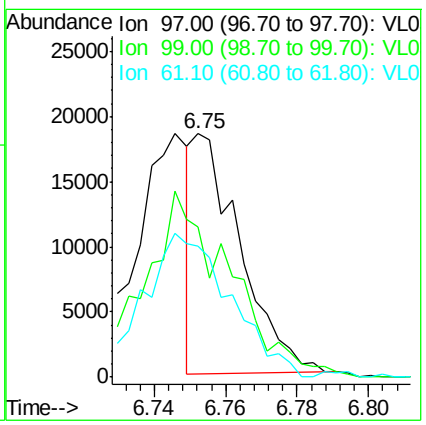


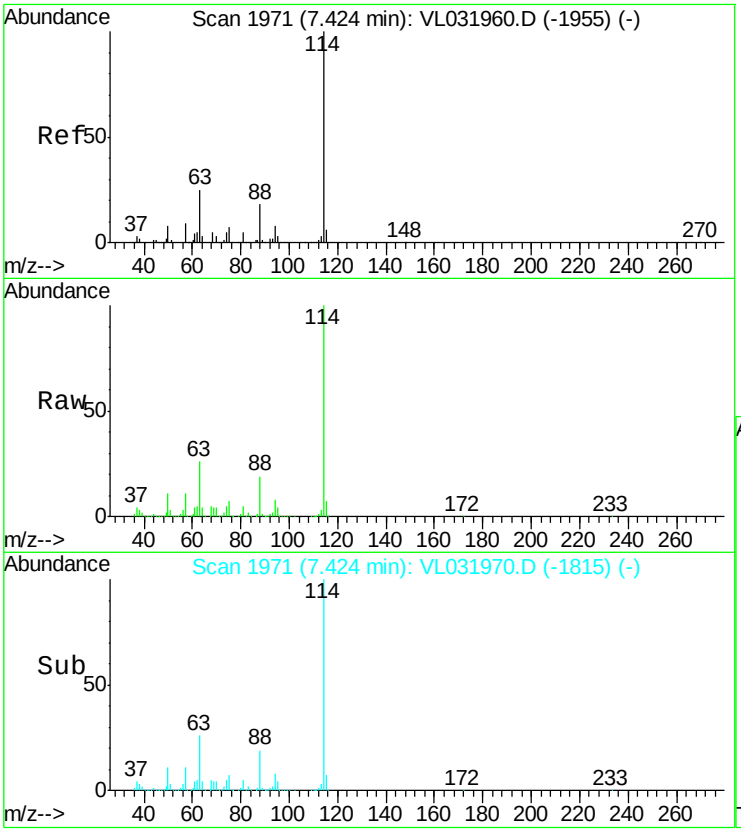




#32
1,1,1-Trichloroethane
Concen: 0.09 ppbv
RT: 6.75 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

Tgt Ion: 97 Resp: 16619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 0.0 | 51.0 | 76.6# |
| 61 | 0.0 | 38.1 | 57.1# |



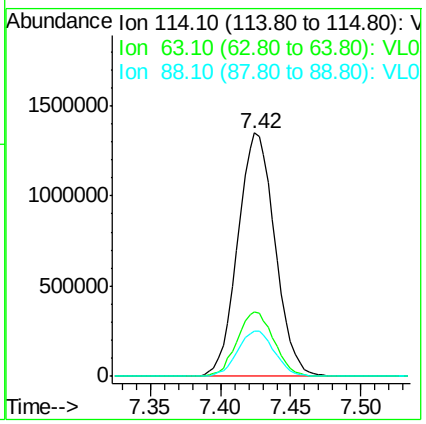


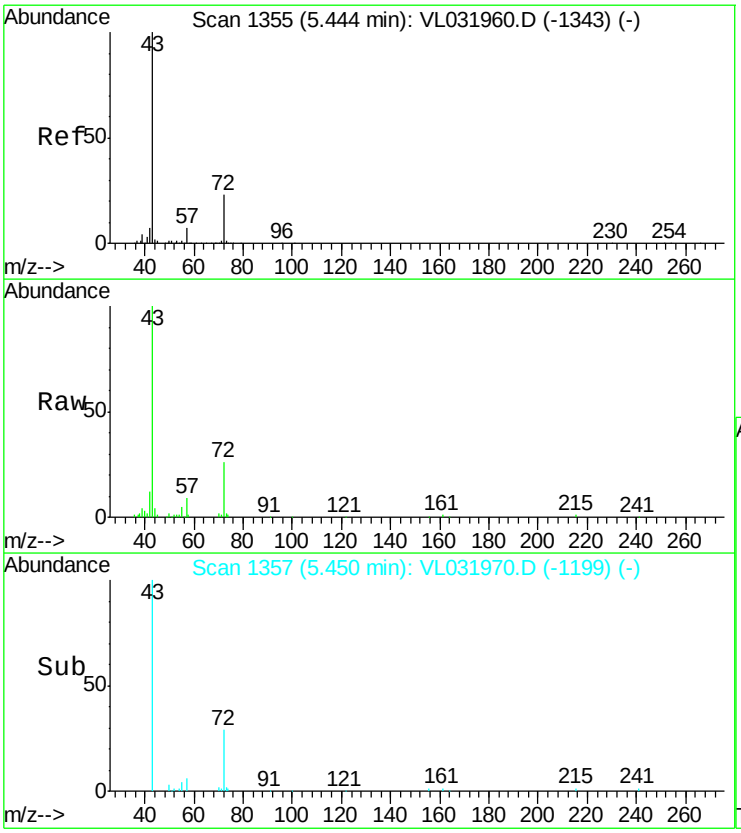

#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.42 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA2

Tgt Ion:114 Resp: 2493072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 26.5 | 20.8 | 31.2 |
| 88 | 18.5 | 14.6 | 21.8 |

