Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111418\

Quantitation Report (Not Reviewed)

Data File : VL032744.D
Acq On : 14 Nov 2018 3:45
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDICC001

Quant Time: Nov 14 05:43:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 05:38:10 2018
QLast Update : Wed Nov 14 05:38:10 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.77 | 49 | 1644957 | 10.00 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.30 | 114 | 4173497 | 10.00 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.25 | 117 | 3890340 | 10.00 | ppbv | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.59 | 95 | 2867373 | 9.78 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 97.80% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.08 | 85 | 256206 | 1.366 | ppbv | | 99 |
| 3) Chlorodifluoromethane | 3.02 | 51 | 142004 | 1.091 | ppbv | | 99 |
| 4) Chloromethane | 3.18 | 50 | 76750 | 1.061 | ppbv | | 90 |
| 5) Vinyl Chloride | 3.30 | 62 | 77605 | 0.992 | ppbv | | 96 |
| 6) Bromomethane | 3.52 | 94 | 48973 | 0.996 | ppbv | | 96 |
| 7) Chloroethane | 3.61 | 64 | 29612 | 1.024 | ppbv | # | 87 |
| 8) Dichlorotetrafluoroethane | 3.23 | 85 | 206413 | 1.152 | ppbv | | 99 |
| 9) Propene | 3.04 | 41 | 54216 | 1.024 | ppbv | | 98 |
| 10) Heptane | 8.26 | 43 | 198493 | 0.966 | ppbv | | 99 |
| 11) Trichlorofluoromethane | 4.01 | 101 | 266832 | 1.198 | ppbv | | 99 |
| 12) 1,1,2-Trichlorotrifluoroet | 4.56 | 101 | 195680 | 1.087 | ppbv | | 97 |
| 13) Ethanol | 3.66 | 45 | 17675 | 1.182 | ppbv | | 74 |
| 14) Bromoethene | 3.80 | 108 | 64741 | 1.046 | ppbv | | 99 |
| 15) Acetone | 3.92 | 43 | 201435 | 1.317 | ppbv | | 100 |
| 16) 1,3-Butadiene | 3.37 | 39 | 61814 | 1.066 | ppbv | | 92 |
| 17) tert-Butyl alcohol | 4.38 | 59 | 50215 | 1.162 | ppbv | | 99 |
| 18) 1,1-Dichloroethene | 4.36 | 96 | 96659 | 1.191 | ppbv | | 95 |
| 19) Isopropyl Alcohol | 4.05 | 45 | 120205 | 1.128 | ppbv | # | 95 |
| 20) Methylene Chloride | 4.42 | 84 | 77618 | 0.998 | ppbv | | 96 |
| 21) Allyl Chloride | 4.49 | 41 | 127502 | 1.042 | ppbv | | 97 |
| 22) trans-1,2-Dichloroethene | 4.98 | 96 | 88741 | 1.063 | ppbv | | 79 |
| 23) Vinyl Acetate | 5.16 | 43 | 286135 | 1.037 | ppbv | | 98 |
| 24) 1,1-Dichloroethane | 5.10 | 63 | 236269 | 1.089 | ppbv | | 99 |
| 25) Ethyl Acetate | 5.78 | 43 | 370317 | 1.058 | ppbv | | 100 |
| 26) Hexane | 5.79 | 57 | 160605 | 0.975 | ppbv | | 90 |
| 27) Carbon Disulfide | 4.63 | 76 | 221760 | 1.122 | ppbv | | 94 |
| 28) Methyl tert-Butyl Ether | 5.13 | 73 | 265598 | 1.087 | ppbv | | 98 |
| 29) Chloroform | 5.86 | 83 | 293490 | 1.101 | ppbv | | 98 |
| 30) Cyclohexane | 7.26 | 84 | 69674 | 0.527 | ppbv | # | 1 |
| 31) cis-1,2-Dichloroethene | 5.65 | 61 | 150833 | 0.980 | ppbv | | 96 |
| 32) 1,1,1-Trichloroethane | 6.62 | 97 | 304986 | 1.116 | ppbv | | 98 |
| 34) 2-Butanone | 5.35 | 43 | 221609 | 0.989 | ppbv | | 98 |
| 35) Carbon Tetrachloride | 7.14 | 117 | 328064 | 1.097 | ppbv | | 94 |
| 36) Benzene | 7.01 | 78 | 351568 | 1.043 | ppbv | | 99 |
| 37) 1,2-Dichloroethane | 6.42 | 62 | 232150 | 1.108 | ppbv | # | 96 |
| 38) Trichloroethene | 7.97 | 130 | 133659 | 1.058 | ppbv | | 97 |
| 39) 1,2-Dichloropropane | 7.74 | 63 | 73088 | 0.562 | ppbv | | 91 |
| 40) 1,4-Dioxane | 7.99 | 88 | 27156 | 0.613 | ppbv | # | 1 |
| 41) Tetrahydrofuran | 6.17 | 42 | 123564 | 0.997 | ppbv | | 99 |
| 42) Bromodichloromethane | 7.92 | 83 | 316209 | 1.080 | ppbv | | 96 |
| 43) Methyl Methacrylate | 8.15 | 69 | 117548 | 0.949 | ppbv | | 95 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111418\

Quantitation Report (Not Reviewed)

Data File : VL032744.D
Acq On : 14 Nov 2018 3:45
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDICC001

Quant Time: Nov 14 05:43:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 05:38:10 2018
QLast Update : Wed Nov 14 05:38:10 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,2,4-Trimethylpentane | 7.99 | 57 | 587607 | 1.020 | ppbv | | 98 |
| 45) t-1,3-Dichloropropene | 9.42 | 75 | 142857 | 0.861 | ppbv | # | 87 |
| 46) cis-1,3-Dichloropropene | 8.84 | 75 | 185021 | 0.960 | ppbv | | 96 |
| 47) 1,1,2-Trichloroethane | 9.62 | 97 | 146841 | 0.955 | ppbv | | 95 |
| 48) Dibromochloromethane | 10.46 | 129 | 247095 | 0.954 | ppbv | | 96 |
| 49) Bromoform | 13.21 | 173 | 204318 | 1.004 | ppbv | | 99 |
| 50) 4-Methyl-2-Pentanone | 8.89 | 43 | 345232 | 1.030 | ppbv | | 99 |
| 51) 2-Hexanone | 10.30 | 43 | 209816 | 0.870 | ppbv | # | 94 |
| 52) Tetrachloroethene | 11.38 | 164 | 118778 | 1.005 | ppbv | | 96 |
| 53) Toluene | 9.96 | 91 | 329481 | 0.864 | ppbv | | 97 |
| 54) 1,2-Dibromoethane | 10.77 | 107 | 206436 | 0.998 | ppbv | | 100 |
| 56) 1,1,1,2-Tetrachloroethane | 12.29 | 131 | 87258 | 0.505 | ppbv | # | 10 |
| 57) Chlorobenzene | 12.31 | 112 | 313035 | 1.082 | ppbv | | 95 |
| 58) Ethyl Benzene | 12.88 | 91 | 468246 | 1.025 | ppbv | | 99 |
| 59) m/p-Xylene | 13.13 | 91 | 410882 | 1.011 | ppbv | # | 25 |
| 60) o-Xylene | 13.86 | 91 | 461059 | 1.168 | ppbv | | 99 |
| 61) Styrene | 13.69 | 104 | 281206 | 1.065 | ppbv | | 99 |
| 62) Isopropylbenzene | 14.84 | 105 | 611952 | 1.098 | ppbv | | 99 |
| 63) 1,1,2,2-Tetrachloroethane | 13.84 | 83 | 332762 | 1.084 | ppbv | | 98 |
| 64) n-propylbenzene | 15.73 | 120 | 161463 | 1.156 | ppbv | | 95 |
| 65) tert-Butylbenzene | 16.92 | 119 | 557597 | 1.160 | ppbv | | 96 |
| 66) Benzyl Chloride | 17.16 | 91 | 256298 | 1.021 | ppbv | | 99 |
| 67) sec-Butylbenzene | 17.47 | 105 | 793748 | 1.163 | ppbv | | 99 |
| 69) p-Isopropyltoluene | 17.82 | 119 | 612831 | 1.131 | ppbv | | 98 |
| 70) n-Butylbenzene | 18.72 | 91 | 619929 | 1.115 | ppbv | | 99 |
| 71) 2-Chlorotoluene | 15.63 | 91 | 437580 | 1.093 | ppbv | | 97 |
| 72) 4-Ethyltoluene | 16.01 | 105 | 475048 | 1.118 | ppbv | | 98 |
| 73) 1,3,5-Trimethylbenzene | 16.16 | 105 | 486222 | 1.174 | ppbv | | 98 |
| 74) 1,2,4-Trimethylbenzene | 16.93 | 105 | 535017 | 1.211 | ppbv | | 97 |
| 75) 1,3-Dichlorobenzene | 17.17 | 146 | 291138 | 1.144 | ppbv | | 94 |
| 76) 1,4-Dichlorobenzene | 17.31 | 146 | 117201 | 0.498 | ppbv | # | 23 |
| 77) 1,2-Dichlorobenzene | 18.00 | 146 | 265705 | 1.107 | ppbv | | 98 |
| 78) Hexachloro-1,3-Butadiene | 23.55 | 225 | 145613 | 1.197 | ppbv | | 98 |
| 79) Naphthalene | 22.42 | 128 | 303595 | 1.093 | ppbv | | 97 |
| 80) Naphthalene,2-methyl- | 25.13 | 142 | 44934 | 0.676 | ppbv | | 95 |
| 81) 1,2,4-Trichlorobenzene | 22.13 | 180 | 41488 | 0.292 | ppbv | # | 12 |

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

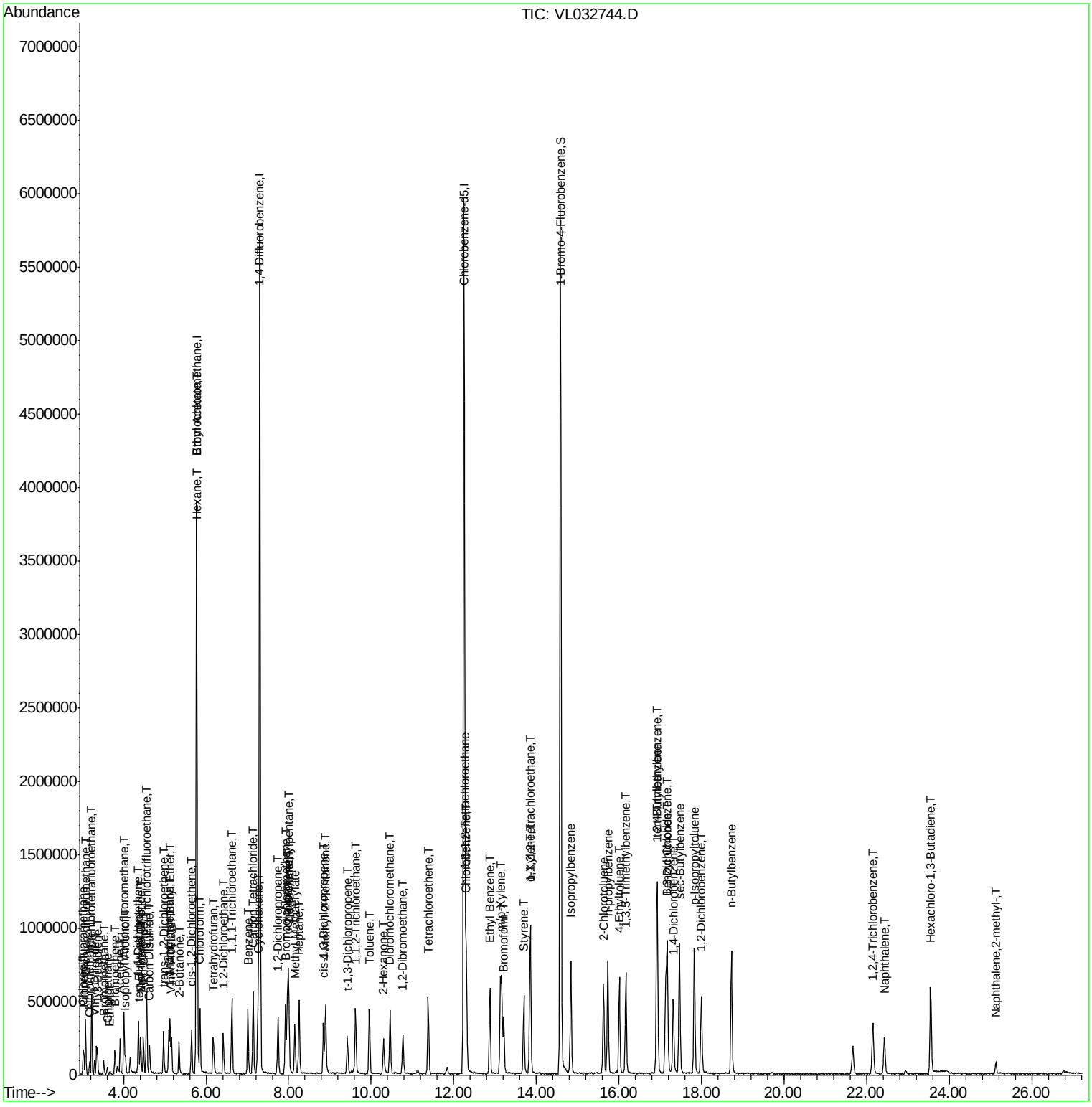
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111418\

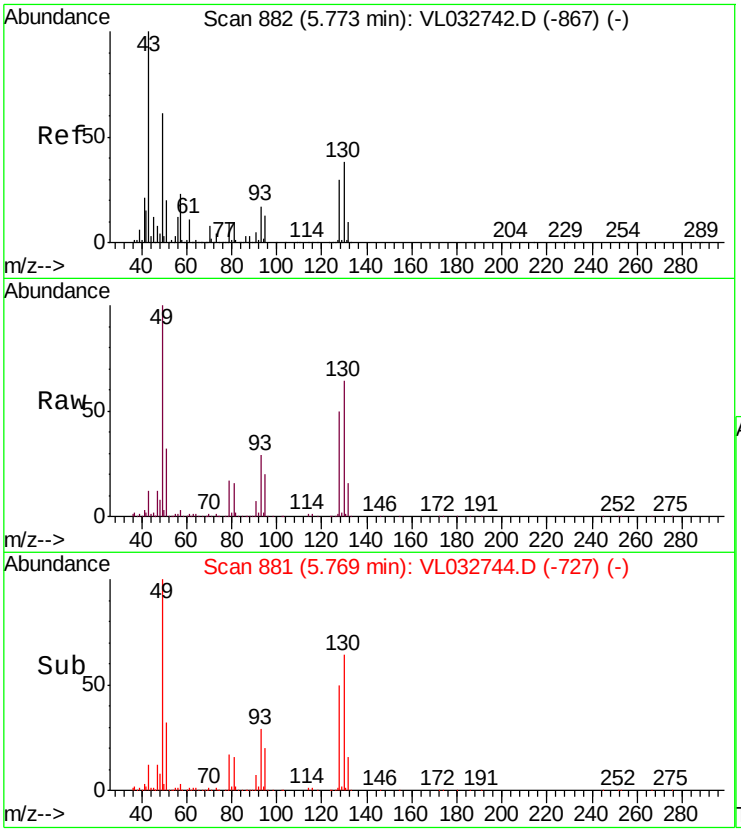
Quantitation Report (Not Reviewed)

Data File : VL032744.D
Acq On : 14 Nov 2018 3:45
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDICC001

Quant Time: Nov 14 05:43:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 05:38:10 2018
QLast Update : Wed Nov 14 05:38:10 2018
Response via : Initial Calibration



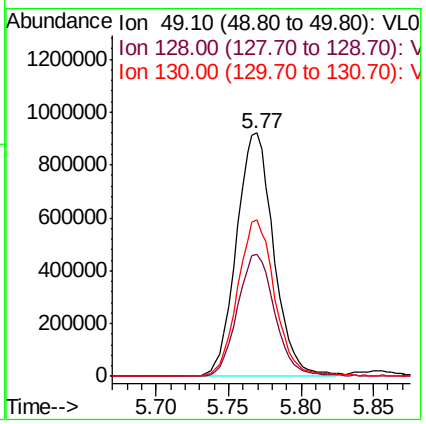


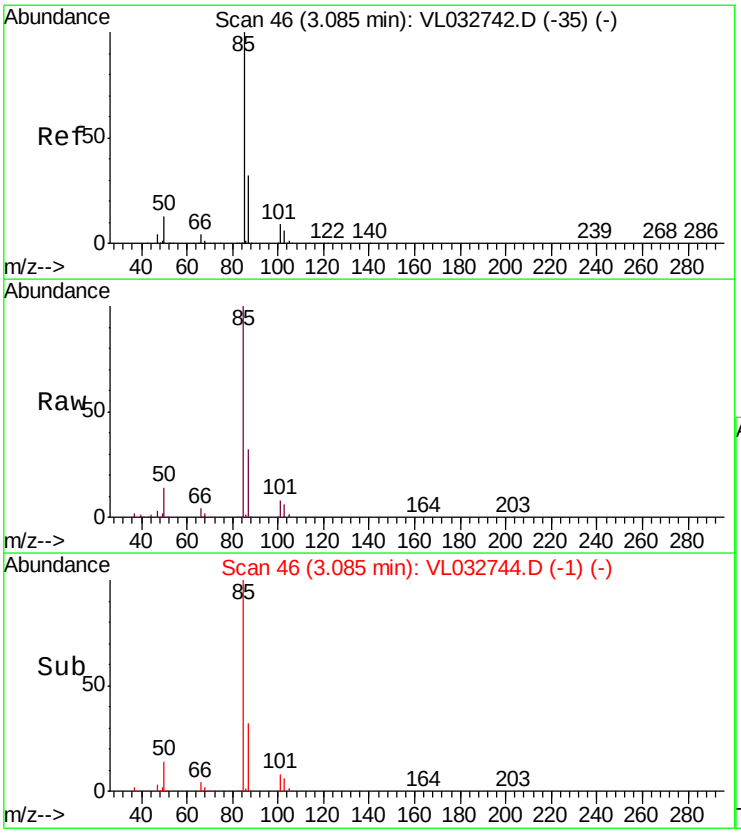

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 881
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion: 49 Resp: 1644957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 50.8 | 24.9 | 74.6 |
| 130 | 64.6 | 31.4 | 94.2 |

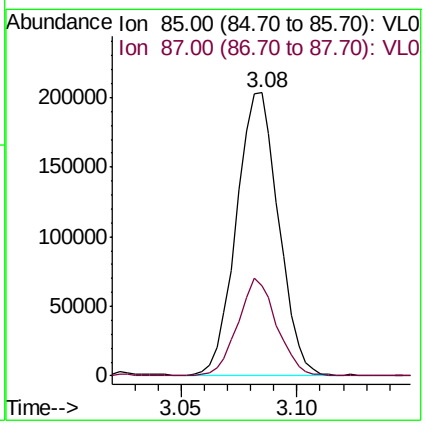


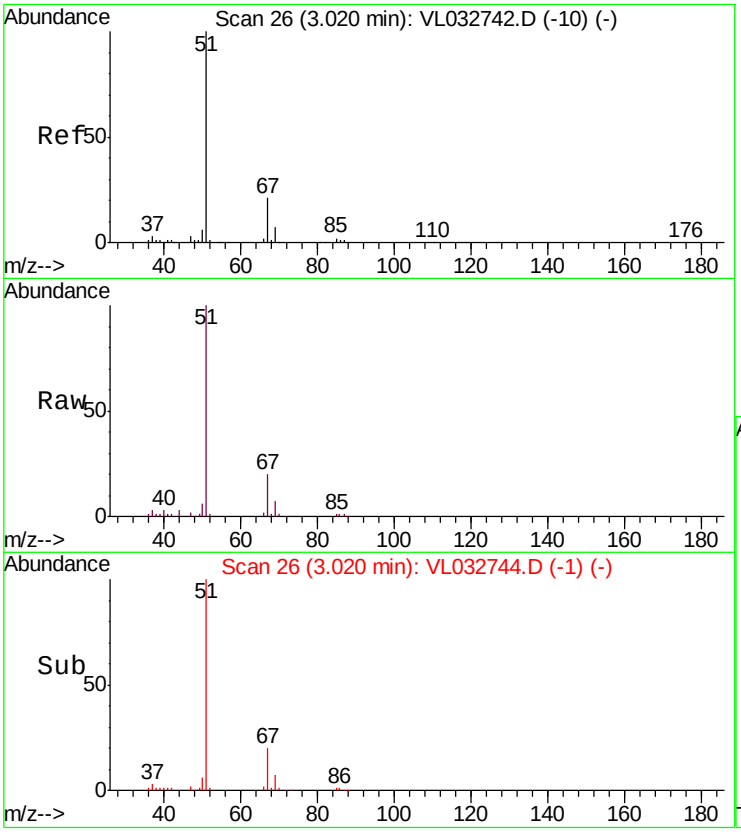




#2
Dichlorodifluoromethane
Concen: 1.366 ppbv
RT: 3.08 min Scan# 46
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 85 Resp: 256206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.0 | 26.0 | 39.0 |



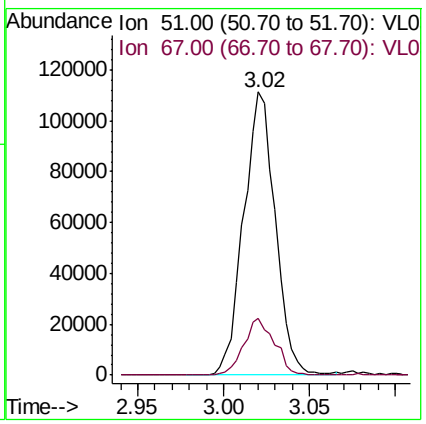


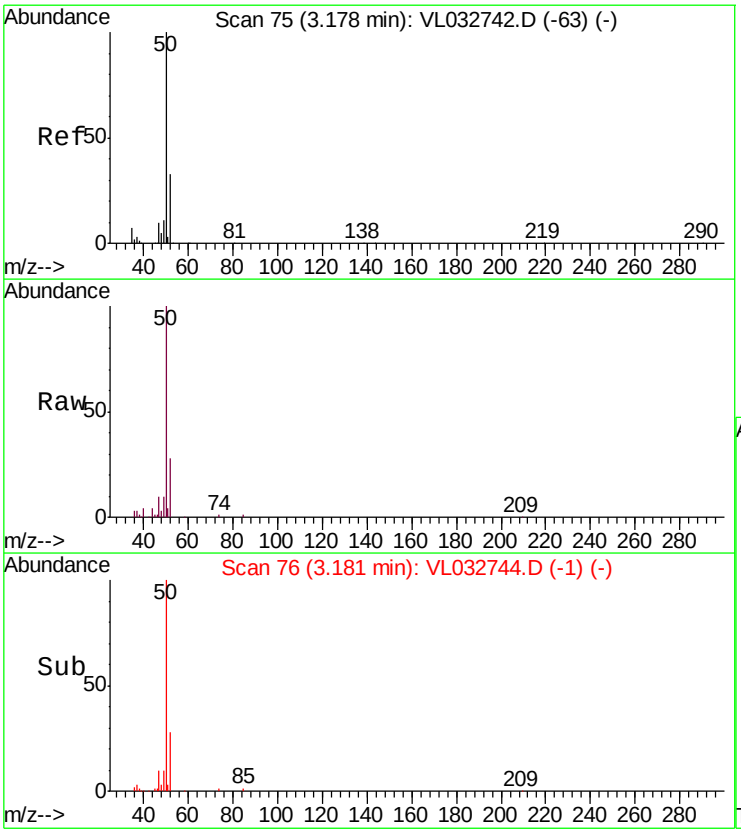

#3
Chlorodifluoromethane
Concen: 1.091 ppbv
RT: 3.02 min Scan# 26
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion: 51 Resp: 142004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 51 | 100 | | |
| 67 | 19.6 | 16.1 | 24.1 |

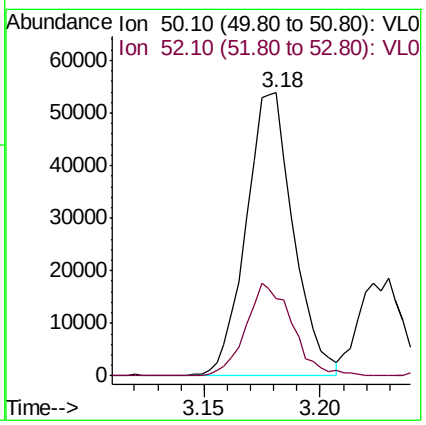


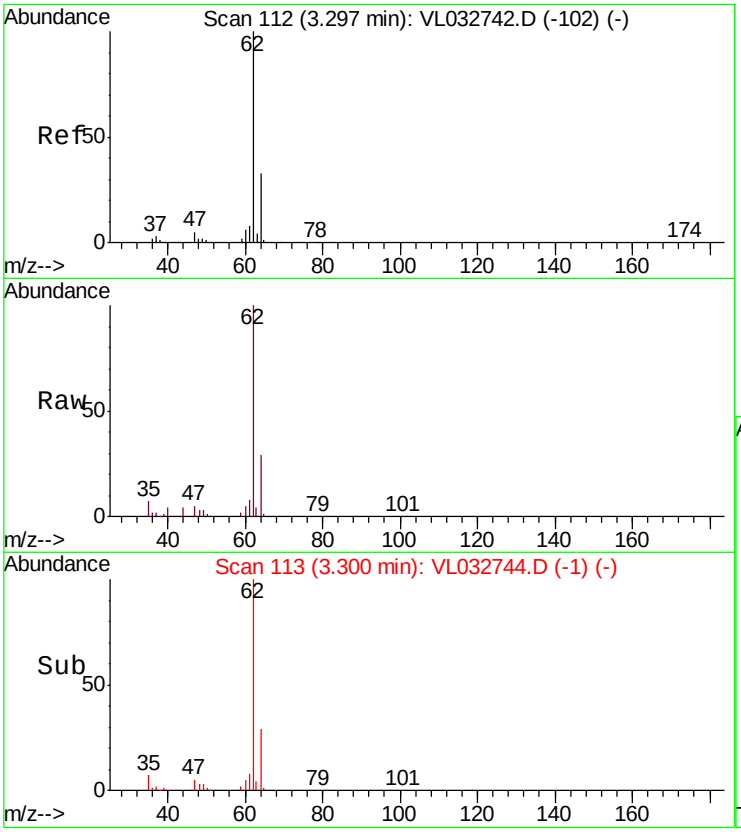




#4
Chloromethane
Concen: 1.061 ppbv
RT: 3.18 min Scan# 76
Delta R.T. 0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 50 Resp: 76750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 27.6 | 26.6 | 40.0 |



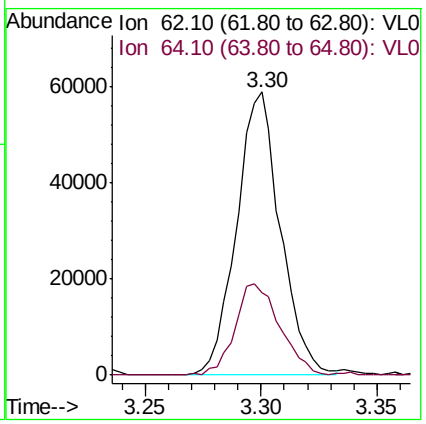


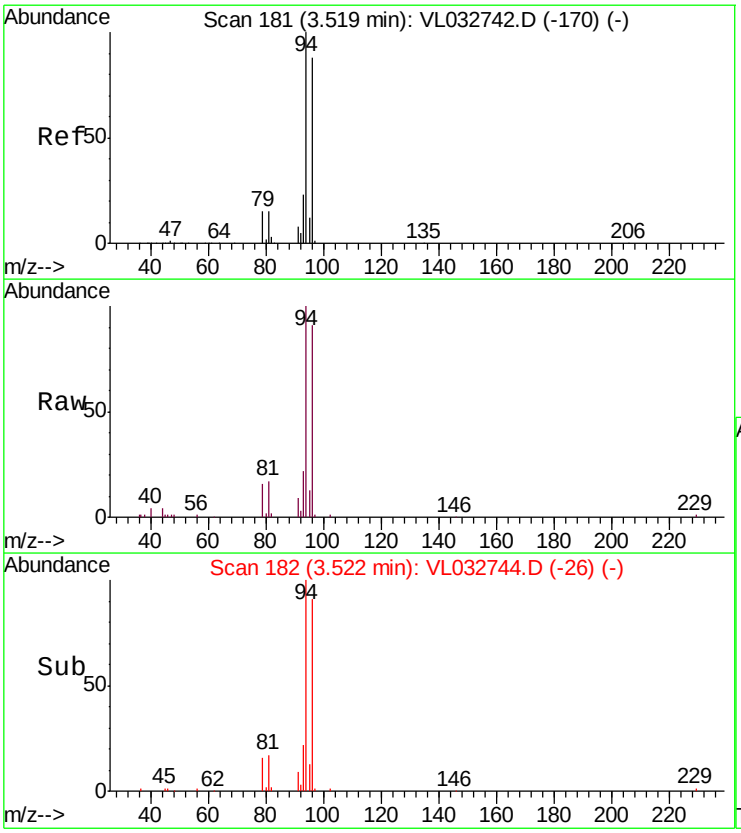

#5
Vinyl Chloride
Concen: 0.992 ppbv
RT: 3.30 min Scan# 113
Delta R.T. 0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion: 62 Resp: 77605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 30.4 | 26.2 | 39.4 |

