Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072518\
Data File : VX003663.D
Acq On : 25 Jul 2018 17:43
Operator : JC/SP
Sample : J4073-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** RE109D3-071618

Quant Time: Jul 27 04:35:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 83359 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.87 | 114 | 135715 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 117286 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 66182 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 68743 | 55.67 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 111.34% | | | | |
| 35) Dibromofluoromethane | 5.51 | 113 | 53666 | 48.37 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.74% | | | | |
| 50) Toluene-d8 | 8.72 | 98 | 245721 | 58.03 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 116.06% | | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 75442 | 48.85 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.70% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 485 | 0.511 | ug/l | | 97 |
| 3) Chloromethane | 1.32 | 50 | 644 | 0.515 | ug/l | | 90 |
| 5) Bromomethane | 1.65 | 94 | 473 | 0.766 | ug/l | # | 76 |
| 6) Chloroethane | 1.73 | 64 | 533 | 2.467 | ug/l | # | 42 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 1822 | 1.798 | ug/l | | 96 |
| 10) Methyl Iodide | 2.52 | 142 | 523 | 3.532 | ug/l | # | 87 |
| 11) Tert butyl alcohol | 3.07 | 59 | 391 | 1.325 | ug/l | # | 72 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 682 | 0.707 | ug/l | | 91 |
| 13) Acrolein | 2.30 | 56 | 24 | 4.191 | ug/l | # | 1 |
| 15) Acrylonitrile | 3.15 | 53 | 240 | 0.337 | ug/l | | 97 |
| 16) Acetone | 2.45 | 43 | 4515 | 7.783 | ug/l | | 88 |
| 17) Carbon Disulfide | 2.57 | 76 | 1357 | 0.489 | ug/l | # | 80 |
| 18) Methyl Acetate | 2.78 | 43 | 409 | 0.233 | ug/l | # | 53 |
| 20) Methylene Chloride | 2.86 | 84 | 268 | 0.233 | ug/l | # | 75 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 280 | 0.270 | ug/l | | 91 |
| 23) Vinyl Acetate | 3.84 | 43 | 682 | 0.217 | ug/l | # | 74 |
| 24) 1,1-Dichloroethane | 3.70 | 63 | 760 | 0.367 | ug/l | # | 83 |
| 25) 2-Butanone | 4.70 | 43 | 266 | 0.297 | ug/l | # | 50 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 1167 | 1.037 | ug/l | # | 1 |
| 30) Chloroform | 5.21 | 83 | 576 | 0.307 | ug/l | | 99 |
| 31) Cyclohexane | 5.67 | 56 | 1727 | 1.040 | ug/l | # | 6 |
| 32) 1,1,1-Trichloroethane | 5.50 | 97 | 666 | 0.427 | ug/l | # | 50 |
| 36) 1,1-Dichloropropene | 5.67 | 75 | 6072 | 3.828 | ug/l | # | 48 |
| 38) Carbon Tetrachloride | 5.79 | 117 | 630 | 0.412 | ug/l | # | 77 |
| 44) Trichloroethene | 7.22 | 130 | 63437 | 50.401 | ug/l | | 98 |
| 49) 1,4-Dioxane | 7.77 | 88 | 504 | 15.998 | ug/l | | 93 |
| 60) Dibromochloromethane | 9.34 | 129 | 235 | 0.208 | ug/l | # | 11 |
| 64) Tetrachloroethene | 9.34 | 164 | 364 | 0.339 | ug/l | | 91 |
| 76) 1,2,3-Trichloropropane | 11.14 | 75 | 37843 | 27.262 | ug/l | # | 34 |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75 | 37843 | 84.464 | ug/l | # | 11 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.82 | 75 | 108 | 0.311 | ug/l | # | 1 |
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 399 | 0.239 | ug/l | | 90 |
| 94) Hexachlorobutadiene | 13.79 | 225 | 244 | 0.316 | ug/l | | 91 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072518\
Data File : VX003663.D
Acq On : 25 Jul 2018 17:43
Operator : JC/SP
Sample : J4073-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE109D3-071618

Quant Time: Jul 27 04:35:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

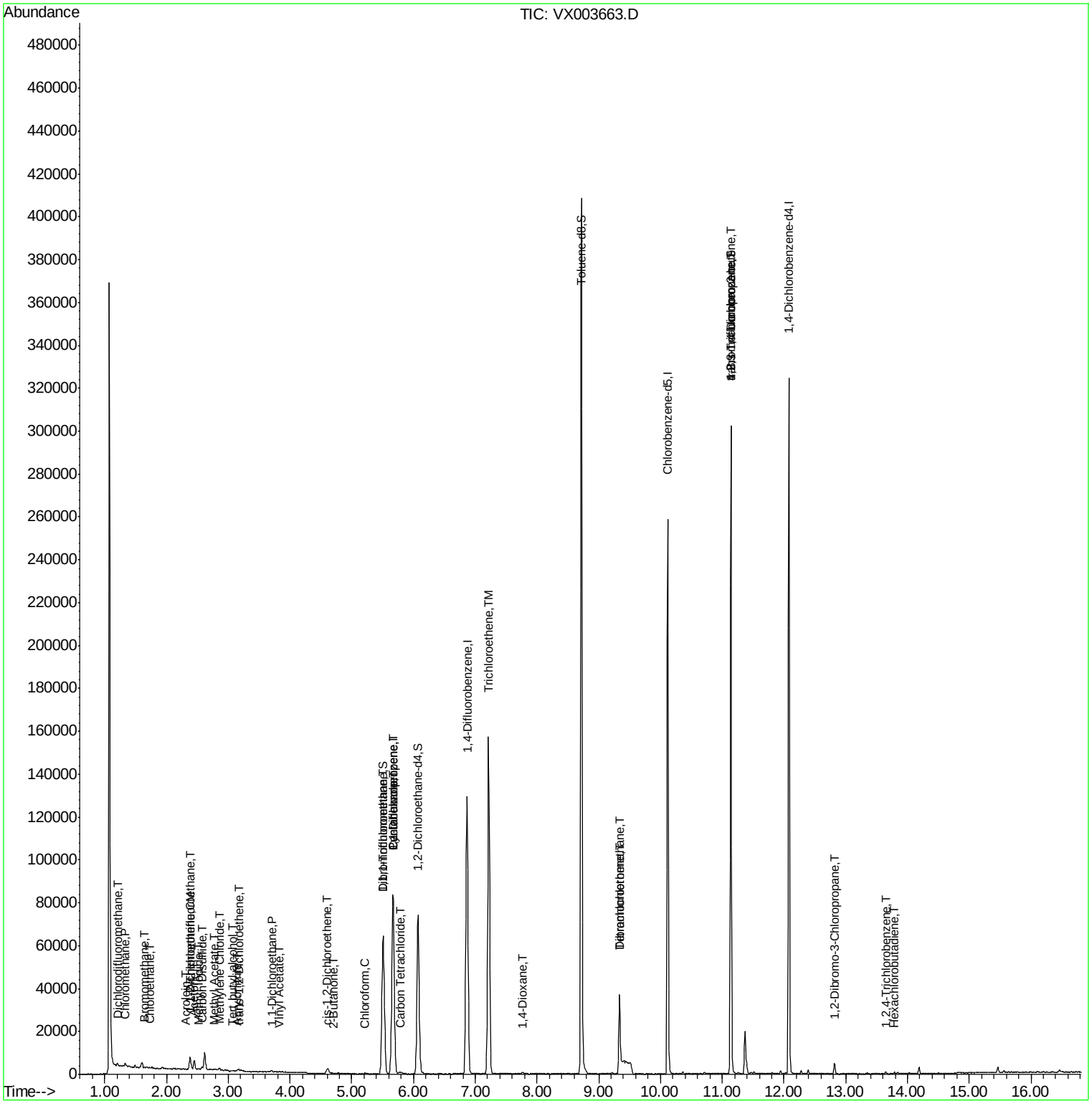
(#) = qualifier out of range (m) = manual integration (+) = signals summed

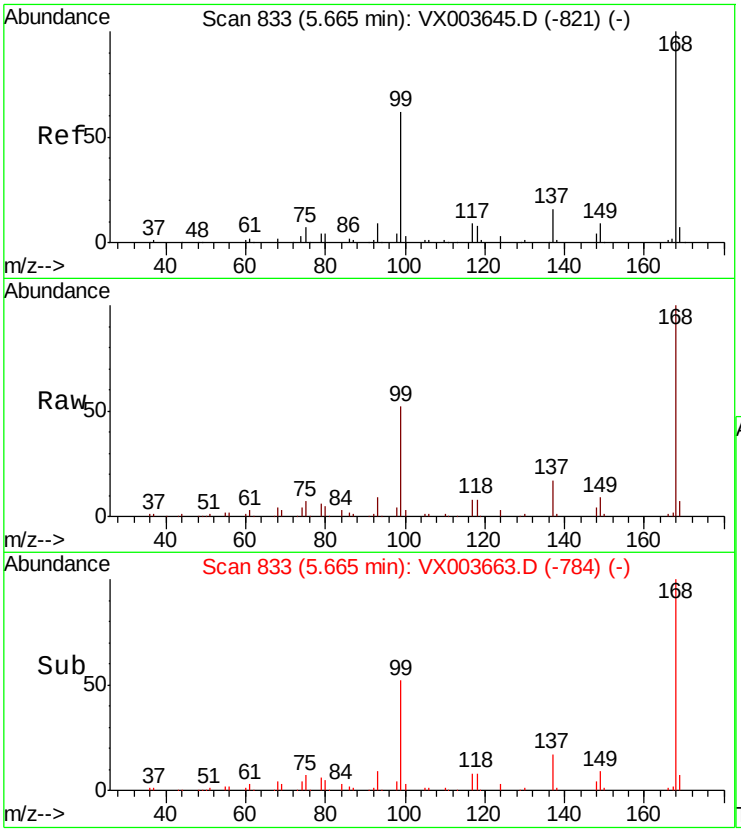
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072518\
Data File : VX003663.D
Acq On : 25 Jul 2018 17:43
Operator : JC/SP
Sample : J4073-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE109D3-071618

Quant Time: Jul 27 04:35:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration



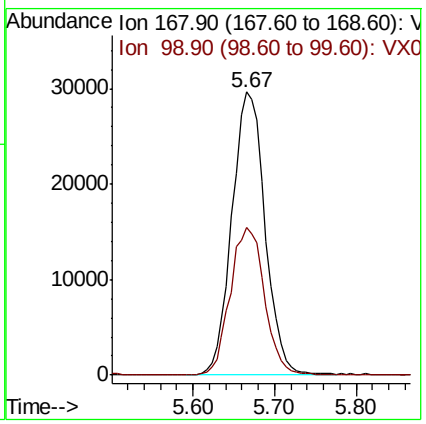


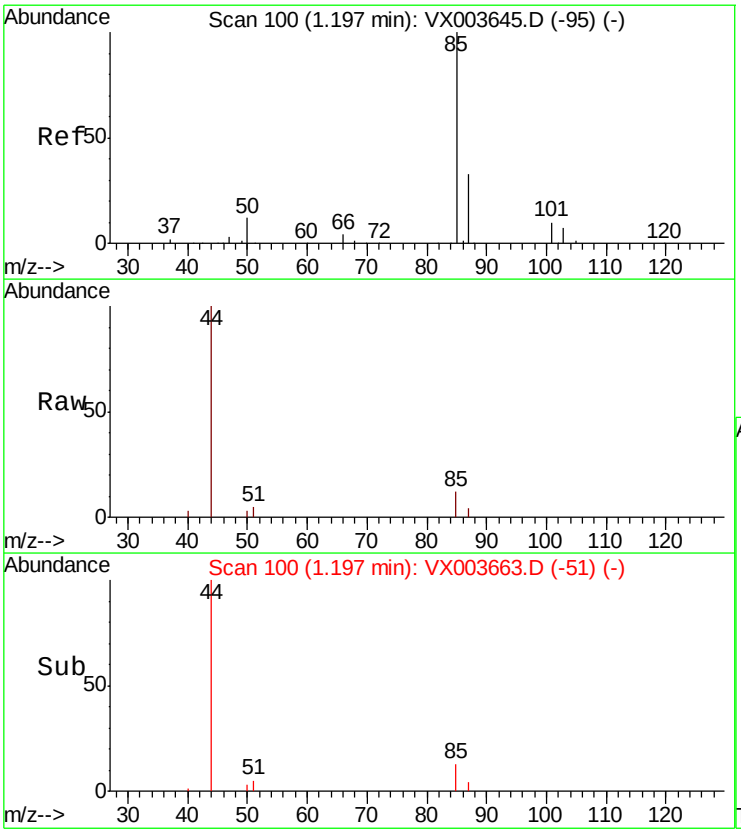

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE109D3-071618

Tgt Ion:168 Resp: 83359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 52.0 | 49.5 | 74.3 |

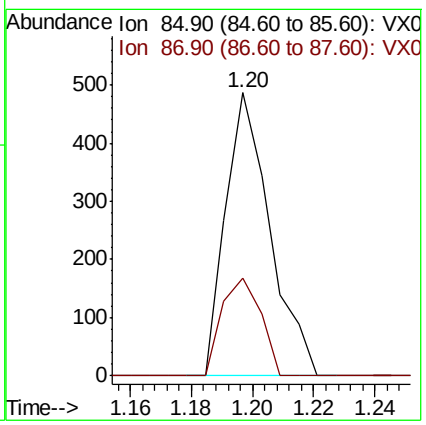


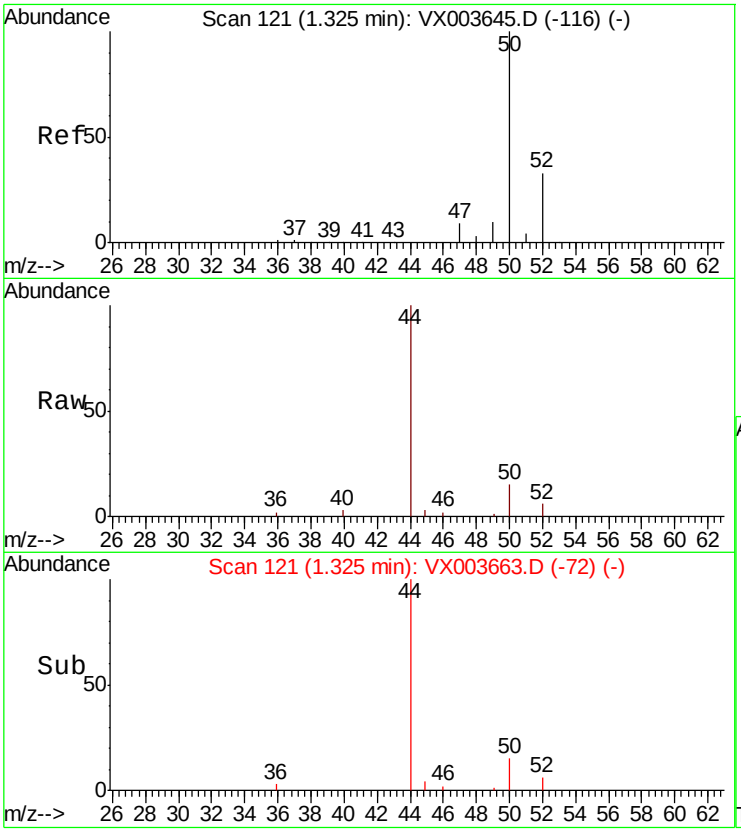




#2
Dichlorodifluoromethane
Concen: 0.511 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion: 85 Resp: 485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 34.5 | 16.5 | 49.5 |