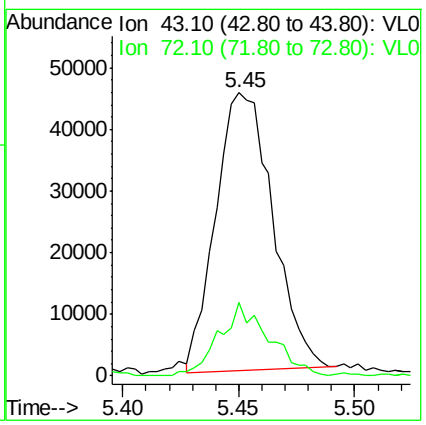


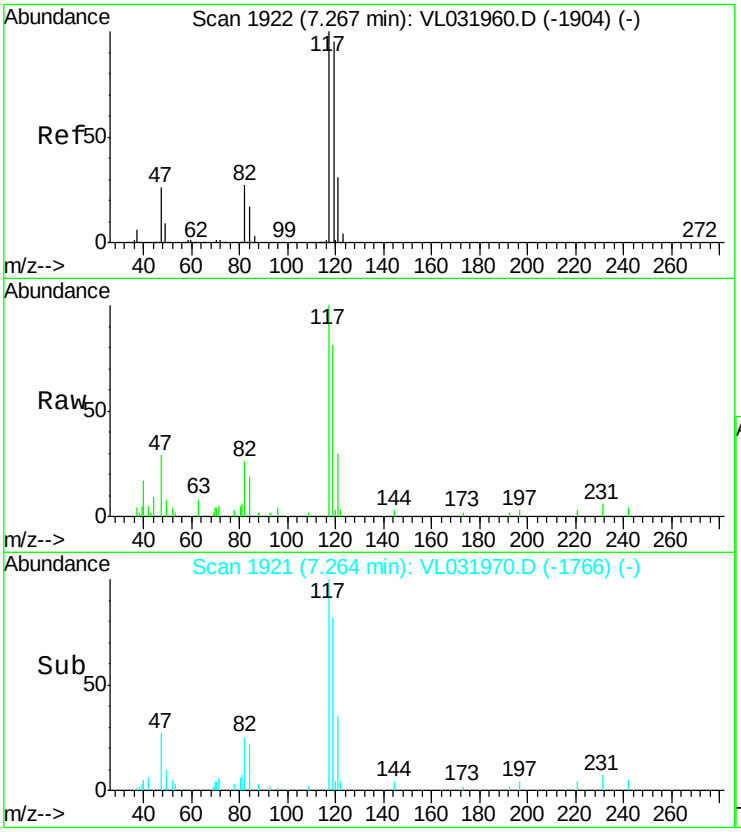




#34
2-Butanone
Concen: 0.37 ppbv
RT: 5.45 min Scan# 1357
Delta R.T. 0.01 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

Tgt Ion: 43 Resp: 76995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 23.4 | 18.3 | 27.5 |



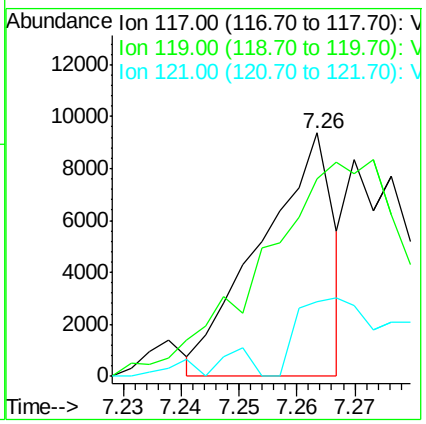


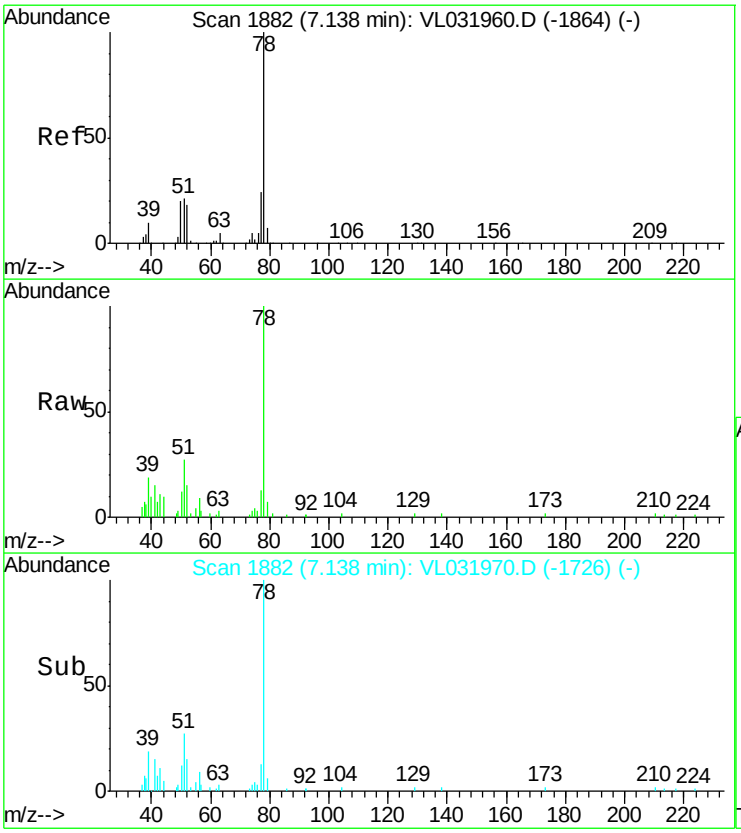

#35
Carbon Tetrachloride
Concen: 0.04 ppbv
RT: 7.26 min Scan# 1921
Delta R.T. -0.00 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

**Instrument :** MSVOA_L
**ClientSampleId :** IA2

Tgt Ion:117 Resp: 8210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 72.7 | 76.4 | 114.6# |
| 121 | 25.6 | 24.4 | 36.6 |