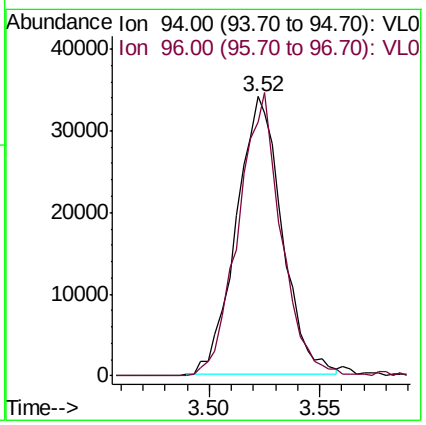


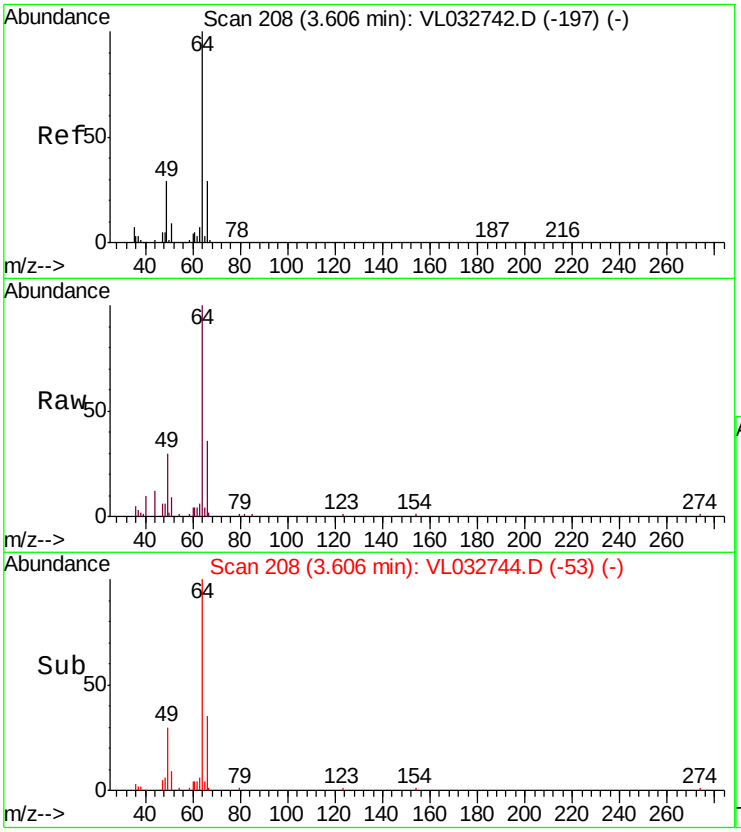




#6
Bromomethane
Concen: 0.996 ppbv
RT: 3.52 min Scan# 182
Delta R.T. 0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 94 Resp: 48973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 91.4 | 70.2 | 105.2 |



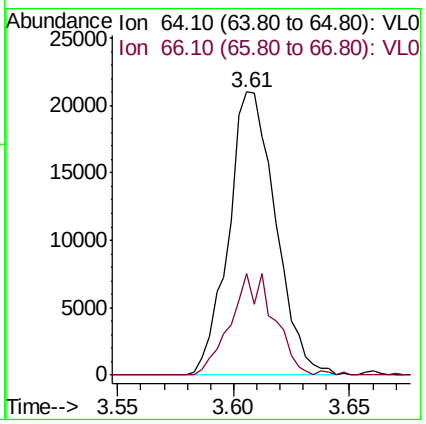


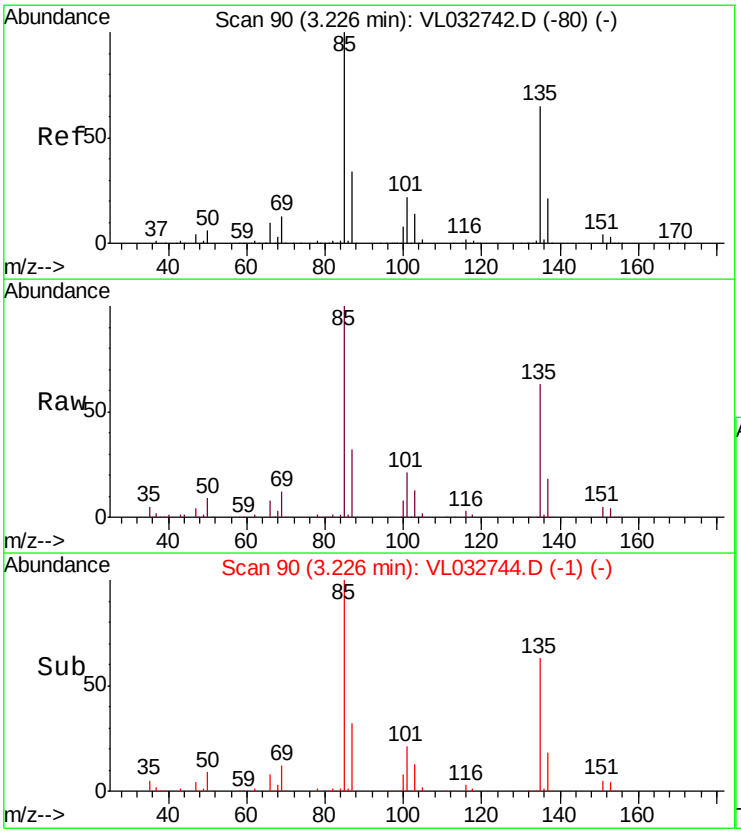

#7
Chloroethane
Concen: 1.024 ppbv
RT: 3.61 min Scan# 208
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion: 64 Resp: 29612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 35.7 | 23.2 | 34.8# |

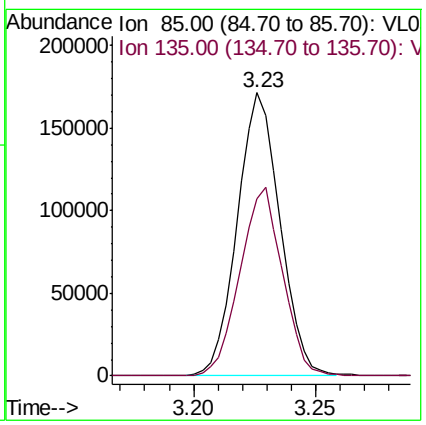


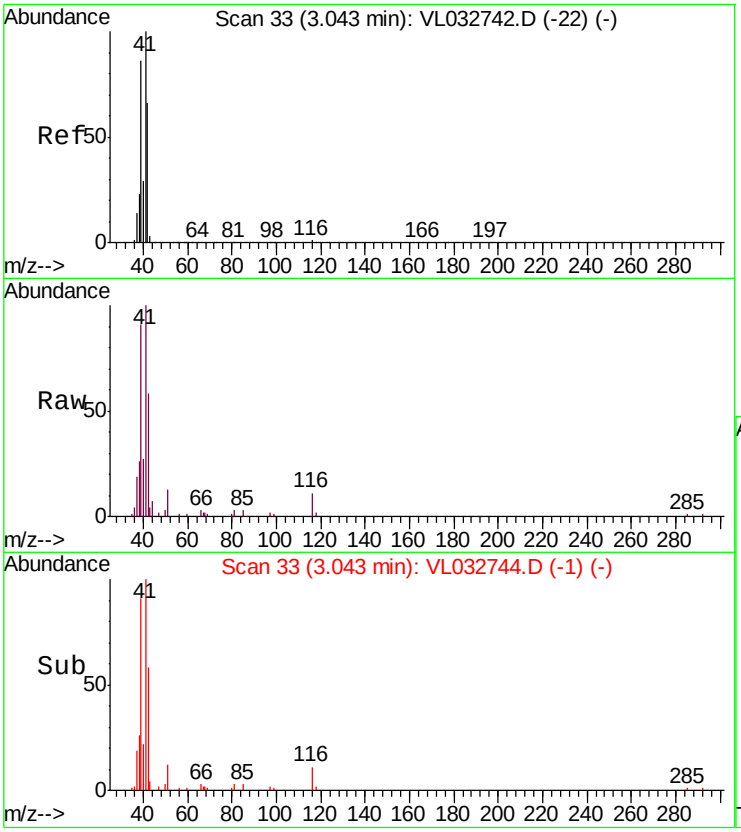




#8
Dichlorotetrafluoroethane
Concen: 1.152 ppbv
RT: 3.23 min Scan# 90
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 85 Resp: 206413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 135 | 66.7 | 53.8 | 80.8 |



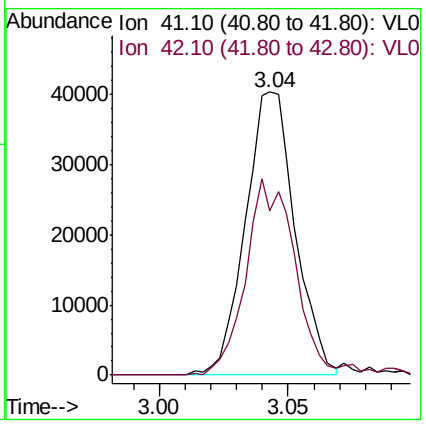


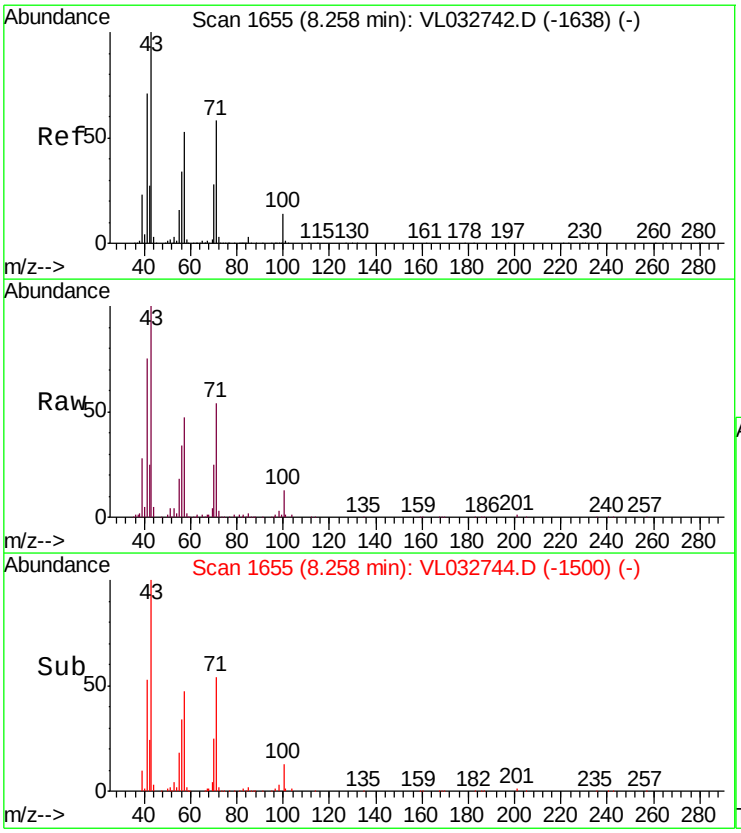

#9
Propene
Concen: 1.024 ppbv
RT: 3.04 min Scan# 33
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion: 41 Resp: 54216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 70.7 | 55.0 | 82.6 |

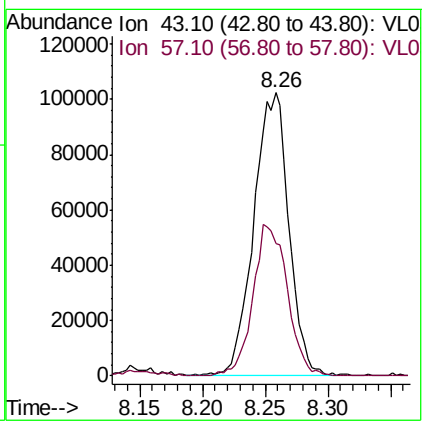


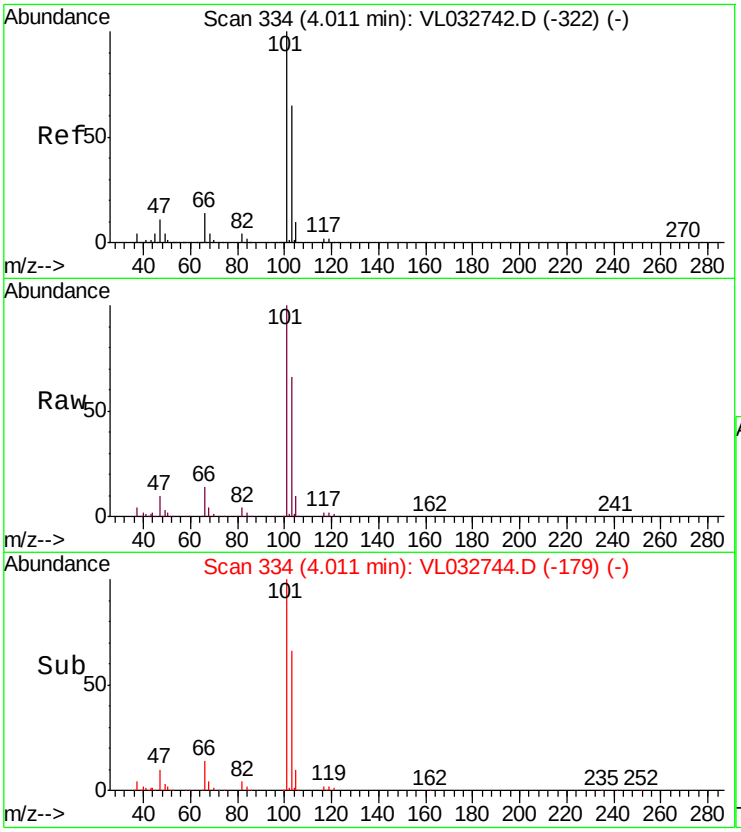




#10
Heptane
Concen: 0.966 ppbv
RT: 8.26 min Scan# 1655
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 43 Resp: 198493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 52.9 | 41.8 | 62.8 |



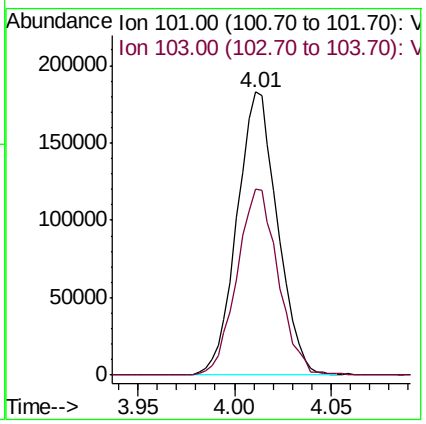


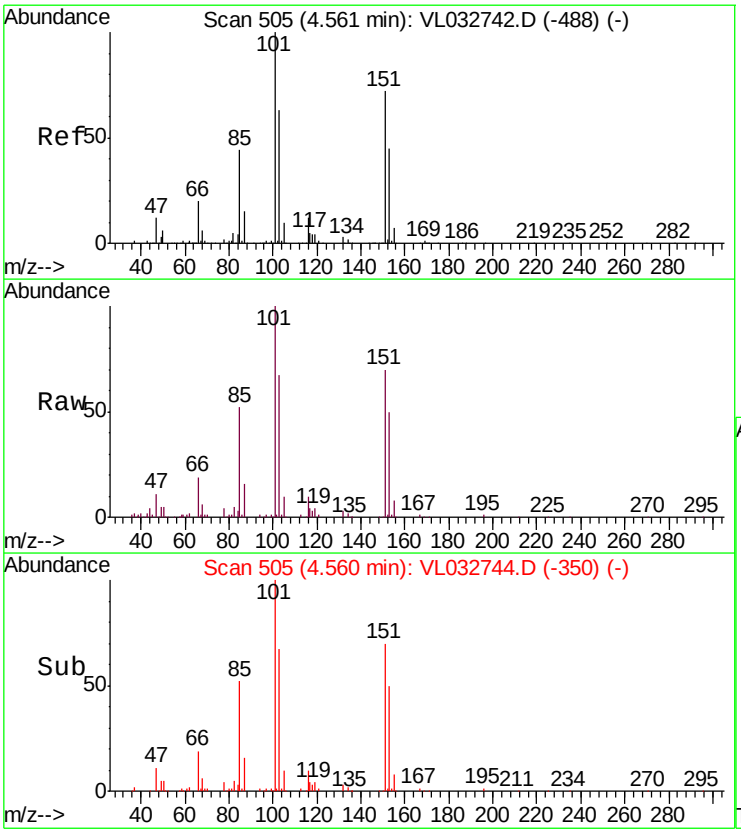

#11
Trichlorofluoromethane
Concen: 1.198 ppbv
RT: 4.01 min Scan# 334
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion:101 Resp: 266832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.5 | 51.6 | 77.4 |

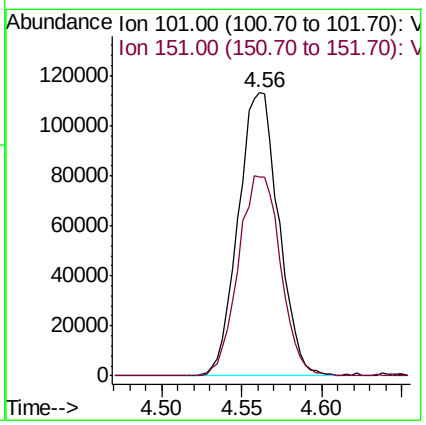


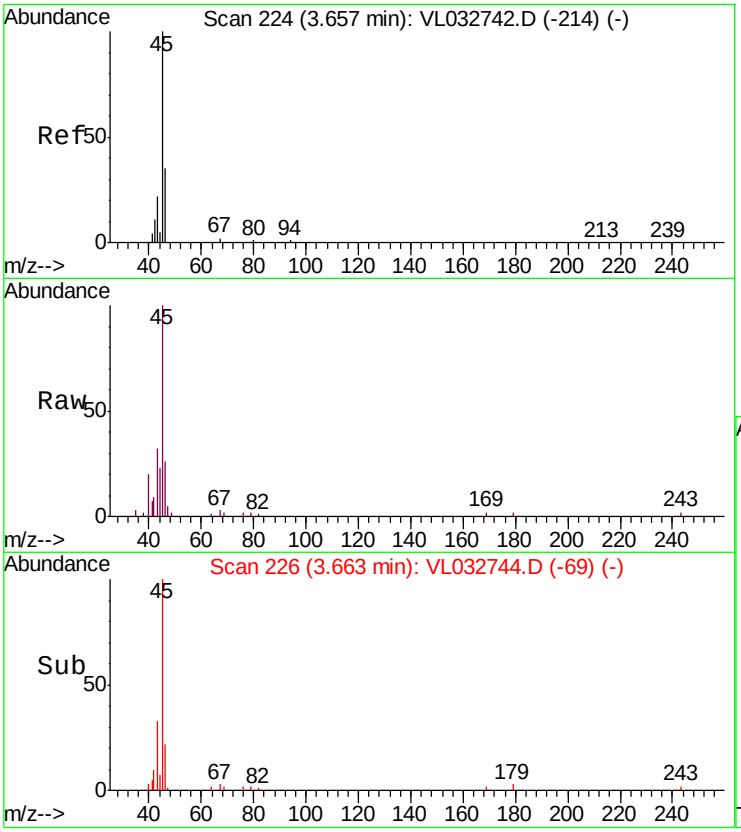




#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.087 ppbv
RT: 4.56 min Scan# 505
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion:101 Resp: 195680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 151 | 73.7 | 56.7 | 85.1 |



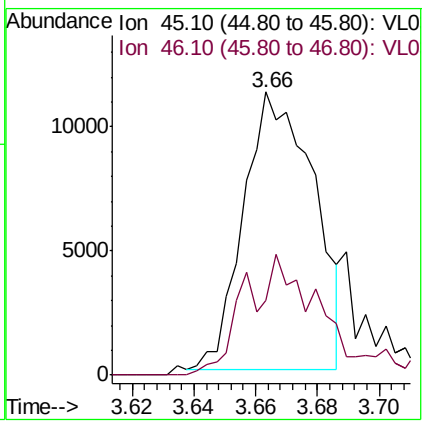


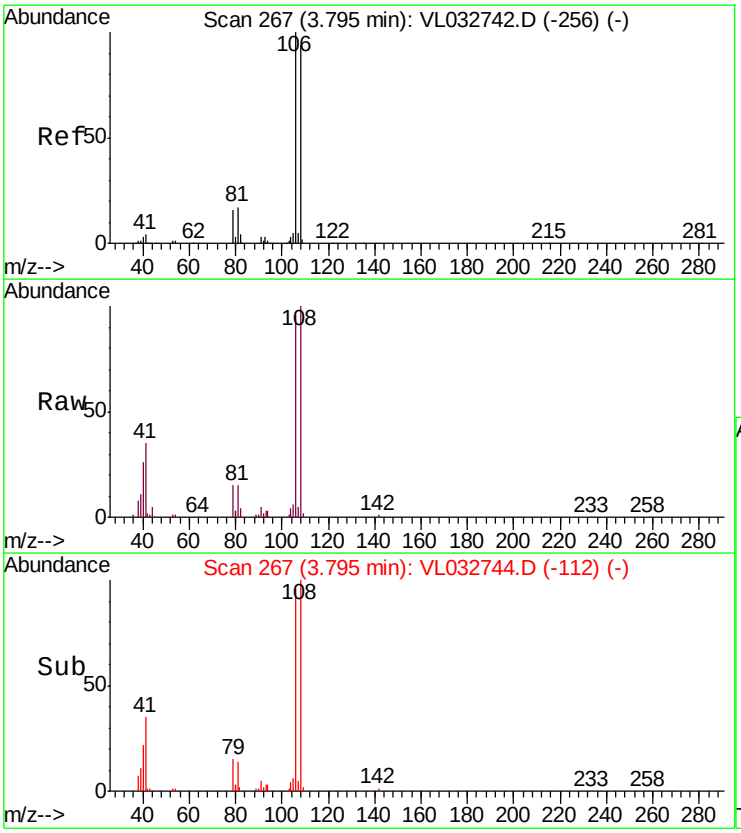

#13
Ethanol
Concen: 1.182 ppbv
RT: 3.66 min Scan# 226
Delta R.T. 0.01 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion: 45 Resp: 17675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 51.3 | 14.5 | 57.9 |

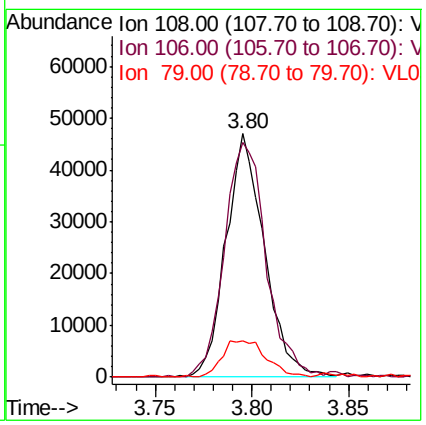


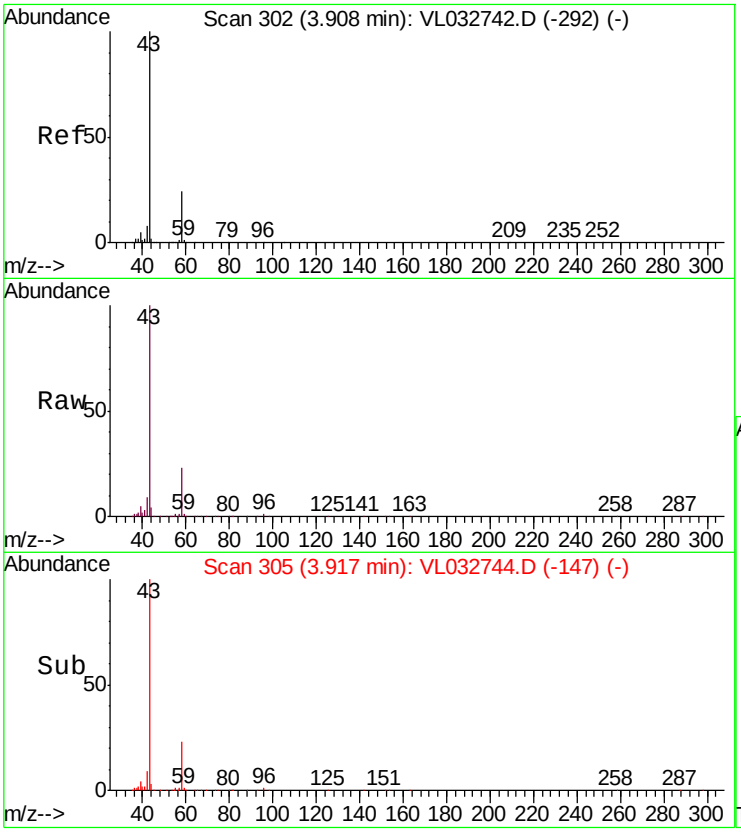




#14
Bromoethene
Concen: 1.046 ppbv
RT: 3.80 min Scan# 267
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion:108 Resp: 64741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 108 | 100 | | |
| 106 | 105.5 | 84.9 | 127.3 |
| 79 | 17.6 | 14.2 | 21.4 |



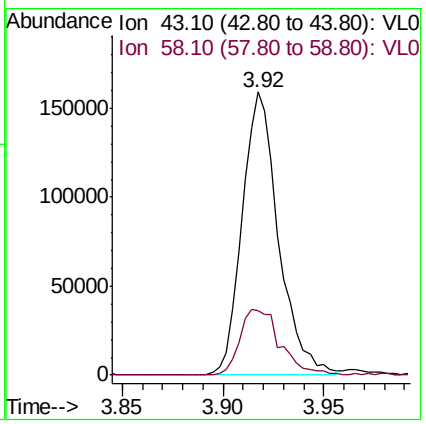


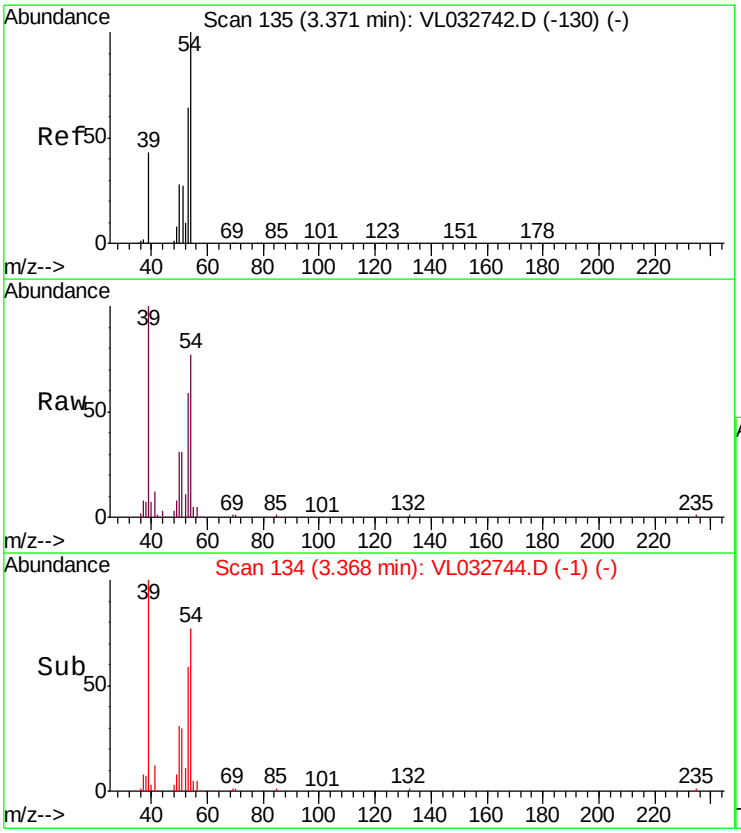

#15
Acetone
Concen: 1.317 ppbv
RT: 3.92 min Scan# 305
Delta R.T. 0.01 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion: 43 Resp: 201435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.5 | 21.1 | 31.7 |

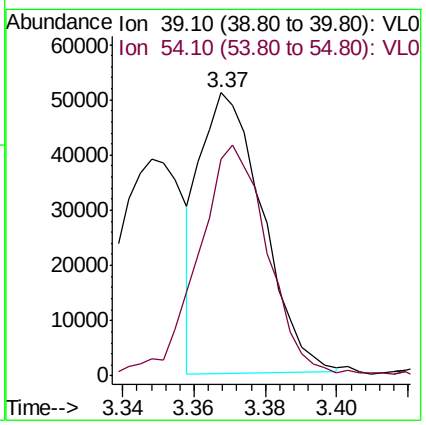


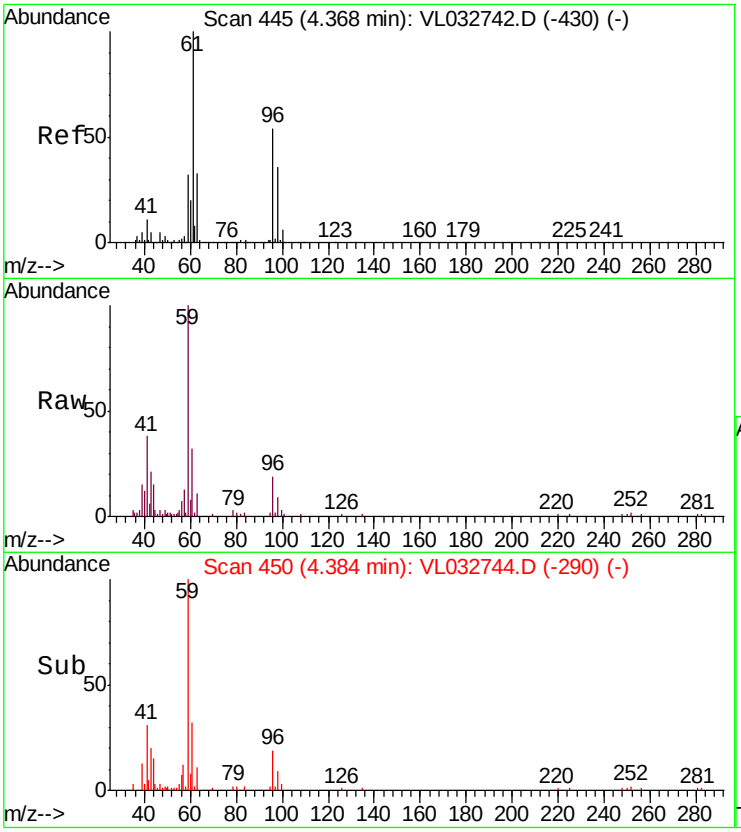




#16
1,3-Butadiene
Concen: 1.066 ppbv
RT: 3.37 min Scan# 134
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 39 Resp: 61814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 93.2 | 68.9 | 103.3 |



