Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101118\

Quantitation Report (Not Reviewed)

Data File : VL032625.D
Acq On : 12 Oct 2018 8:53
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Oct 12 09:27:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 01 06:49:26 2018
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.79 | 49 | 1291303 | 10.00 | ppbv | -0.02 |
| 33) 1,4-Difluorobenzene | 7.32 | 114 | 2970332 | 10.00 | ppbv | -0.03 |
| 55) Chlorobenzene-d5 | 12.27 | 117 | 1849821 | 10.00 | ppbv | -0.03 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.61 | 95 | 2322848 | 16.65 | ppbv | -0.03 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 166.50%# | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.09 | 85 | 1611833 | 13.495 | ppbv | 100 |
| 3) Chlorodifluoromethane | 3.03 | 51 | 939329 | 8.747 | ppbv | 94 |
| 4) Chloromethane | 3.19 | 50 | 503830 | 8.046 | ppbv | 99 |
| 5) Vinyl Chloride | 3.31 | 62 | 517971 | 8.187 | ppbv | 98 |
| 6) Bromomethane | 3.53 | 94 | 325850 | 9.417 | ppbv | 95 |
| 7) Chloroethane | 3.62 | 64 | 207579 | 9.208 | ppbv | 95 |
| 8) Dichlorotetrafluoroethane | 3.24 | 85 | 1264140 | 9.687 | ppbv | 97 |
| 9) Propene | 3.05 | 41 | 351915 | 7.553 | ppbv | 99 |
| 10) Heptane | 8.27 | 43 | 1585688 | 9.279 | ppbv | 95 |
| 11) Trichlorofluoromethane | 4.02 | 101 | 1486859 | 10.472 | ppbv | 98 |
| 12) 1,1,2-Trichlorotrifluoroet | 4.57 | 101 | 995334 | 8.576 | ppbv | 99 |
| 13) Ethanol | 3.67 | 45 | 95894 | 6.847 | ppbv | 96 |
| 14) Bromoethene | 3.80 | 108 | 417336 | 10.134 | ppbv | 98 |
| 15) Acetone | 3.92 | 43 | 1005973 | 8.875 | ppbv | 99 |
| 16) 1,3-Butadiene | 3.38 | 39 | 416241 | 9.055 | ppbv | 98 |
| 17) tert-Butyl alcohol | 4.38 | 59 | 107895 | 7.575 | ppbv # | 100 |
| 18) 1,1-Dichloroethene | 4.37 | 96 | 454524 | 8.362 | ppbv | 98 |
| 19) Isopropyl Alcohol | 4.04 | 45 | 647326 | 8.199 | ppbv | 100 |
| 20) Methylene Chloride | 4.43 | 84 | 401607 | 7.317 | ppbv | 97 |
| 21) Allyl Chloride | 4.50 | 41 | 749762 | 8.093 | ppbv | 95 |
| 22) trans-1,2-Dichloroethene | 4.98 | 96 | 503494 | 9.829 | ppbv | 100 |
| 23) Vinyl Acetate | 5.18 | 43 | 1838700 | 9.180 | ppbv # | 97 |
| 24) 1,1-Dichloroethane | 5.11 | 63 | 1547081 | 9.276 | ppbv | 99 |
| 25) Ethyl Acetate | 5.79 | 43 | 2591702 | 9.423 | ppbv | 99 |
| 26) Hexane | 5.80 | 57 | 1202962 | 9.683 | ppbv | 99 |
| 27) Carbon Disulfide | 4.64 | 76 | 1338617 | 10.023 | ppbv | 99 |
| 28) Methyl tert-Butyl Ether | 5.14 | 73 | 1595015 | 10.307 | ppbv | 97 |
| 29) Chloroform | 5.88 | 83 | 1990968 | 10.445 | ppbv | 99 |
| 30) Cyclohexane | 7.27 | 84 | 1035001 | 10.232 | ppbv | 93 |
| 31) cis-1,2-Dichloroethene | 5.67 | 61 | 1103141 | 9.323 | ppbv | 99 |
| 32) 1,1,1-Trichloroethane | 6.65 | 97 | 1853379 | 9.124 | ppbv | 98 |
| 34) 2-Butanone | 5.35 | 43 | 1568256 | 8.866 | ppbv | 98 |
| 35) Carbon Tetrachloride | 7.16 | 117 | 2084079 | 10.097 | ppbv | 97 |
| 36) Benzene | 7.03 | 78 | 2420324 | 10.083 | ppbv | 98 |
| 37) 1,2-Dichloroethane | 6.44 | 62 | 1555155 | 10.750 | ppbv | 97 |
| 38) Trichloroethene | 7.99 | 130 | 969426 | 10.551 | ppbv | 98 |
| 39) 1,2-Dichloropropane | 7.77 | 63 | 953241 | 8.812 | ppbv | 95 |
| 40) 1,4-Dioxane | 7.98 | 88 | 342759 | 10.334 | ppbv | 78 |
| 41) Tetrahydrofuran | 6.17 | 42 | 847070 | 8.815 | ppbv | 92 |
| 42) Bromodichloromethane | 7.95 | 83 | 2278427 | 10.512 | ppbv | 97 |
| 43) Methyl Methacrylate | 8.16 | 69 | 1050941 | 10.480 | ppbv | 95 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101118\

Quantitation Report (Not Reviewed)

Data File : VL032625.D
Acq On : 12 Oct 2018 8:53
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Oct 12 09:27:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 01 06:49:26 2018
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,2,4-Trimethylpentane | 8.02 | 57 | 4457980 | 9.503 | ppbv | | 99 |
| 45) t-1,3-Dichloropropene | 9.44 | 75 | 1301981 | 10.438 | ppbv | | 97 |
| 46) cis-1,3-Dichloropropene | 8.87 | 75 | 1559865 | 10.661 | ppbv | | 98 |
| 47) 1,1,2-Trichloroethane | 9.64 | 97 | 1029697 | 8.570 | ppbv | | 95 |
| 48) Dibromochloromethane | 10.48 | 129 | 1978070 | 10.470 | ppbv | | 99 |
| 49) Bromoform | 13.23 | 173 | 1565127 | 10.842 | ppbv | | 100 |
| 50) 4-Methyl-2-Pentanone | 8.90 | 43 | 2562306 | 9.216 | ppbv | | 99 |
| 51) 2-Hexanone | 10.30 | 43 | 2200980 | 9.572 | ppbv | | 99 |
| 52) Tetrachloroethene | 11.40 | 164 | 880718 | 10.537 | ppbv | | 97 |
| 53) Toluene | 9.98 | 91 | 3117798 | 10.658 | ppbv | | 100 |
| 54) 1,2-Dibromoethane | 10.79 | 107 | 1724316 | 10.090 | ppbv | | 94 |
| 56) 1,1,1,2-Tetrachloroethane | 12.31 | 131 | 1436871 | 17.281 | ppbv | # | 60 |
| 57) Chlorobenzene | 12.33 | 112 | 2391938 | 16.052 | ppbv | | 98 |
| 58) Ethyl Benzene | 12.89 | 91 | 3987092 | 17.769 | ppbv | | 97 |
| 59) m/p-Xylene | 13.18 | 91 | 3445333 | 17.258 | ppbv | # | 39 |
| 60) o-Xylene | 13.88 | 91 | 3319778 | 17.079 | ppbv | | 99 |
| 61) Styrene | 13.71 | 104 | 2345617 | 18.448 | ppbv | | 98 |
| 62) Isopropylbenzene | 14.86 | 105 | 4608148 | 16.764 | ppbv | | 99 |
| 63) 1,1,2,2-Tetrachloroethane | 13.87 | 83 | 2488974 | 14.414 | ppbv | | 99 |
| 64) n-propylbenzene | 15.75 | 120 | 1201462 | 17.013 | ppbv | | 96 |
| 65) tert-Butylbenzene | 16.94 | 119 | 3951259 | 16.771 | ppbv | | 98 |
| 66) Benzyl Chloride | 17.19 | 91 | 2362450 | 17.398 | ppbv | | 99 |
| 67) sec-Butylbenzene | 17.49 | 105 | 5793536 | 16.539 | ppbv | | 99 |
| 69) p-Isopropyltoluene | 17.85 | 119 | 4617908 | 17.068 | ppbv | | 99 |
| 70) n-Butylbenzene | 18.74 | 91 | 5042232 | 17.062 | ppbv | | 99 |
| 71) 2-Chlorotoluene | 15.65 | 91 | 3651116 | 17.439 | ppbv | | 99 |
| 72) 4-Ethyltoluene | 16.03 | 105 | 3790428 | 17.966 | ppbv | | 99 |
| 73) 1,3,5-Trimethylbenzene | 16.19 | 105 | 3629511 | 17.702 | ppbv | | 97 |
| 74) 1,2,4-Trimethylbenzene | 16.96 | 105 | 3680301 | 16.671 | ppbv | | 95 |
| 75) 1,3-Dichlorobenzene | 17.20 | 146 | 2040643 | 14.980 | ppbv | | 100 |
| 76) 1,4-Dichlorobenzene | 17.34 | 146 | 2007295 | 16.093 | ppbv | | 100 |
| 77) 1,2-Dichlorobenzene | 18.02 | 146 | 2027689 | 15.828 | ppbv | | 100 |
| 78) Hexachloro-1,3-Butadiene | 23.57 | 225 | 1211537 | 25.198 | ppbv | | 100 |
| 79) Naphthalene | 22.44 | 128 | 3032127 | 19.044 | ppbv | | 99 |
| 80) Naphthalene,2-methyl- | 25.14 | 142 | 881963 | 23.594 | ppbv | | 98 |
| 81) 1,2,4-Trichlorobenzene | 22.17 | 180 | 1430581 | 17.530 | ppbv | | 99 |

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

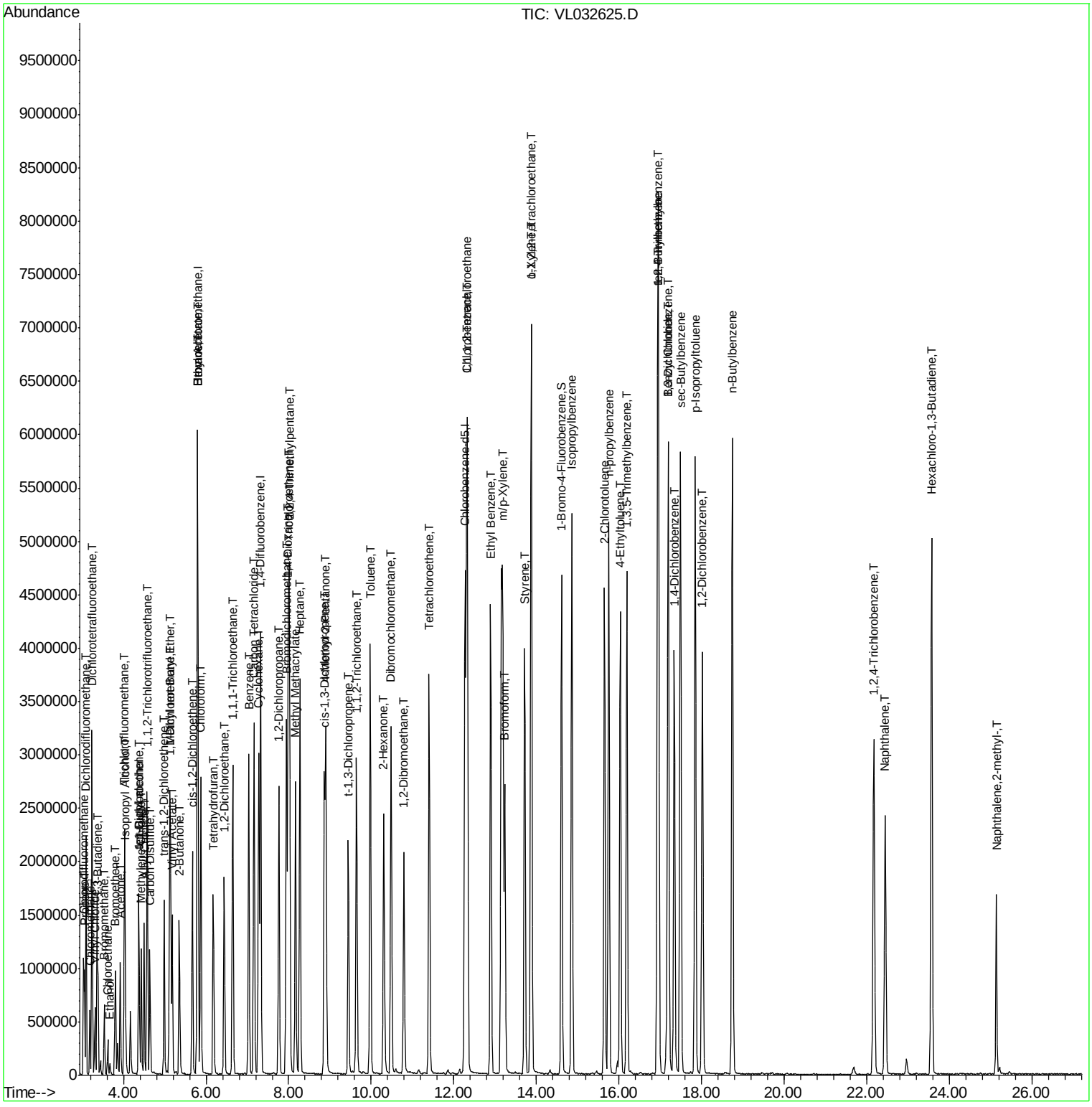
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101118\

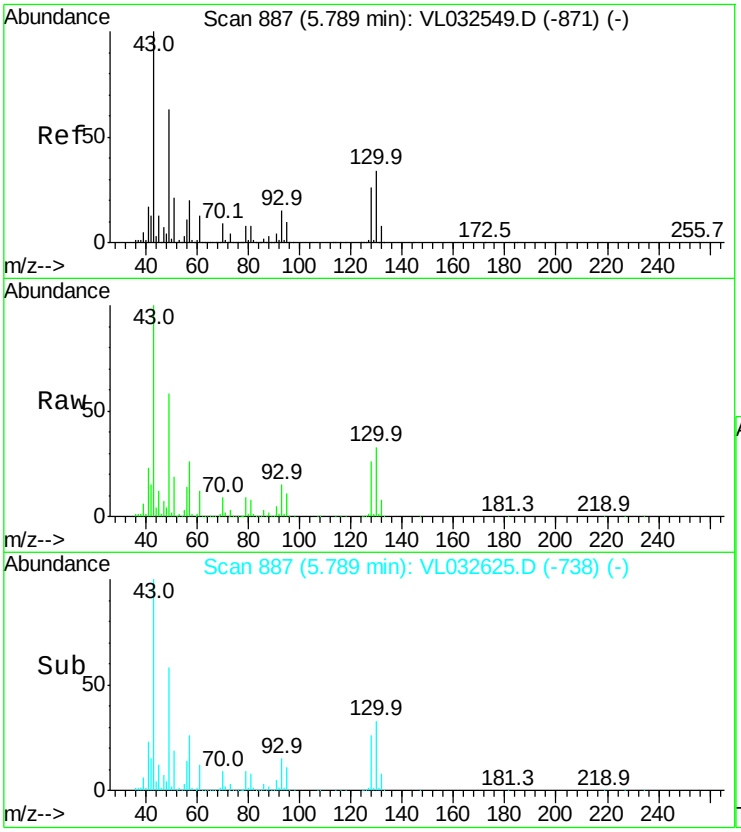
Quantitation Report (Not Reviewed)

Data File : VL032625.D
Acq On : 12 Oct 2018 8:53
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Oct 12 09:27:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 01 06:49:26 2018
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration



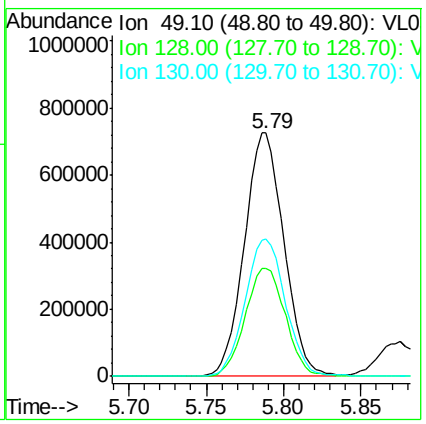


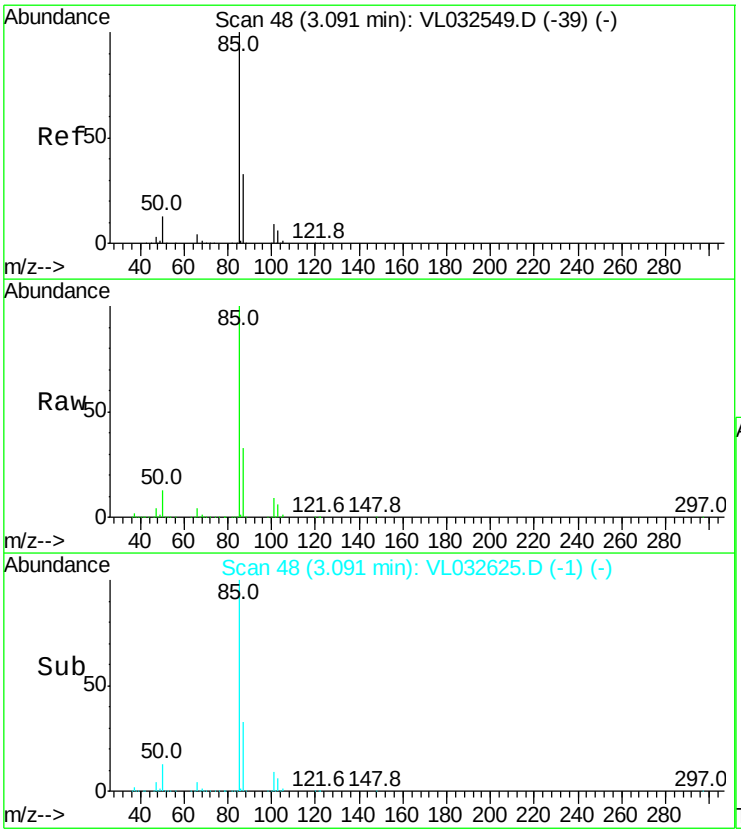

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.79 min Scan# 887
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 49 Resp: 1291303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 45.4 | 20.7 | 62.1 |
| 130 | 57.9 | 26.6 | 79.7 |

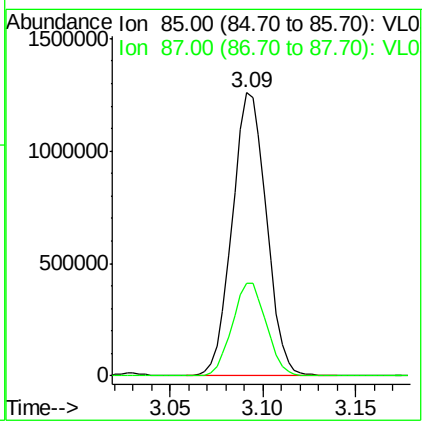


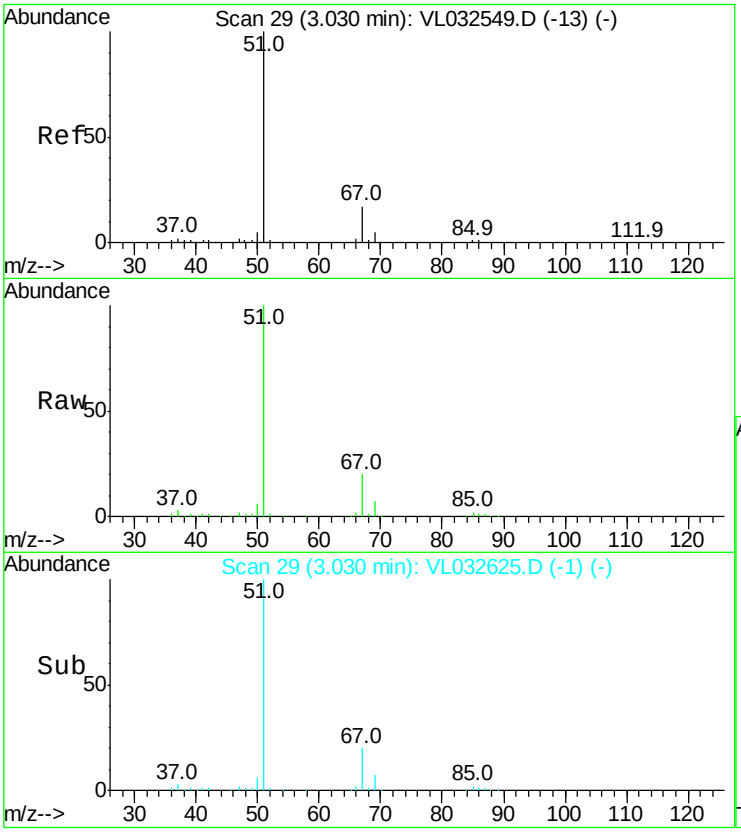




#2
Dichlorodifluoromethane
Concen: 13.495 ppbv
RT: 3.09 min Scan# 48
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 85 Resp: 1611833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.7 | 26.2 | 39.4 |



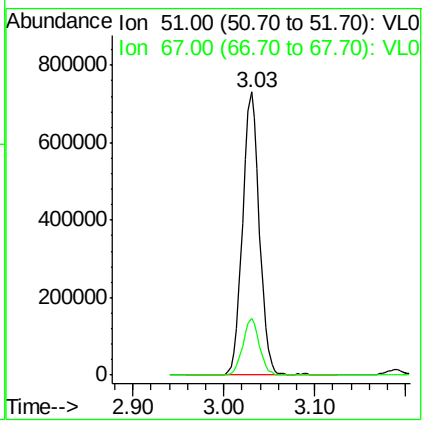


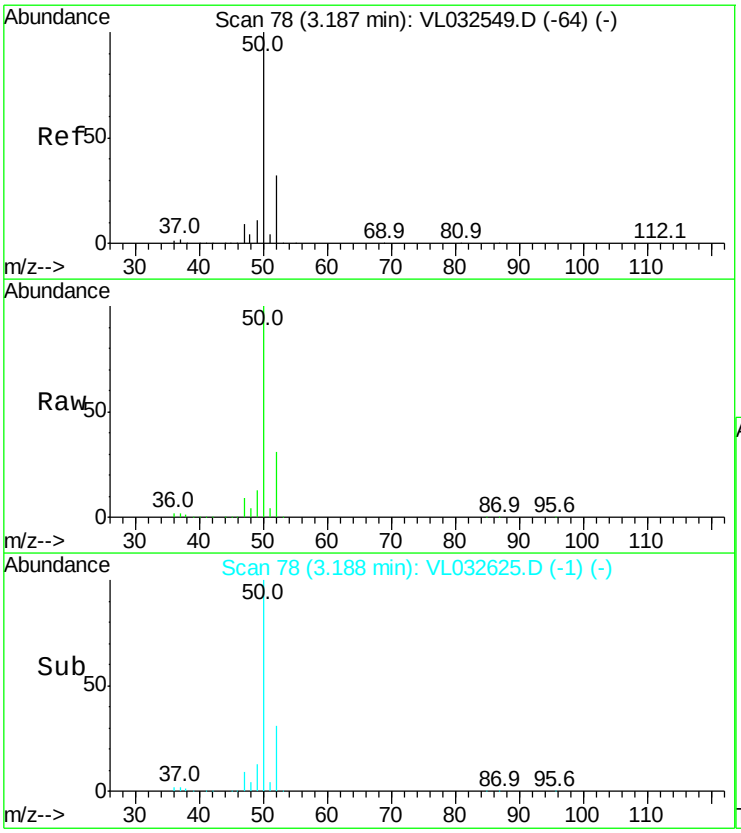

#3
Chlorodifluoromethane
Concen: 8.747 ppbv
RT: 3.03 min Scan# 29
Delta R.T. -0.01 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 51 Resp: 939329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 51 | 100 | | |
| 67 | 19.7 | 13.8 | 20.8 |

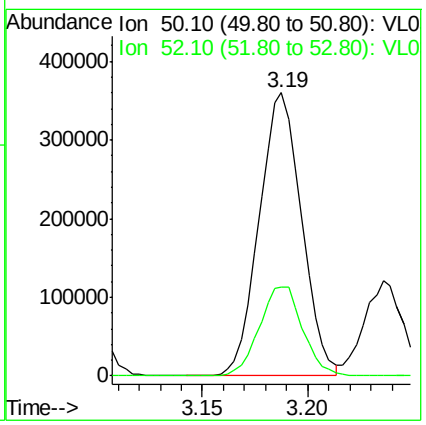


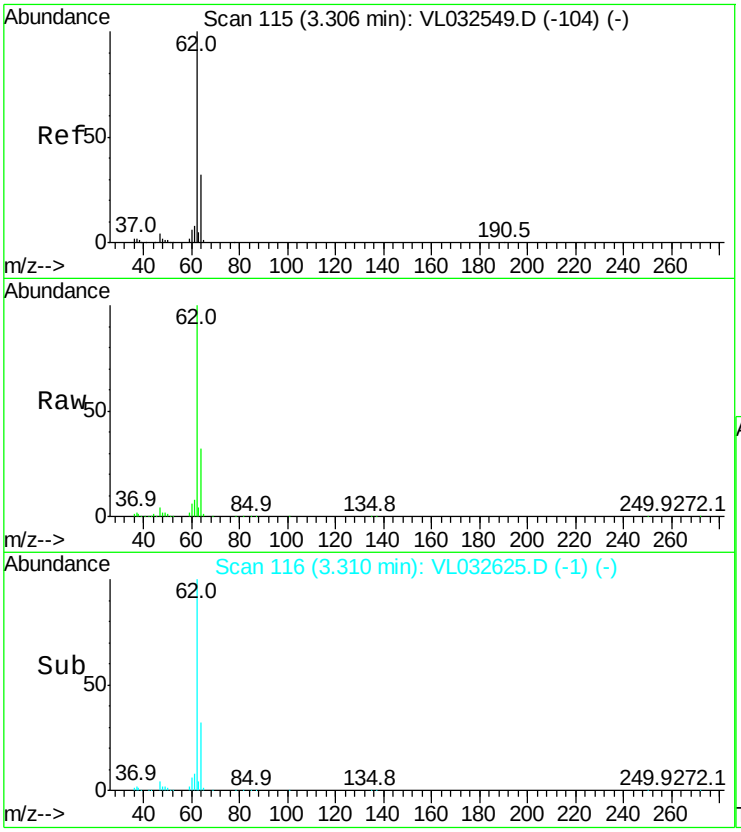




#4
Chloromethane
Concen: 8.046 ppbv
RT: 3.19 min Scan# 78
Delta R.T. -0.01 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 50 Resp: 503830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.4 | 25.6 | 38.4 |