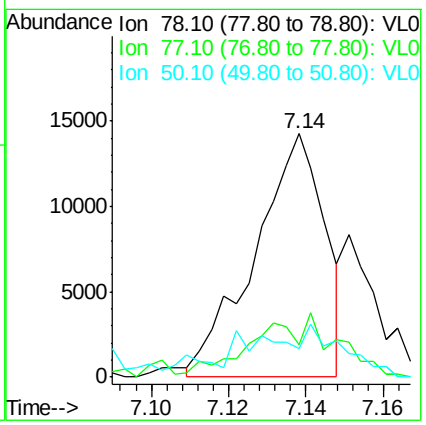


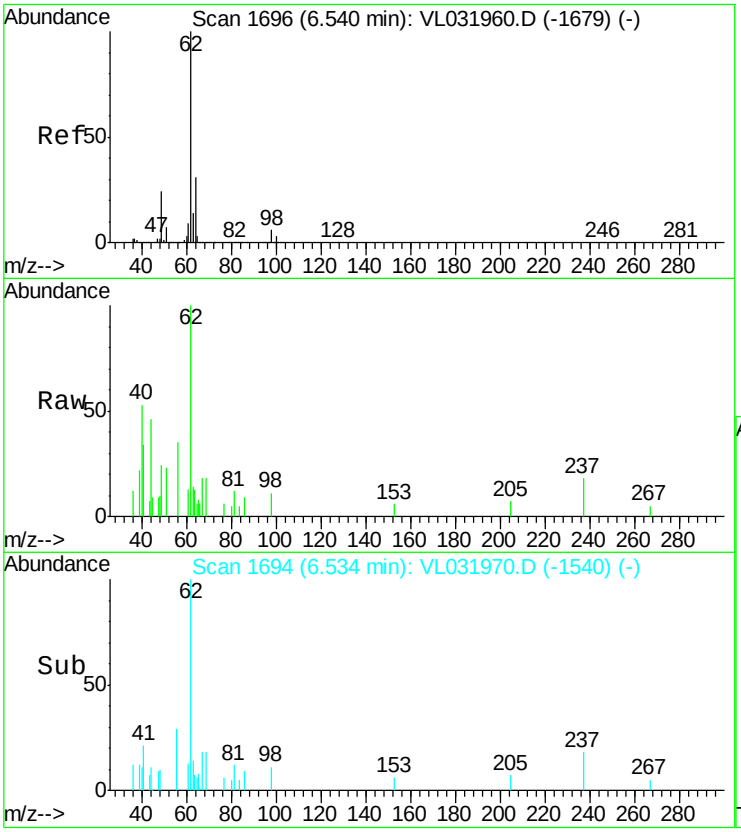




#36
Benzene
Concen: 0.08 ppbv
RT: 7.14 min Scan# 1882
Delta R.T. 0.00 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

Tgt Ion: 78 Resp: 17921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 12.1 | 19.2 | 28.8# |
| 50 | 2.5 | 16.2 | 24.4# |



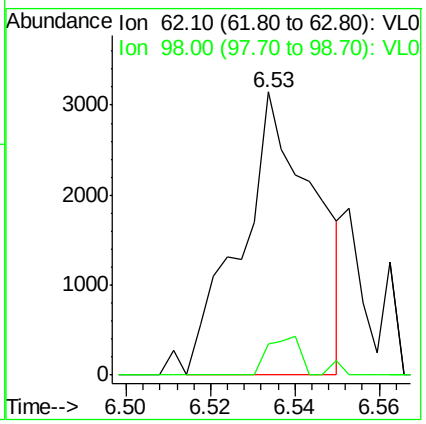


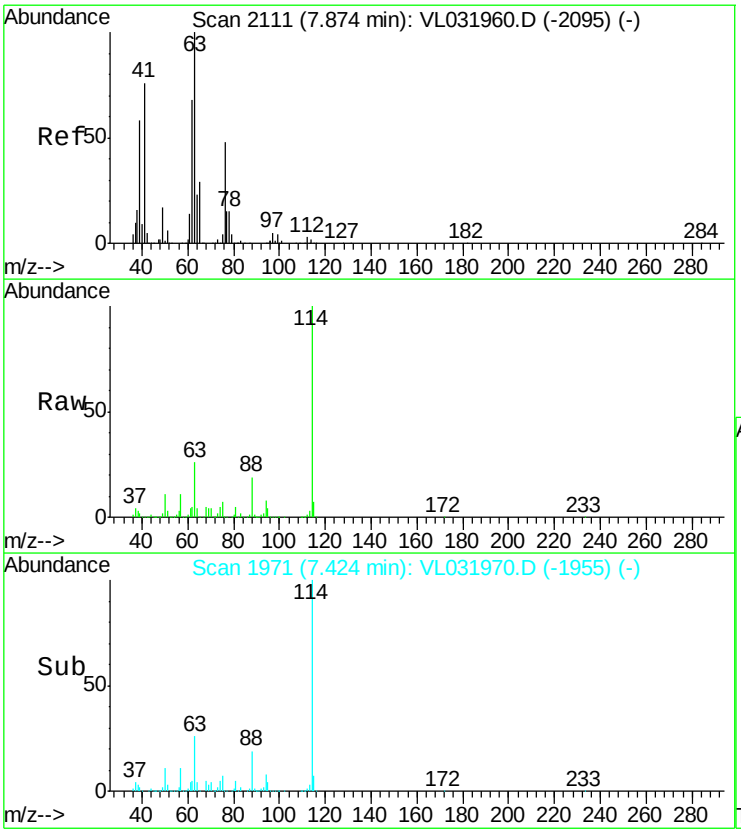

#37
1,2-Dichloroethane
Concen: 0.02 ppbv
RT: 6.53 min Scan# 1694
Delta R.T. -0.01 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

**Instrument :** MSVOA_L
**ClientSampleId :** IA2

Tgt Ion: 62 Resp: 3790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 6.6 | 4.6 | 6.8 |

