Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110918\
Data File : VX005884.D
Acq On : 10 Nov 2018 02:11
Operator : JC/MD
Sample : J5889-07
Misc : 10.71g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** DUP

Quant Time: Nov 11 23:57:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.66 | 168 | 134935 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 190719 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 168238 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 87747 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 78291 | 50.47 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.94% | | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 62247 | 47.99 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.98% | | | | |
| 50) Toluene-d8 | 8.71 | 98 | 222168 | 51.52 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 103.04% | | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 78885 | 50.88 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.76% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 5) Bromomethane | 1.64 | 94 | 472 | 0.481 | ug/l | | 97 |
| 6) Chloroethane | 1.73 | 64 | 339 | 0.354 | ug/l | # | 4 |
| 11) Tert butyl alcohol | 3.03 | 59 | 2196 | 4.942 | ug/l | # | 72 |
| 18) Methyl Acetate | 2.81 | 43 | 3797 | 0.220 | ug/l | | 93 |
| 20) Methylene Chloride | 2.85 | 84 | 599 | 0.437 | ug/l | # | 79 |
| 25) 2-Butanone | 4.74 | 43 | 872 | 0.664 | ug/l | | 96 |
| 31) Cyclohexane | 5.65 | 56 | 2356 | 1.090 | ug/l | # | 1 |
| 36) 1,1-Dichloropropene | 5.65 | 75 | 9204 | 5.006 | ug/l | # | 49 |
| 38) Carbon Tetrachloride | 5.66 | 117 | 12736 | 6.919 | ug/l | # | 16 |
| 51) 4-Methyl-2-Pentanone | 8.71 | 43 | 1130 | 0.512 | ug/l | # | 1 |
| 52) Toluene | 8.78 | 92 | 638 | 0.213 | ug/l | | 86 |
| 68) m/p-Xylenes | 10.36 | 106 | 581 | 0.282 | ug/l | | 98 |
| 74) N-amyl acetate | 10.91 | 43 | 50 | 1.268 | ug/l | # | 1 |
| 76) 1,2,3-Trichloropropane | 11.14 | 75 | 38740 | 21.682 | ug/l | # | 36 |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75 | 38740 | 69.105 | ug/l | # | 9 |
| 95) Naphthalene | 13.83 | 128 | 1811 | 1.458 | ug/l | | 98 |