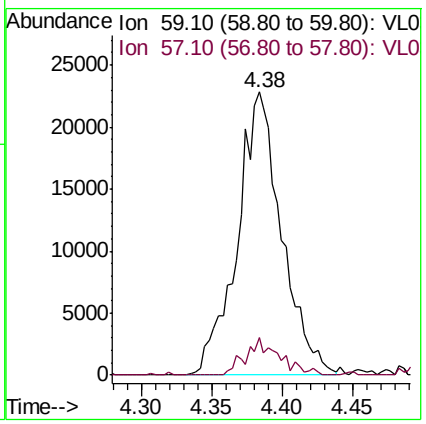


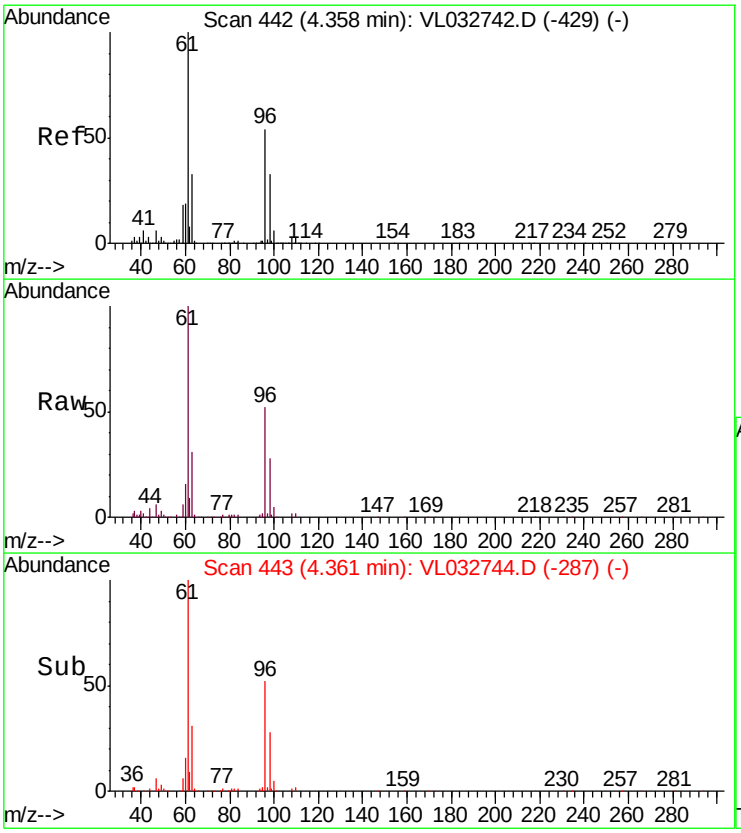

#17
tert-Butyl alcohol
Concen: 1.162 ppbv
RT: 4.38 min Scan# 450
Delta R.T. 0.02 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion: 59 Resp: 50215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.2 | 7.8 | 11.8 |

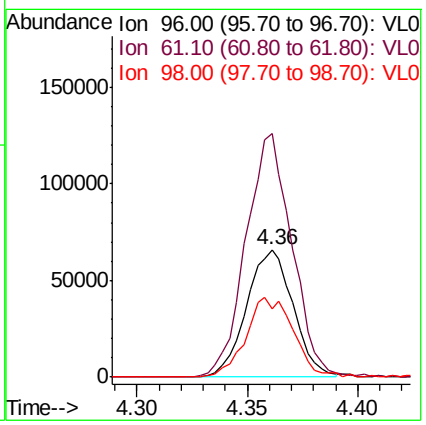


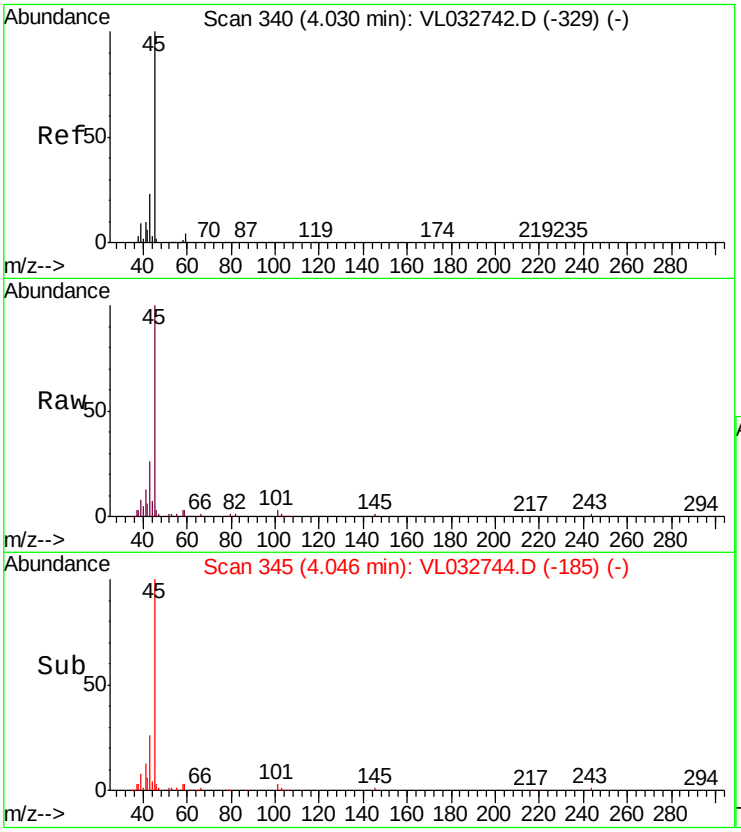




#18
1,1-Dichloroethene
Concen: 1.191 ppbv
RT: 4.36 min Scan# 443
Delta R.T. 0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 96 Resp: 96659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 190.9 | 148.5 | 222.7 |
| 98 | 53.6 | 48.6 | 72.8 |



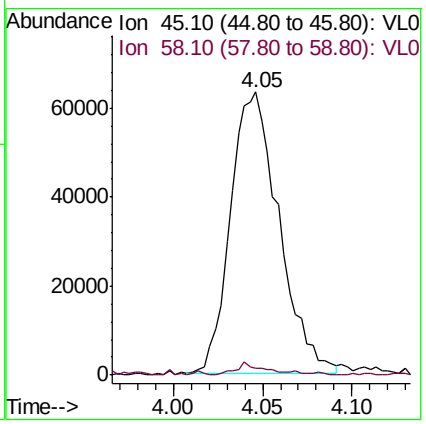


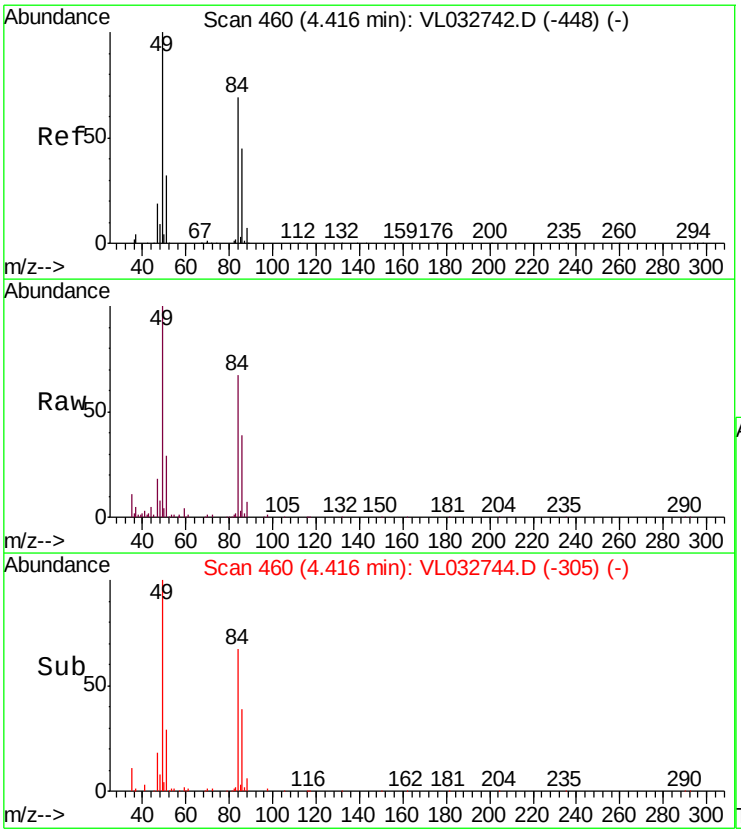

#19
Isopropyl Alcohol
Concen: 1.128 ppbv
RT: 4.05 min Scan# 345
Delta R.T. 0.02 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDICC001

Tgt Ion: 45 Resp: 120205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 3.7 | 1.4 | 2.0# |

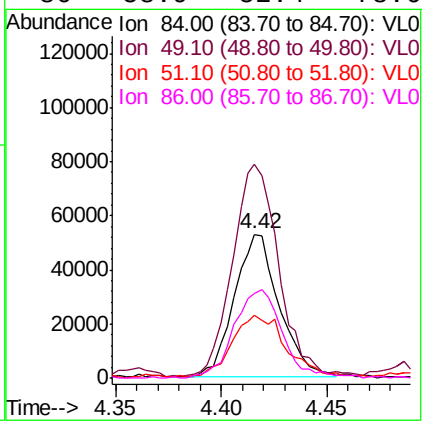


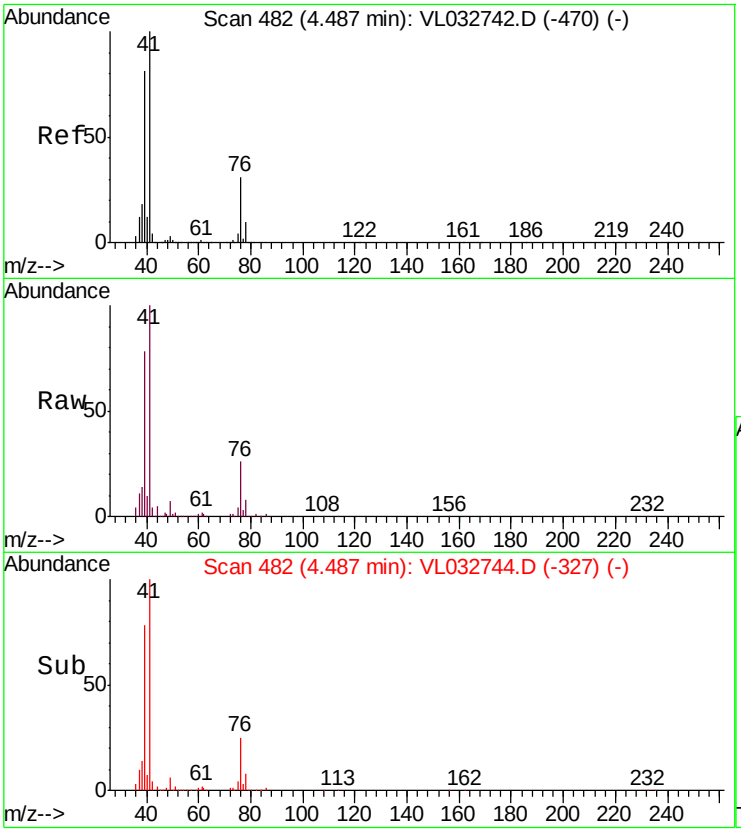




#20
Methylene Chloride
Concen: 0.998 ppbv
RT: 4.42 min Scan# 460
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 84 Resp: 77618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 148.0 | 115.8 | 173.6 |
| 51 | 43.1 | 36.9 | 55.3 |
| 86 | 58.9 | 52.4 | 78.6 |



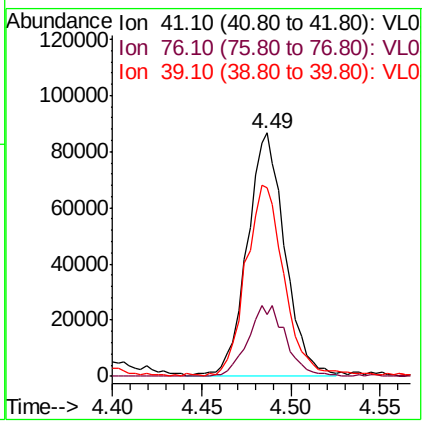


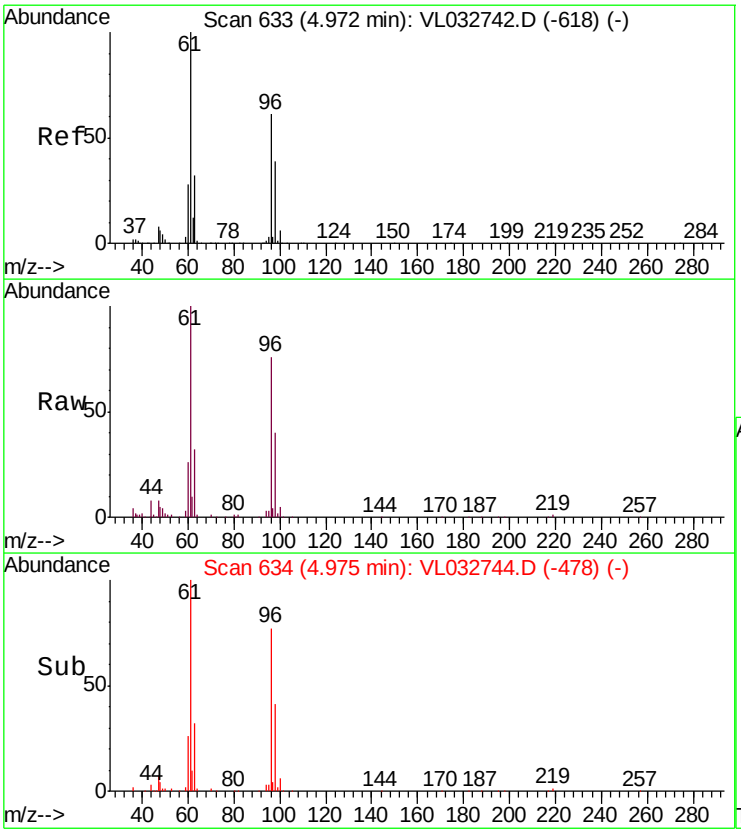

#21
Allyl Chloride
Concen: 1.042 ppbv
RT: 4.49 min Scan# 482
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDICC001

Tgt Ion: 41 Resp: 127502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 76 | 29.7 | 24.4 | 36.6 |
| 39 | 82.2 | 63.5 | 95.3 |

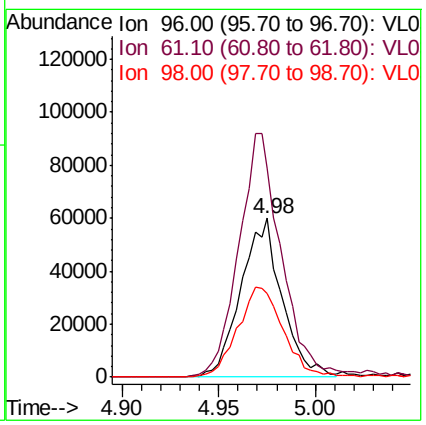


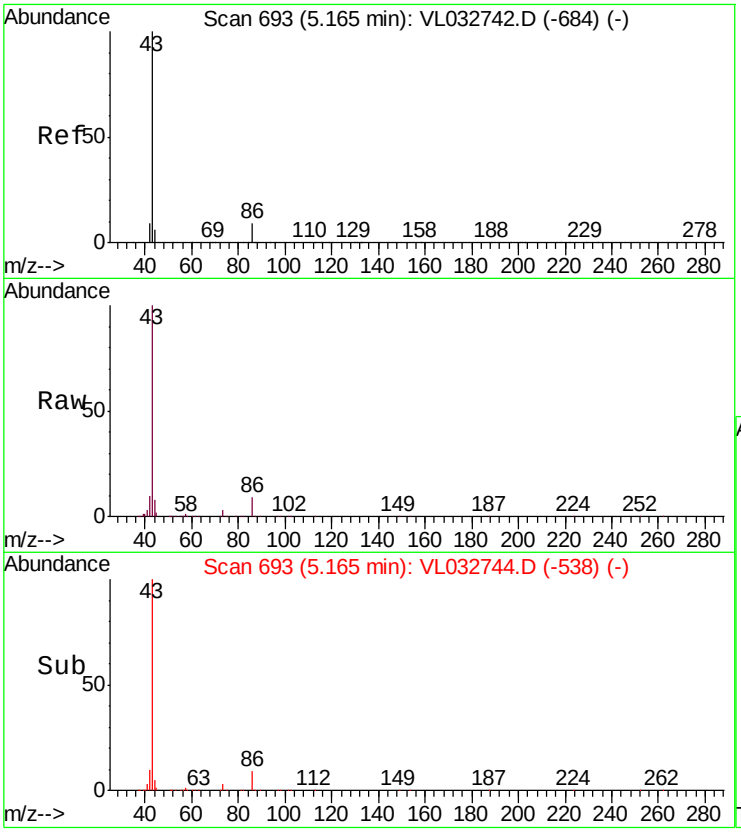




#22
trans-1,2-Dichloroethene
Concen: 1.063 ppbv
RT: 4.98 min Scan# 634
Delta R.T. 0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 96 Resp: 88741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 131.3 | 130.2 | 195.2 |
| 98 | 52.4 | 50.2 | 75.2 |



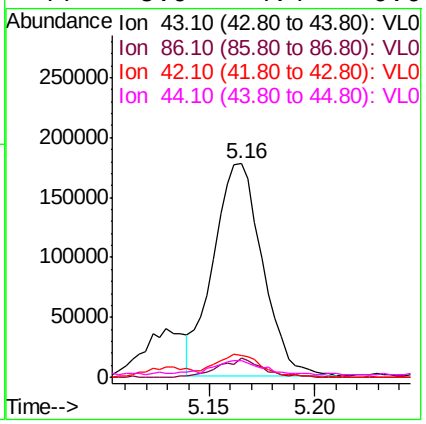


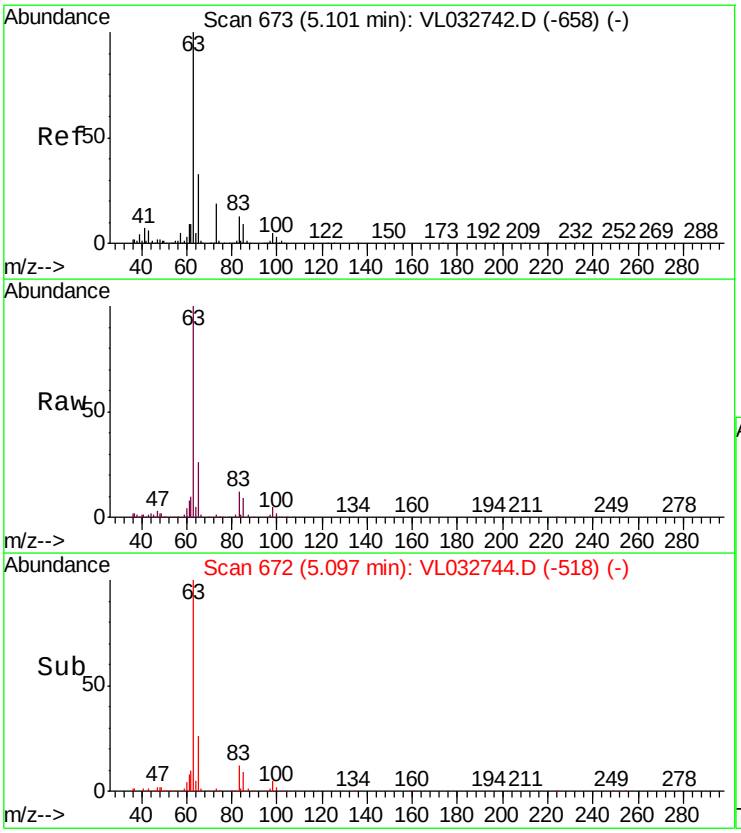

#23
Vinyl Acetate
Concen: 1.037 ppbv
RT: 5.16 min Scan# 693
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDICC001

Tgt Ion: 43 Resp: 286135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 9.3 | 6.2 | 9.4 |
| 42 | 10.0 | 7.8 | 11.6 |
| 44 | 5.9 | 4.4 | 6.6 |

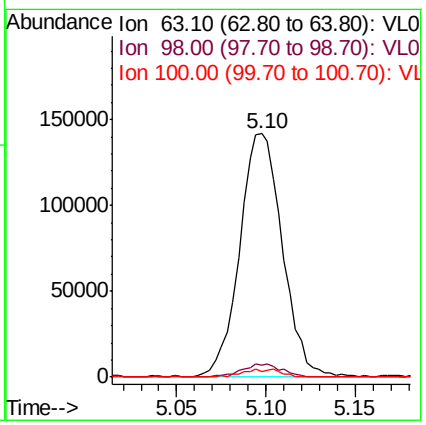


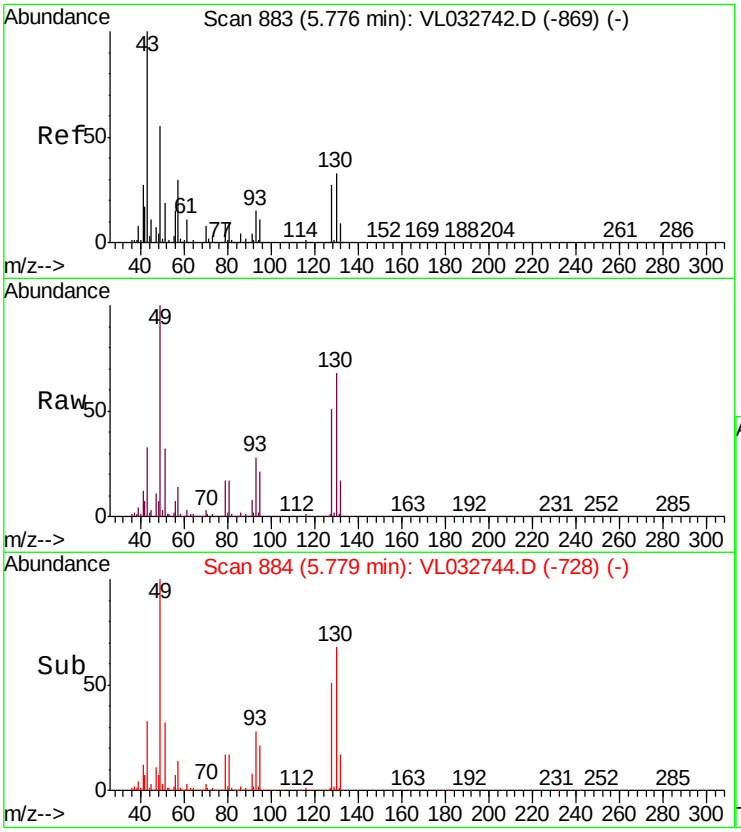




#24
1,1-Dichloroethane
Concen: 1.089 ppbv
RT: 5.10 min Scan# 672
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 63 Resp: 236269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 4.7 | 2.3 | 6.8 |
| 100 | 2.4 | 1.4 | 4.2 |



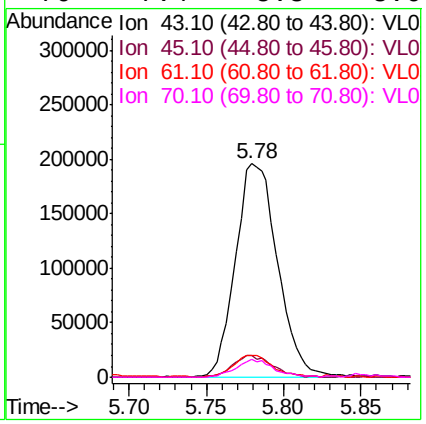


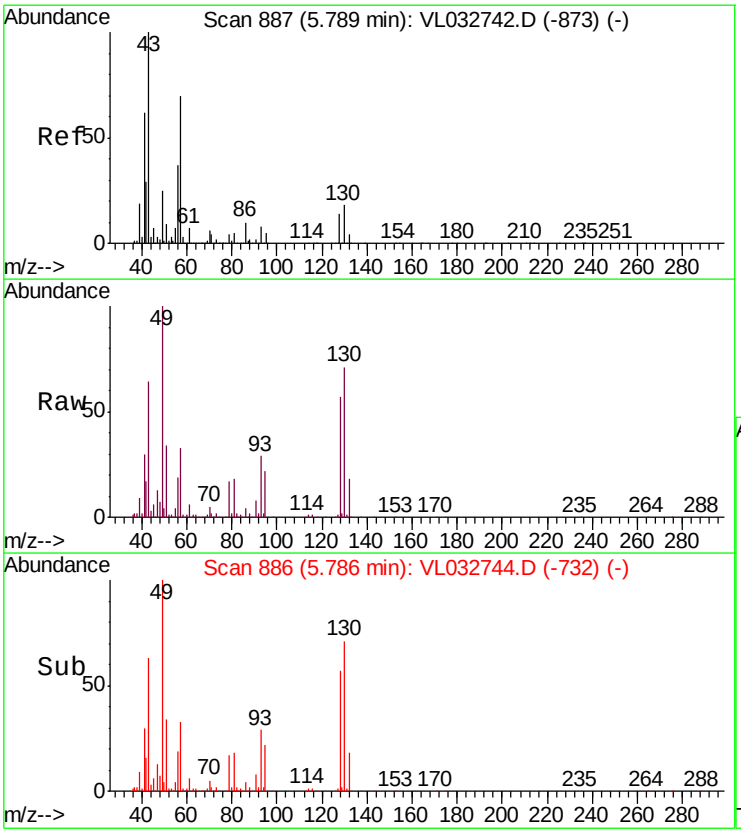

#25
Ethyl Acetate
Concen: 1.058 ppbv
RT: 5.78 min Scan# 884
Delta R.T. 0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDICC001

Tgt Ion: 43 Resp: 370317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 9.8 | 7.9 | 11.9 |
| 61 | 9.7 | 7.8 | 11.6 |
| 70 | 7.4 | 5.8 | 8.6 |

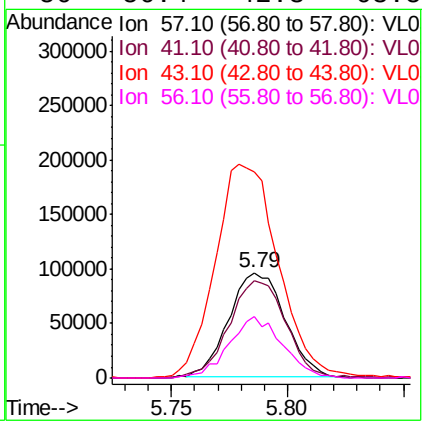


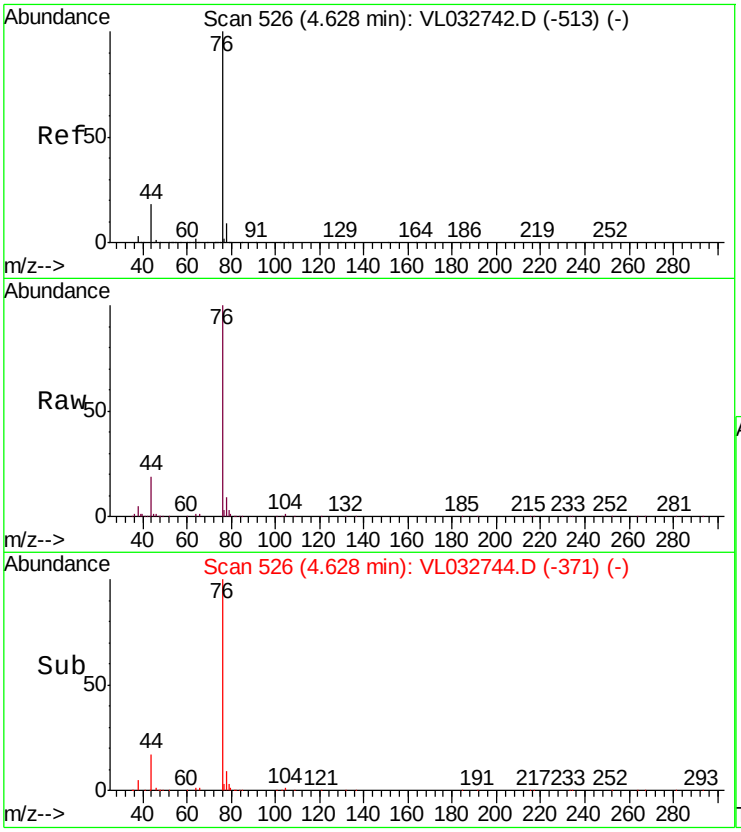




#26
Hexane
Concen: 0.975 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 57 Resp: 160605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 95.6 | 70.3 | 105.5 |
| 43 | 235.3 | 174.0 | 261.0 |
| 56 | 56.4 | 42.3 | 63.5 |



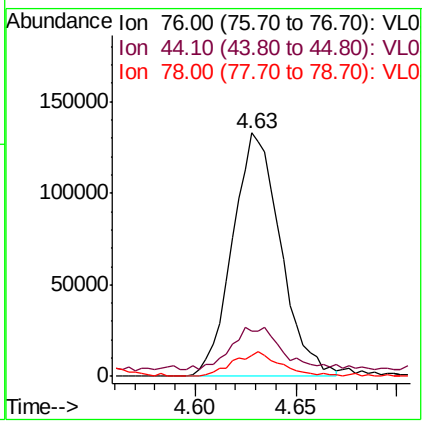


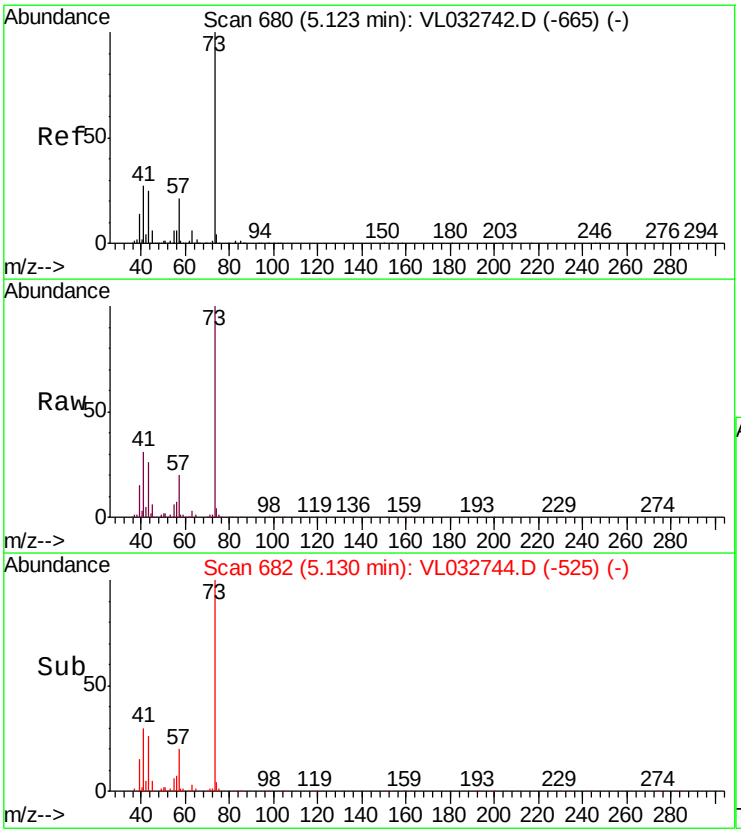

#27
Carbon Disulfide
Concen: 1.122 ppbv
RT: 4.63 min Scan# 526
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion: 76 Resp: 221760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 44 | 21.5 | 14.4 | 21.6 |
| 78 | 10.6 | 7.7 | 11.5 |

