Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041918\

Quantitation Report (Not Reviewed)

Data File : VL031899.D
Acq On : 20 Apr 2018 14:32
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDCCC010EC

Quant Time: Apr 21 02:16:27 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Apr 13 16:50:02 2018
QLast Update : Fri Apr 13 16:50:02 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.88 | 49 | 1232329 | 10.00 | ppbv | 0.00 |
| 33) 1,4-Difluorobenzene | 7.43 | 114 | 2821835 | 10.00 | ppbv | 0.00 |
| 55) Chlorobenzene-d5 | 12.39 | 117 | 3513039 | 10.00 | ppbv | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.72 | 95 | 2327620 | 8.24 | ppbv | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 82.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.16 | 85 | 2090654 | 8.23 | ppbv | 100 |
| 3) Chlorodifluoromethane | 3.10 | 51 | 1359584 | 9.49 | ppbv | 100 |
| 4) Chloromethane | 3.26 | 50 | 701727 | 9.59 | ppbv | 95 |
| 5) Vinyl Chloride | 3.38 | 62 | 732844 | 8.90 | ppbv | 100 |
| 6) Bromomethane | 3.60 | 94 | 515109 | 9.51 | ppbv | 99 |
| 7) Chloroethane | 3.69 | 64 | 316756 | 9.64 | ppbv | 91 |
| 8) Dichlorotetrafluoroethane | 3.31 | 85 | 1873456 | 8.98 | ppbv | 100 |
| 9) Propene | 3.12 | 41 | 506124 | 10.21 | ppbv | 100 |
| 10) Heptane | 8.39 | 43 | 1682015 | 10.46 | ppbv | 100 |
| 11) Trichlorofluoromethane | 4.11 | 101 | 2285234 | 9.17 | ppbv | 100 |
| 12) 1,1,2-Trichlorotrifluoroet | 4.66 | 101 | 1402162 | 8.66 | ppbv | 100 |
| 13) Ethanol | 3.75 | 45 | 148240 | 8.81 | ppbv | 99 |
| 14) Bromoethene | 3.88 | 108 | 580349 | 9.50 | ppbv | 99 |
| 15) Acetone | 4.00 | 43 | 1485705 | 7.83 | ppbv | 99 |
| 16) 1,3-Butadiene | 3.45 | 39 | 709745 | 10.11 | ppbv | 98 |
| 17) tert-Butyl alcohol | 4.46 | 59 | 720472 | 9.19 | ppbv | 99 |
| 18) 1,1-Dichloroethene | 4.46 | 96 | 635266 | 9.13 | ppbv | 94 |
| 19) Isopropyl Alcohol | 4.12 | 45 | 1006663 | 9.50 | ppbv | 99 |
| 20) Methylene Chloride | 4.51 | 84 | 596292 | 8.63 | ppbv | 99 |
| 21) Allyl Chloride | 4.59 | 41 | 1013489 | 9.35 | ppbv | 99 |
| 22) trans-1,2-Dichloroethene | 5.08 | 96 | 666308 | 9.24 | ppbv | 94 |
| 23) Vinyl Acetate | 5.27 | 43 | 1934788 | 10.06 | ppbv | 99 |
| 24) 1,1-Dichloroethane | 5.21 | 63 | 1715916 | 8.96 | ppbv | 99 |
| 25) Ethyl Acetate | 5.89 | 43 | 2836407 | 9.59 | ppbv | 100 |
| 26) Hexane | 5.90 | 57 | 1344929 | 9.75 | ppbv | 100 |
| 27) Carbon Disulfide | 4.73 | 76 | 1795910 | 10.03 | ppbv | 99 |
| 28) Methyl tert-Butyl Ether | 5.23 | 73 | 1597072 | 9.41 | ppbv | 99 |
| 29) Chloroform | 5.97 | 83 | 2139080 | 9.15 | ppbv | 100 |
| 30) Cyclohexane | 7.38 | 84 | 1024512 | 10.40 | ppbv | 99 |
| 31) cis-1,2-Dichloroethene | 5.76 | 61 | 1267062 | 10.14 | ppbv | 99 |
| 32) 1,1,1-Trichloroethane | 6.75 | 97 | 2110617 | 9.27 | ppbv | 100 |
| 34) 2-Butanone | 5.44 | 43 | 1721839 | 8.80 | ppbv | 99 |
| 35) Carbon Tetrachloride | 7.27 | 117 | 2201128 | 8.98 | ppbv | 99 |
| 36) Benzene | 7.14 | 78 | 2531499 | 9.97 | ppbv | 98 |
| 37) 1,2-Dichloroethane | 6.54 | 62 | 1790943 | 9.48 | ppbv | 100 |
| 38) Trichloroethene | 8.10 | 130 | 1025249 | 9.95 | ppbv | 98 |
| 39) 1,2-Dichloropropane | 7.87 | 63 | 907988 | 9.62 | ppbv | 98 |
| 40) 1,4-Dioxane | 8.09 | 88 | 378915 | 9.89 | ppbv | 89 |
| 41) Tetrahydrofuran | 6.27 | 42 | 905316 | 9.99 | ppbv | 99 |
| 42) Bromodichloromethane | 8.06 | 83 | 2221117 | 9.83 | ppbv | 98 |
| 43) Methyl Methacrylate | 8.27 | 69 | 949254 | 10.63 | ppbv | 100 |

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041918\

Quantitation Report (Not Reviewed)

Data File : VL031899.D
Acq On : 20 Apr 2018 14:32
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDCCC010EC

Quant Time: Apr 21 02:16:27 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Apr 13 16:50:02 2018
QLast Update : Fri Apr 13 16:50:02 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,2,4-Trimethylpentane | 8.13 | 57 | 4294760 | 9.82 | ppbv | | 99 |
| 45) t-1,3-Dichloropropene | 9.56 | 75 | 1341540 | 11.58 | ppbv | | 99 |
| 46) cis-1,3-Dichloropropene | 8.98 | 75 | 1661009 | 11.22 | ppbv | | 95 |
| 47) 1,1,2-Trichloroethane | 9.76 | 97 | 1077118 | 9.61 | ppbv | | 96 |
| 48) Dibromochloromethane | 10.60 | 129 | 1825142 | 10.07 | ppbv | | 99 |
| 49) Bromoform | 13.35 | 173 | 1416841 | 10.15 | ppbv | | 99 |
| 50) 4-Methyl-2-Pentanone | 9.01 | 43 | 2278242 | 10.17 | ppbv | | 100 |
| 51) 2-Hexanone | 10.41 | 43 | 2128950 | 10.87 | ppbv | # | 100 |
| 52) Tetrachloroethene | 11.52 | 164 | 959285 | 9.70 | ppbv | | 97 |
| 53) Toluene | 10.09 | 91 | 3028762 | 10.70 | ppbv | | 100 |
| 54) 1,2-Dibromoethane | 10.91 | 107 | 1636757 | 10.06 | ppbv | | 99 |
| 56) 1,1,1,2-Tetrachloroethane | 12.43 | 131 | 1259787 | 7.62 | ppbv | | 98 |
| 57) Chlorobenzene | 12.45 | 112 | 2347040 | 7.88 | ppbv | | 99 |
| 58) Ethyl Benzene | 13.01 | 91 | 4229454 | 8.67 | ppbv | | 99 |
| 59) m/p-Xylene | 13.30 | 91 | 3187228 | 7.52 | ppbv | # | 18 |
| 60) o-Xylene | 14.00 | 91 | 3609741 | 8.53 | ppbv | | 99 |
| 61) Styrene | 13.83 | 104 | 812689 | 10.08 | ppbv | | 99 |
| 62) Isopropylbenzene | 14.97 | 105 | 4373650 | 8.04 | ppbv | | 99 |
| 63) 1,1,2,2-Tetrachloroethane | 13.98 | 83 | 2281932 | 7.01 | ppbv | | 99 |
| 64) n-propylbenzene | 15.87 | 120 | 1086096 | 8.21 | ppbv | | 99 |
| 65) tert-Butylbenzene | 17.05 | 119 | 3611481 | 7.72 | ppbv | | 100 |
| 66) Benzyl Chloride | 17.30 | 91 | 356683 | 8.46 | ppbv | | 99 |
| 67) sec-Butylbenzene | 17.61 | 105 | 5144789 | 7.63 | ppbv | | 100 |
| 69) p-Isopropyltoluene | 17.96 | 119 | 4058245 | 7.77 | ppbv | | 99 |
| 70) n-Butylbenzene | 18.86 | 91 | 4054435 | 7.45 | ppbv | | 100 |
| 71) 2-Chlorotoluene | 15.76 | 91 | 3252106 | 8.27 | ppbv | | 99 |
| 72) 4-Ethyltoluene | 16.15 | 105 | 3564390 | 8.24 | ppbv | | 100 |
| 73) 1,3,5-Trimethylbenzene | 16.30 | 105 | 3131507 | 7.91 | ppbv | | 99 |
| 74) 1,2,4-Trimethylbenzene | 17.07 | 105 | 3283473 | 7.43 | ppbv | | 98 |
| 75) 1,3-Dichlorobenzene | 17.31 | 146 | 2001594 | 7.38 | ppbv | | 99 |
| 76) 1,4-Dichlorobenzene | 17.46 | 146 | 2017746 | 7.67 | ppbv | | 99 |
| 77) 1,2-Dichlorobenzene | 18.14 | 146 | 1923877 | 7.20 | ppbv | | 100 |
| 78) Hexachloro-1,3-Butadiene | 23.68 | 225 | 1036943 | 10.11 | ppbv | | 99 |
| 79) Naphthalene | 22.58 | 128 | 2227037 | 8.95 | ppbv | | 99 |
| 80) Naphthalene,2-methyl- | 25.23 | 142 | 655812 | 13.50 | ppbv | | 99 |
| 81) 1,2,4-Trichlorobenzene | 22.31 | 180 | 1101672 | 7.98 | ppbv | | 100 |

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

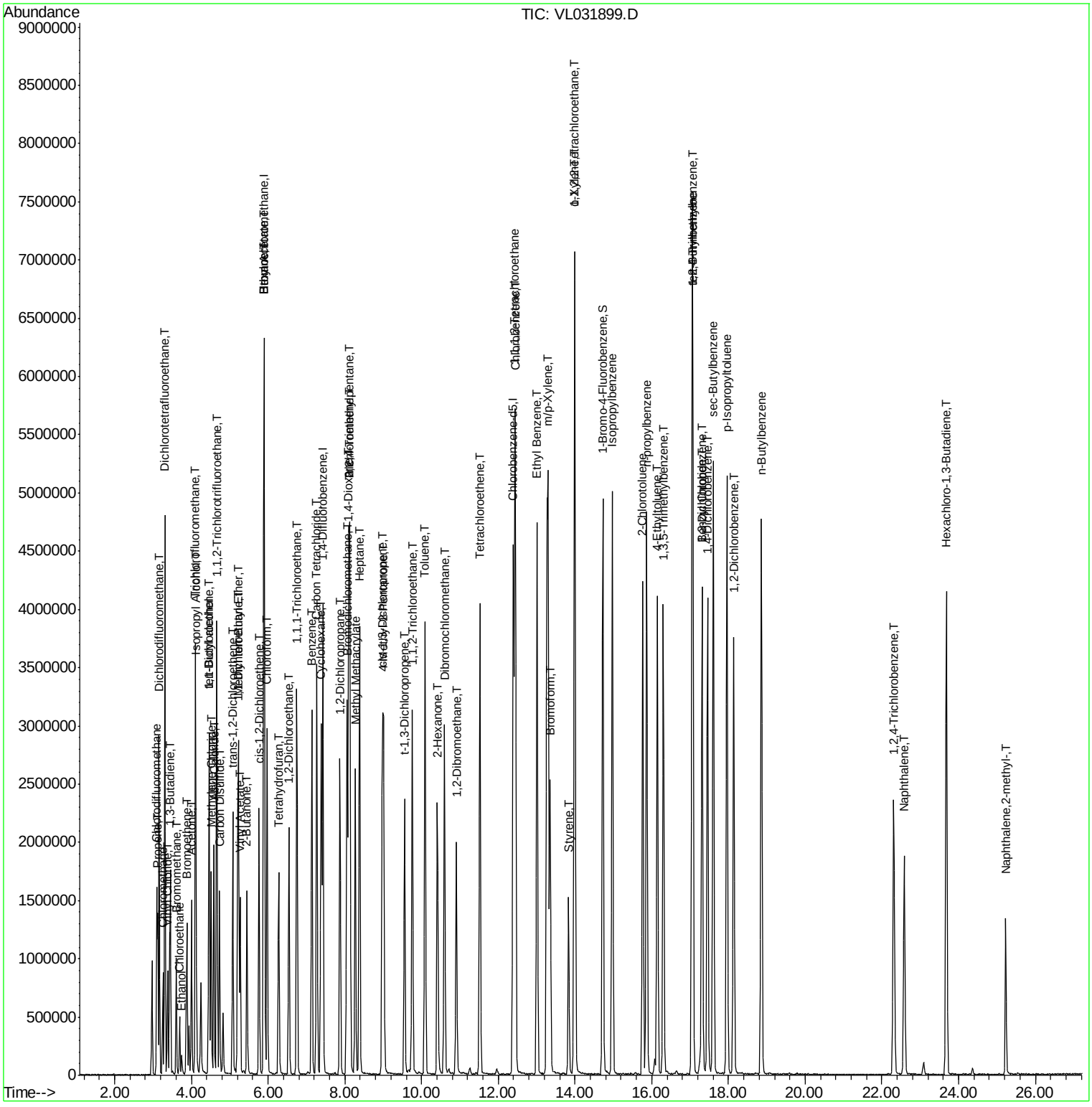
Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041918\

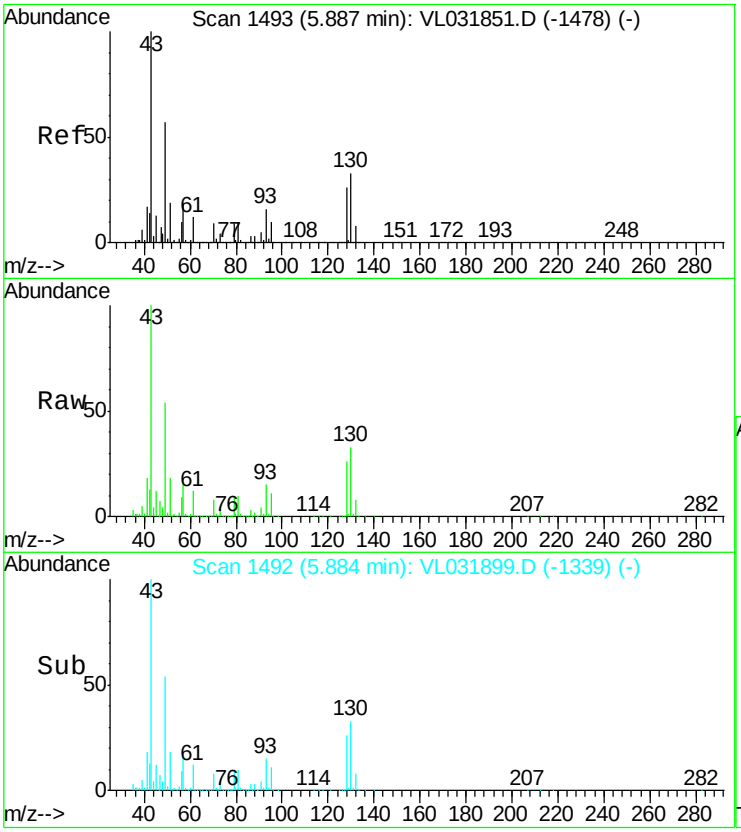
Quantitation Report (Not Reviewed)

Data File : VL031899.D
Acq On : 20 Apr 2018 14:32
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDCCC010EC

Quant Time: Apr 21 02:16:27 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Apr 13 16:50:02 2018
QLast Update : Fri Apr 13 16:50:02 2018
Response via : Initial Calibration



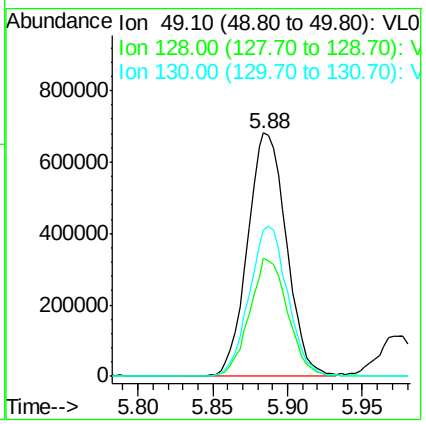


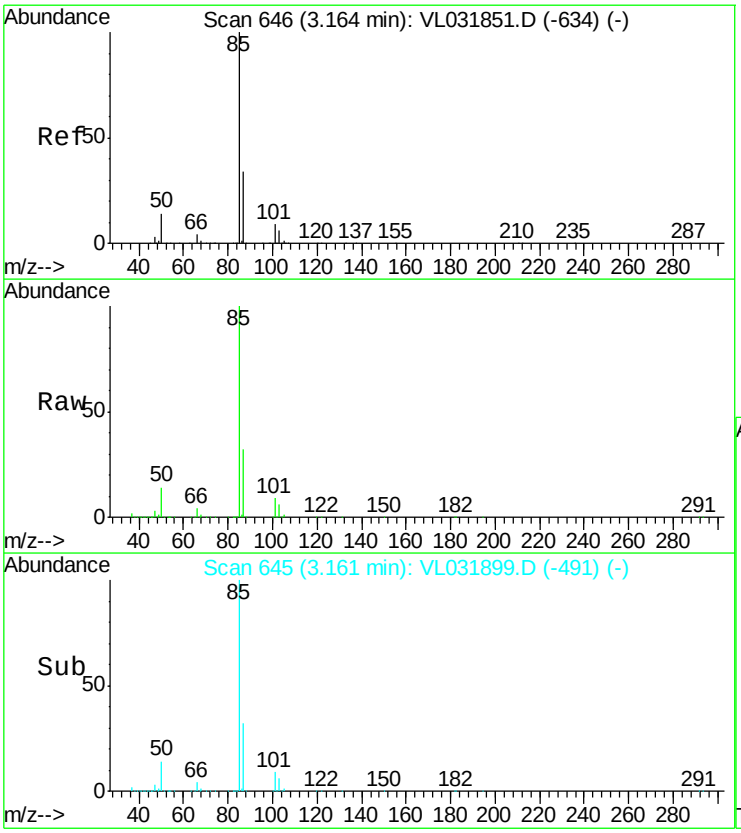

#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.88 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 49 Resp: 1232329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 47.9 | 23.9 | 71.7 |
| 130 | 61.4 | 30.9 | 92.7 |

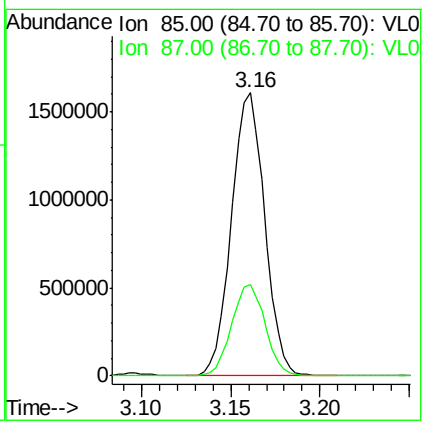


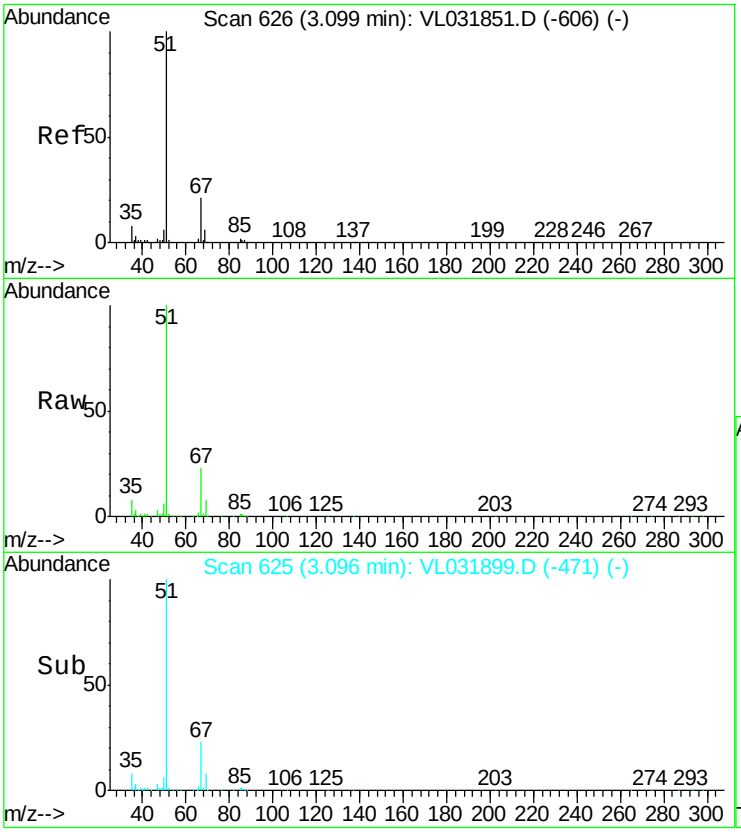




#2
Dichlorodifluoromethane
Concen: 8.23 ppbv
RT: 3.16 min Scan# 645
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 85 Resp: 2090654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.2 | 25.9 | 38.9 |



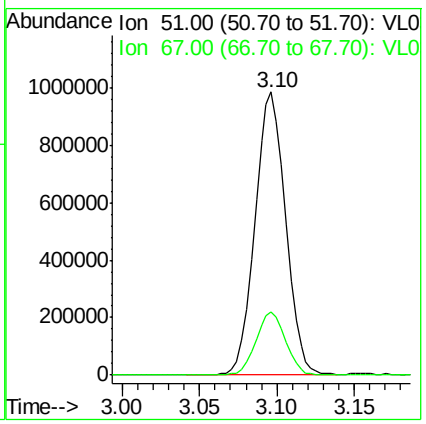


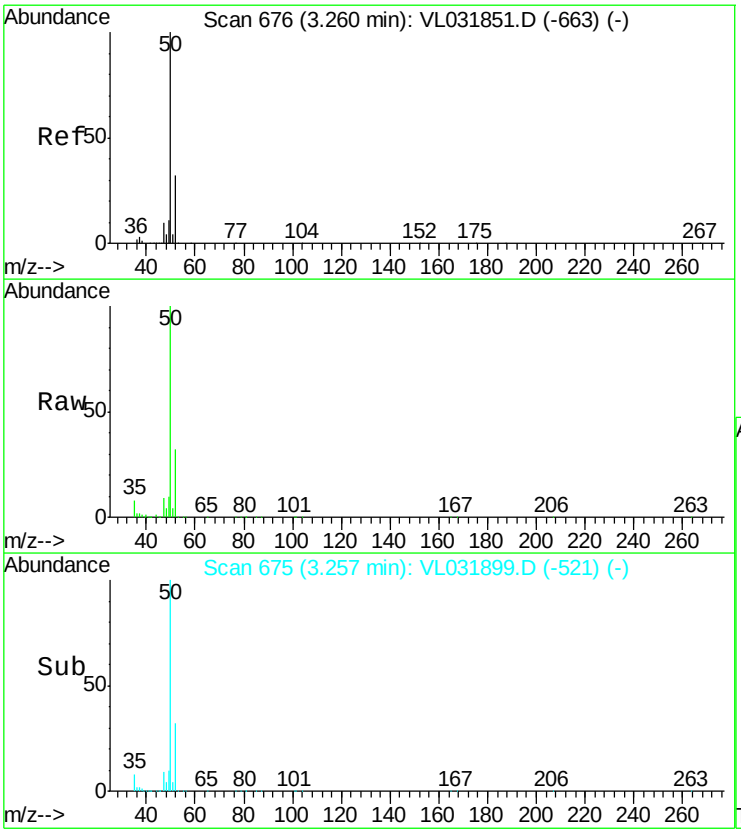

#3
Chlorodifluoromethane
Concen: 9.49 ppbv
RT: 3.10 min Scan# 625
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 51 Resp: 1359584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 51 | 100 | | |
| 67 | 21.7 | 17.5 | 26.3 |

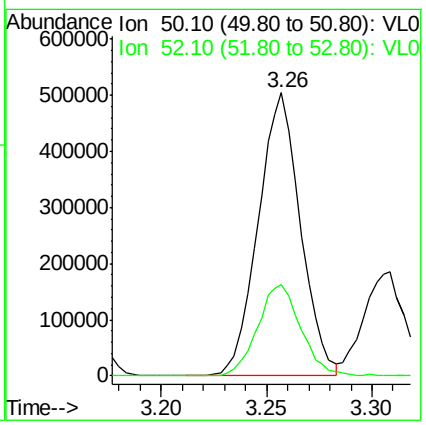


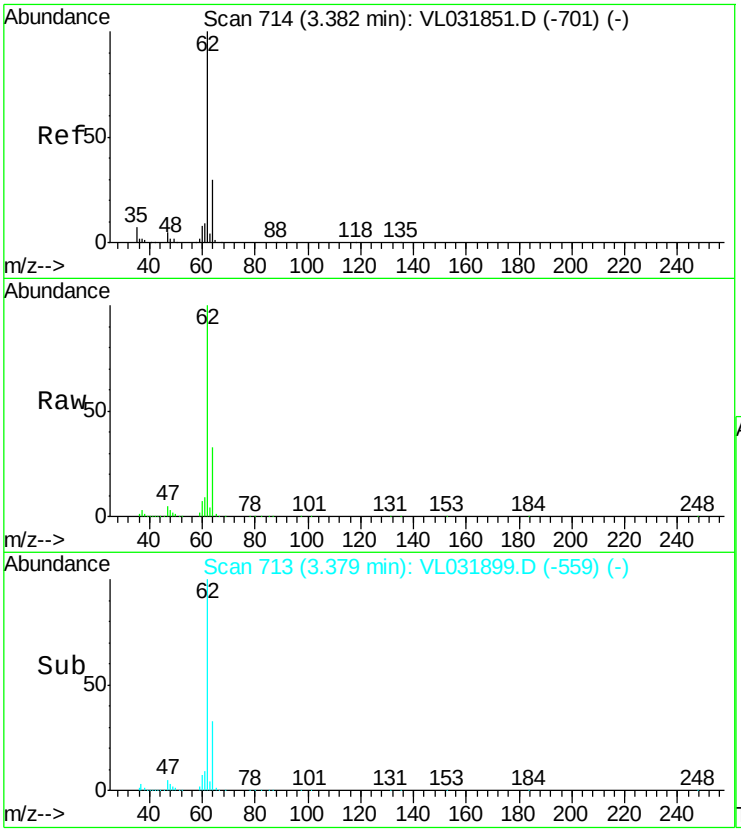




#4
Chloromethane
Concen: 9.59 ppbv
RT: 3.26 min Scan# 675
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 50 Resp: 701727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.1 | 28.1 | 42.1 |



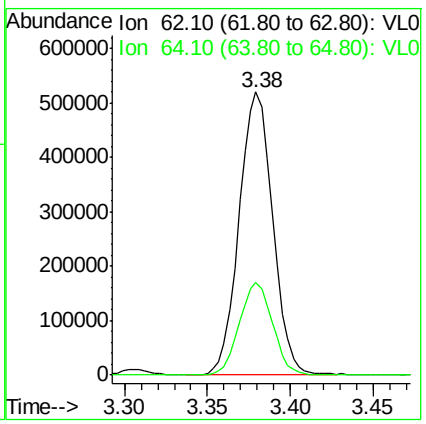


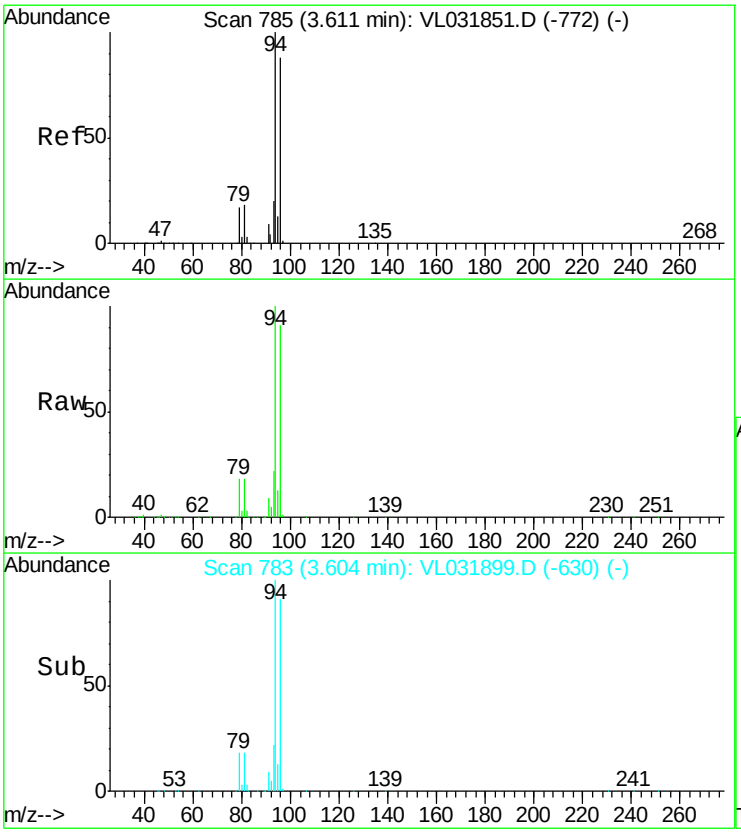

#5
Vinyl Chloride
Concen: 8.90 ppbv
RT: 3.38 min Scan# 713
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 62 Resp: 732844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.6 | 25.9 | 38.9 |