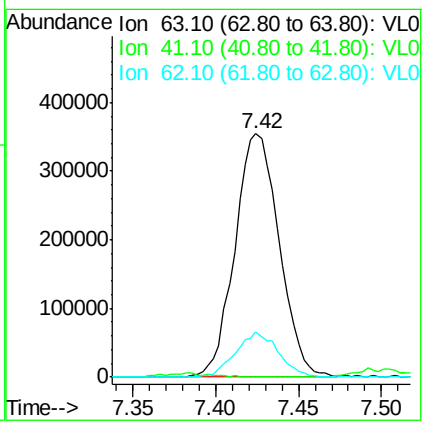


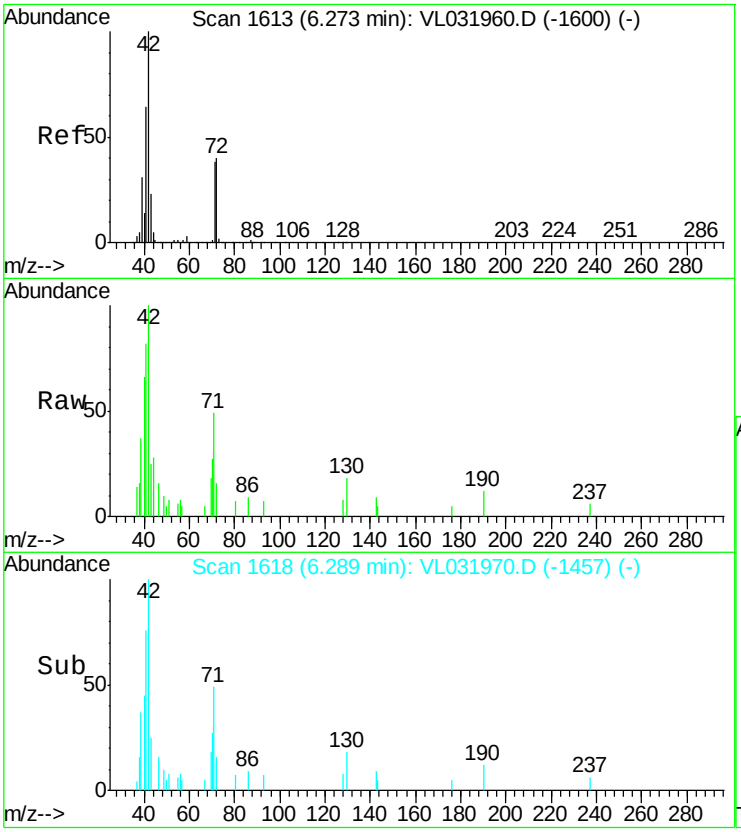




#39
1,2-Dichloropropane
Concen: 8.01 ppbv
RT: 7.42 min Scan# 1971
Delta R.T. -0.45 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

Tgt Ion: 63 Resp: 655204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 0.0 | 60.7 | 91.1# |
| 62 | 18.4 | 54.7 | 82.1# |



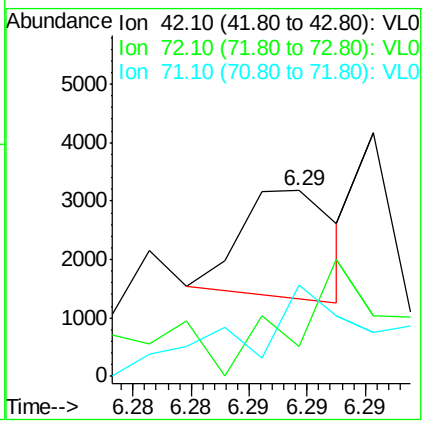


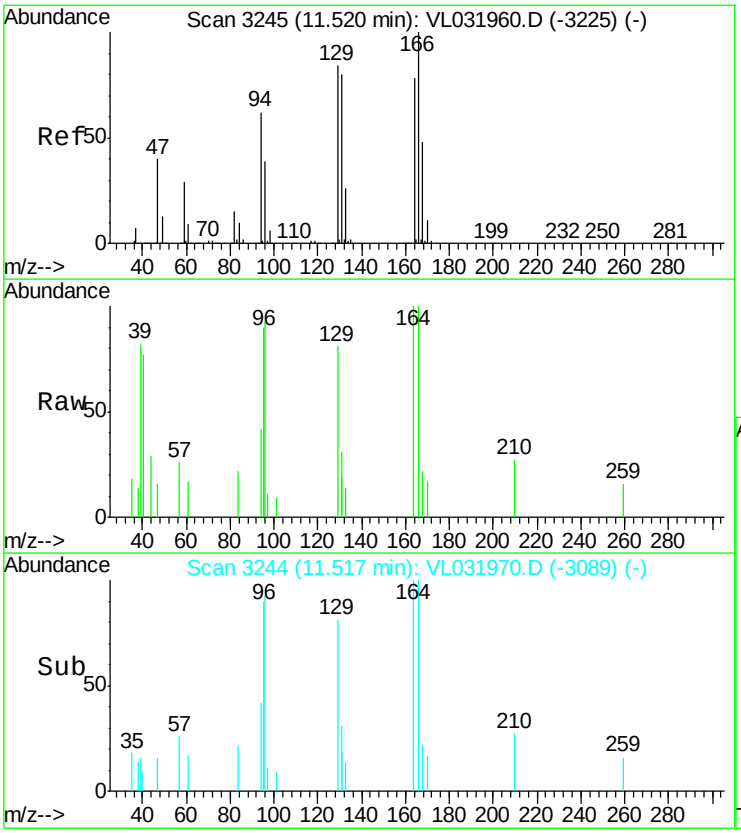

#41
Tetrahydrofuran
Concen: 0.01 ppbv
RT: 6.29 min Scan# 1618
Delta R.T. 0.02 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

**Instrument :** MSVOA_L
**ClientSampleId :** IA2

Tgt Ion: 42 Resp: 1029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 229.3 | 32.3 | 48.5# |
| 71 | 185.7 | 31.4 | 47.2# |