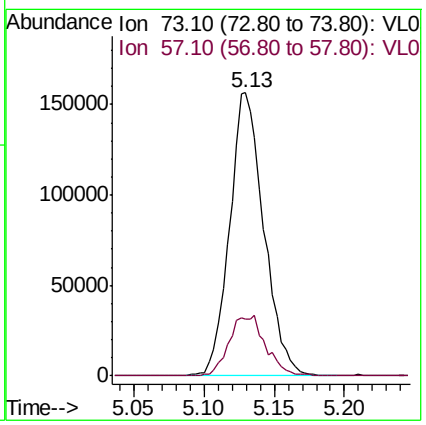


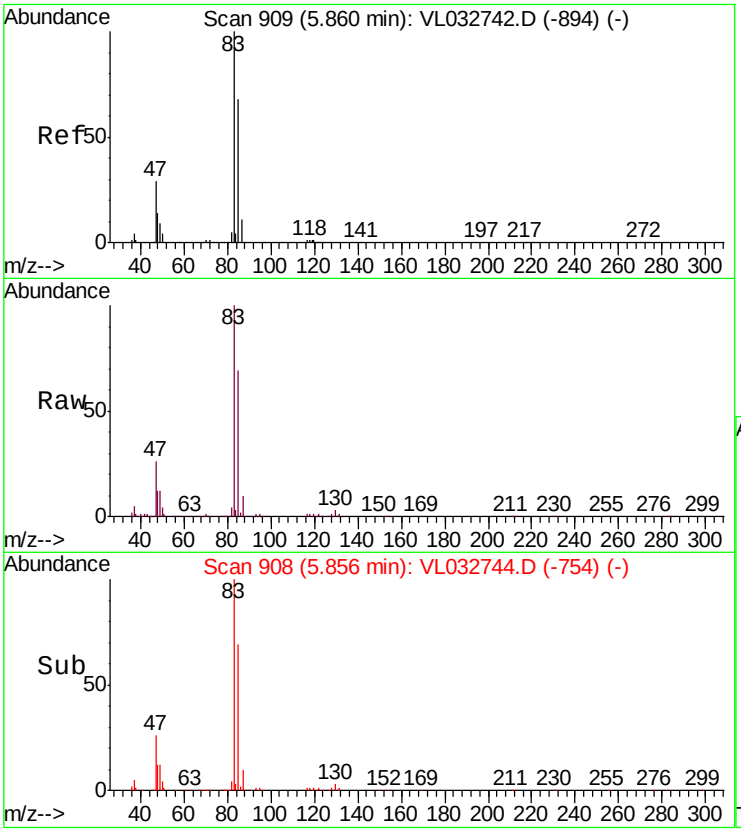




#28
Methyl tert-Butyl Ether
Concen: 1.087 ppbv
RT: 5.13 min Scan# 682
Delta R.T. 0.01 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 73 Resp: 265598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.9 | 17.5 | 26.3 |



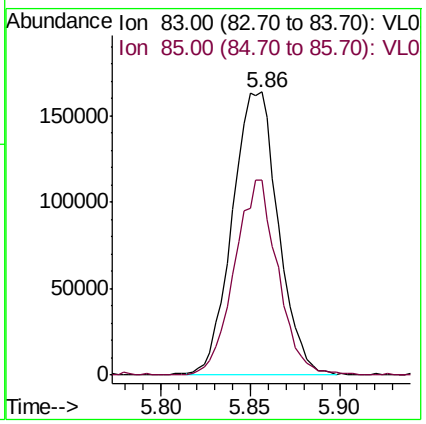


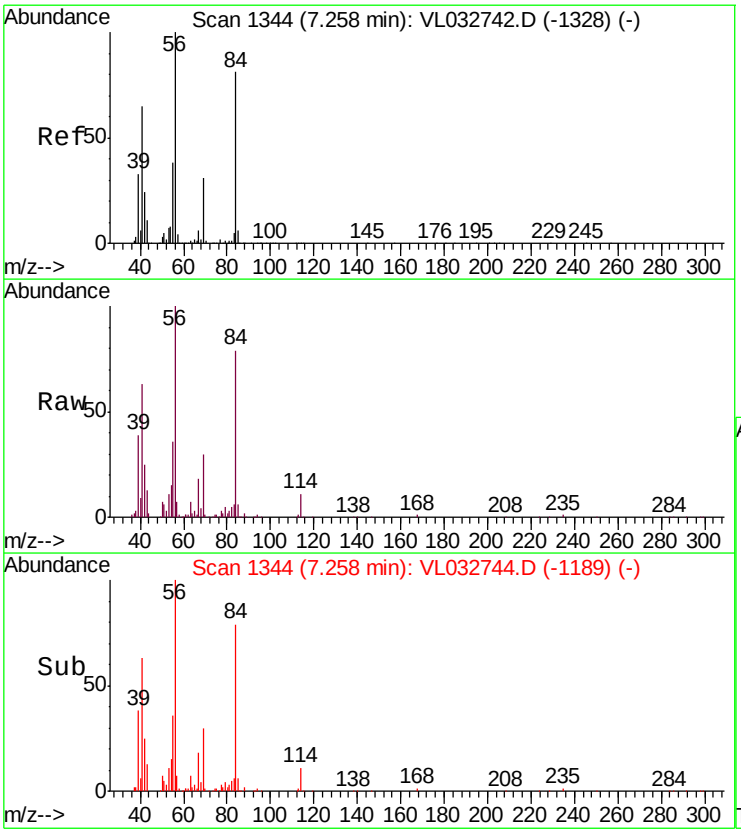

#29
Chloroform
Concen: 1.101 ppbv
RT: 5.86 min Scan# 908
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion: 83 Resp: 293490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 69.0 | 54.2 | 81.4 |

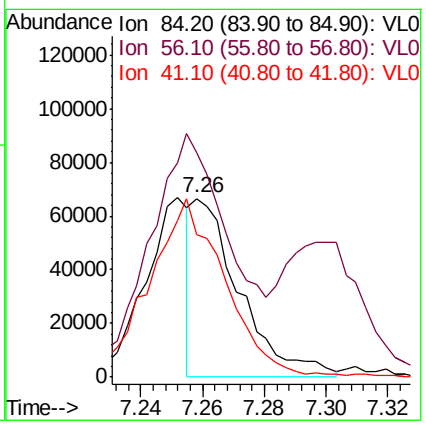


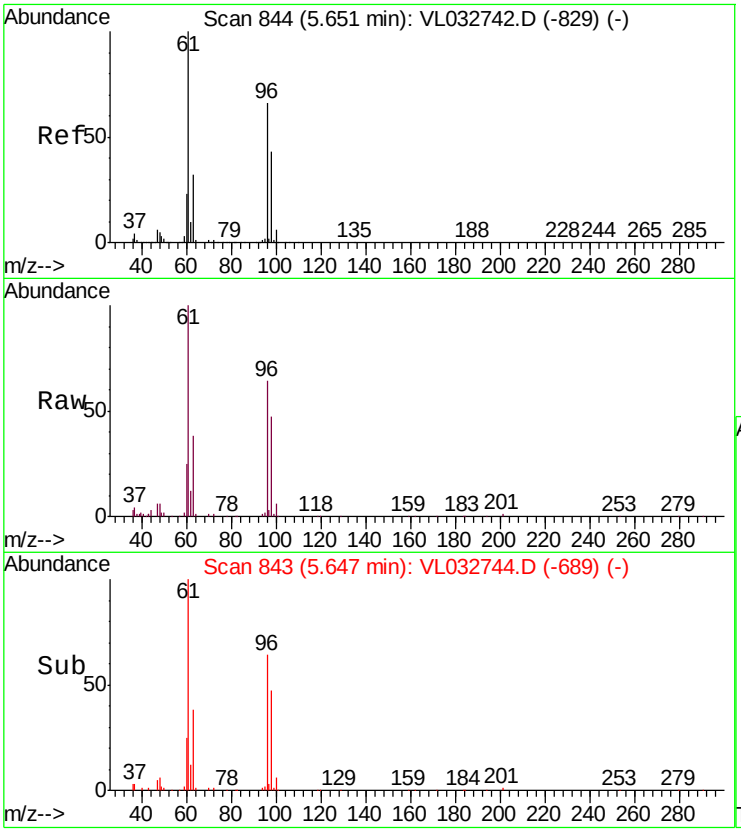




#30
Cyclohexane
Concen: 0.527 ppbv
RT: 7.26 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 84 Resp: 69674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 250.7 | 105.0 | 157.4# |
| 41 | 166.3 | 65.3 | 97.9# |



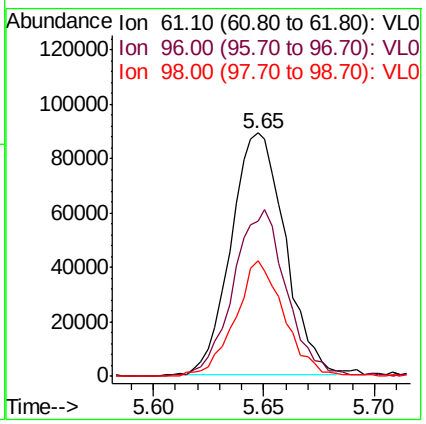


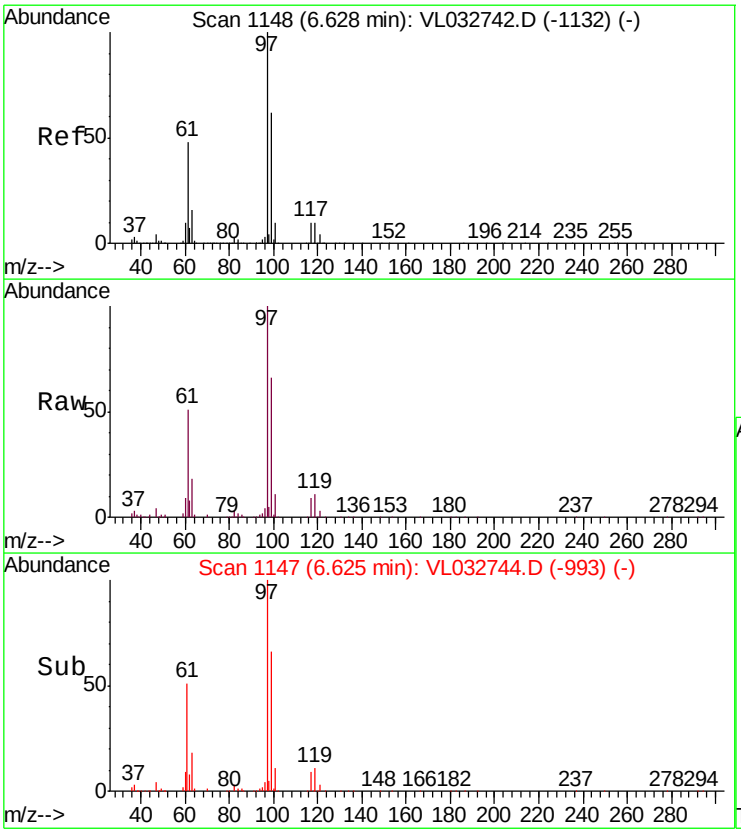

#31
cis-1,2-Dichloroethene
Concen: 0.980 ppbv
RT: 5.65 min Scan# 843
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion: 61 Resp: 150833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 61 | 100 | | |
| 96 | 63.8 | 53.2 | 79.8 |
| 98 | 46.2 | 34.4 | 51.6 |

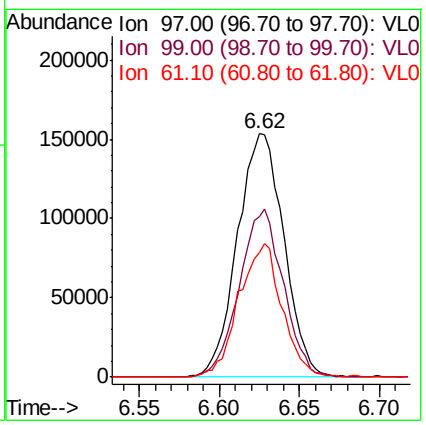


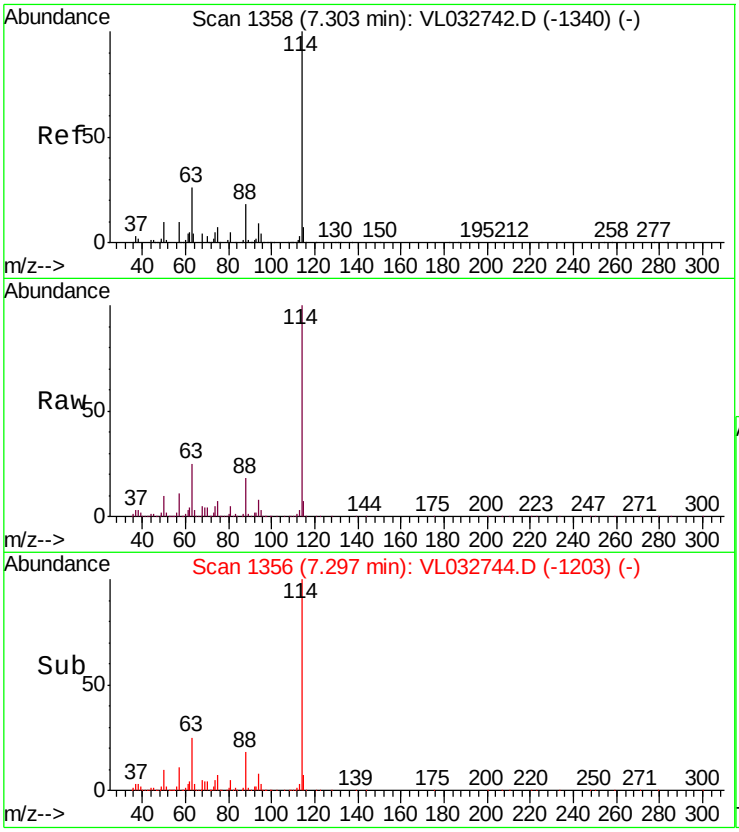




#32
1,1,1-Trichloroethane
Concen: 1.116 ppbv
RT: 6.62 min Scan# 1147
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 97 Resp: 304986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 65.3 | 51.8 | 77.6 |
| 61 | 51.4 | 39.7 | 59.5 |



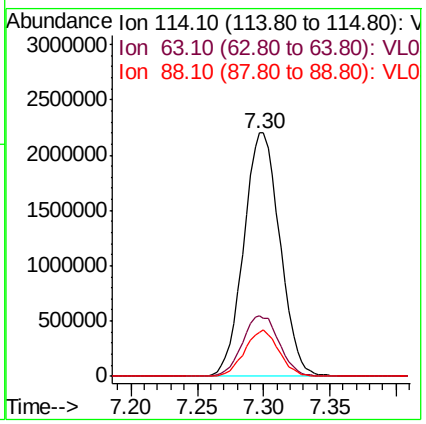


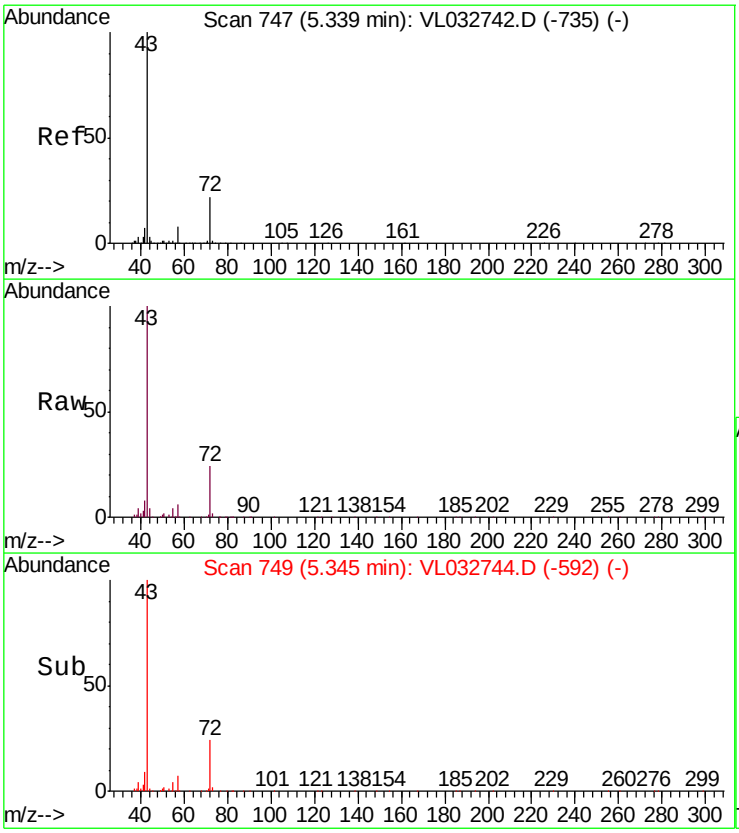

#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion:114 Resp: 4173497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 25.3 | 20.9 | 31.3 |
| 88 | 18.0 | 14.4 | 21.6 |

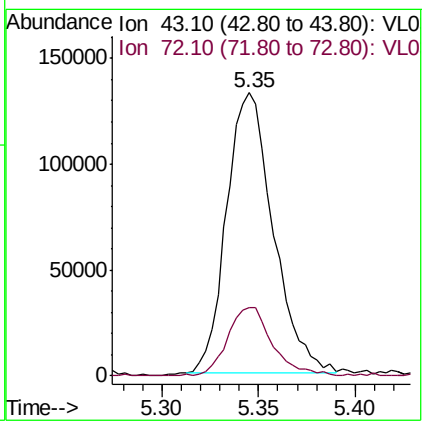


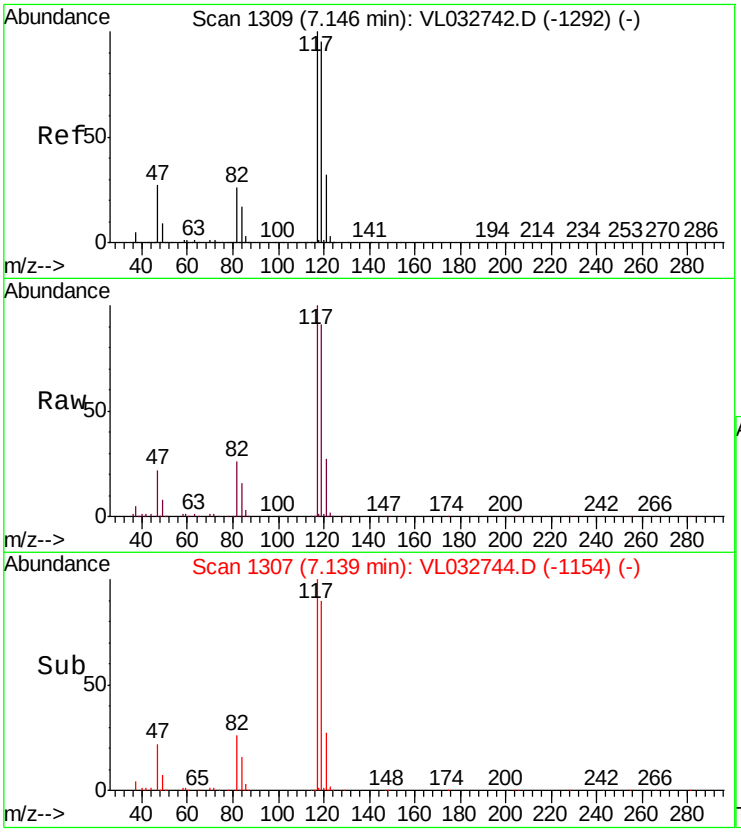




#34
2-Butanone
Concen: 0.989 ppbv
RT: 5.35 min Scan# 749
Delta R.T. 0.01 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 43 Resp: 221609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 24.1 | 18.4 | 27.6 |



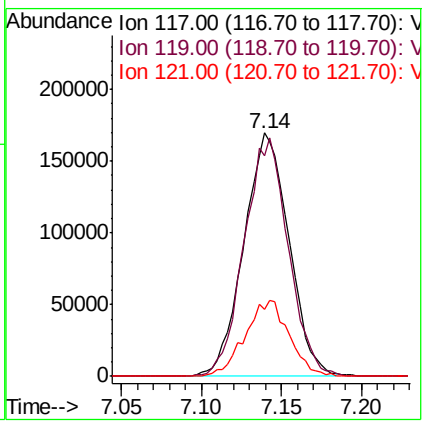


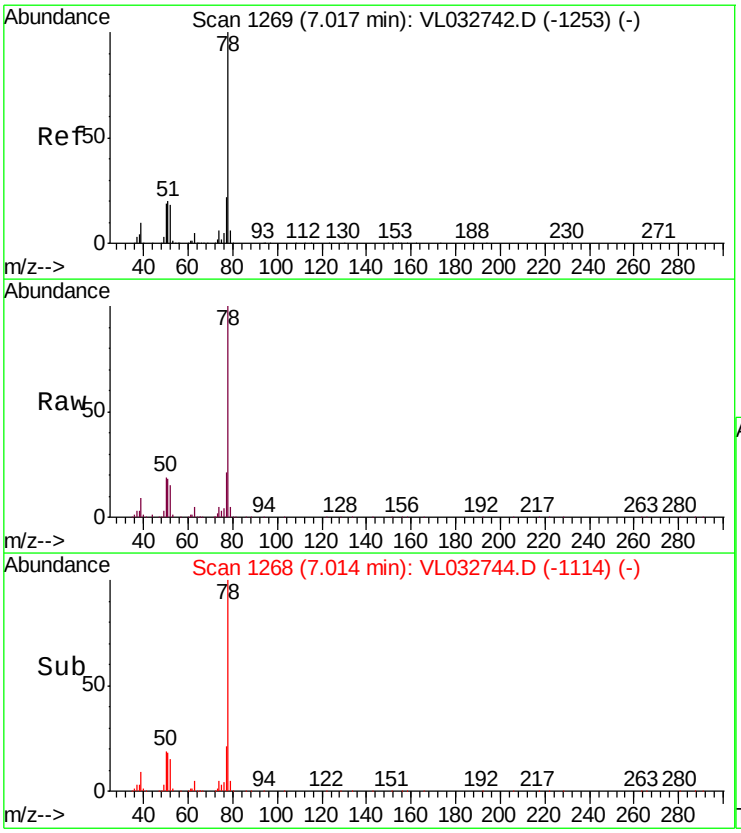

#35
Carbon Tetrachloride
Concen: 1.097 ppbv
RT: 7.14 min Scan# 1307
Delta R.T. -0.01 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion:117 Resp: 328064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 90.4 | 76.1 | 114.1 |
| 121 | 27.3 | 25.4 | 38.0 |

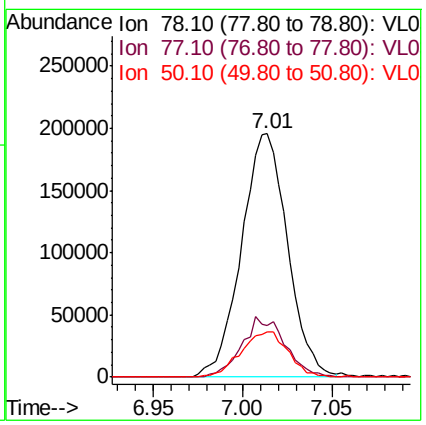


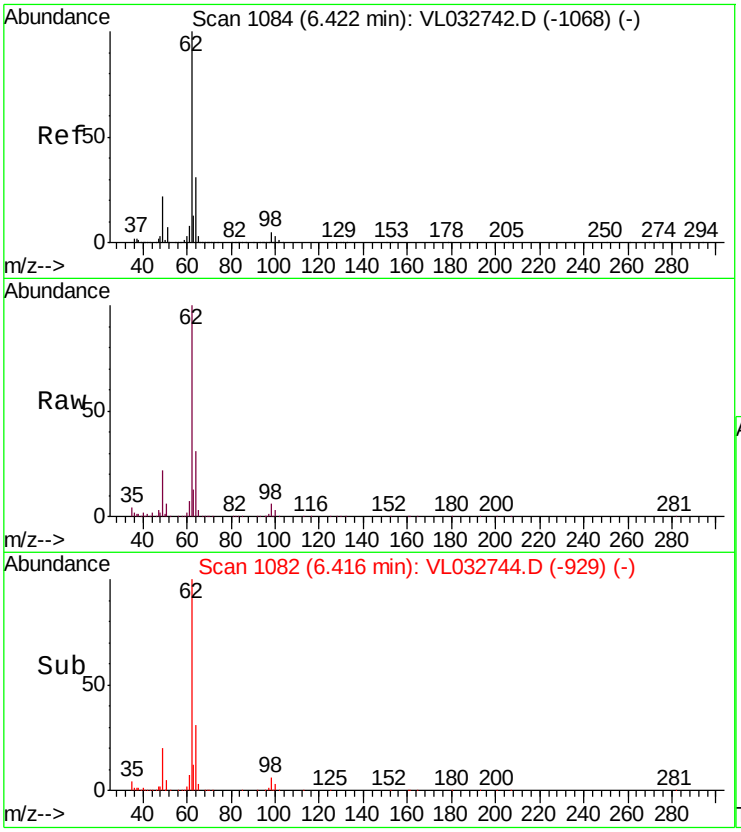




#36
Benzene
Concen: 1.043 ppbv
RT: 7.01 min Scan# 1268
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 78 Resp: 351568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 21.4 | 17.8 | 26.8 |
| 50 | 18.8 | 15.4 | 23.0 |



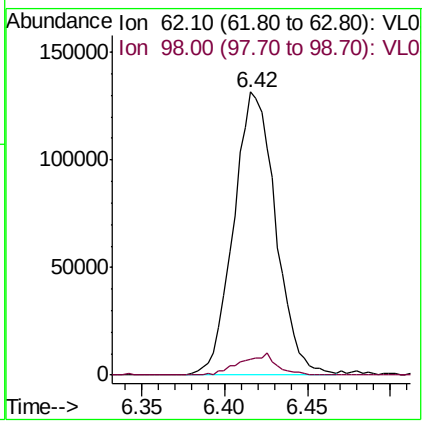


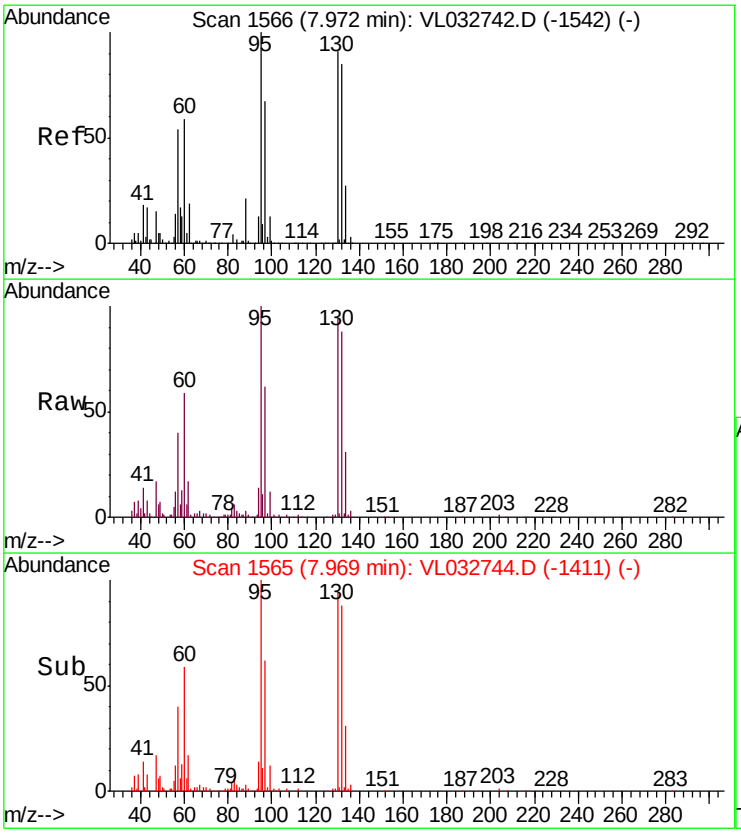

#37
1,2-Dichloroethane
Concen: 1.108 ppbv
RT: 6.42 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion: 62 Resp: 232150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 7.0 | 4.5 | 6.7# |