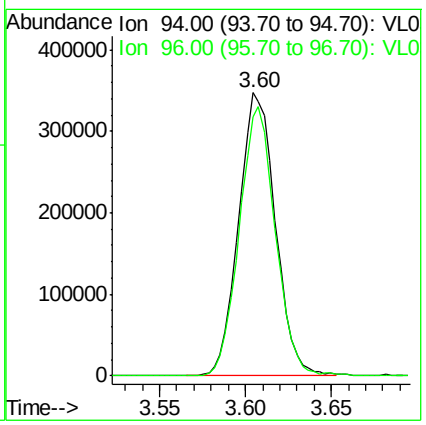


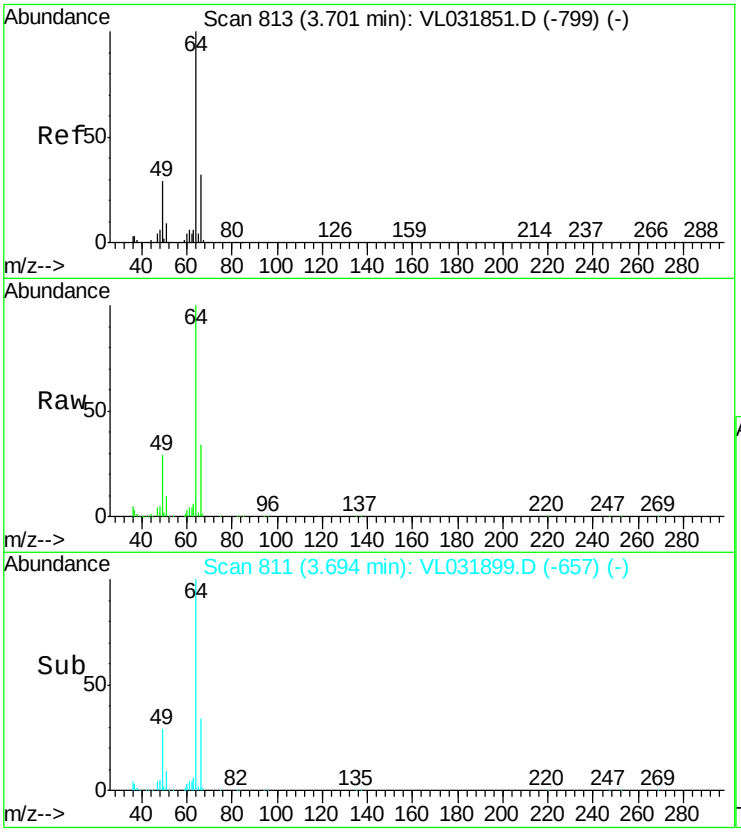




#6
Bromomethane
Concen: 9.51 ppbv
RT: 3.60 min Scan# 783
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 94 Resp: 515109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 91.5 | 73.8 | 110.6 |



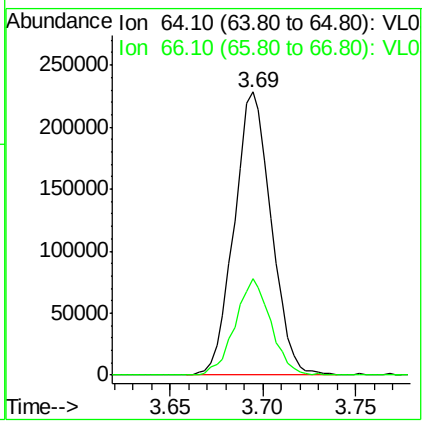


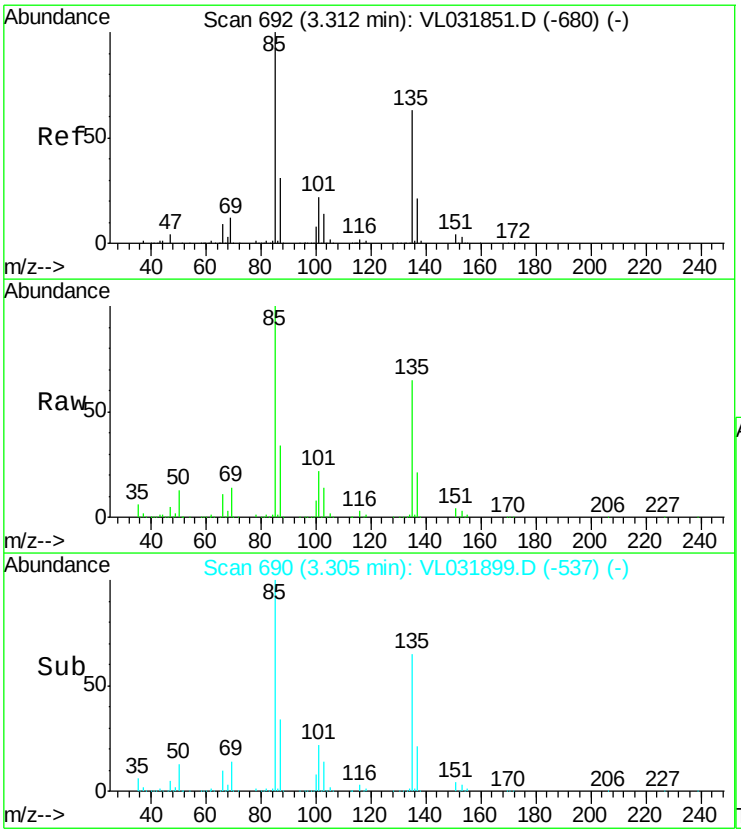

#7
Chloroethane
Concen: 9.64 ppbv
RT: 3.69 min Scan# 811
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 64 Resp: 316756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 34.1 | 23.4 | 35.0 |

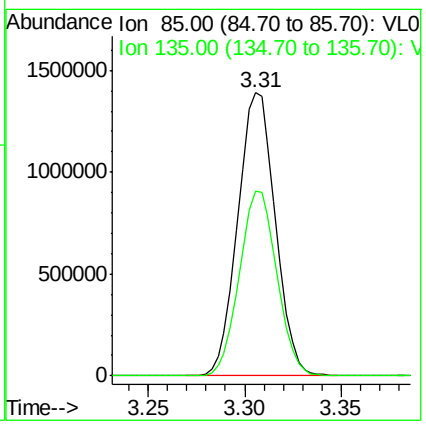


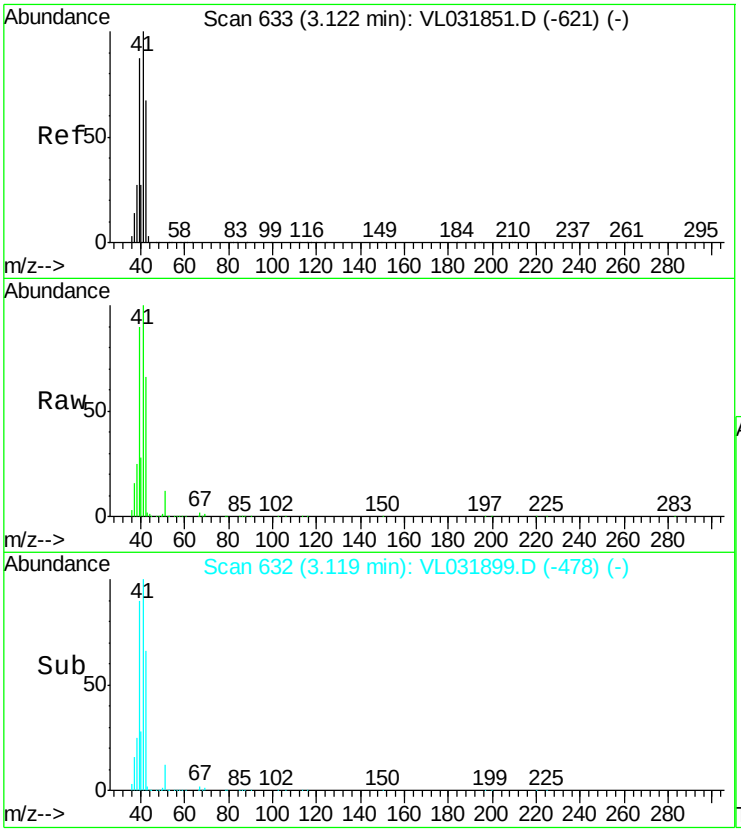




#8
Dichlorotetrafluoroethane
Concen: 8.98 ppbv
RT: 3.31 min Scan# 690
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 85 Resp: 1873456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 135 | 65.6 | 52.7 | 79.1 |



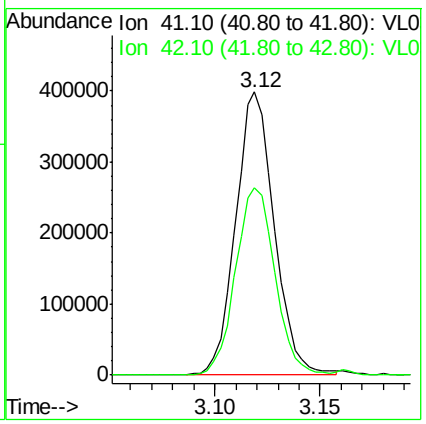


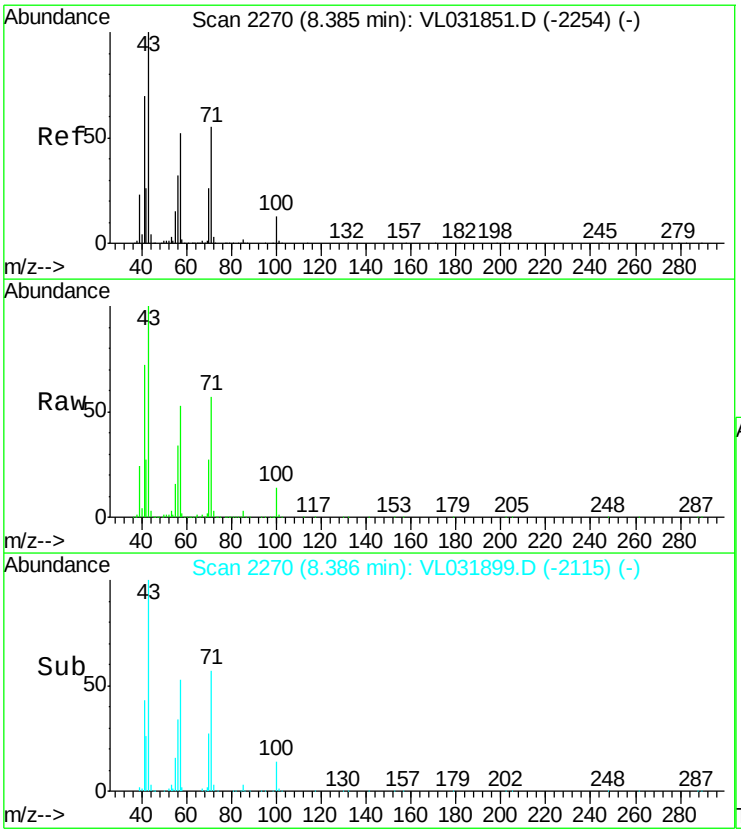

#9
Propene
Concen: 10.21 ppbv
RT: 3.12 min Scan# 632
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 41 Resp: 506124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 68.9 | 55.0 | 82.4 |

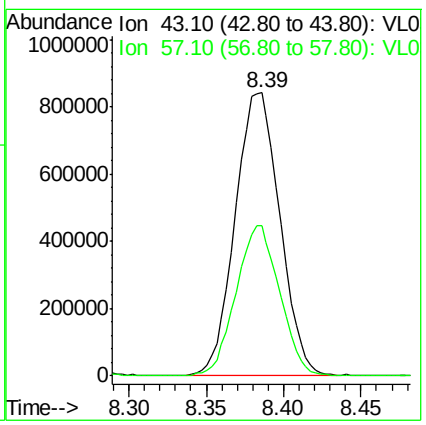


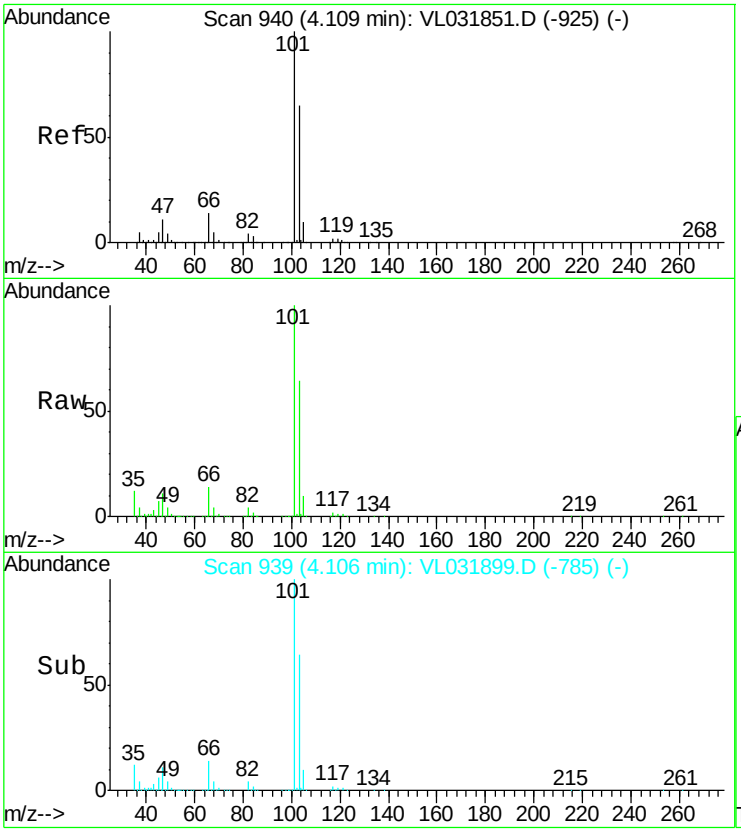




#10
Heptane
Concen: 10.46 ppbv
RT: 8.39 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 43 Resp: 1682015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 52.2 | 41.5 | 62.3 |



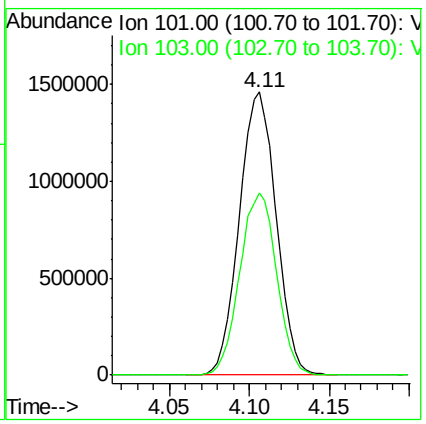


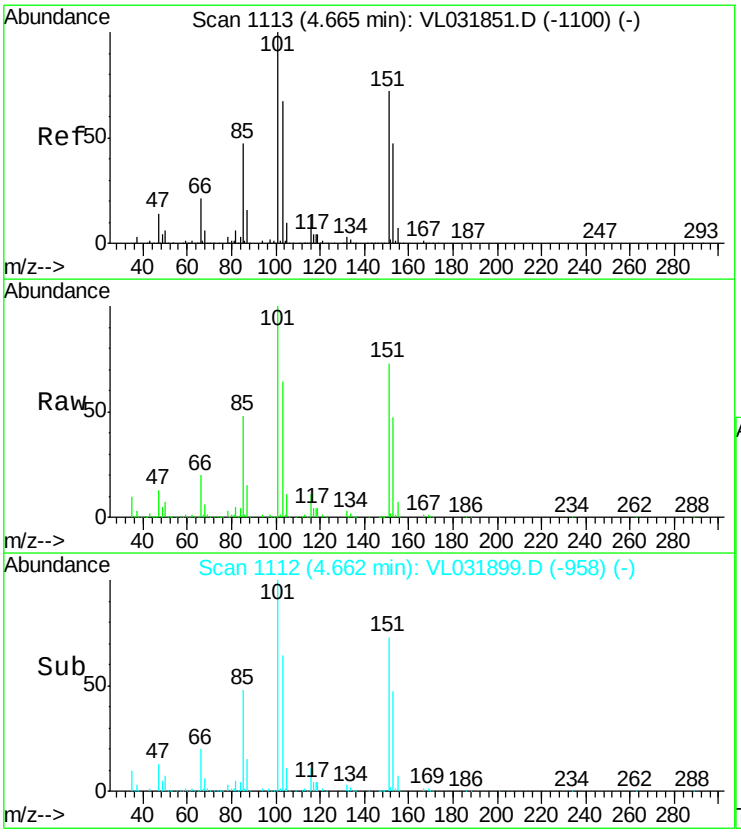

#11
Trichlorofluoromethane
Concen: 9.17 ppbv
RT: 4.11 min Scan# 939
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:101 Resp: 2285234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.5 | 51.8 | 77.8 |

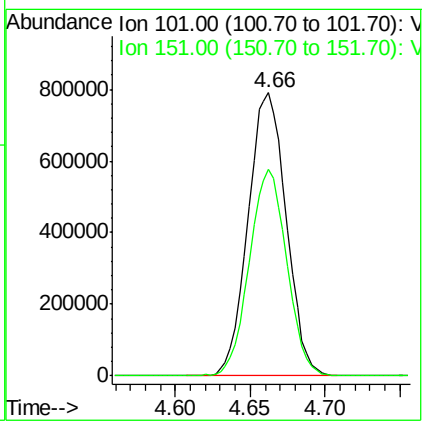


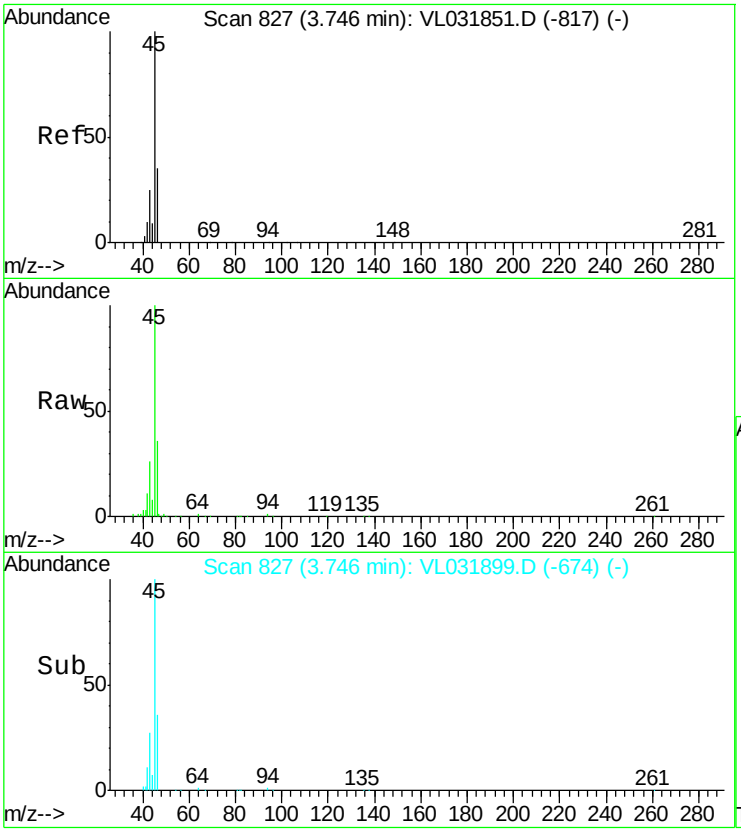




#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.66 ppbv
RT: 4.66 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion:101 Resp: 1402162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 151 | 71.7 | 57.0 | 85.6 |



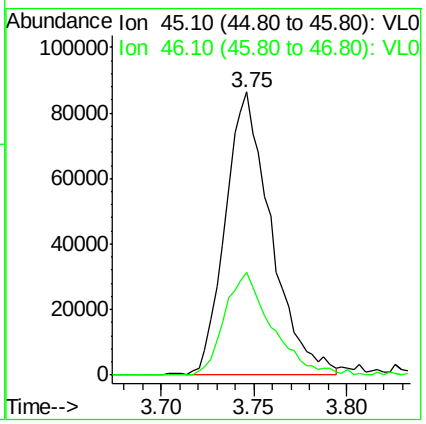


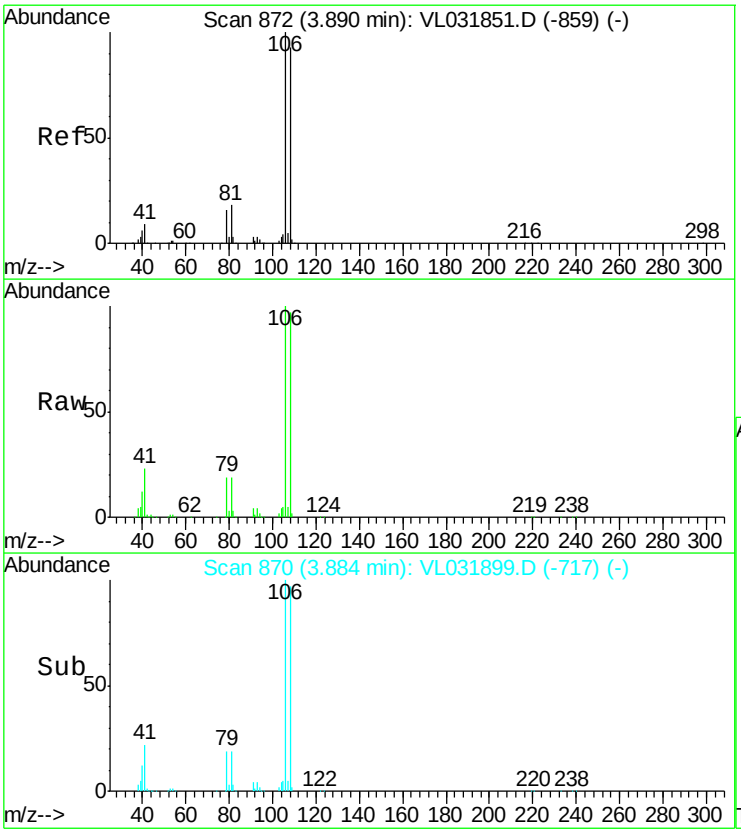

#13
Ethanol
Concen: 8.81 ppbv
RT: 3.75 min Scan# 827
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDCCC010EC

Tgt Ion: 45 Resp: 148240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 37.3 | 14.6 | 58.6 |

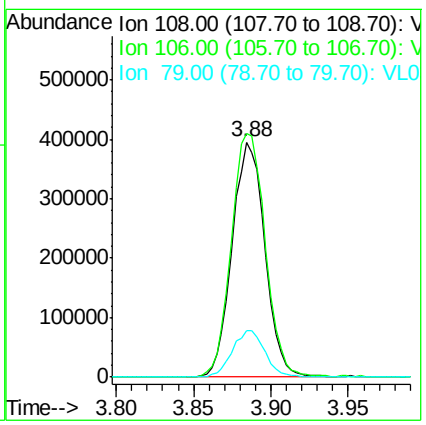


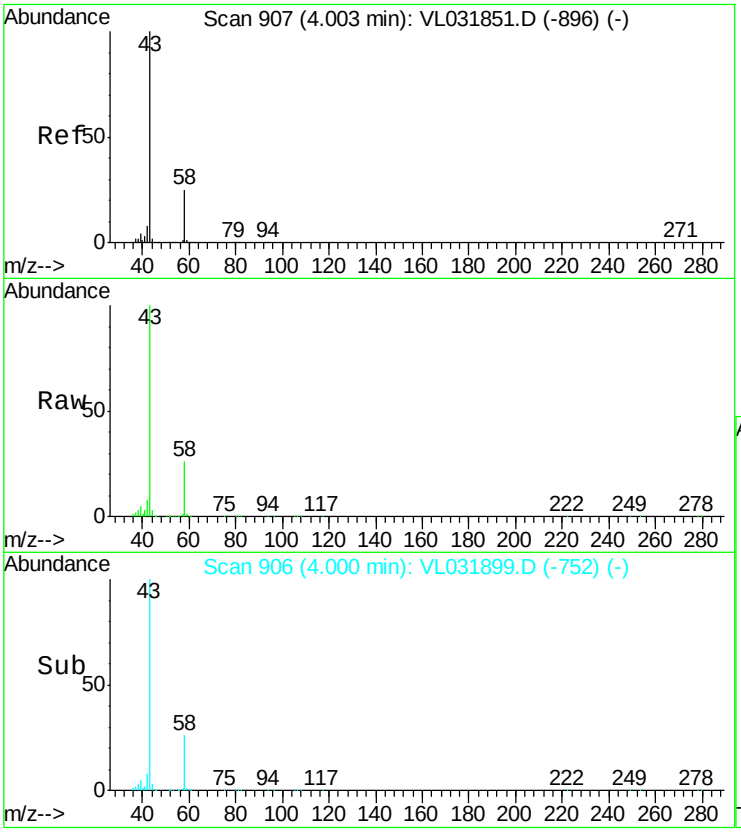




#14
Bromoethene
Concen: 9.50 ppbv
RT: 3.88 min Scan# 870
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion:108 Resp: 580349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 108 | 100 | | |
| 106 | 107.8 | 86.6 | 130.0 |
| 79 | 19.9 | 15.5 | 23.3 |



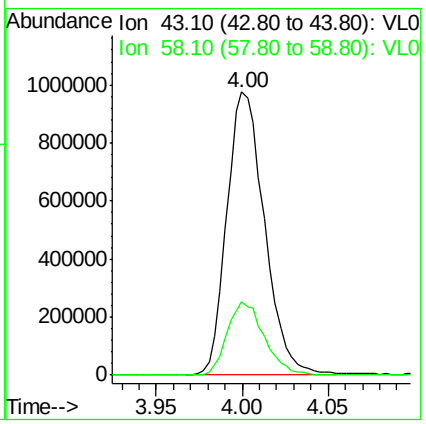


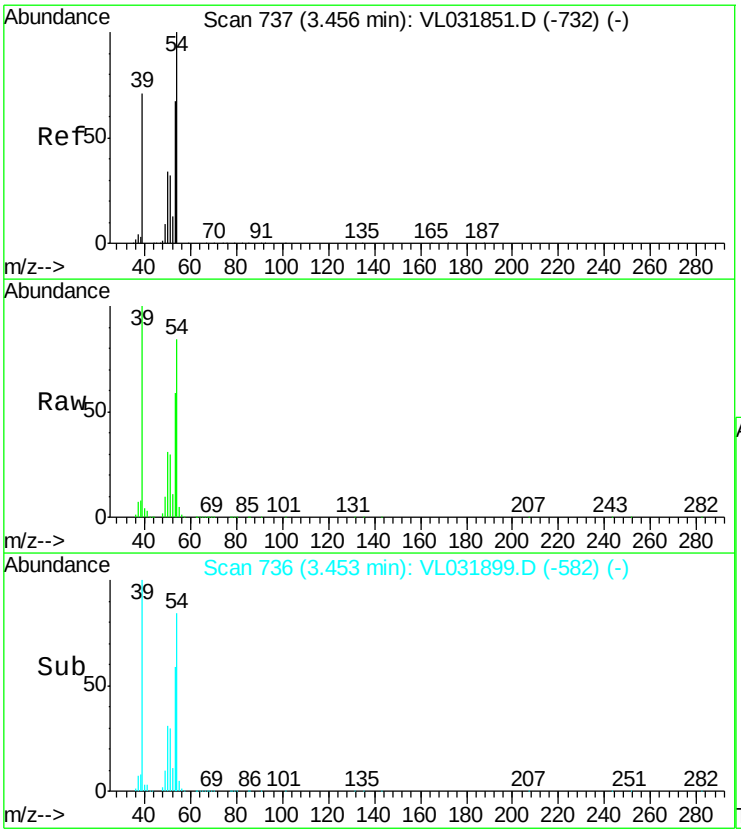

#15
Acetone
Concen: 7.83 ppbv
RT: 4.00 min Scan# 906
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDCCC010EC

Tgt Ion: 43 Resp: 1485705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 25.6 | 20.9 | 31.3 |

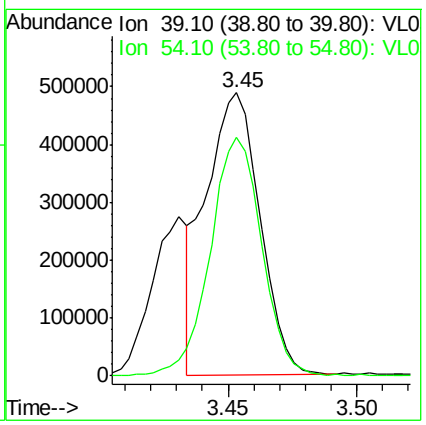


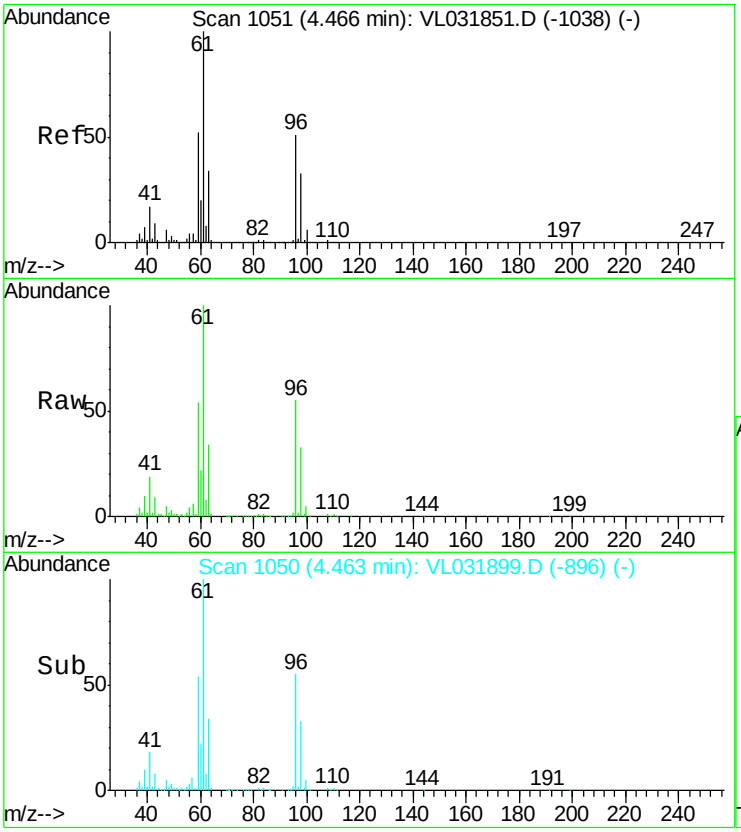




#16
1,3-Butadiene
Concen: 10.11 ppbv
RT: 3.45 min Scan# 736
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 39 Resp: 709745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 81.0 | 63.3 | 94.9 |