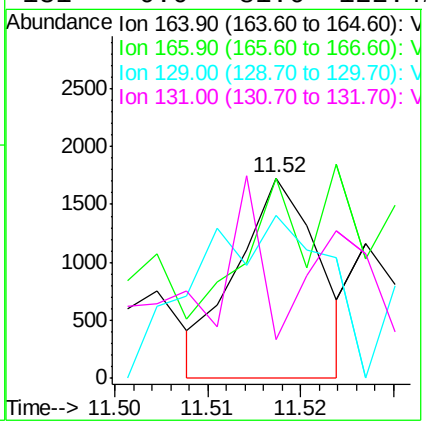


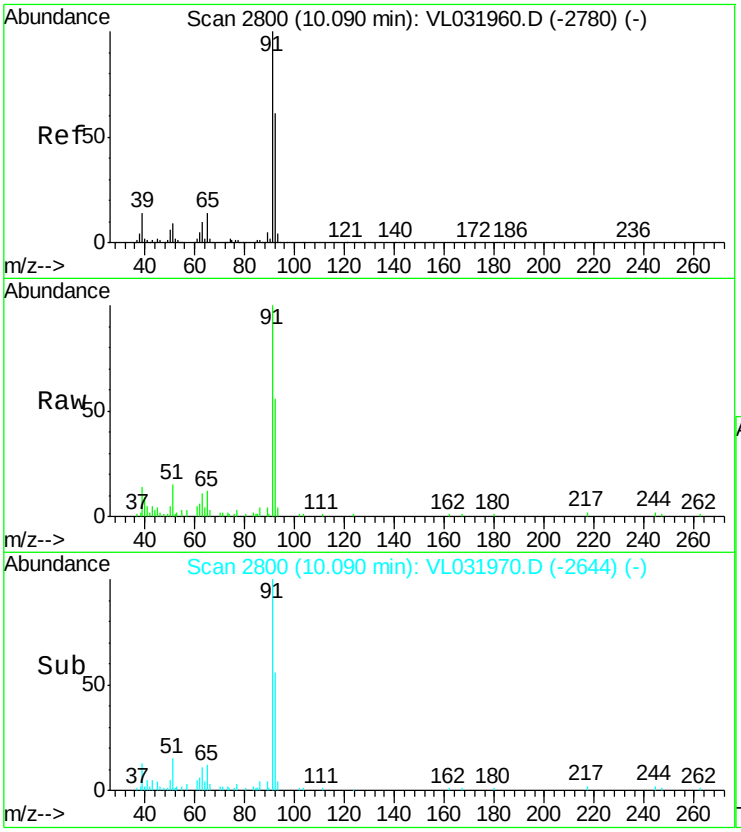




#52
Tetrachloroethene
Concen: 0.01 ppbv
RT: 11.52 min Scan# 3244
Delta R.T. -0.00 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

Tgt Ion:164 Resp: 1052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 92.4 | 101.9 | 152.9# |
| 129 | 53.1 | 85.8 | 128.6# |
| 131 | 0.0 | 81.6 | 122.4# |



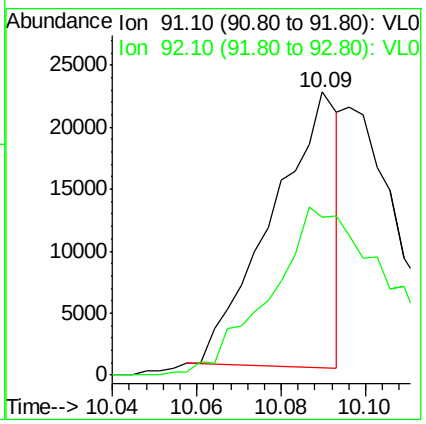


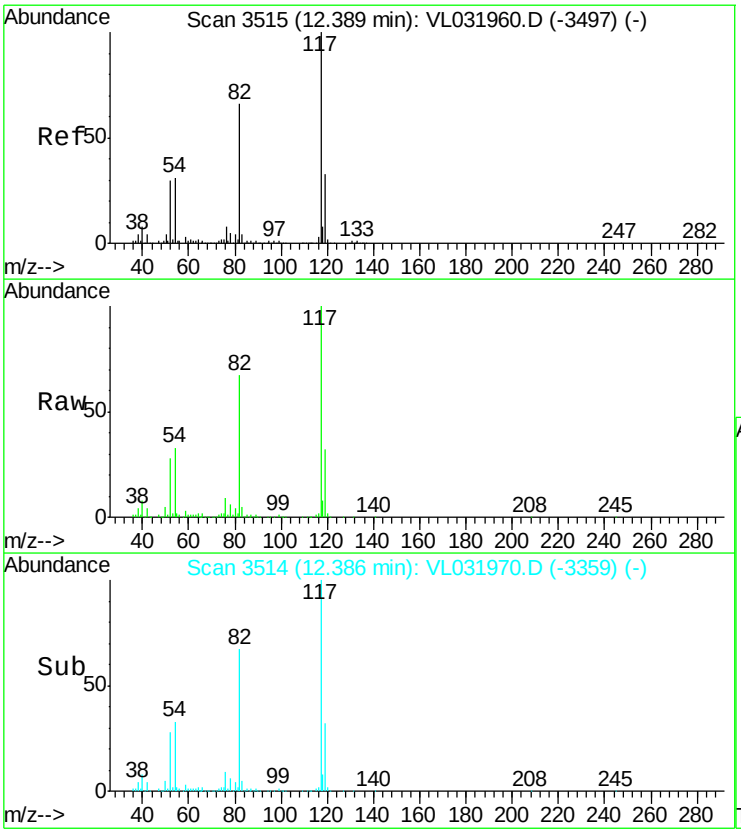

#53
Toluene
Concen: 0.10 ppbv
RT: 10.09 min Scan# 2800
Delta R.T. 0.00 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

**Instrument :** MSVOA_L
**ClientSampleId :** IA2

Tgt Ion: 91 Resp: 24285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 108.0 | 47.4 | 71.2# |