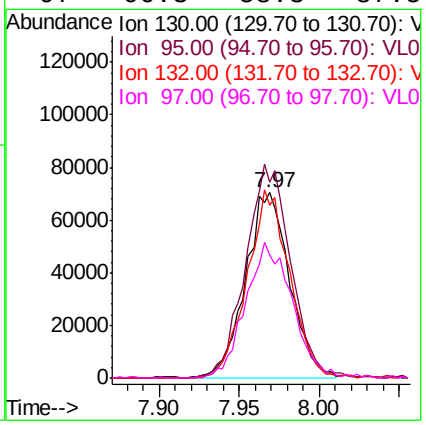


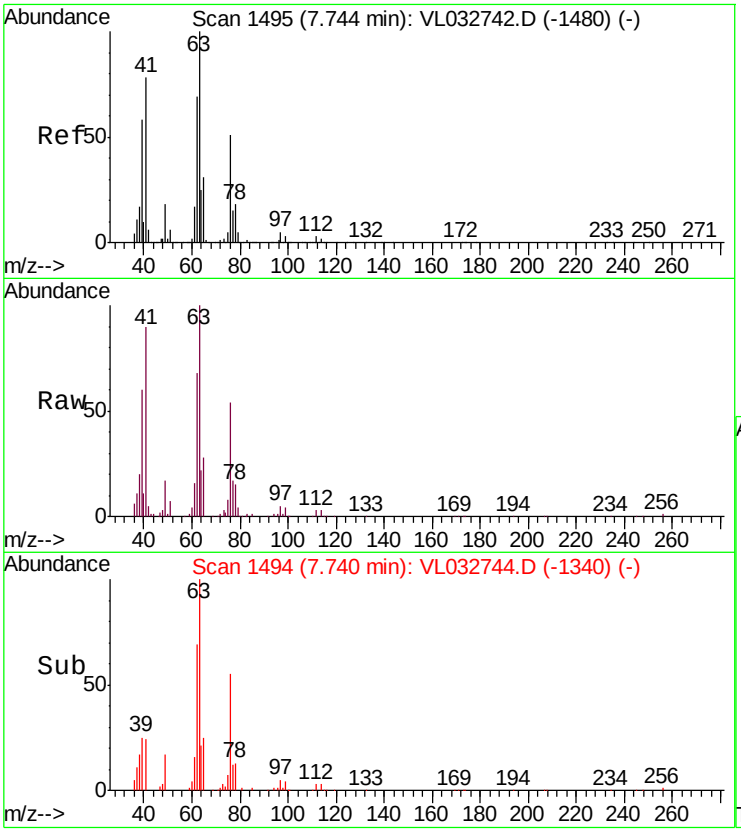




#38
Trichloroethene
Concen: 1.058 ppbv
RT: 7.97 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion:130 Resp: 133659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 106.1 | 87.7 | 131.5 |
| 132 | 93.2 | 74.6 | 111.8 |
| 97 | 66.3 | 58.3 | 87.5 |



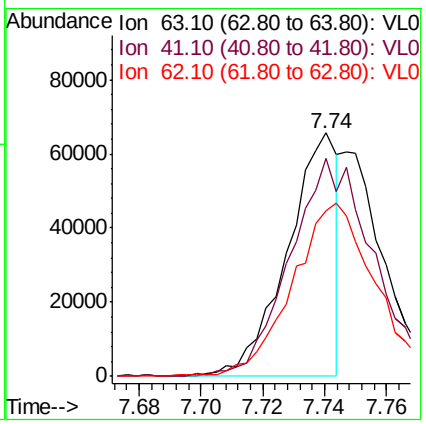


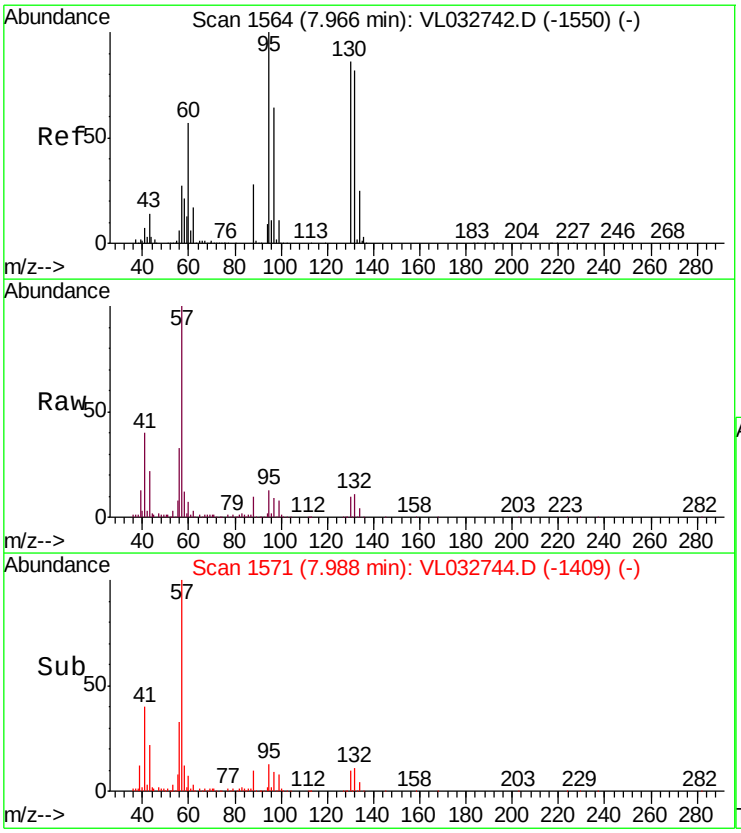

#39
1,2-Dichloropropane
Concen: 0.562 ppbv
RT: 7.74 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDICC001

Tgt Ion: 63 Resp: 73088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 90.0 | 62.0 | 93.0 |
| 62 | 67.6 | 55.4 | 83.2 |

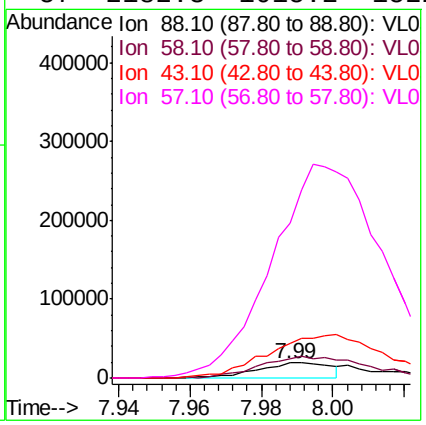


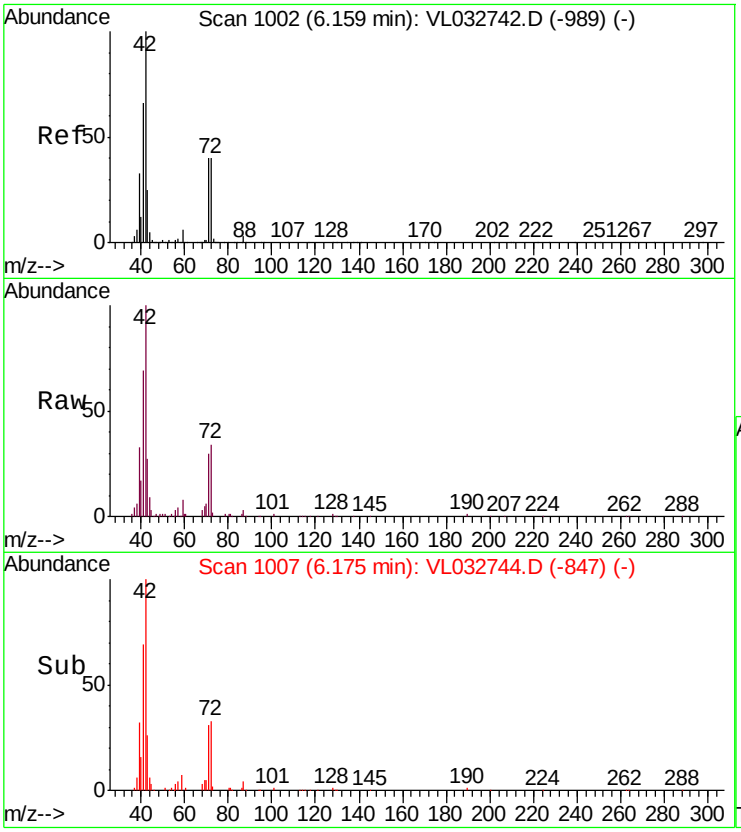




#40
1,4-Dioxane
Concen: 0.613 ppbv
RT: 7.99 min Scan# 1571
Delta R.T. 0.02 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 88 Resp: 27156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 236.6 | 105.3 | 157.9# |
| 43 | 0.0 | 226.1 | 339.1# |
| 57 | 2182.3 | 1015.2 | 1522.8# |



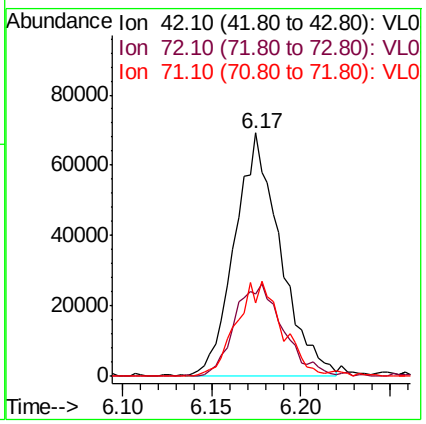


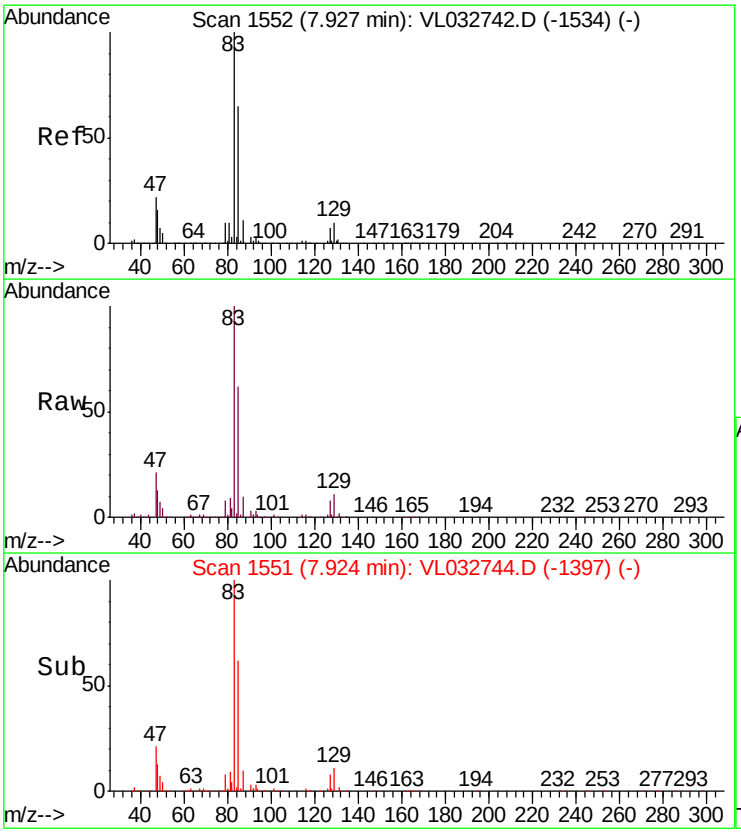

#41
Tetrahydrofuran
Concen: 0.997 ppbv
RT: 6.17 min Scan# 1007
Delta R.T. 0.02 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion: 42 Resp: 123564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 40.6 | 32.4 | 48.6 |
| 71 | 40.0 | 31.6 | 47.4 |

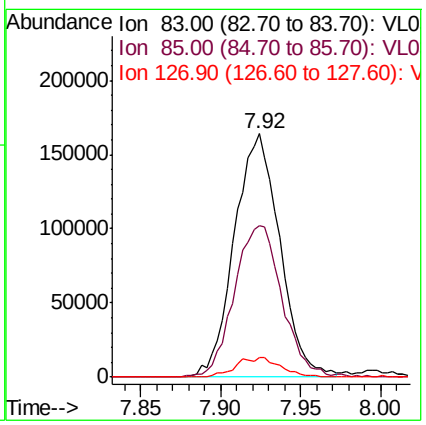


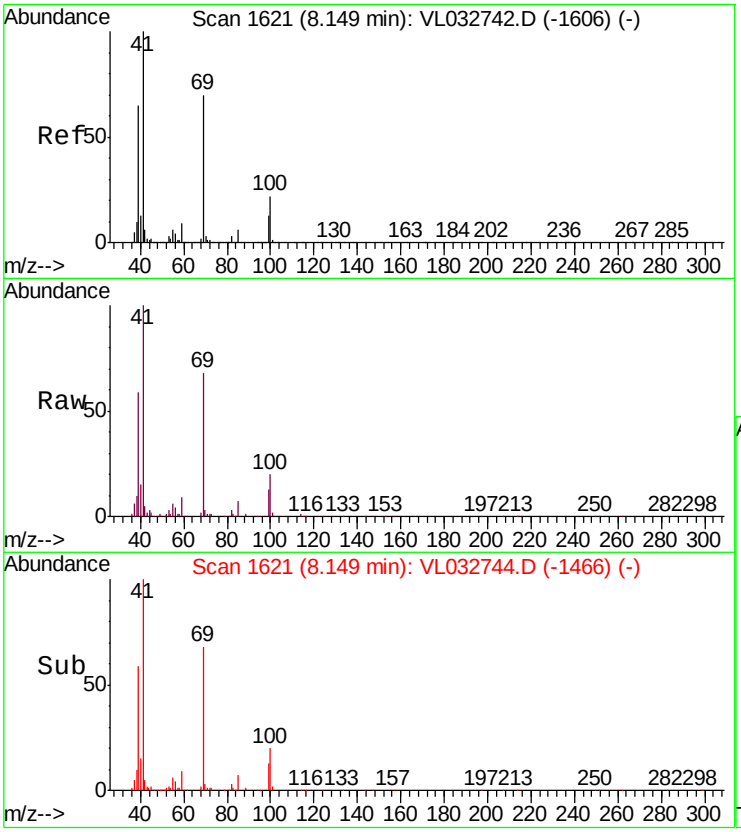




#42
Bromodichloromethane
Concen: 1.080 ppbv
RT: 7.92 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 83 Resp: 316209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 61.7 | 51.8 | 77.8 |
| 127 | 7.8 | 5.9 | 8.9 |



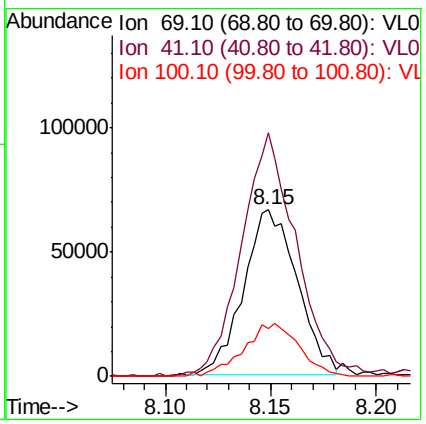


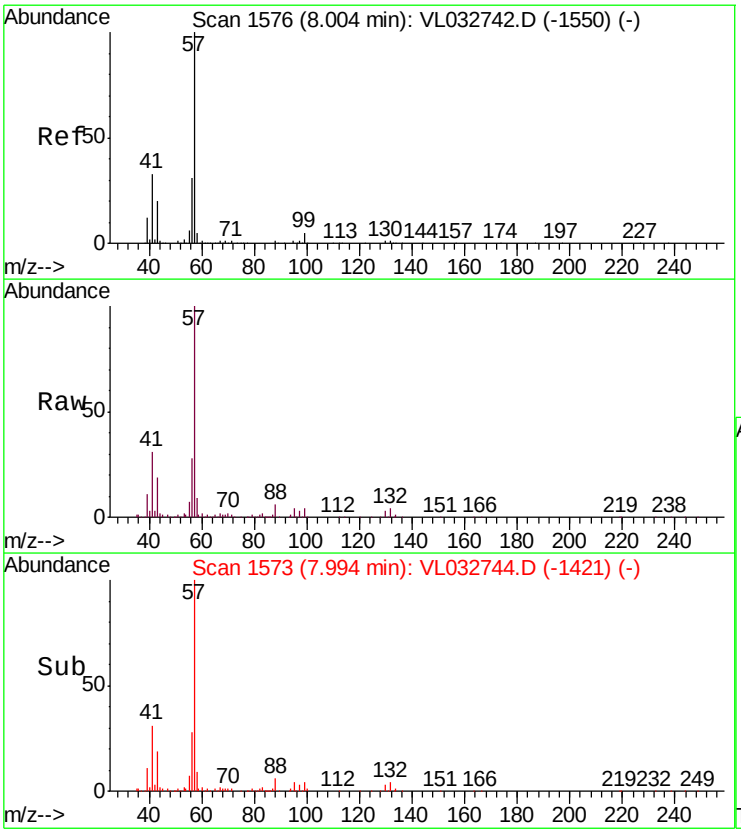

#43
Methyl Methacrylate
Concen: 0.949 ppbv
RT: 8.15 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion: 69 Resp: 117548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 150.9 | 115.0 | 172.4 |
| 100 | 33.2 | 25.4 | 38.0 |

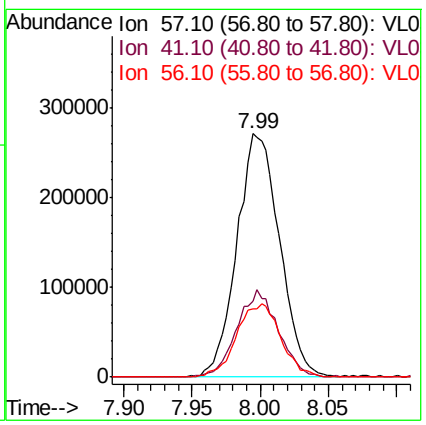


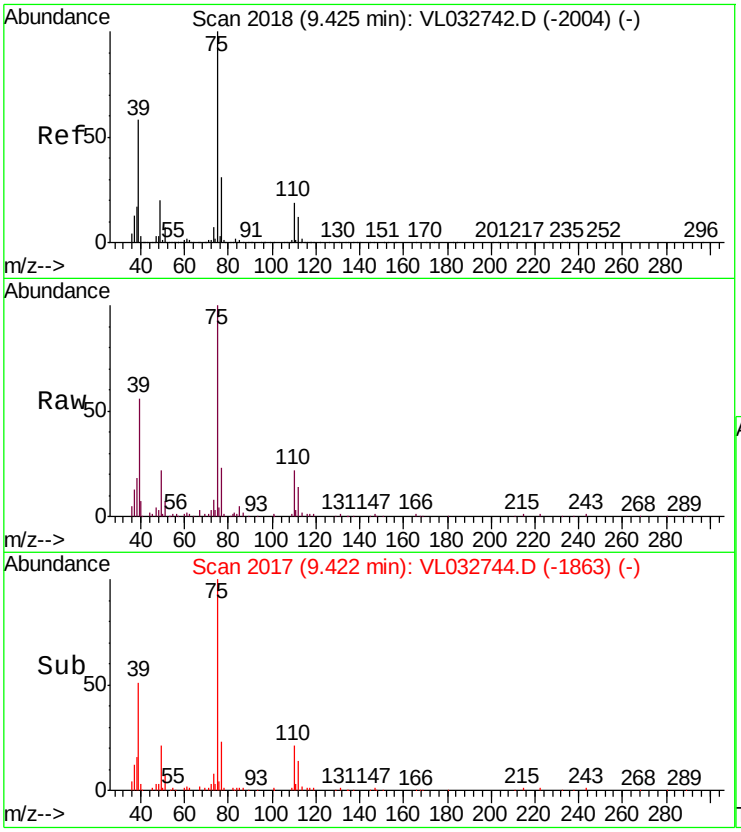




#44
2,2,4-Trimethylpentane
Concen: 1.020 ppbv
RT: 7.99 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 57 Resp: 587607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 34.7 | 26.6 | 39.8 |
| 56 | 31.4 | 24.8 | 37.2 |



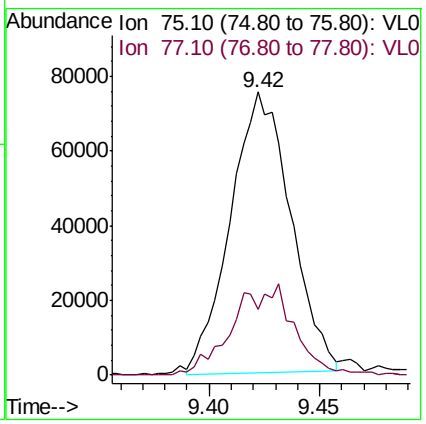


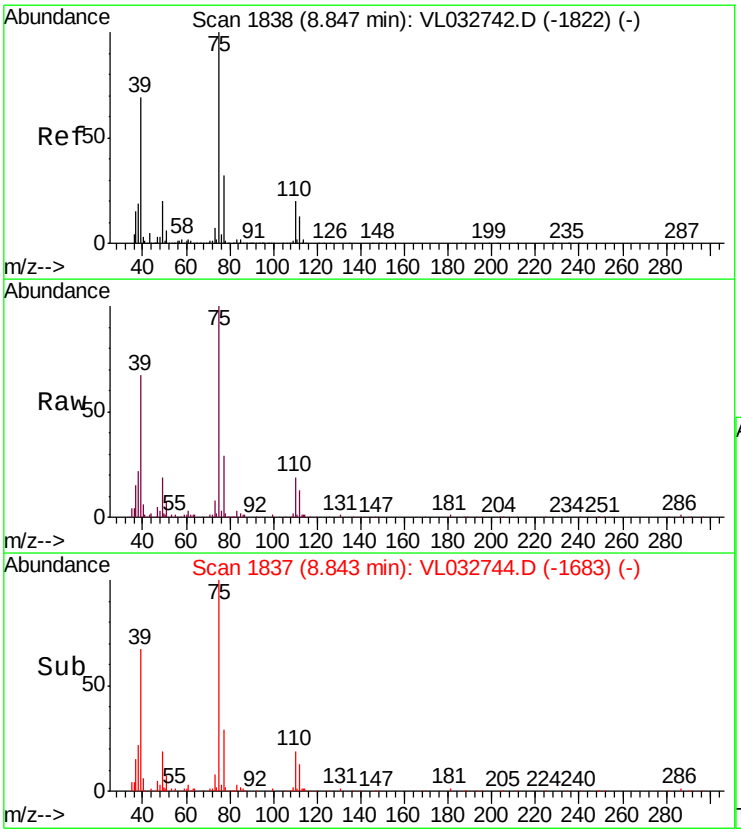

#45
t-1,3-Dichloropropene
Concen: 0.861 ppbv
RT: 9.42 min Scan# 2017
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion: 75 Resp: 142857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 23.4 | 24.6 | 36.8# |

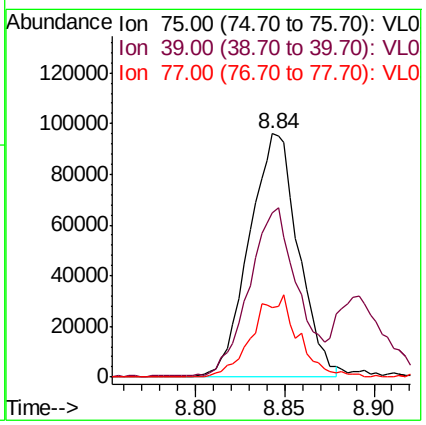


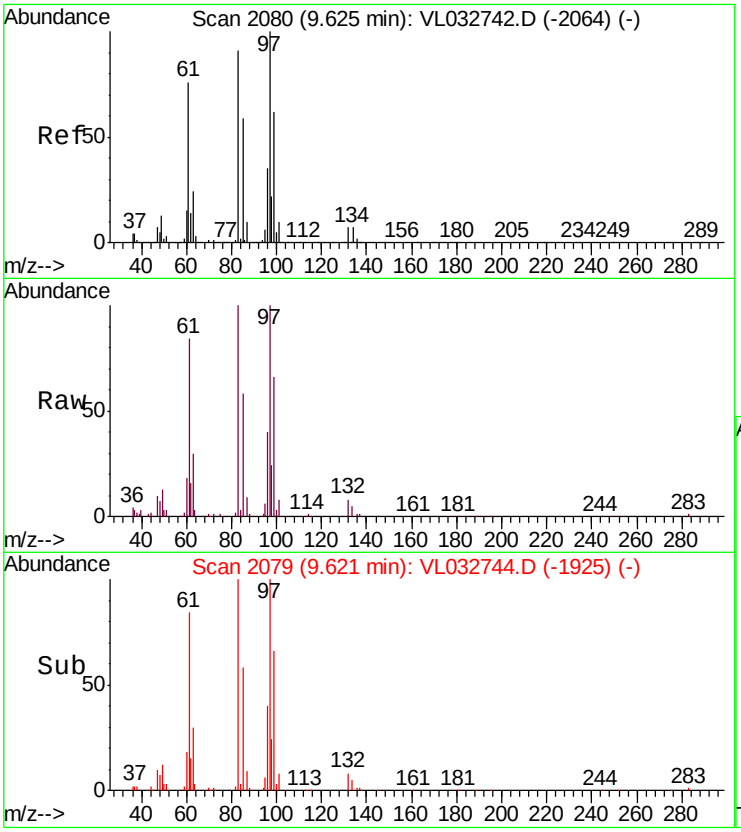




#46
cis-1,3-Dichloropropene
Concen: 0.960 ppbv
RT: 8.84 min Scan# 1837
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 75 Resp: 185021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 39 | 66.8 | 55.2 | 82.8 |
| 77 | 28.8 | 25.8 | 38.6 |



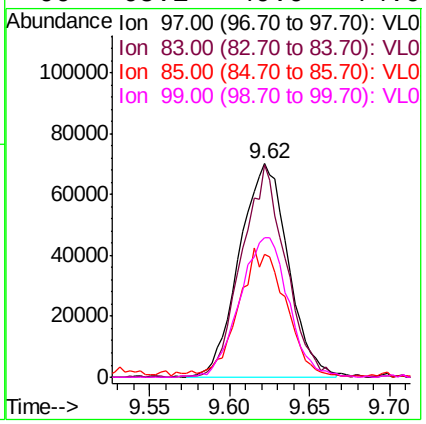


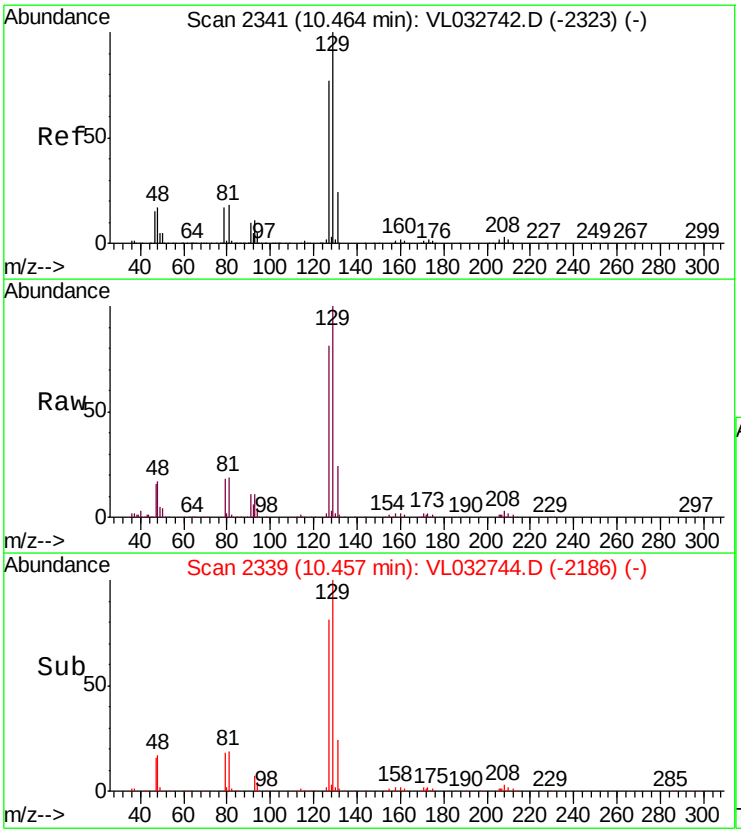

#47
1,1,2-Trichloroethane
Concen: 0.955 ppbv
RT: 9.62 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion: 97 Resp: 146841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 98.9 | 73.0 | 109.4 |
| 85 | 56.6 | 47.0 | 70.4 |
| 99 | 65.1 | 49.9 | 74.9 |

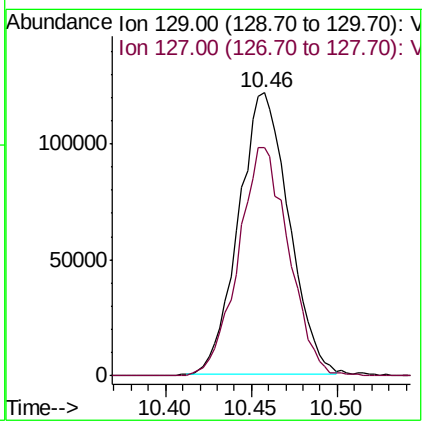


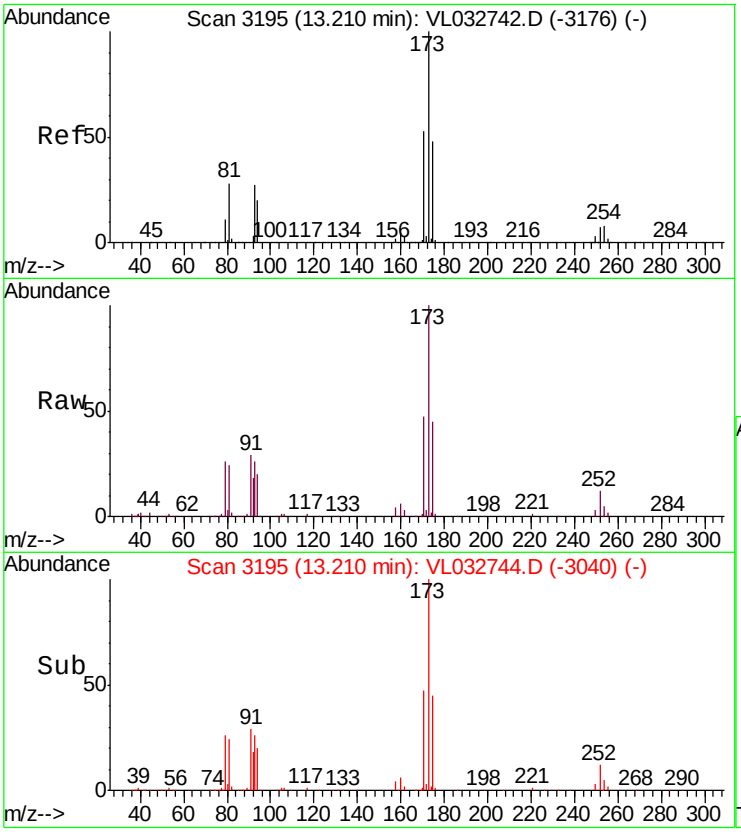




#48
Dibromochloromethane
Concen: 0.954 ppbv
RT: 10.46 min Scan# 2339
Delta R.T. -0.01 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion:129 Resp: 247095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 81.1 | 39.0 | 117.0 |