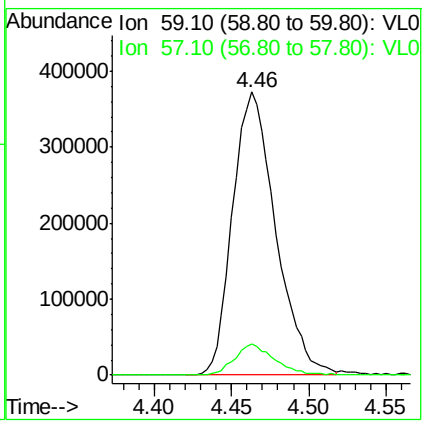


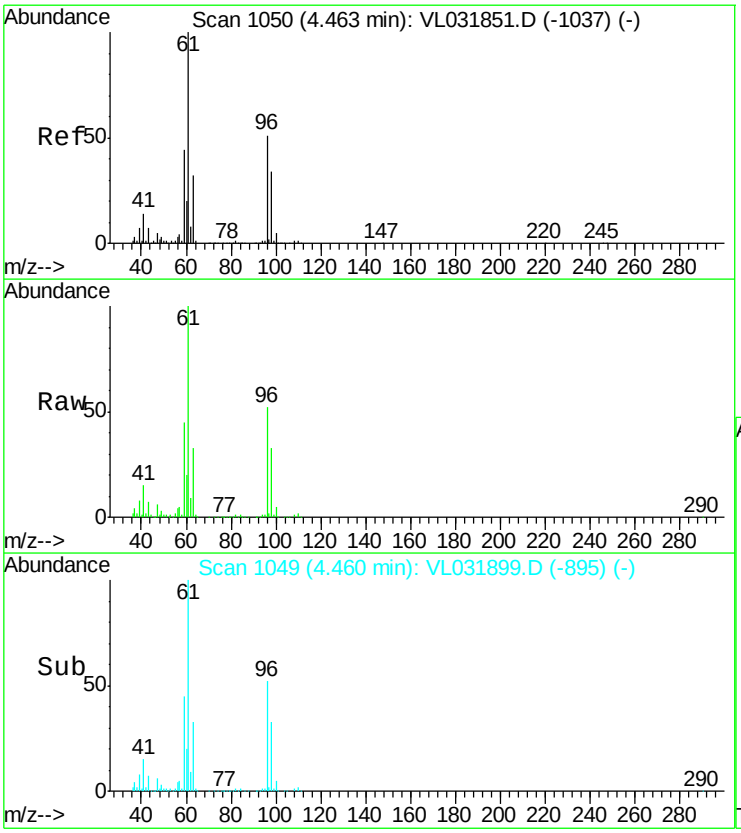

#17
tert-Butyl alcohol
Concen: 9.19 ppbv
RT: 4.46 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 59 Resp: 720472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.4 | 8.5 | 12.7 |

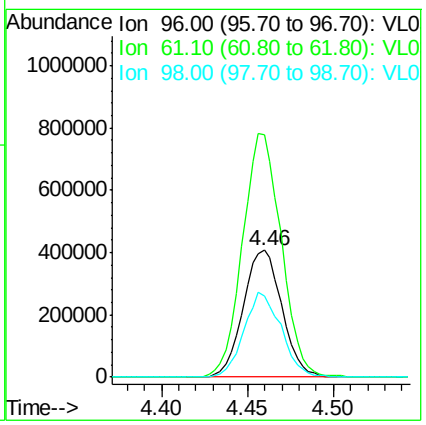


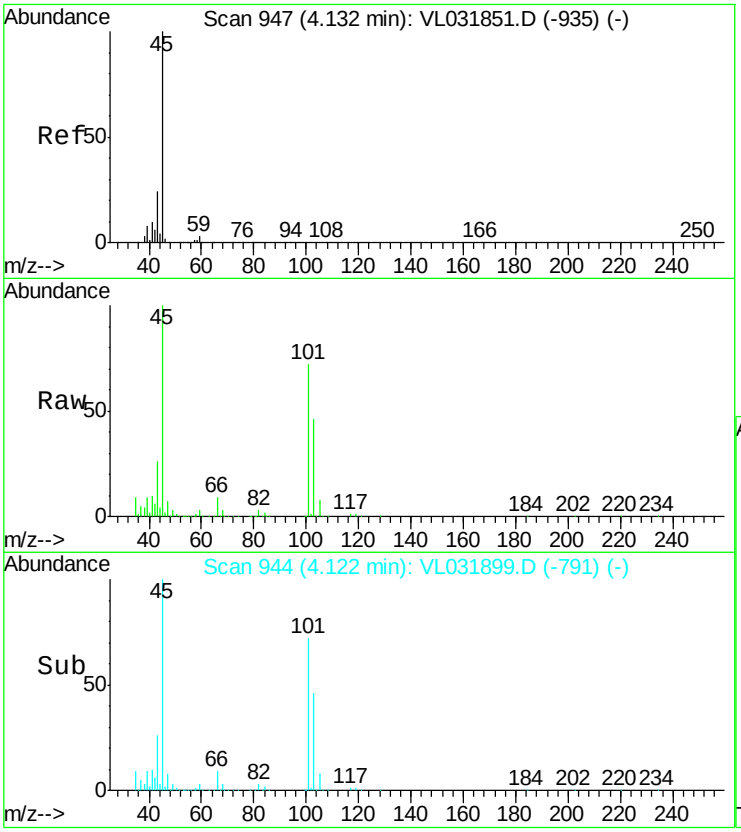




#18
1,1-Dichloroethene
Concen: 9.13 ppbv
RT: 4.46 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 96 Resp: 635266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 191.1 | 161.0 | 241.6 |
| 98 | 64.0 | 52.7 | 79.1 |



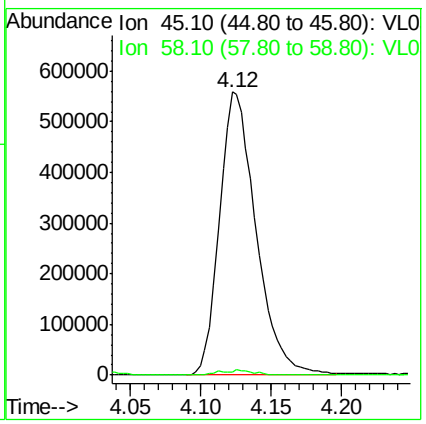


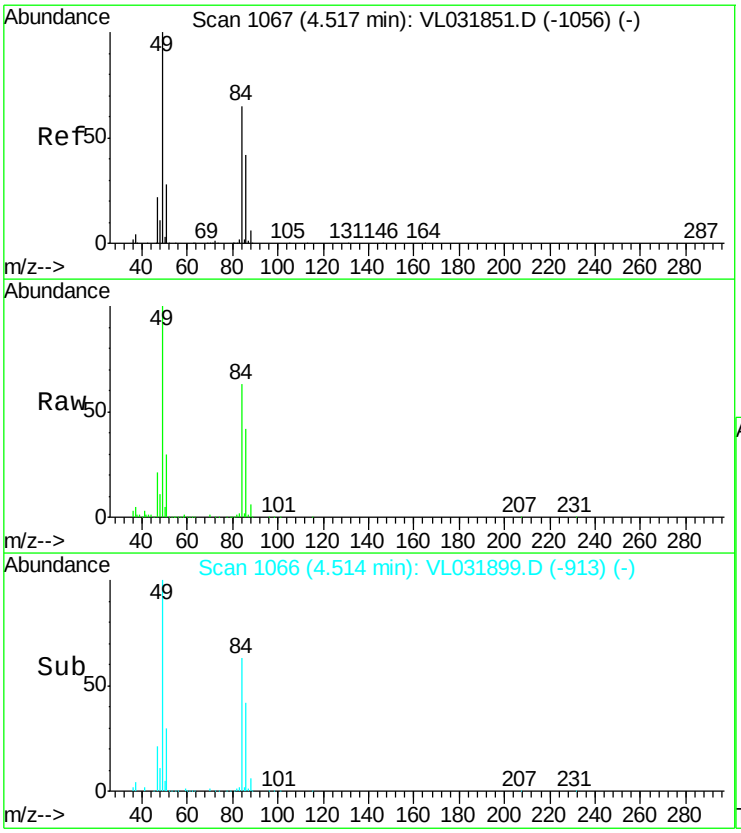

#19
Isopropyl Alcohol
Concen: 9.50 ppbv
RT: 4.12 min Scan# 944
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDCCC010EC

Tgt Ion: 45 Resp: 1006663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 1.7 | 1.7 | 2.5 |

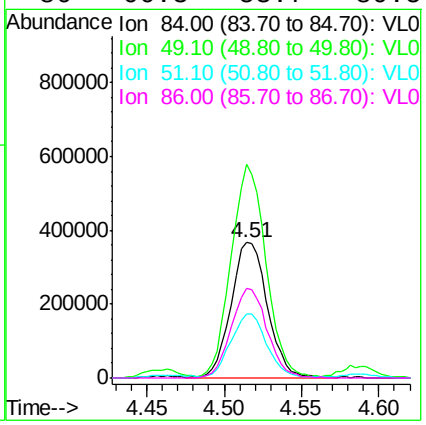


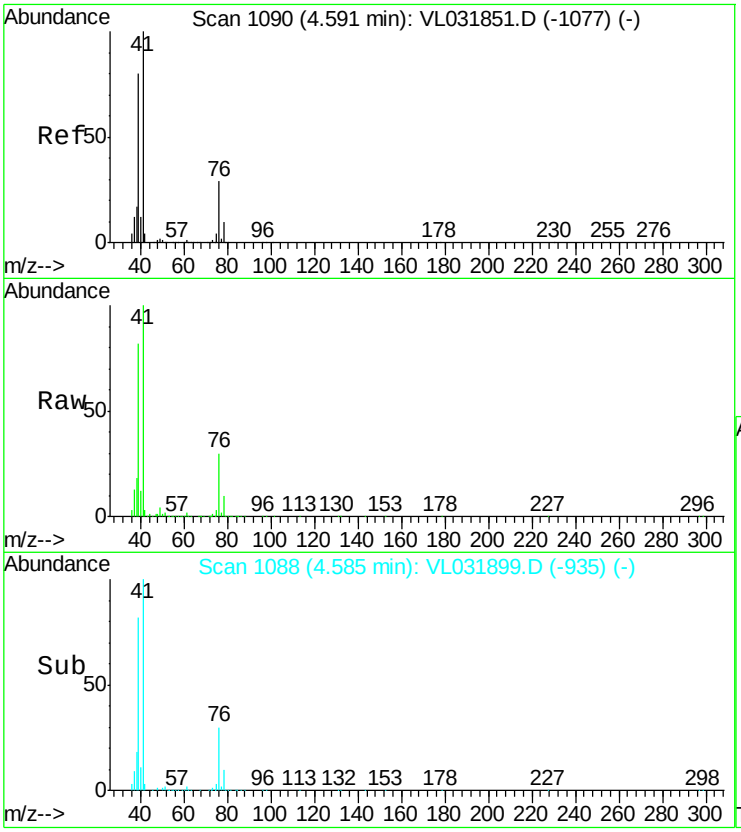




#20
Methylene Chloride
Concen: 8.63 ppbv
RT: 4.51 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 84 Resp: 596292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 156.2 | 125.6 | 188.4 |
| 51 | 46.8 | 36.4 | 54.6 |
| 86 | 66.3 | 53.7 | 80.5 |



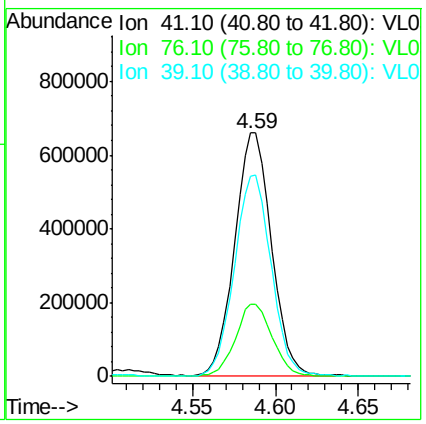


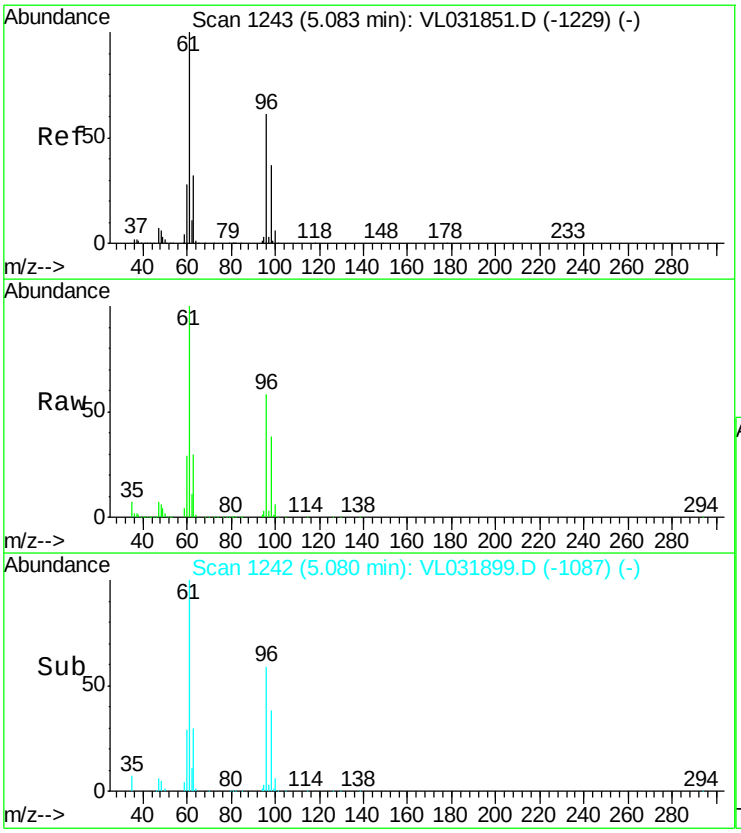

#21
Allyl Chloride
Concen: 9.35 ppbv
RT: 4.59 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDCCC010EC

Tgt Ion: 41 Resp: 1013489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 76 | 29.8 | 23.4 | 35.2 |
| 39 | 83.0 | 67.6 | 101.4 |

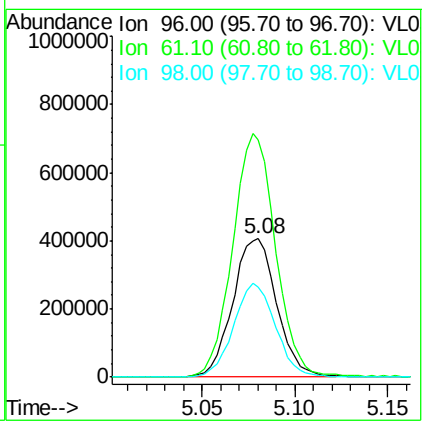


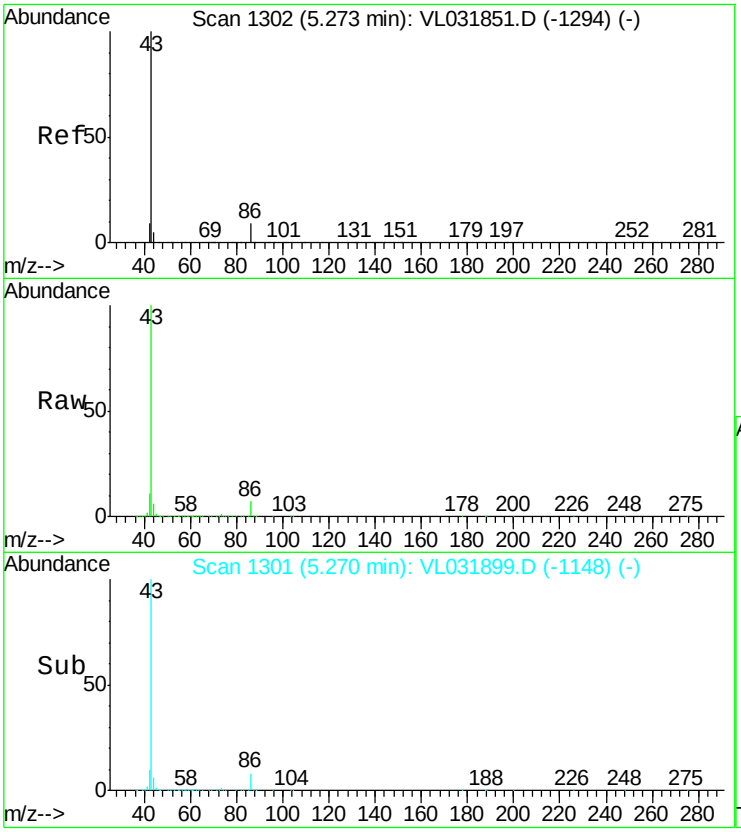




#22
trans-1,2-Dichloroethene
Concen: 9.24 ppbv
RT: 5.08 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 96 Resp: 666308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 171.3 | 131.1 | 196.7 |
| 98 | 65.0 | 47.6 | 71.4 |



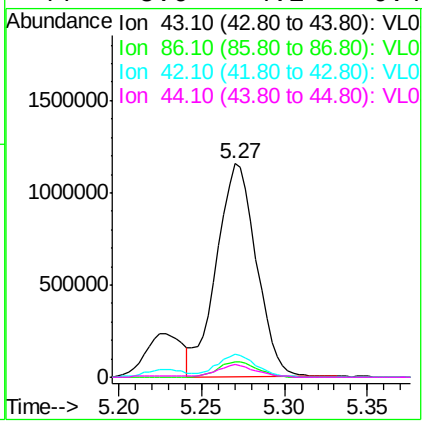


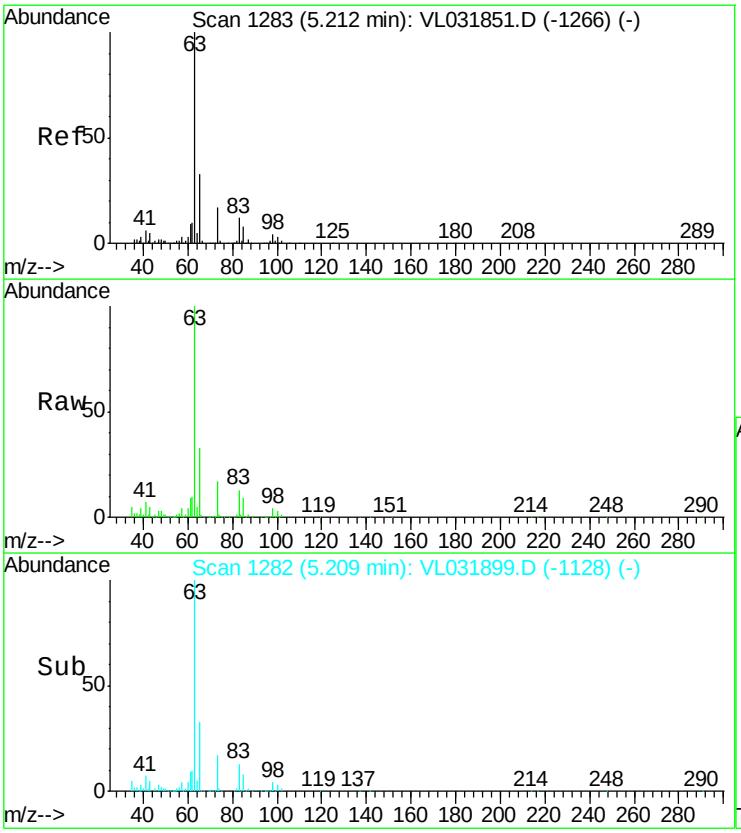

#23
Vinyl Acetate
Concen: 10.06 ppbv
RT: 5.27 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDCCC010EC

Tgt Ion: 43 Resp: 1934788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 7.5 | 5.8 | 8.8 |
| 42 | 10.5 | 8.5 | 12.7 |
| 44 | 5.6 | 4.2 | 6.4 |

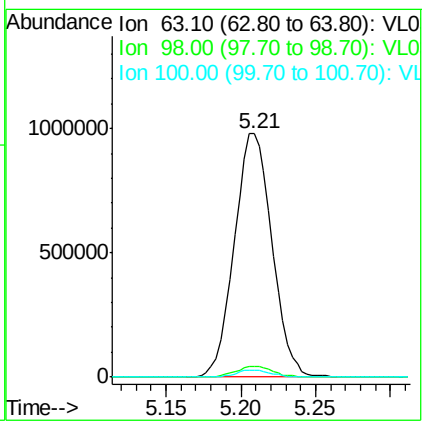


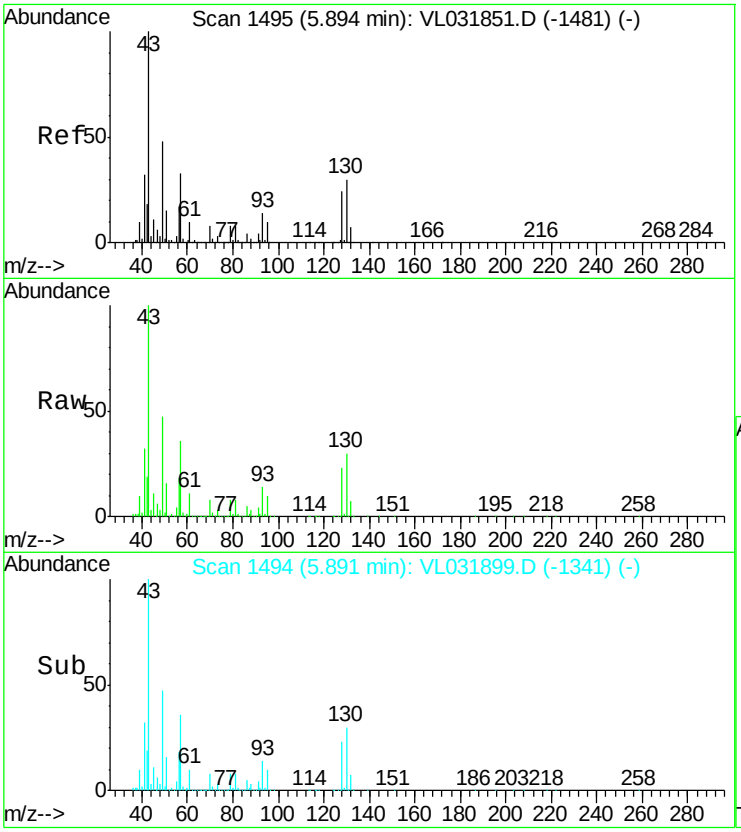




#24
1,1-Dichloroethane
Concen: 8.96 ppbv
RT: 5.21 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 63 Resp: 1715916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 4.3 | 2.4 | 7.2 |
| 100 | 2.7 | 1.5 | 4.4 |



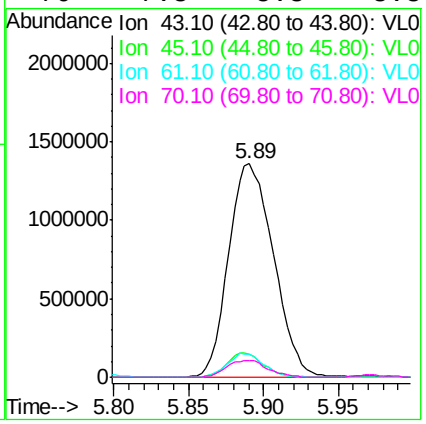


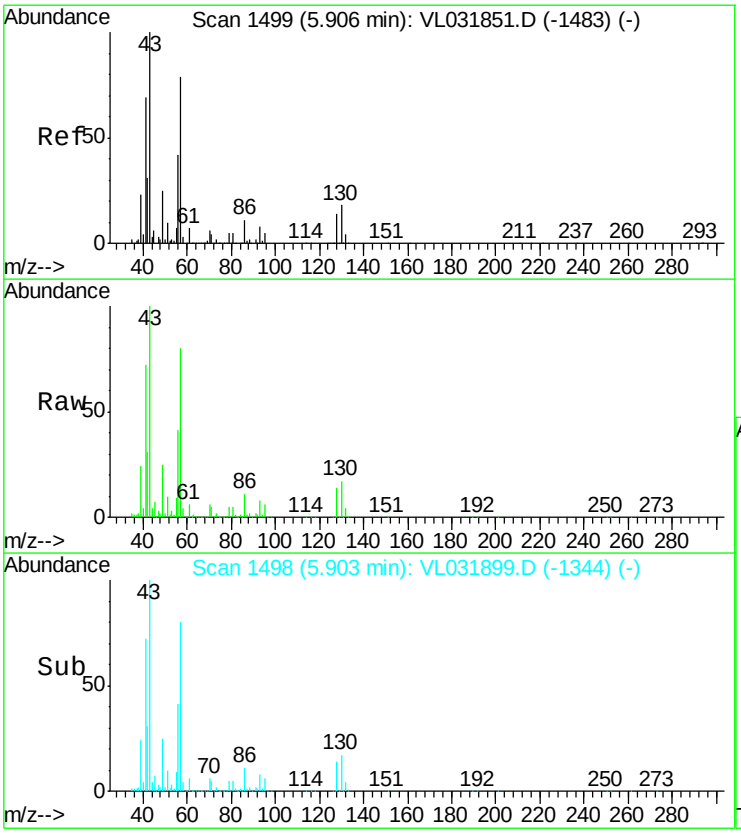

#25
Ethyl Acetate
Concen: 9.59 ppbv
RT: 5.89 min Scan# 1494
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDCCC010EC

Tgt Ion: 43 Resp: 2836407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 9.6 | 7.8 | 11.8 |
| 61 | 9.0 | 7.2 | 10.8 |
| 70 | 7.3 | 5.8 | 8.8 |

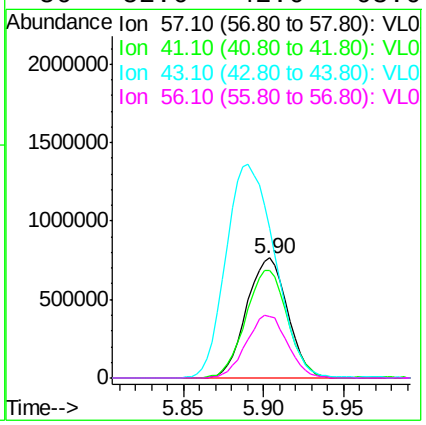


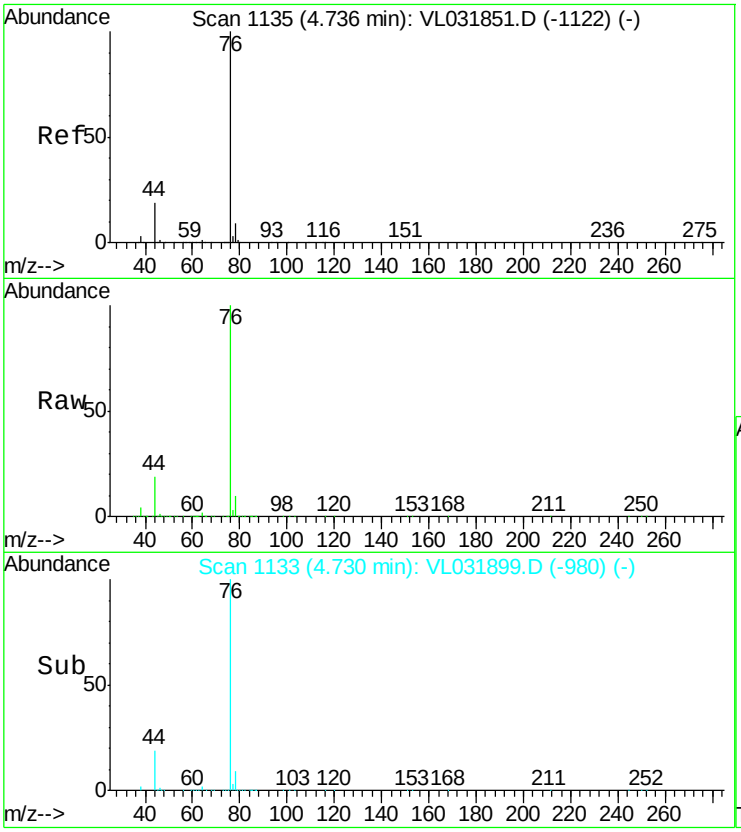




#26
Hexane
Concen: 9.75 ppbv
RT: 5.90 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 57 Resp: 1344929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 91.4 | 72.0 | 108.0 |
| 43 | 212.3 | 169.8 | 254.8 |
| 56 | 52.6 | 42.0 | 63.0 |