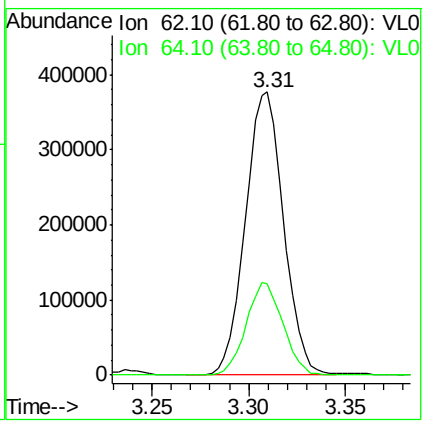


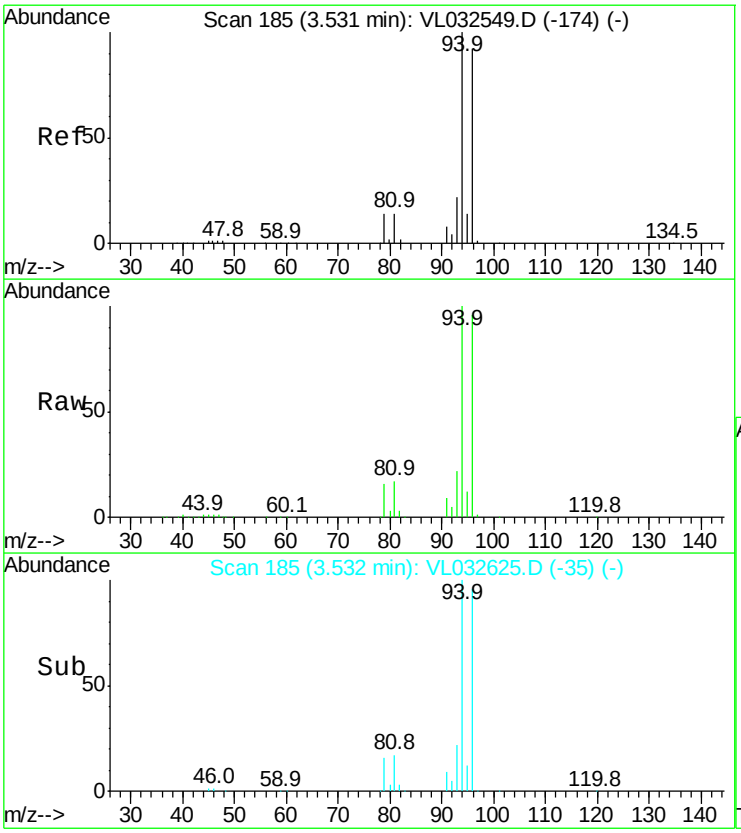

#5
Vinyl Chloride
Concen: 8.187 ppbv
RT: 3.31 min Scan# 116
Delta R.T. -0.01 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 62 Resp: 517971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.3 | 25.0 | 37.6 |

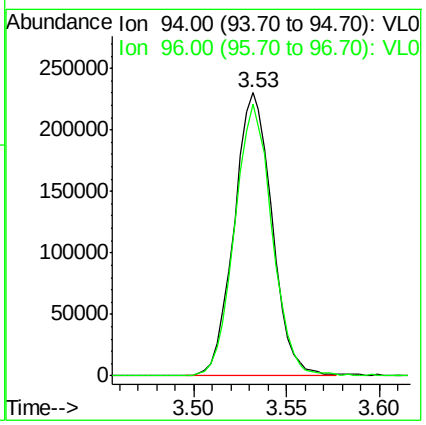


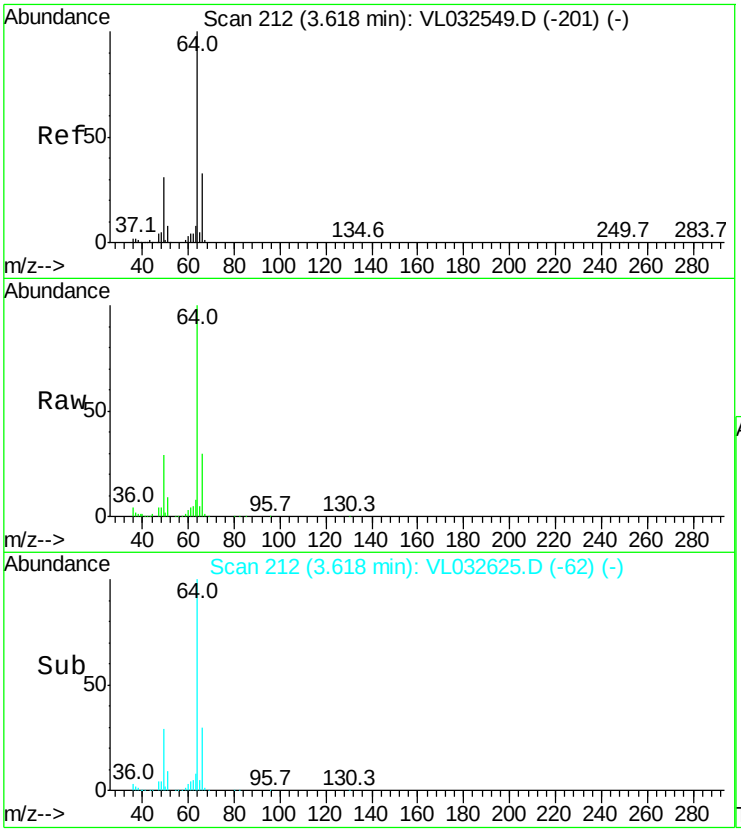




#6
Bromomethane
Concen: 9.417 ppbv
RT: 3.53 min Scan# 185
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 94 Resp: 325850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 96.1 | 72.8 | 109.2 |



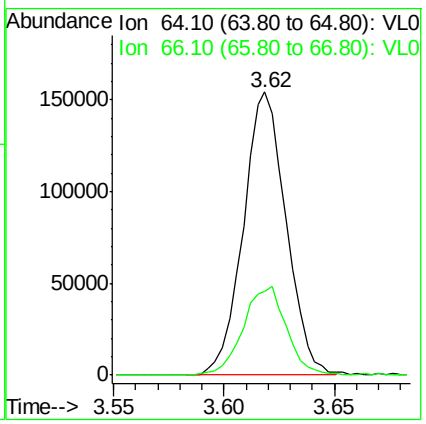


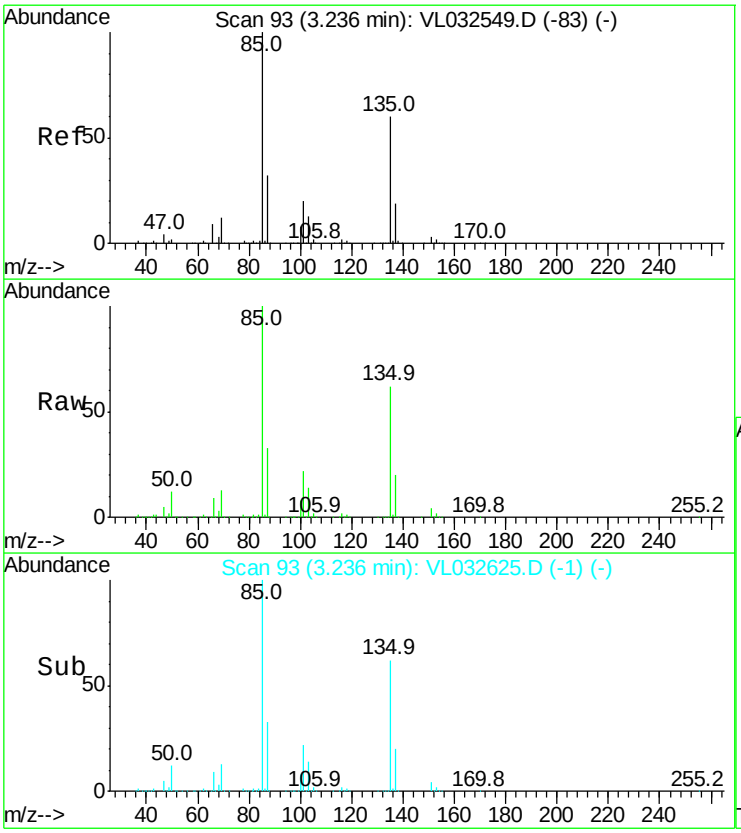

#7
Chloroethane
Concen: 9.208 ppbv
RT: 3.62 min Scan# 212
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 64 Resp: 207579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 29.7 | 25.8 | 38.6 |

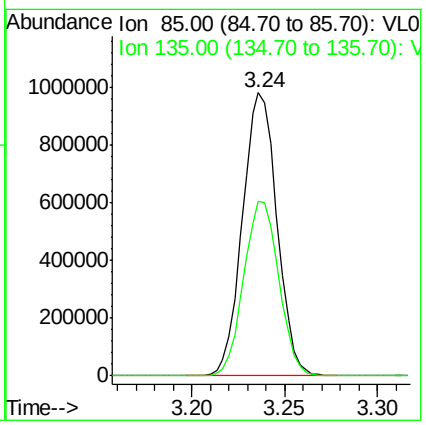


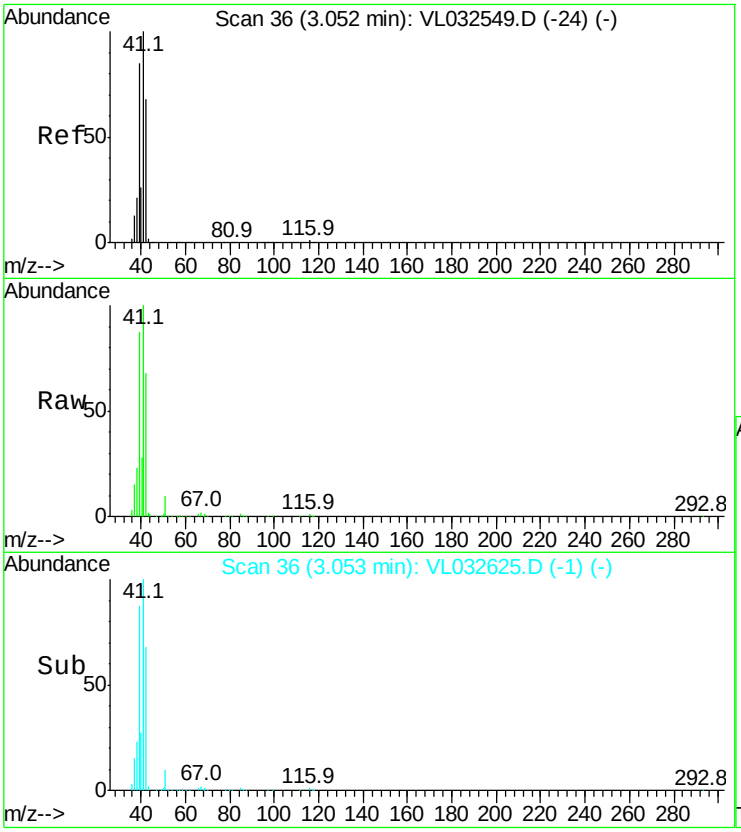




#8
Dichlorotetrafluoroethane
Concen: 9.687 ppbv
RT: 3.24 min Scan# 93
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 85 Resp: 1264140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 135 | 63.1 | 48.6 | 72.8 |



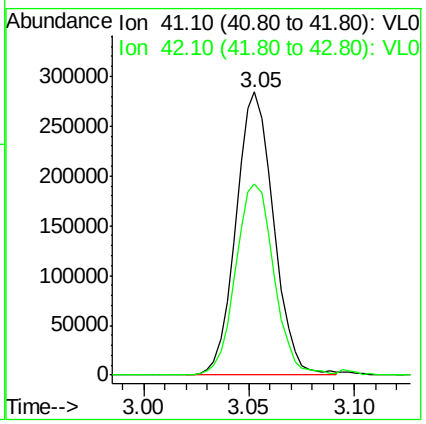


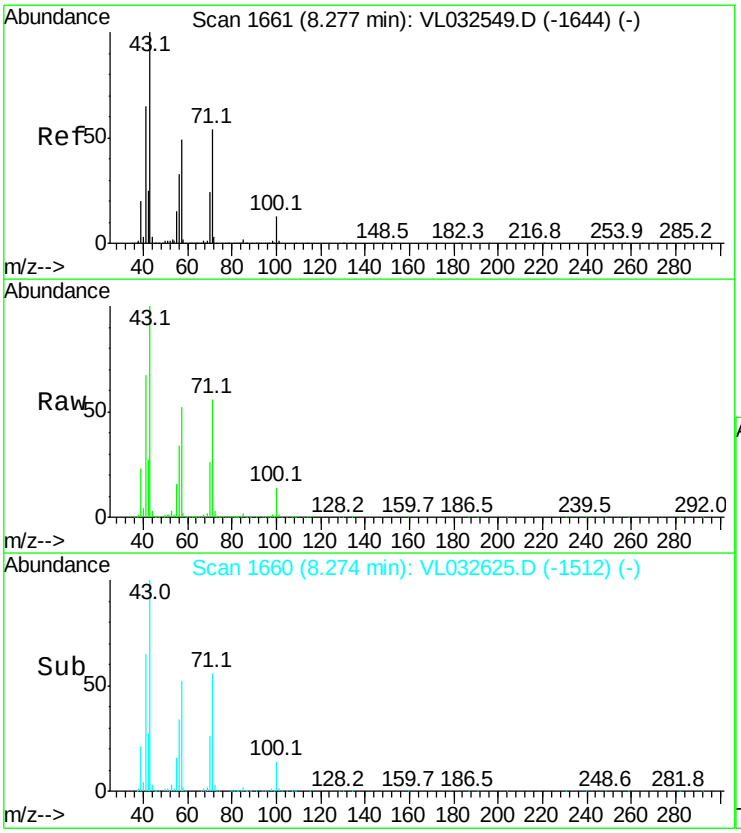

#9
Propene
Concen: 7.553 ppbv
RT: 3.05 min Scan# 36
Delta R.T. -0.01 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 41 Resp: 351915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 70.1 | 56.6 | 84.8 |

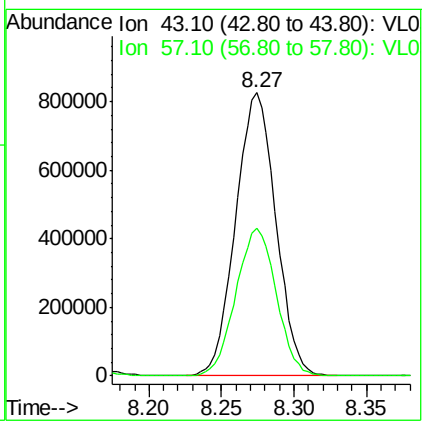


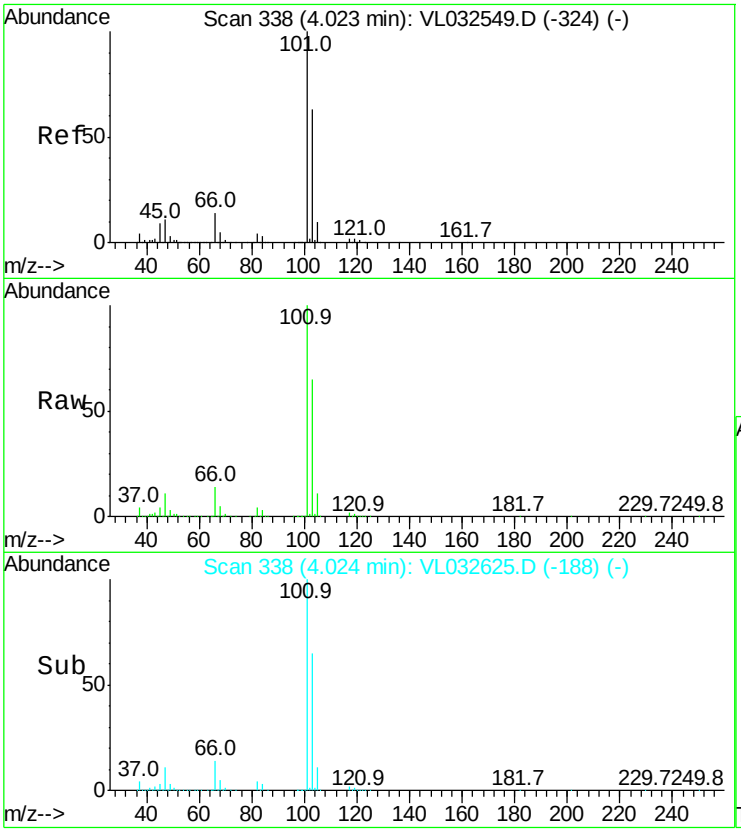




#10
Heptane
Concen: 9.279 ppbv
RT: 8.27 min Scan# 1660
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 43 Resp: 1585688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 52.7 | 39.6 | 59.4 |



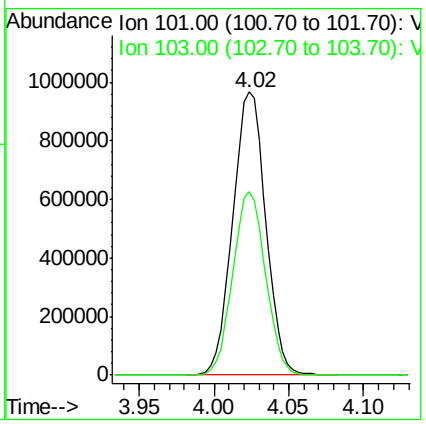


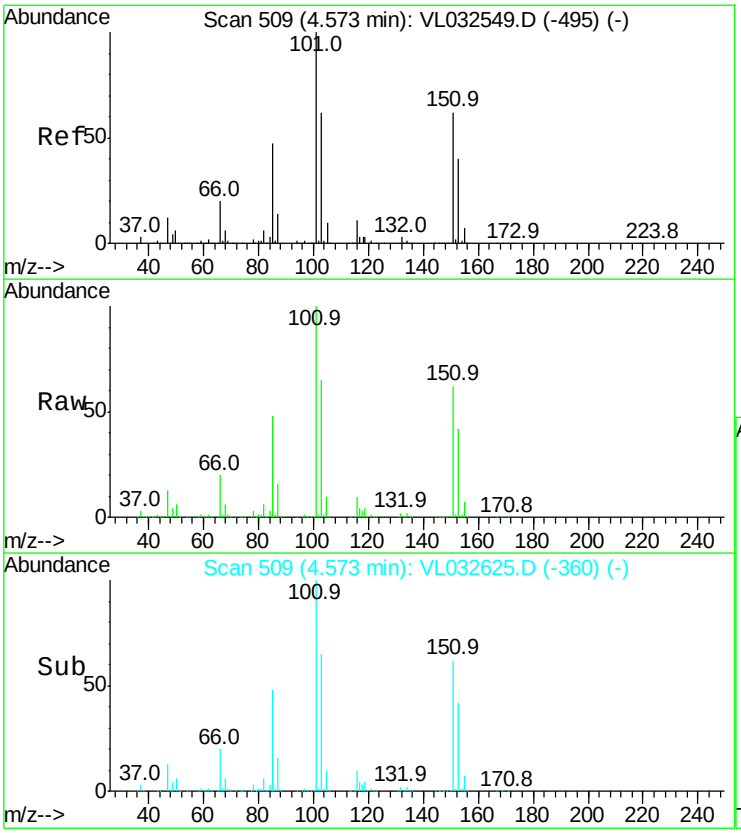

#11
Trichlorofluoromethane
Concen: 10.472 ppbv
RT: 4.02 min Scan# 338
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion:101 Resp: 1486859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.7 | 52.8 | 79.2 |

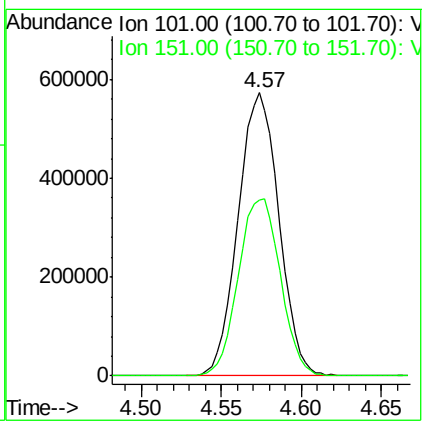


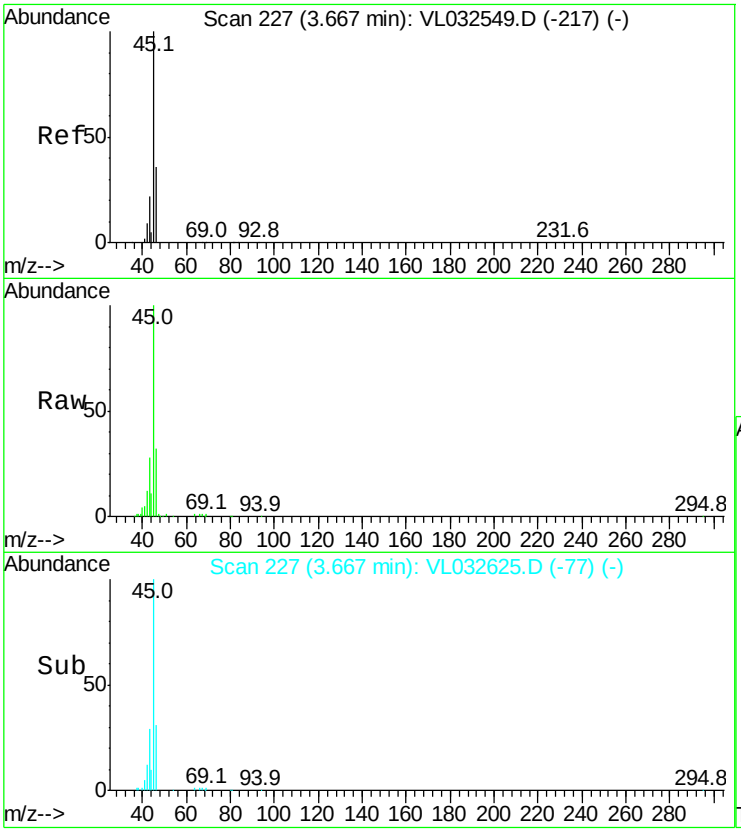




#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.576 ppbv
RT: 4.57 min Scan# 509
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion:101 Resp: 995334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 151 | 64.8 | 52.6 | 78.8 |



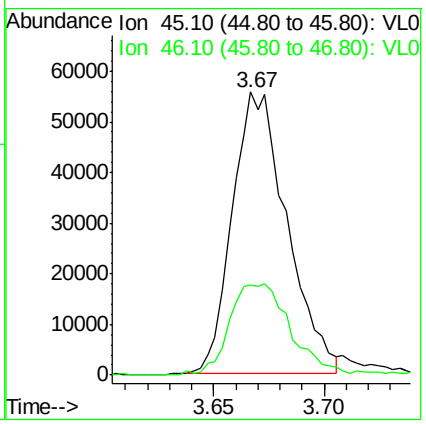


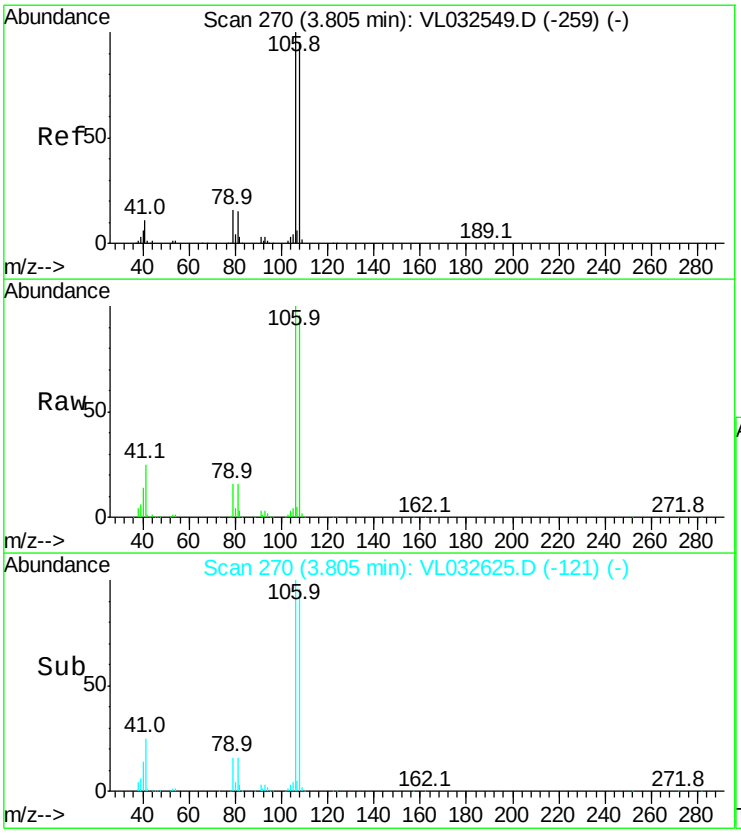

#13
Ethanol
Concen: 6.847 ppbv
RT: 3.67 min Scan# 227
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 45 Resp: 95894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 37.7 | 14.2 | 56.8 |

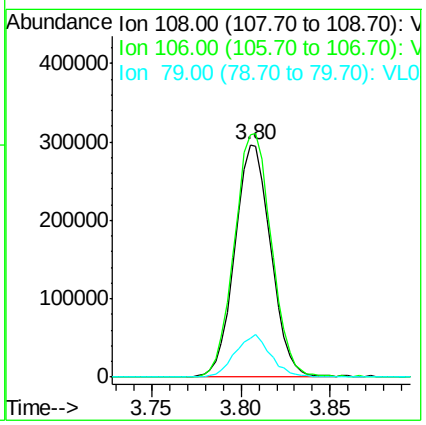


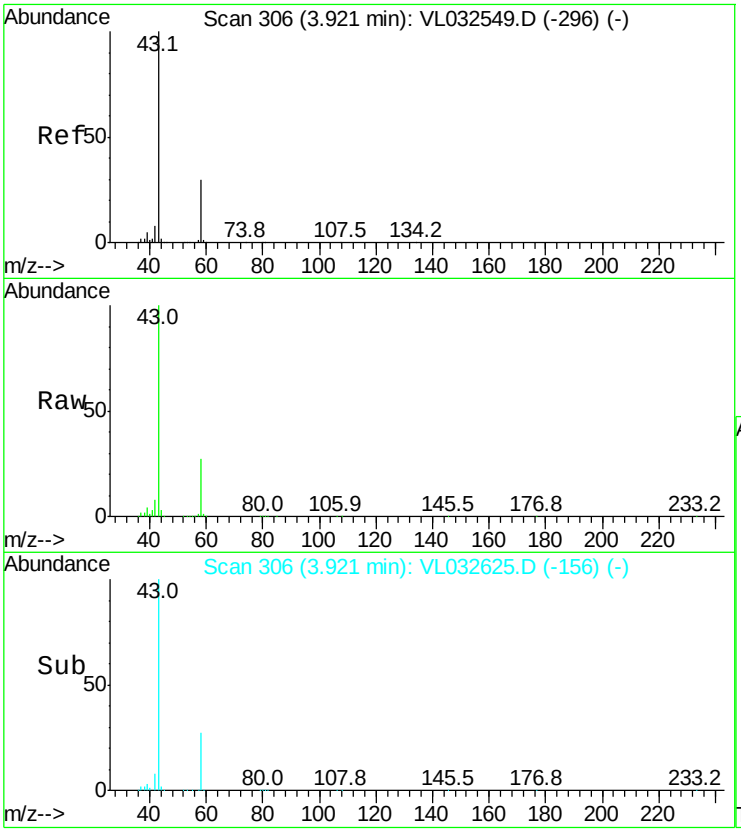




#14
Bromoethene
Concen: 10.134 ppbv
RT: 3.80 min Scan# 270
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion:108 Resp: 417336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 108 | 100 | | |
| 106 | 108.6 | 85.5 | 128.3 |
| 79 | 18.5 | 13.0 | 19.6 |