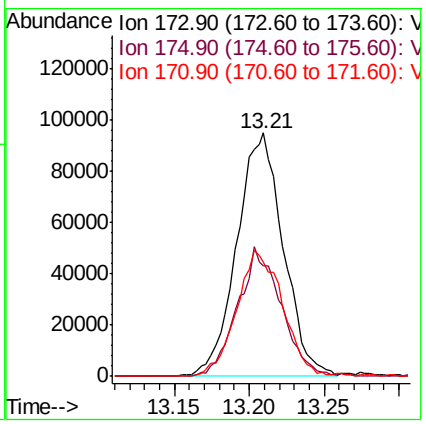


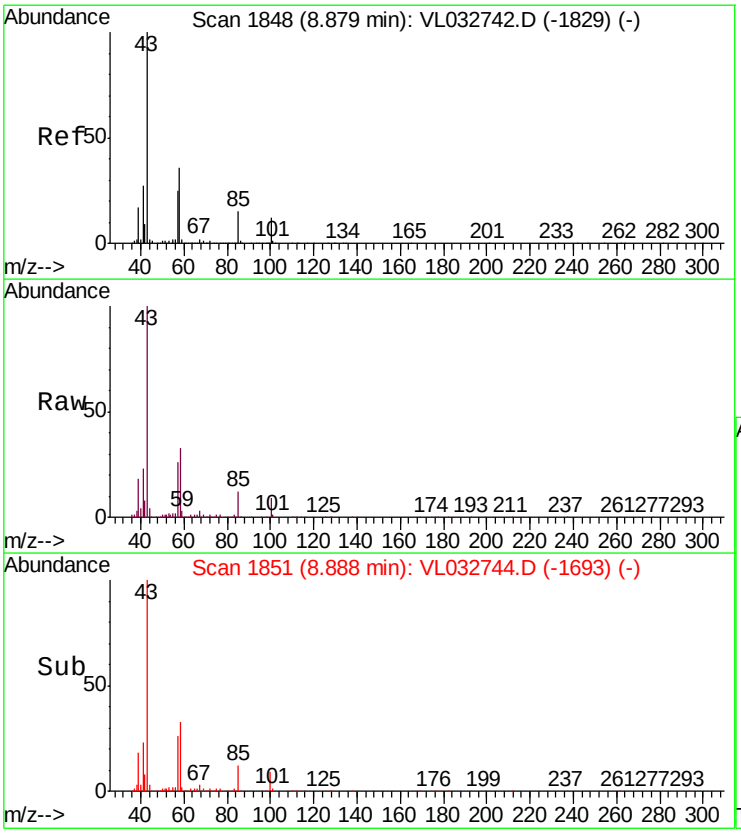

#49
Bromoform
Concen: 1.004 ppbv
RT: 13.21 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion:173 Resp: 204318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 50.2 | 39.4 | 59.0 |
| 171 | 52.3 | 42.0 | 63.0 |

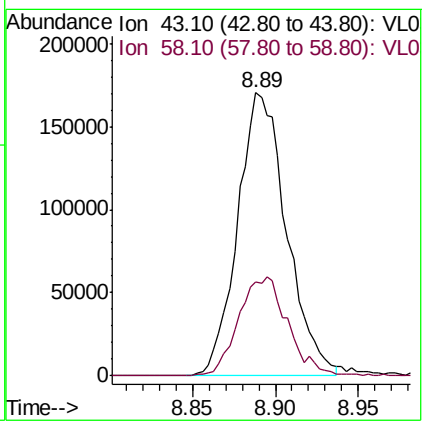


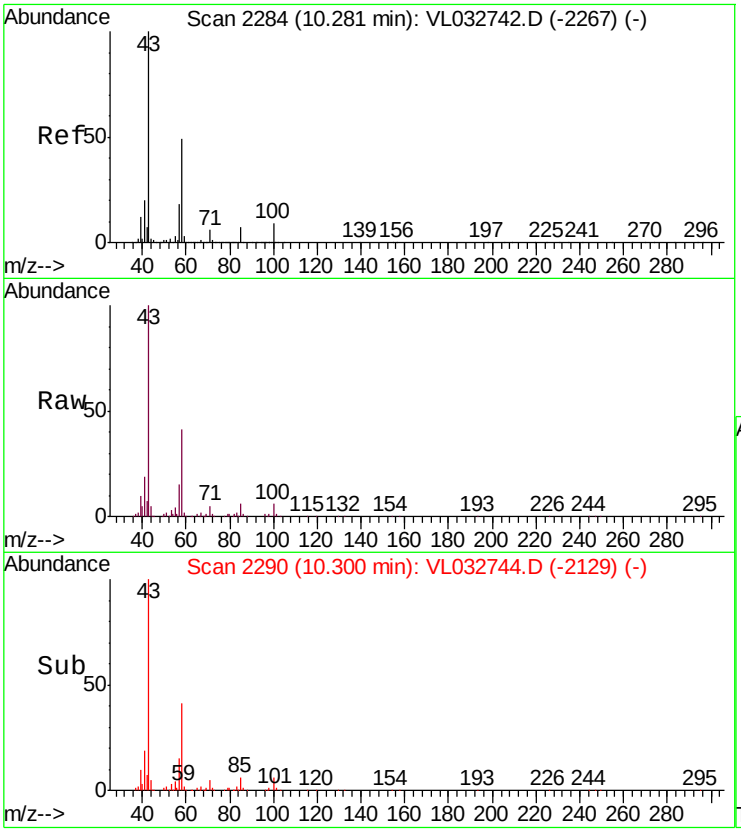




#50
4-Methyl-2-Pentanone
Concen: 1.030 ppbv
RT: 8.89 min Scan# 1851
Delta R.T. 0.01 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 43 Resp: 345232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 35.7 | 28.8 | 43.2 |



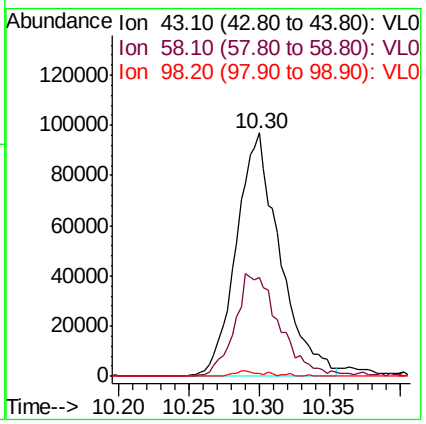


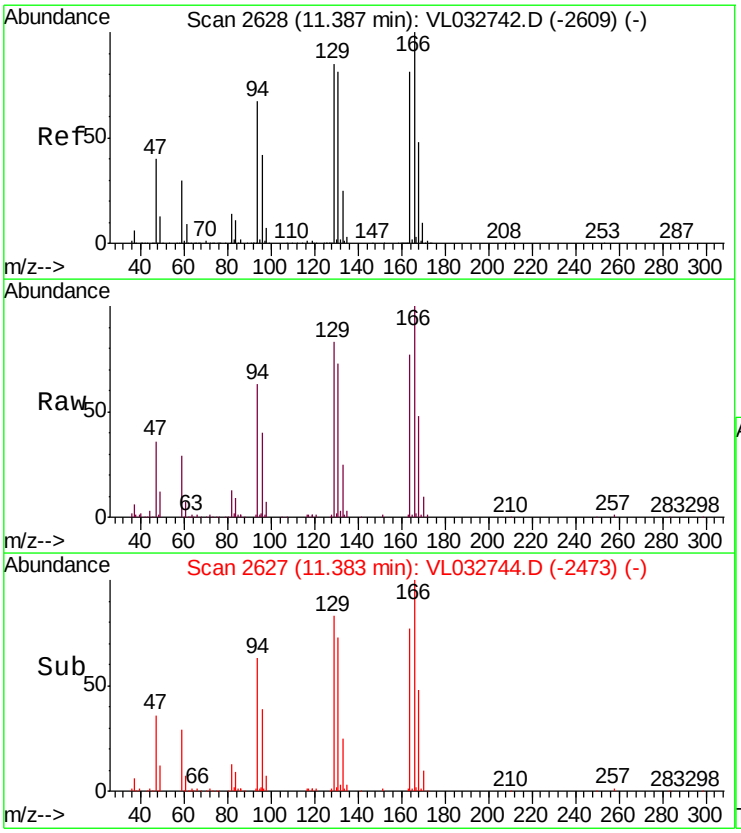

#51
2-Hexanone
Concen: 0.870 ppbv
RT: 10.30 min Scan# 2290
Delta R.T. 0.02 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDICC001

Tgt Ion: 43 Resp: 209816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 44.3 | 38.9 | 58.3 |
| 98 | 1.4 | 0.2 | 0.4# |

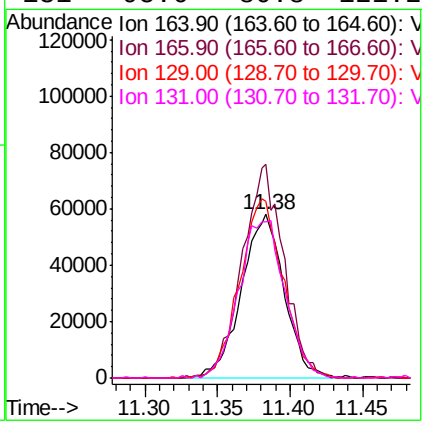


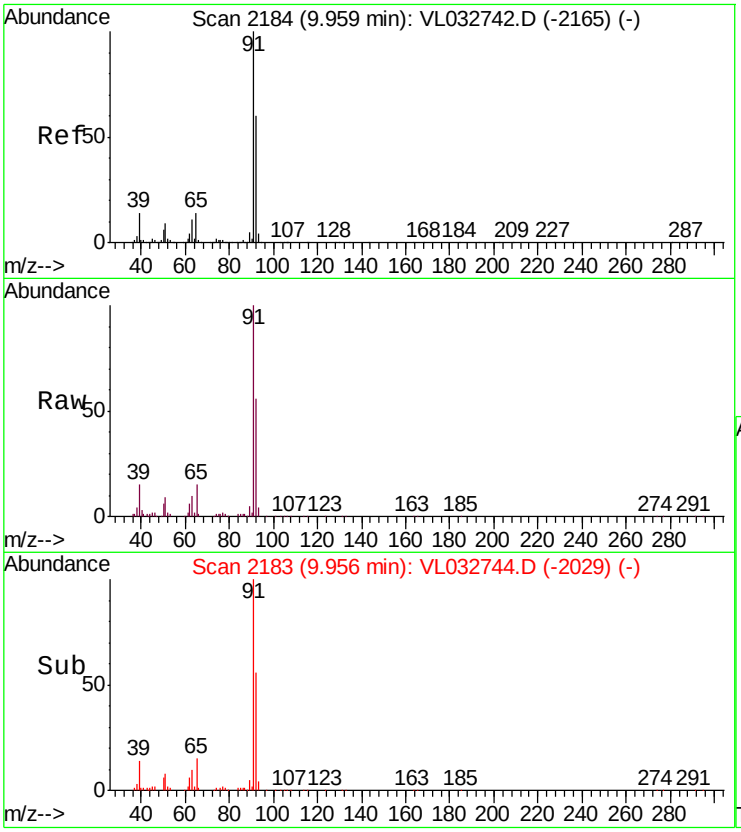




#52
Tetrachloroethene
Concen: 1.005 ppbv
RT: 11.38 min Scan# 2627
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion:164 Resp: 118778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 129.4 | 99.3 | 148.9 |
| 129 | 107.5 | 83.9 | 125.9 |
| 131 | 95.6 | 80.8 | 121.2 |



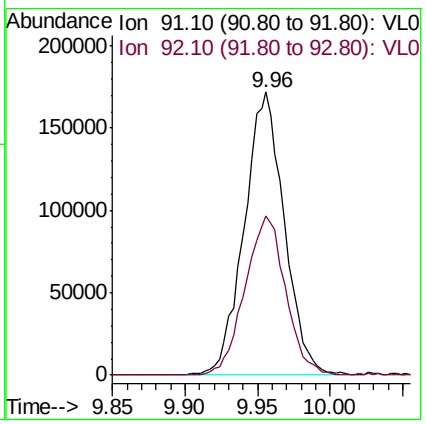


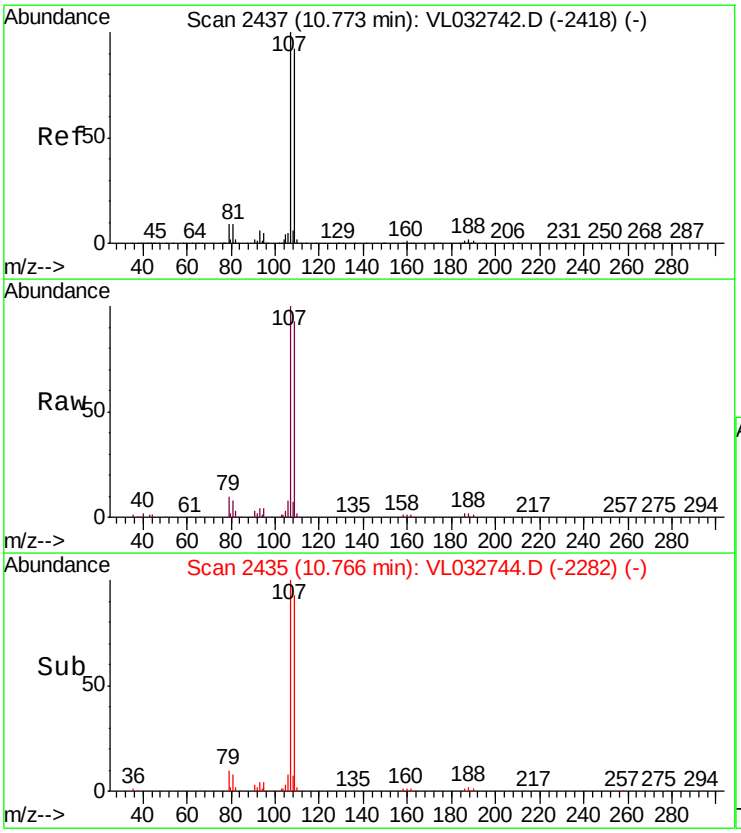

#53
Toluene
Concen: 0.864 ppbv
RT: 9.96 min Scan# 2183
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDICC001

Tgt Ion: 91 Resp: 329481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 57.5 | 47.9 | 71.9 |

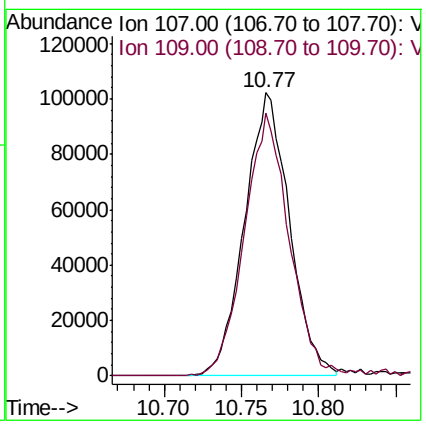


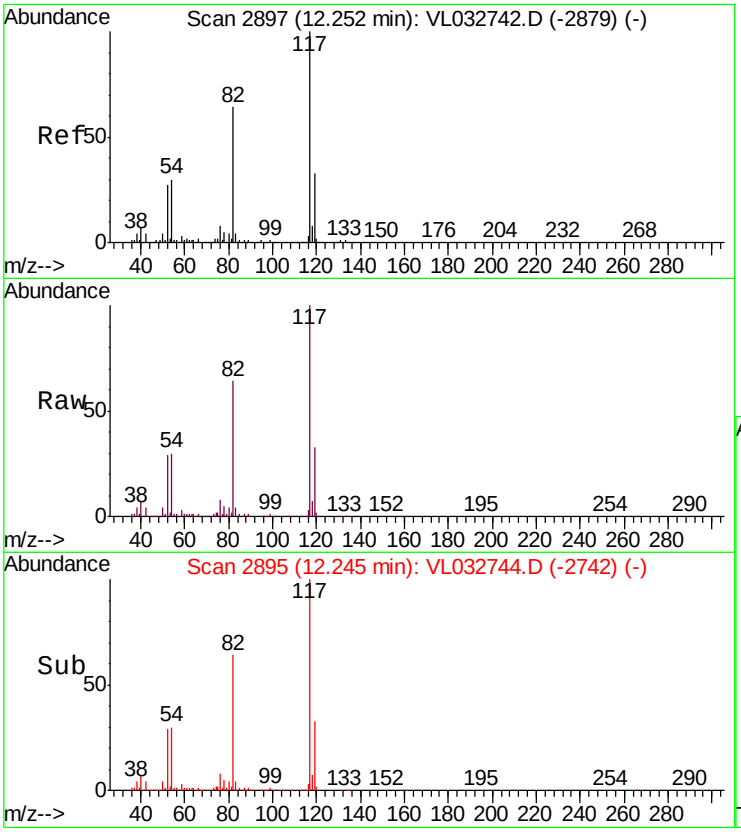




#54
1,2-Dibromoethane
Concen: 0.998 ppbv
RT: 10.77 min Scan# 2435
Delta R.T. -0.01 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion:107 Resp: 206436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 92.7 | 73.8 | 110.8 |



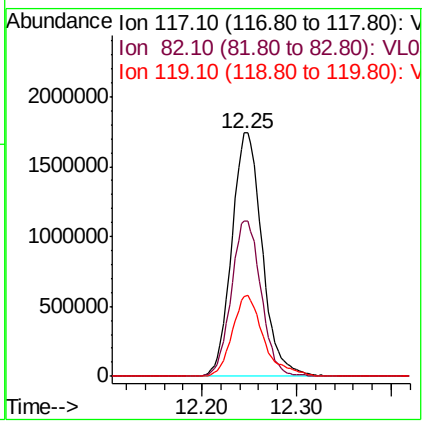


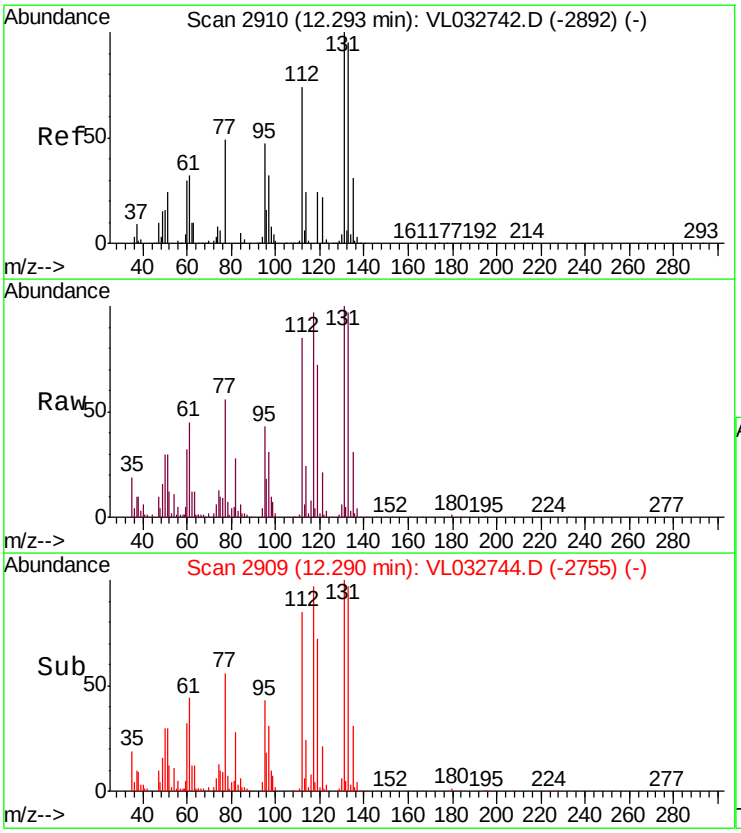

#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion:117 Resp: 3890340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 62.5 | 51.0 | 76.6 |
| 119 | 34.4 | 28.0 | 42.0 |

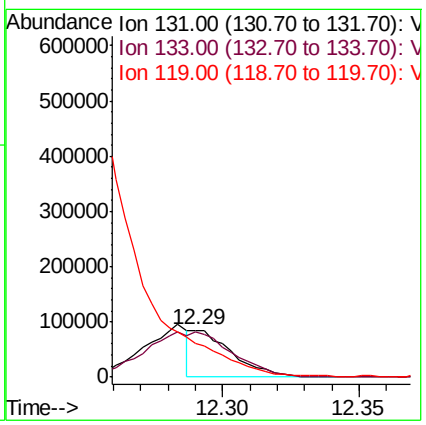


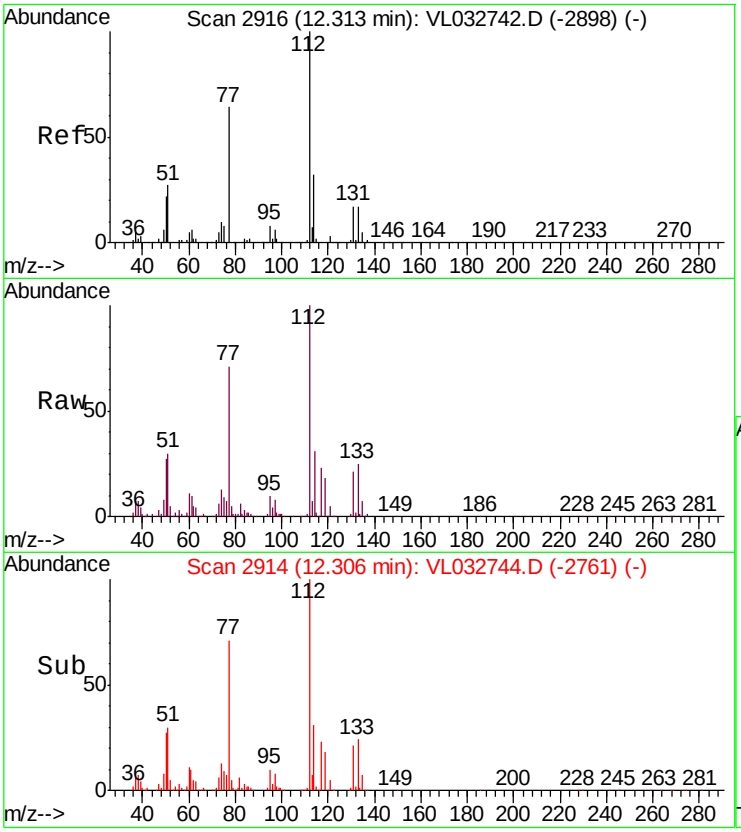




#56
1,1,1,2-Tetrachloroethane
Concen: 0.505 ppbv
RT: 12.29 min Scan# 2909
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion:131 Resp: 87258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 0.0 | 75.8 | 113.6# |
| 119 | 0.0 | 45.2 | 67.8# |



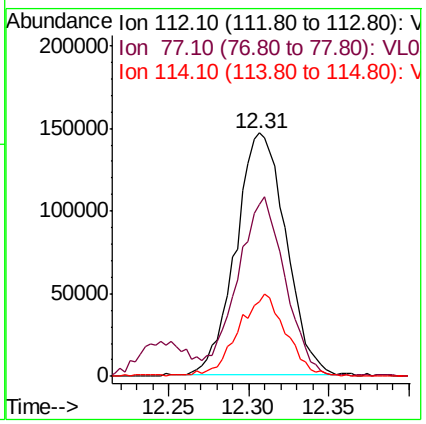


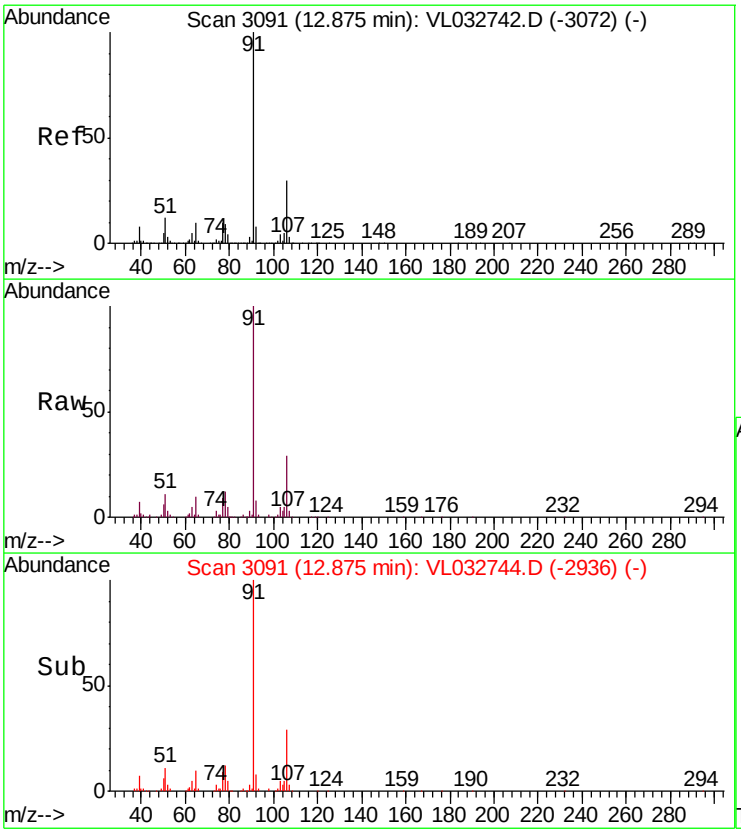

#57
Chlorobenzene
Concen: 1.082 ppbv
RT: 12.31 min Scan# 2914
Delta R.T. -0.01 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion:112 Resp: 313035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 77 | 70.4 | 52.3 | 78.5 |
| 114 | 30.5 | 28.4 | 34.8 |

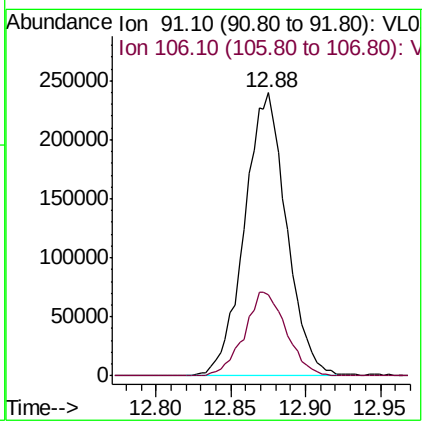


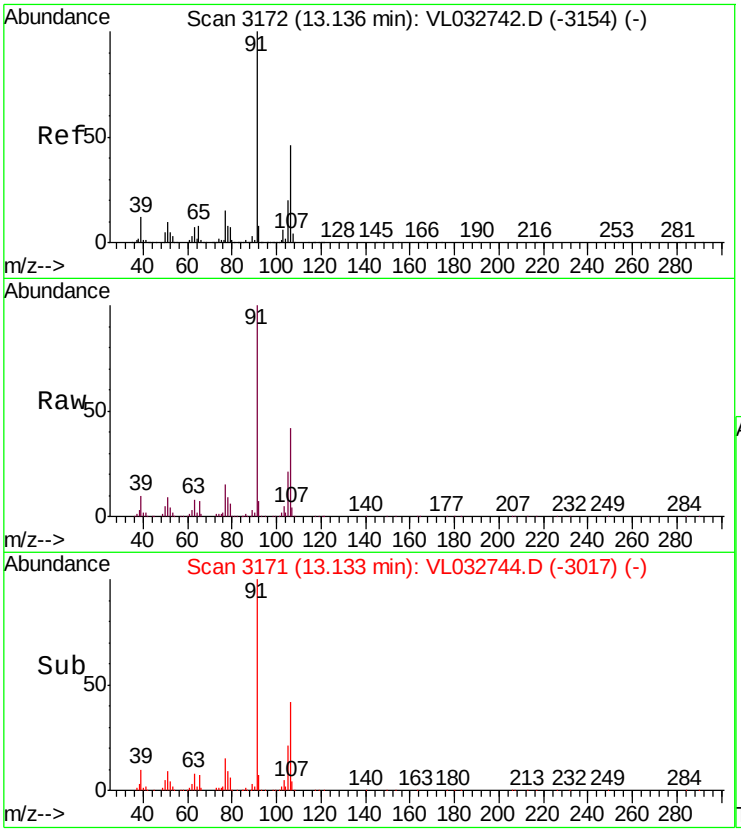




#58
Ethyl Benzene
Concen: 1.025 ppbv
RT: 12.88 min Scan# 3091
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 91 Resp: 468246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 28.8 | 23.6 | 35.4 |



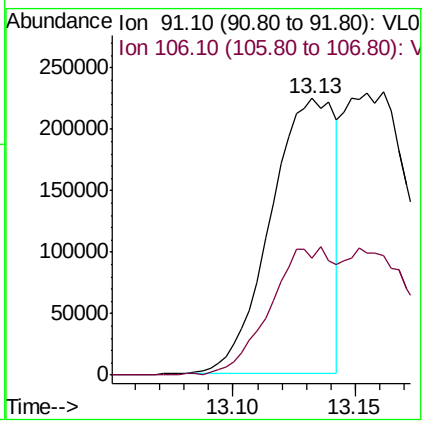


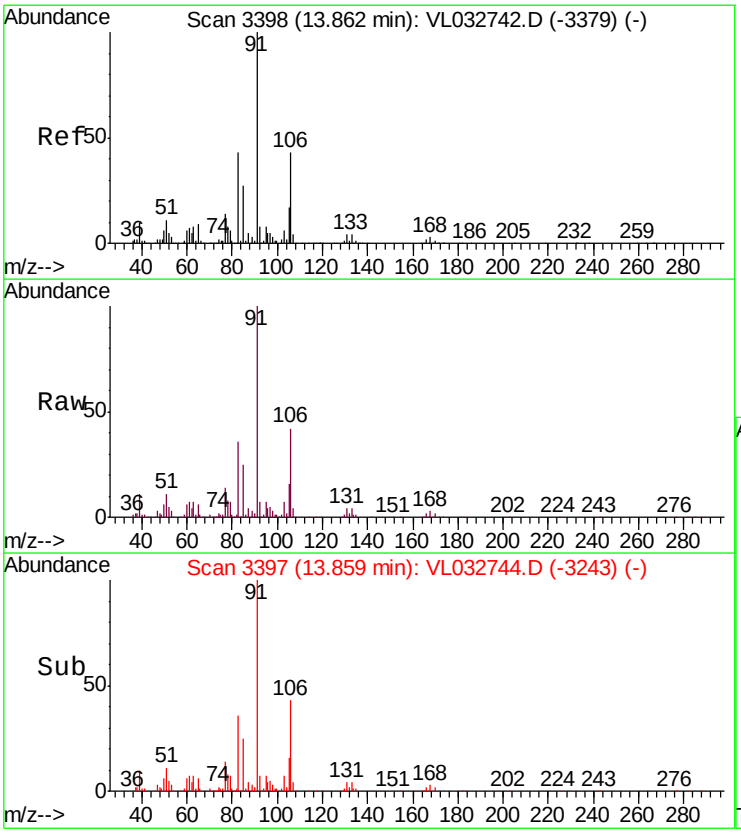

#59
m/p-Xylene
Concen: 1.011 ppbv
RT: 13.13 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDICC001