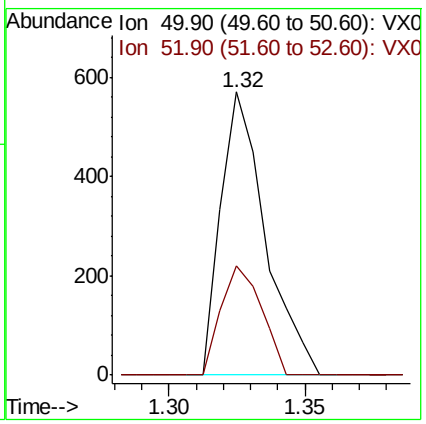


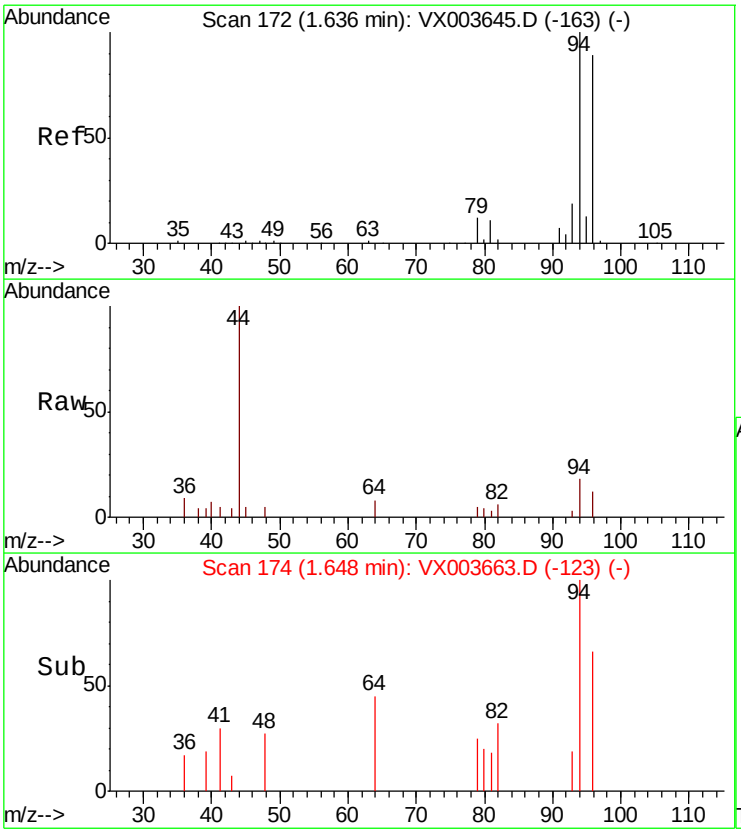

#3
Chloromethane
Concen: 0.515 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE109D3-071618

Tgt Ion: 50 Resp: 644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 38.4 | 26.3 | 39.5 |

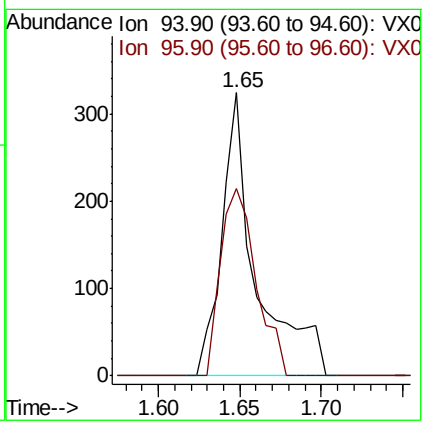


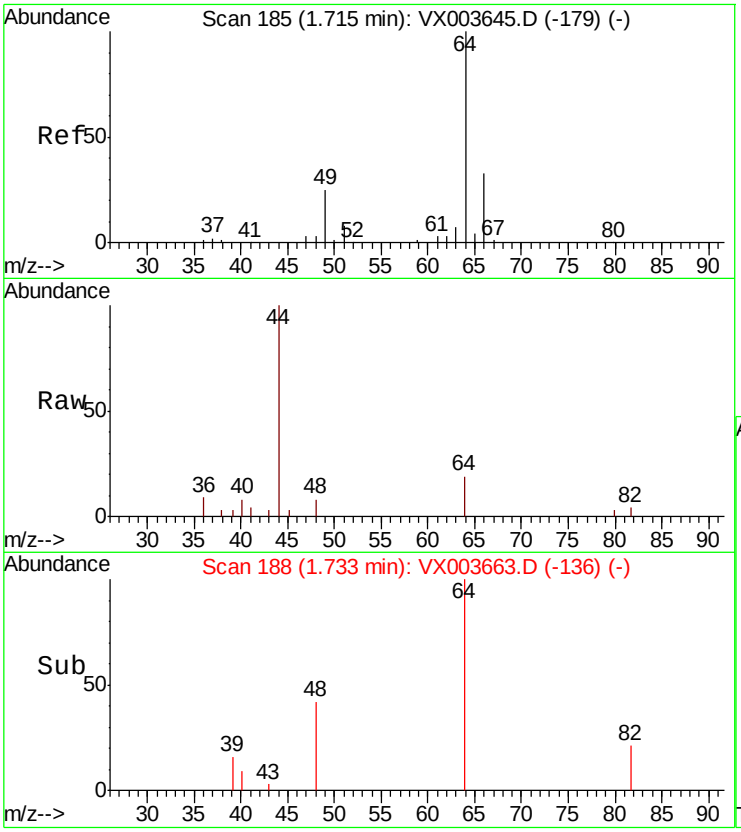




#5
Bromomethane
Concen: 0.766 ug/l
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion: 94 Resp: 473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 66.4 | 71.3 | 106.9# |



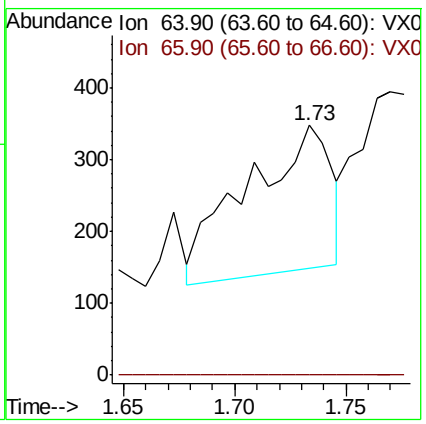


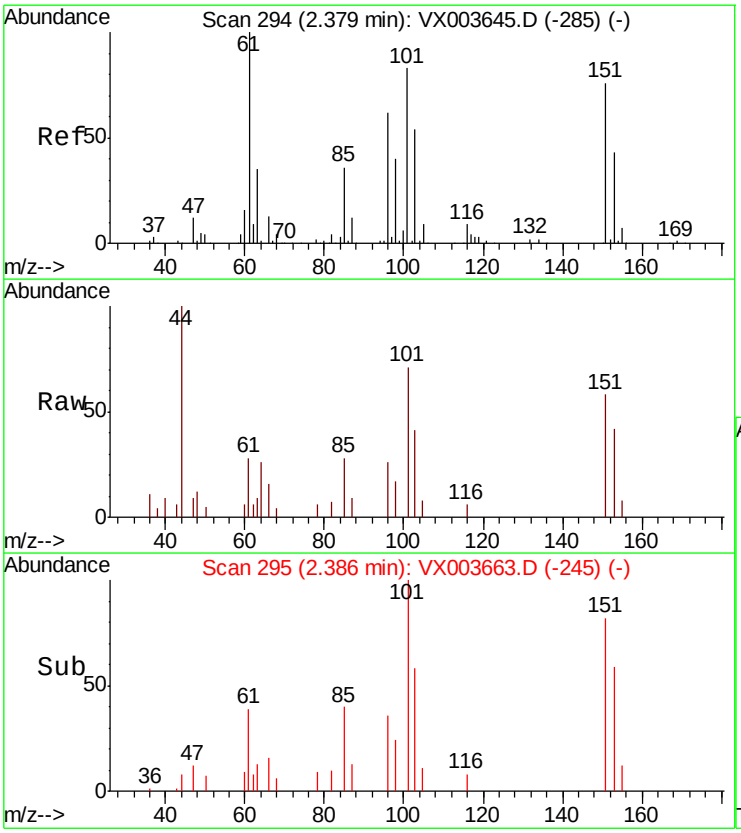

#6
Chloroethane
Concen: 2.467 ug/l
RT: 1.73 min Scan# 188
Delta R.T. 0.02 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE109D3-071618

Tgt Ion: 64 Resp: 533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 0.0 | 26.3 | 39.5# |

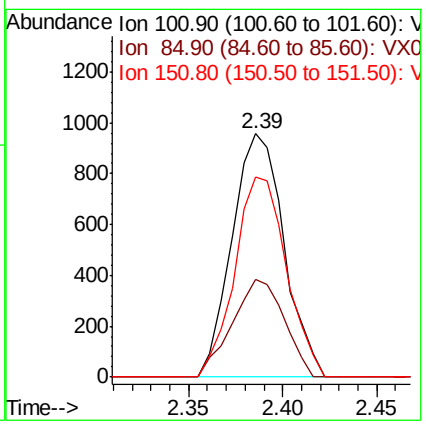


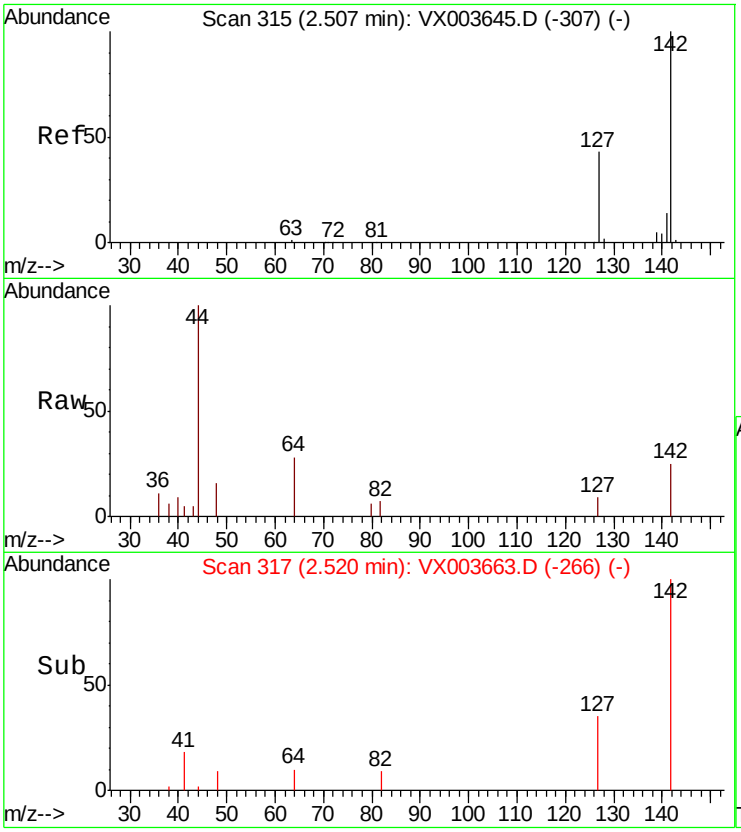




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.798 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion:101 Resp: 1822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 40.0 | 34.6 | 52.0 |
| 151 | 81.8 | 67.5 | 101.3 |



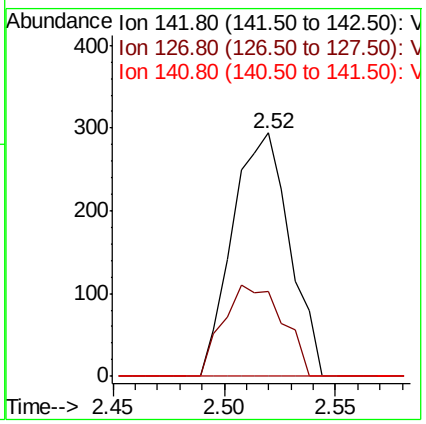


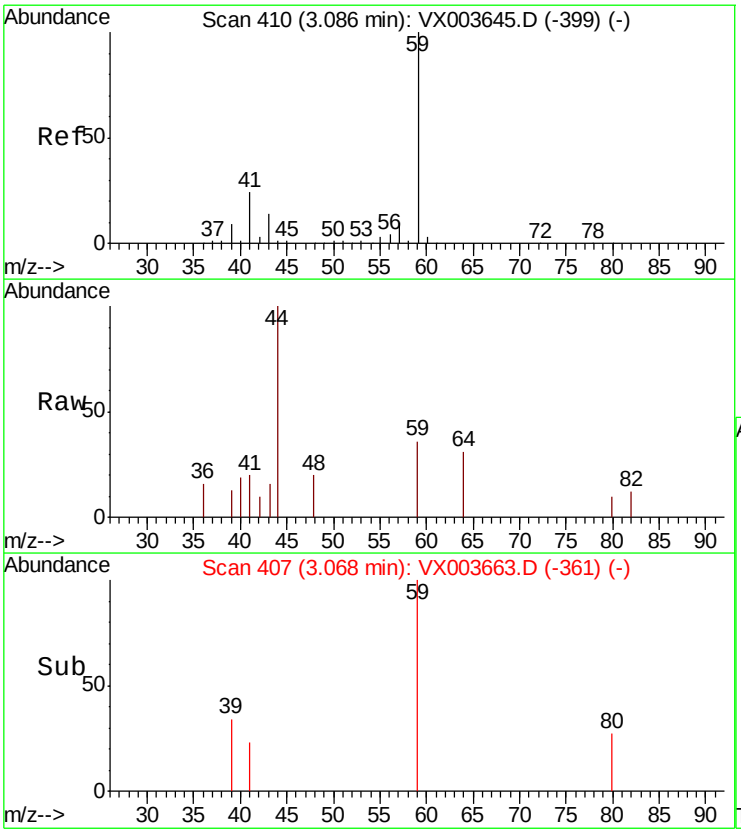

#10
Methyl Iodide
Concen: 3.532 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

**Instrument :** MSVOA_X
**ClientSampleId :** RE109D3-071618

Tgt Ion:142 Resp: 523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 39.0 | 34.0 | 51.0 |
| 141 | 0.0 | 11.3 | 16.9# |