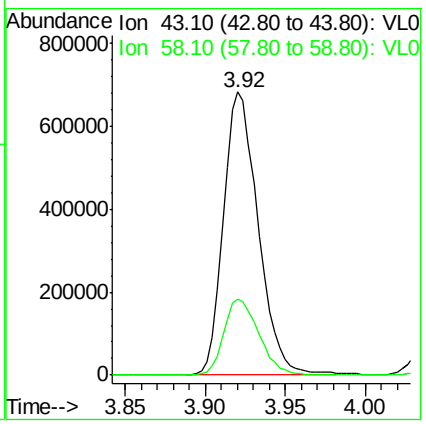


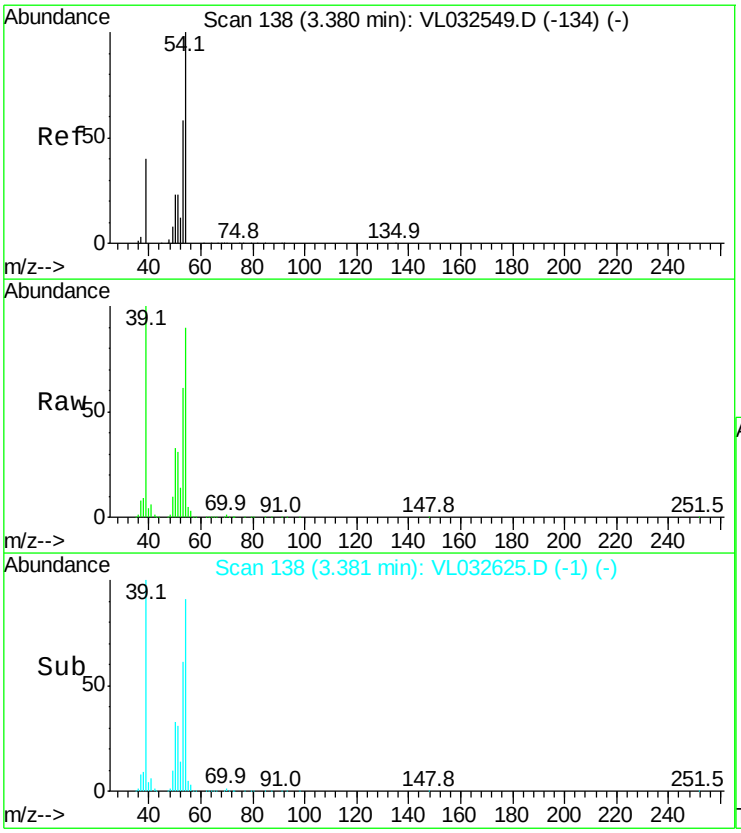

#15
Acetone
Concen: 8.875 ppbv
RT: 3.92 min Scan# 306
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 43 Resp: 1005973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.4 | 22.6 | 33.8 |

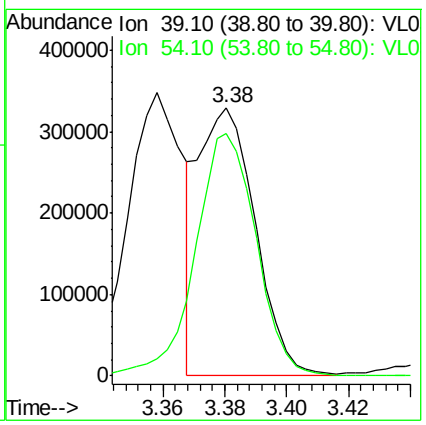


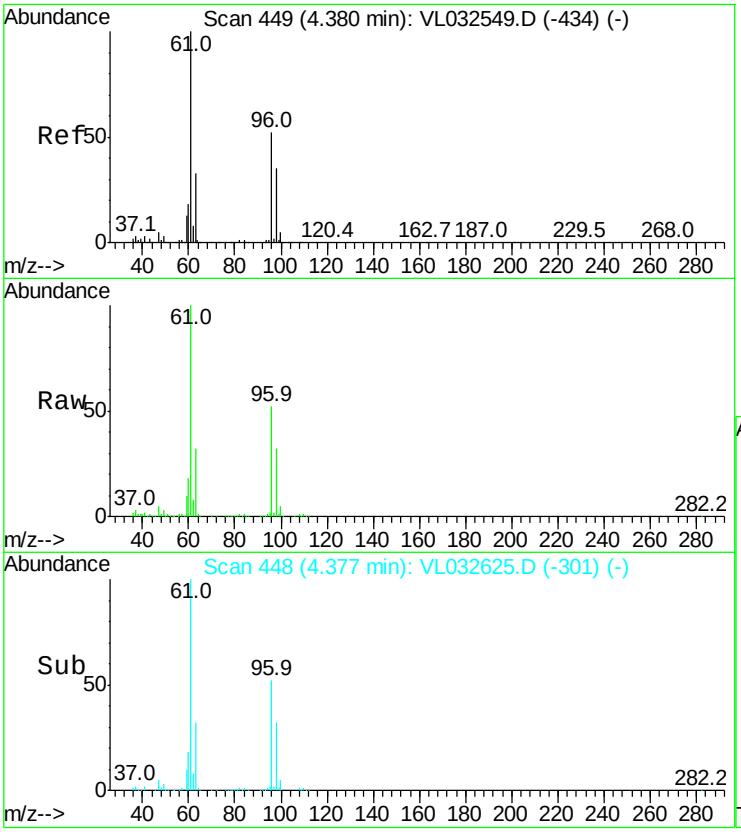




#16
1,3-Butadiene
Concen: 9.055 ppbv
RT: 3.38 min Scan# 138
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 39 Resp: 416241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 98.7 | 80.8 | 121.2 |



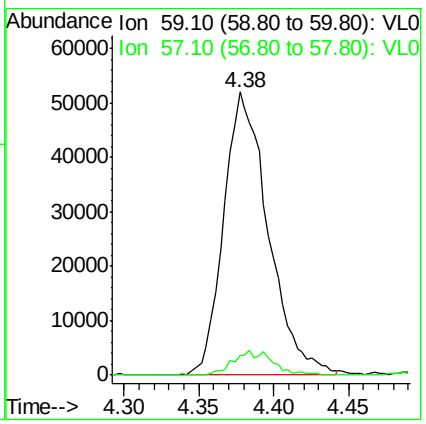


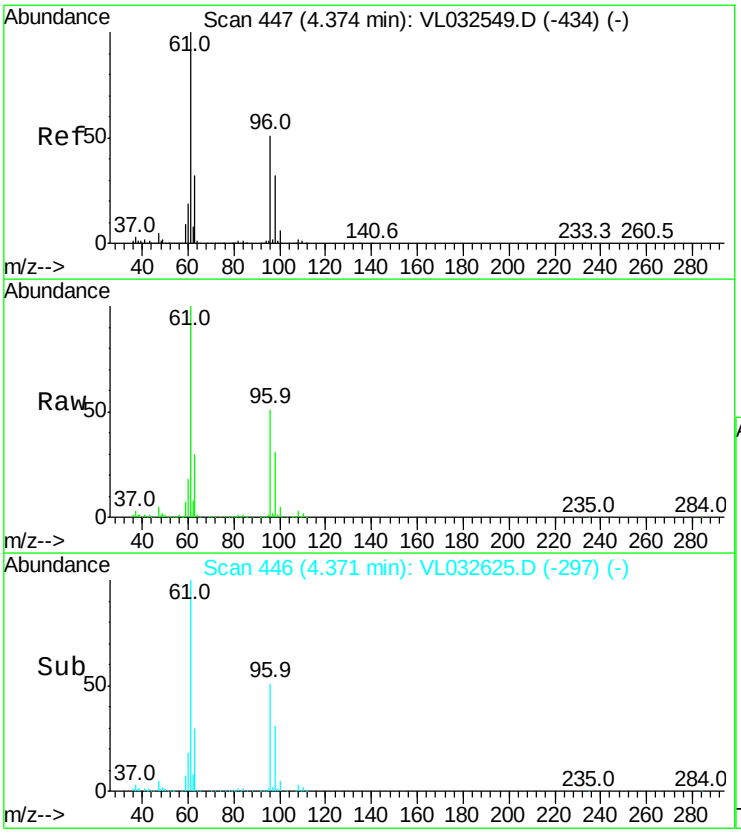

#17
tert-Butyl alcohol
Concen: 7.575 ppbv
RT: 4.38 min Scan# 448
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 59 Resp: 107895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 7.7 | 0.0 | 0.0# |

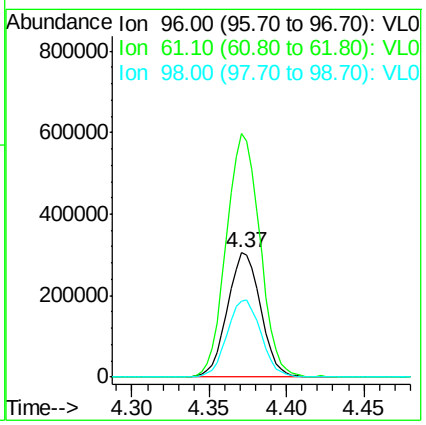


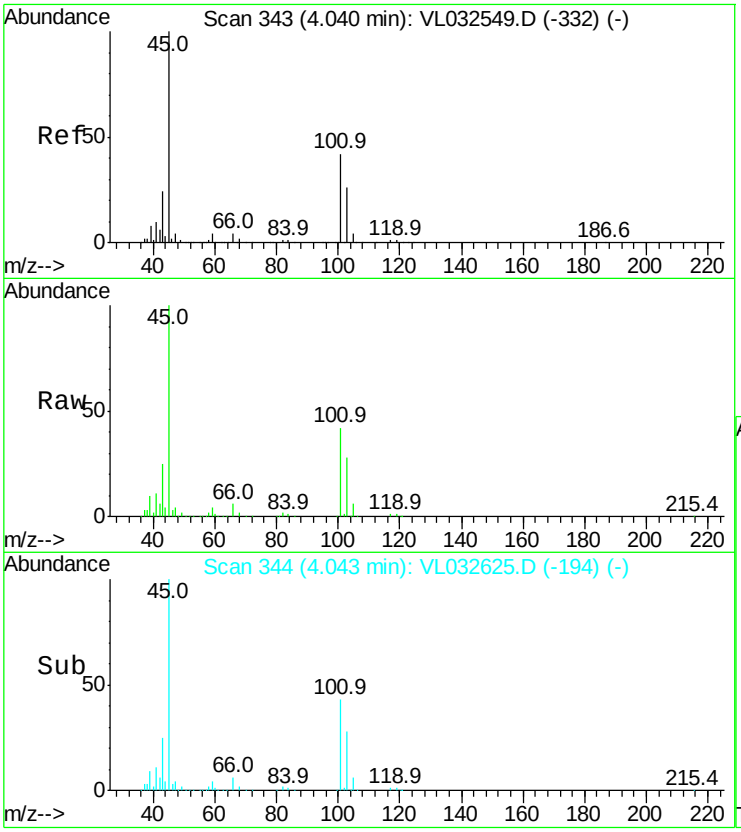




#18
1,1-Dichloroethene
Concen: 8.362 ppbv
RT: 4.37 min Scan# 446
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 96 Resp: 454524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 196.1 | 159.2 | 238.8 |
| 98 | 60.9 | 51.0 | 76.4 |



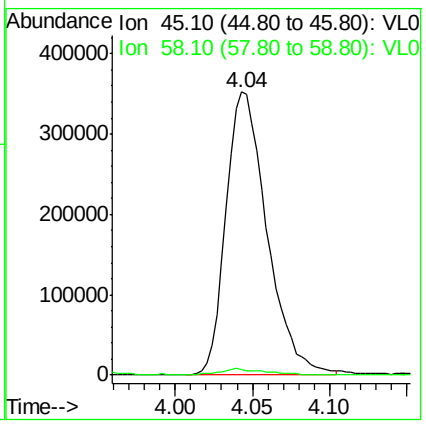


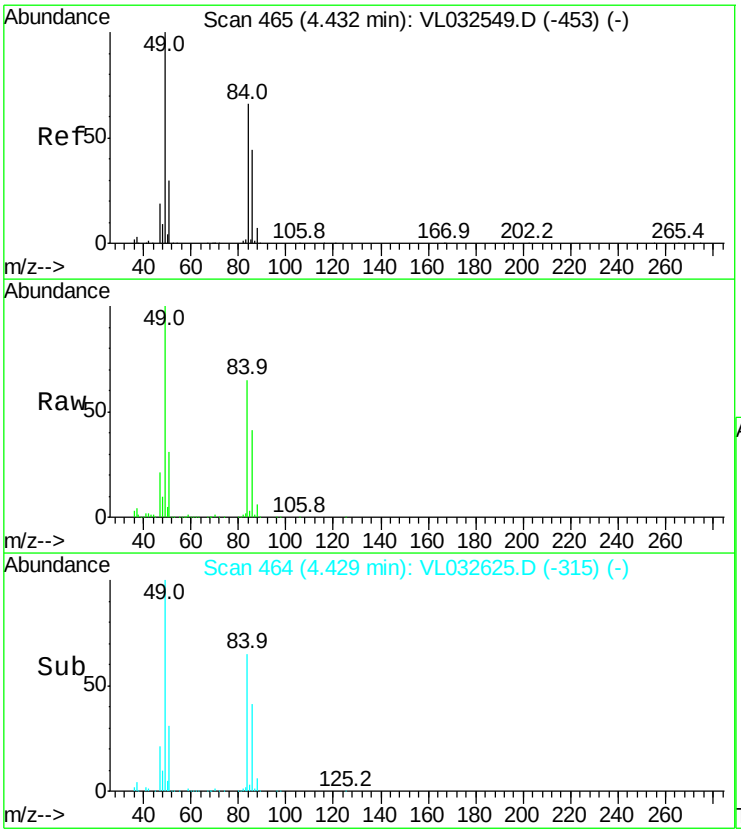

#19
Isopropyl Alcohol
Concen: 8.199 ppbv
RT: 4.04 min Scan# 344
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 45 Resp: 647326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 2.5 | 2.0 | 3.0 |

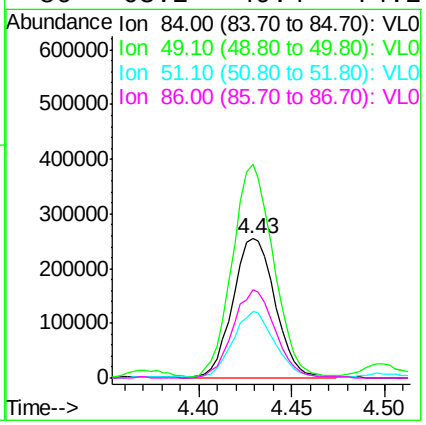


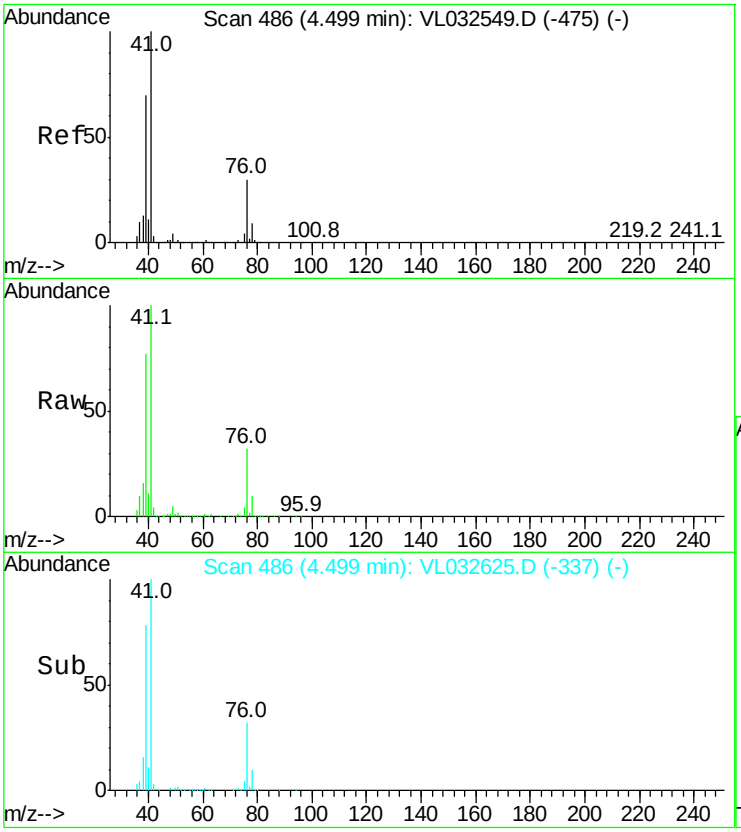




#20
Methylene Chloride
Concen: 7.317 ppbv
RT: 4.43 min Scan# 464
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 84 Resp: 401607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 152.5 | 119.1 | 178.7 |
| 51 | 46.9 | 35.2 | 52.8 |
| 86 | 63.2 | 49.4 | 74.2 |



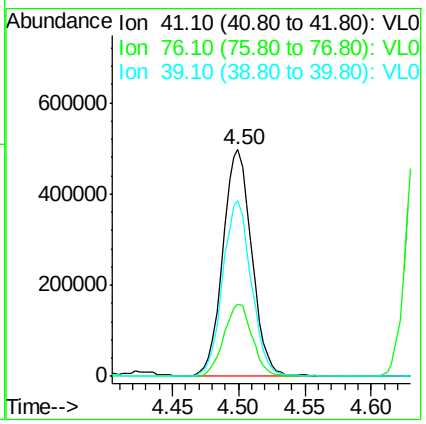


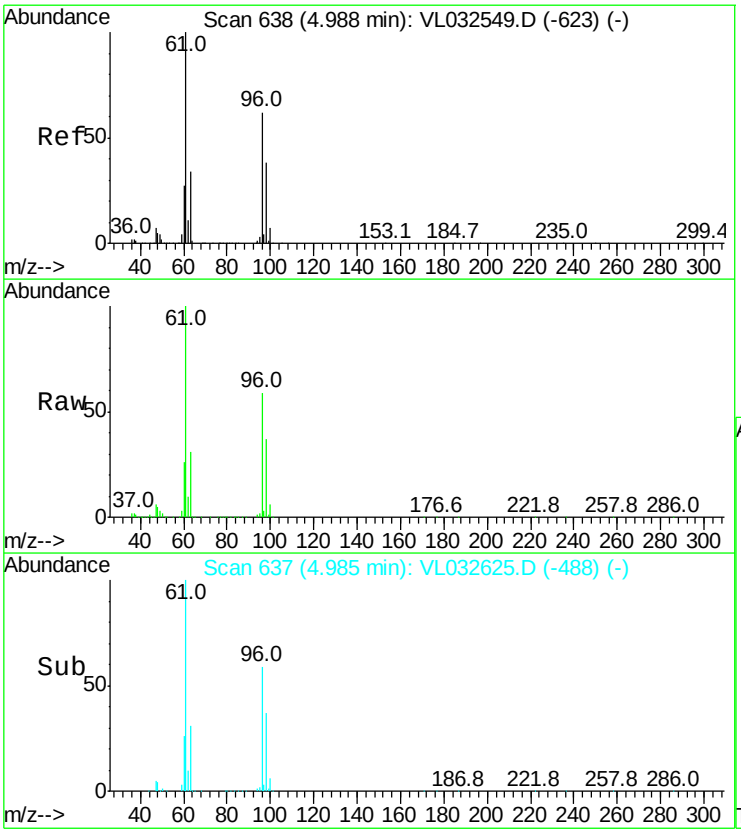

#21
Allyl Chloride
Concen: 8.093 ppbv
RT: 4.50 min Scan# 486
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 41 Resp: 749762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 76 | 31.4 | 23.6 | 35.4 |
| 39 | 77.2 | 57.7 | 86.5 |

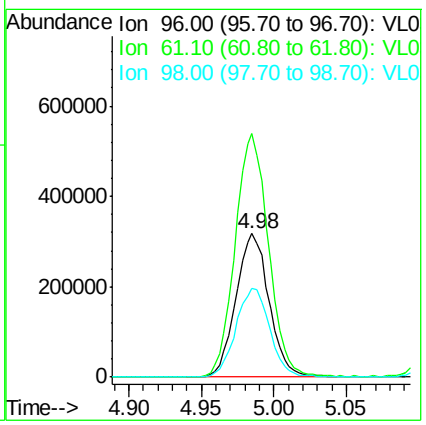


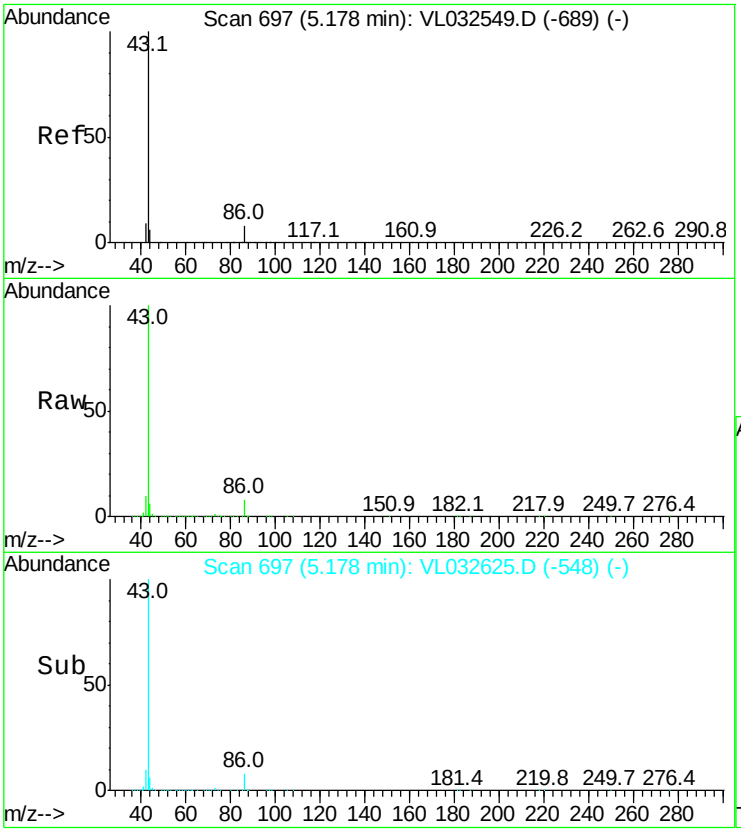




#22
trans-1,2-Dichloroethene
Concen: 9.829 ppbv
RT: 4.98 min Scan# 637
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 96 Resp: 503494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 170.0 | 136.2 | 204.4 |
| 98 | 62.1 | 50.4 | 75.6 |



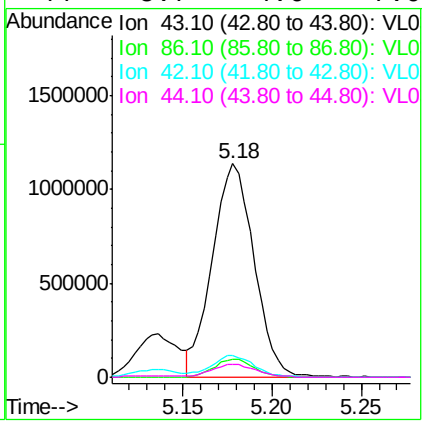


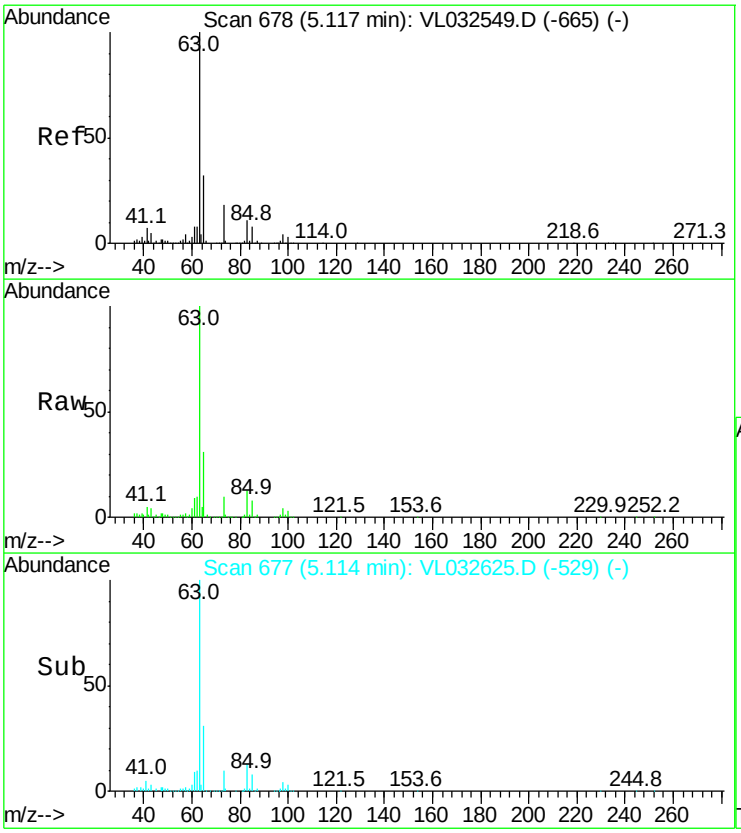

#23
Vinyl Acetate
Concen: 9.180 ppbv
RT: 5.18 min Scan# 697
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 43 Resp: 1838700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 8.4 | 5.9 | 8.9 |
| 42 | 10.4 | 6.9 | 10.3# |
| 44 | 5.7 | 4.6 | 7.0 |