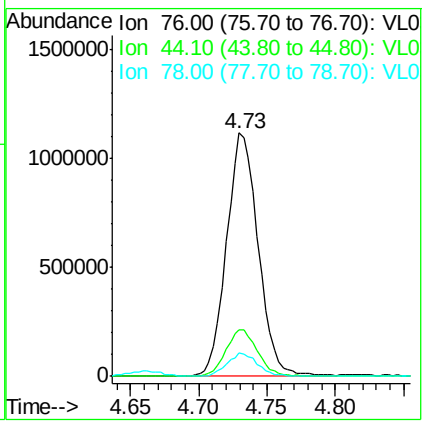


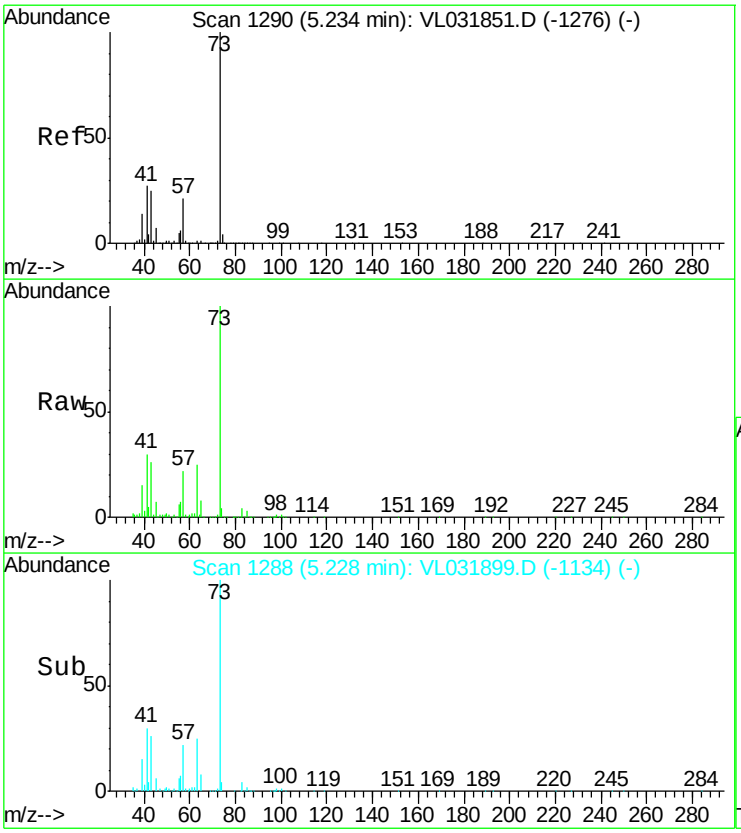

#27
Carbon Disulfide
Concen: 10.03 ppbv
RT: 4.73 min Scan# 1133
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDCCC010EC

Tgt Ion: 76 Resp: 1795910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 44 | 19.0 | 15.6 | 23.4 |
| 78 | 9.3 | 7.6 | 11.4 |

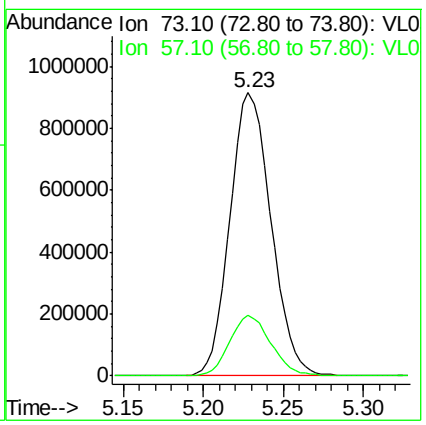


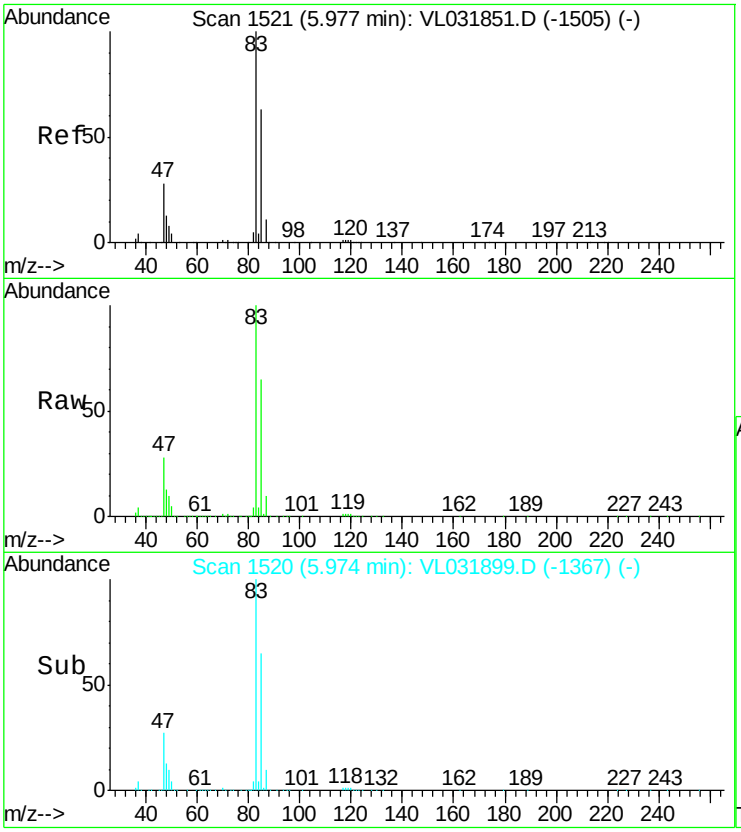




#28
Methyl tert-Butyl Ether
Concen: 9.41 ppbv
RT: 5.23 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 73 Resp: 1597072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 21.6 | 17.6 | 26.4 |



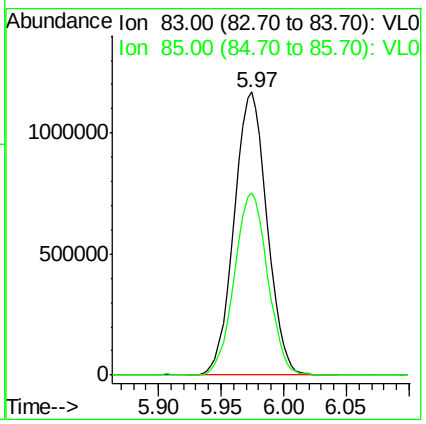


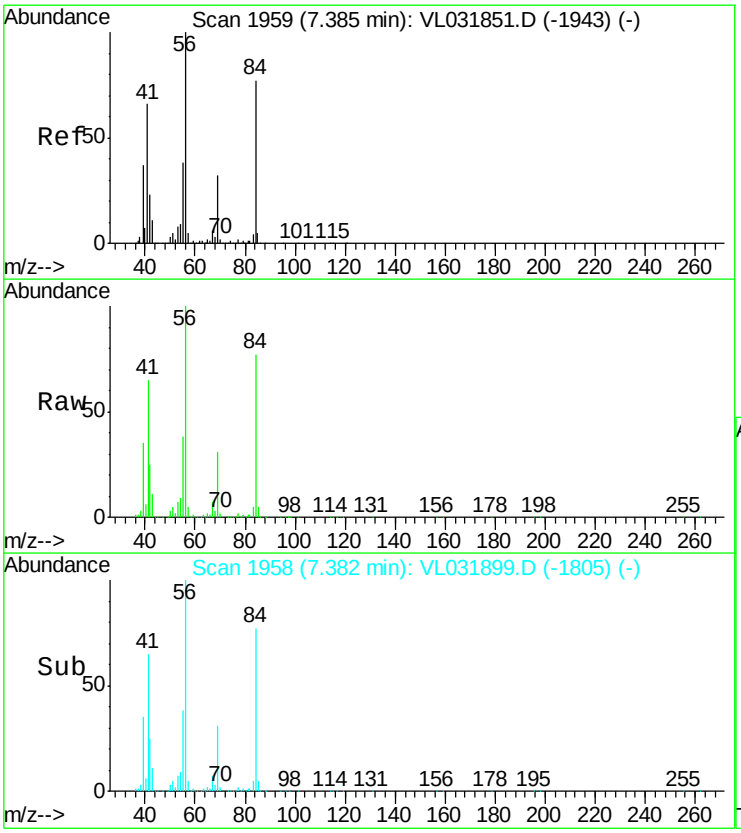

#29
Chloroform
Concen: 9.15 ppbv
RT: 5.97 min Scan# 1520
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDCCC010EC

Tgt Ion: 83 Resp: 2139080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.5 | 51.4 | 77.0 |

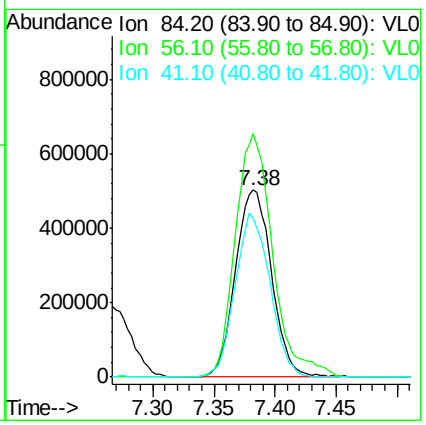


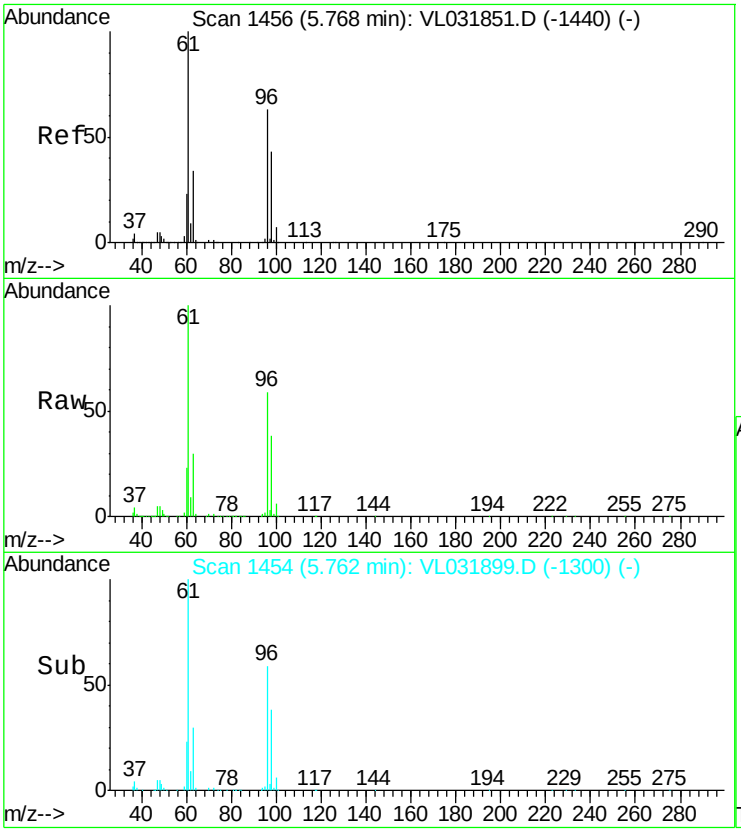




#30
Cyclohexane
Concen: 10.40 ppbv
RT: 7.38 min Scan# 1958
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 84 Resp: 1024512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 136.1 | 107.7 | 161.5 |
| 41 | 84.8 | 68.2 | 102.2 |



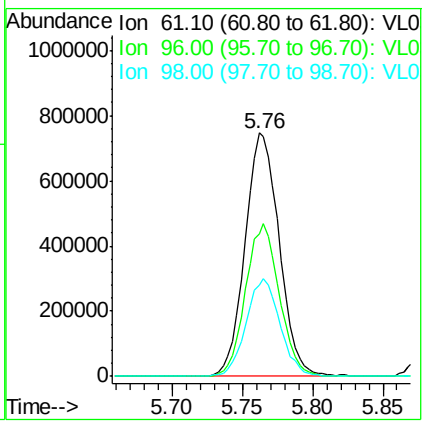


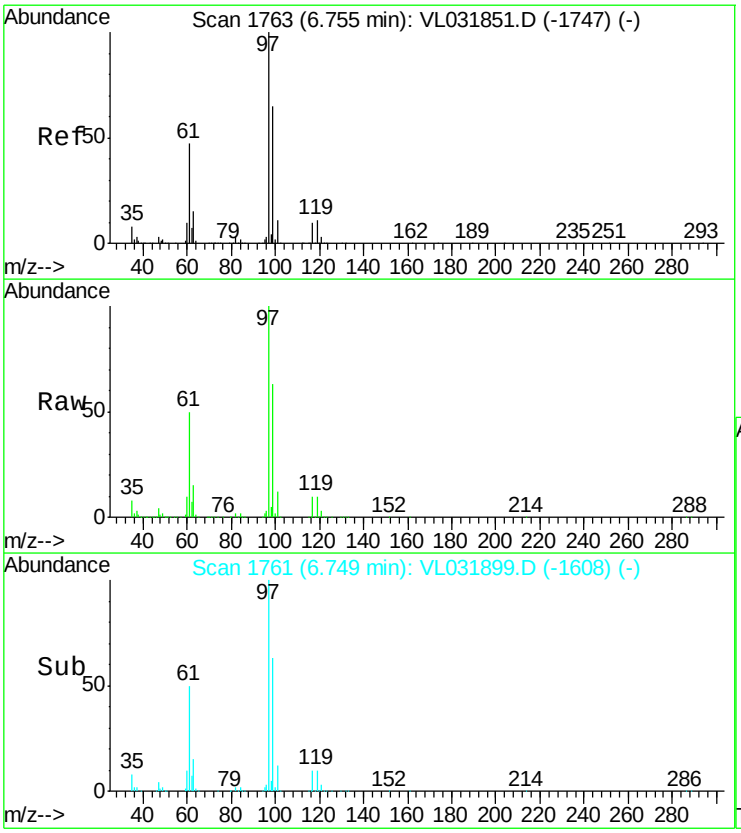

#31
cis-1,2-Dichloroethene
Concen: 10.14 ppbv
RT: 5.76 min Scan# 1454
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 61 Resp: 1267062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 61 | 100 | | |
| 96 | 58.7 | 47.6 | 71.4 |
| 98 | 37.5 | 30.3 | 45.5 |

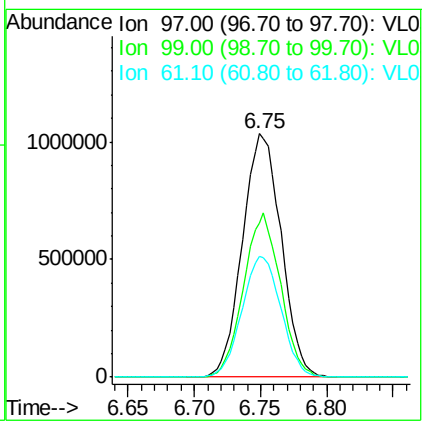


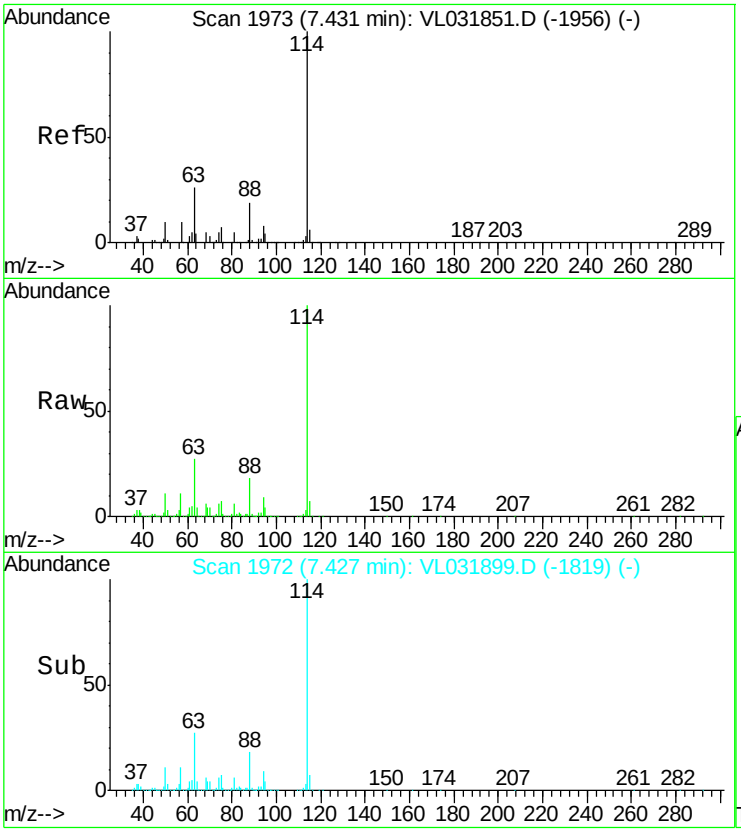




#32
1,1,1-Trichloroethane
Concen: 9.27 ppbv
RT: 6.75 min Scan# 1761
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 97 Resp: 2110617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.0 | 51.5 | 77.3 |
| 61 | 49.8 | 40.0 | 60.0 |



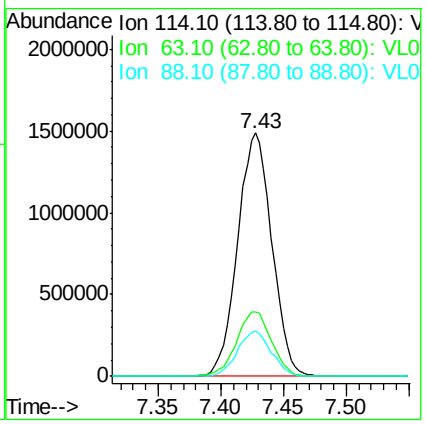


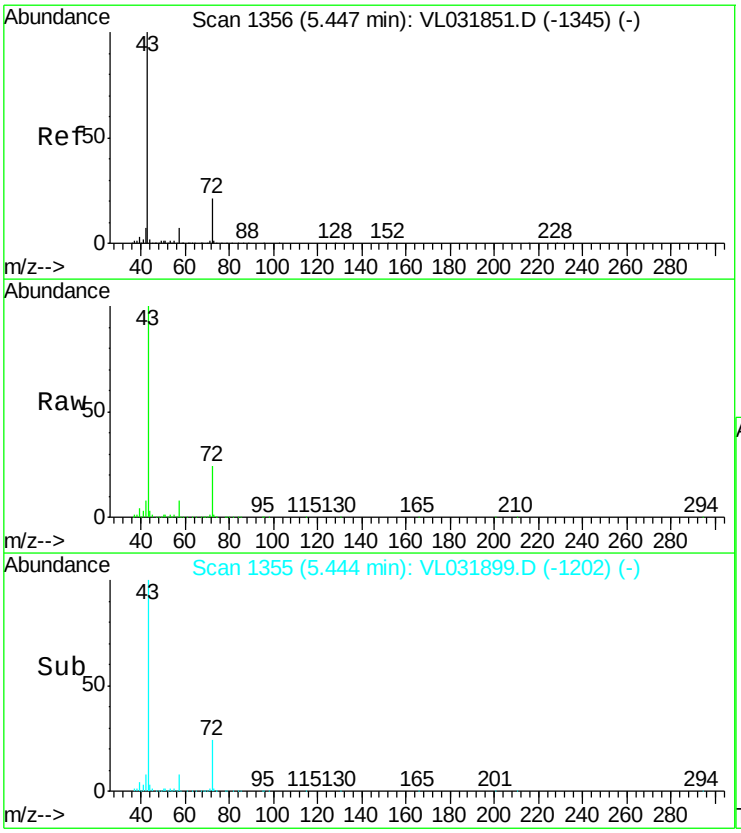

#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.43 min Scan# 1972
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:114 Resp: 2821835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 27.5 | 21.8 | 32.6 |
| 88 | 18.5 | 14.6 | 22.0 |

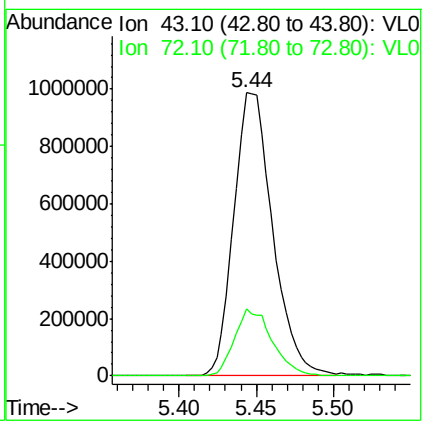


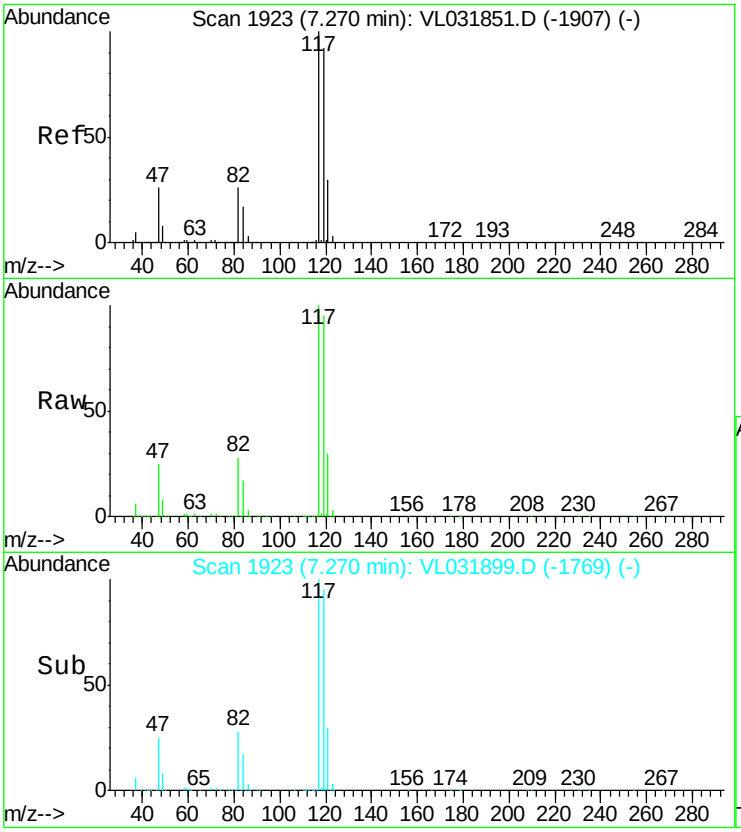




#34
2-Butanone
Concen: 8.80 ppbv
RT: 5.44 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 43 Resp: 1721839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 22.9 | 18.6 | 27.8 |



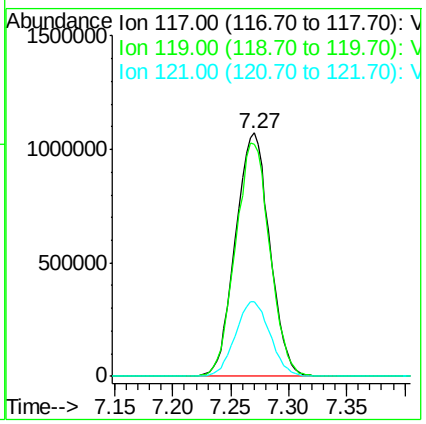


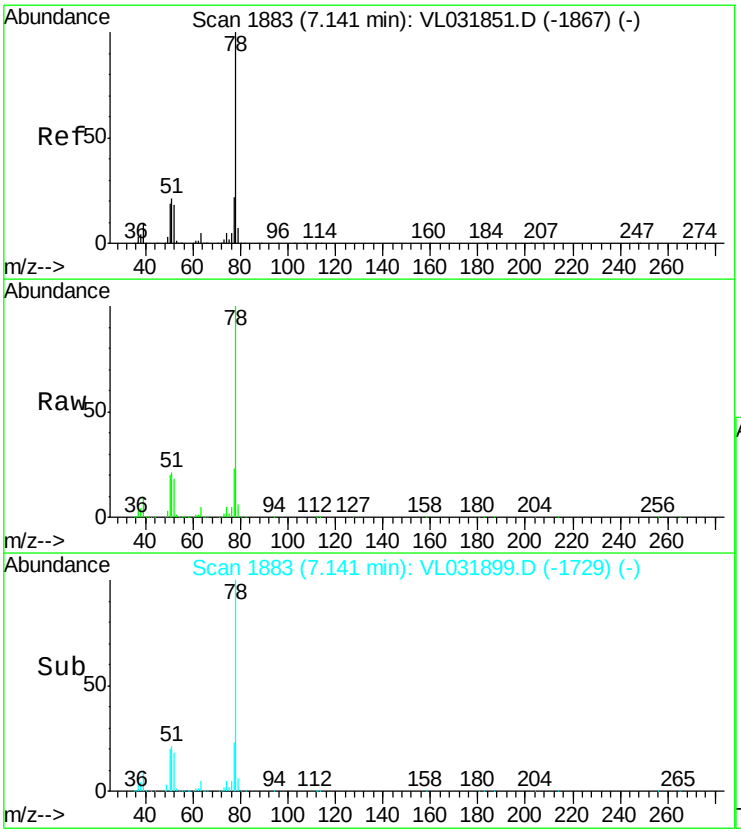

#35
Carbon Tetrachloride
Concen: 8.98 ppbv
RT: 7.27 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:117 Resp: 2201128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.4 | 76.9 | 115.3 |
| 121 | 30.4 | 24.5 | 36.7 |

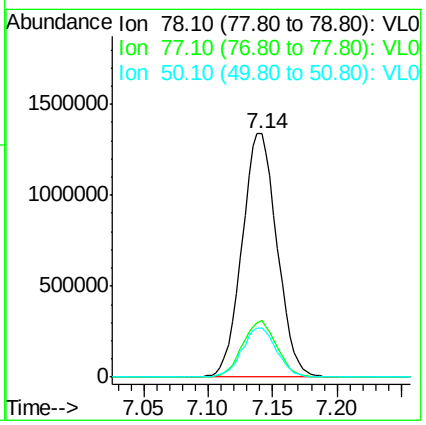


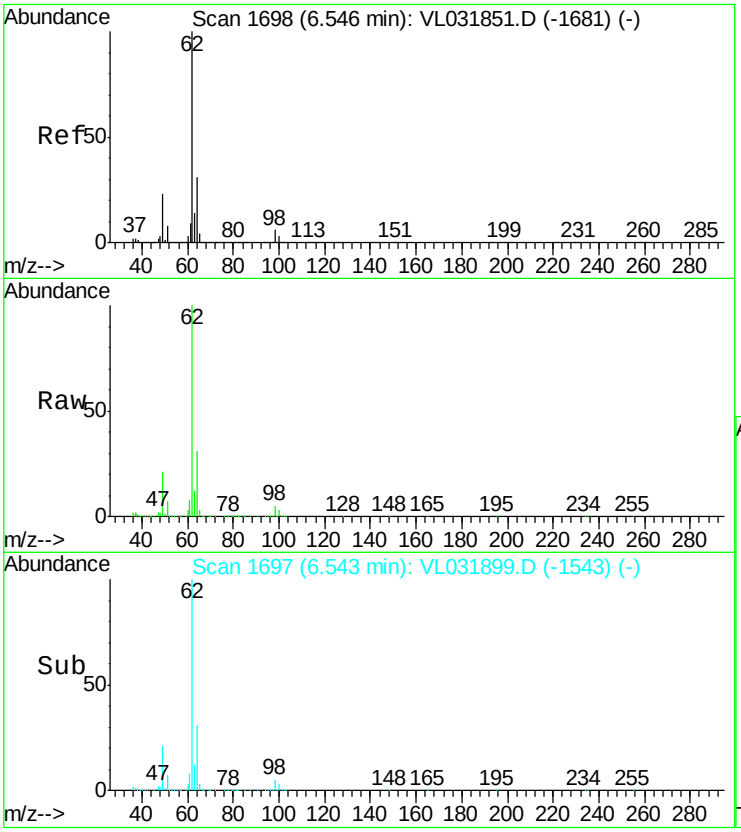




#36
Benzene
Concen: 9.97 ppbv
RT: 7.14 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 78 Resp: 2531499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.1 | 19.2 | 28.8 |
| 50 | 20.0 | 16.7 | 25.1 |



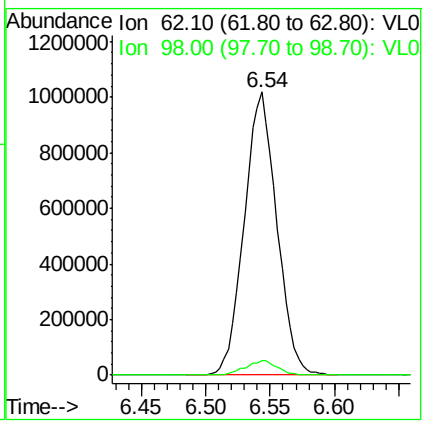


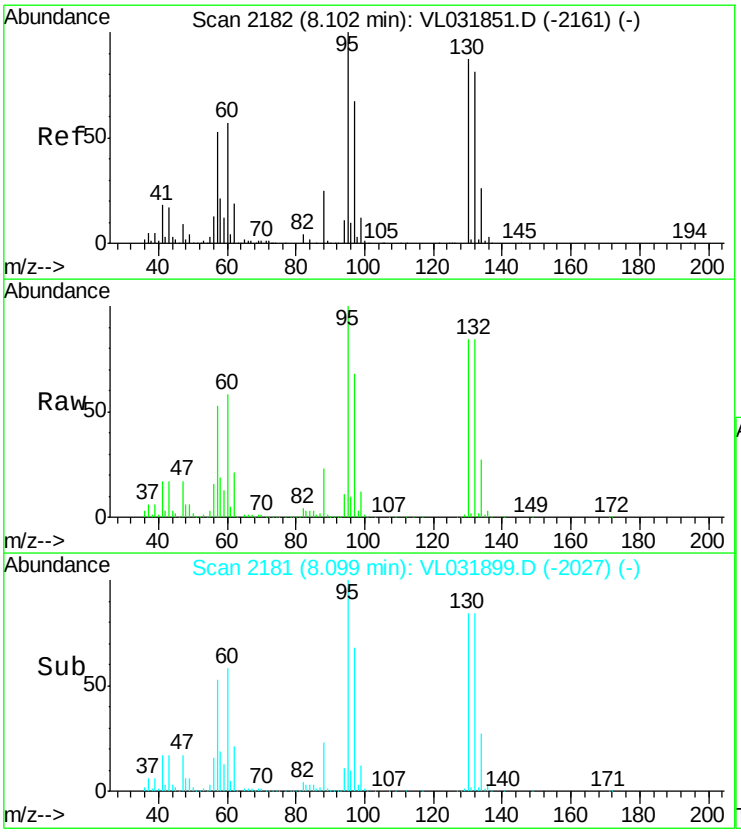

#37
1,2-Dichloroethane
Concen: 9.48 ppbv
RT: 6.54 min Scan# 1697
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDCCC010EC