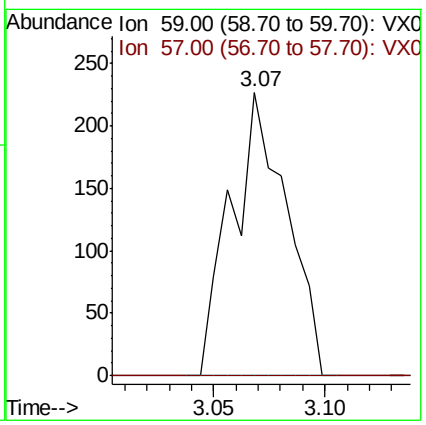


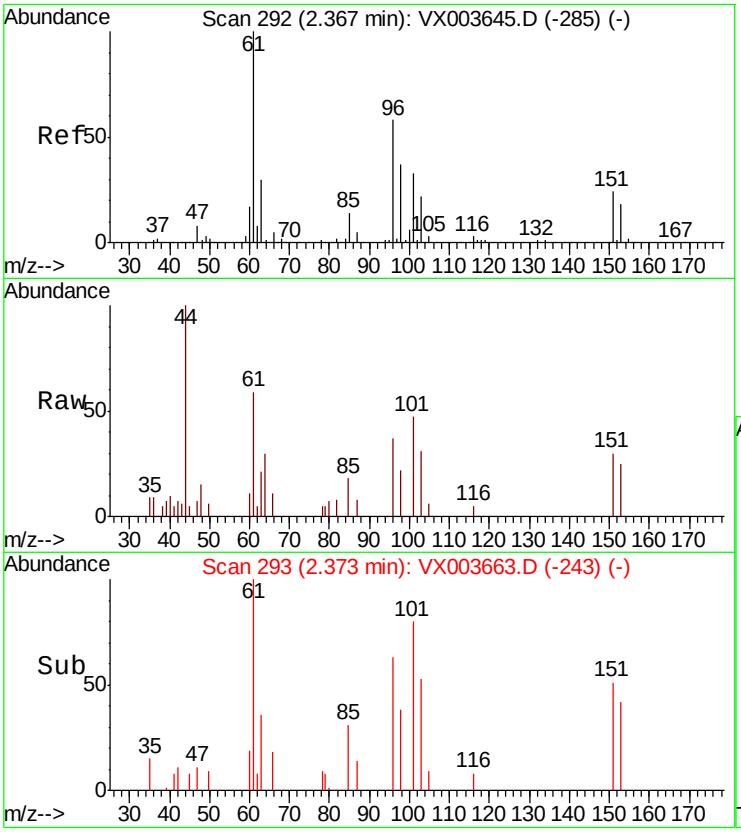




#11
Tert butyl alcohol
Concen: 1.325 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion: 59 Resp: 391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.2 | 12.4# |



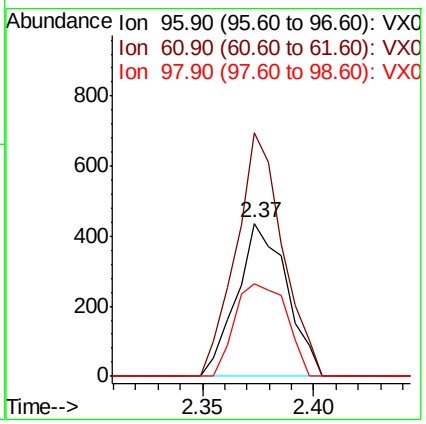


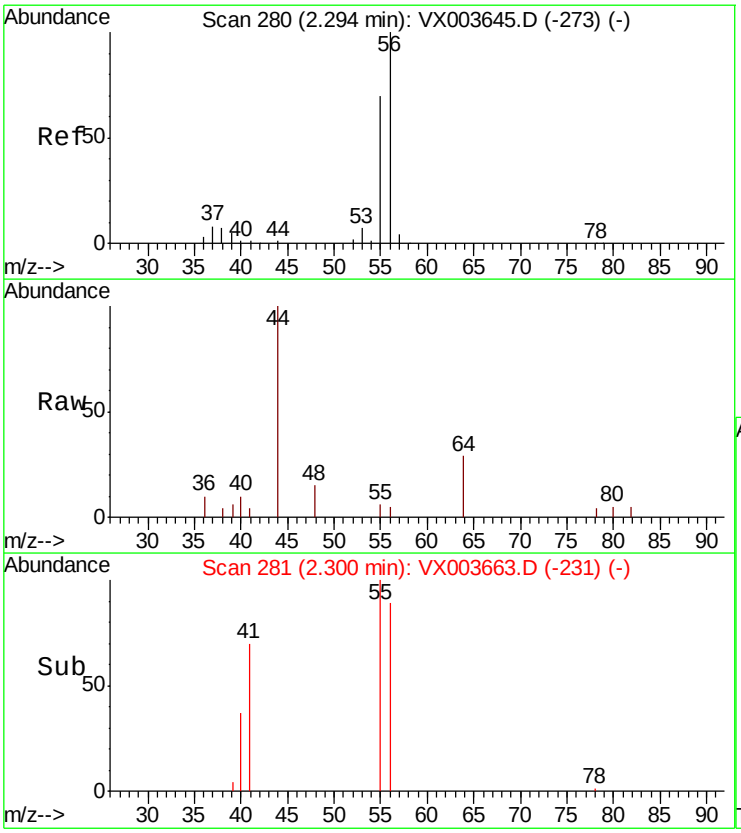

#12
1,1-Dichloroethene
Concen: 0.707 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE109D3-071618

Tgt Ion: 96 Resp: 682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 159.0 | 138.8 | 208.2 |
| 98 | 60.4 | 51.4 | 77.2 |

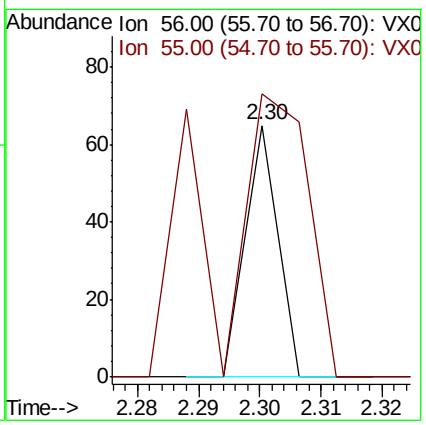


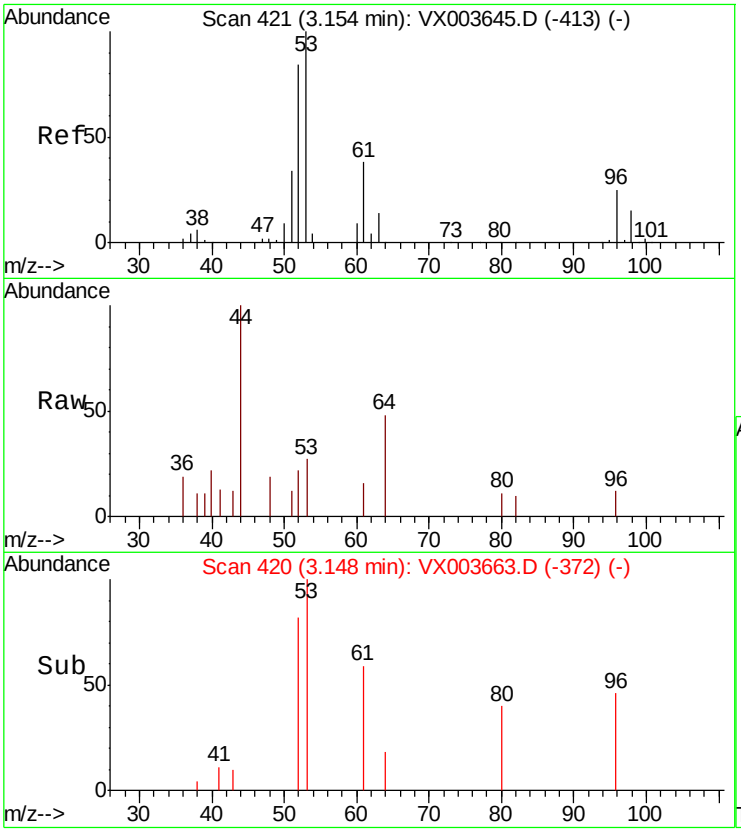




#13
Acrolein
Concen: 4.191 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion: 56 Resp: 24

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 316.7 | 55.4 | 83.2# |



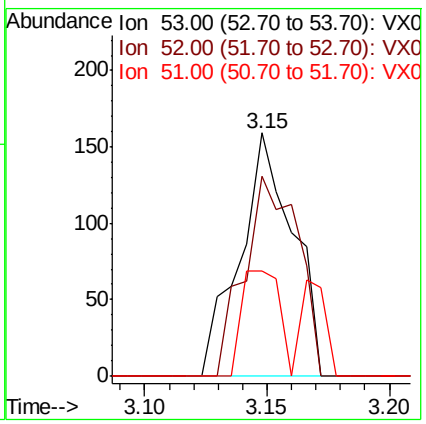


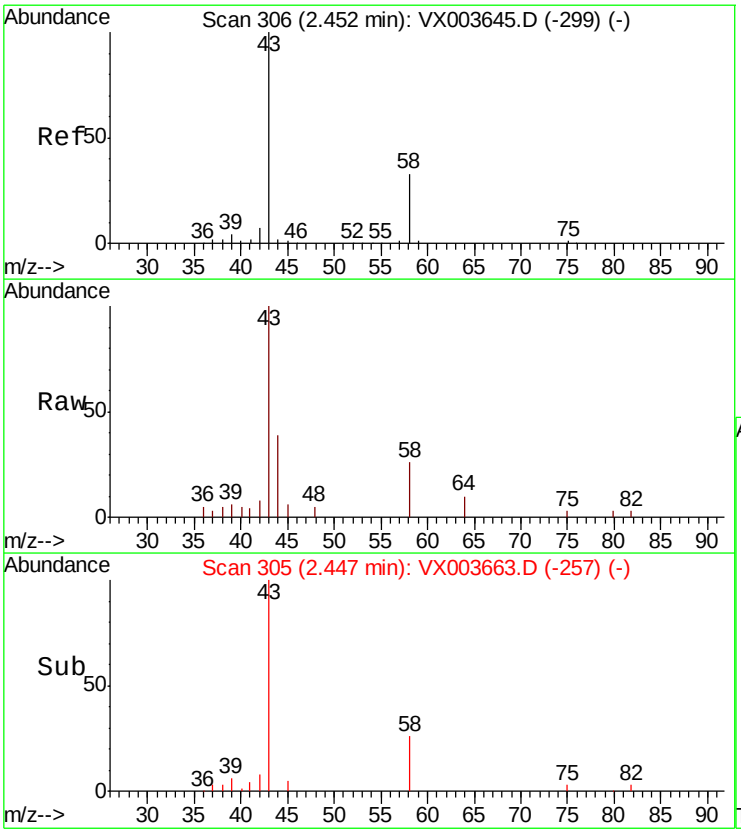

#15
Acrylonitrile
Concen: 0.337 ug/l
RT: 3.15 min Scan# 420
Delta R.T. -0.01 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE109D3-071618

Tgt Ion: 53 Resp: 240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.9 | 66.1 | 99.1 |
| 51 | 30.8 | 28.2 | 42.4 |

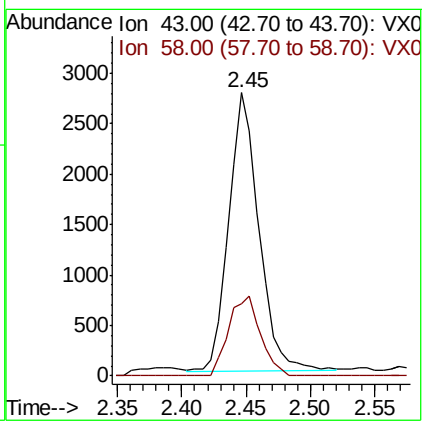


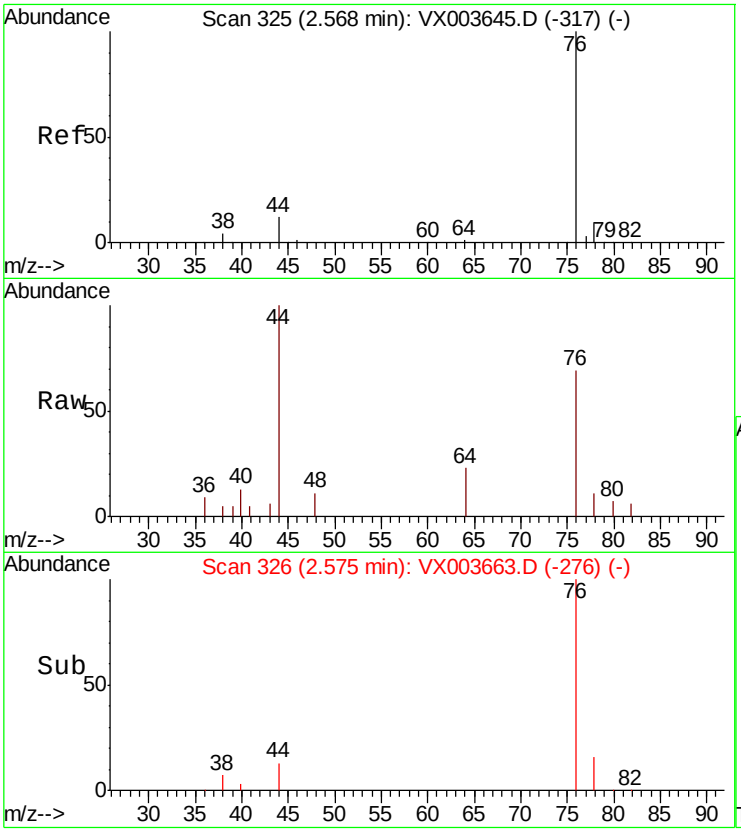




#16
Acetone
Concen: 7.783 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion: 43 Resp: 4515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.1 | 26.1 | 39.1 |



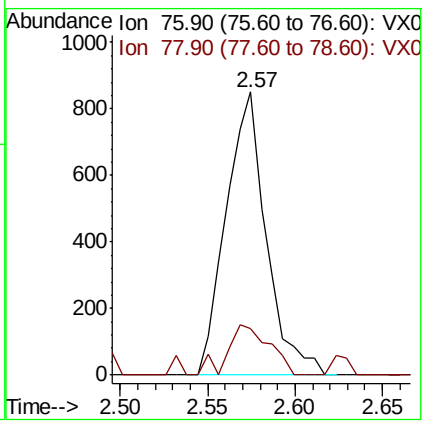


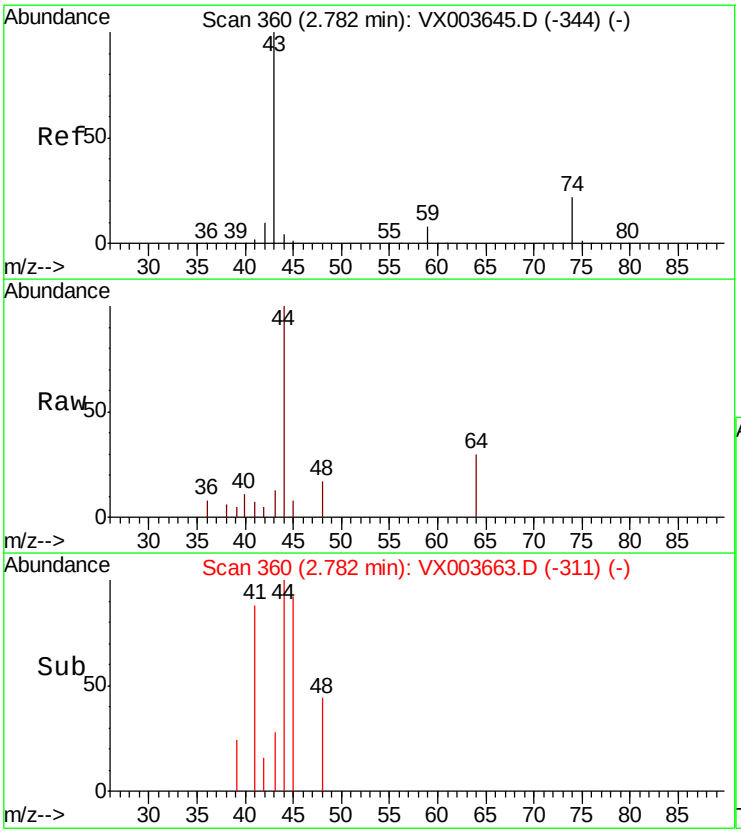

#17
Carbon Disulfide
Concen: 0.489 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