Tgt Ion: 91 Resp: 410882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 94.3 | 36.1 | 54.1# |

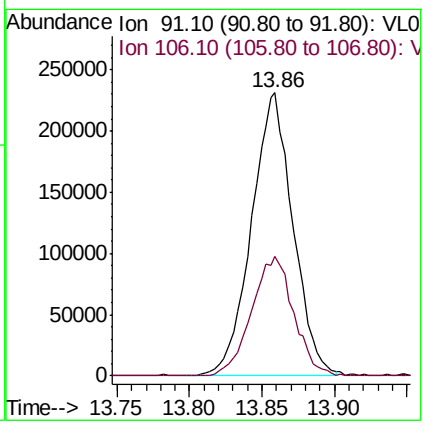


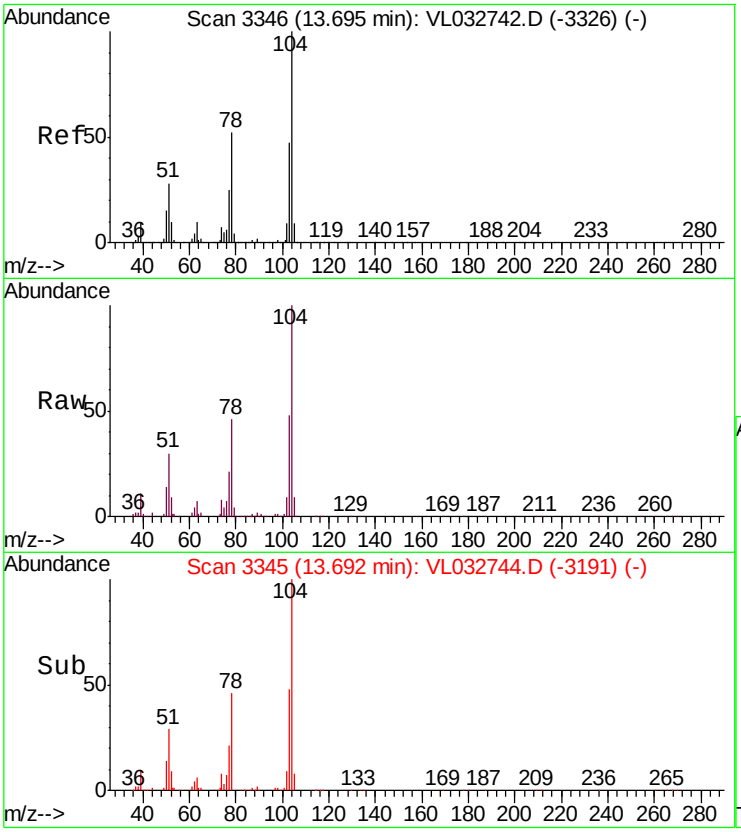




#60
o-Xylene
Concen: 1.168 ppbv
RT: 13.86 min Scan# 3397
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 91 Resp: 461059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 42.8 | 21.9 | 65.7 |



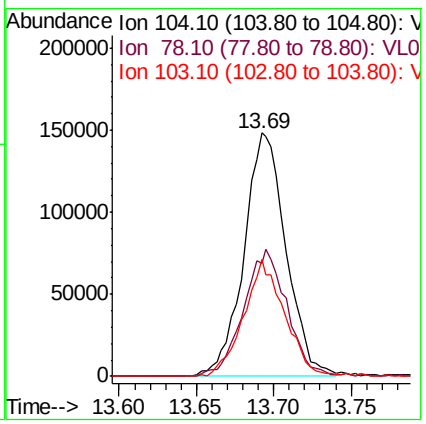


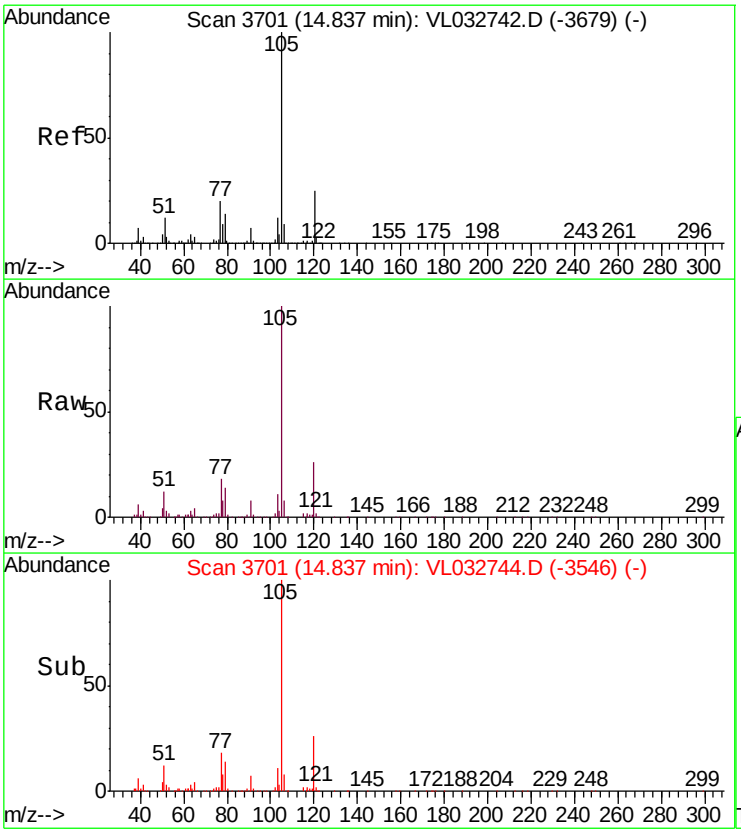

#61
Styrene
Concen: 1.065 ppbv
RT: 13.69 min Scan# 3345
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion:104 Resp: 281206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 53.8 | 42.2 | 63.4 |
| 103 | 46.9 | 38.2 | 57.2 |

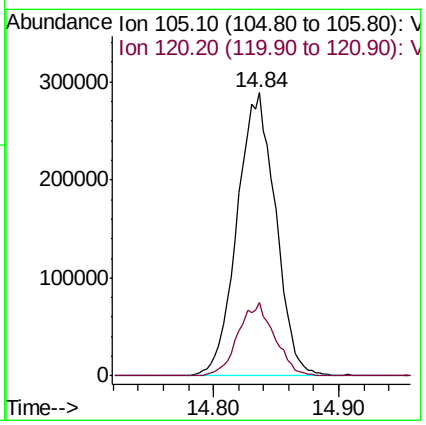


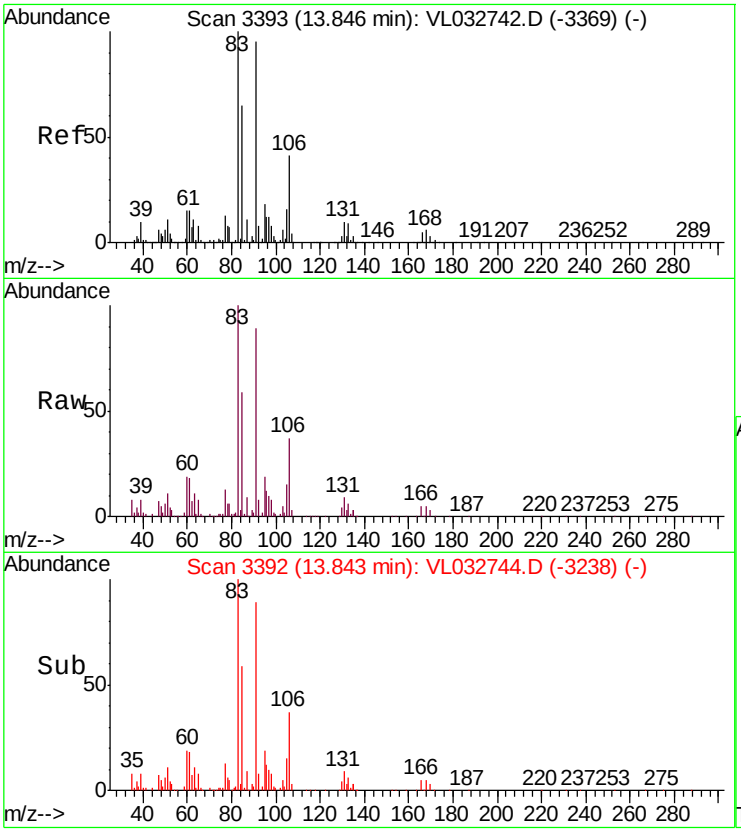




#62
Isopropylbenzene
Concen: 1.098 ppbv
RT: 14.84 min Scan# 3701
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion:105 Resp: 611952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 24.7 | 20.1 | 30.1 |



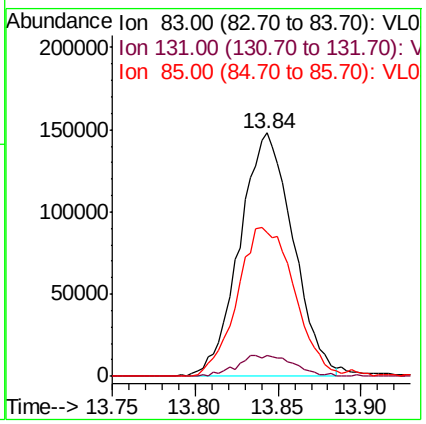


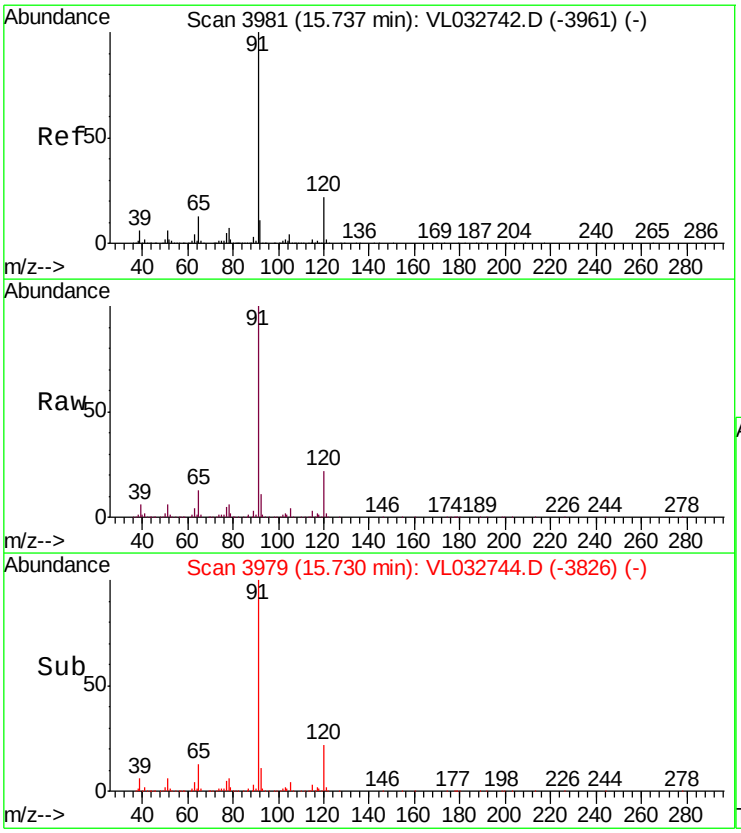

#63
1,1,2,2-Tetrachloroethane
Concen: 1.084 ppbv
RT: 13.84 min Scan# 3392
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion: 83 Resp: 332762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.4 | 4.7 | 14.1 |
| 85 | 66.3 | 32.5 | 97.4 |

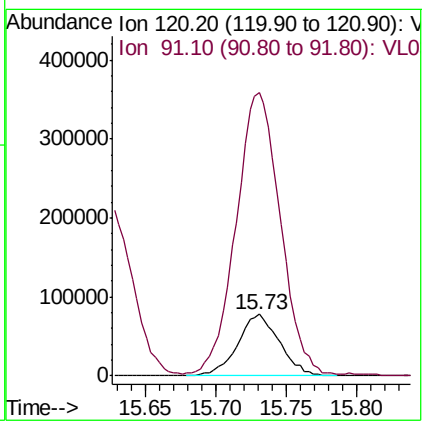


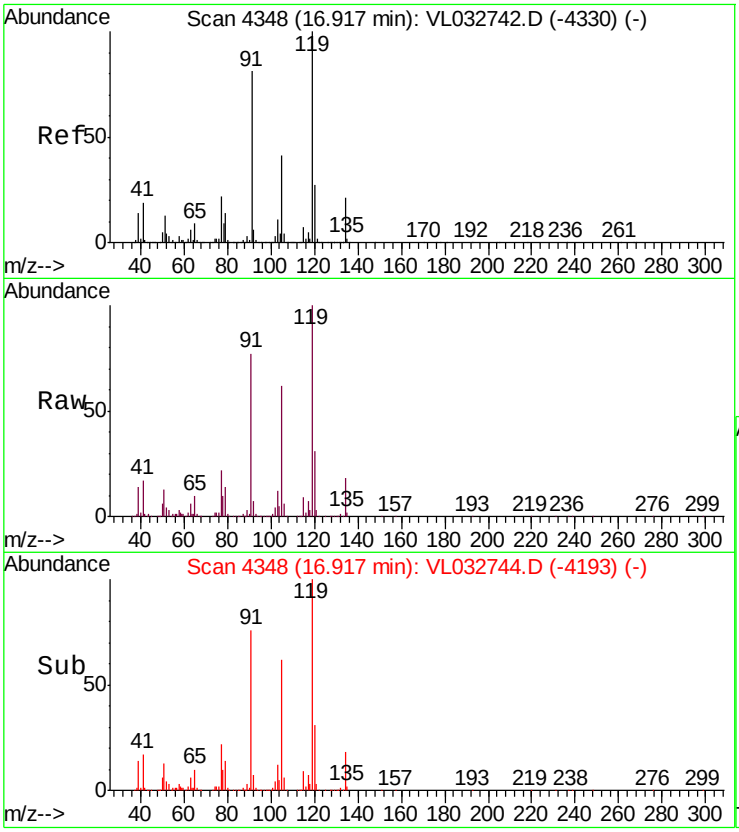




#64
n-propylbenzene
Concen: 1.156 ppbv
RT: 15.73 min Scan# 3979
Delta R.T. -0.01 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion:120 Resp: 161463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 120 | 100 | | |
| 91 | 490.2 | 381.7 | 572.5 |



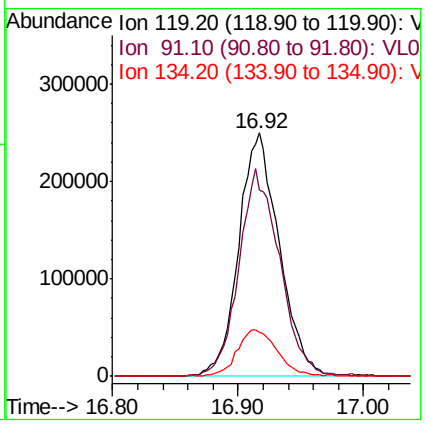


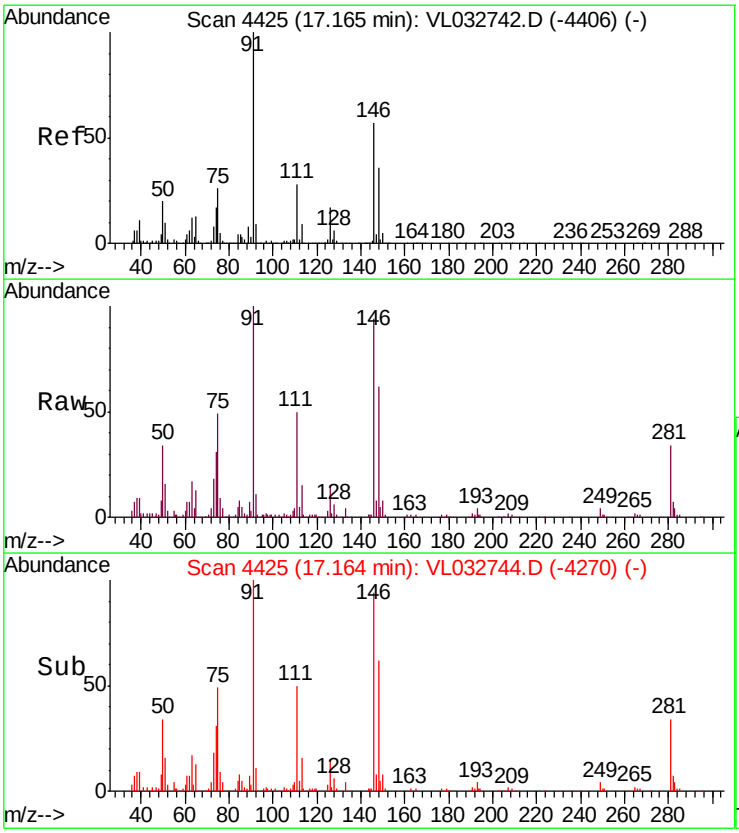

#65
tert-Butylbenzene
Concen: 1.160 ppbv
RT: 16.92 min Scan# 4348
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDICC001

Tgt Ion:119 Resp: 557597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 86.3 | 65.6 | 98.4 |
| 134 | 19.2 | 15.9 | 23.9 |

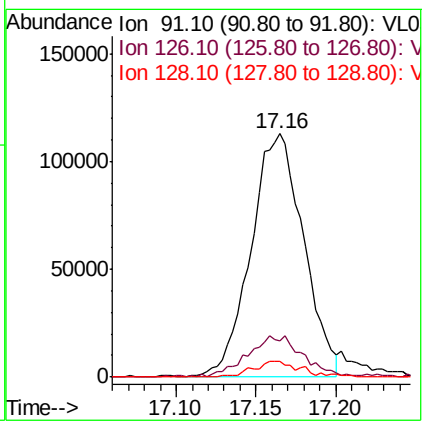


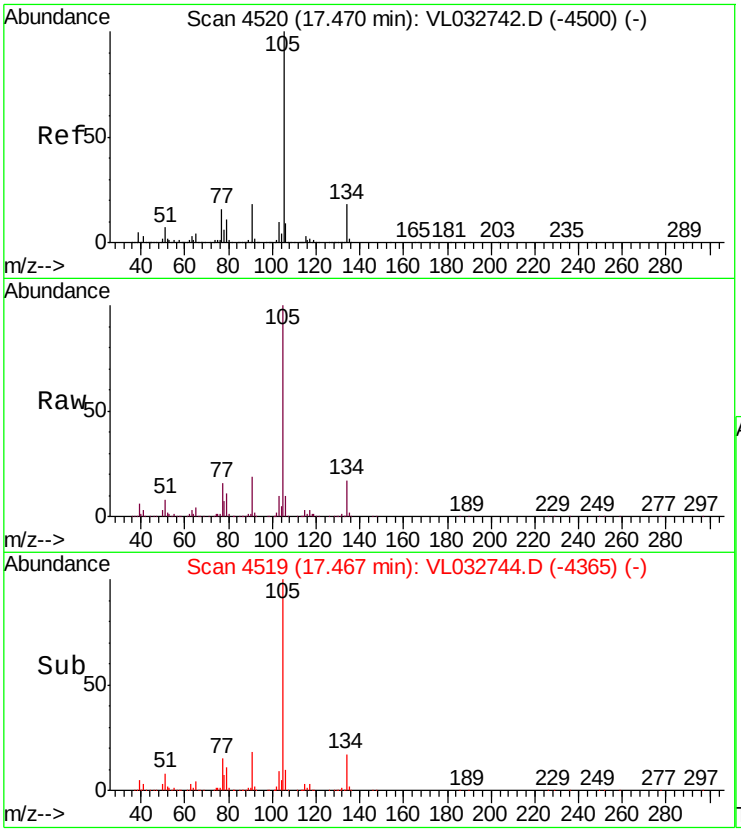




#66
Benzyl Chloride
Concen: 1.021 ppbv
RT: 17.16 min Scan# 4425
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 91 Resp: 256298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 18.2 | 14.2 | 21.2 |
| 128 | 6.1 | 4.5 | 6.7 |



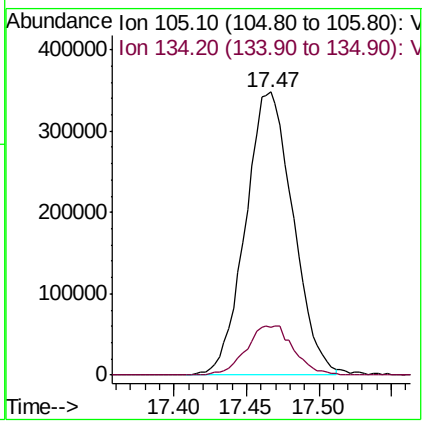


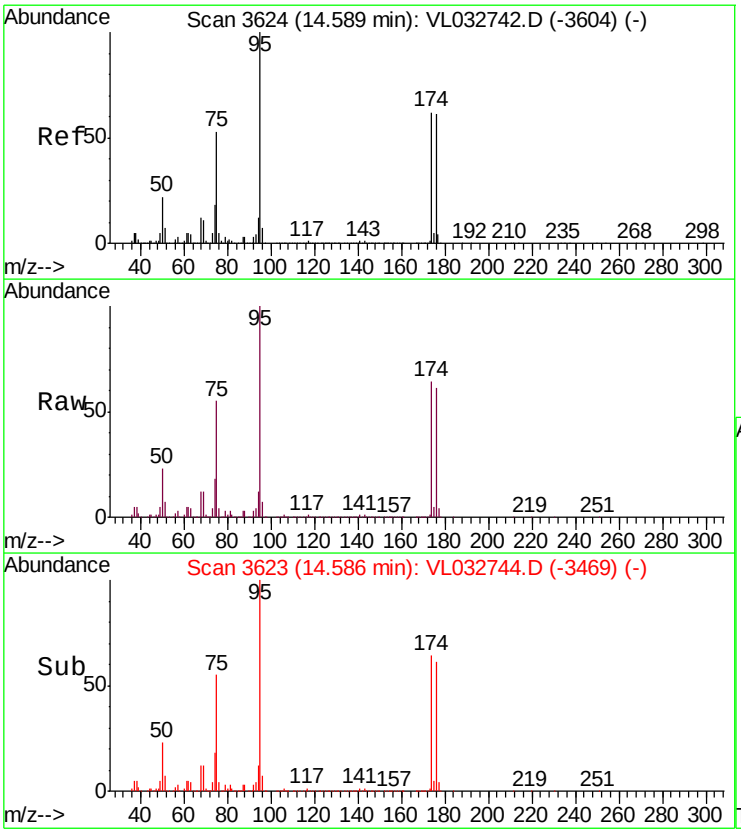

#67
sec-Butylbenzene
Concen: 1.163 ppbv
RT: 17.47 min Scan# 4519
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion:105 Resp: 793748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 17.6 | 14.6 | 21.8 |

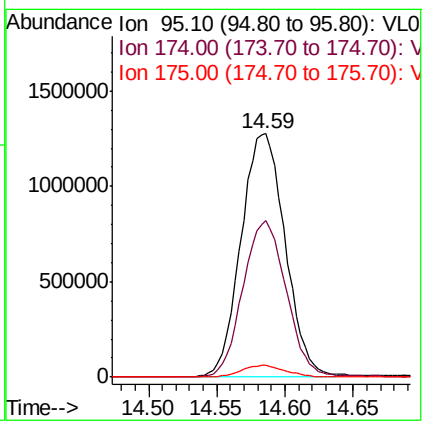


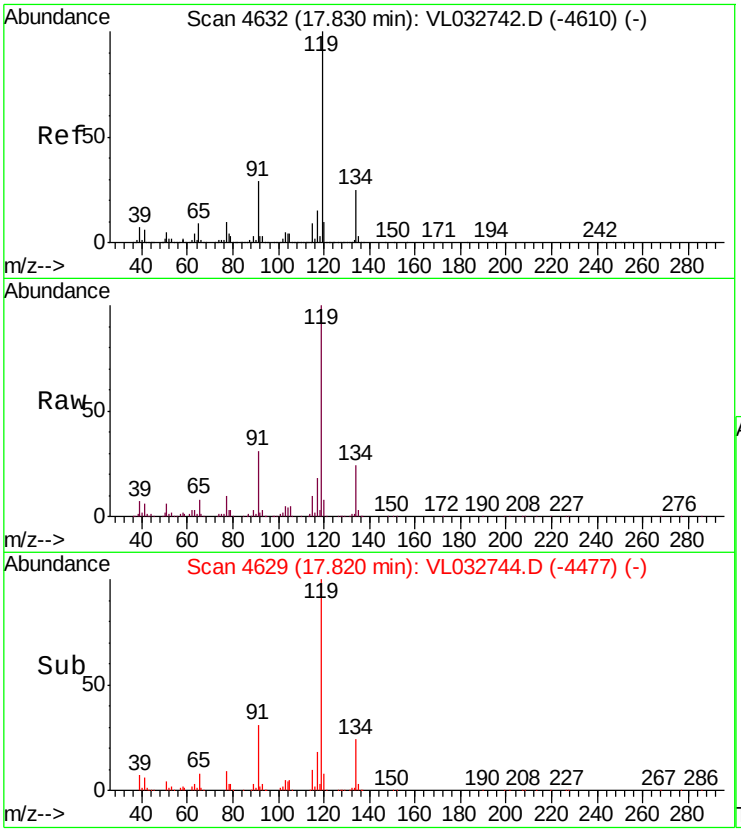




#68
1-Bromo-4-Fluorobenzene
Concen: 9.779 ppbv
RT: 14.59 min Scan# 3623
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 95 Resp: 2867373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 63.7 | 50.7 | 76.1 |
| 175 | 4.8 | 3.8 | 5.6 |



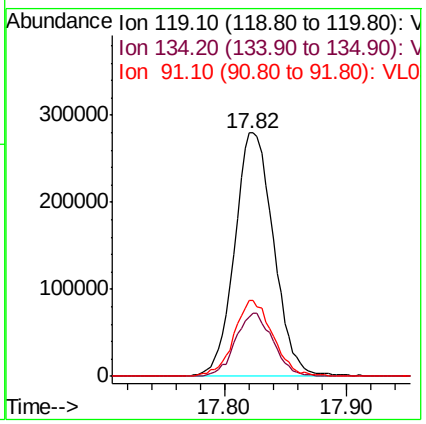


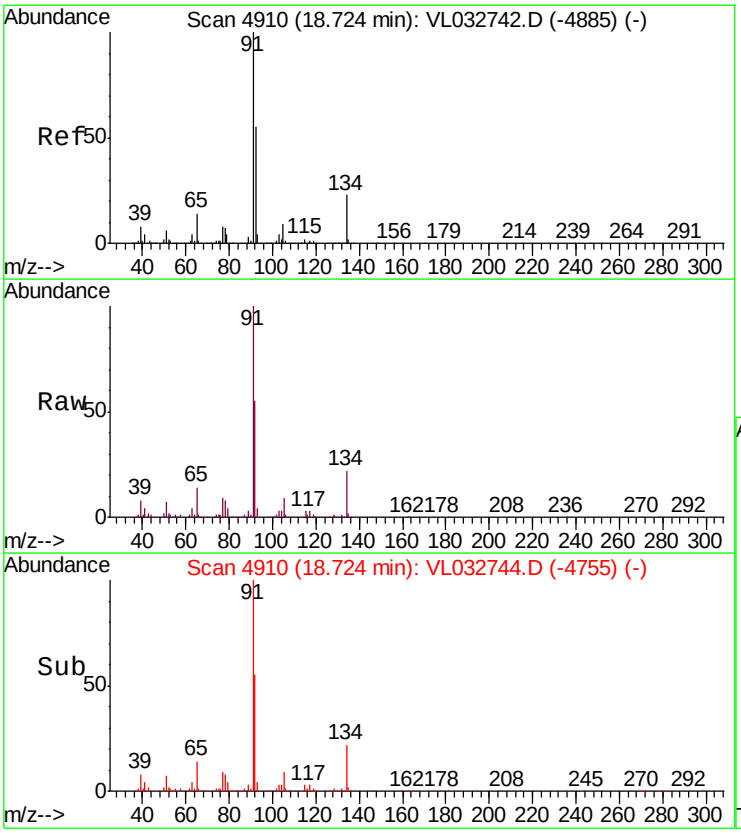

#69
p-Isopropyltoluene
Concen: 1.131 ppbv
RT: 17.82 min Scan# 4629
Delta R.T. -0.01 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion:119 Resp: 612831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.3 | 20.2 | 30.4 |
| 91 | 31.7 | 23.5 | 35.3 |

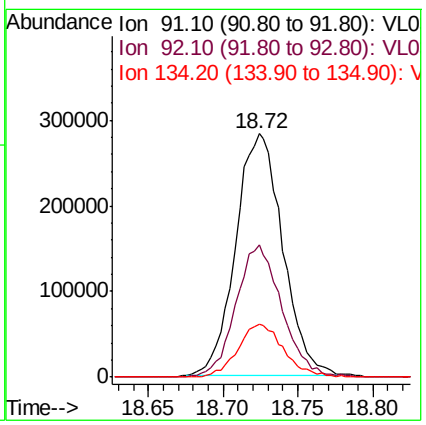


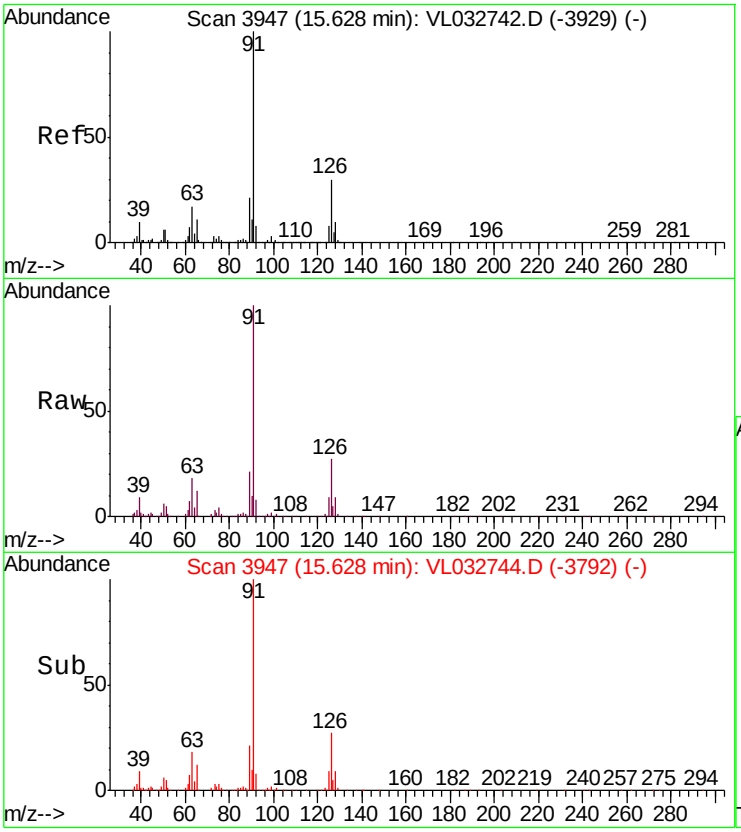




#70
n-Butylbenzene
Concen: 1.115 ppbv
RT: 18.72 min Scan# 4910
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion: 91 Resp: 619929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.2 | 42.9 | 64.3 |
| 134 | 21.3 | 17.8 | 26.8 |