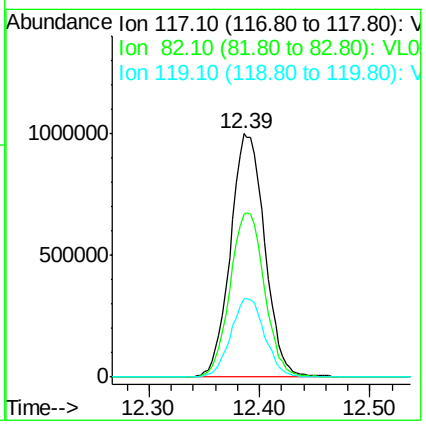


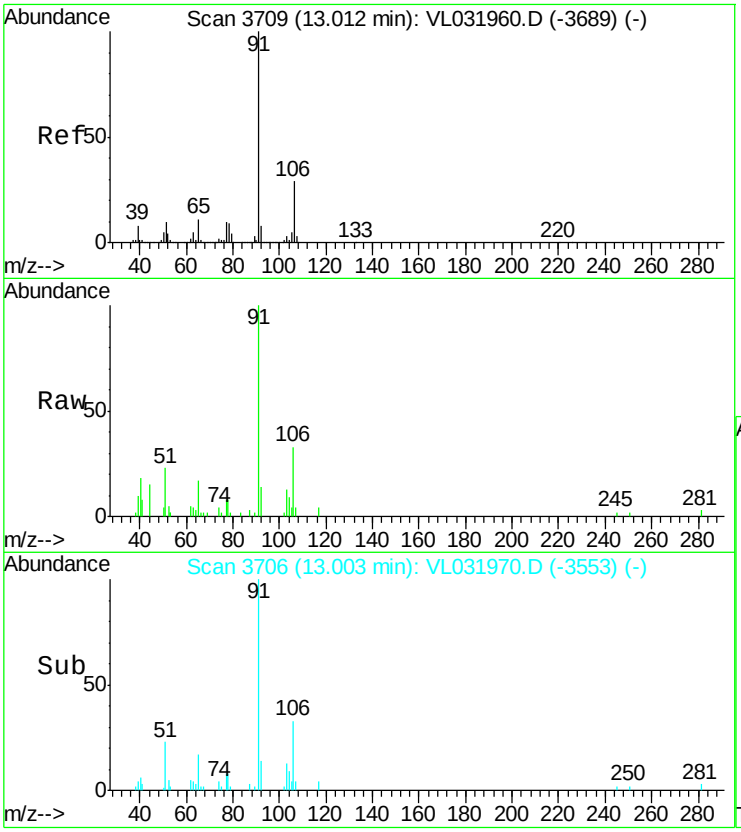




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.39 min Scan# 3514
Delta R.T. -0.00 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

Tgt Ion:117 Resp: 2149074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 68.6 | 51.6 | 77.4 |
| 119 | 32.1 | 44.2 | 66.4# |



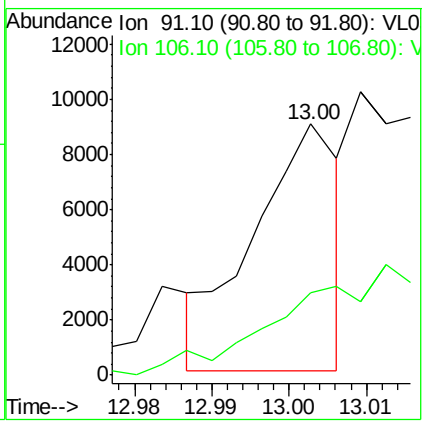


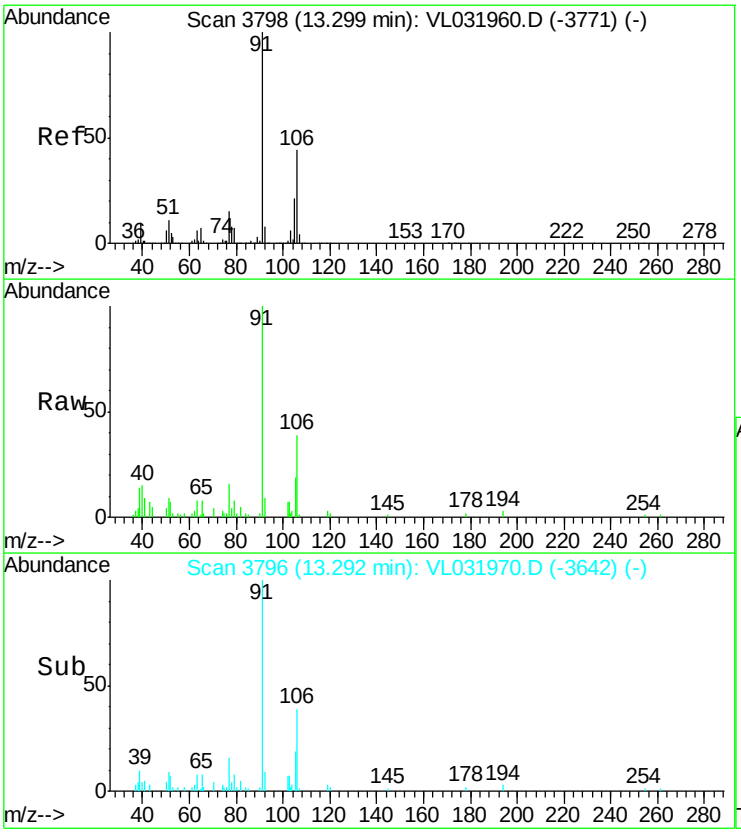

#58
Ethyl Benzene
Concen: 0.02 ppbv
RT: 13.00 min Scan# 3706
Delta R.T. -0.01 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

**Instrument :** MSVOA_L
**ClientSampleId :** IA2

Tgt Ion: 91 Resp: 6908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 34.1 | 23.4 | 35.2 |