**Instrument :** MSVOA_X
**ClientSampleId :** RE109D3-071618

Tgt Ion: 76 Resp: 1357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 16.3 | 7.4 | 11.0# |

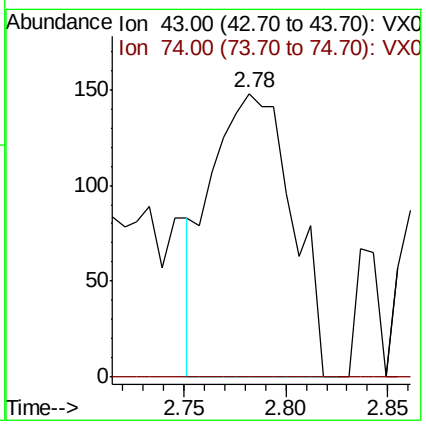


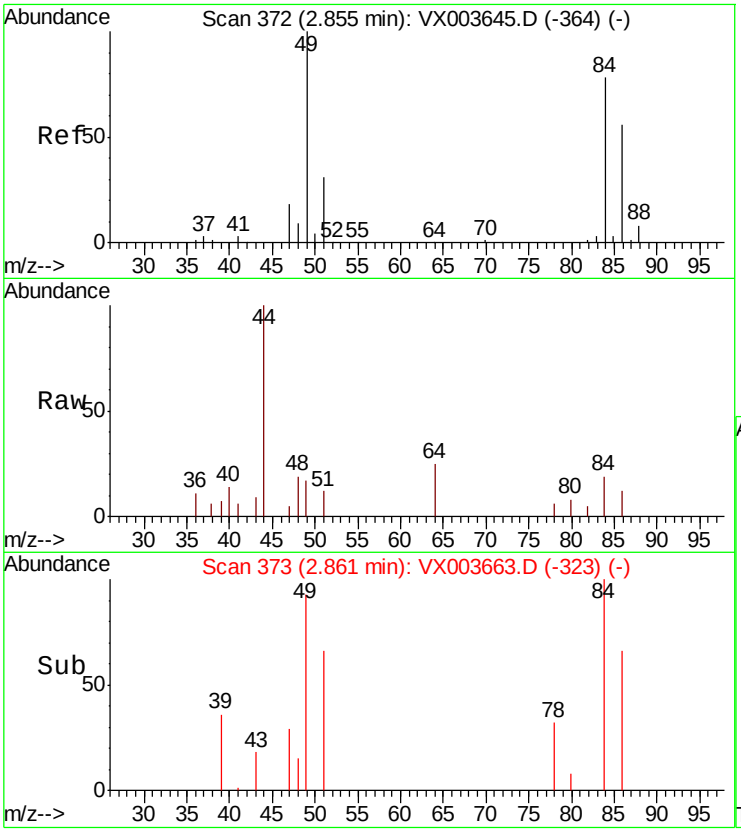




#18
Methyl Acetate
Concen: 0.233 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion: 43 Resp: 409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 17.8 | 26.8# |



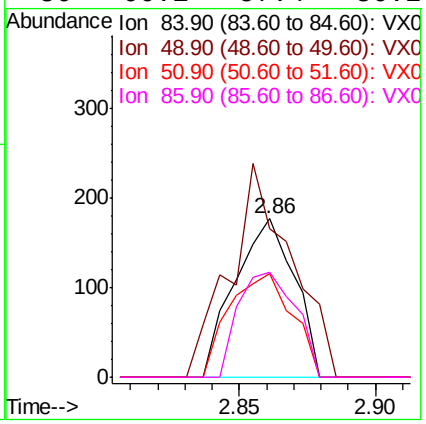


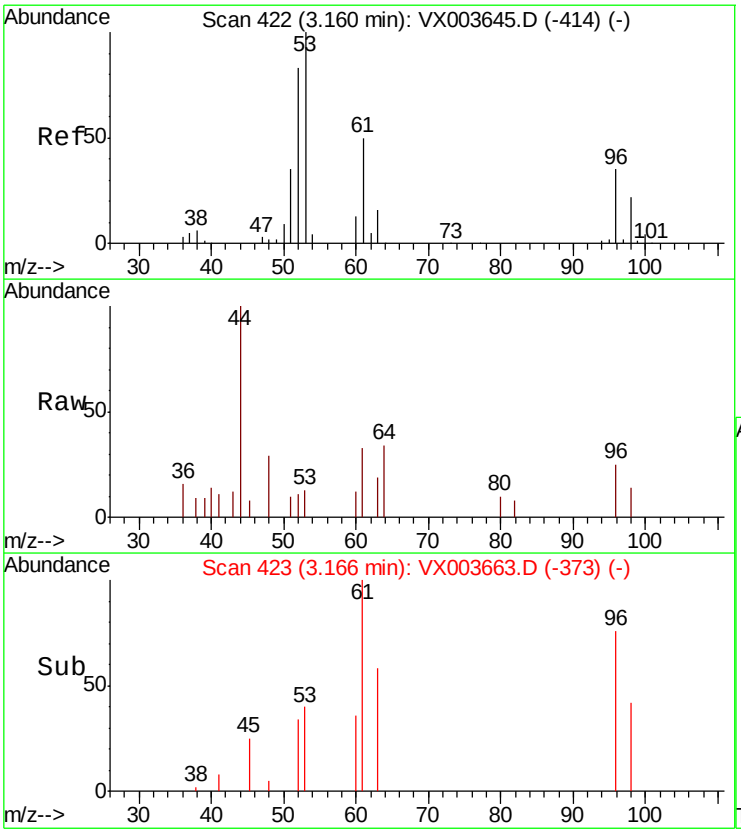

#20
Methylene Chloride
Concen: 0.233 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE109D3-071618

Tgt Ion: 84 Resp: 268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 93.2 | 102.3 | 153.5# |
| 51 | 65.5 | 31.8 | 47.8# |
| 86 | 66.1 | 57.4 | 86.2 |

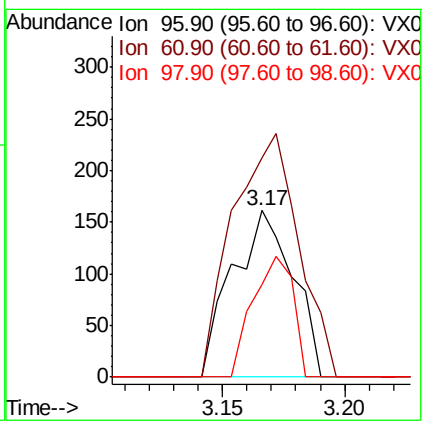


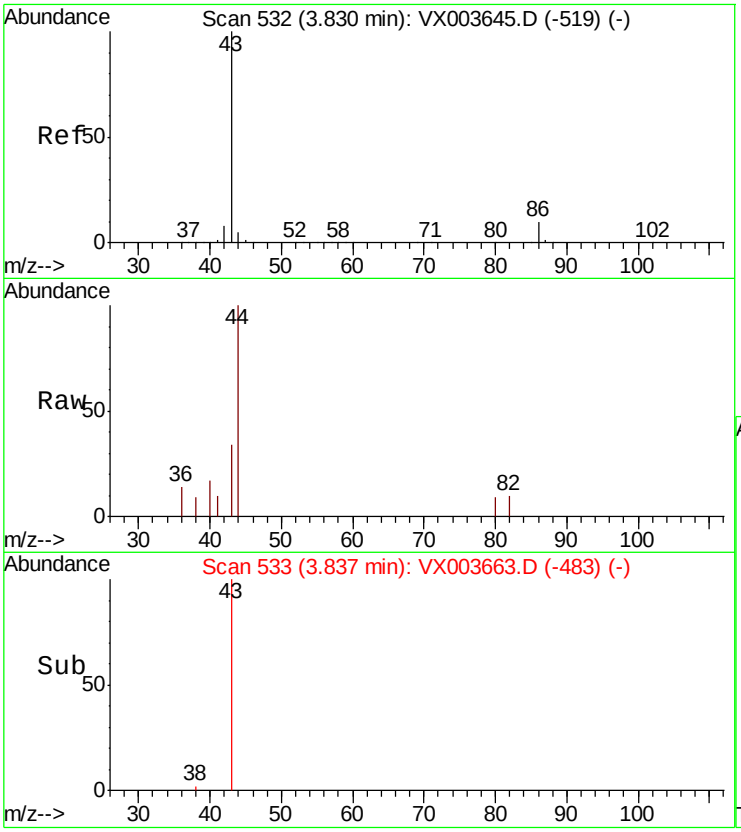




#21
trans-1,2-Dichloroethene
Concen: 0.270 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.01 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion: 96 Resp: 280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 131.7 | 115.0 | 172.4 |
| 98 | 55.9 | 49.7 | 74.5 |



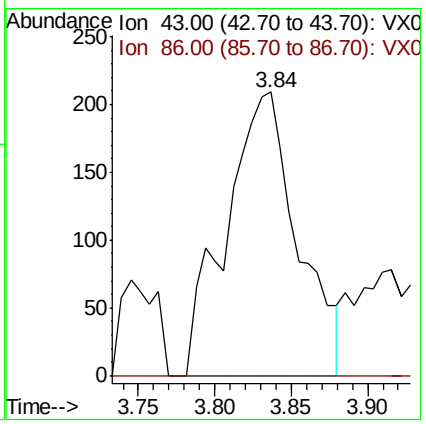


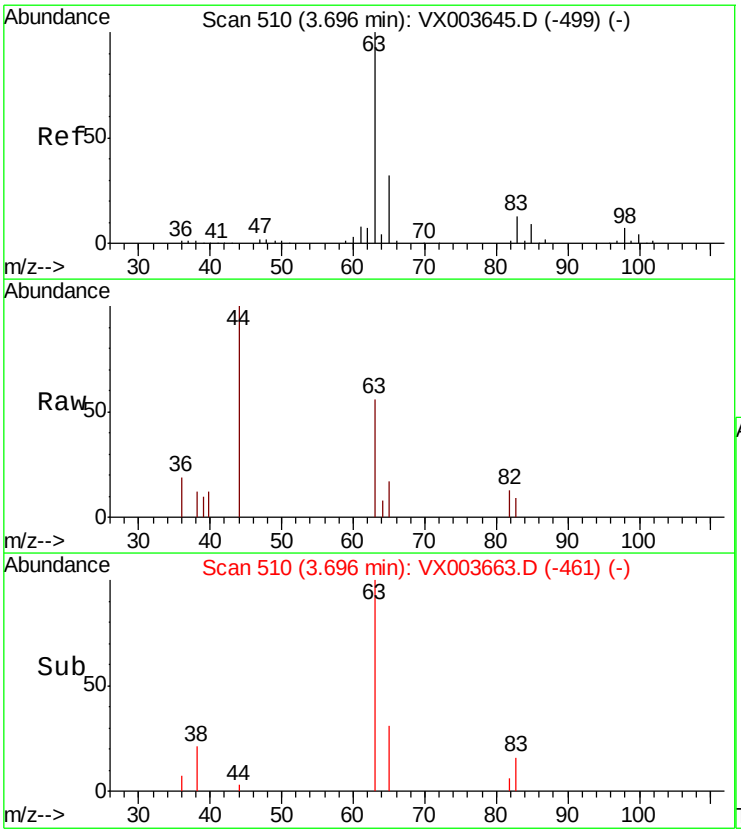

#23
Vinyl Acetate
Concen: 0.217 ug/l
RT: 3.84 min Scan# 533
Delta R.T. 0.01 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

**Instrument :** MSVOA_X
**ClientSampleId :** RE109D3-071618

Tgt Ion: 43 Resp: 682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 0.0 | 7.7 | 11.5# |

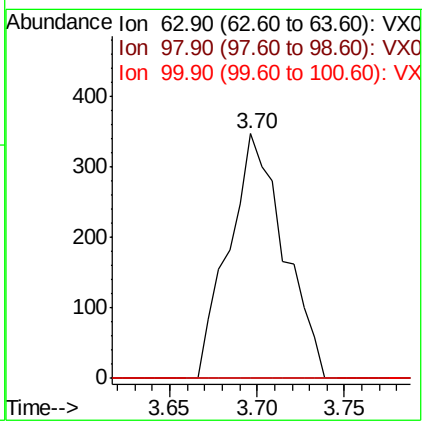


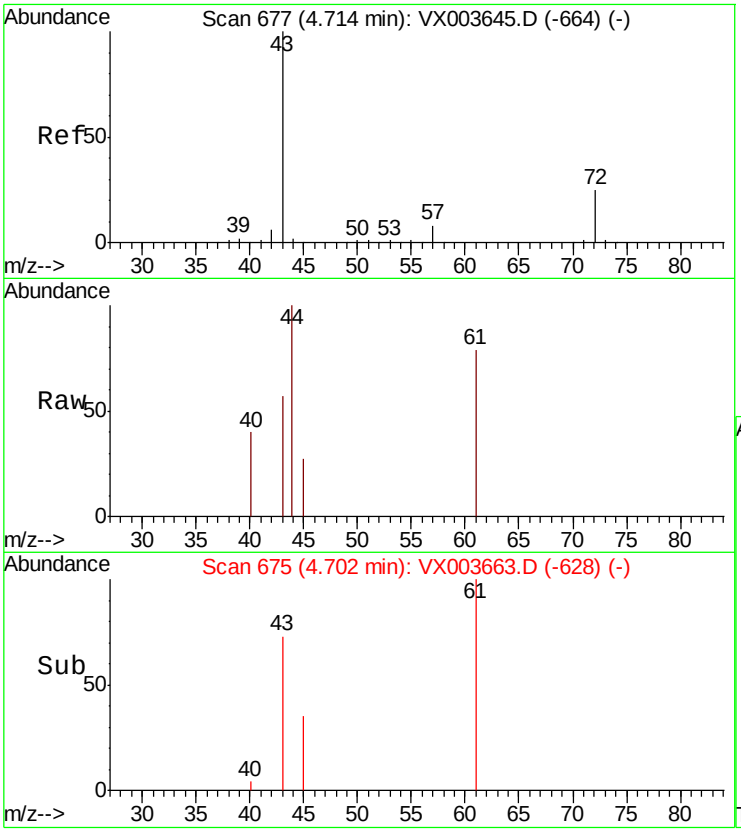




#24
1,1-Dichloroethane
Concen: 0.367 ug/l
RT: 3.70 min Scan# 510
Delta R.T. 0.00 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion: 63 Resp: 760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 0.0 | 3.3 | 9.8# |
| 100 | 0.0 | 2.1 | 6.3# |