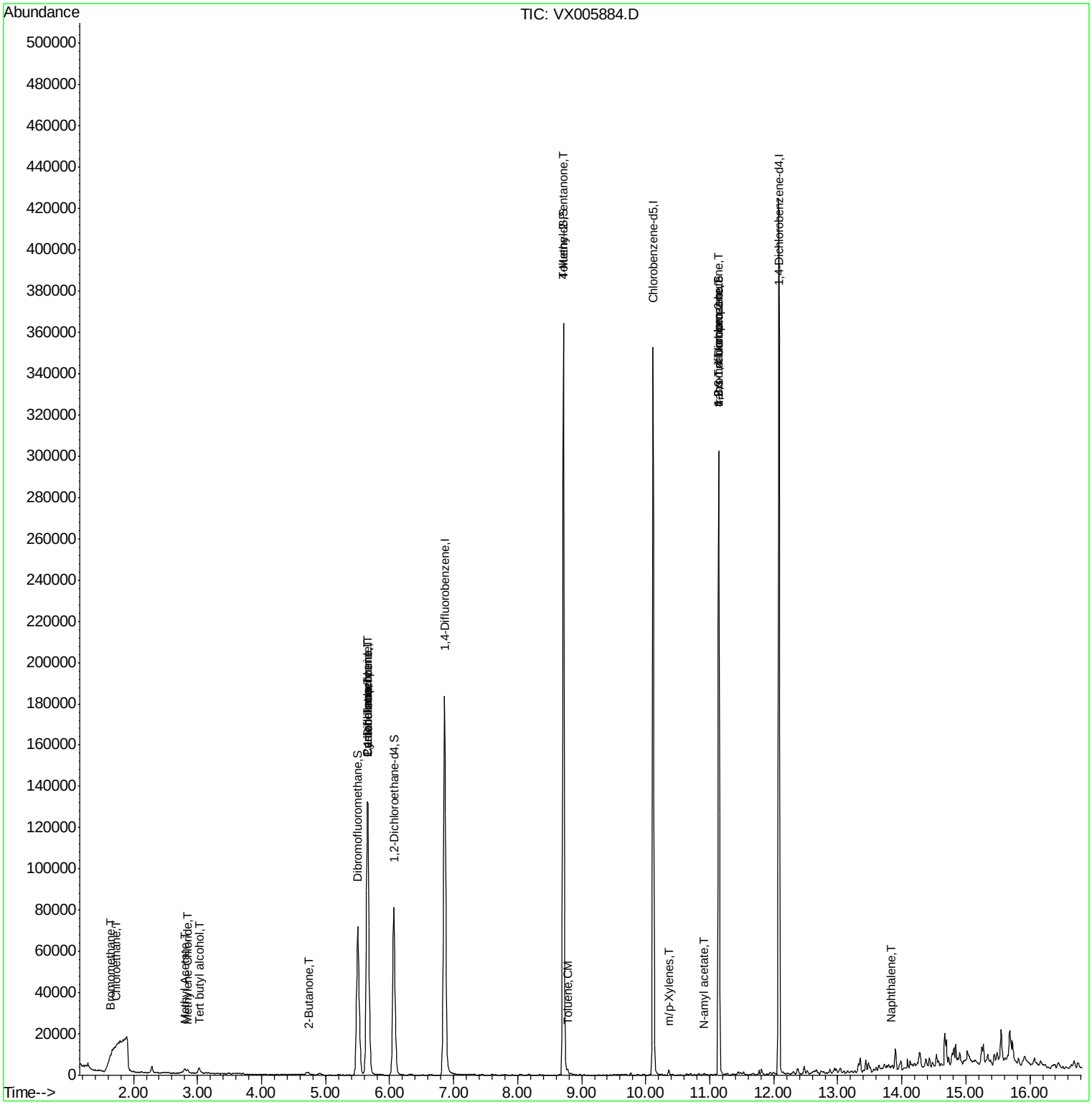
(#) = qualifier out of range (m) = manual integration (+) = signals summed

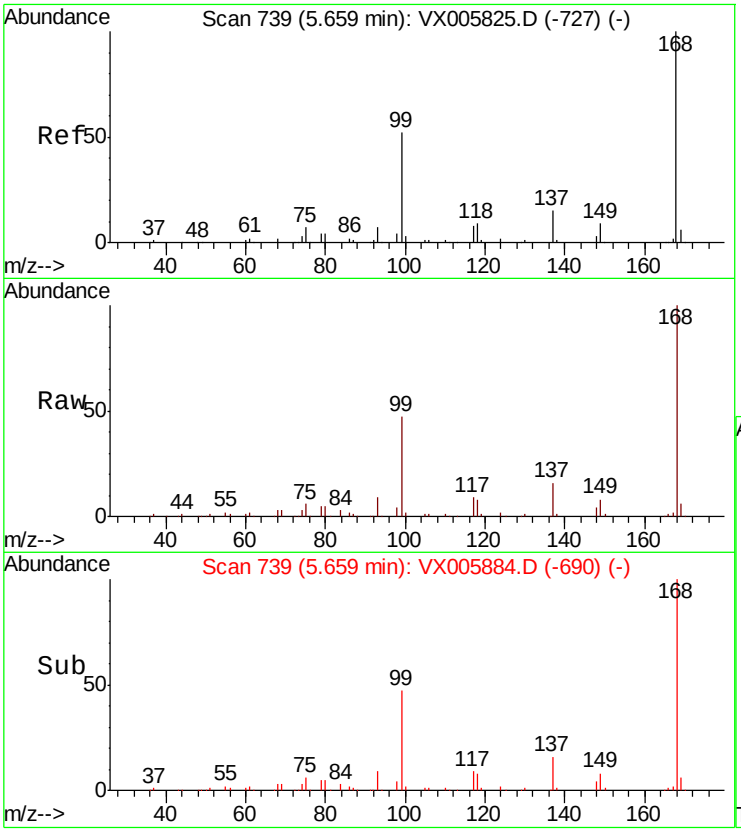
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110918\
Data File : VX005884.D
Acq On : 10 Nov 2018 02:11
Operator : JC/MD
Sample : J5889-07
Misc : 10.71g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
DUP