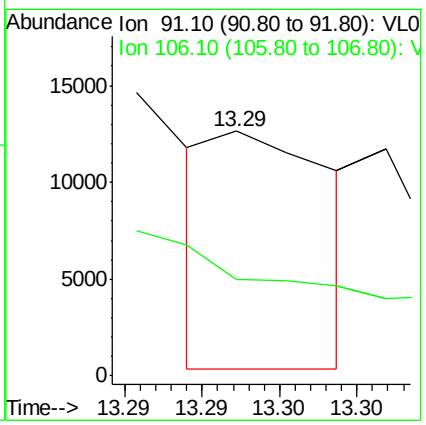


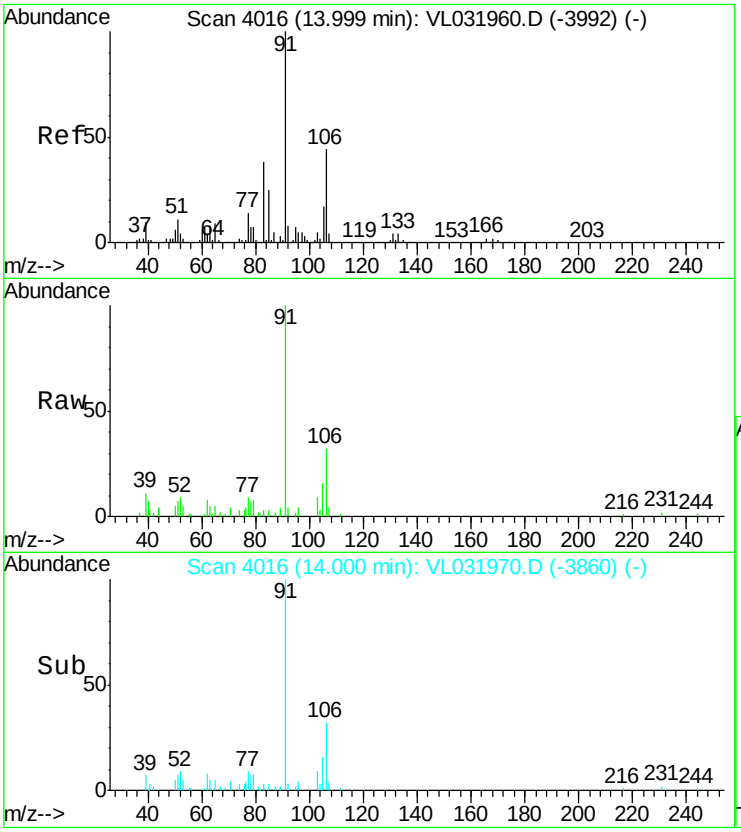




#59
m/p-Xylene
Concen: 0.02 ppbv
RT: 13.29 min Scan# 3796
Delta R.T. -0.01 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

Tgt Ion: 91 Resp: 6508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 0.0 | 35.9 | 53.9# |



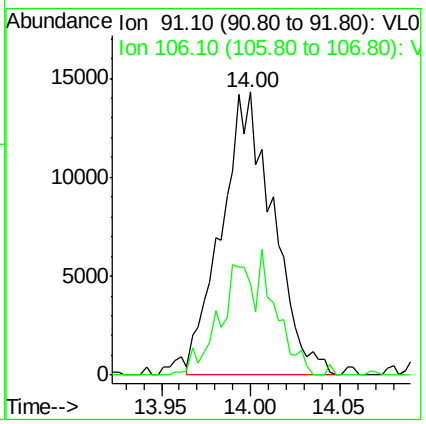


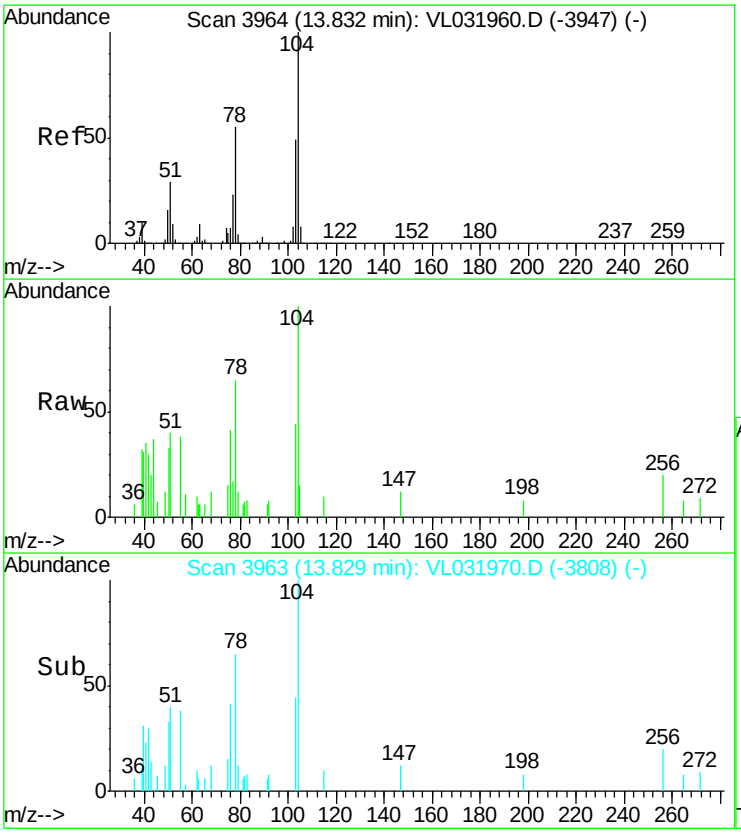

#60
o-Xylene
Concen: 0.11 ppbv
RT: 14.00 min Scan# 4016
Delta R.T. 0.00 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA2

Tgt Ion: 91 Resp: 28944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 41.5 | 21.5 | 64.5 |