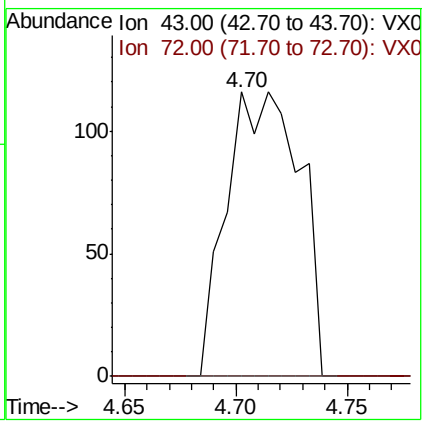


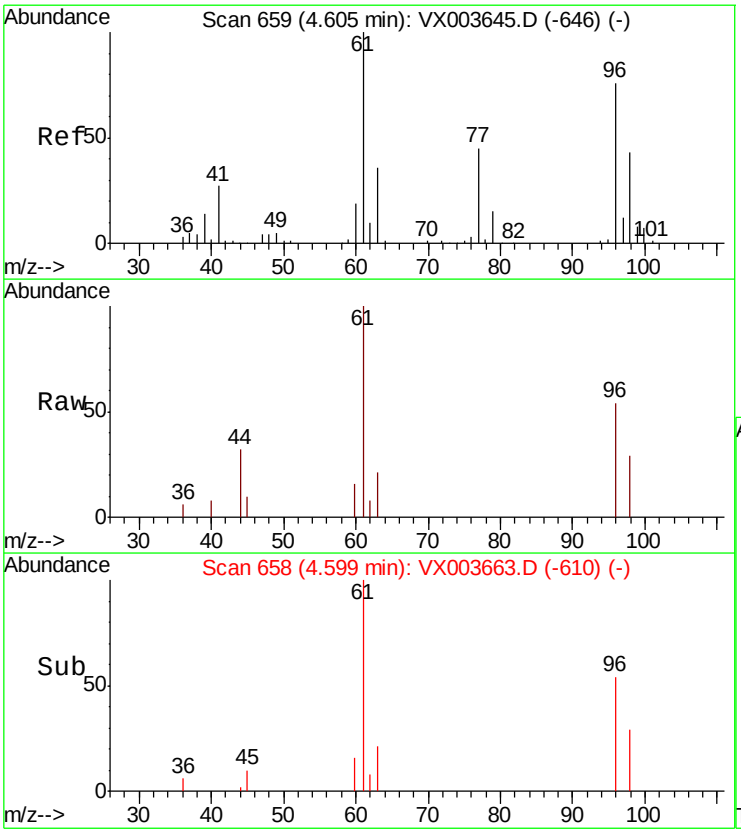

#25
2-Butanone
Concen: 0.297 ug/l
RT: 4.70 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

**Instrument :** MSVOA_X
**ClientSampleId :** RE109D3-071618

Tgt Ion: 43 Resp: 266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 20.2 | 30.4# |

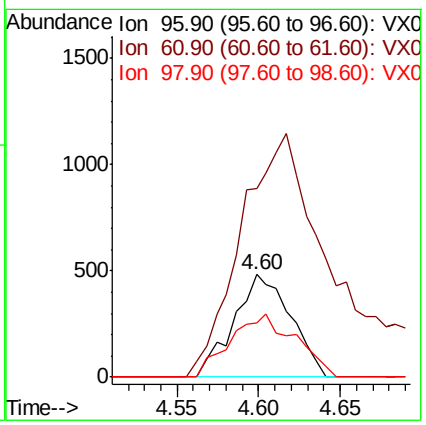


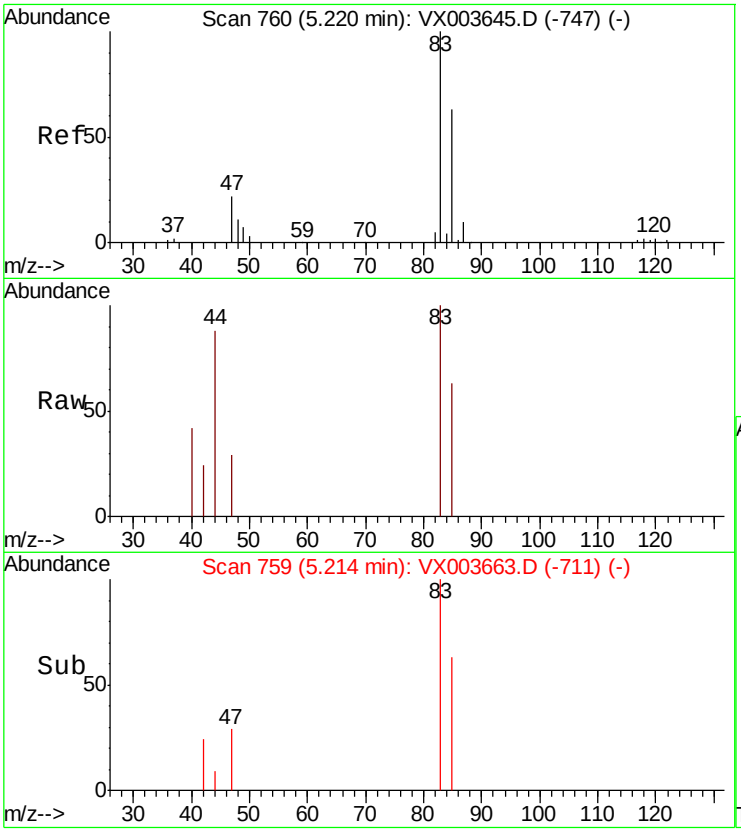




#27
cis-1,2-Dichloroethene
Concen: 1.037 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion: 96 Resp: 1167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 409.3 | 0.0 | 313.6# |
| 98 | 70.4 | 0.0 | 125.6 |



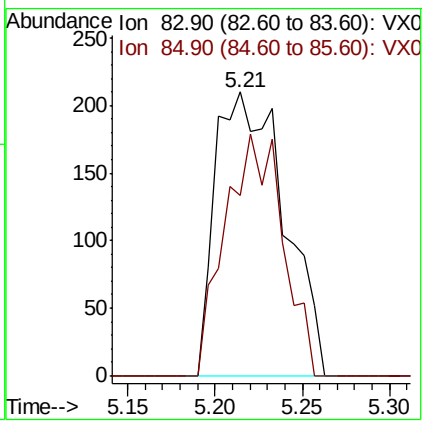


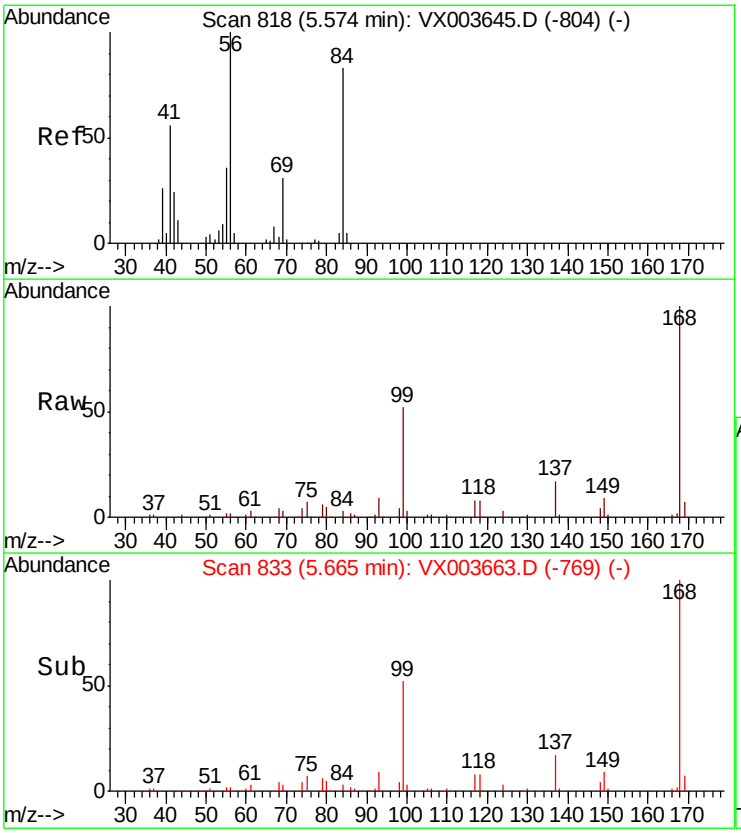

#30
Chloroform
Concen: 0.307 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE109D3-071618

Tgt Ion: 83 Resp: 576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.3 | 50.2 | 75.4 |

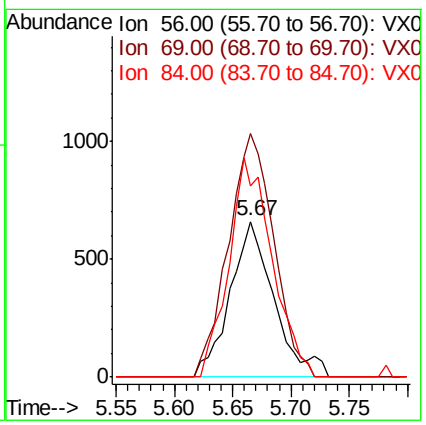


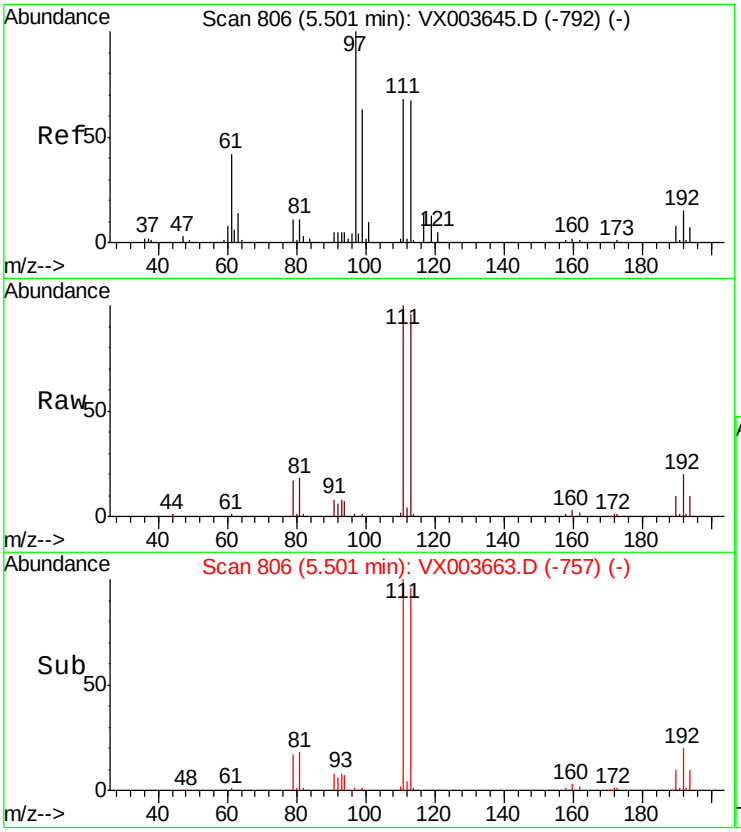




#31
Cyclohexane
Concen: 1.040 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion: 56 Resp: 1727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 156.3 | 25.0 | 37.6# |
| 84 | 122.8 | 66.5 | 99.7# |



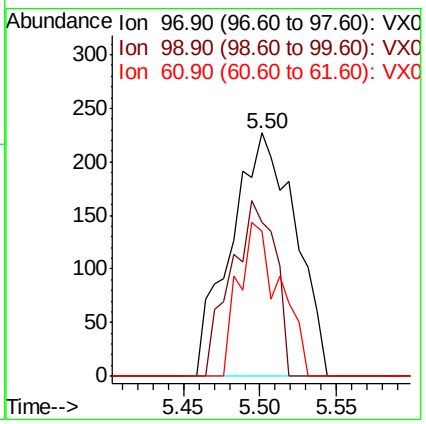


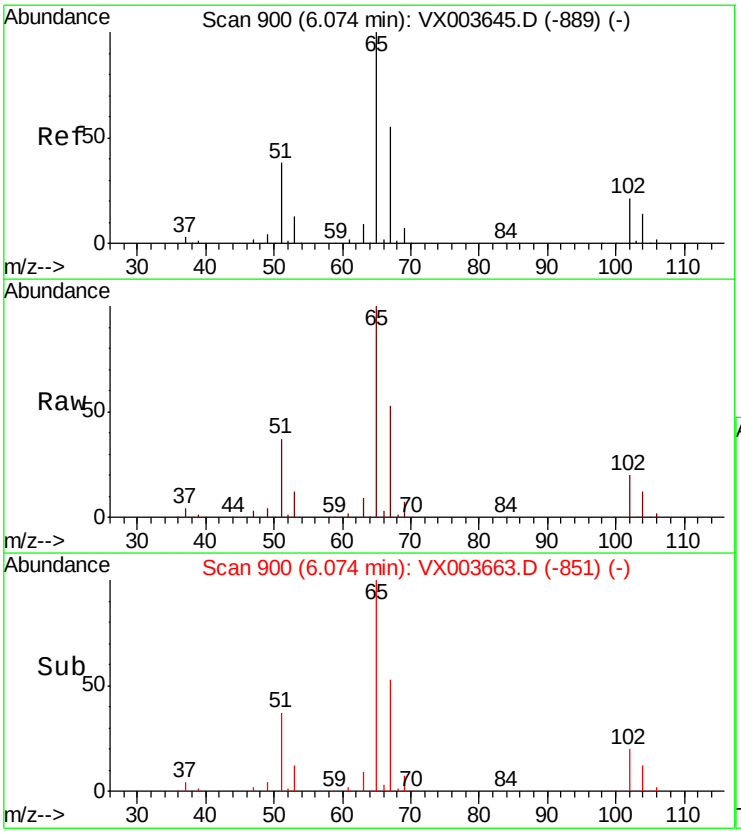

#32
1,1,1-Trichloroethane
Concen: 0.427 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE109D3-071618

Tgt Ion: 97 Resp: 666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 0.0 | 50.4 | 75.6# |
| 61 | 40.4 | 34.5 | 51.7 |

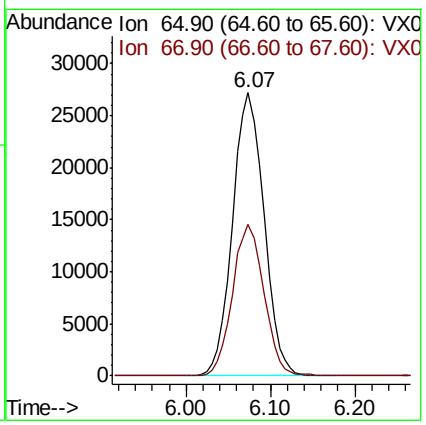


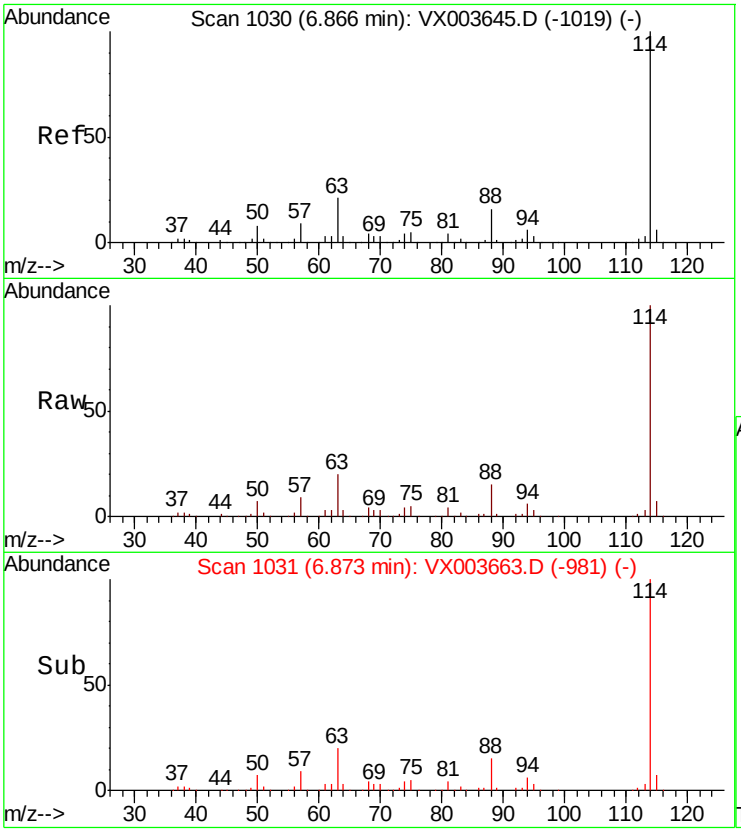




#33
1,2-Dichloroethane-d4
Concen: 55.672 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion: 65 Resp: 68743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.2 | 0.0 | 107.8 |