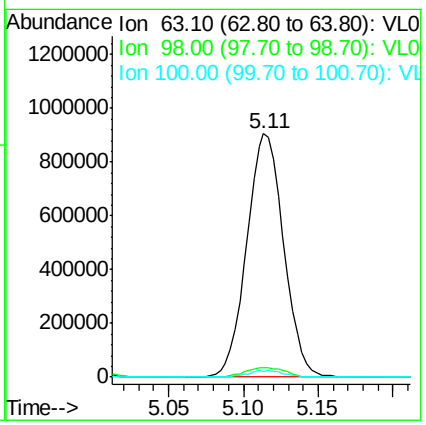


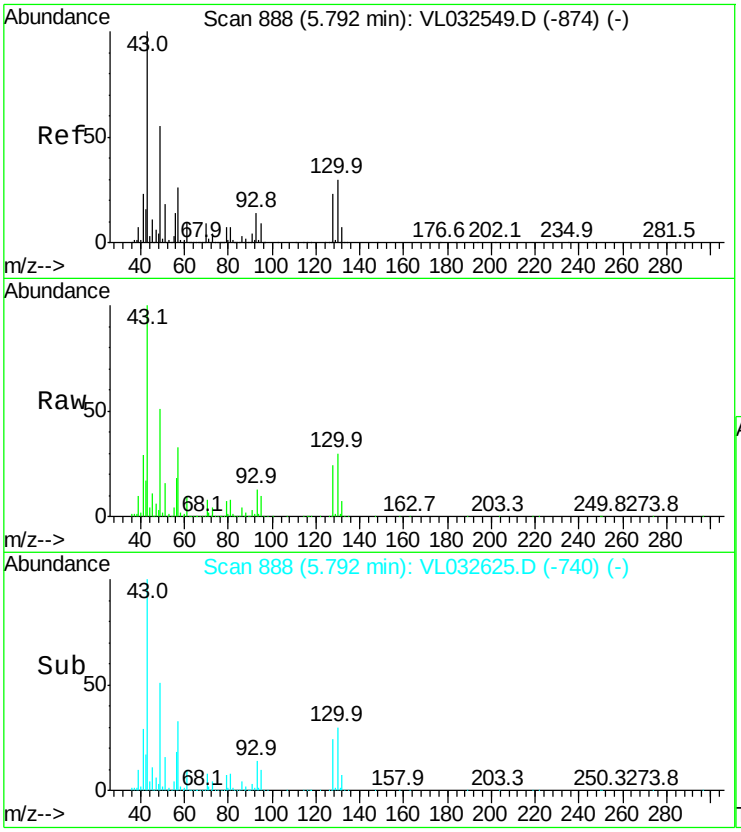




#24
1,1-Dichloroethane
Concen: 9.276 ppbv
RT: 5.11 min Scan# 677
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 63 Resp: 1547081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 3.9 | 2.1 | 6.5 |
| 100 | 2.5 | 1.5 | 4.4 |



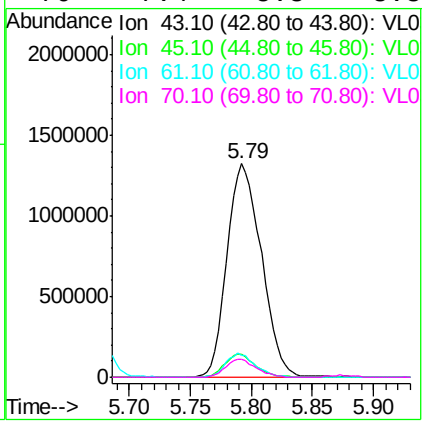


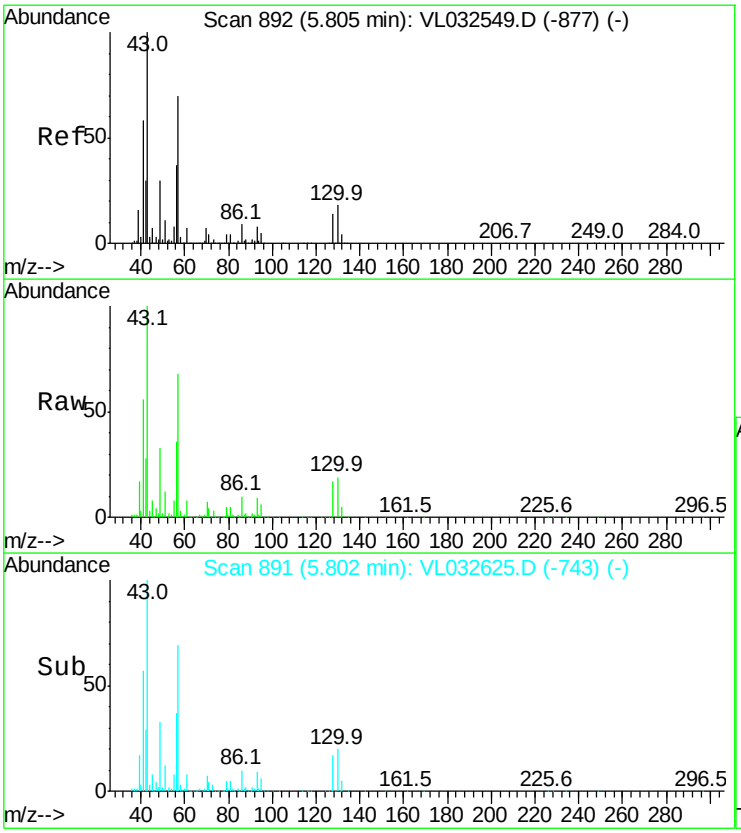

#25
Ethyl Acetate
Concen: 9.423 ppbv
RT: 5.79 min Scan# 888
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 43 Resp: 2591702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 9.9 | 8.0 | 12.0 |
| 61 | 9.8 | 7.6 | 11.4 |
| 70 | 7.4 | 5.8 | 8.8 |

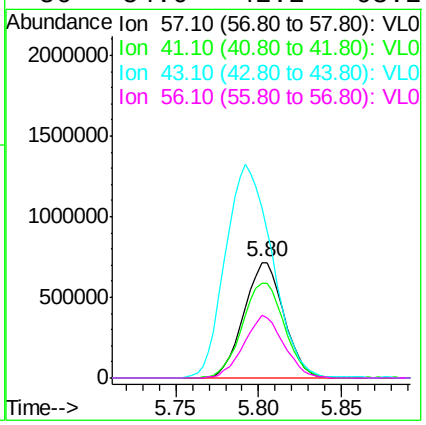


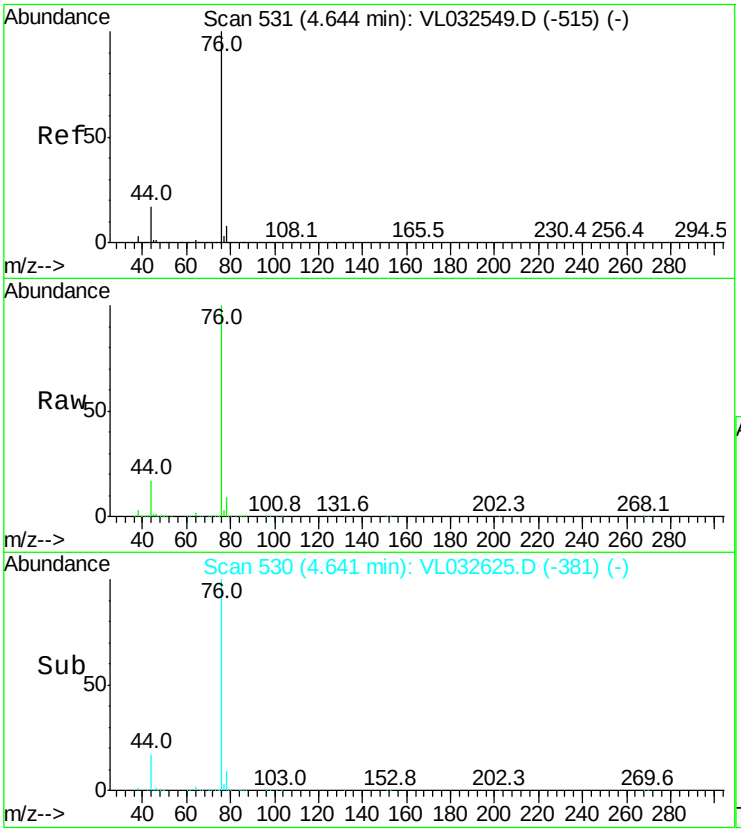




#26
Hexane
Concen: 9.683 ppbv
RT: 5.80 min Scan# 891
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 57 Resp: 1202962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 86.9 | 69.0 | 103.4 |
| 43 | 216.1 | 172.1 | 258.1 |
| 56 | 54.0 | 42.2 | 63.2 |



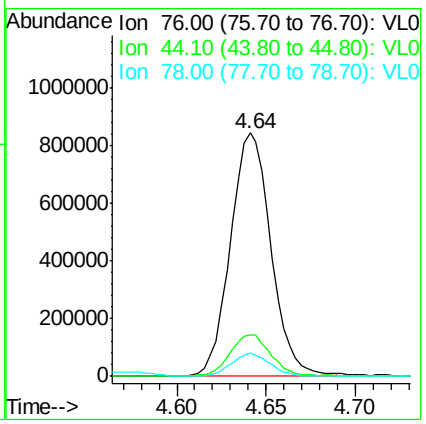


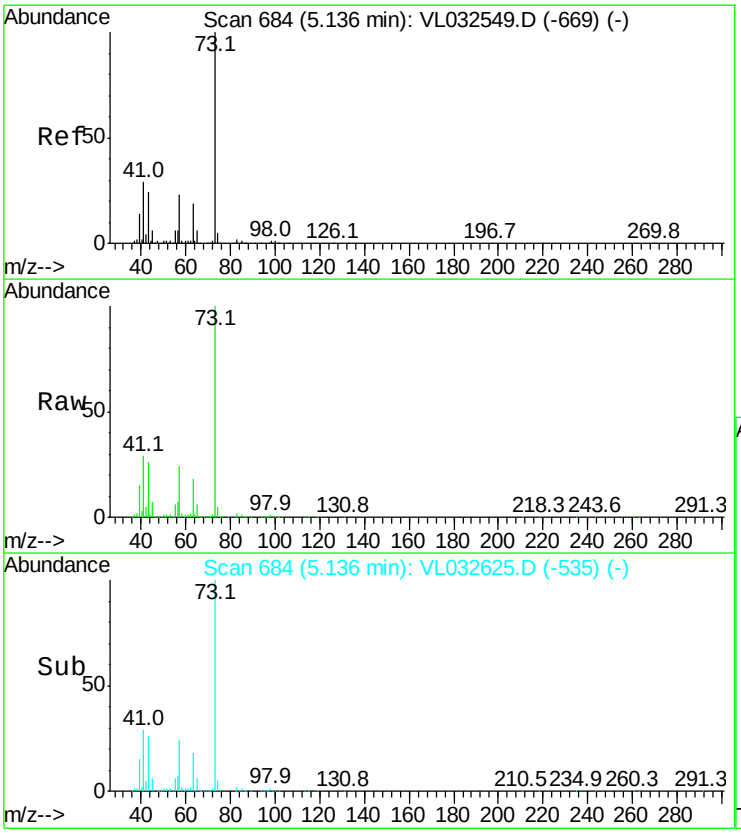

#27
Carbon Disulfide
Concen: 10.023 ppbv
RT: 4.64 min Scan# 530
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 76 Resp: 1338617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 44 | 17.3 | 14.0 | 21.0 |
| 78 | 9.1 | 7.5 | 11.3 |

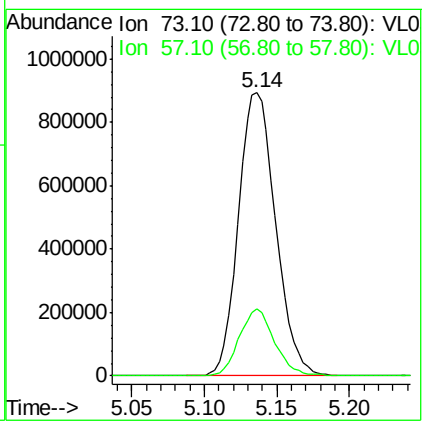


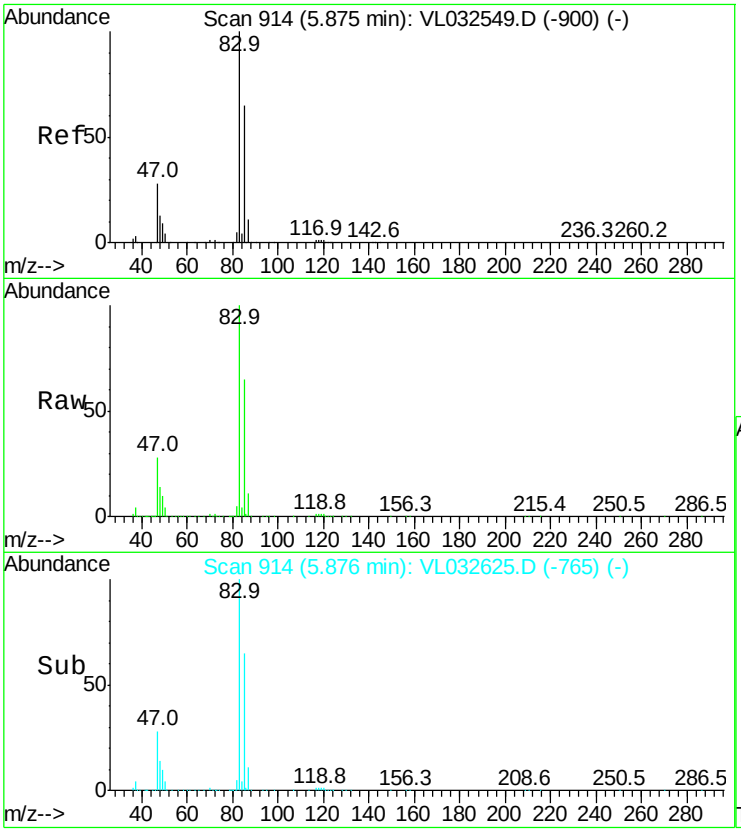




#28
Methyl tert-Butyl Ether
Concen: 10.307 ppbv
RT: 5.14 min Scan# 684
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 73 Resp: 1595015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.5 | 19.3 | 28.9 |



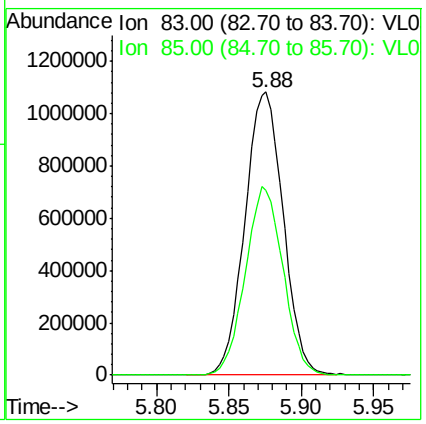


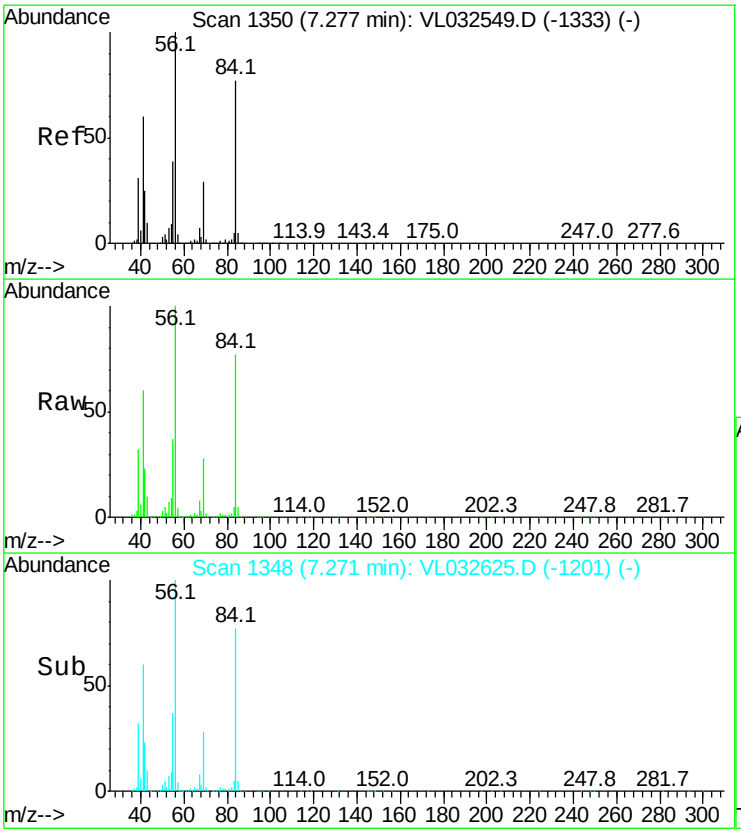

#29
Chloroform
Concen: 10.445 ppbv
RT: 5.88 min Scan# 914
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 83 Resp: 1990968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.0 | 52.5 | 78.7 |

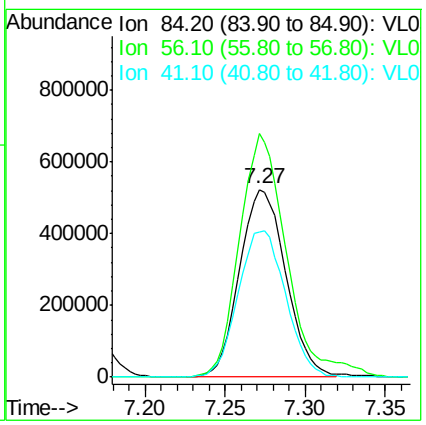


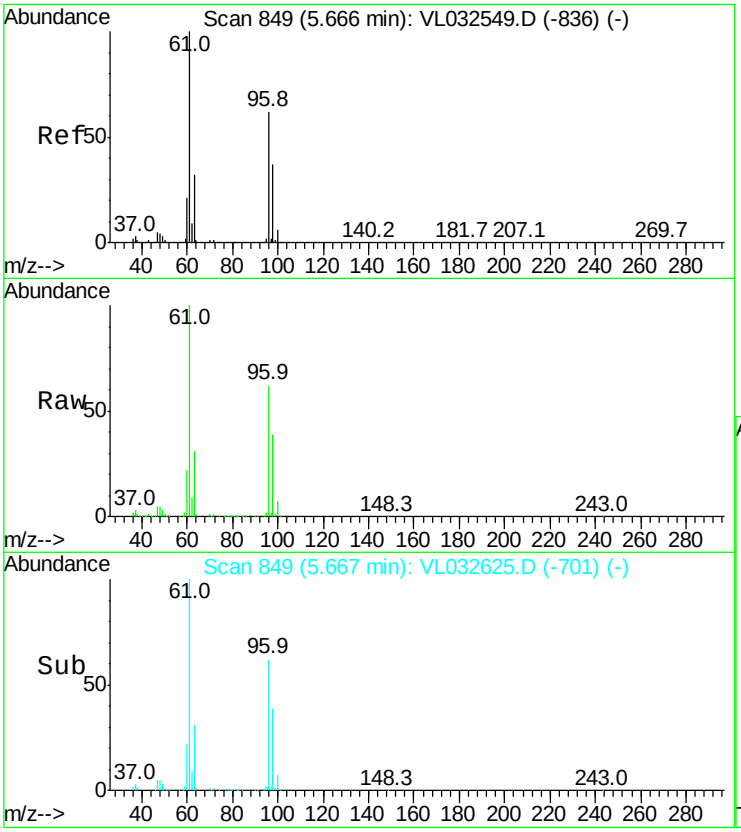




#30
Cyclohexane
Concen: 10.232 ppbv
RT: 7.27 min Scan# 1348
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 84 Resp: 1035001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 132.9 | 113.5 | 170.3 |
| 41 | 80.4 | 68.1 | 102.1 |



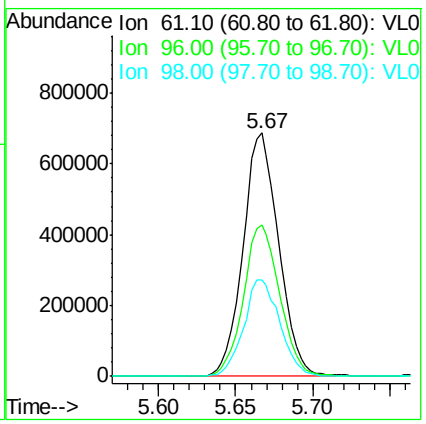


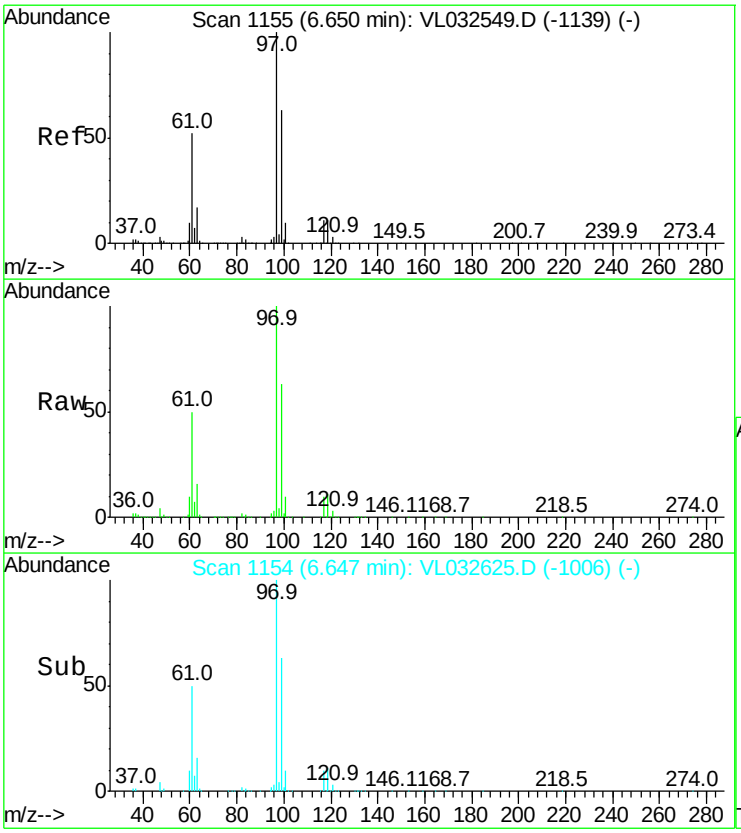

#31
cis-1,2-Dichloroethene
Concen: 9.323 ppbv
RT: 5.67 min Scan# 849
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 61 Resp: 1103141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 61 | 100 | | |
| 96 | 62.1 | 49.2 | 73.8 |
| 98 | 39.4 | 30.7 | 46.1 |

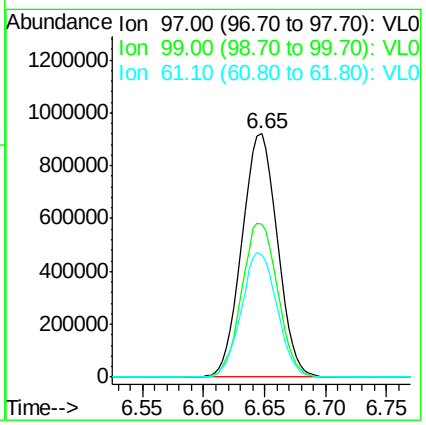


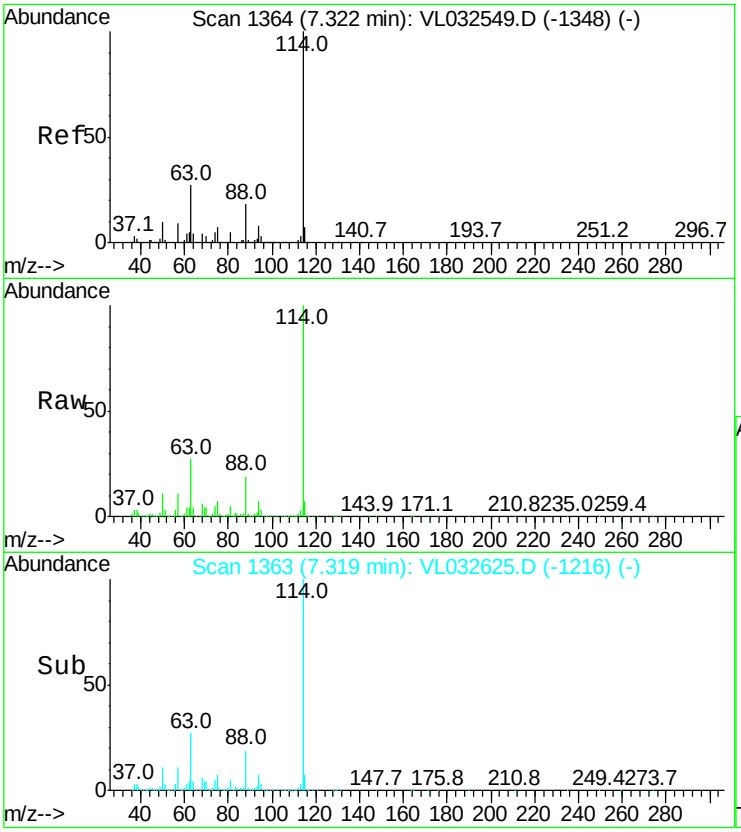




#32
1,1,1-Trichloroethane
Concen: 9.124 ppbv
RT: 6.65 min Scan# 1154
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 97 Resp: 1853379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.9 | 52.1 | 78.1 |
| 61 | 51.4 | 42.5 | 63.7 |



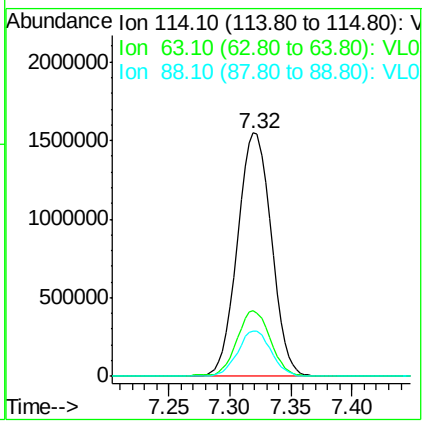


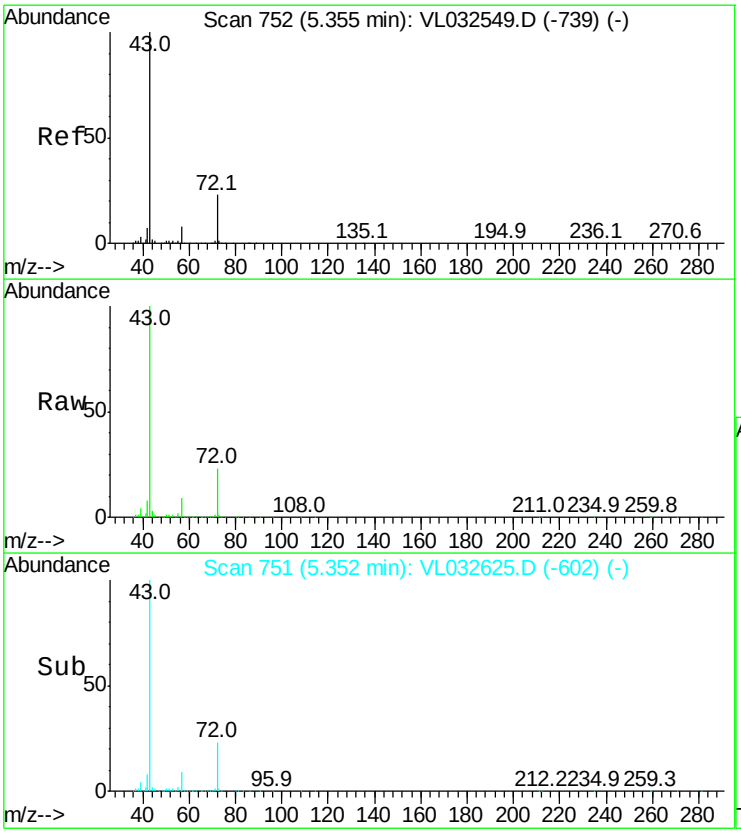

#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion:114 Resp: 2970332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 27.2 | 22.2 | 33.4 |
| 88 | 18.3 | 15.0 | 22.4 |