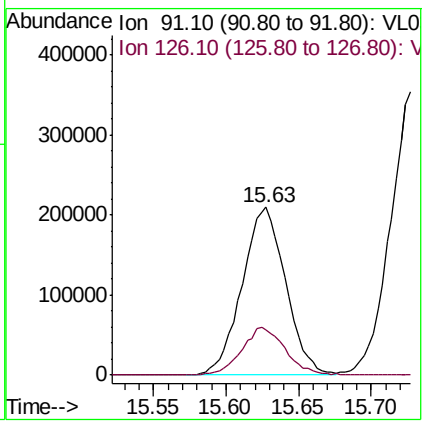


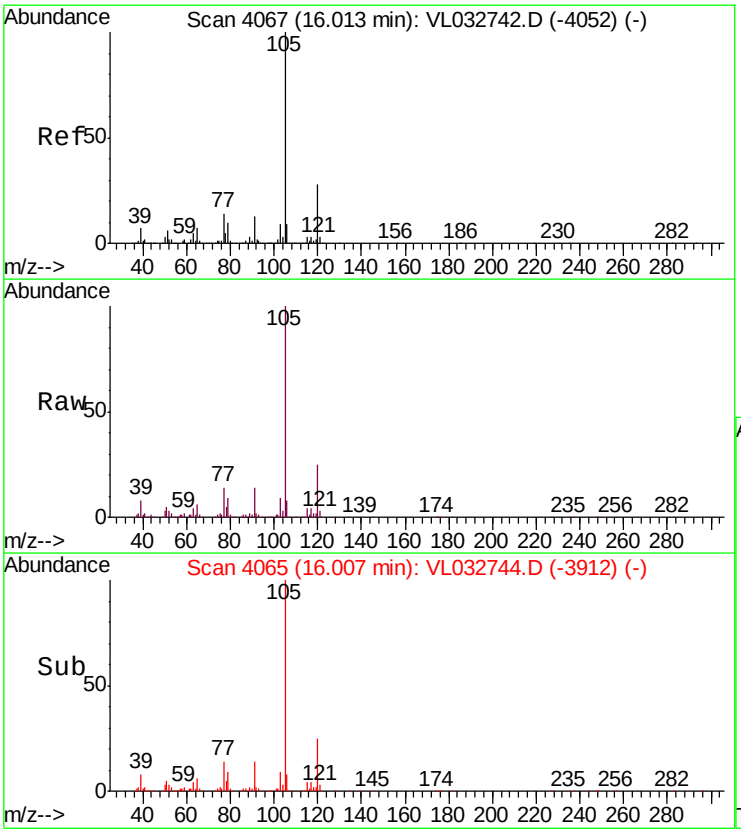

#71
2-Chlorotoluene
Concen: 1.093 ppbv
RT: 15.63 min Scan# 3947
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDICC001

Tgt Ion: 91 Resp: 437580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 28.8 | 12.1 | 48.5 |

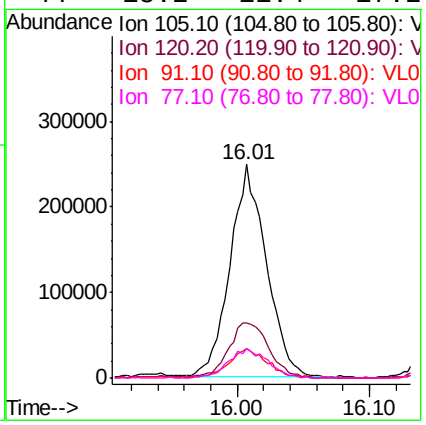


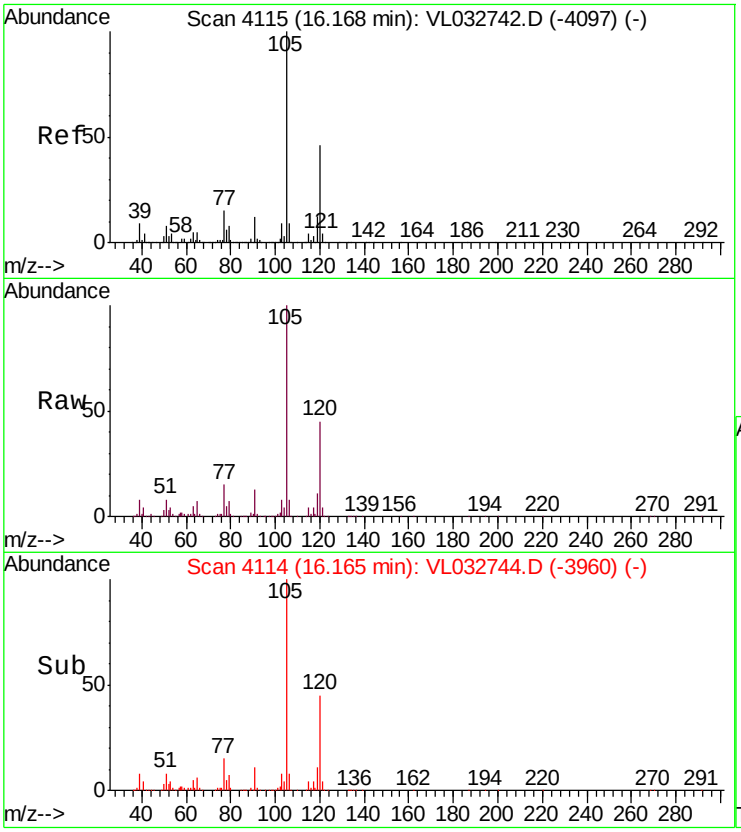




#72
4-Ethyltoluene
Concen: 1.118 ppbv
RT: 16.01 min Scan# 4065
Delta R.T. -0.01 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion:105 Resp: 475048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 28.6 | 22.9 | 34.3 |
| 91 | 14.9 | 10.6 | 15.8 |
| 77 | 15.2 | 11.4 | 17.2 |



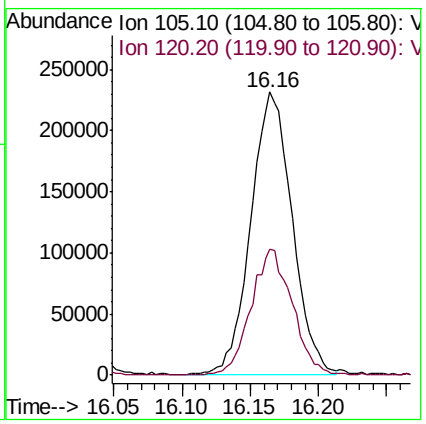


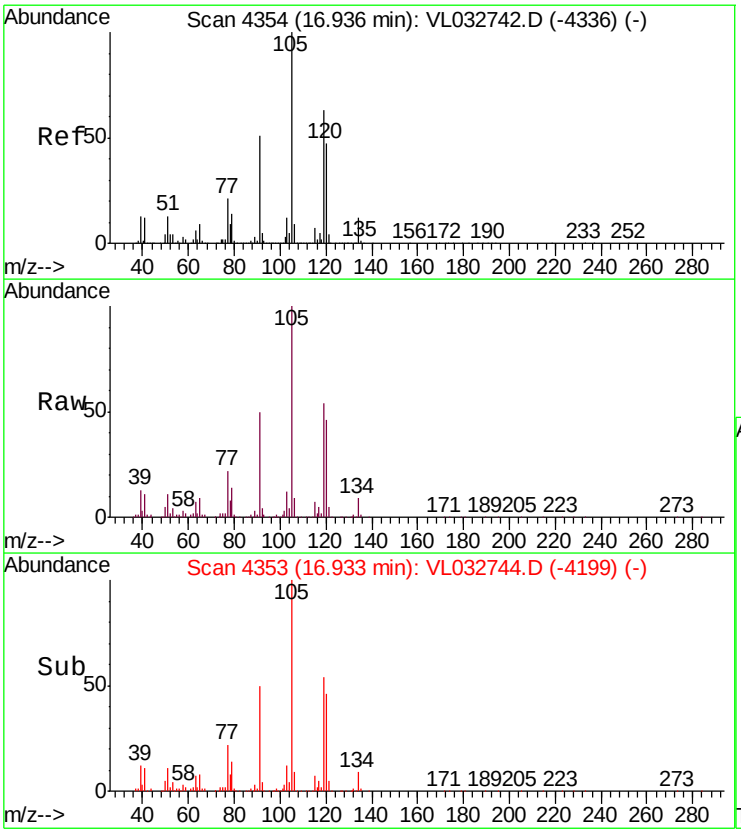

#73
1,3,5-Trimethylbenzene
Concen: 1.174 ppbv
RT: 16.16 min Scan# 4114
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion:105 Resp: 486222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.3 | 36.6 | 55.0 |

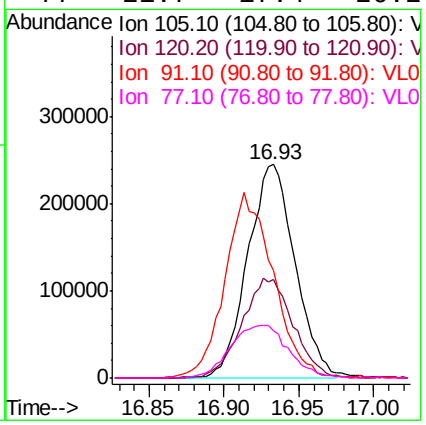


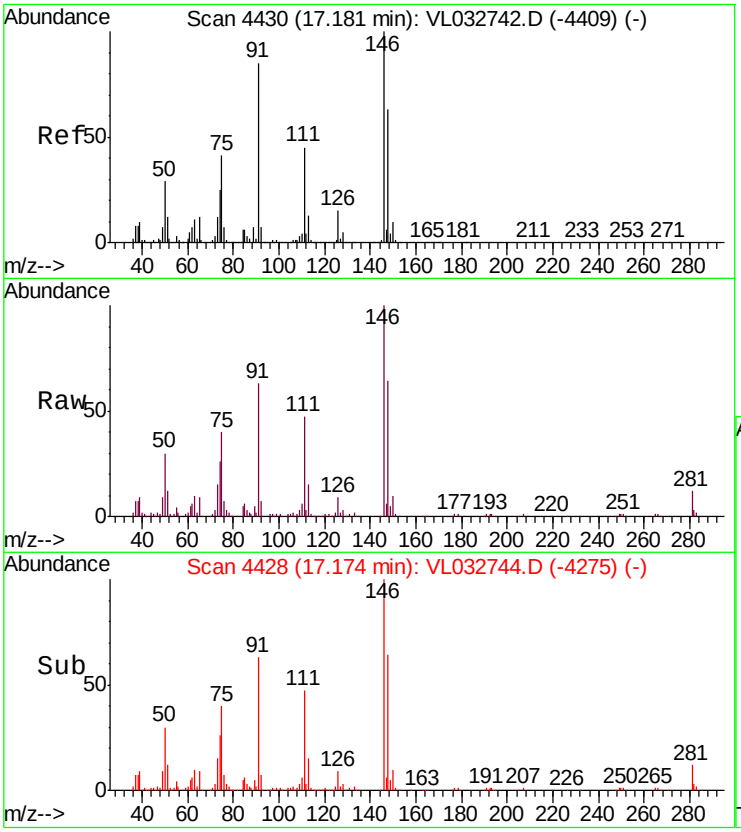




#74
1,2,4-Trimethylbenzene
Concen: 1.211 ppbv
RT: 16.93 min Scan# 4353
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion:105 Resp: 535017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.9 | 37.6 | 56.4 |
| 91 | 49.1 | 42.5 | 63.7 |
| 77 | 21.7 | 17.4 | 26.2 |



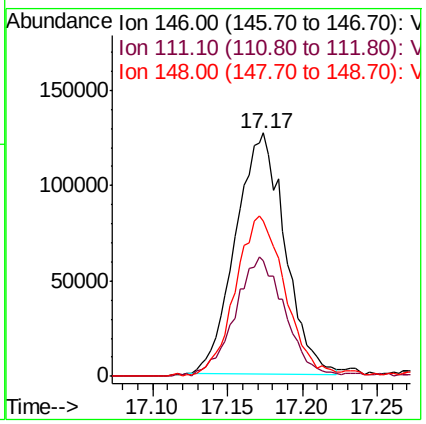


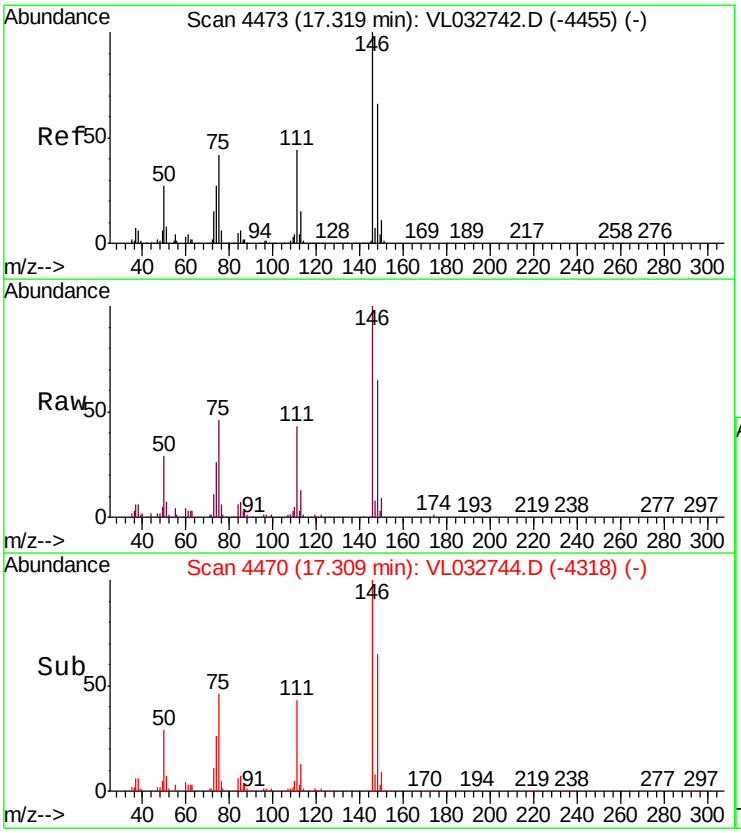

#75
1,3-Dichlorobenzene
Concen: 1.144 ppbv
RT: 17.17 min Scan# 4428
Delta R.T. -0.01 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion:146 Resp: 291138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 50.8 | 23.5 | 70.6 |
| 148 | 68.0 | 31.8 | 95.3 |

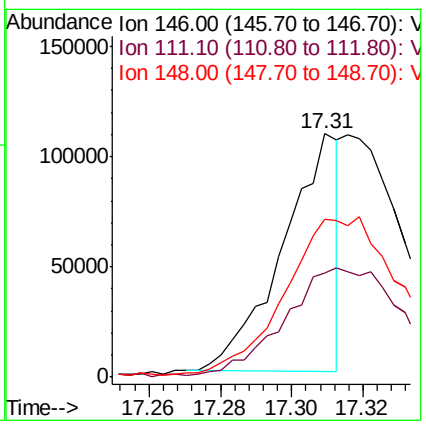


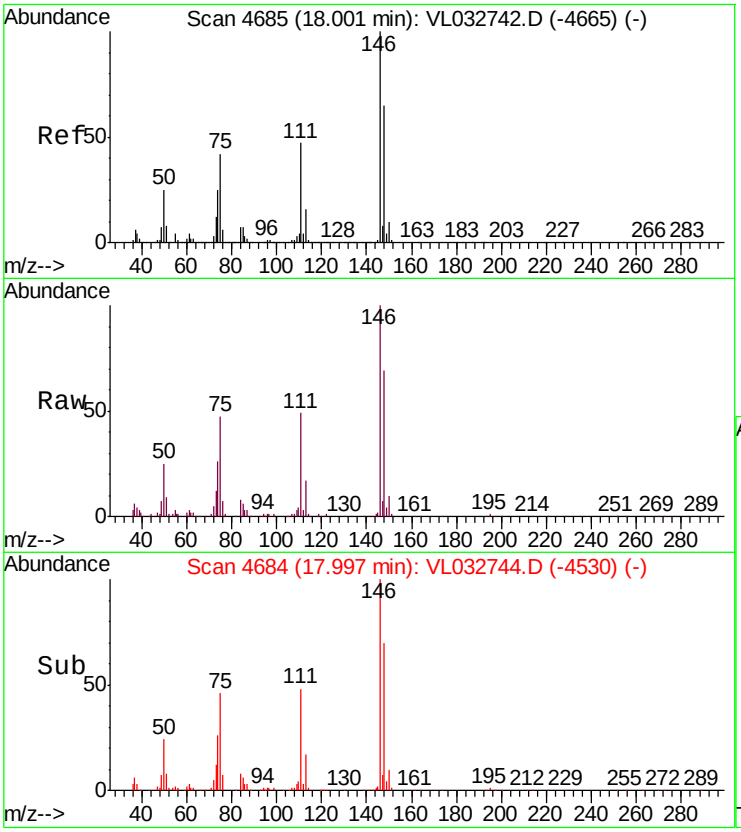




#76
1,4-Dichlorobenzene
Concen: 0.498 ppbv
RT: 17.31 min Scan# 4470
Delta R.T. -0.01 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion:146 Resp: 117201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 0.0 | 22.5 | 67.5# |
| 148 | 0.0 | 32.5 | 97.5# |



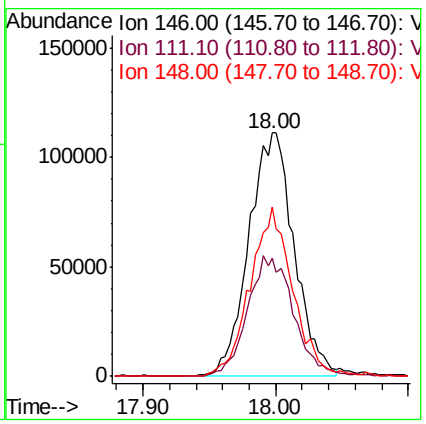


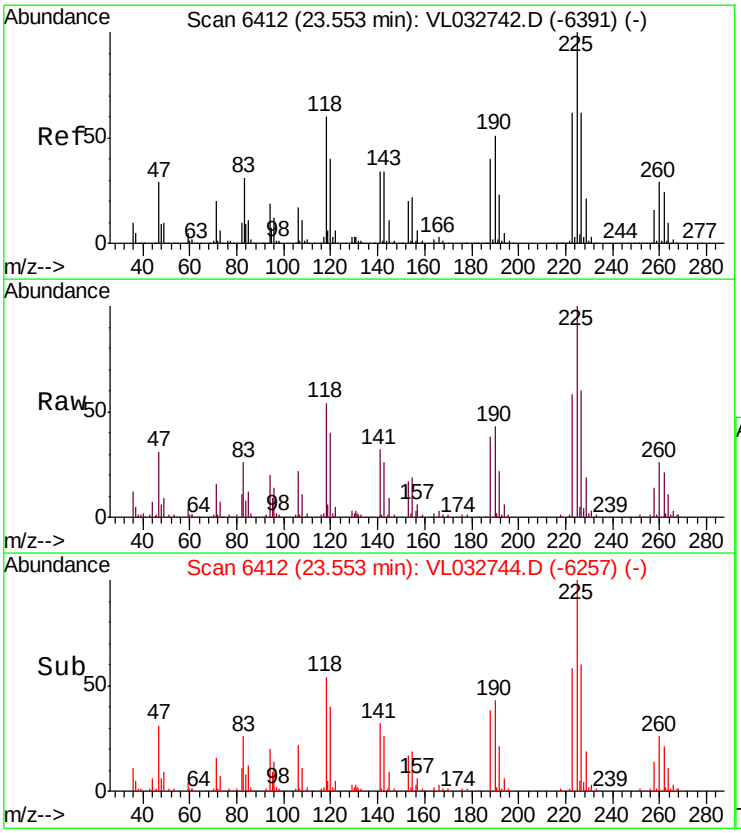

#77
1,2-Dichlorobenzene
Concen: 1.107 ppbv
RT: 18.00 min Scan# 4684
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion:146 Resp: 265705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 50.3 | 24.4 | 73.2 |
| 148 | 65.4 | 32.2 | 96.6 |

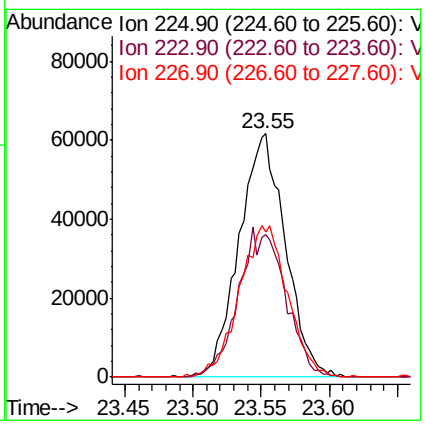


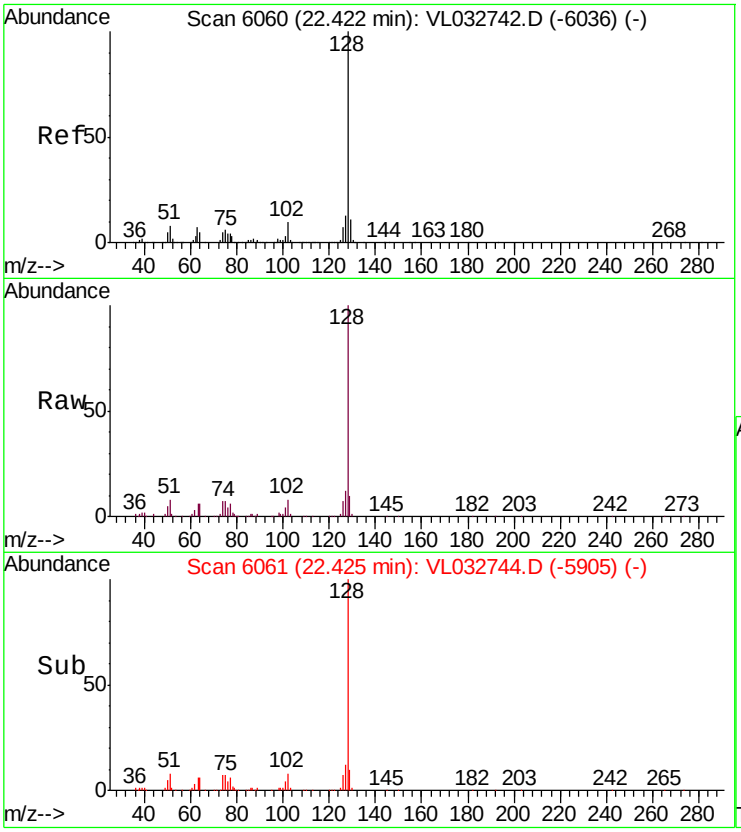




#78
Hexachloro-1,3-Butadiene
Concen: 1.197 ppbv
RT: 23.55 min Scan# 6412
Delta R.T. -0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion:225 Resp: 145613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.9 | 50.3 | 75.5 |
| 227 | 64.8 | 50.2 | 75.4 |



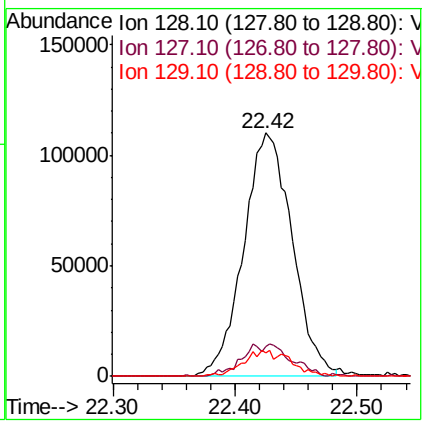


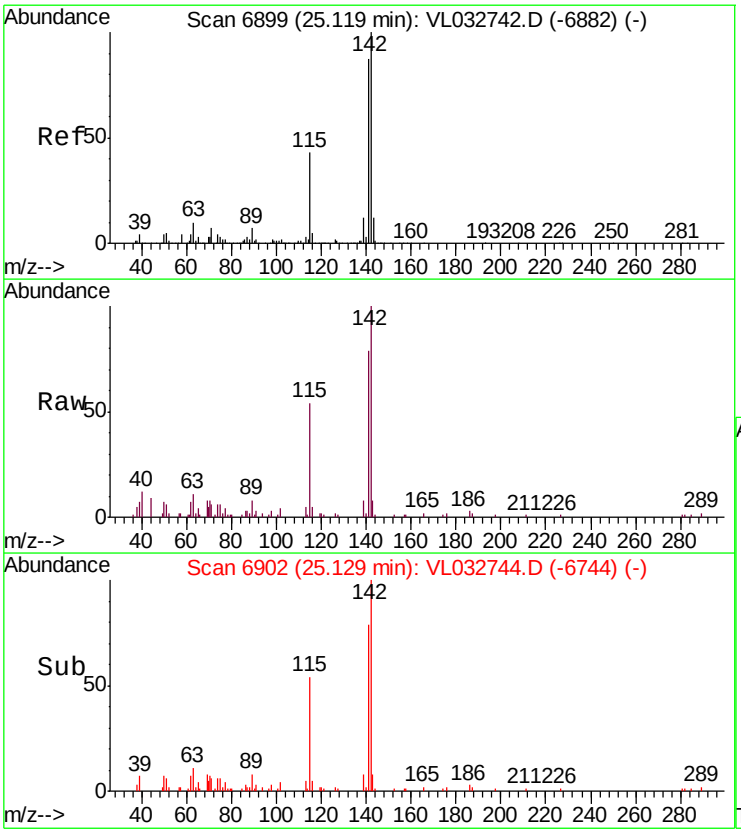

#79
Naphthalene
Concen: 1.093 ppbv
RT: 22.42 min Scan# 6061
Delta R.T. 0.00 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion:128 Resp: 303595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 11.5 | 10.1 | 15.1 |
| 129 | 9.8 | 8.9 | 13.3 |

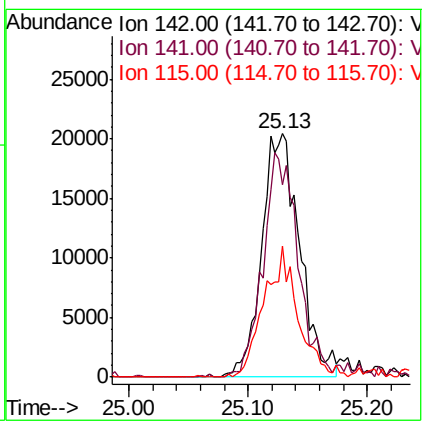


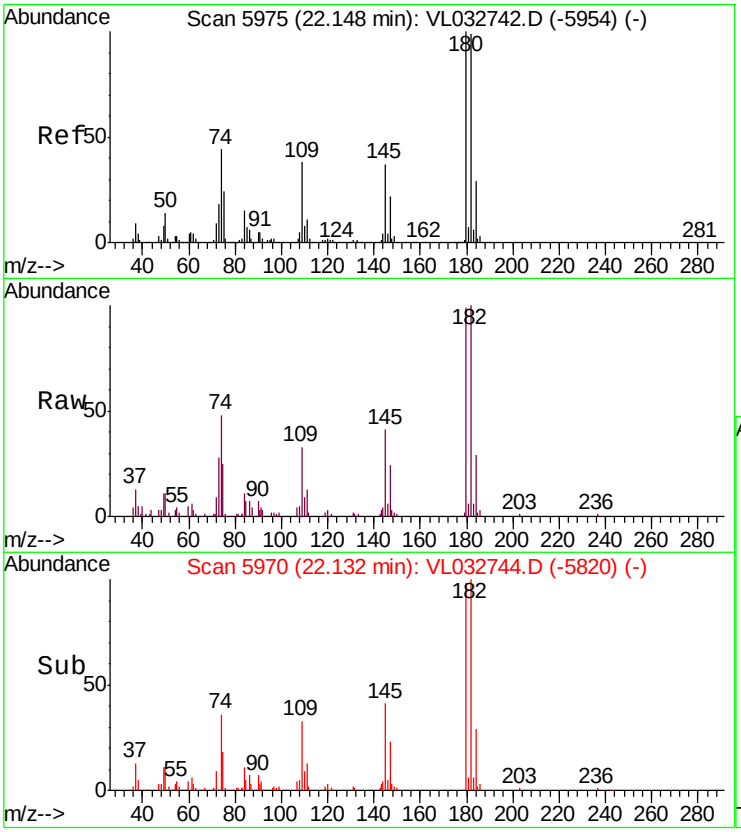




#80
Naphthalene,2-methyl-
Concen: 0.676 ppbv
RT: 25.13 min Scan# 6902
Delta R.T. 0.01 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

Tgt Ion:142 Resp: 44934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.6 | 68.7 | 103.1 |
| 115 | 48.0 | 35.5 | 53.3 |






#81
1,2,4-Trichlorobenzene
Concen: 0.292 ppbv
RT: 22.13 min Scan# 5970
Delta R.T. -0.02 min
Lab File: VL032744.D
Acq: 14 Nov 2018 3:45

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC001

Tgt Ion:180 Resp: 41488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 0.0 | 77.3 | 115.9# |
| 184 | 0.0 | 24.2 | 36.4# |