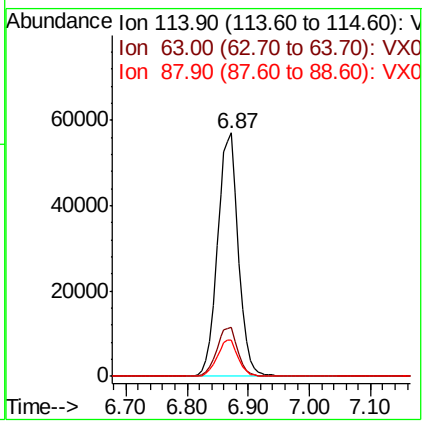


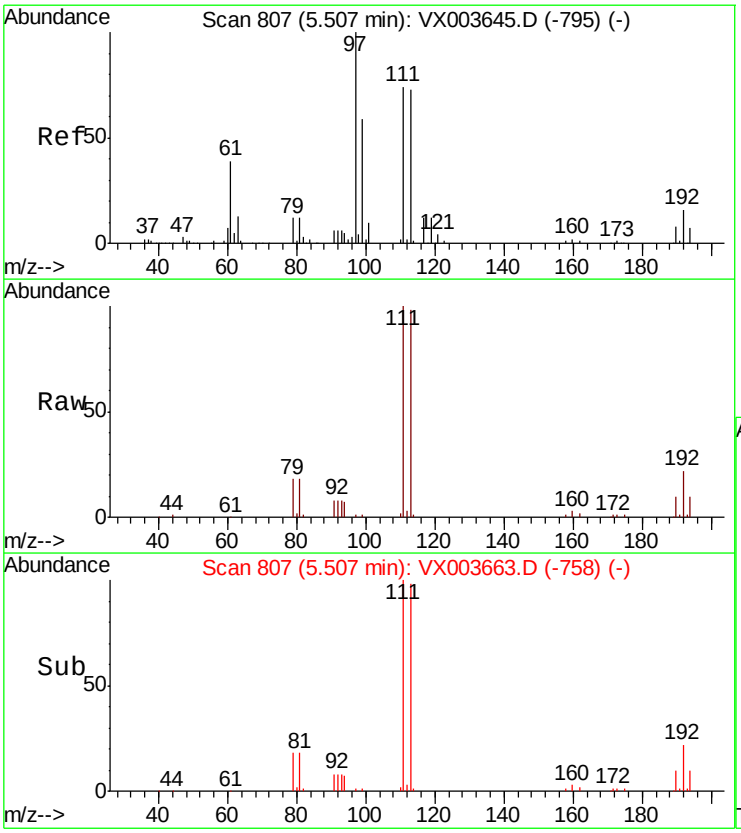

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE109D3-071618

Tgt Ion:114 Resp: 135715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.4 | 0.0 | 41.0 |
| 88 | 14.7 | 0.0 | 31.8 |

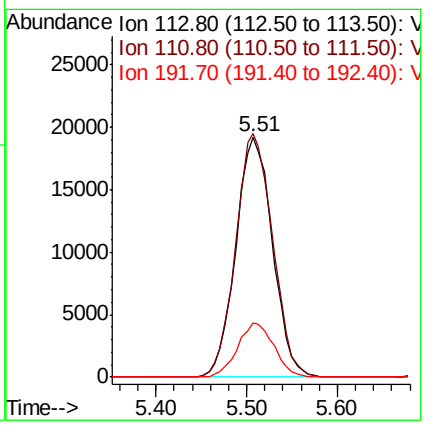


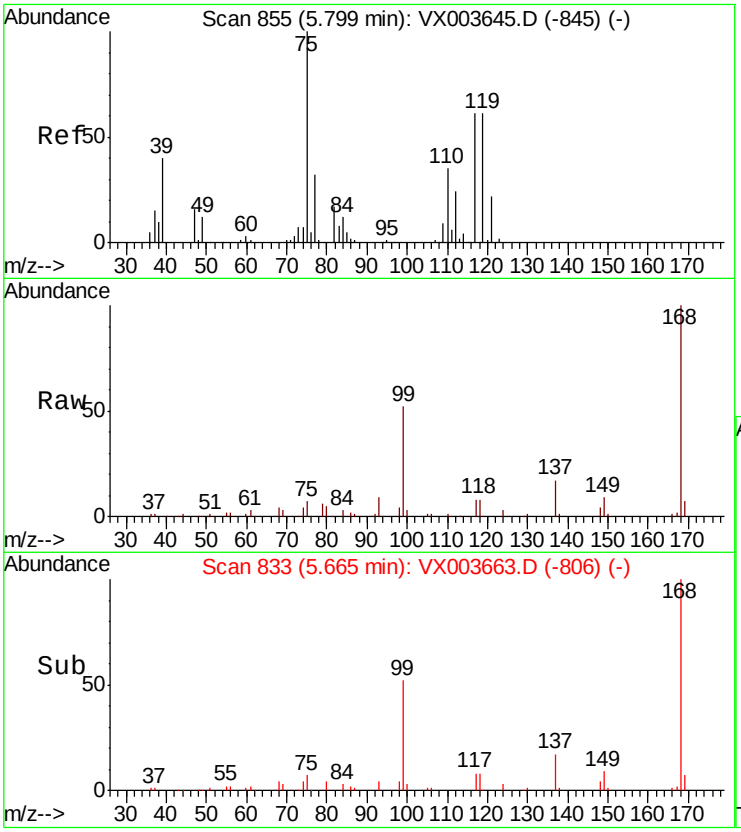




#35
Dibromofluoromethane
Concen: 48.372 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion:113 Resp: 53666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.8 | 81.2 | 121.8 |
| 192 | 22.3 | 18.2 | 27.4 |



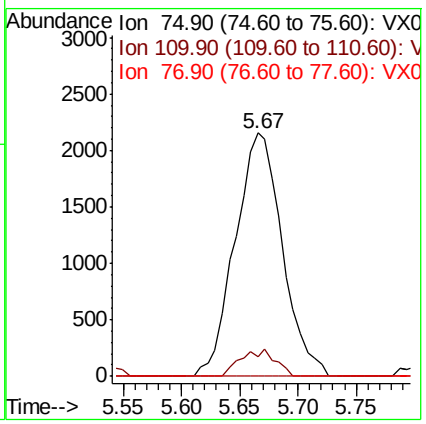


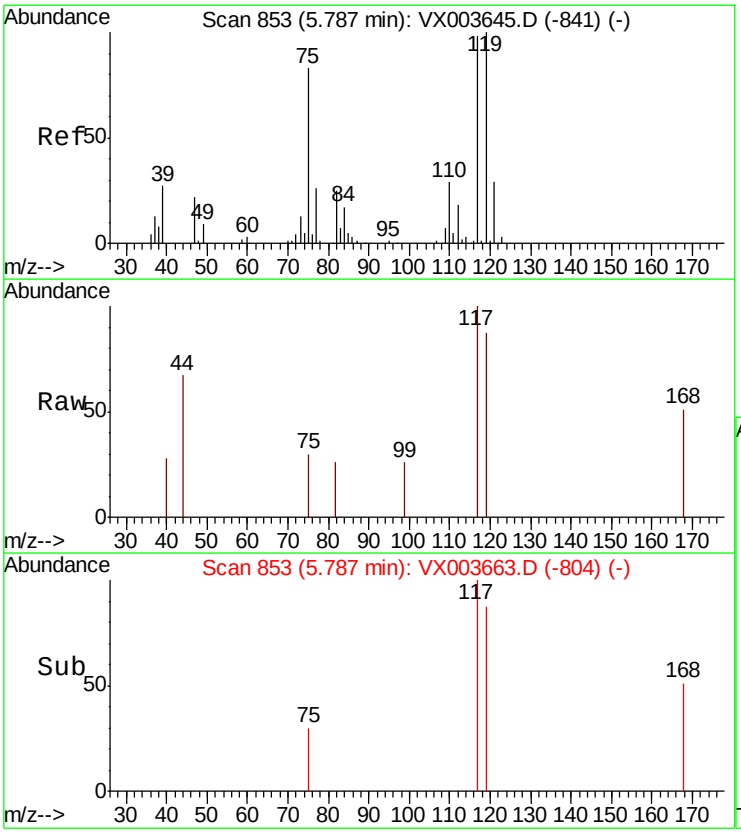

#36
1,1-Dichloropropene
Concen: 3.828 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE109D3-071618

Tgt Ion: 75 Resp: 6072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 8.2 | 18.1 | 54.1# |
| 77 | 0.0 | 25.1 | 37.7# |

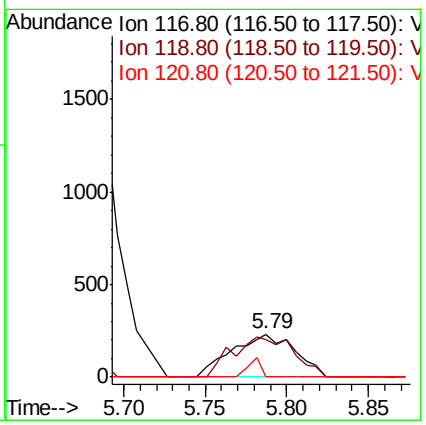


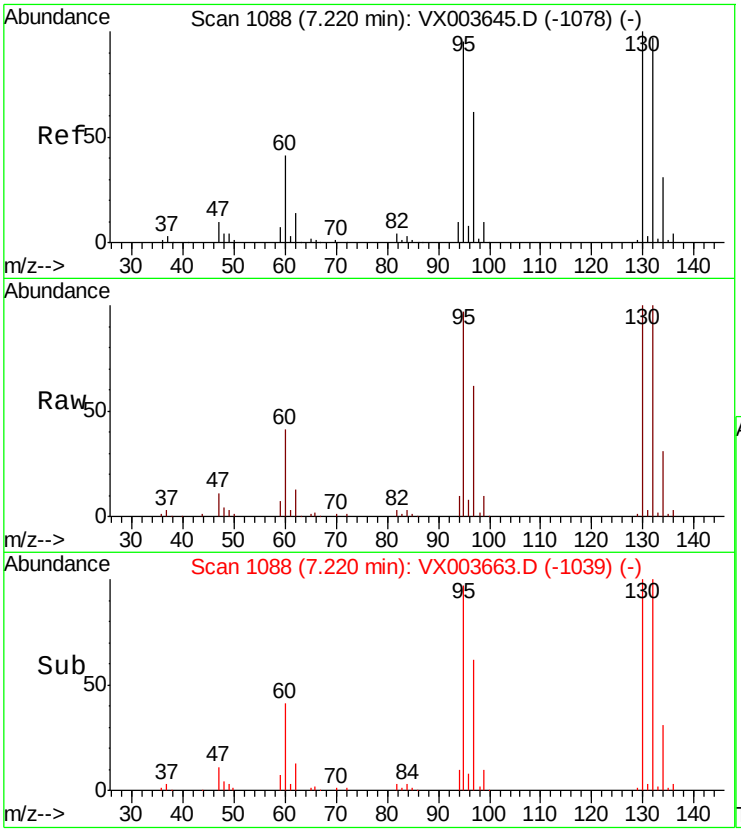




#38
Carbon Tetrachloride
Concen: 0.412 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion:117 Resp: 630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 87.4 | 81.0 | 121.4 |
| 121 | 0.0 | 23.7 | 35.5# |



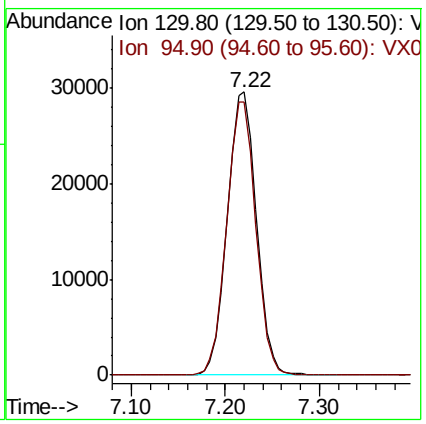


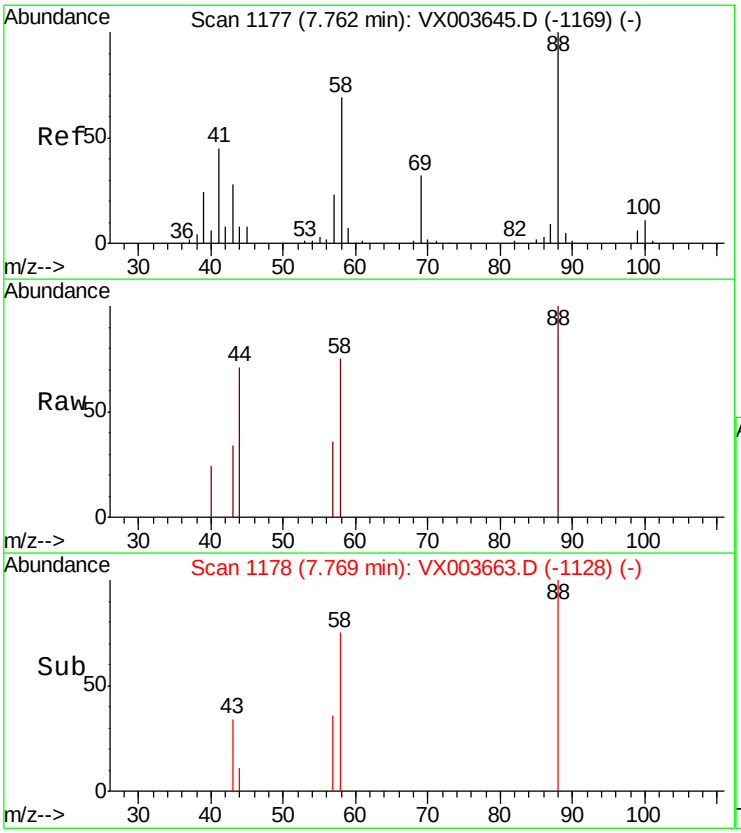

#44
Trichloroethene
Concen: 50.401 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE109D3-071618

Tgt Ion:130 Resp: 63437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 96.5 | 0.0 | 190.0 |