Tgt Ion: 62 Resp: 1790943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 5.1 | 4.0 | 6.0 |

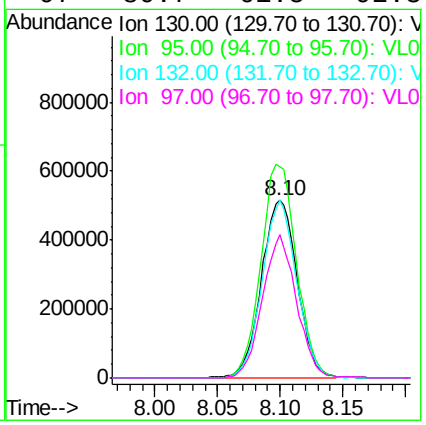


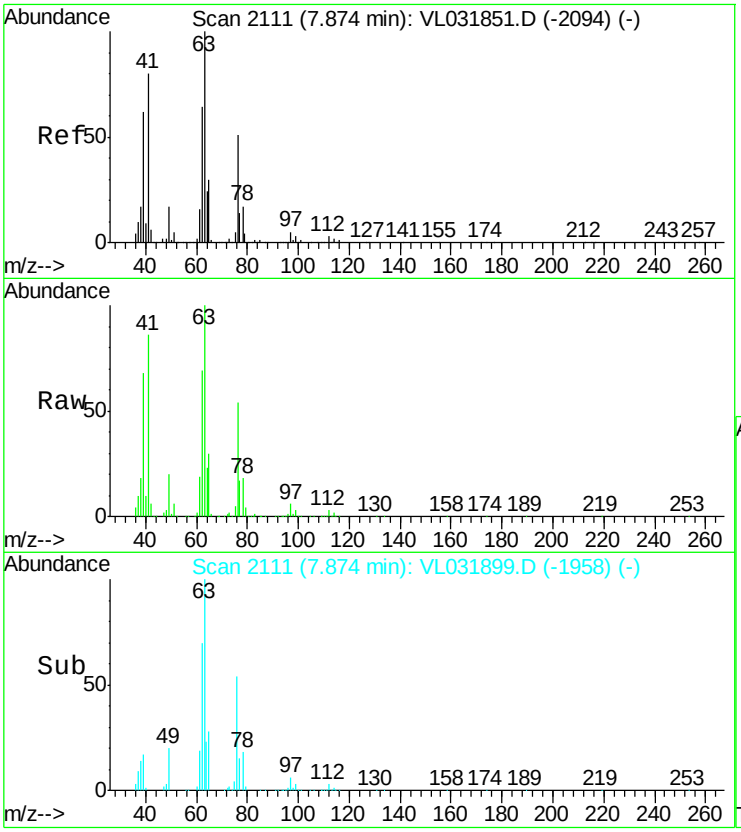




#38
Trichloroethene
Concen: 9.95 ppbv
RT: 8.10 min Scan# 2181
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion:130 Resp: 1025249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 119.0 | 96.6 | 144.8 |
| 132 | 100.1 | 79.1 | 118.7 |
| 97 | 80.7 | 61.5 | 92.3 |



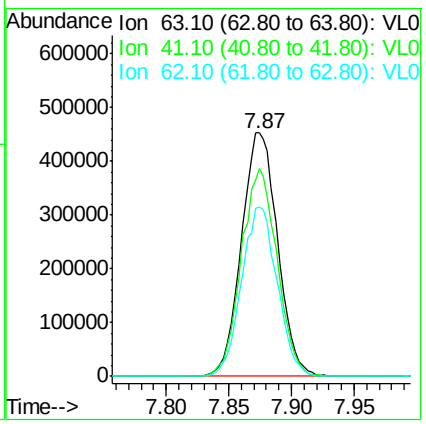


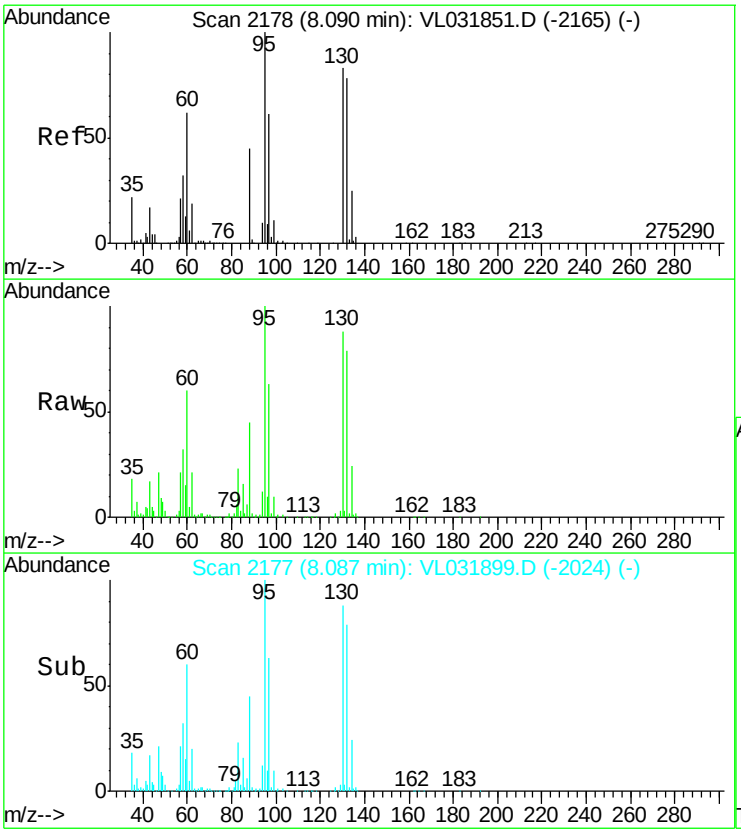

#39
1,2-Dichloropropane
Concen: 9.62 ppbv
RT: 7.87 min Scan# 2111
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 63 Resp: 907988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 85.4 | 65.8 | 98.6 |
| 62 | 69.3 | 55.0 | 82.6 |

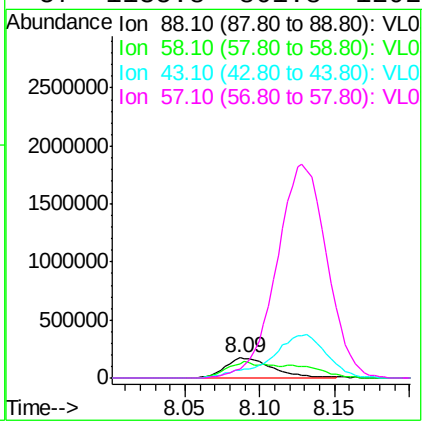


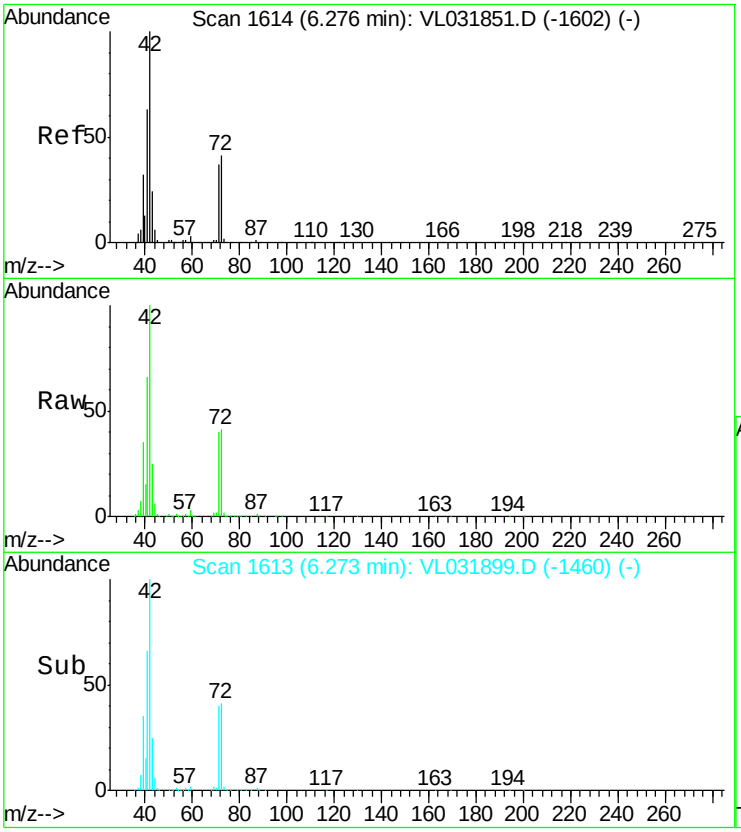




#40
1,4-Dioxane
Concen: 9.89 ppbv
RT: 8.09 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 88 Resp: 378915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 129.4 | 98.5 | 147.7 |
| 43 | 257.6 | 194.3 | 291.5 |
| 57 | 1135.8 | 861.8 | 1292.6 |



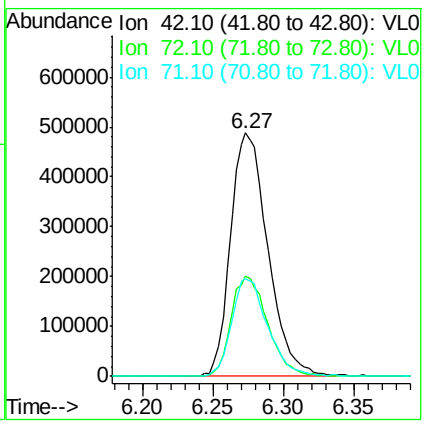


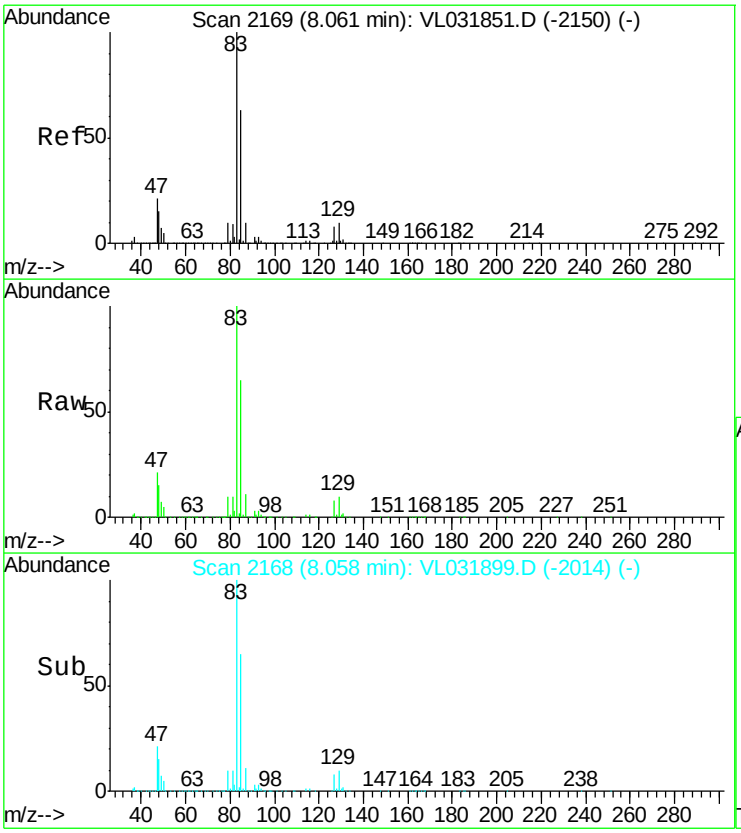

#41
Tetrahydrofuran
Concen: 9.99 ppbv
RT: 6.27 min Scan# 1613
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 42 Resp: 905316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 40.3 | 33.2 | 49.8 |
| 71 | 39.1 | 31.5 | 47.3 |

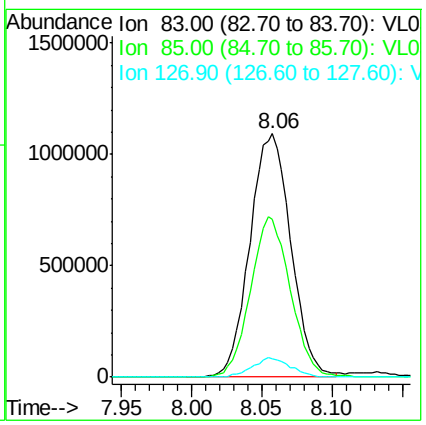


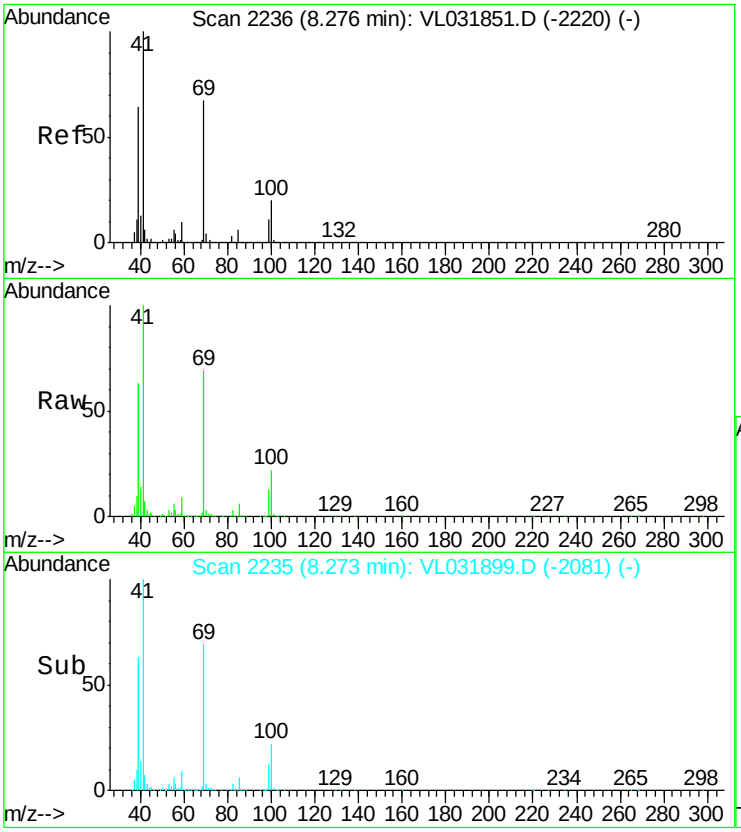




#42
Bromodichloromethane
Concen: 9.83 ppbv
RT: 8.06 min Scan# 2168
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 83 Resp: 2221117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.1 | 50.5 | 75.7 |
| 127 | 7.6 | 6.0 | 9.0 |



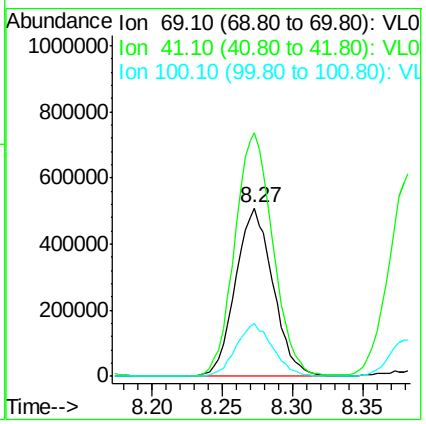


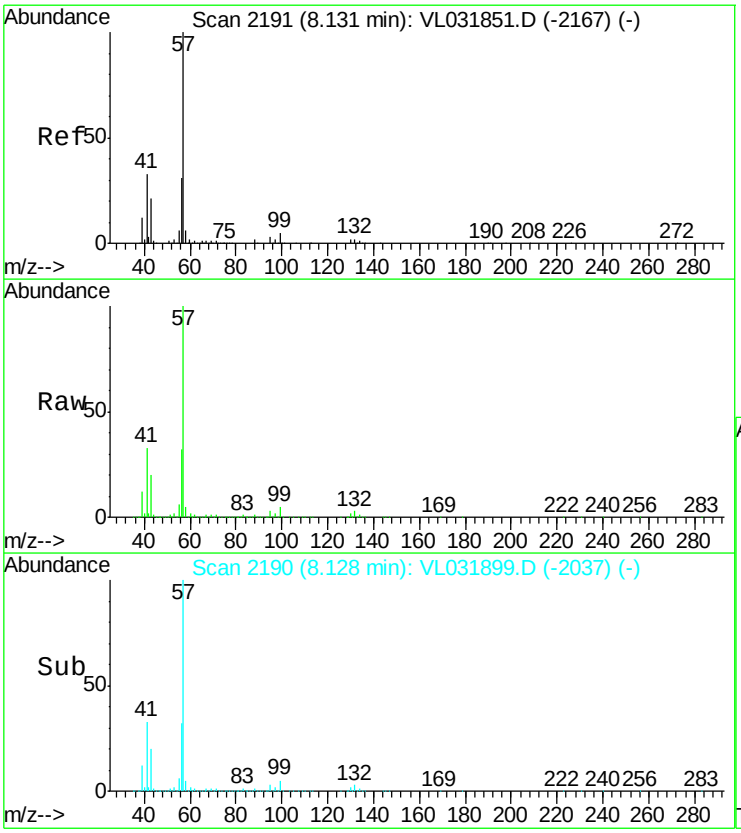

#43
Methyl Methacrylate
Concen: 10.63 ppbv
RT: 8.27 min Scan# 2235
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDCCC010EC

Tgt Ion: 69 Resp: 949254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 146.7 | 117.8 | 176.8 |
| 100 | 30.7 | 24.6 | 37.0 |

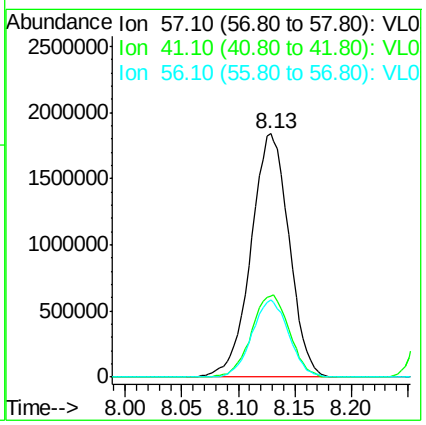


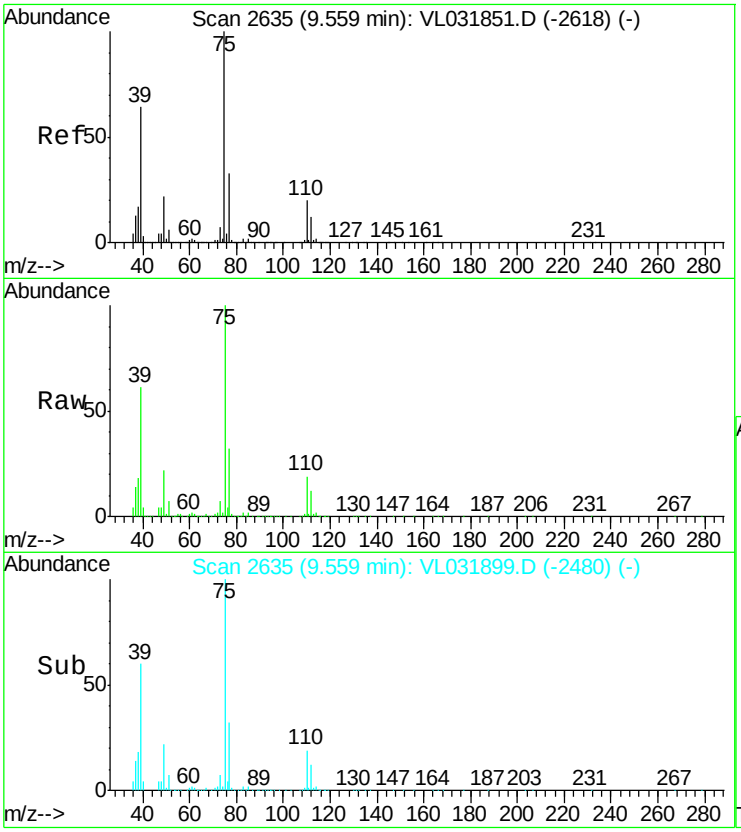




#44
2,2,4-Trimethylpentane
Concen: 9.82 ppbv
RT: 8.13 min Scan# 2190
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 57 Resp: 4294760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 33.7 | 27.0 | 40.6 |
| 56 | 30.8 | 24.1 | 36.1 |



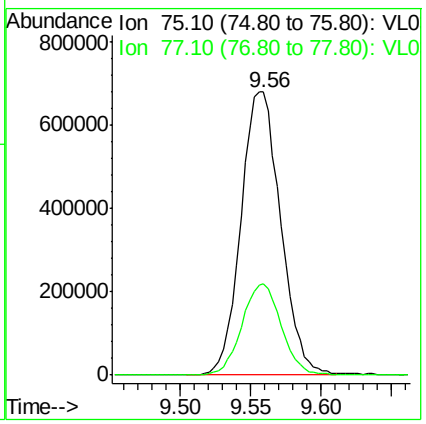


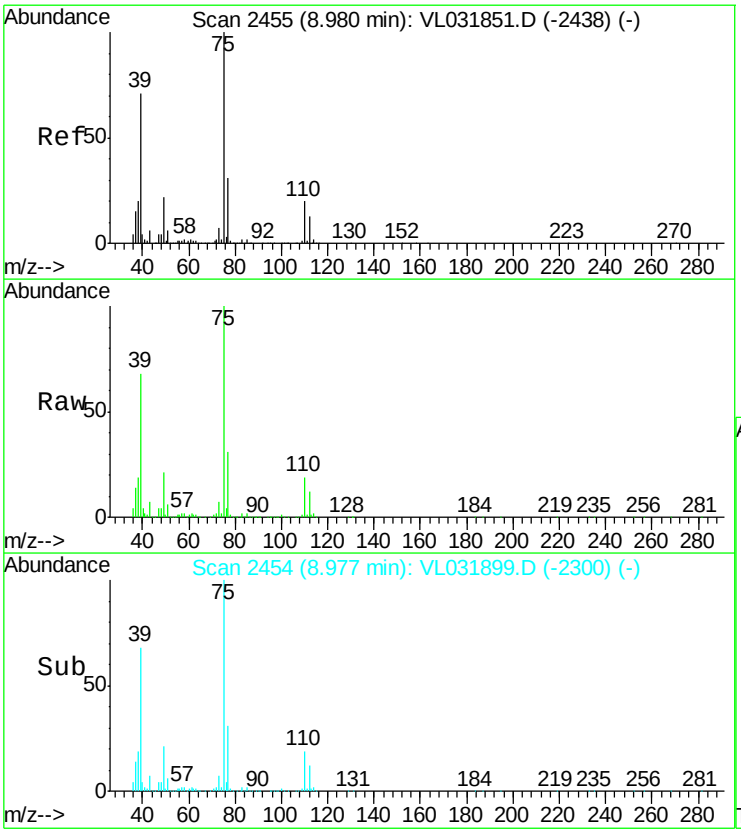

#45
t-1,3-Dichloropropene
Concen: 11.58 ppbv
RT: 9.56 min Scan# 2635
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 75 Resp: 1341540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.2 | 25.1 | 37.7 |

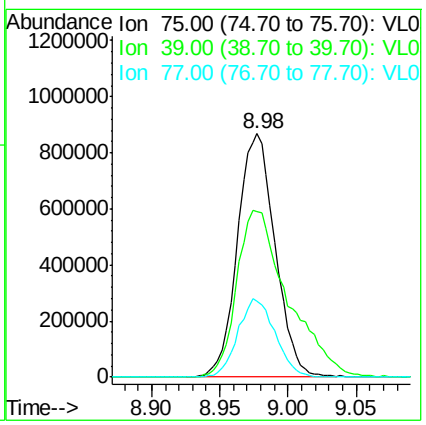


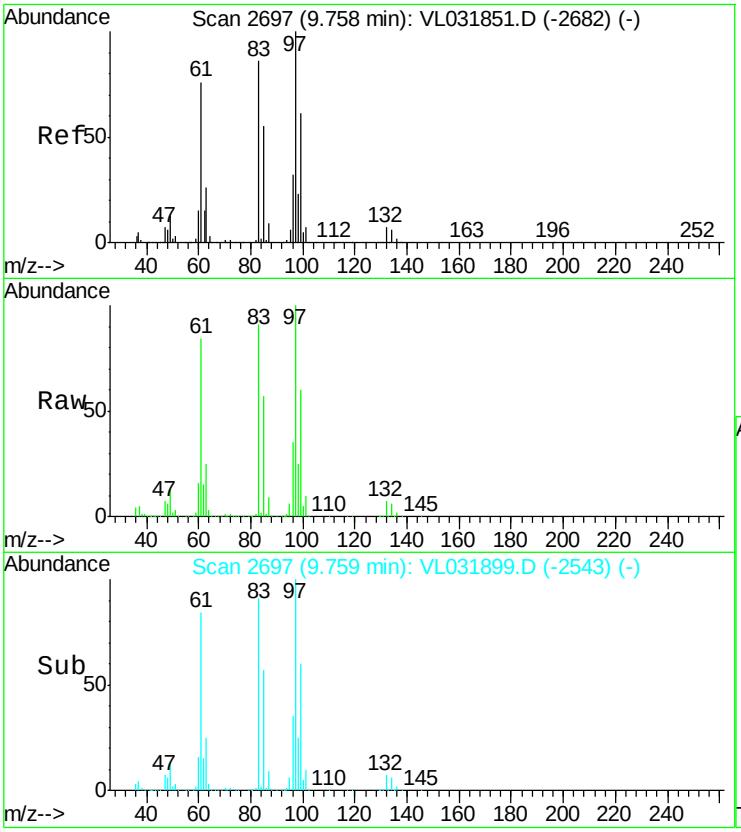




#46
cis-1,3-Dichloropropene
Concen: 11.22 ppbv
RT: 8.98 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 75 Resp: 1661009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 39 | 68.1 | 58.6 | 87.8 |
| 77 | 31.1 | 26.8 | 40.2 |



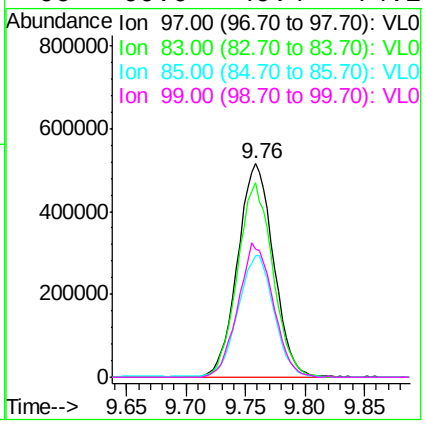


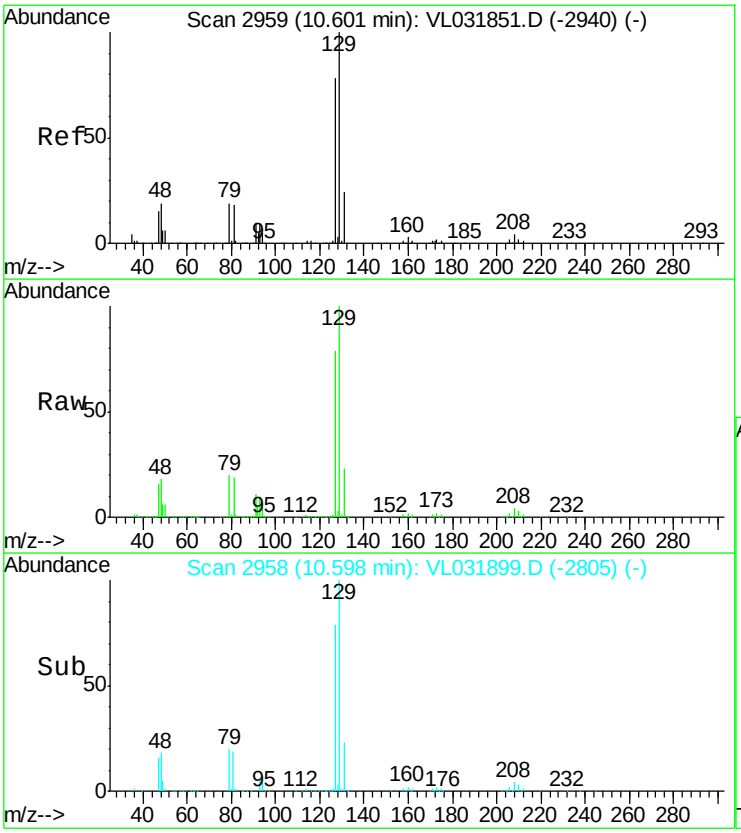

#47
1,1,2-Trichloroethane
Concen: 9.61 ppbv
RT: 9.76 min Scan# 2697
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 97 Resp: 1077118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 90.7 | 69.1 | 103.7 |
| 85 | 56.9 | 43.7 | 65.5 |
| 99 | 60.0 | 49.4 | 74.2 |