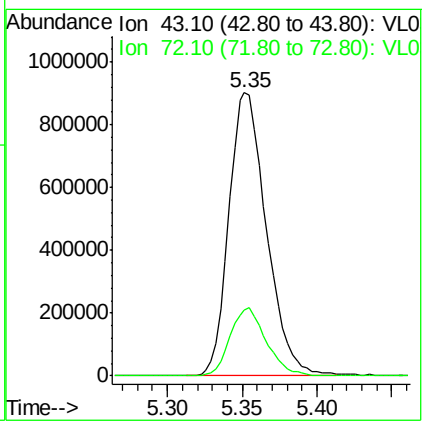


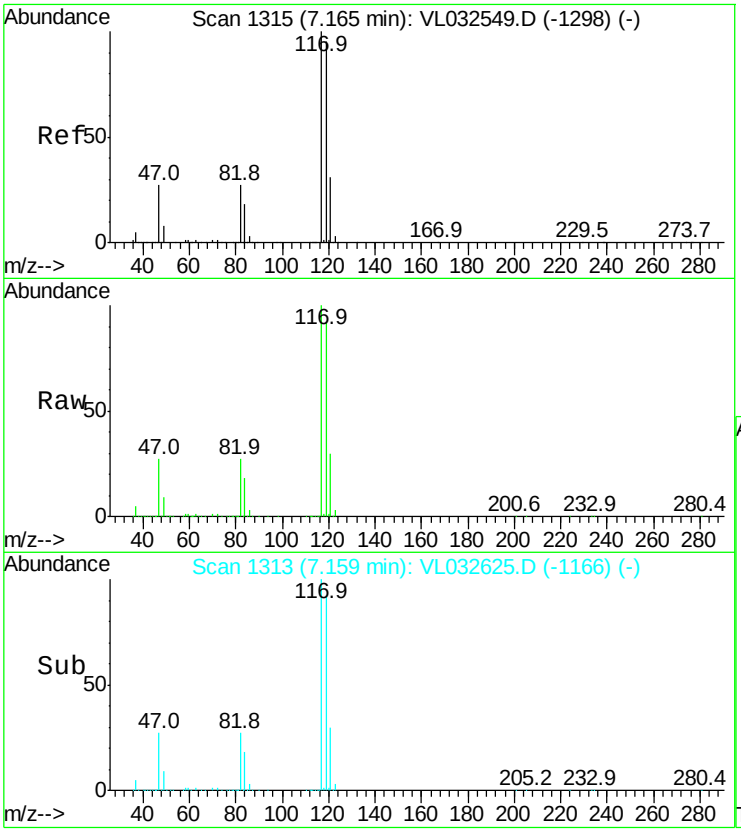




#34
2-Butanone
Concen: 8.866 ppbv
RT: 5.35 min Scan# 751
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 43 Resp: 1568256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 23.3 | 17.8 | 26.6 |



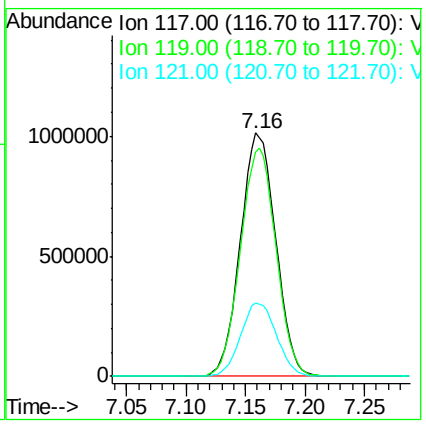


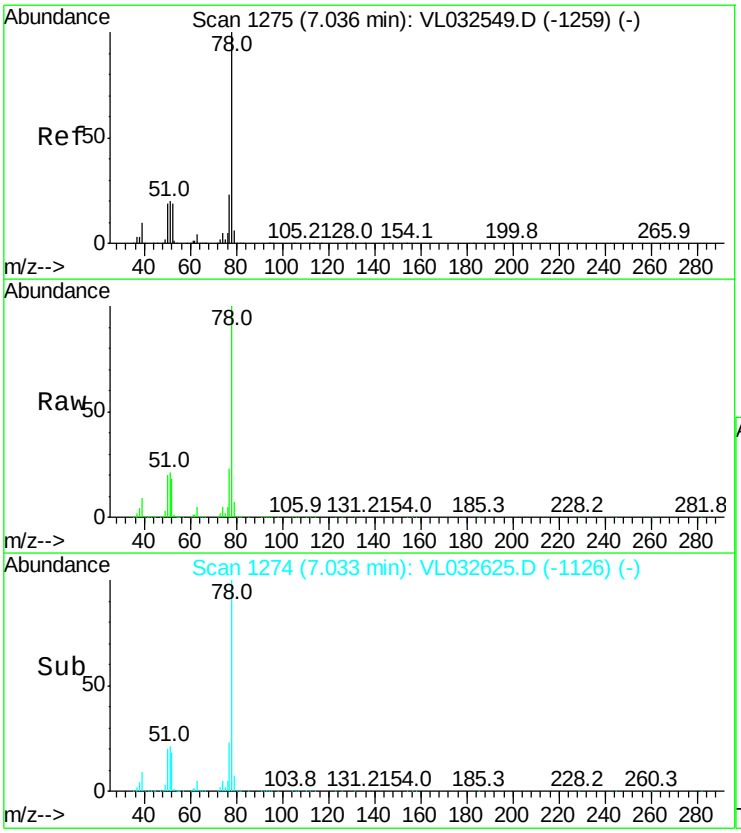

#35
Carbon Tetrachloride
Concen: 10.097 ppbv
RT: 7.16 min Scan# 1313
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion:117 Resp: 2084079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 92.2 | 76.6 | 115.0 |
| 121 | 30.2 | 24.6 | 36.8 |

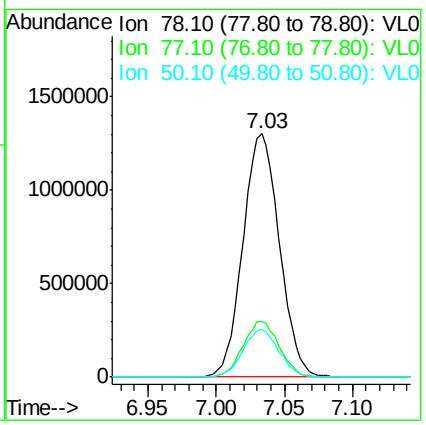


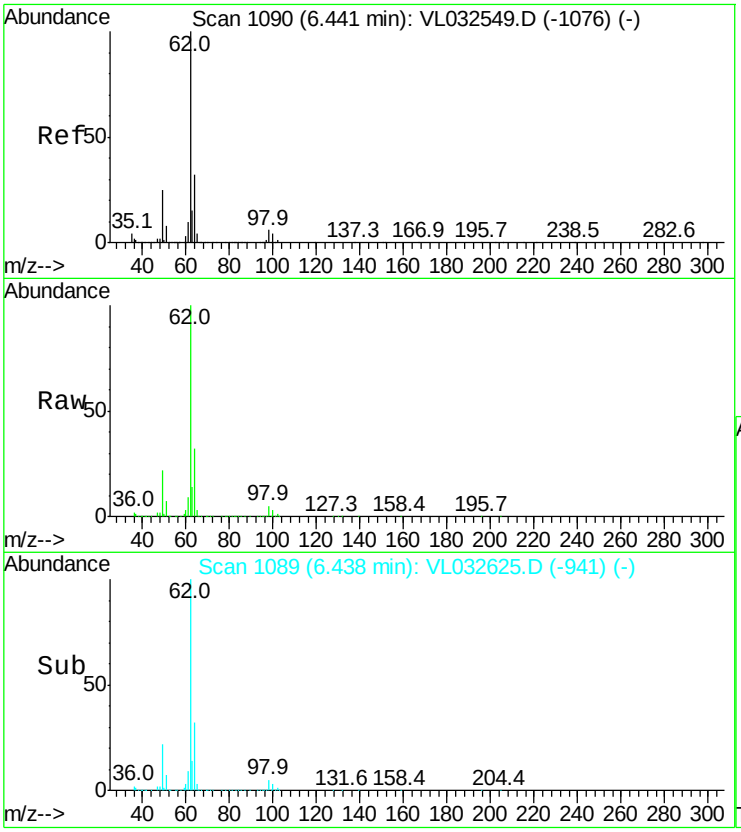




#36
Benzene
Concen: 10.083 ppbv
RT: 7.03 min Scan# 1274
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 78 Resp: 2420324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.0 | 18.4 | 27.6 |
| 50 | 19.7 | 14.4 | 21.6 |



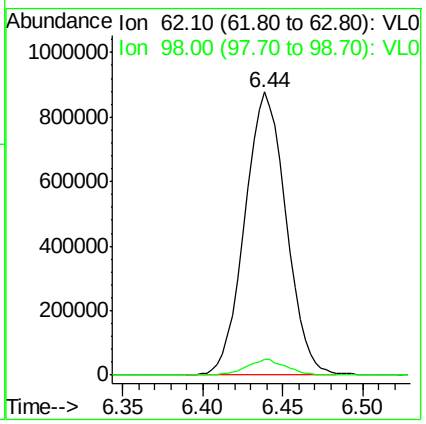


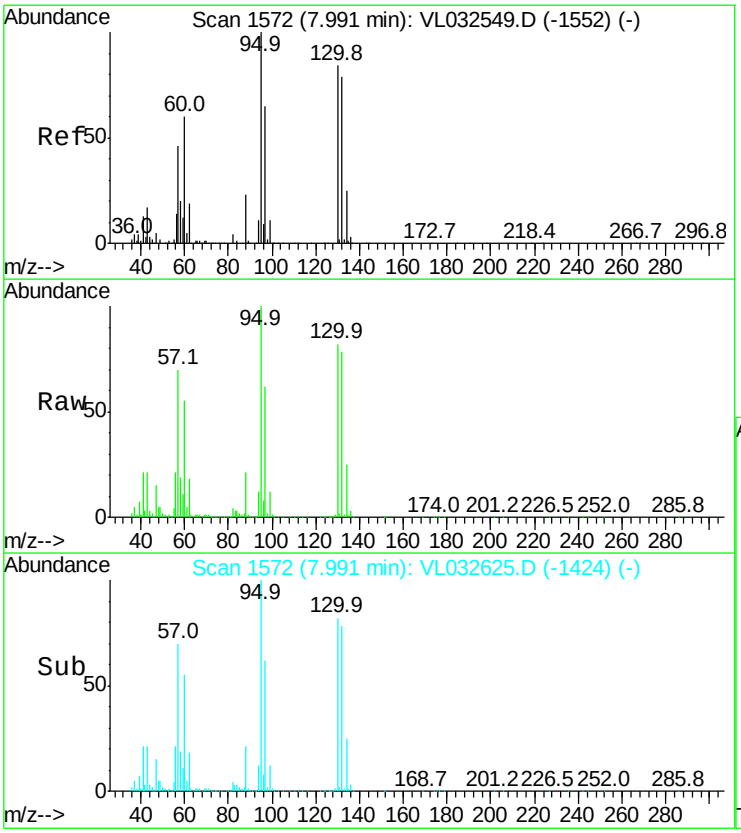

#37
1,2-Dichloroethane
Concen: 10.750 ppbv
RT: 6.44 min Scan# 1089
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 62 Resp: 1555155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 5.4 | 5.0 | 7.6 |

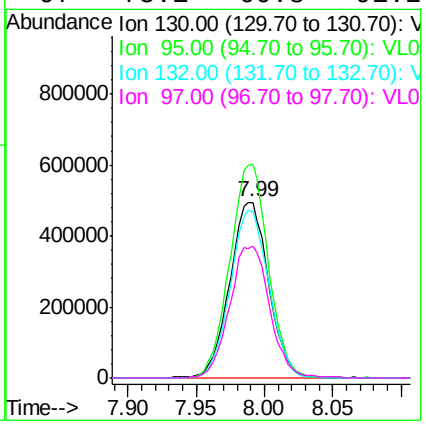


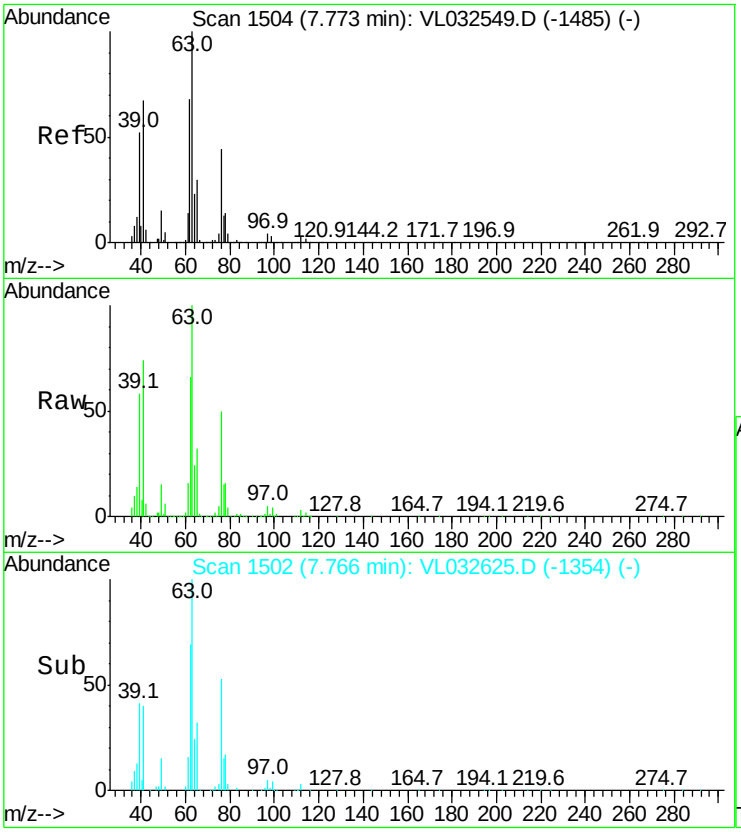




#38
Trichloroethene
Concen: 10.551 ppbv
RT: 7.99 min Scan# 1572
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion:130 Resp: 969426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 121.5 | 94.2 | 141.4 |
| 132 | 94.4 | 76.2 | 114.4 |
| 97 | 75.1 | 60.8 | 91.2 |



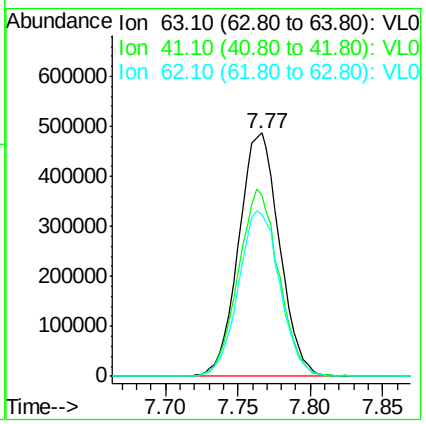


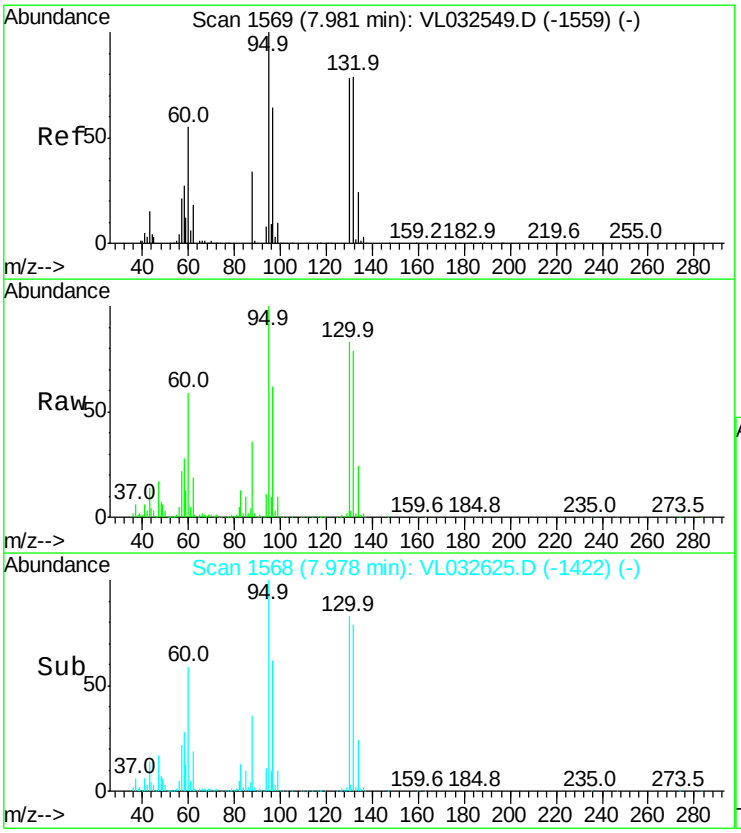

#39
1,2-Dichloropropane
Concen: 8.812 ppbv
RT: 7.77 min Scan# 1502
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 63 Resp: 953241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 74.3 | 55.4 | 83.0 |
| 62 | 66.1 | 55.4 | 83.0 |

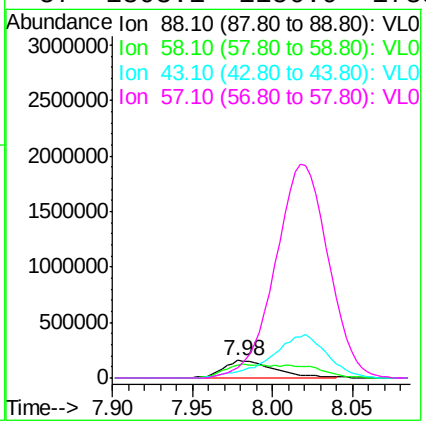


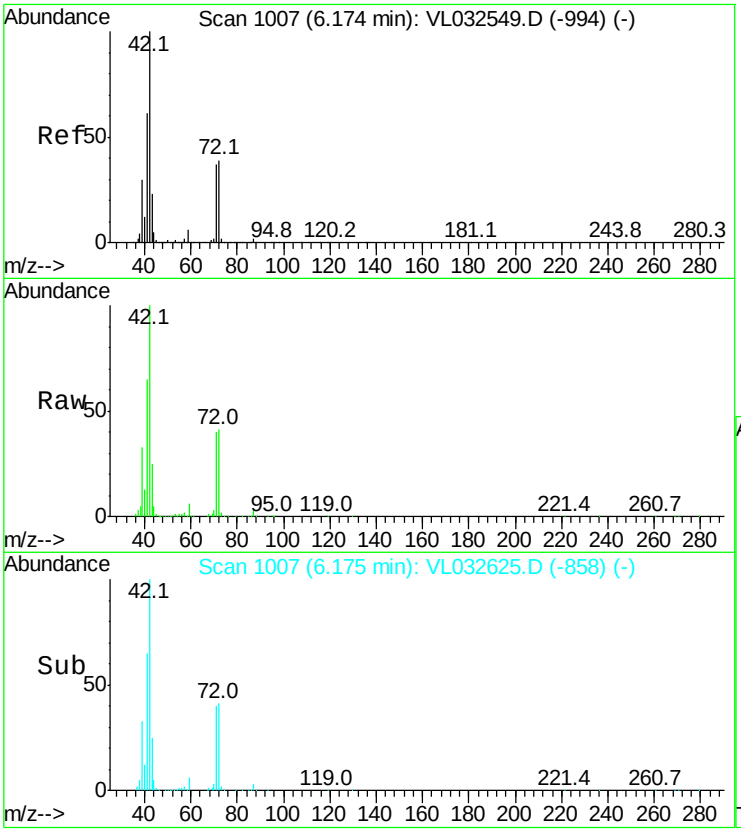




#40
1,4-Dioxane
Concen: 10.334 ppbv
RT: 7.98 min Scan# 1568
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 88 Resp: 342759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 138.1 | 119.7 | 179.5 |
| 43 | 282.7 | 253.0 | 379.4 |
| 57 | 1303.1 | 1156.9 | 1735.3 |



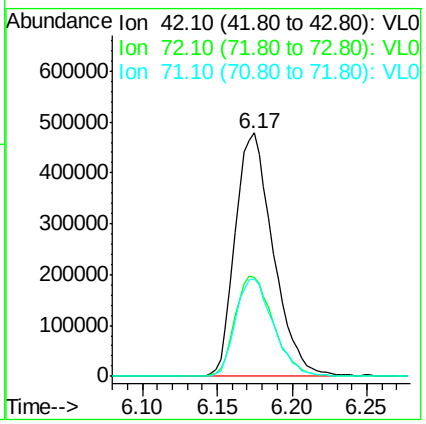


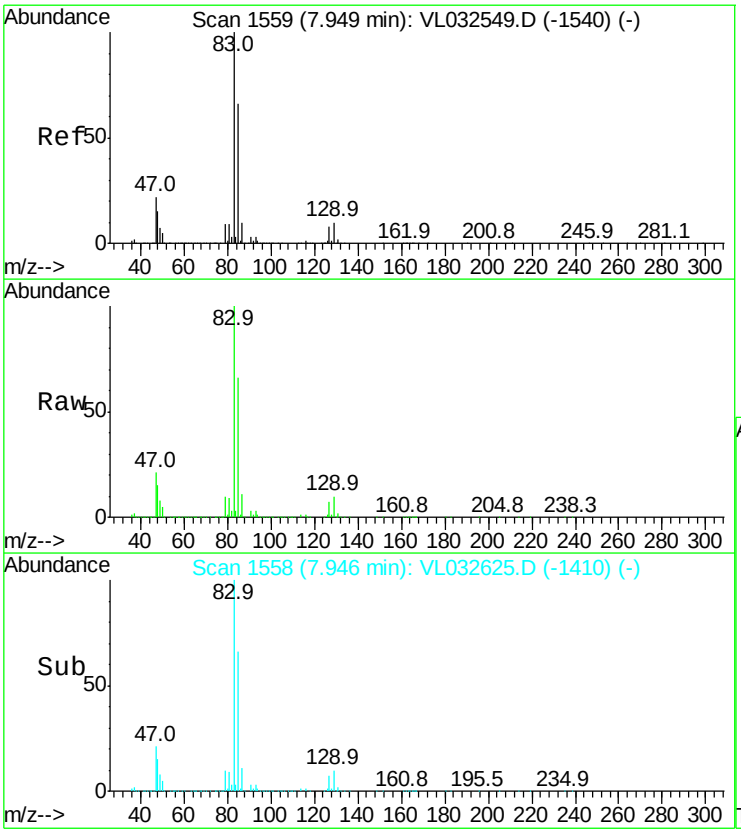

#41
Tetrahydrofuran
Concen: 8.815 ppbv
RT: 6.17 min Scan# 1007
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 42 Resp: 847070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 41.7 | 29.5 | 44.3 |
| 71 | 40.2 | 28.3 | 42.5 |

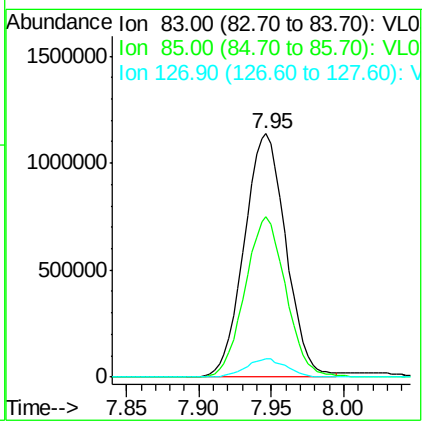


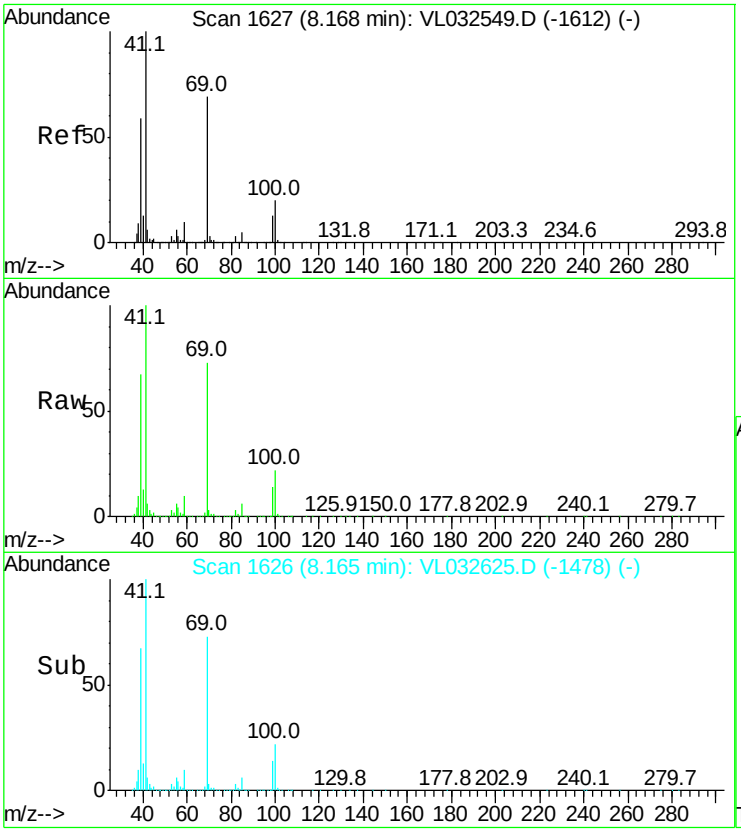




#42
Bromodichloromethane
Concen: 10.512 ppbv
RT: 7.95 min Scan# 1558
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 83 Resp: 2278427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.1 | 51.1 | 76.7 |
| 127 | 7.5 | 5.8 | 8.8 |