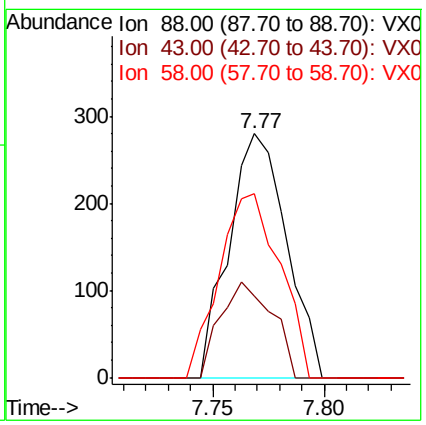


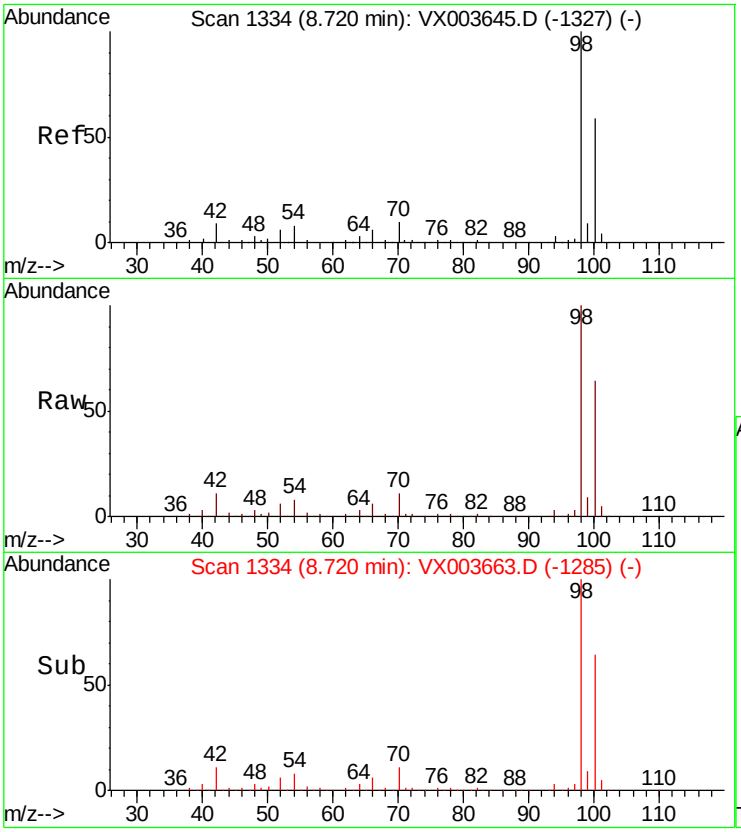




#49
1,4-Dioxane
Concen: 15.998 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion: 88 Resp: 504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 35.3 | 25.8 | 38.6 |
| 58 | 79.0 | 58.3 | 87.5 |



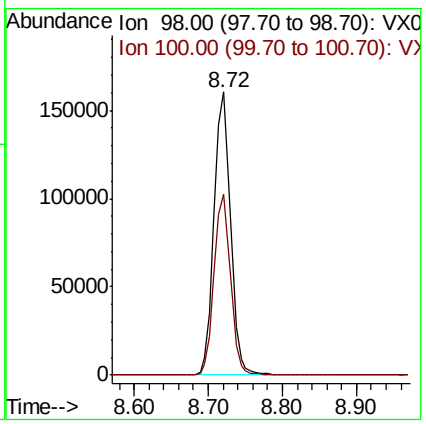


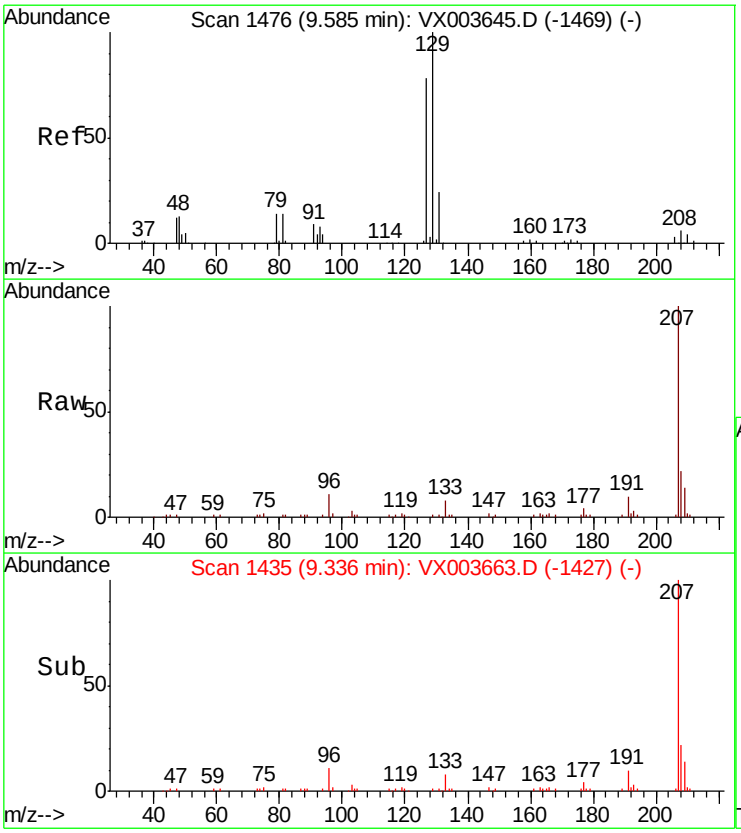

#50
Toluene-d8
Concen: 58.034 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE109D3-071618

Tgt Ion: 98 Resp: 245721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.6 | 50.9 | 76.3 |

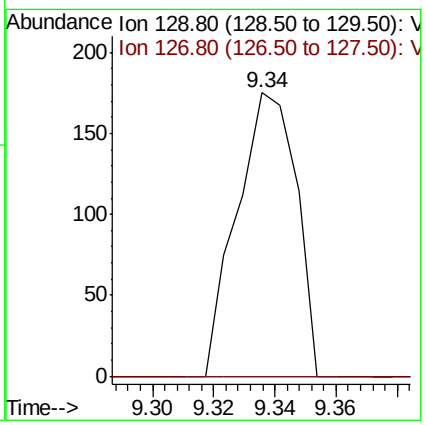


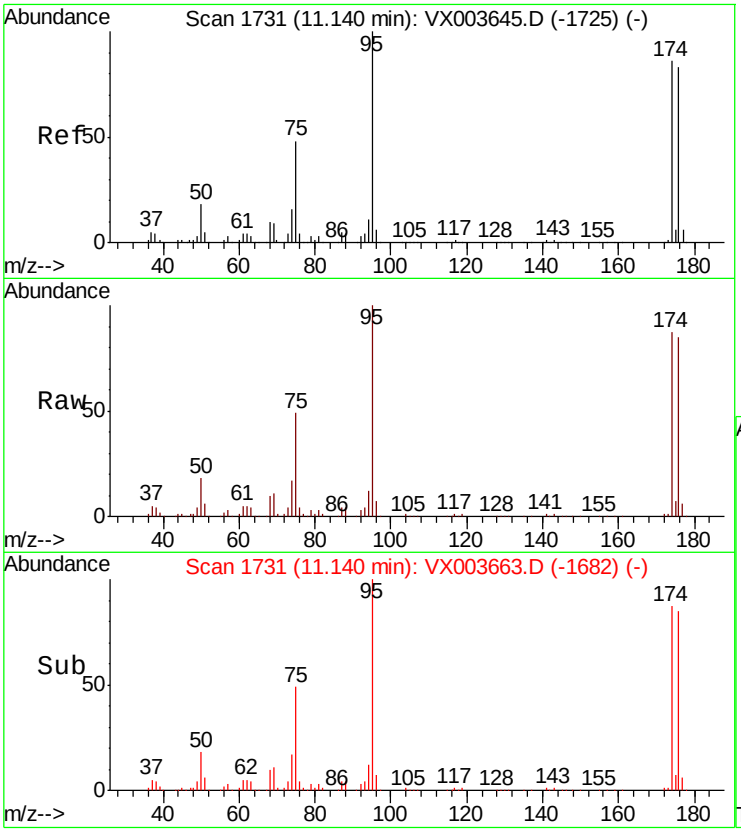




#60
Dibromochloromethane
Concen: 0.208 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.25 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion:129 Resp: 235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 38.7 | 116.1# |



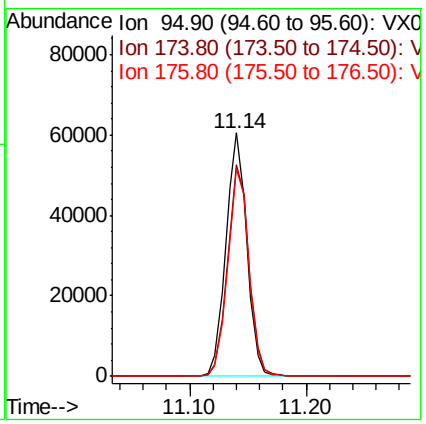


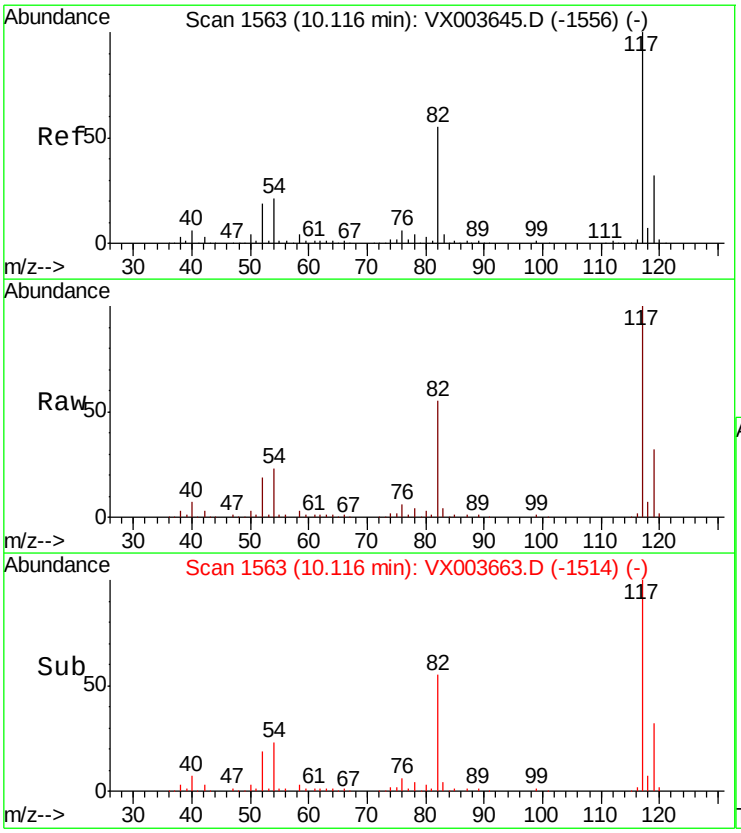

#62
4-Bromofluorobenzene
Concen: 48.851 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE109D3-071618

Tgt Ion: 95 Resp: 75442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 89.0 | 0.0 | 179.0 |
| 176 | 86.7 | 0.0 | 173.0 |

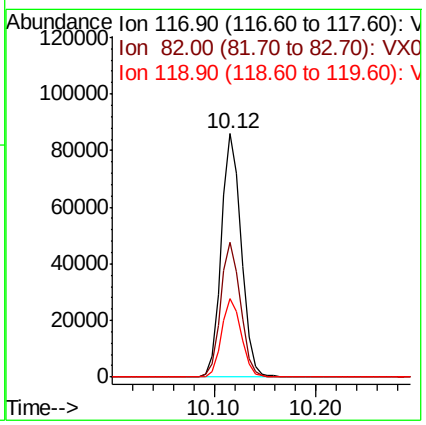


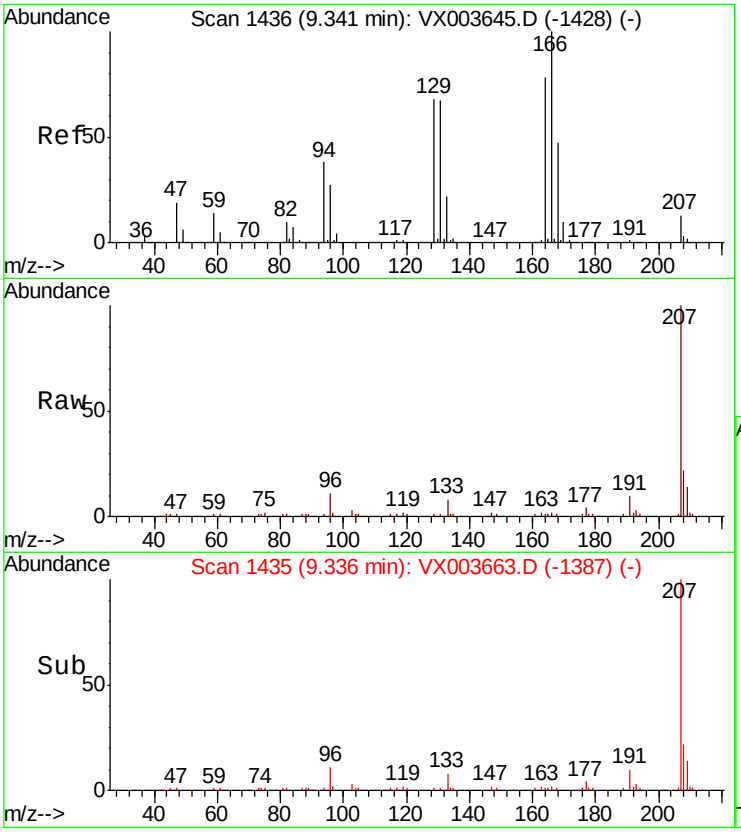




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion:117 Resp: 117286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.3 | 44.3 | 66.5 |
| 119 | 32.2 | 25.6 | 38.4 |



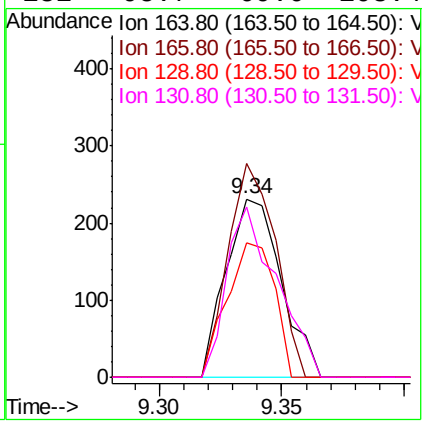


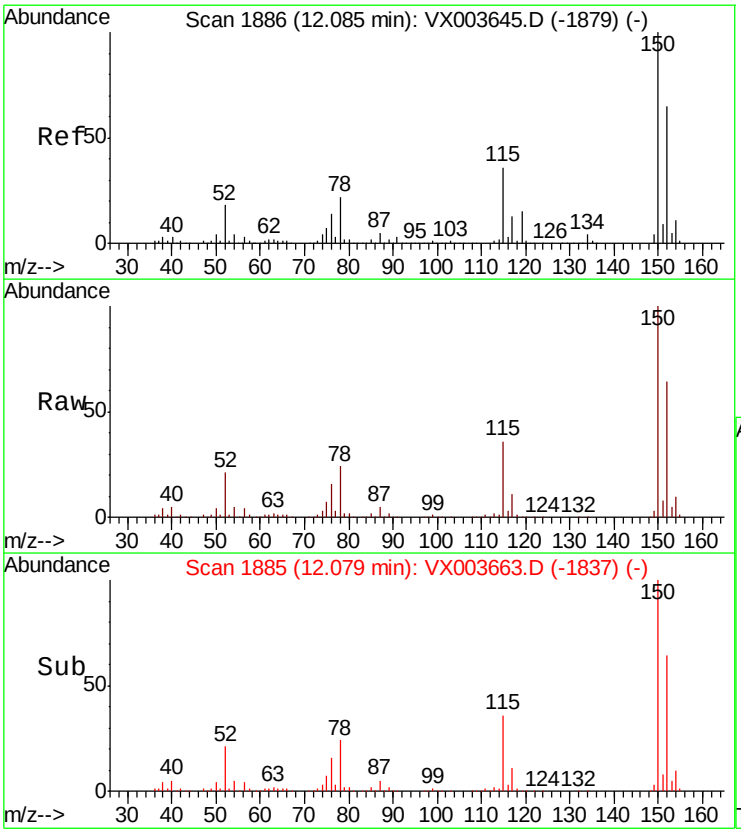

#64
Tetrachloroethene
Concen: 0.339 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE109D3-071618