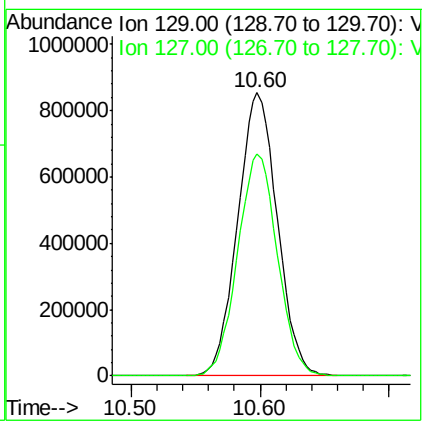


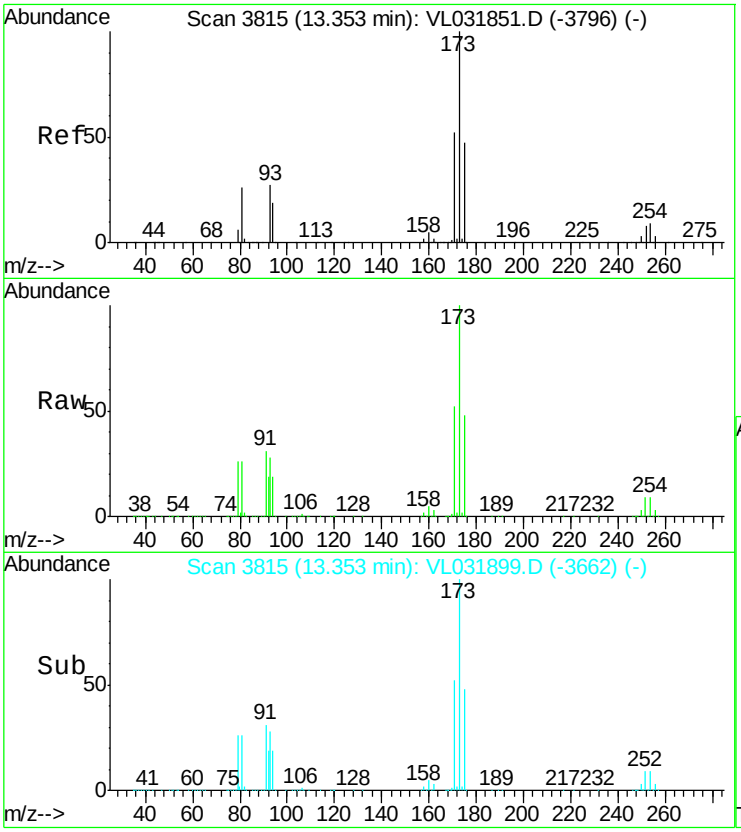




#48
Dibromochloromethane
Concen: 10.07 ppbv
RT: 10.60 min Scan# 2958
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion:129 Resp: 1825142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 79.0 | 39.1 | 117.5 |



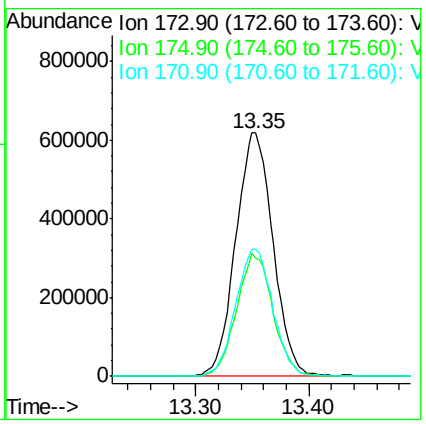


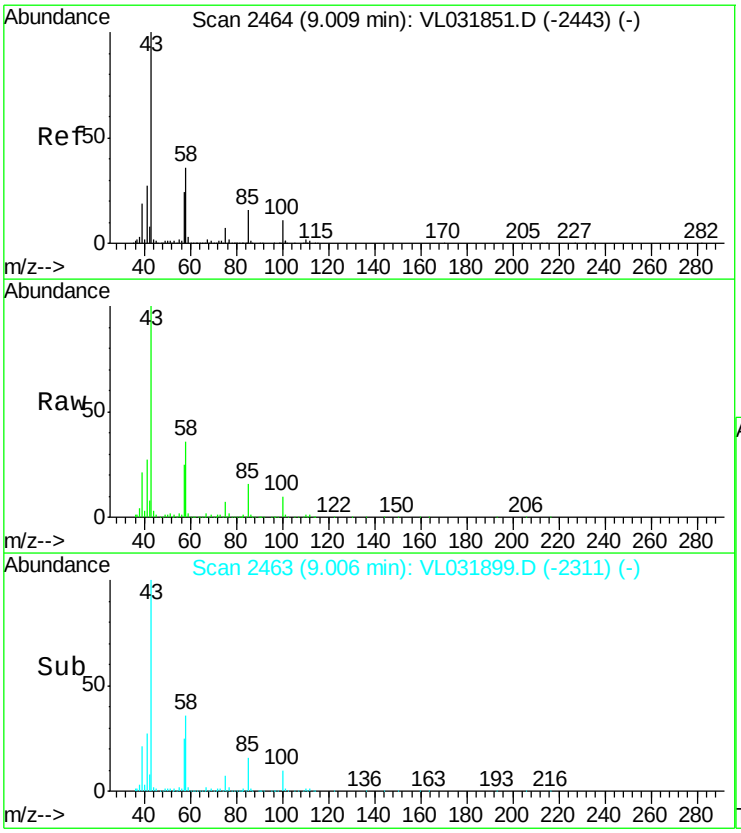

#49
Bromoform
Concen: 10.15 ppbv
RT: 13.35 min Scan# 3815
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:173 Resp: 1416841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.1 | 39.0 | 58.6 |
| 171 | 52.3 | 41.4 | 62.0 |

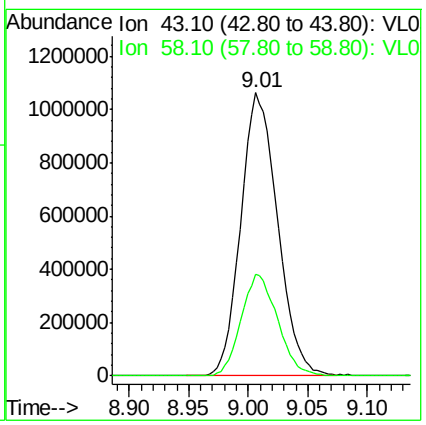


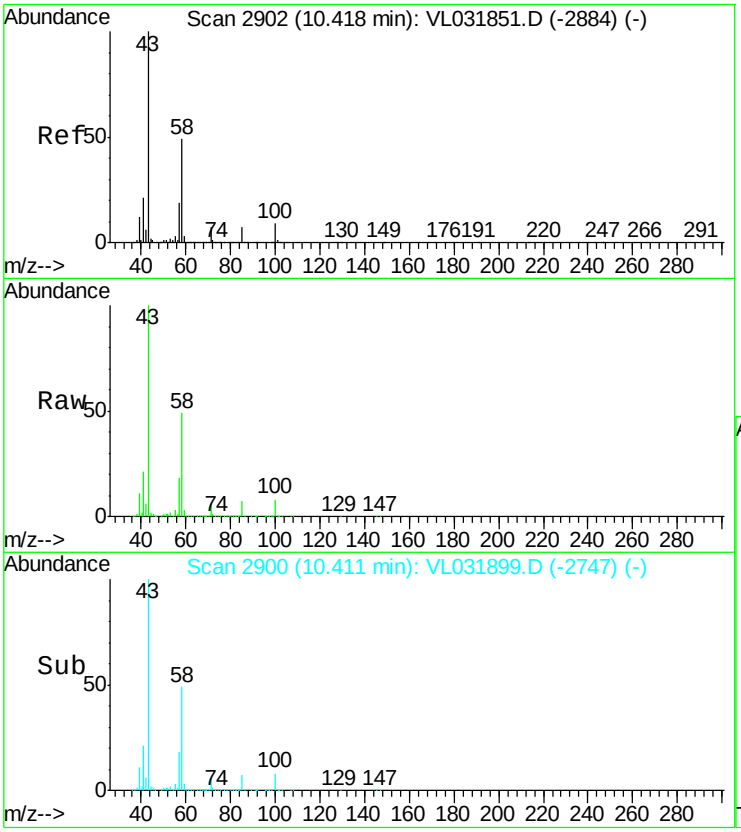




#50
4-Methyl-2-Pentanone
Concen: 10.17 ppbv
RT: 9.01 min Scan# 2463
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 43 Resp: 2278242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 35.6 | 28.6 | 43.0 |



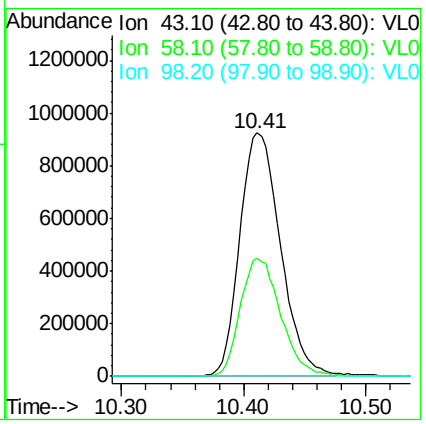


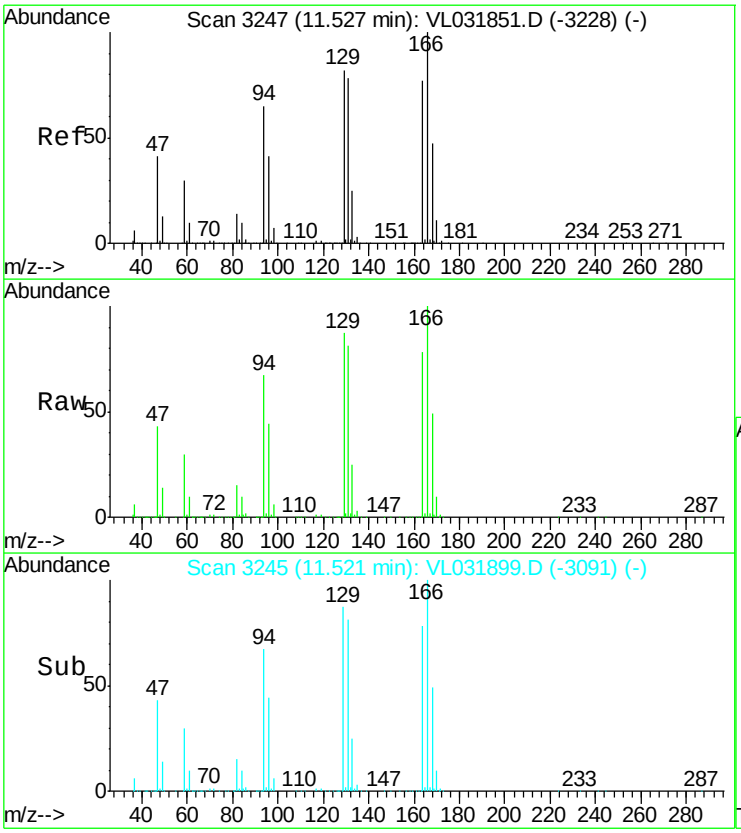

#51
2-Hexanone
Concen: 10.87 ppbv
RT: 10.41 min Scan# 2900
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDCCC010EC

Tgt Ion: 43 Resp: 2128950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 48.1 | 38.5 | 57.7 |
| 98 | 0.4 | 0.2 | 0.4# |

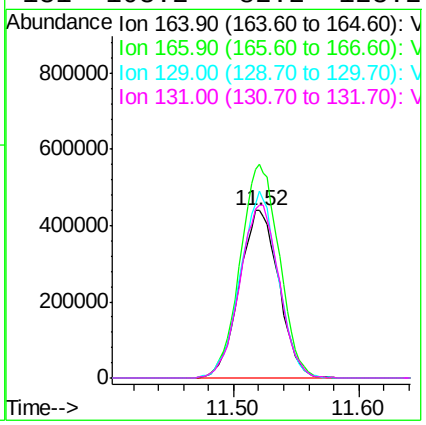


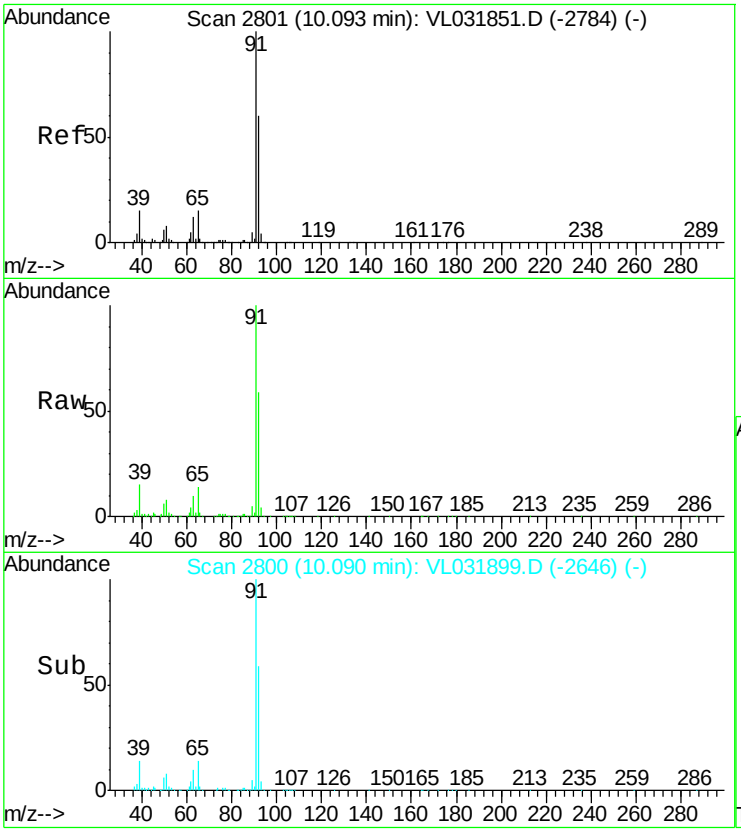




#52
Tetrachloroethene
Concen: 9.70 ppbv
RT: 11.52 min Scan# 3245
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion:164 Resp: 959285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 127.4 | 98.2 | 147.4 |
| 129 | 111.4 | 86.5 | 129.7 |
| 131 | 103.2 | 82.2 | 123.2 |



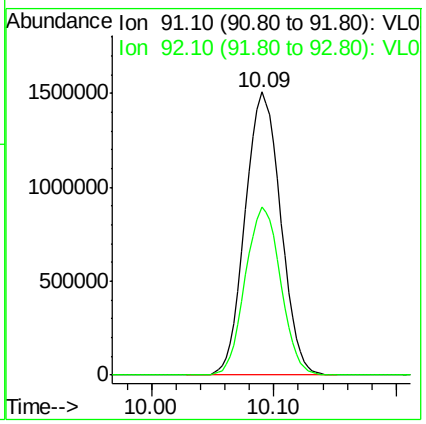


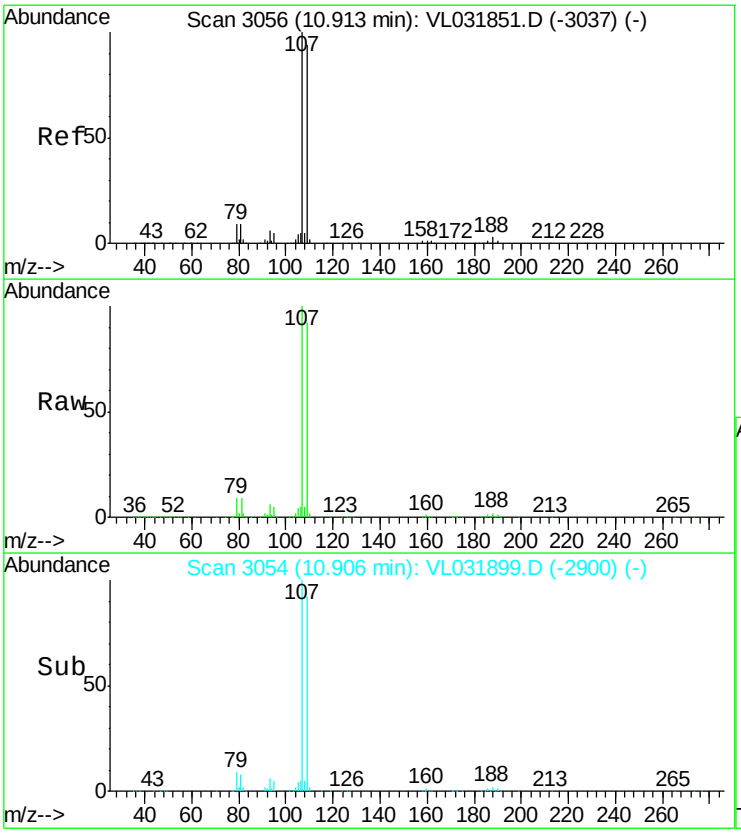

#53
Toluene
Concen: 10.70 ppbv
RT: 10.09 min Scan# 2800
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDCCC010EC

Tgt Ion: 91 Resp: 3028762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 59.3 | 47.4 | 71.2 |

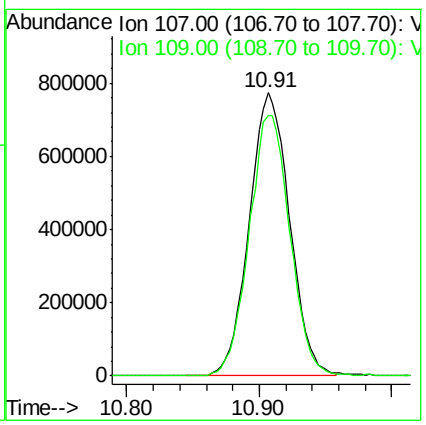


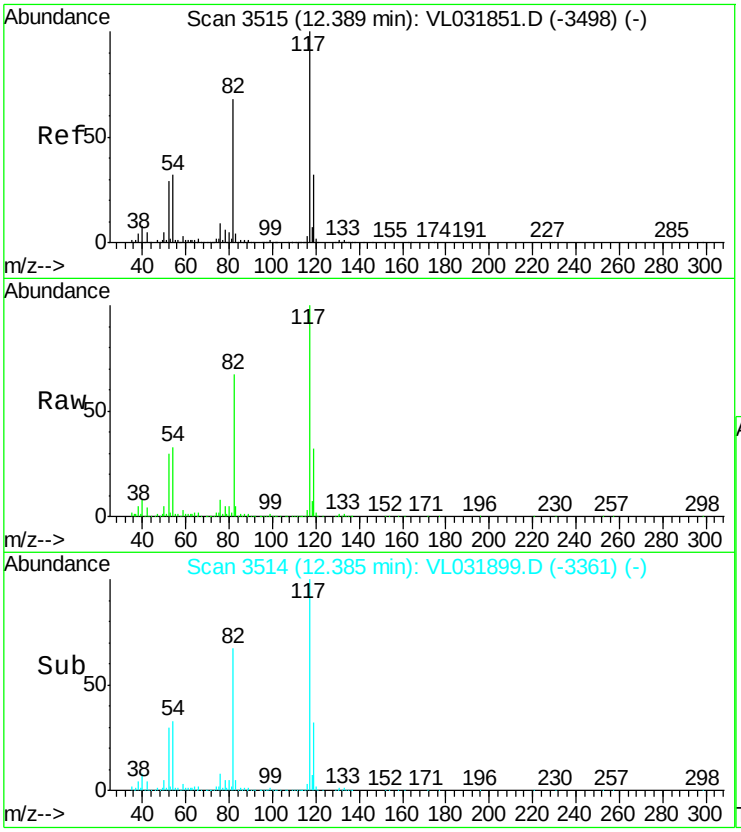




#54
1,2-Dibromoethane
Concen: 10.06 ppbv
RT: 10.91 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion:107 Resp: 1636757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 92.0 | 74.6 | 112.0 |



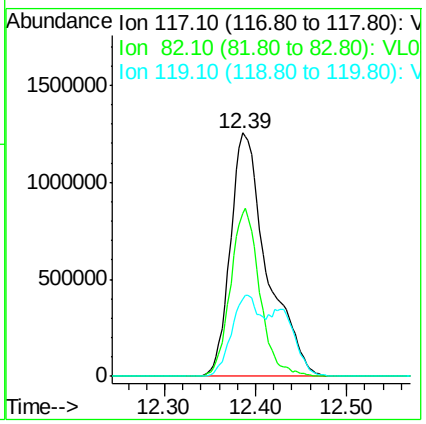


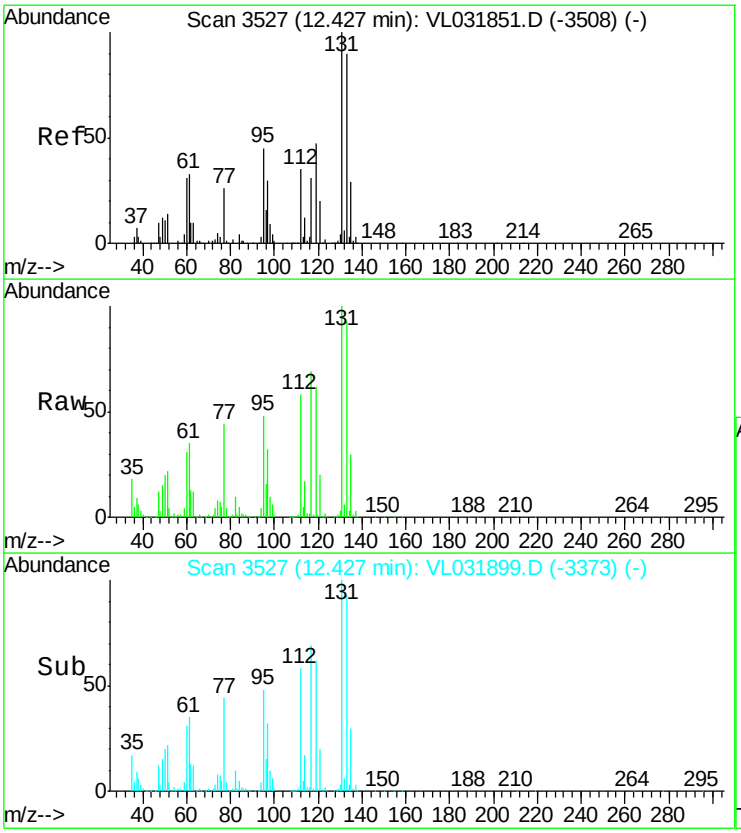

#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.39 min Scan# 3514
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:117 Resp: 3513039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.0 | 54.6 | 81.8 |
| 119 | 26.9 | 26.0 | 39.0 |

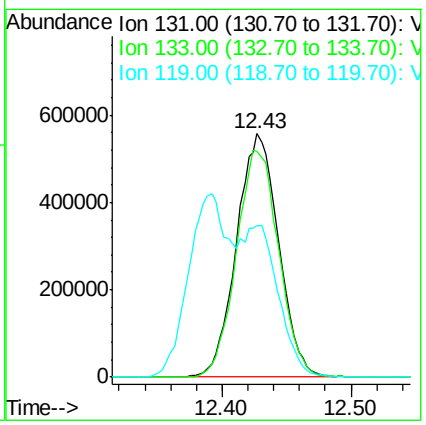


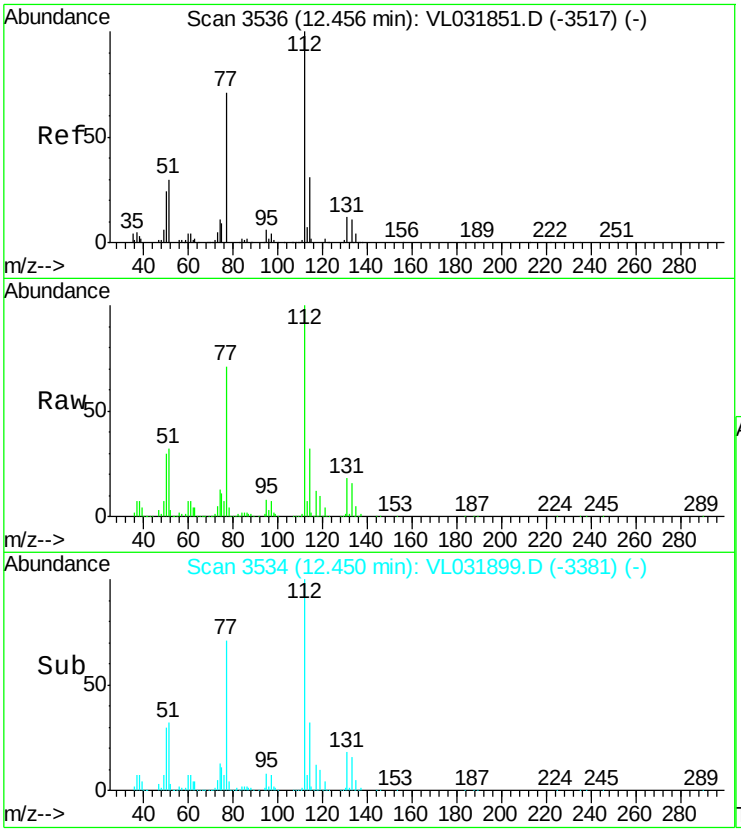




#56
1,1,1,2-Tetrachloroethane
Concen: 7.62 ppbv
RT: 12.43 min Scan# 3527
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion:131 Resp: 1259787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.5 | 76.1 | 114.1 |
| 119 | 130.1 | 106.3 | 159.5 |



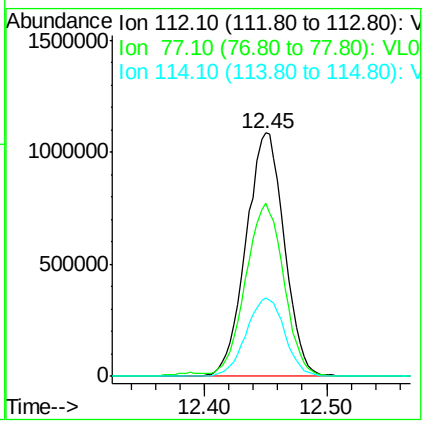


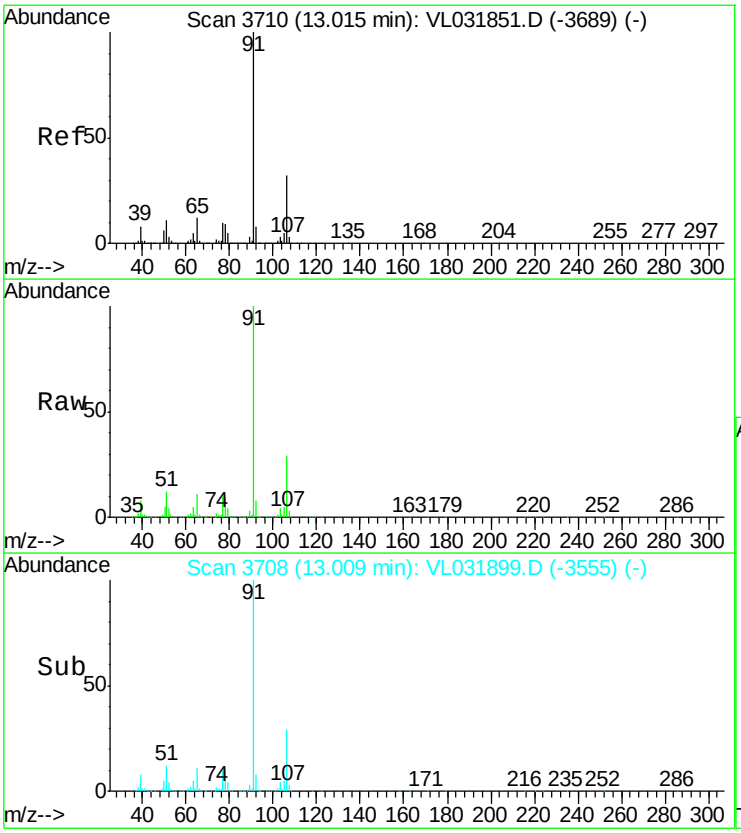

#57
Chlorobenzene
Concen: 7.88 ppbv
RT: 12.45 min Scan# 3534
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:112 Resp: 2347040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 77 | 70.9 | 57.0 | 85.6 |
| 114 | 32.3 | 28.5 | 34.9 |

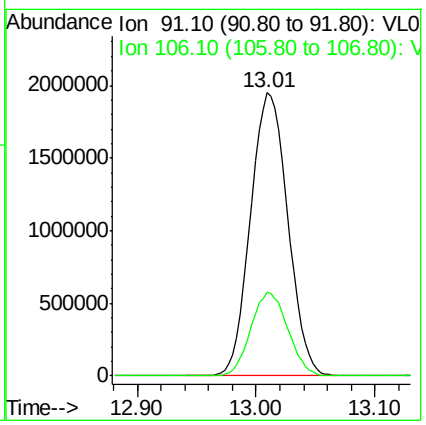


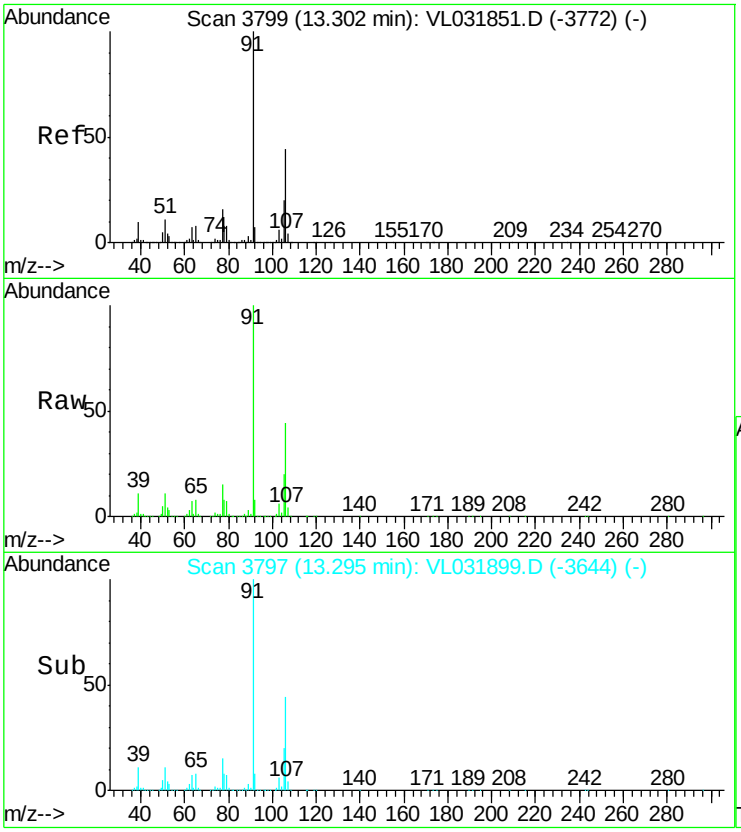




#58
Ethyl Benzene
Concen: 8.67 ppbv
RT: 13.01 min Scan# 3708
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 91 Resp: 4229454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.4 | 23.8 | 35.6 |