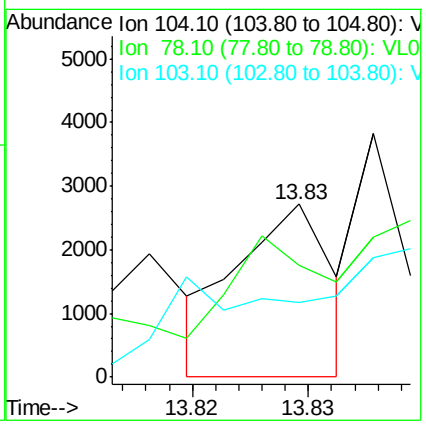


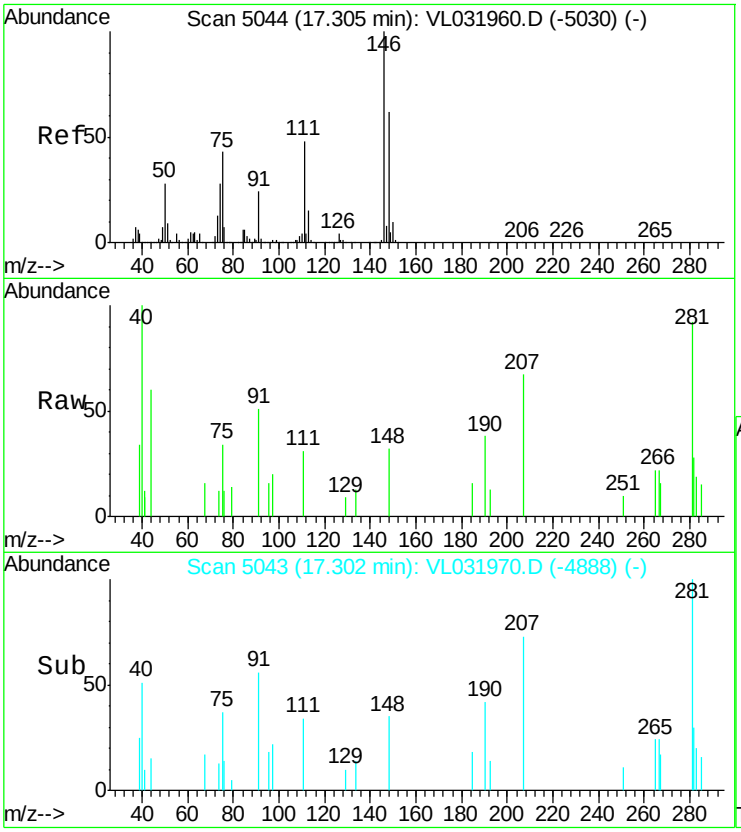




#61
Styrene
Concen: 0.03 ppbv
RT: 13.83 min Scan# 3963
Delta R.T. -0.00 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

Tgt Ion:104 Resp: 1532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 0.0 | 43.8 | 65.8# |
| 103 | 0.0 | 38.4 | 57.6# |



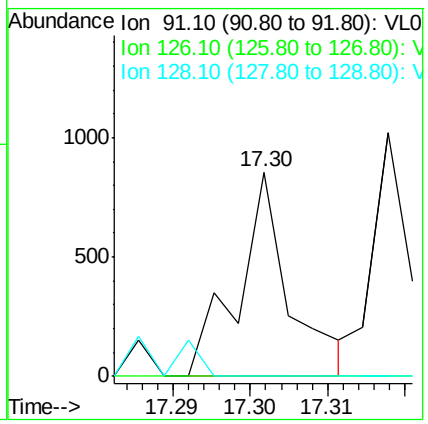


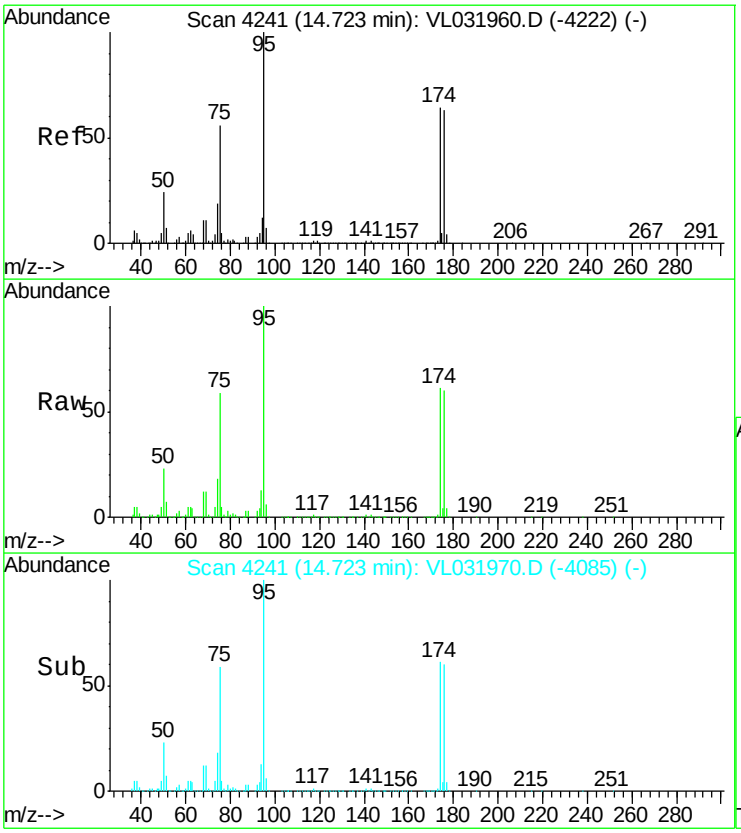

#66
Benzyl Chloride
Concen: 0.01 ppbv
RT: 17.30 min Scan# 5043
Delta R.T. -0.00 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

**Instrument :** MSVOA_L
**ClientSampleId :** IA2

Tgt Ion: 91 Resp: 393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.0 | 13.4 | 20.0# |
| 128 | 0.0 | 4.6 | 6.8# |




#68
1-Bromo-4-Fluorobenzene
Concen: 10.33 ppbv
RT: 14.72 min Scan# 4241
Delta R.T. 0.00 min
Lab File: VL031970.D
Acq: 3 May 2018 19:57

Tgt Ion: 95 Resp: 1720849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 65.8 | 53.0 | 79.6 |
| 175 | 4.7 | 3.9 | 5.9 |