Tgt Ion:164 Resp: 364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 119.9 | 102.4 | 153.6 |
| 129 | 75.8 | 69.6 | 104.4 |
| 131 | 95.7 | 69.0 | 103.4 |

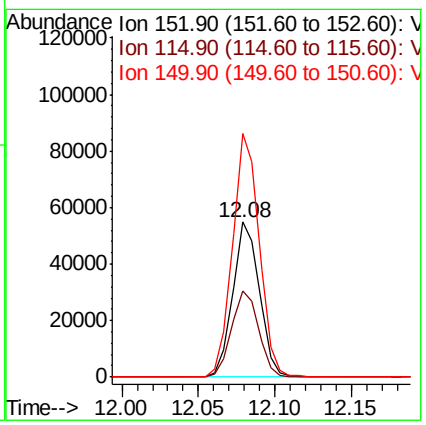


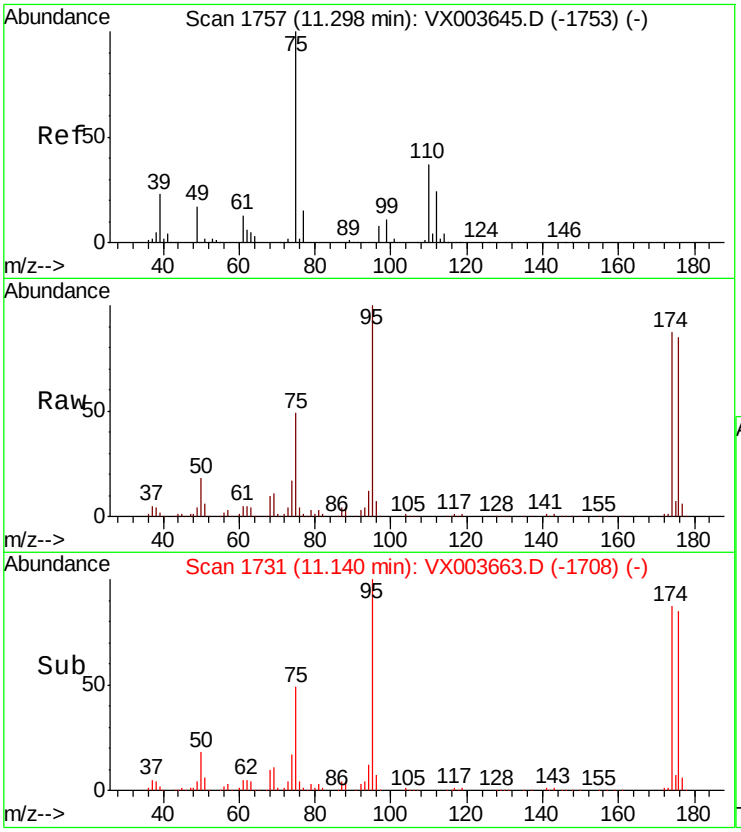




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion:152 Resp: 66182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 57.1 | 40.0 | 119.9 |
| 150 | 157.4 | 0.0 | 348.4 |



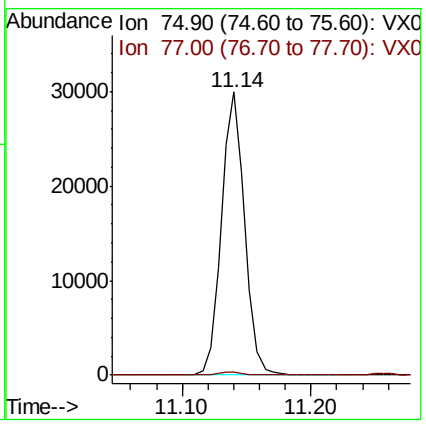


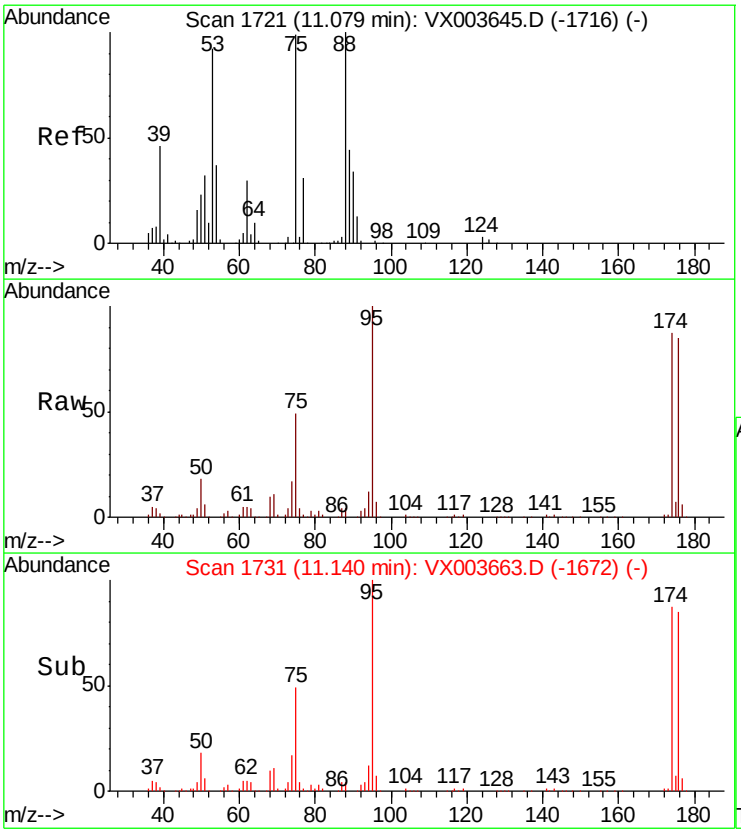

#76
1,2,3-Trichloropropane
Concen: 27.262 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE109D3-071618

Tgt Ion: 75 Resp: 37843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.1 | 21.6 | 64.6# |

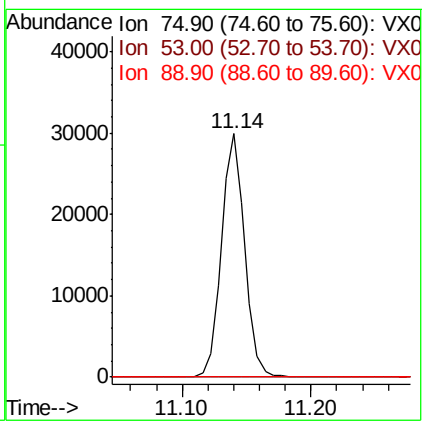


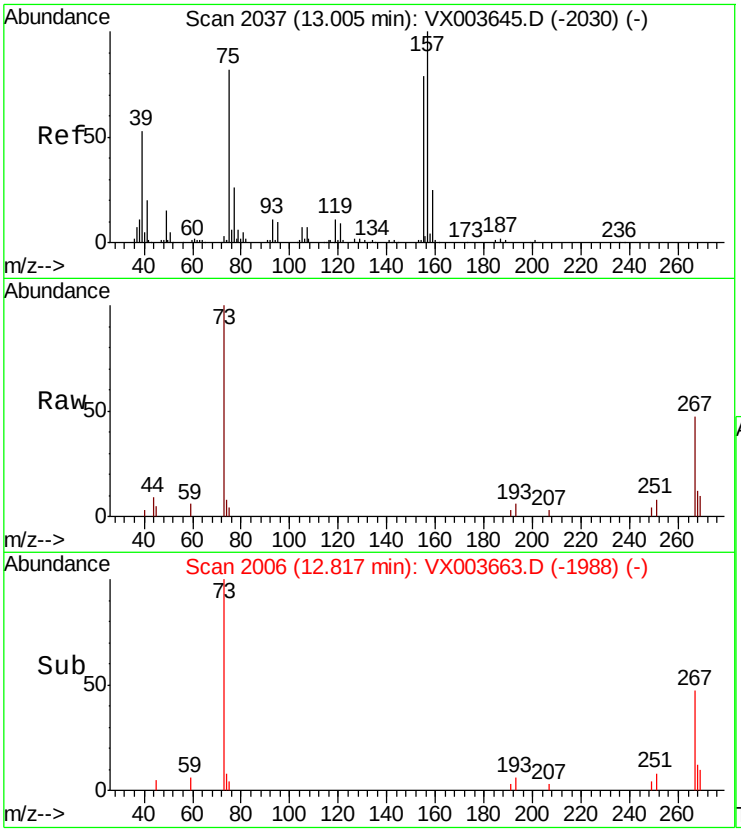




#81
trans-1,4-Dichloro-2-butene
Concen: 84.464 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion: 75 Resp: 37843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 77.8 | 116.8# |
| 89 | 0.0 | 36.6 | 54.8# |



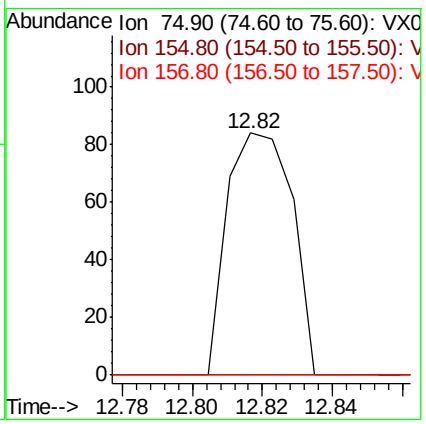


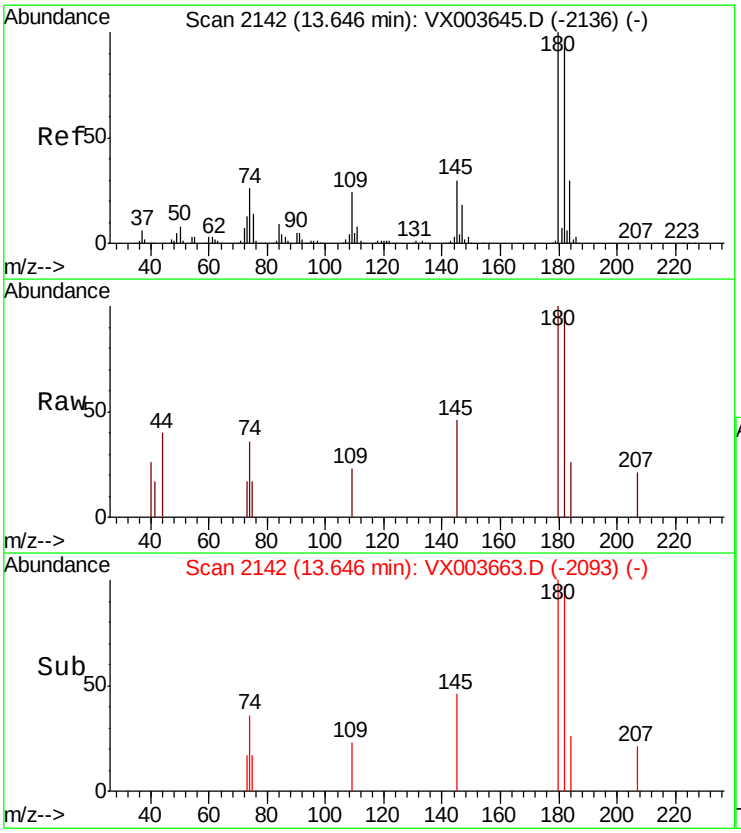

#92
1,2-Dibromo-3-Chloropropane
Concen: 0.311 ug/l
RT: 12.82 min Scan# 2006
Delta R.T. -0.19 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE109D3-071618

Tgt Ion: 75 Resp: 108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 0.0 | 46.1 | 138.3# |
| 157 | 0.0 | 59.7 | 179.0# |

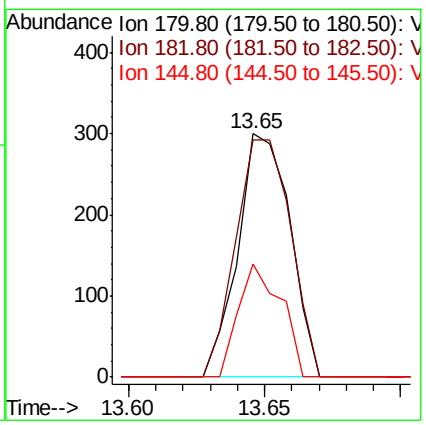


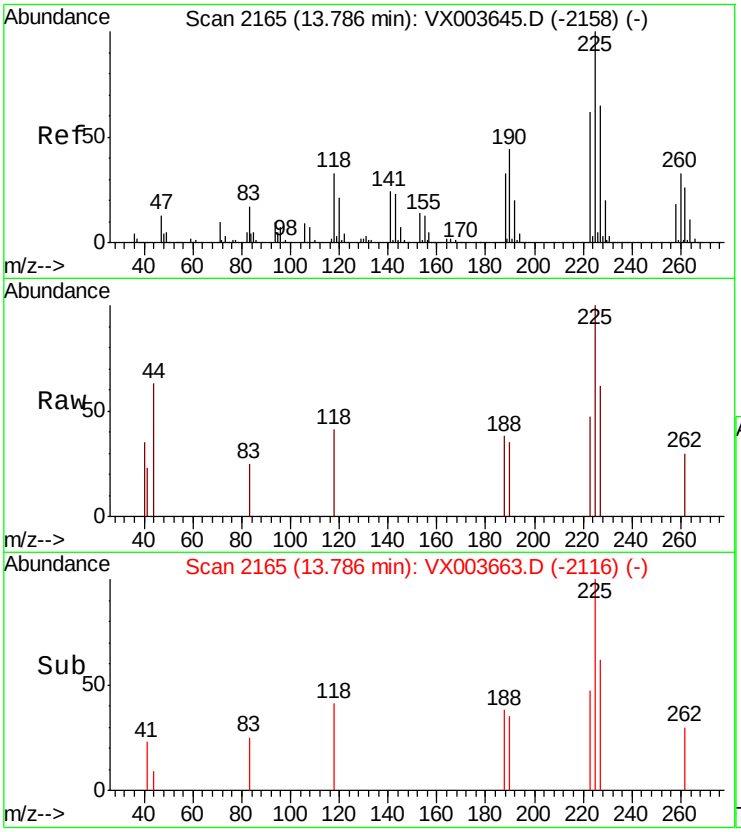




#93
1,2,4-Trichlorobenzene
Concen: 0.239 ug/l
RT: 13.65 min Scan# 2142
Delta R.T. 0.00 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion:180 Resp: 399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 103.0 | 47.9 | 143.8 |
| 145 | 37.8 | 14.4 | 43.2 |






#94
Hexachlorobutadiene
Concen: 0.316 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE109D3-071618

Tgt Ion:225 Resp: 244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 57.4 | 30.9 | 92.5 |
| 227 | 53.7 | 31.9 | 95.7 |