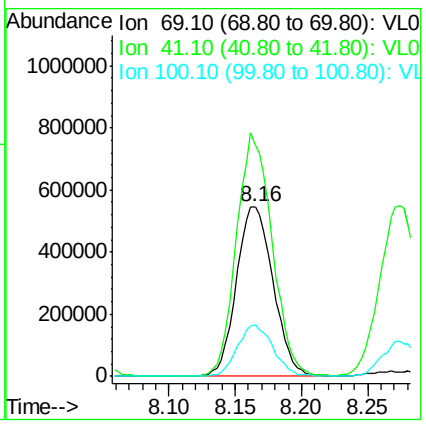


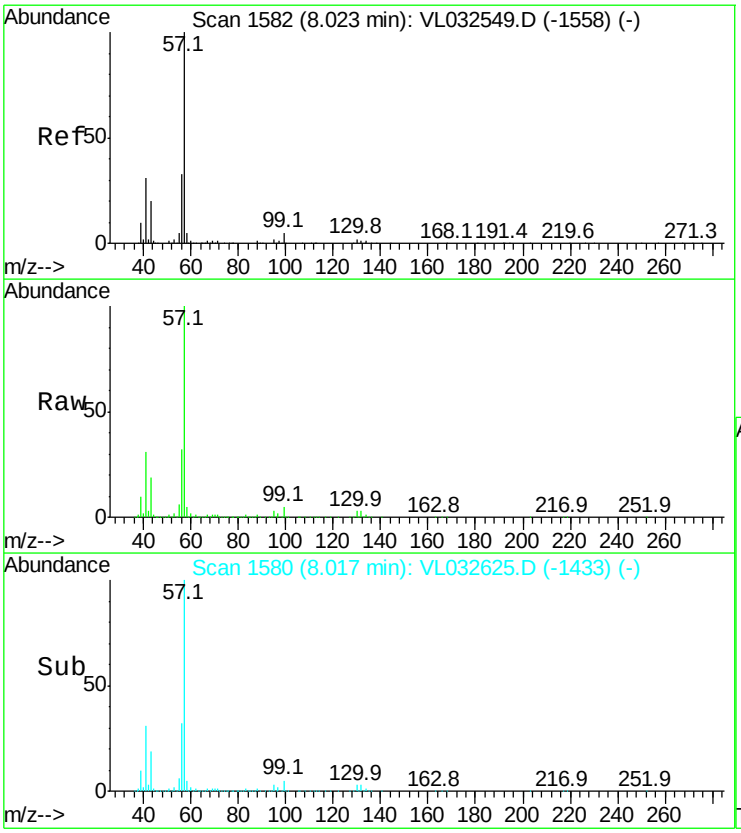

#43
Methyl Methacrylate
Concen: 10.480 ppbv
RT: 8.16 min Scan# 1626
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 69 Resp: 1050941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 139.3 | 117.1 | 175.7 |
| 100 | 29.7 | 23.4 | 35.2 |

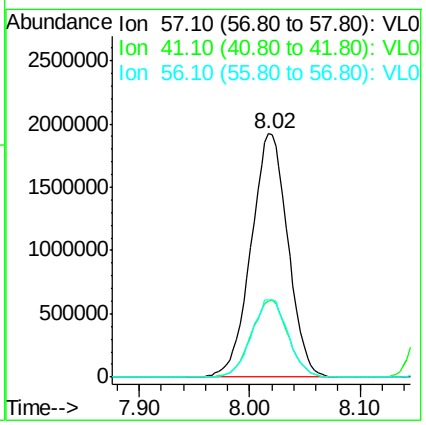


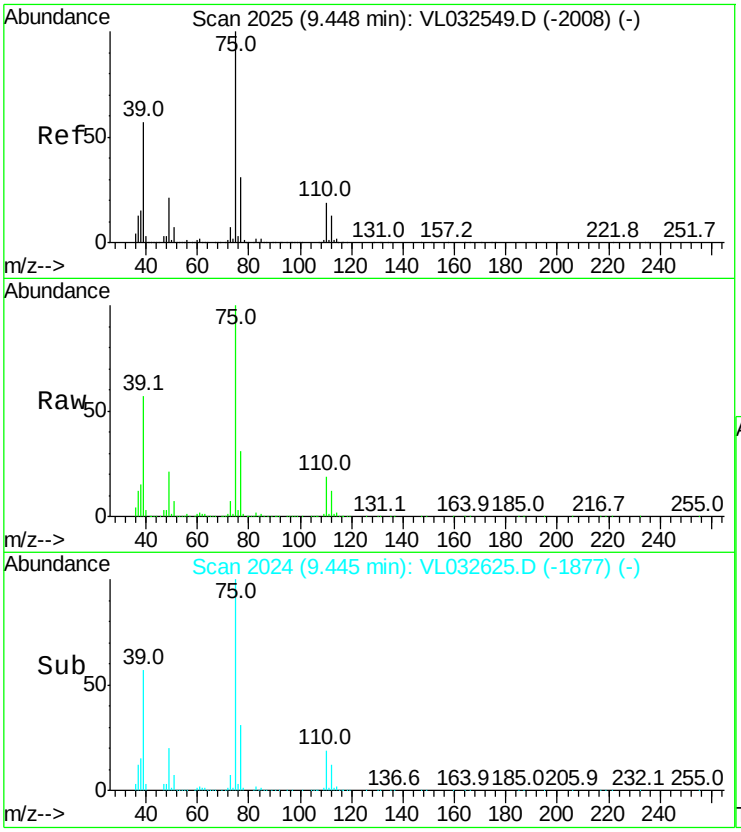




#44
2,2,4-Trimethylpentane
Concen: 9.503 ppbv
RT: 8.02 min Scan# 1580
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 57 Resp: 4457980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 31.6 | 24.4 | 36.6 |
| 56 | 31.6 | 25.7 | 38.5 |



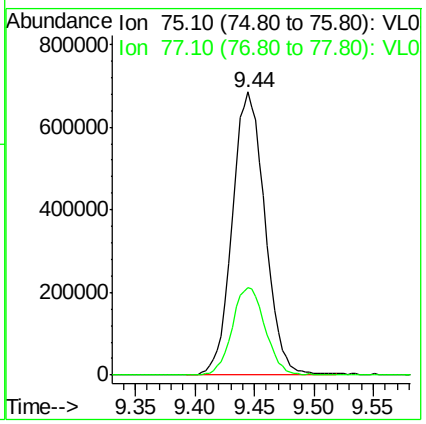


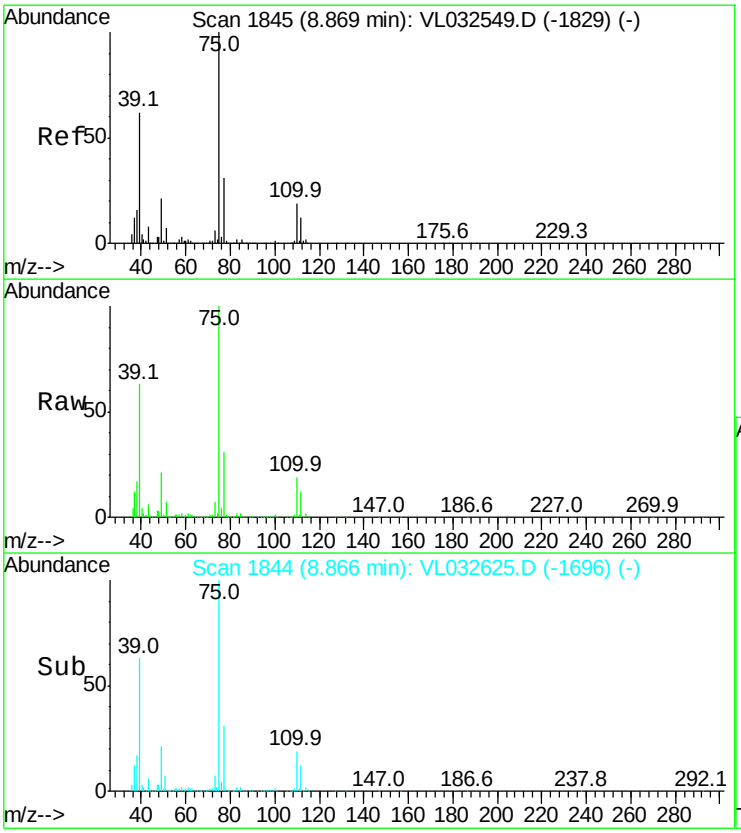

#45
t-1,3-Dichloropropene
Concen: 10.438 ppbv
RT: 9.44 min Scan# 2024
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 75 Resp: 1301981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.8 | 26.2 | 39.2 |

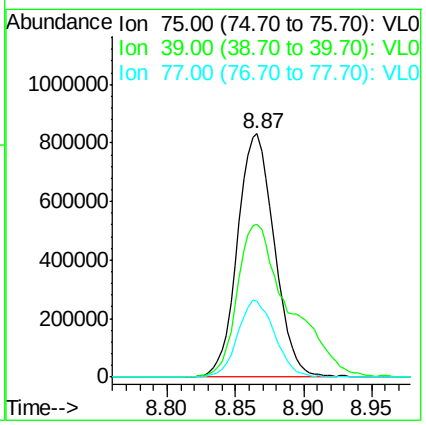


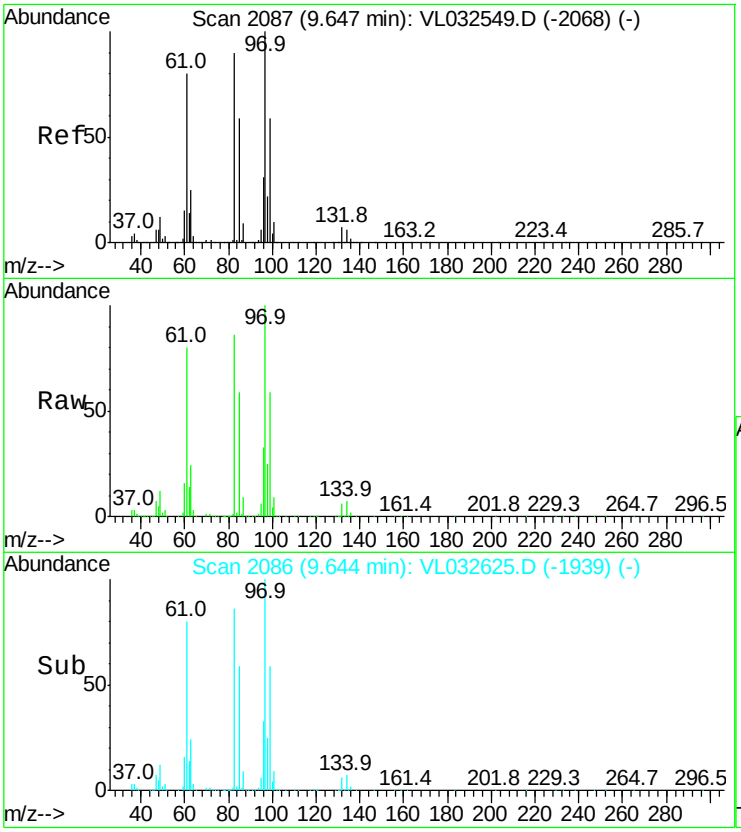




#46
cis-1,3-Dichloropropene
Concen: 10.661 ppbv
RT: 8.87 min Scan# 1844
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 75 Resp: 1559865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 39 | 62.6 | 48.9 | 73.3 |
| 77 | 30.9 | 25.4 | 38.0 |



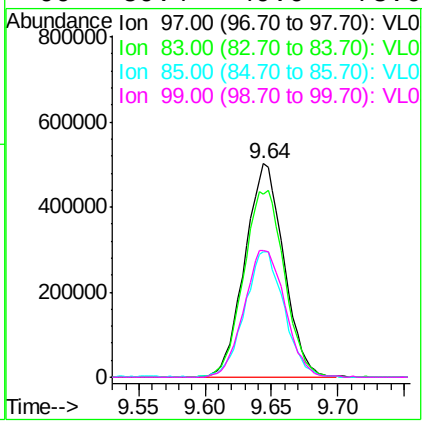


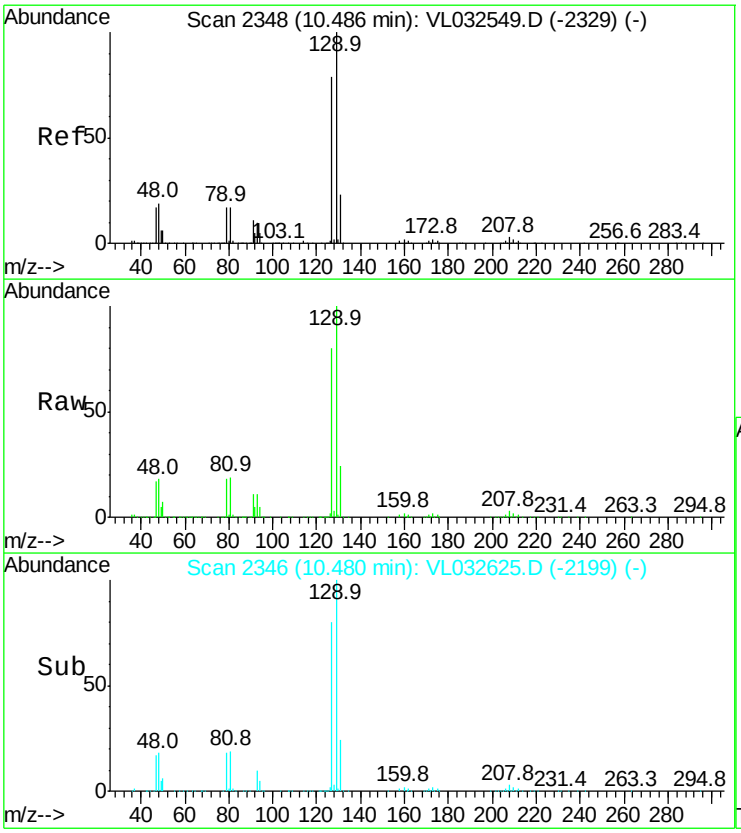

#47
1,1,2-Trichloroethane
Concen: 8.570 ppbv
RT: 9.64 min Scan# 2086
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 97 Resp: 1029697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 86.0 | 75.0 | 112.4 |
| 85 | 58.5 | 47.5 | 71.3 |
| 99 | 59.4 | 49.0 | 73.6 |

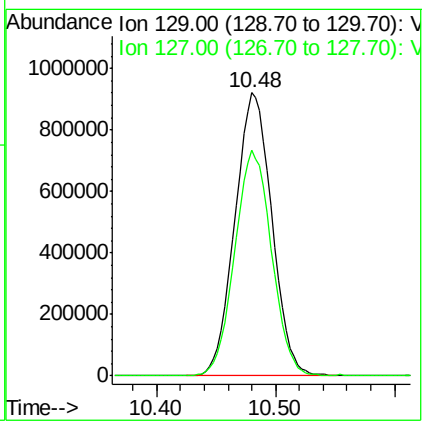


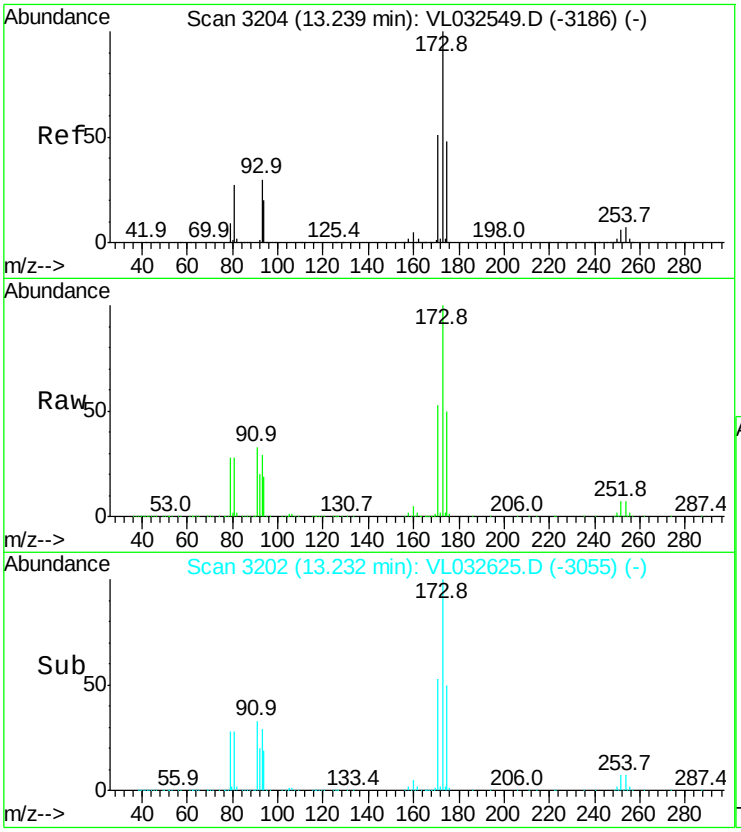




#48
Dibromochloromethane
Concen: 10.470 ppbv
RT: 10.48 min Scan# 2346
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion:129 Resp: 1978070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 79.6 | 39.5 | 118.3 |



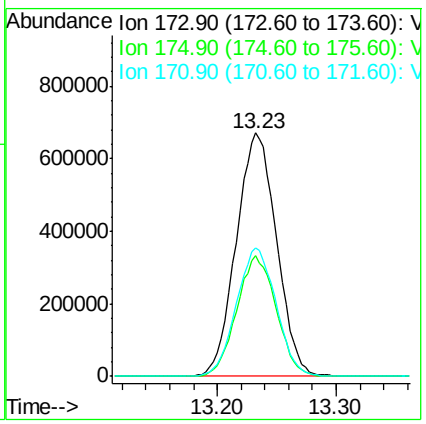


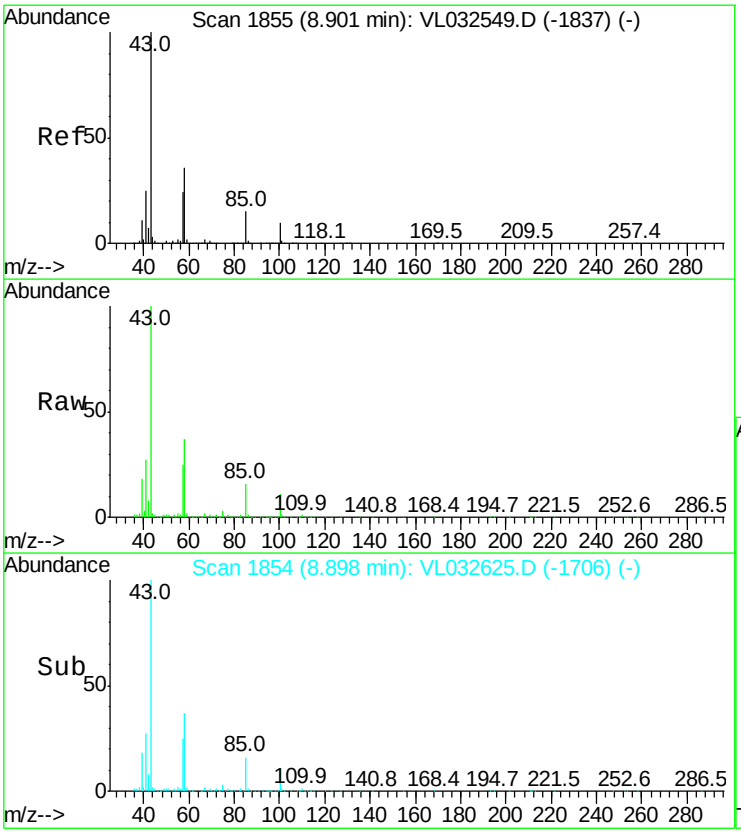

#49
Bromoform
Concen: 10.842 ppbv
RT: 13.23 min Scan# 3202
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion:173 Resp: 1565127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.8 | 38.9 | 58.3 |
| 171 | 52.2 | 41.6 | 62.4 |

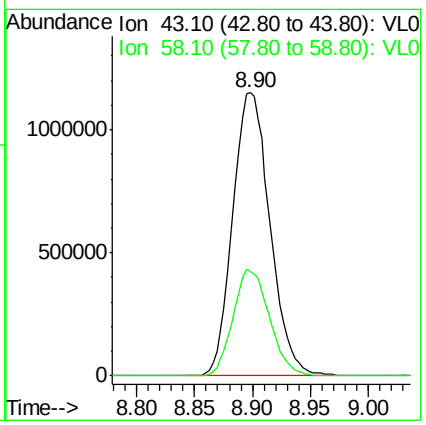


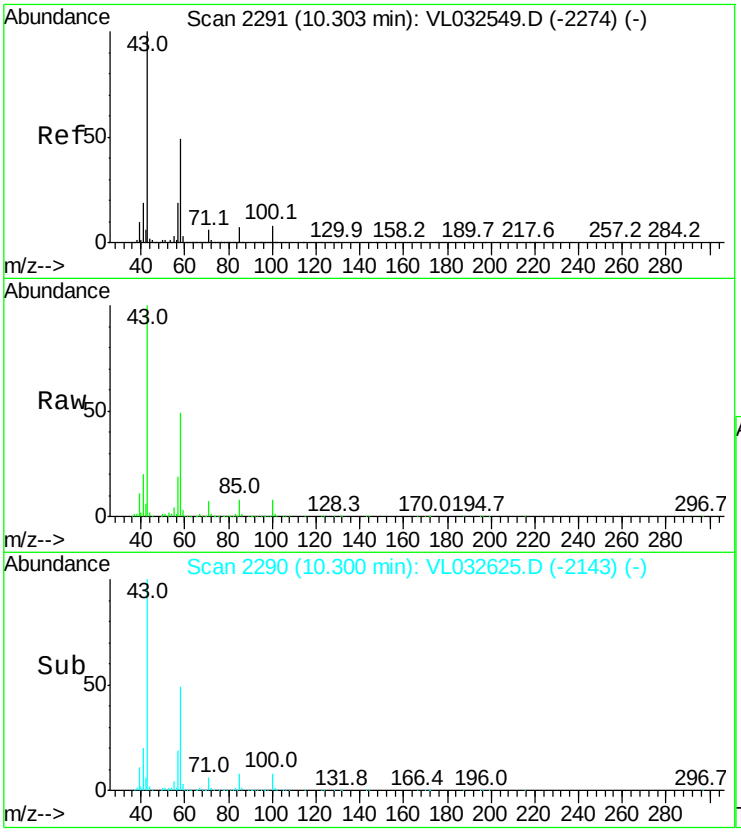




#50
4-Methyl-2-Pentanone
Concen: 9.216 ppbv
RT: 8.90 min Scan# 1854
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 43 Resp: 2562306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.9 | 29.0 | 43.4 |



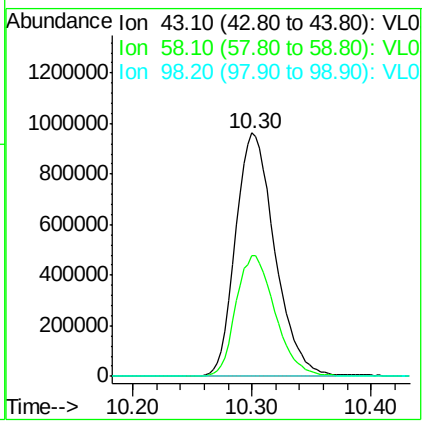


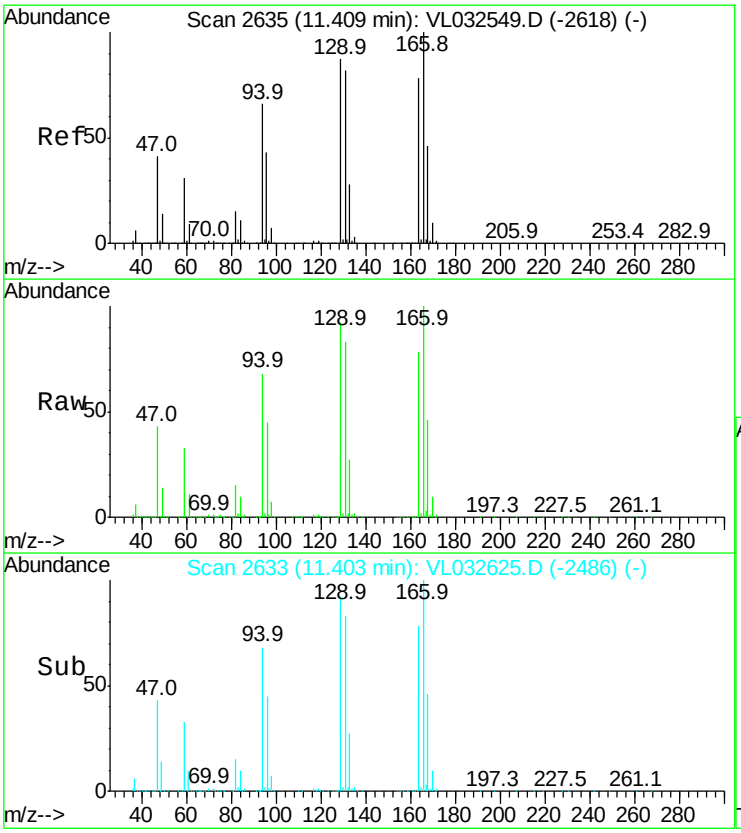

#51
2-Hexanone
Concen: 9.572 ppbv
RT: 10.30 min Scan# 2290
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 43 Resp: 2200980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 49.6 | 39.2 | 58.8 |
| 98 | 0.6 | 0.4 | 0.6 |

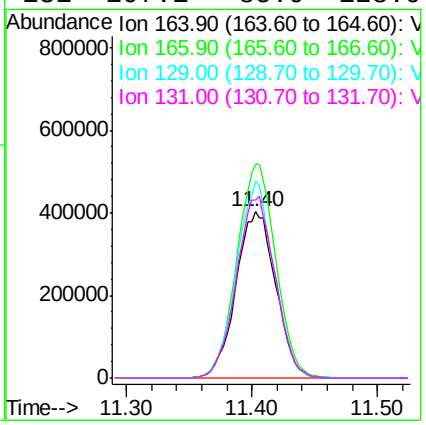


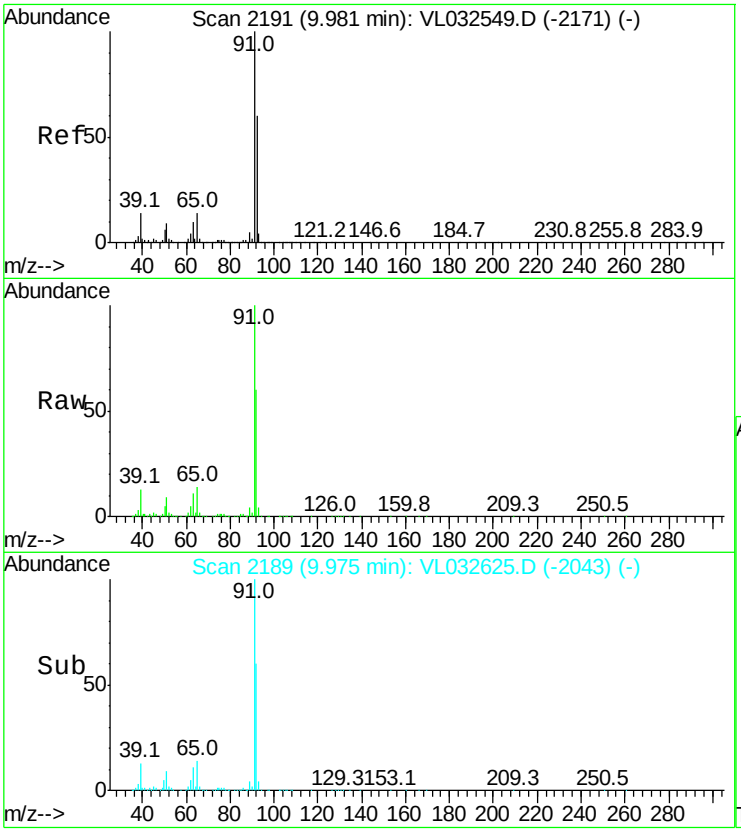




#52
Tetrachloroethene
Concen: 10.537 ppbv
RT: 11.40 min Scan# 2633
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion:164 Resp: 880718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 128.5 | 100.6 | 150.8 |
| 129 | 118.4 | 89.9 | 134.9 |
| 131 | 107.1 | 85.9 | 128.9 |