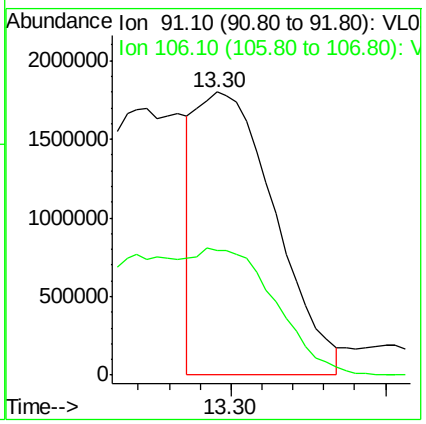


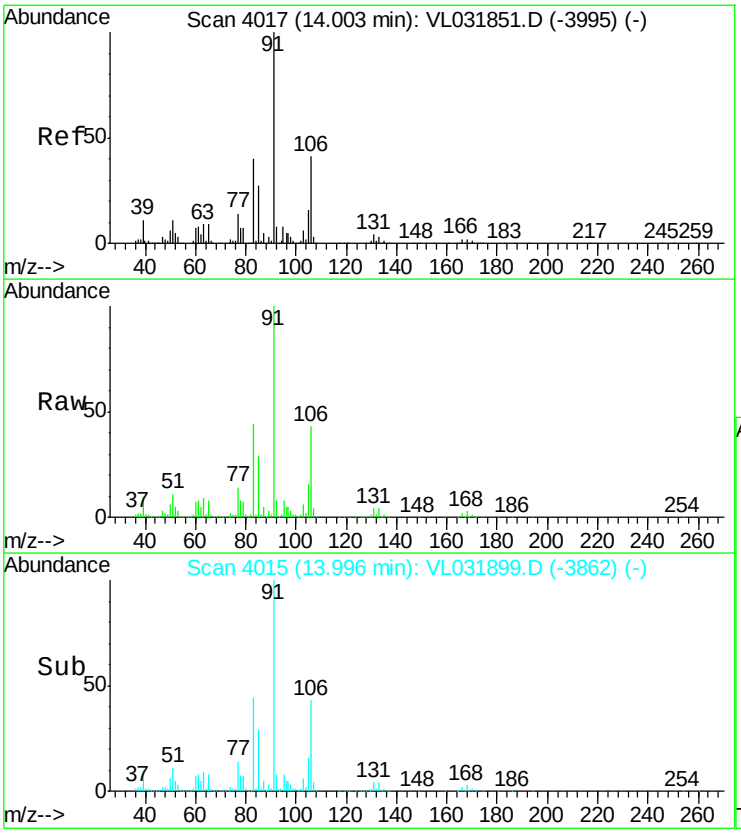

#59
m/p-Xylene
Concen: 7.52 ppbv
RT: 13.30 min Scan# 3797
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDCCC010EC

Tgt Ion: 91 Resp: 3187228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 97.9 | 35.5 | 53.3# |

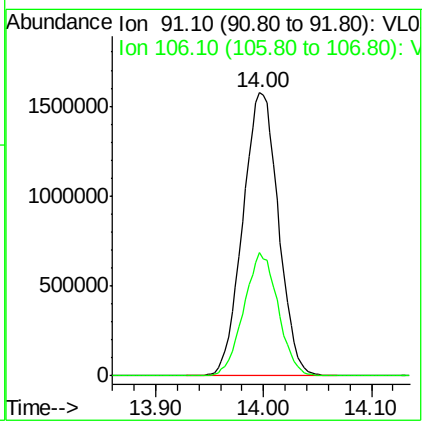


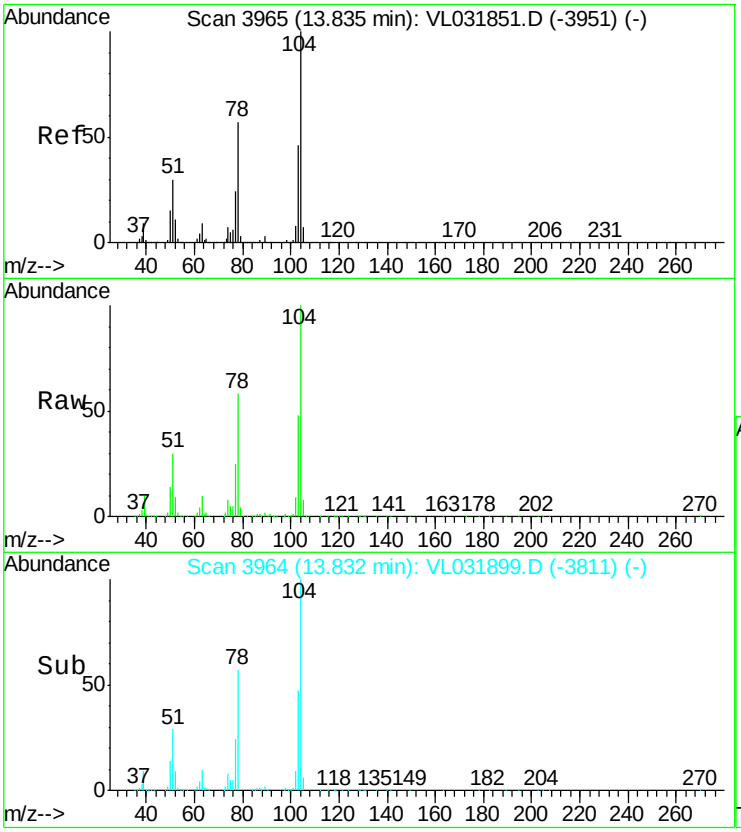




#60
o-Xylene
Concen: 8.53 ppbv
RT: 14.00 min Scan# 4015
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 91 Resp: 3609741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 41.9 | 21.3 | 63.9 |



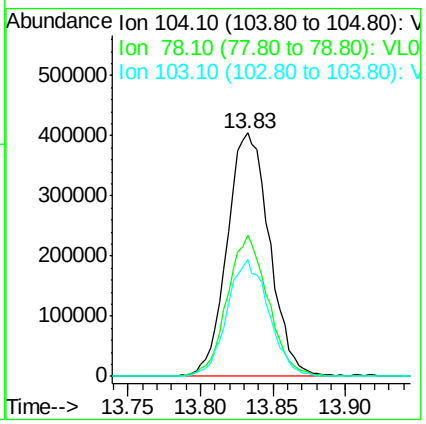


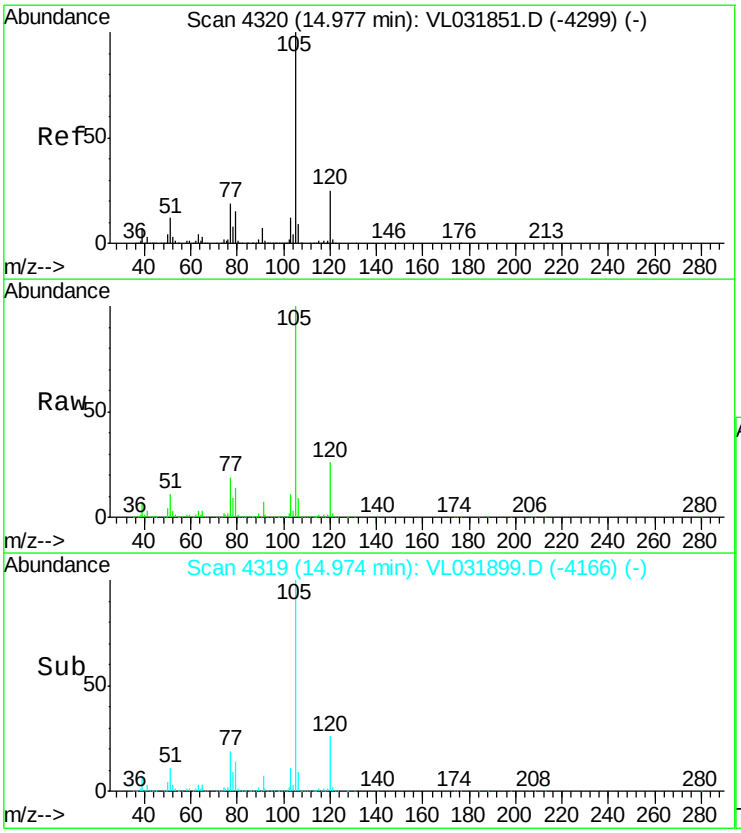

#61
Styrene
Concen: 10.08 ppbv
RT: 13.83 min Scan# 3964
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDCCC010EC

Tgt Ion:104 Resp: 812689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 56.9 | 44.4 | 66.6 |
| 103 | 47.7 | 37.9 | 56.9 |

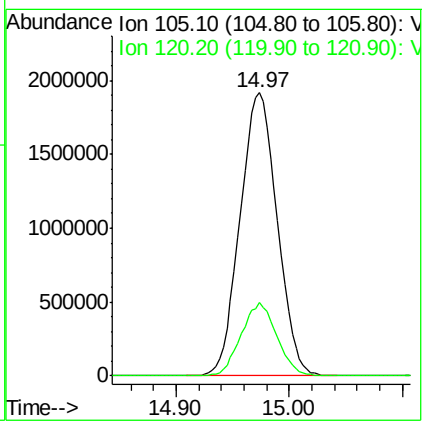


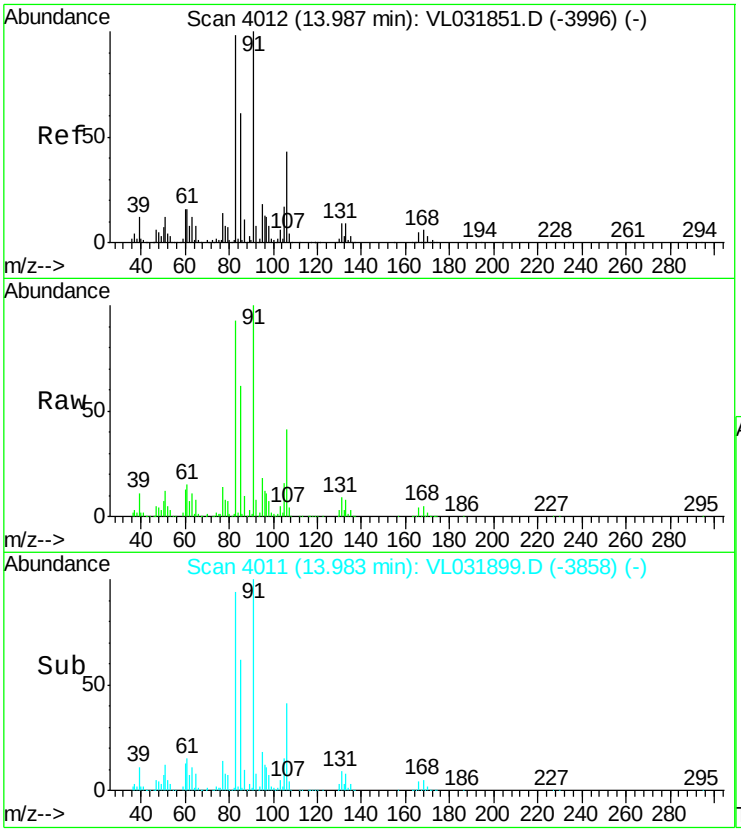




#62
Isopropylbenzene
Concen: 8.04 ppbv
RT: 14.97 min Scan# 4319
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion:105 Resp: 4373650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 24.8 | 19.4 | 29.2 |



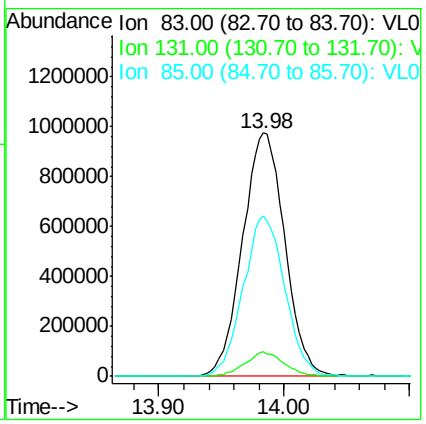


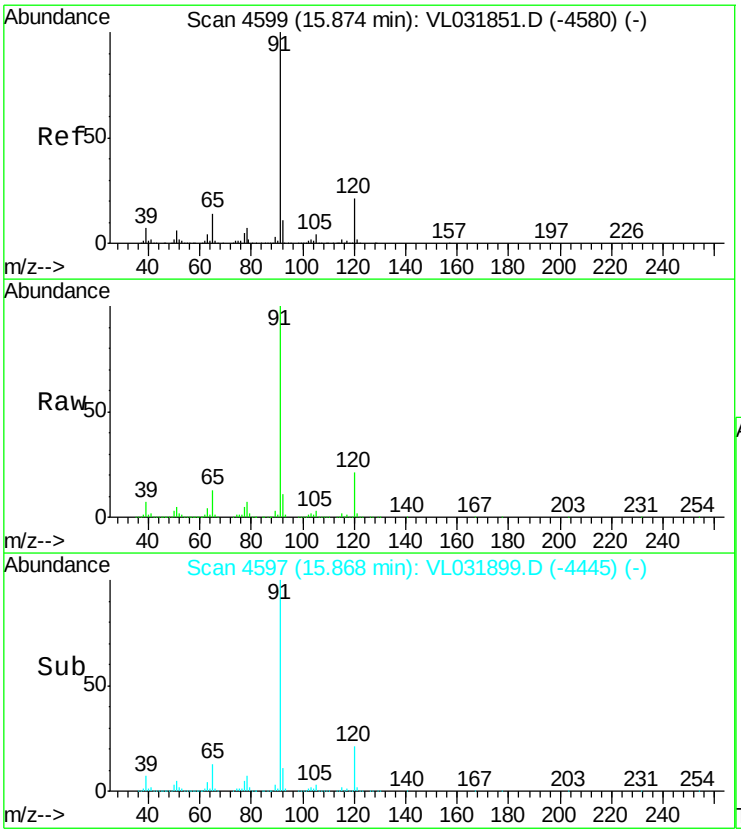

#63
1,1,2,2-Tetrachloroethane
Concen: 7.01 ppbv
RT: 13.98 min Scan# 4011
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDCCC010EC

Tgt Ion: 83 Resp: 2281932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.3 | 4.9 | 14.6 |
| 85 | 65.2 | 32.2 | 96.6 |

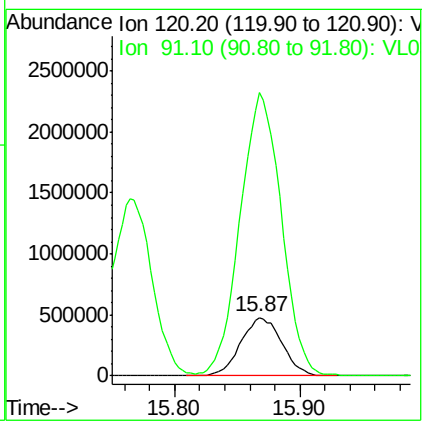


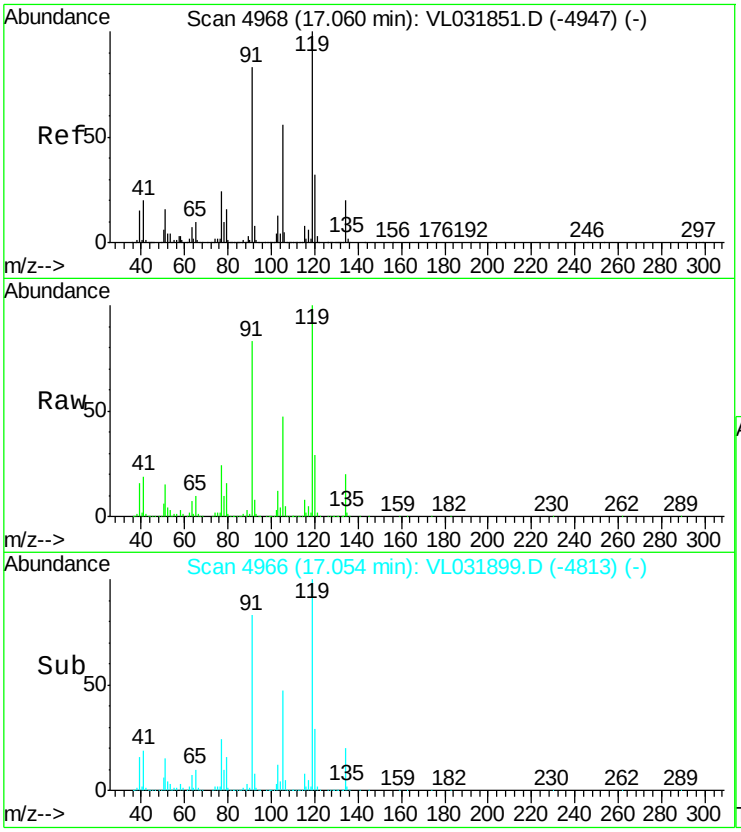




#64
n-propylbenzene
Concen: 8.21 ppbv
RT: 15.87 min Scan# 4597
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion:120 Resp: 1086096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 120 | 100 | | |
| 91 | 489.4 | 393.7 | 590.5 |



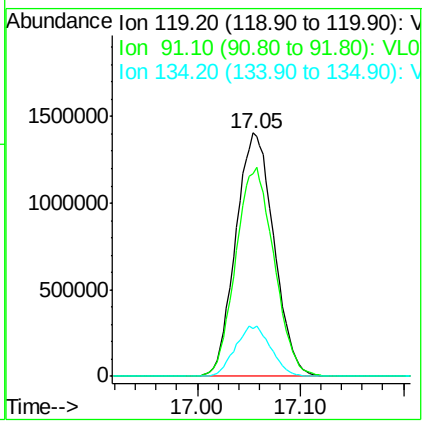


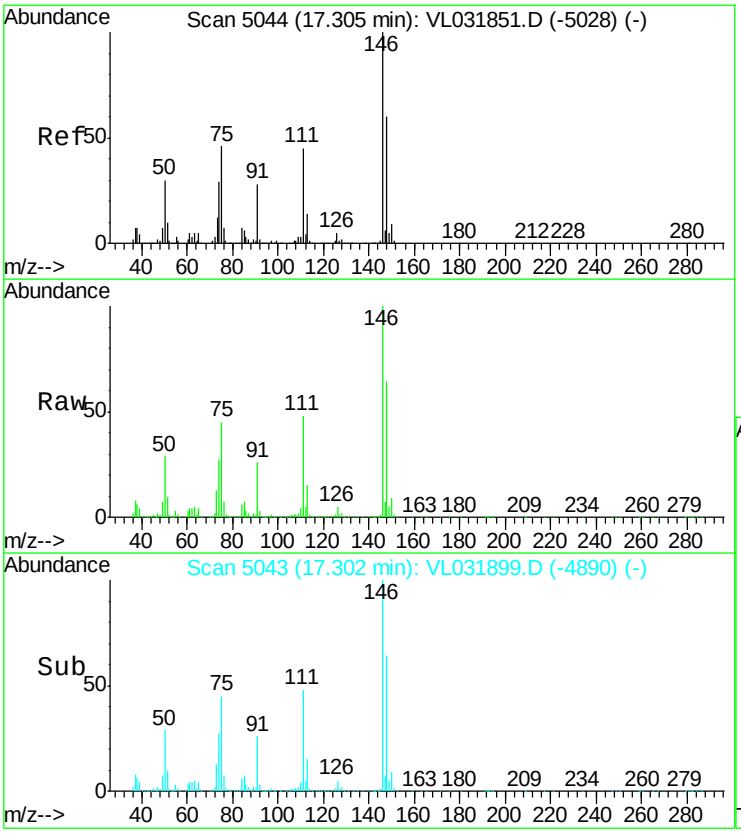

#65
tert-Butylbenzene
Concen: 7.72 ppbv
RT: 17.05 min Scan# 4966
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDCCC010EC

Tgt Ion:119 Resp: 3611481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 86.3 | 69.4 | 104.0 |
| 134 | 19.4 | 15.4 | 23.2 |

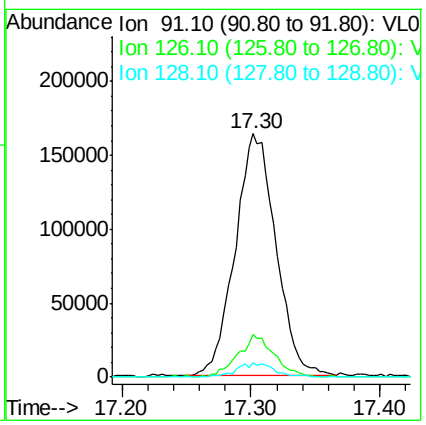


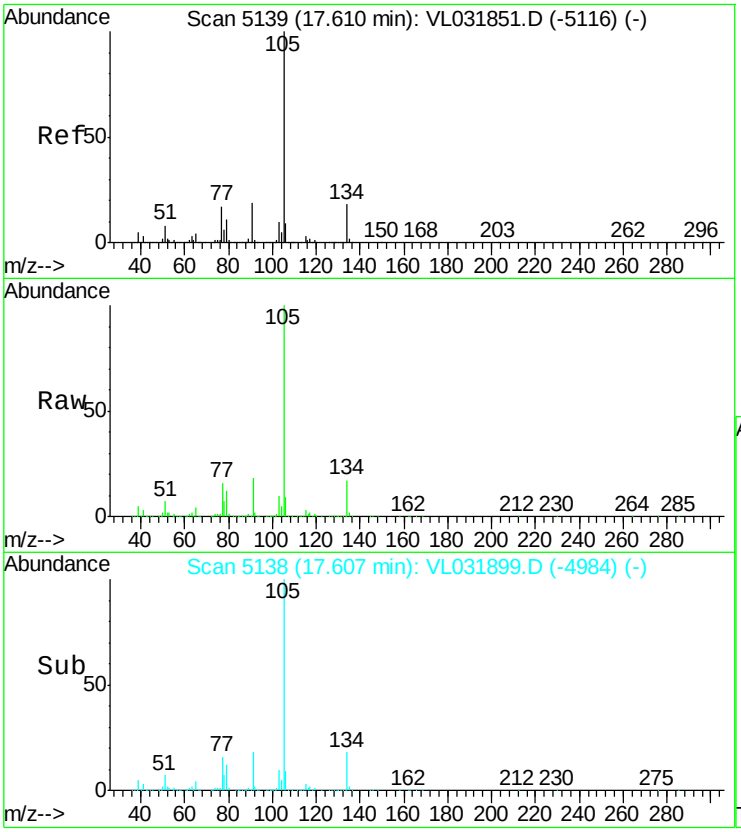




#66
Benzyl Chloride
Concen: 8.46 ppbv
RT: 17.30 min Scan# 5043
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 91 Resp: 356683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 15.9 | 12.6 | 19.0 |
| 128 | 5.5 | 4.0 | 6.0 |



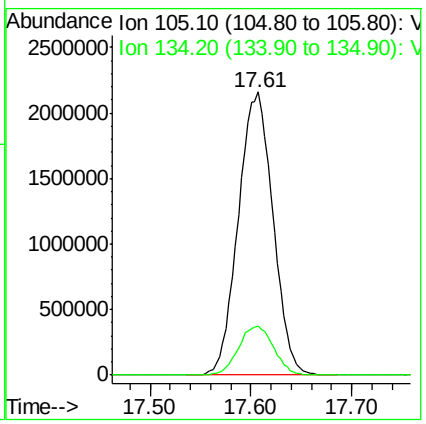


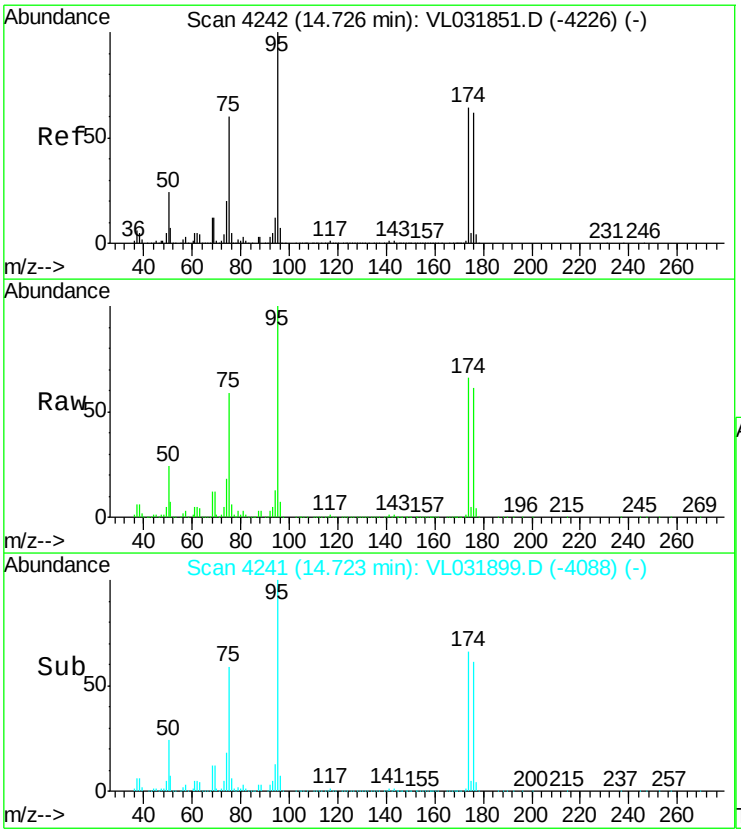

#67
sec-Butylbenzene
Concen: 7.63 ppbv
RT: 17.61 min Scan# 5138
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDCCC010EC

Tgt Ion:105 Resp: 5144789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 17.6 | 14.2 | 21.2 |

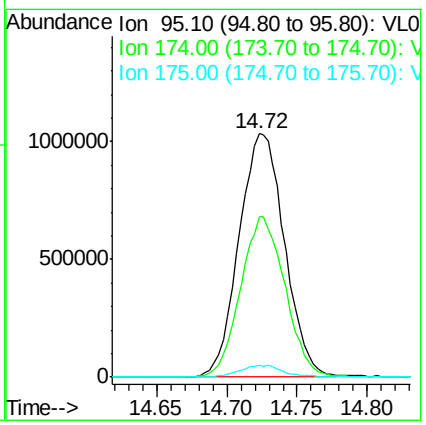


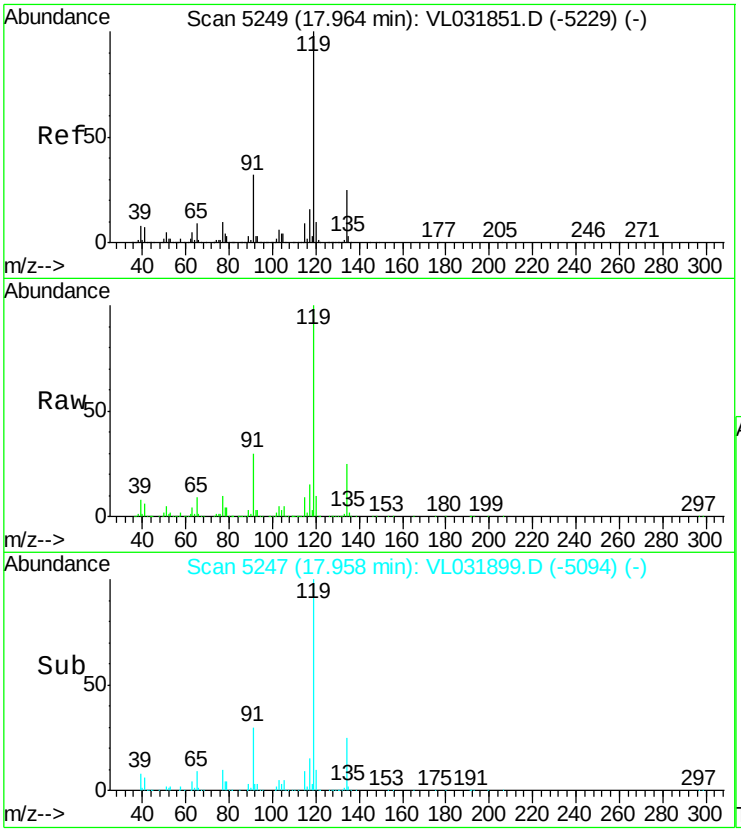




#68
1-Bromo-4-Fluorobenzene
Concen: 8.24 ppbv
RT: 14.72 min Scan# 4241
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 95 Resp: 2327620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 64.7 | 52.3 | 78.5 |
| 175 | 4.6 | 3.9 | 5.9 |



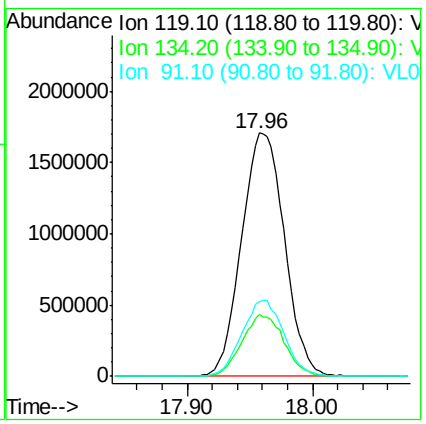


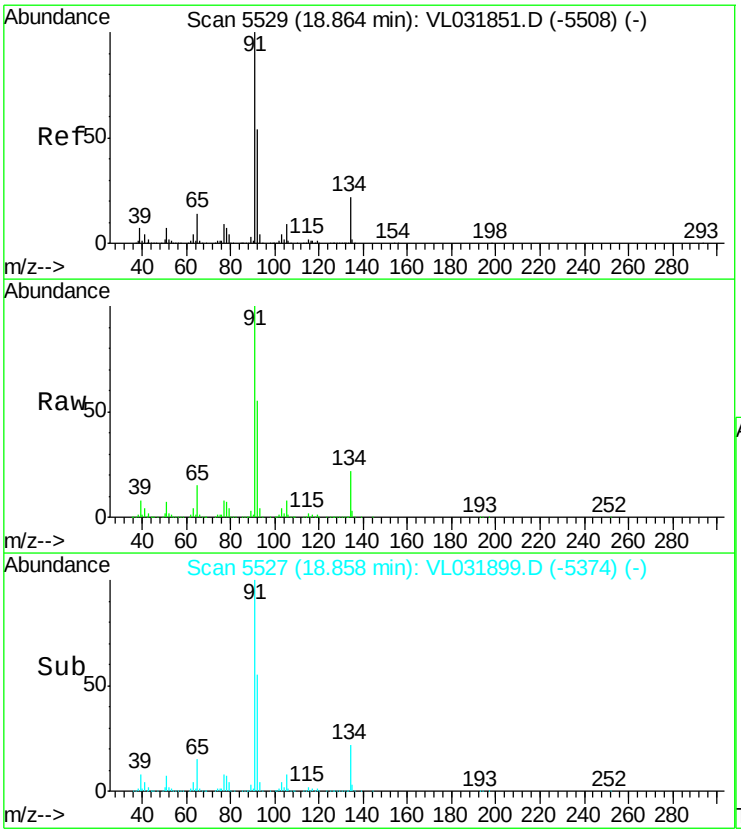

#69
p-Isopropyltoluene
Concen: 7.77 ppbv
RT: 17.96 min Scan# 5247
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDCCC010EC