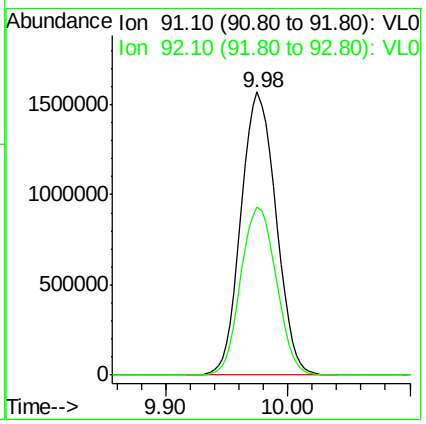


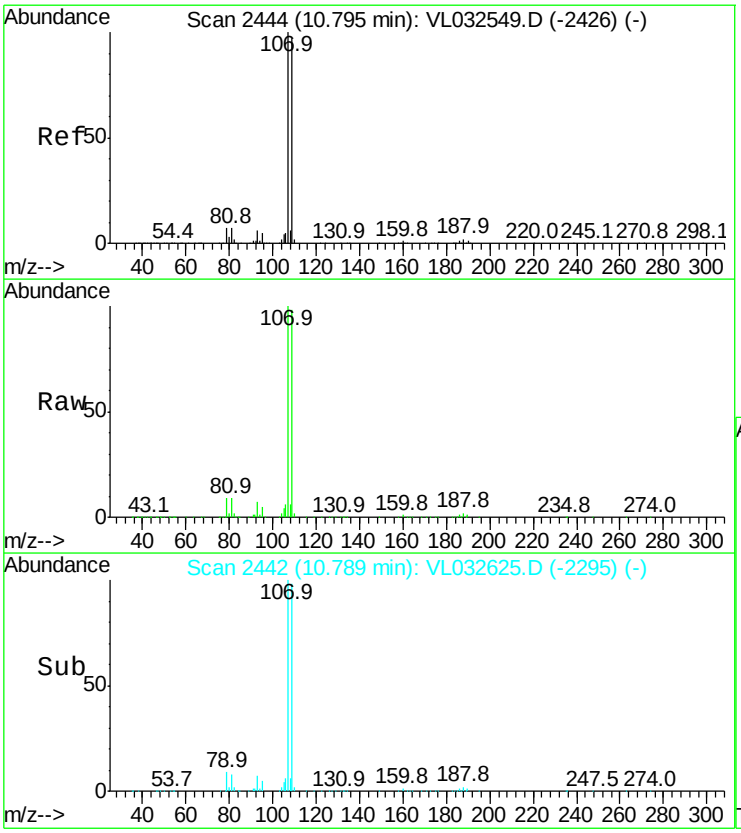

#53
Toluene
Concen: 10.658 ppbv
RT: 9.98 min Scan# 2189
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 91 Resp: 3117798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 60.1 | 48.1 | 72.1 |

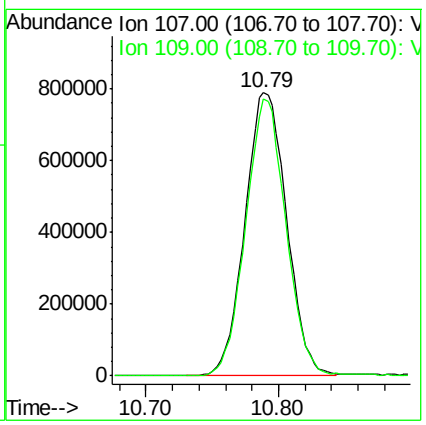


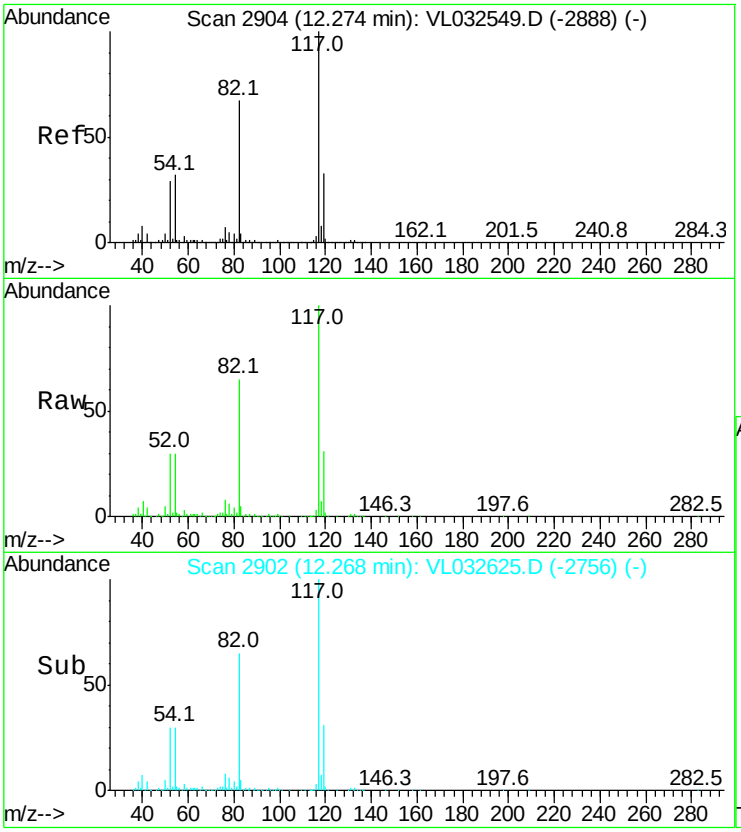




#54
1,2-Dibromoethane
Concen: 10.090 ppbv
RT: 10.79 min Scan# 2442
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion:107 Resp: 1724316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 97.9 | 73.9 | 110.9 |



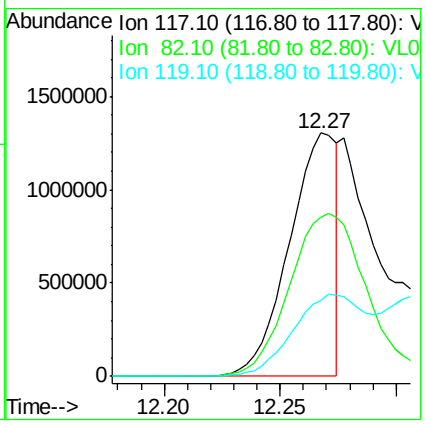


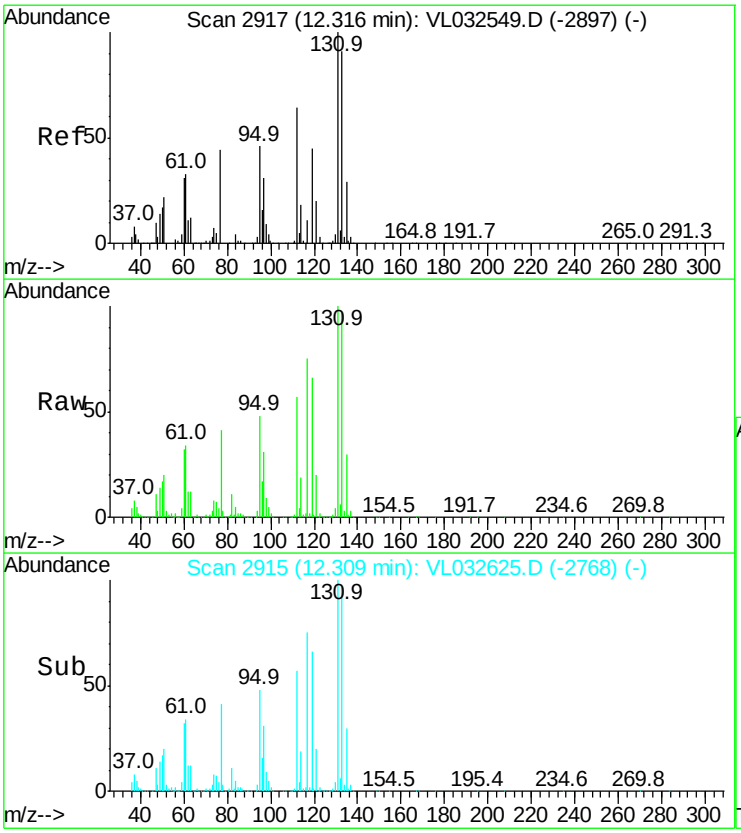

#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2902
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion:117 Resp: 1849821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 110.9 | 53.0 | 79.6# |
| 119 | 54.9 | 45.9 | 68.9 |

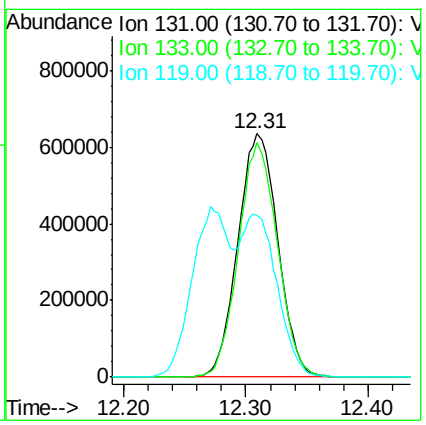


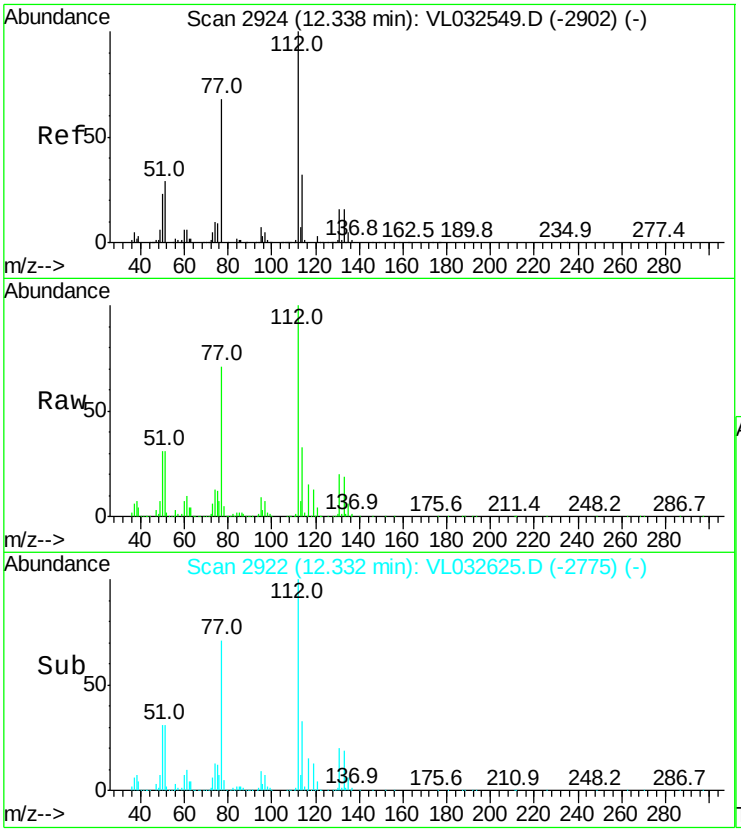




#56
1,1,1,2-Tetrachloroethane
Concen: 17.281 ppbv
RT: 12.31 min Scan# 2915
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion:131 Resp: 1436871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.1 | 77.0 | 115.4 |
| 119 | 62.6 | 114.2 | 171.2# |



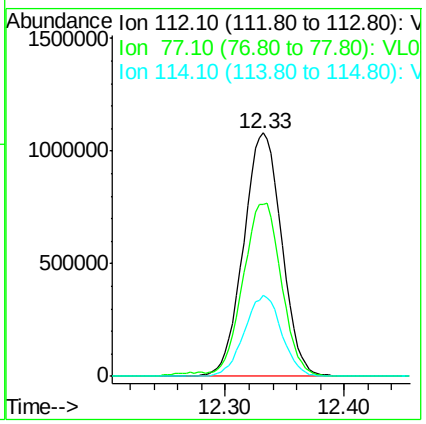


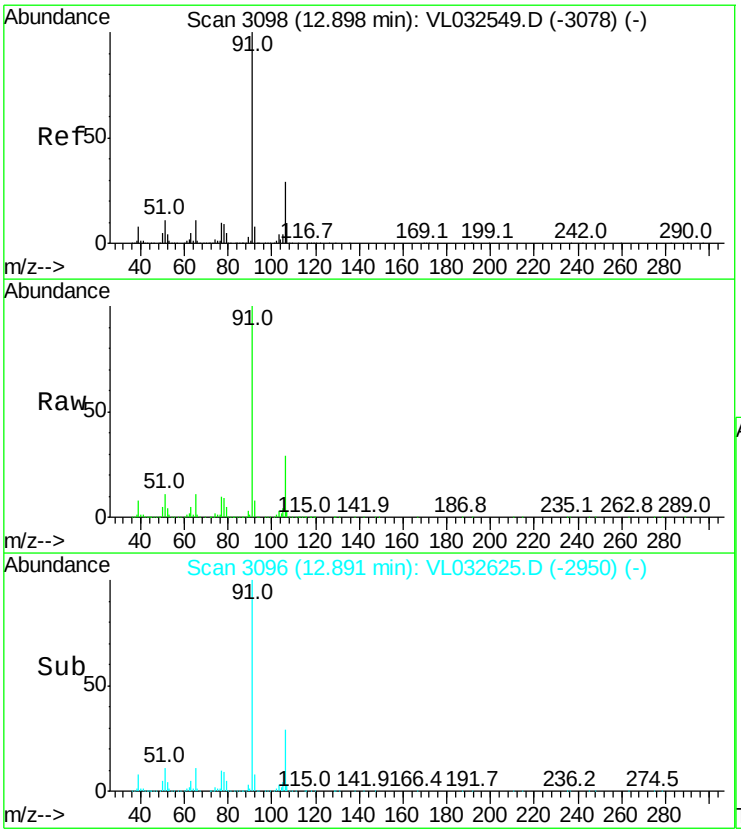

#57
Chlorobenzene
Concen: 16.052 ppbv
RT: 12.33 min Scan# 2922
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion:112 Resp: 2391938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 77 | 70.5 | 56.1 | 84.1 |
| 114 | 33.3 | 27.8 | 34.0 |

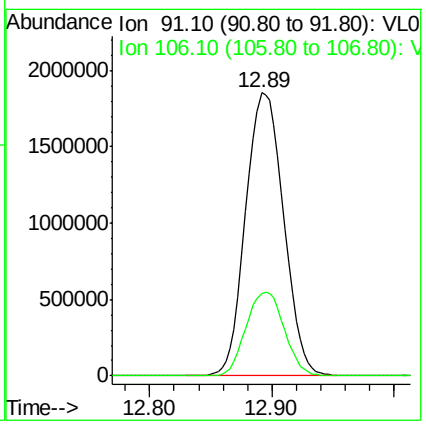


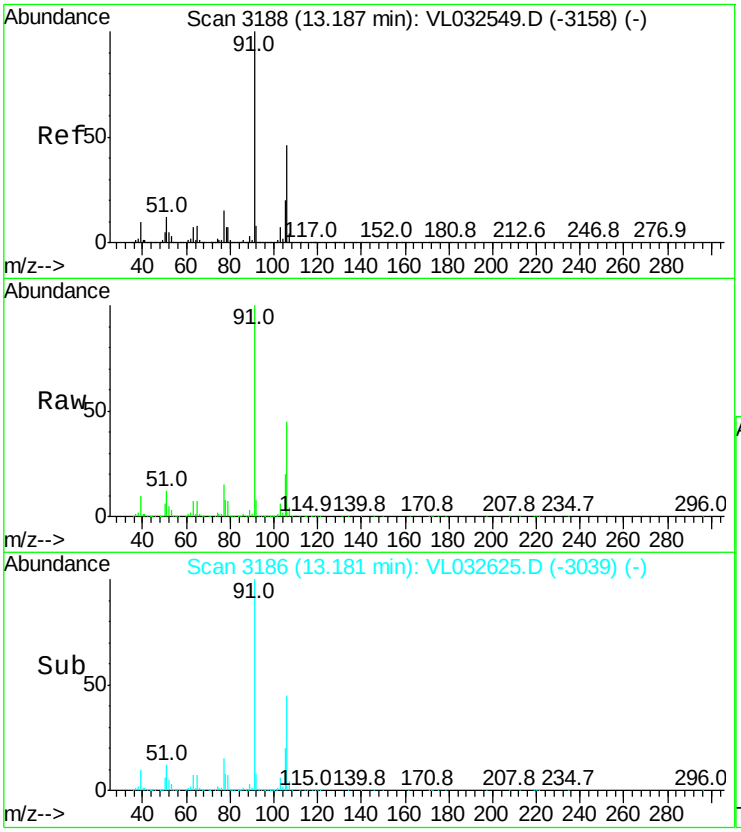




#58
Ethyl Benzene
Concen: 17.769 ppbv
RT: 12.89 min Scan# 3096
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 91 Resp: 3987092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.3 | 24.8 | 37.2 |



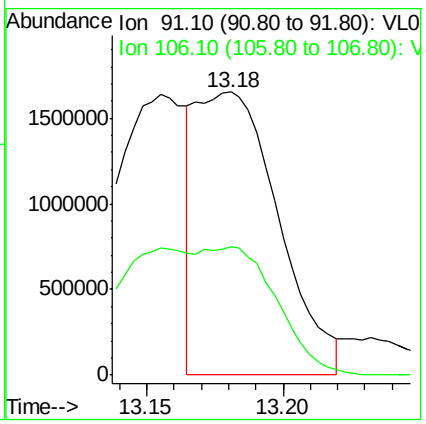


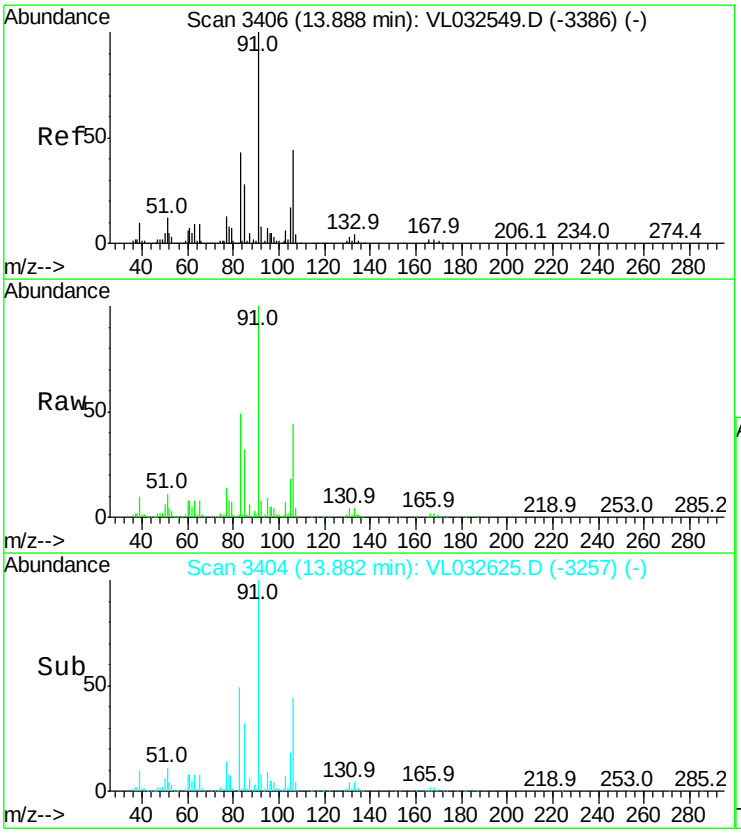

#59
m/p-Xylene
Concen: 17.258 ppbv
RT: 13.18 min Scan# 3186
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 91 Resp: 3445333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 85.9 | 36.6 | 55.0# |

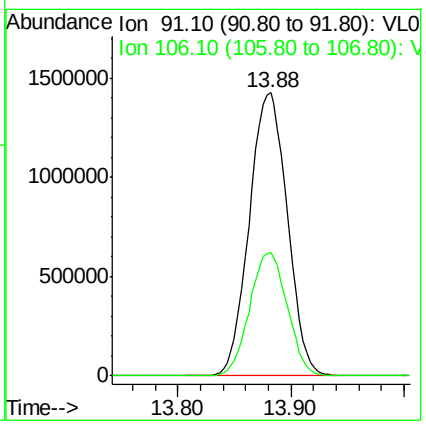


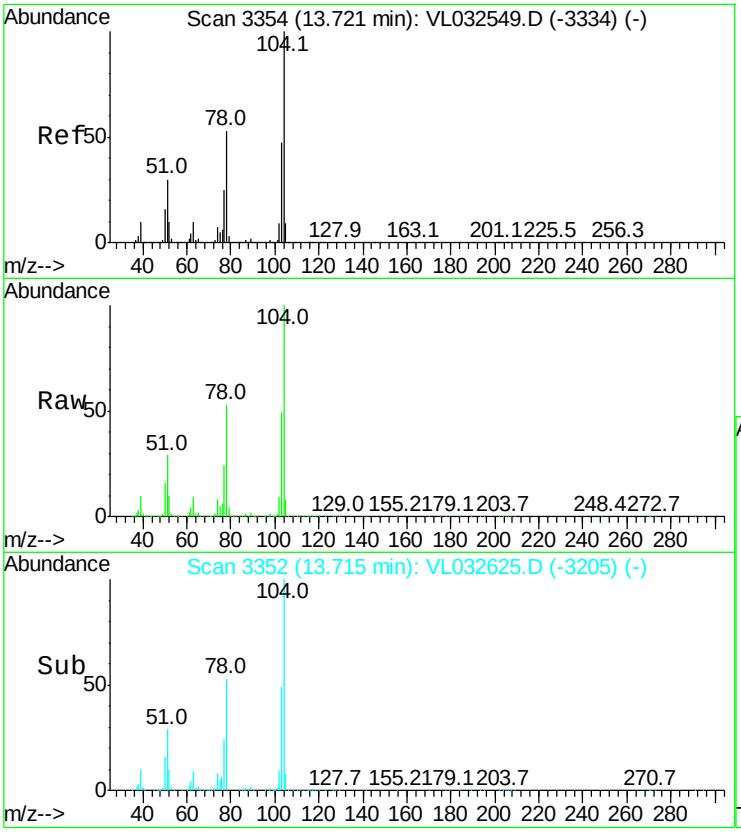




#60
o-Xylene
Concen: 17.079 ppbv
RT: 13.88 min Scan# 3404
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 91 Resp: 3319778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 43.3 | 21.9 | 65.7 |



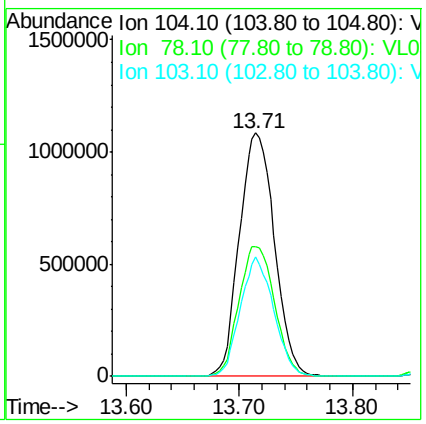


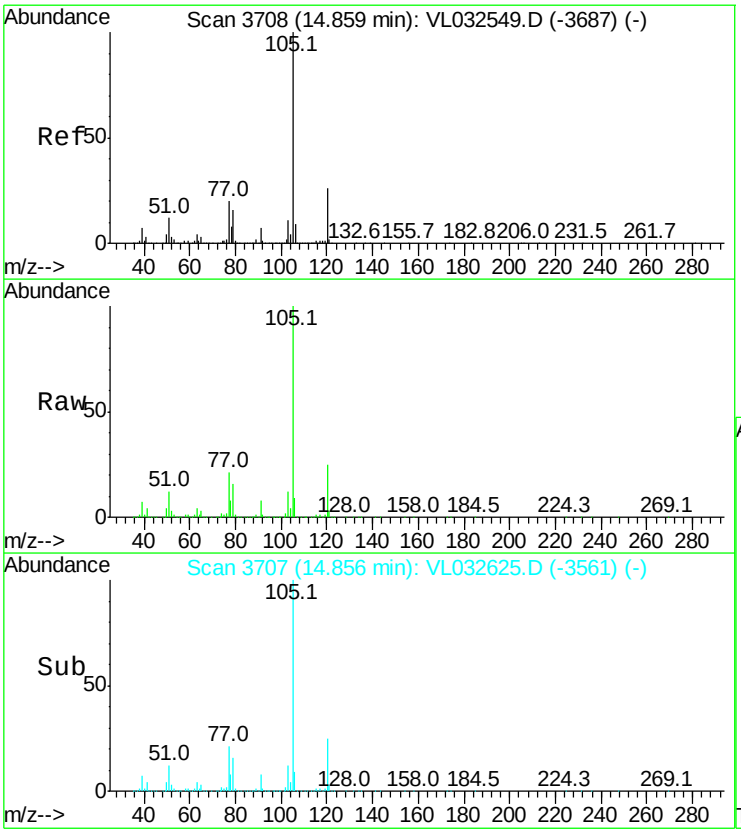

#61
Styrene
Concen: 18.448 ppbv
RT: 13.71 min Scan# 3352
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion:104 Resp: 2345617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 54.4 | 41.8 | 62.8 |
| 103 | 46.7 | 38.0 | 57.0 |

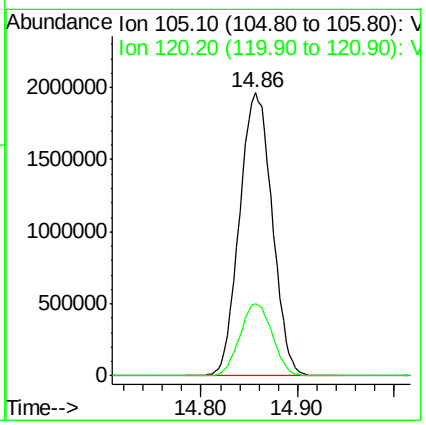


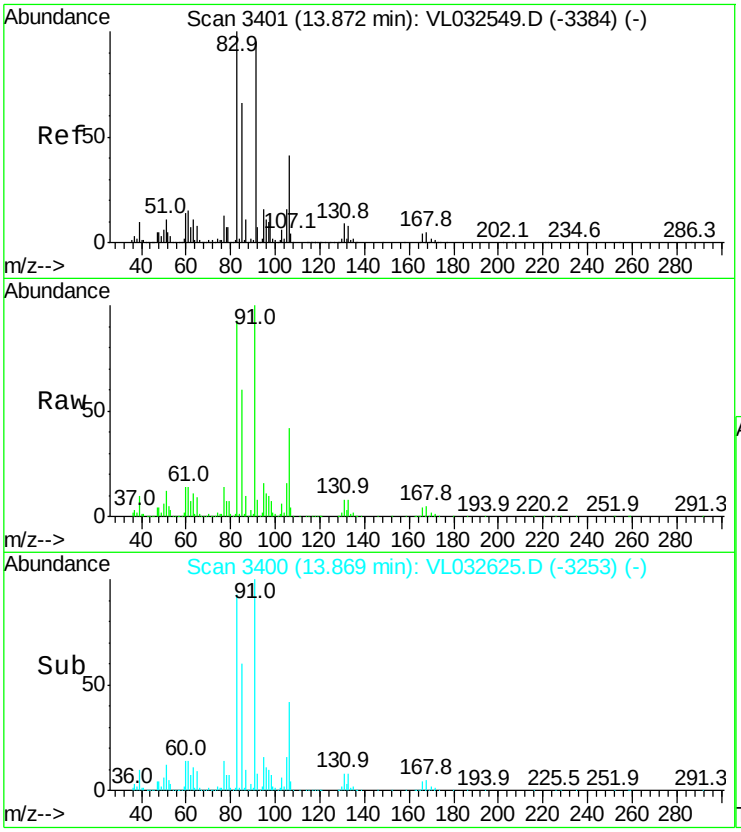




#62
Isopropylbenzene
Concen: 16.764 ppbv
RT: 14.86 min Scan# 3707
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion:105 Resp: 4608148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.4 | 20.6 | 31.0 |



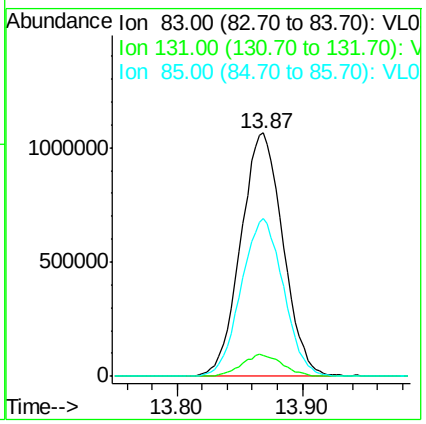


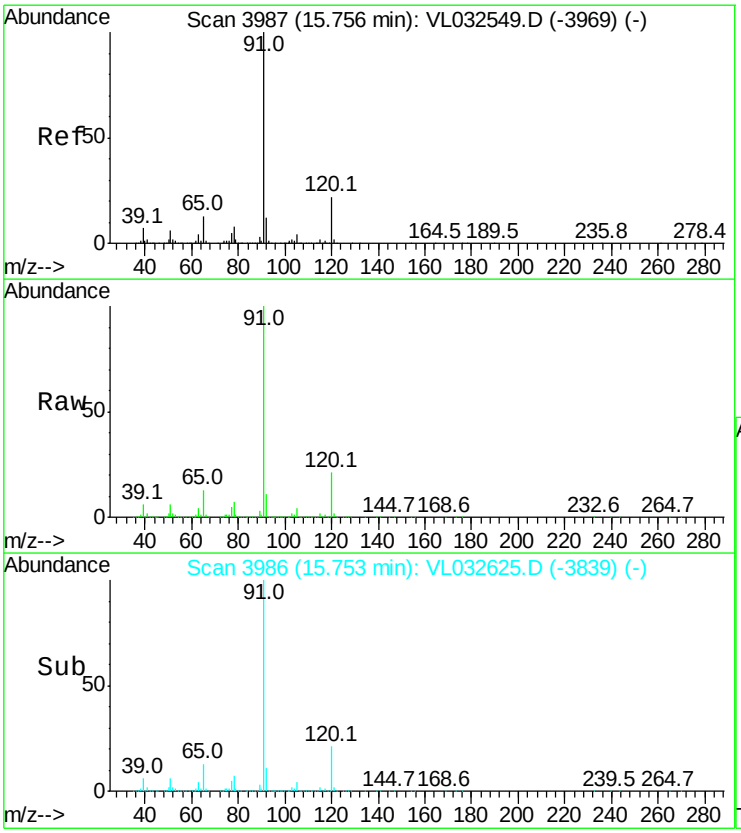

#63
1,1,2,2-Tetrachloroethane
Concen: 14.414 ppbv
RT: 13.87 min Scan# 3400
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 83 Resp: 2488974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 8.8 | 4.3 | 12.8 |
| 85 | 65.2 | 32.3 | 96.8 |

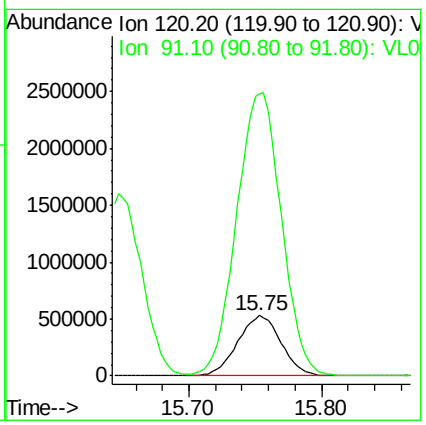


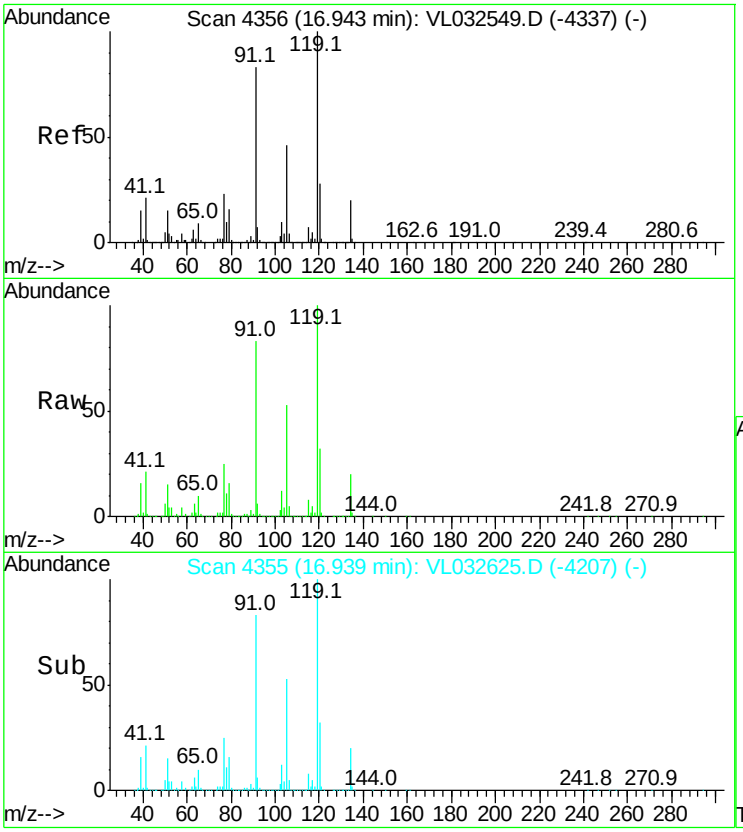




#64
n-propylbenzene
Concen: 17.013 ppbv
RT: 15.75 min Scan# 3986
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion:120 Resp: 1201462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 120 | 100 | | |
| 91 | 487.4 | 381.8 | 572.6 |



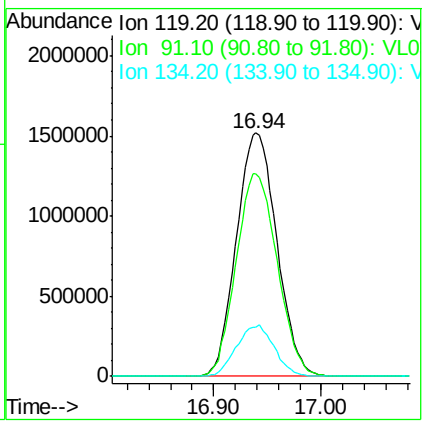


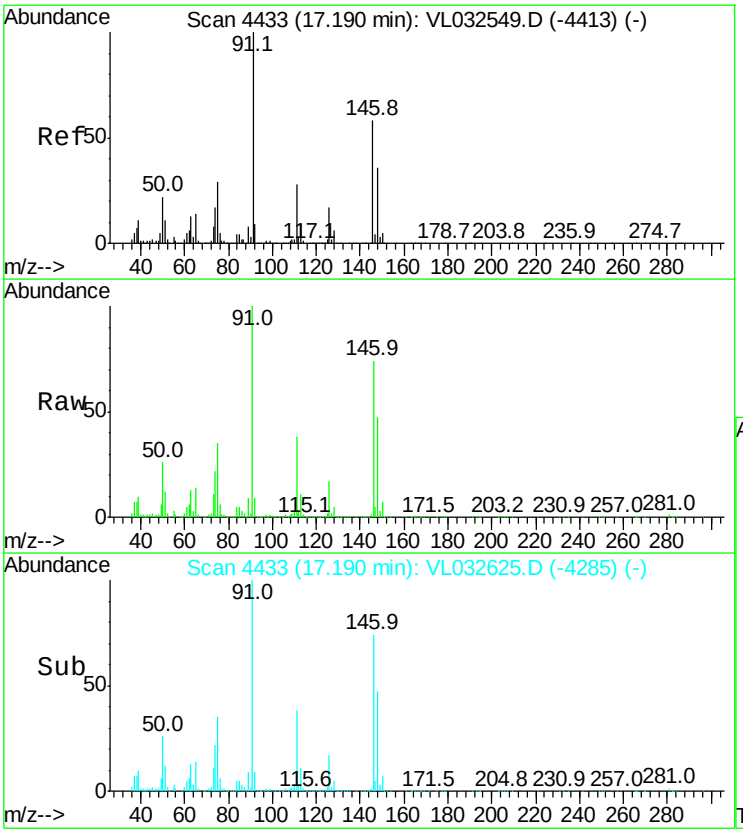

#65
tert-Butylbenzene
Concen: 16.771 ppbv
RT: 16.94 min Scan# 4355
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion:119 Resp: 3951259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 85.0 | 66.5 | 99.7 |
| 134 | 19.6 | 16.0 | 24.0 |

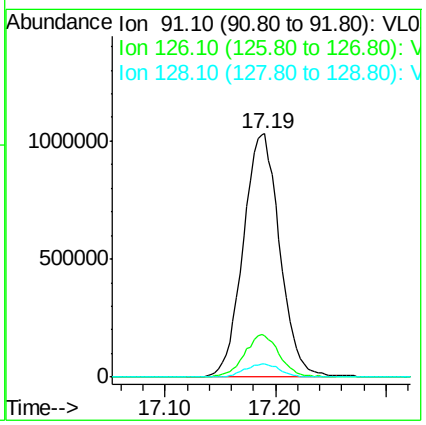


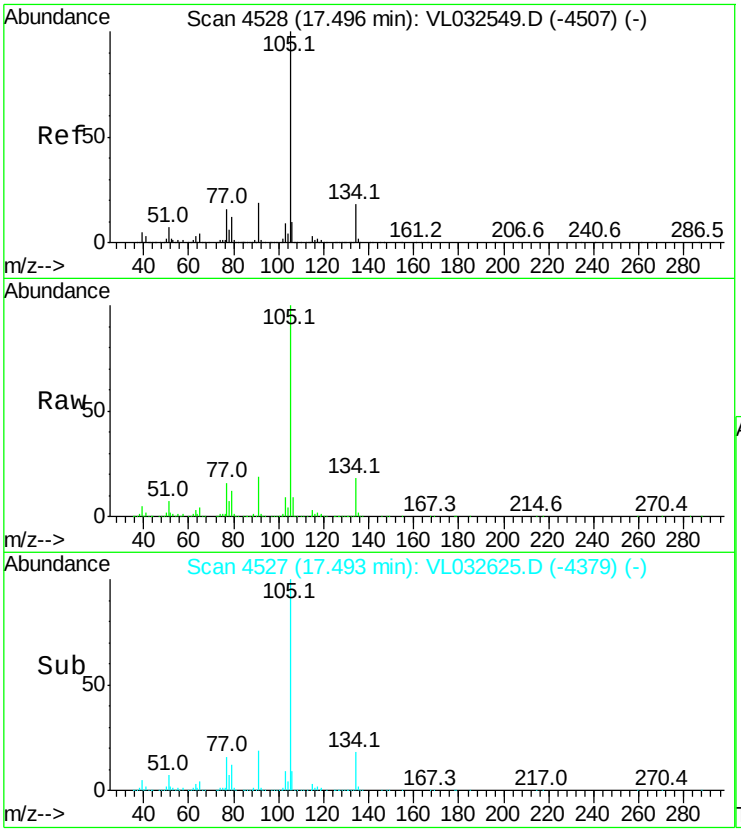




#66
Benzyl Chloride
Concen: 17.398 ppbv
RT: 17.19 min Scan# 4433
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 91 Resp: 2362450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 16.8 | 13.8 | 20.8 |
| 128 | 5.3 | 4.4 | 6.6 |



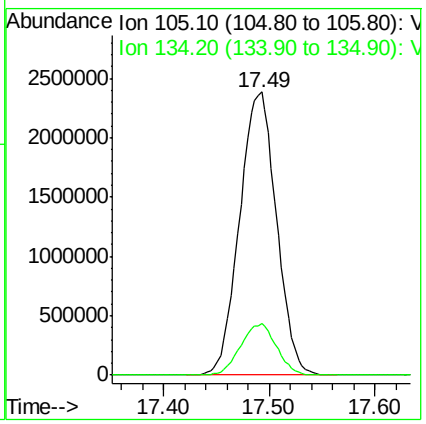


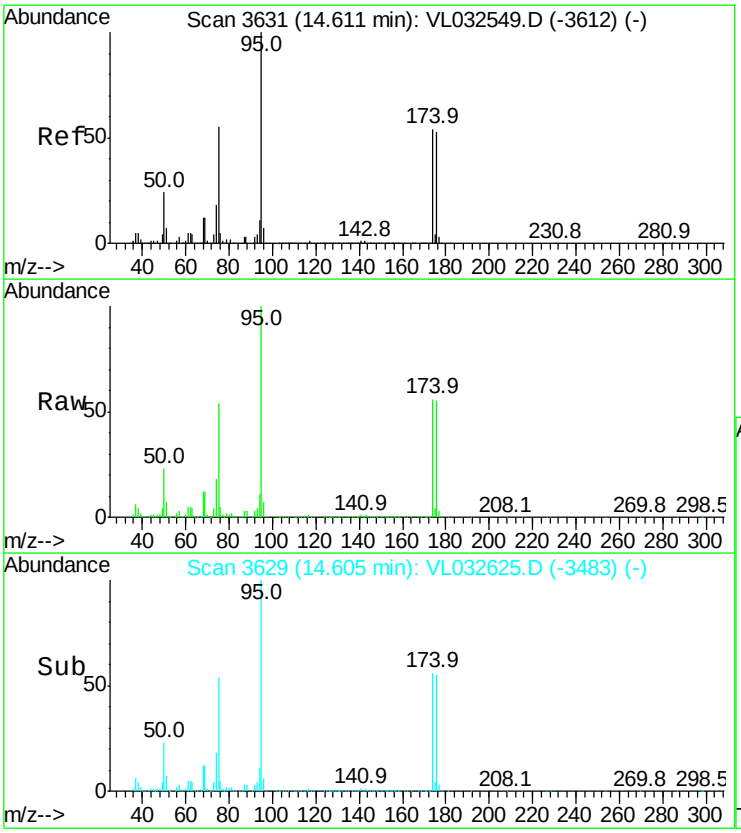

#67
sec-Butylbenzene
Concen: 16.539 ppbv
RT: 17.49 min Scan# 4527
Delta R.T. -0.02 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion:105 Resp: 5793536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 17.8 | 14.4 | 21.6 |

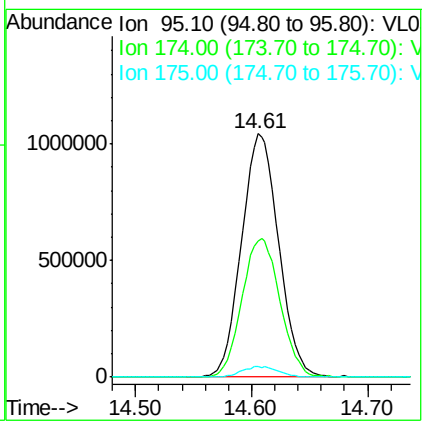


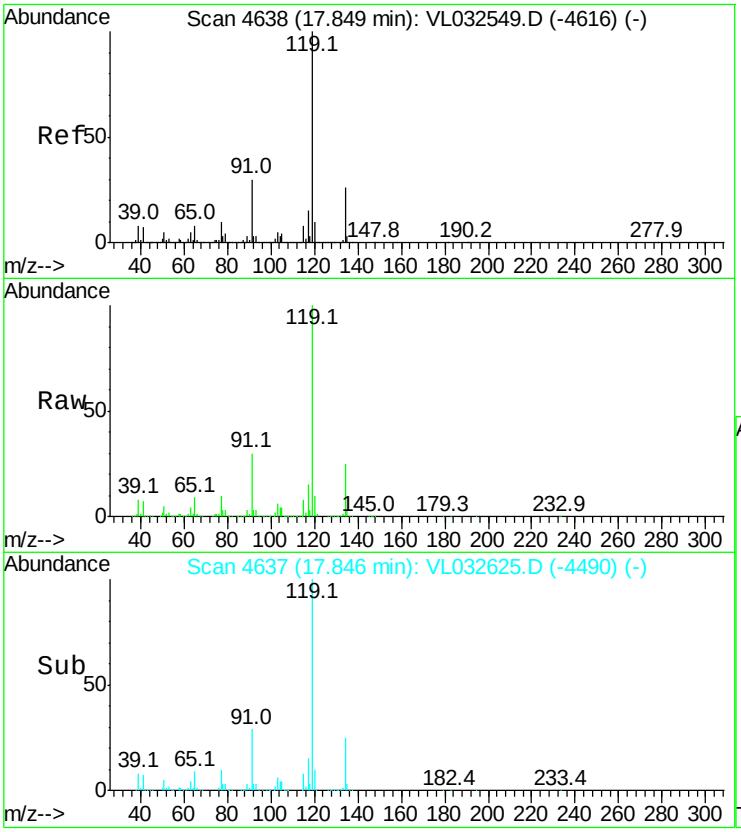




#68
1-Bromo-4-Fluorobenzene
Concen: 16.651 ppbv
RT: 14.61 min Scan# 3629
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 95 Resp: 2322848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 58.8 | 46.3 | 69.5 |
| 175 | 4.2 | 3.4 | 5.0 |



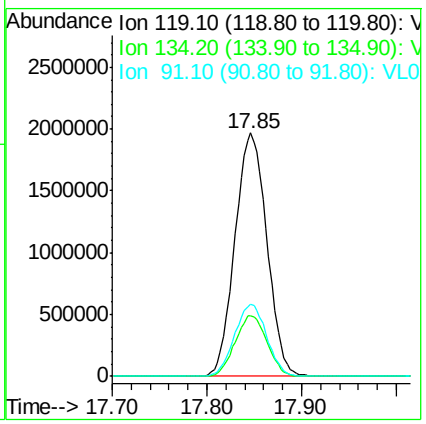


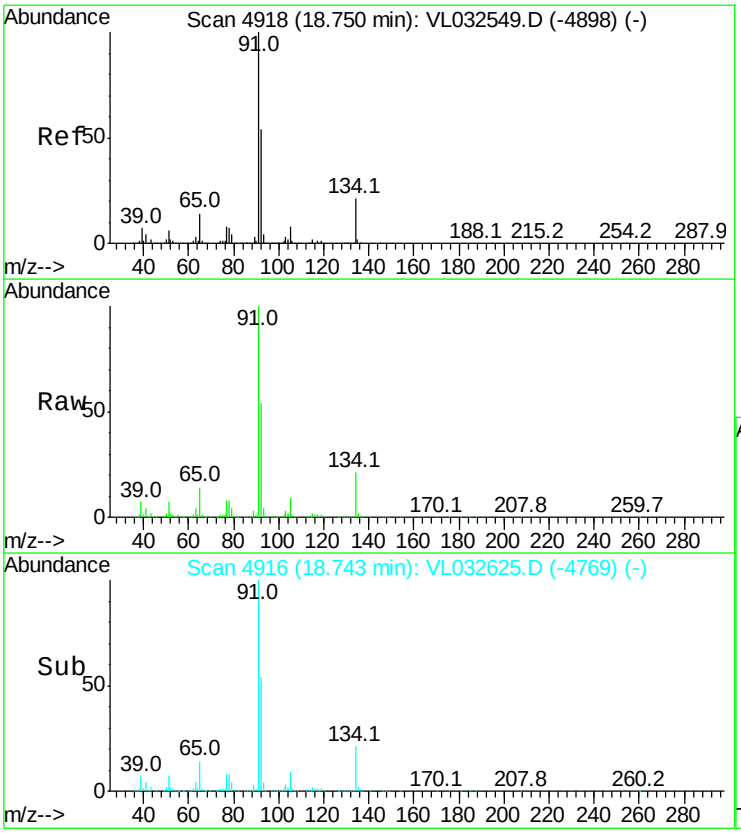

#69
p-Isopropyltoluene
Concen: 17.068 ppbv
RT: 17.85 min Scan# 4637
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion:119 Resp: 4617908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.0 | 20.4 | 30.6 |
| 91 | 29.9 | 23.4 | 35.2 |

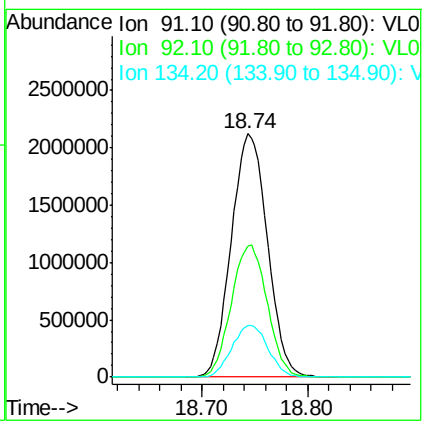


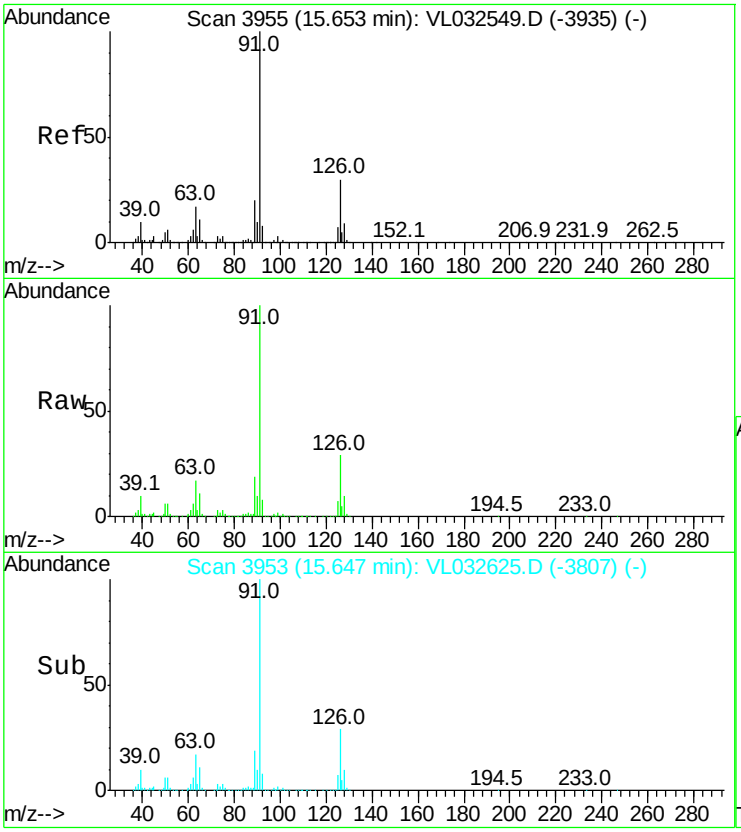




#70
n-Butylbenzene
Concen: 17.062 ppbv
RT: 18.74 min Scan# 4916
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion: 91 Resp: 5042232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.0 | 43.8 | 65.8 |
| 134 | 21.4 | 17.4 | 26.0 |



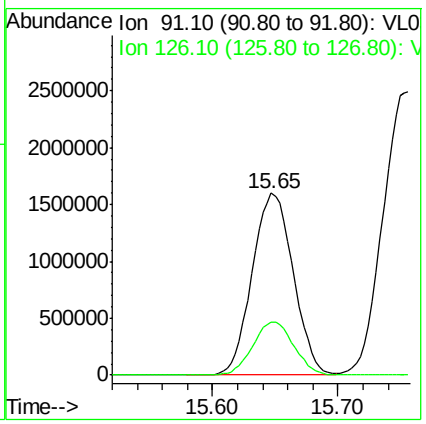


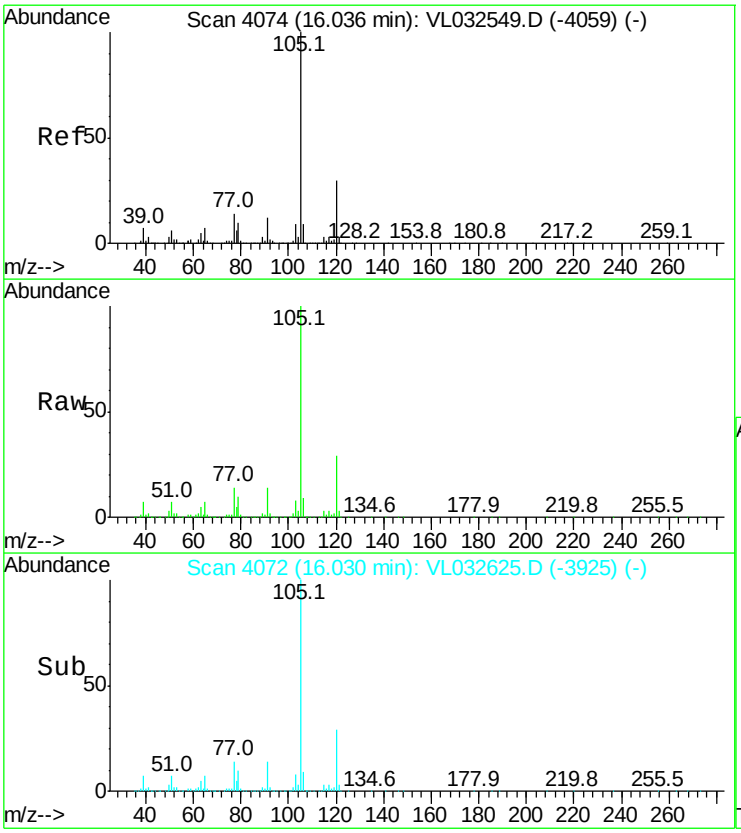

#71
2-Chlorotoluene
Concen: 17.439 ppbv
RT: 15.65 min Scan# 3953
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

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

Tgt Ion: 91 Resp: 3651116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.2 | 11.9 | 47.7 |




#72
4-Ethyltoluene
Concen: 17.966 ppbv
RT: 16.03 min Scan# 4072
Delta R.T. -0.03 min
Lab File: VL032625.D
Acq: 12 Oct 2018 8:53

Tgt Ion:105 Resp: 3790428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 29.0 | 23.5 | 35.3 |
| 91 | 13.4 | 10.2 | 15.2 |
| 77 | 14.6 | 11.1 | 16.7 |