Tgt Ion:119 Resp: 4058245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 24.8 | 20.0 | 30.0 |
| 91 | 30.5 | 24.9 | 37.3 |

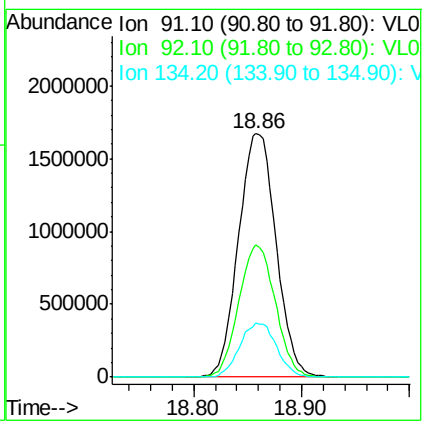


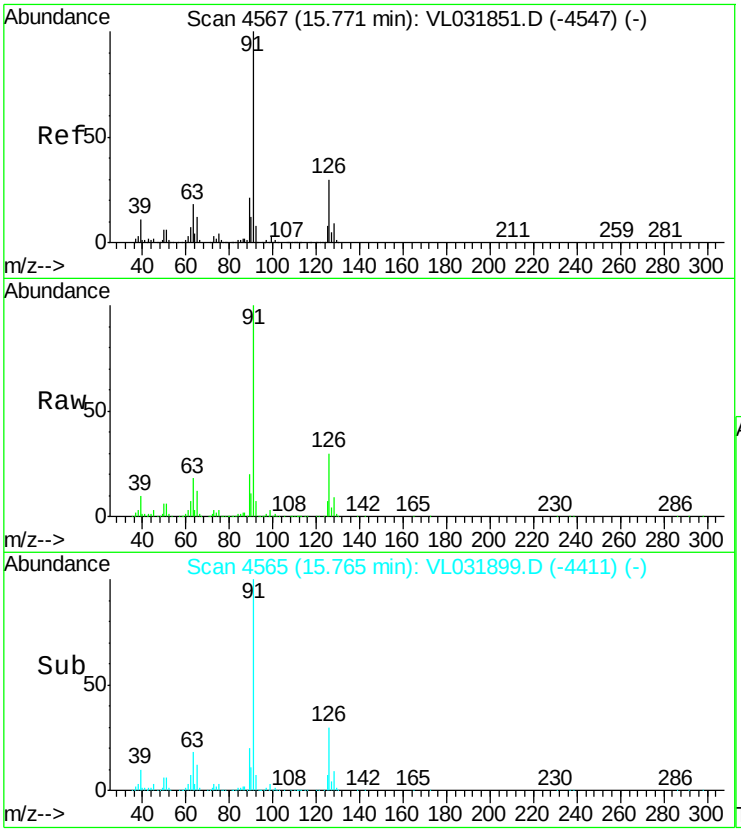




#70
n-Butylbenzene
Concen: 7.45 ppbv
RT: 18.86 min Scan# 5527
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion: 91 Resp: 4054435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.8 | 42.2 | 63.4 |
| 134 | 21.8 | 17.4 | 26.0 |



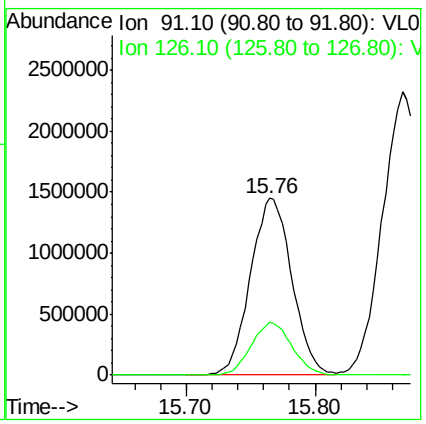


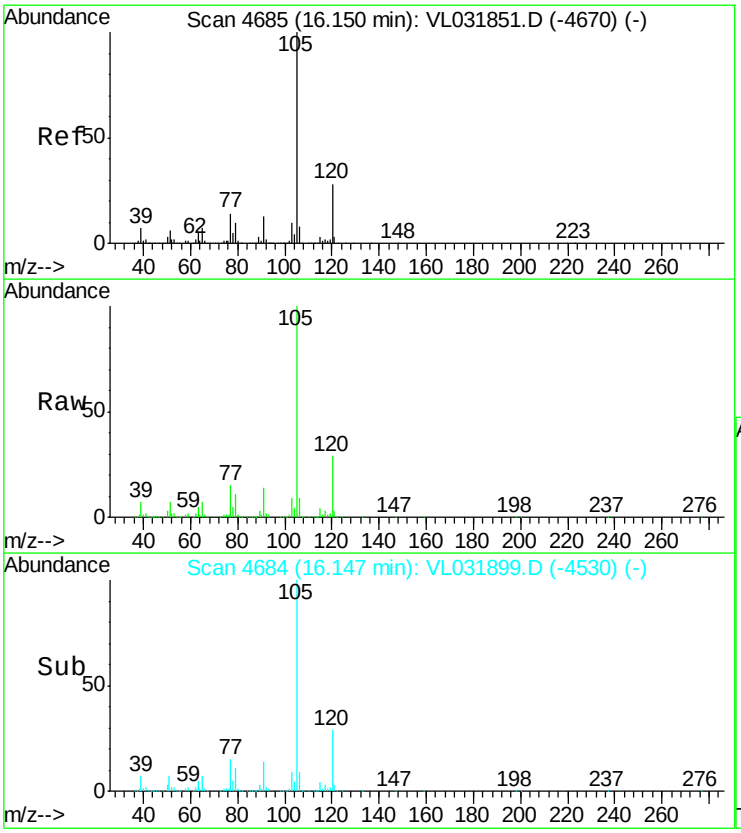

#71
2-Chlorotoluene
Concen: 8.27 ppbv
RT: 15.76 min Scan# 4565
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 91 Resp: 3252106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.4 | 11.6 | 46.2 |

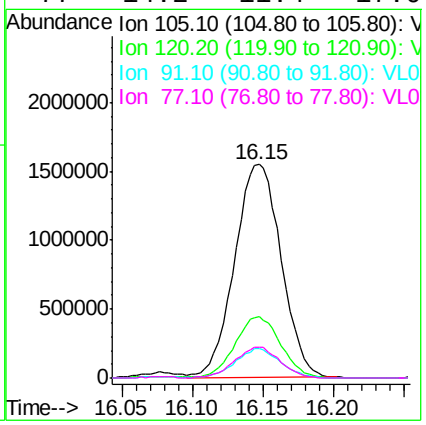


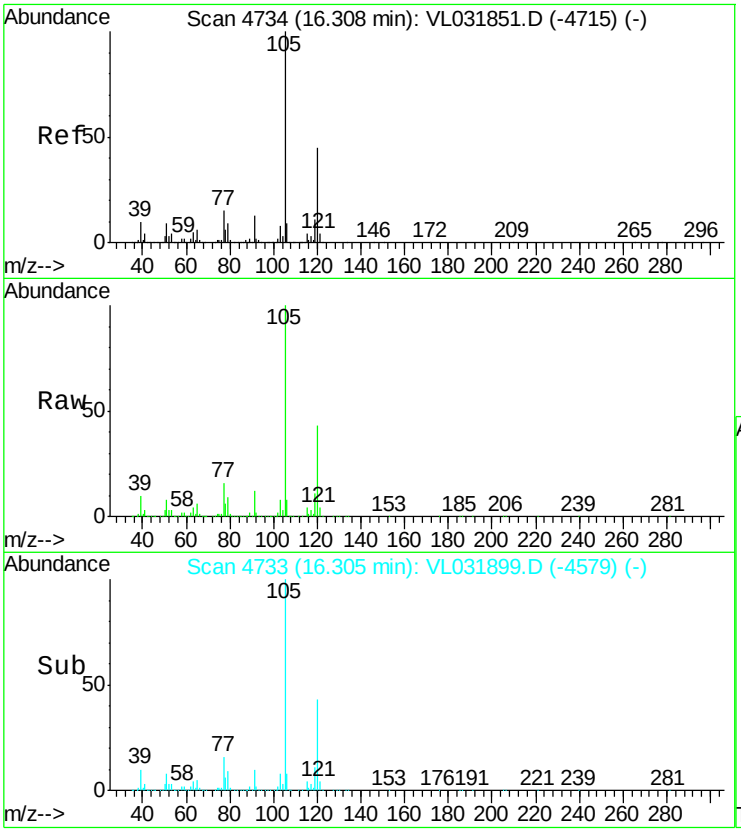




#72
4-Ethyltoluene
Concen: 8.24 ppbv
RT: 16.15 min Scan# 4684
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion:105 Resp: 3564390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 28.3 | 22.7 | 34.1 |
| 91 | 13.8 | 10.6 | 16.0 |
| 77 | 14.2 | 11.4 | 17.0 |



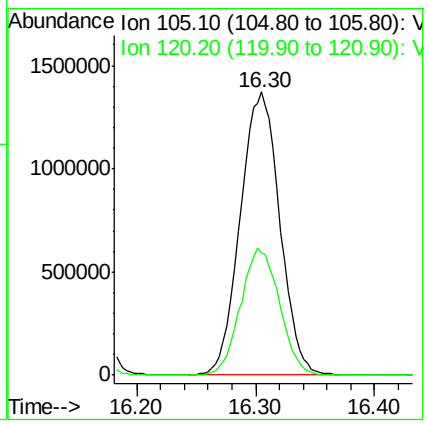


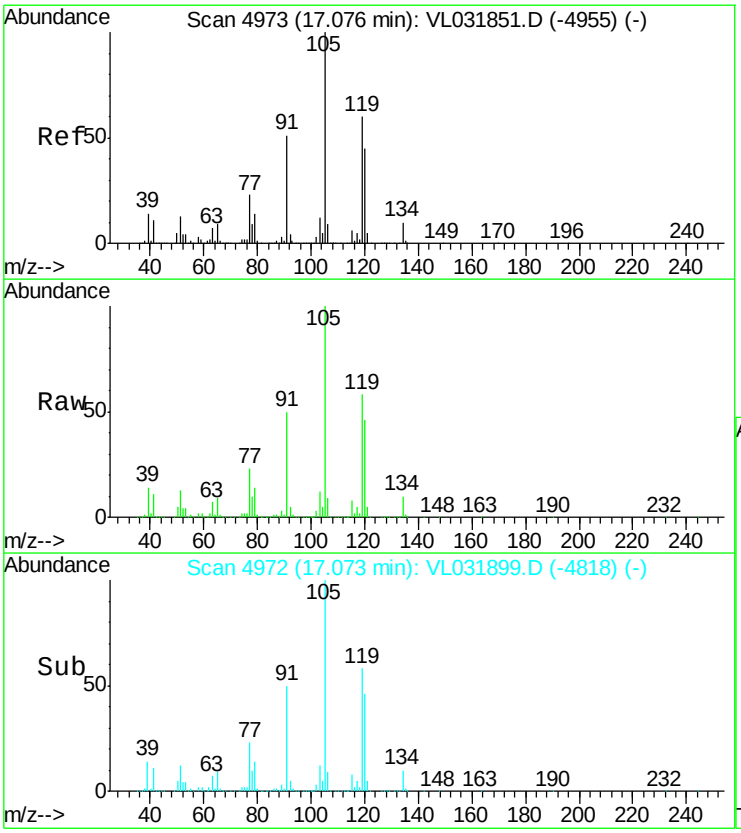

#73
1,3,5-Trimethylbenzene
Concen: 7.91 ppbv
RT: 16.30 min Scan# 4733
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:105 Resp: 3131507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.3 | 35.3 | 52.9 |

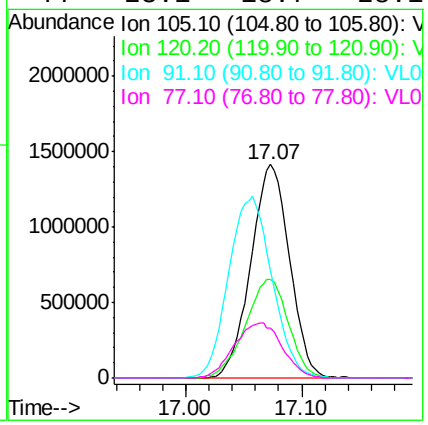


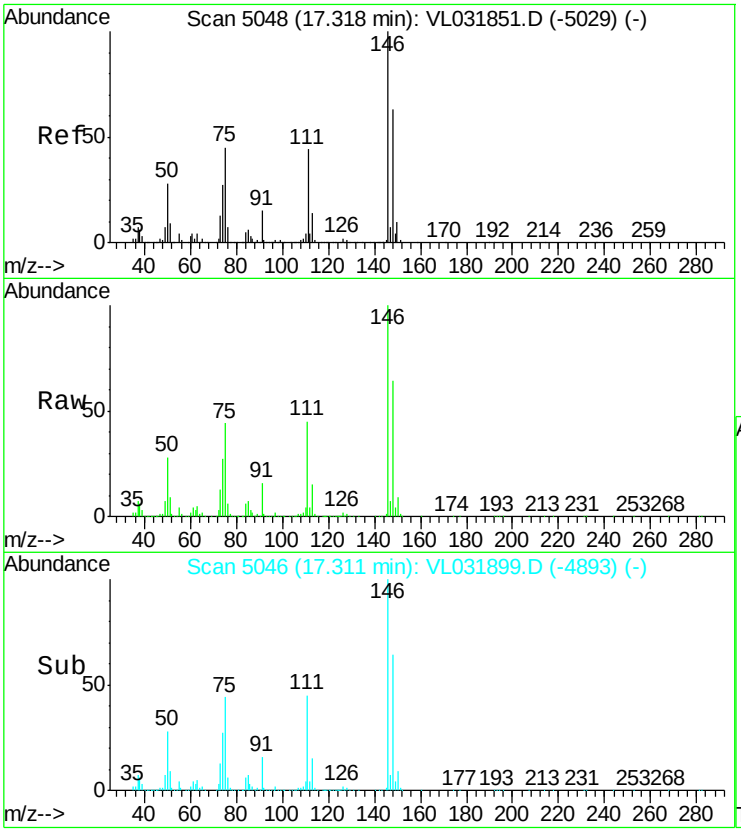




#74
1,2,4-Trimethylbenzene
Concen: 7.43 ppbv
RT: 17.07 min Scan# 4972
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion:105 Resp: 3283473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.3 | 37.0 | 55.4 |
| 91 | 50.1 | 43.0 | 64.4 |
| 77 | 23.1 | 18.7 | 28.1 |



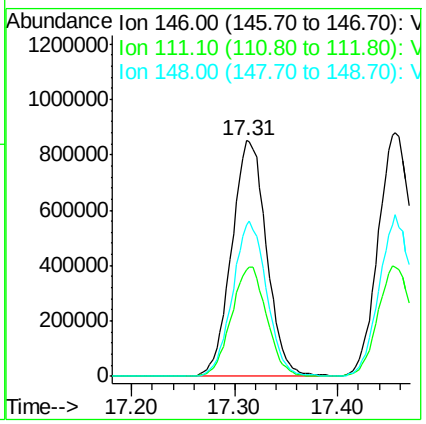


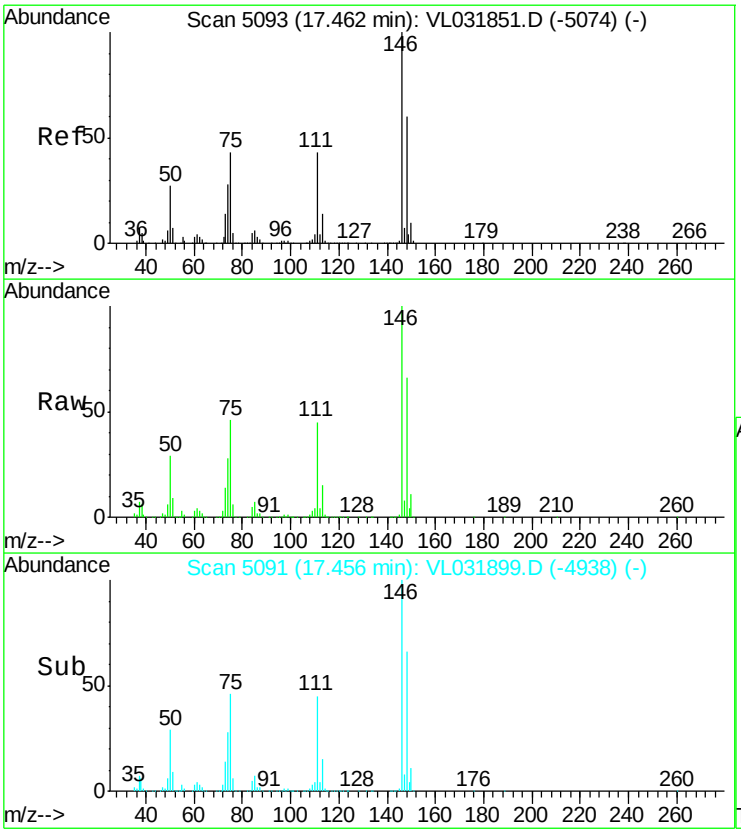

#75
1,3-Dichlorobenzene
Concen: 7.38 ppbv
RT: 17.31 min Scan# 5046
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:146 Resp: 2001594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 47.0 | 23.8 | 71.4 |
| 148 | 64.3 | 32.0 | 96.2 |

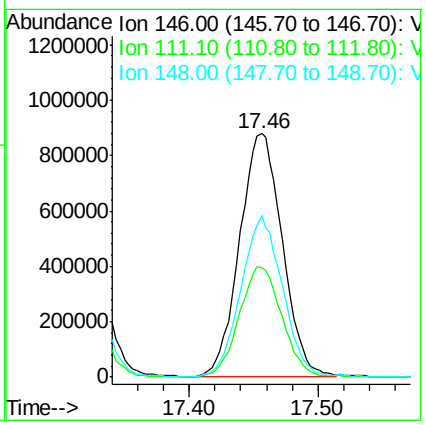


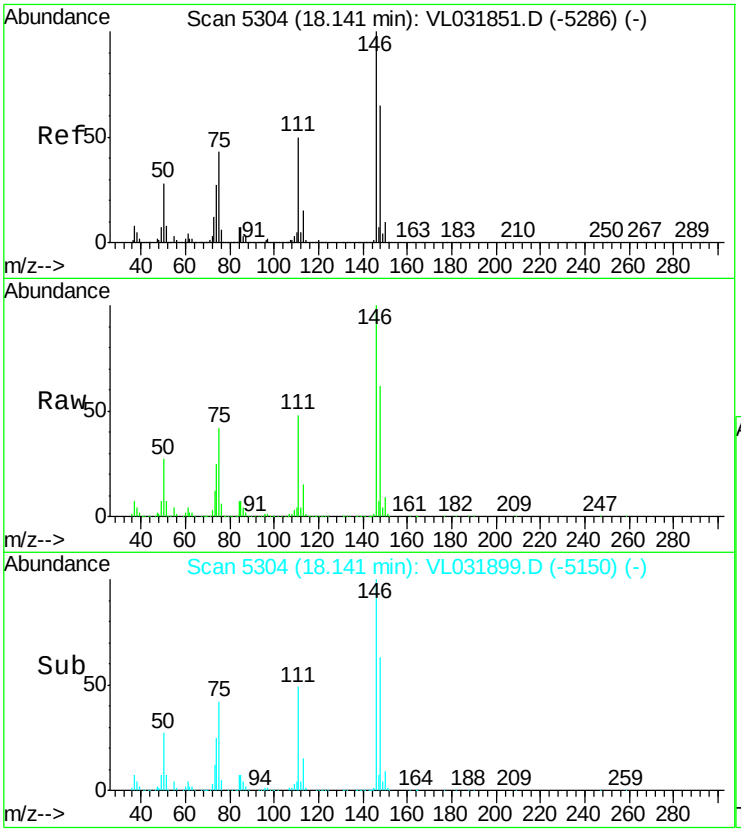




#76
1,4-Dichlorobenzene
Concen: 7.67 ppbv
RT: 17.46 min Scan# 5091
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion:146 Resp: 2017746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 45.4 | 22.9 | 68.7 |
| 148 | 64.8 | 32.0 | 96.0 |



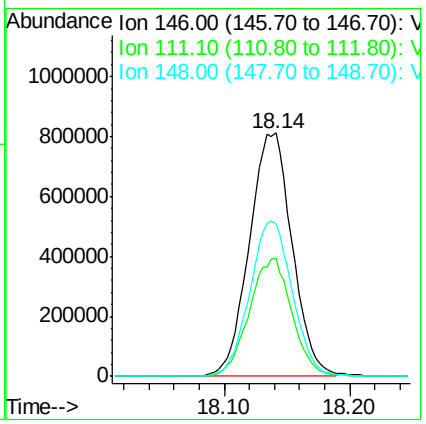


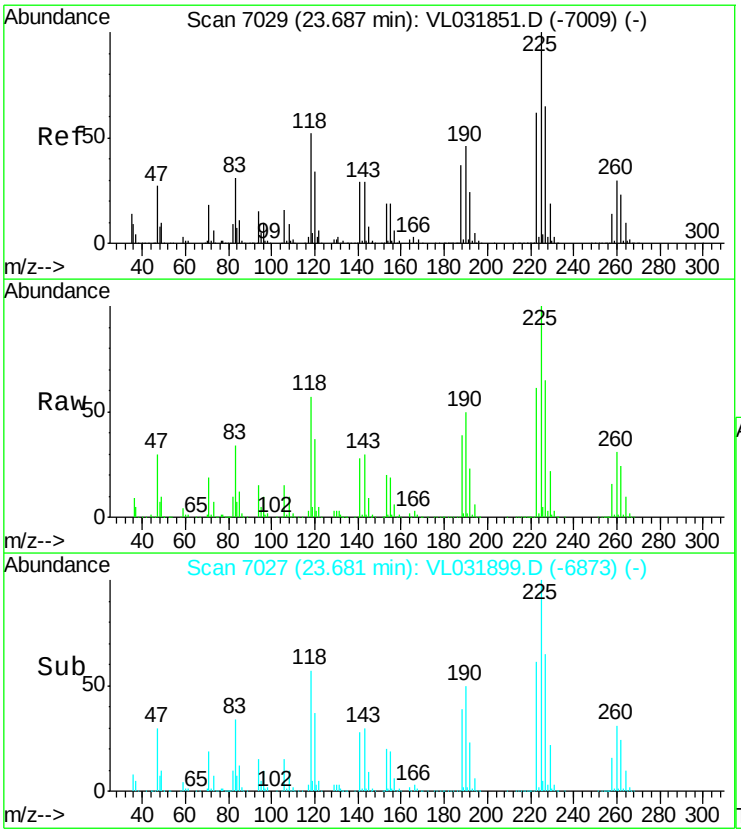

#77
1,2-Dichlorobenzene
Concen: 7.20 ppbv
RT: 18.14 min Scan# 5304
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:146 Resp: 1923877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 48.6 | 24.3 | 72.8 |
| 148 | 63.8 | 31.8 | 95.3 |

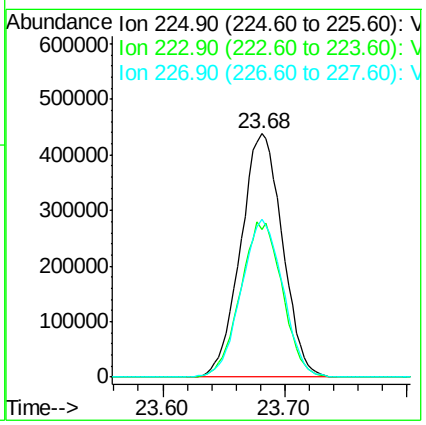


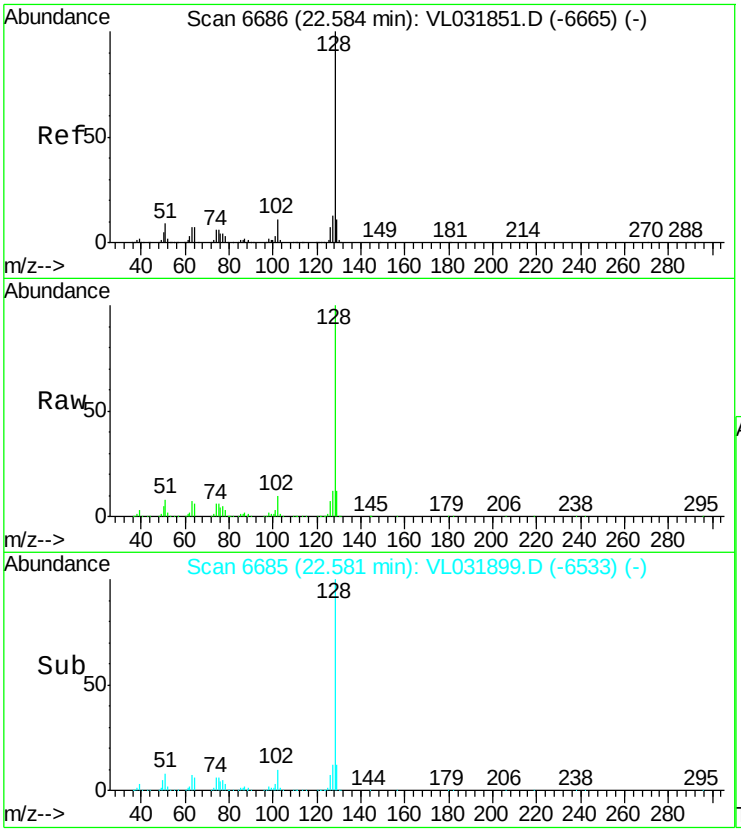




#78
Hexachloro-1,3-Butadiene
Concen: 10.11 ppbv
RT: 23.68 min Scan# 7027
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion:225 Resp: 1036943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.7 | 50.6 | 76.0 |
| 227 | 64.4 | 52.2 | 78.4 |



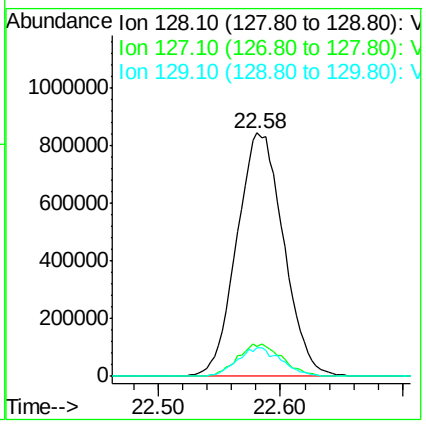


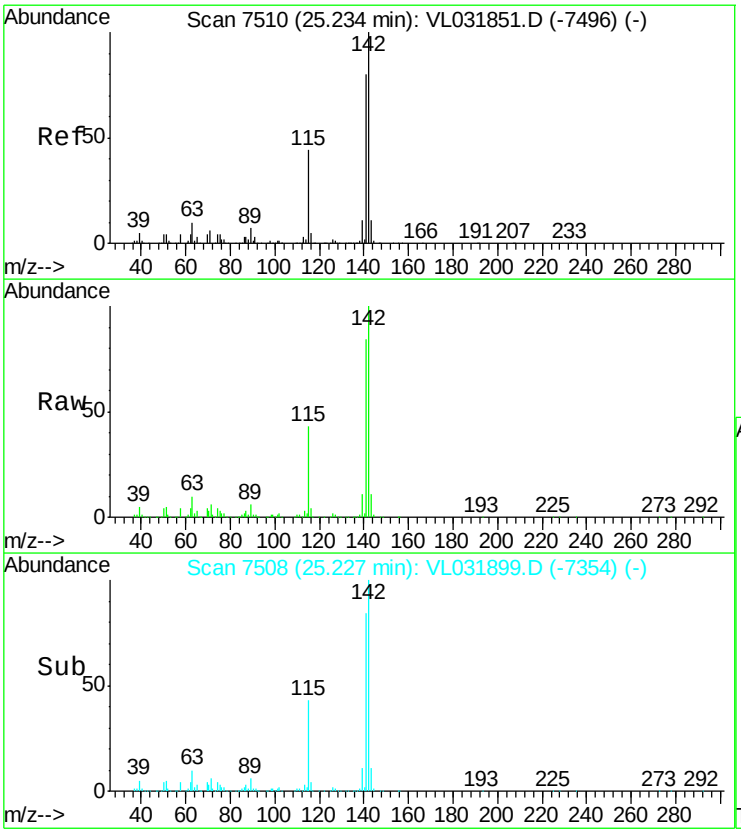

#79
Naphthalene
Concen: 8.95 ppbv
RT: 22.58 min Scan# 6685
Delta R.T. -0.01 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:128 Resp: 2227037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.3 | 10.2 | 15.4 |
| 129 | 11.6 | 9.4 | 14.2 |




#80
Naphthalene,2-methyl-
Concen: 13.50 ppbv
RT: 25.23 min Scan# 7508
Delta R.T. -0.00 min
Lab File: VL031899.D
Acq: 20 Apr 2018 14:32

Tgt Ion:142 Resp: 655812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 85.4 | 67.0 | 100.4 |
| 115 | 44.0 | 35.3 | 52.9 |