Quant Time: Nov 11 23:57:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration



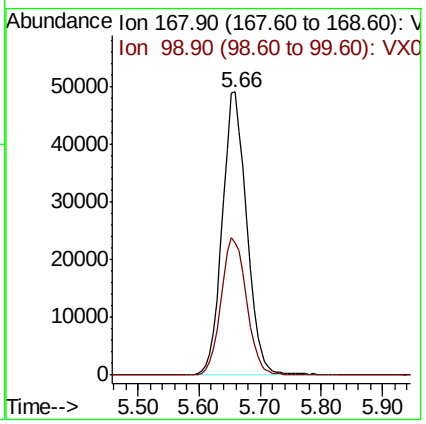


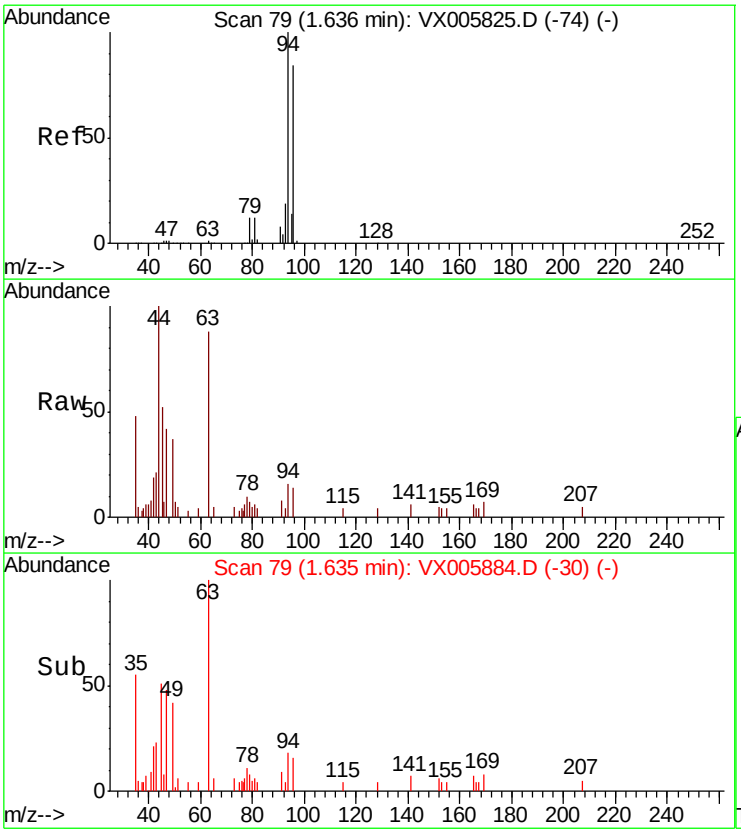

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

**Instrument :**
MSVOA_X
**ClientSampleId :**
DUP

Tgt Ion:168 Resp: 134935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 46.7 | 40.7 | 61.1 |

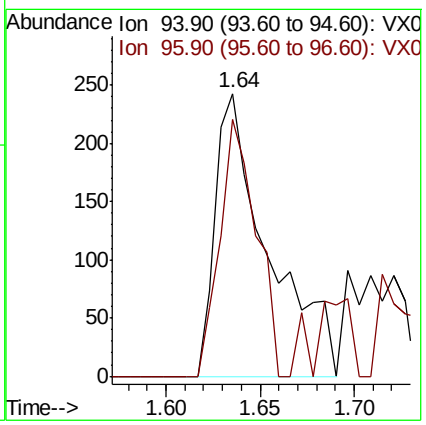


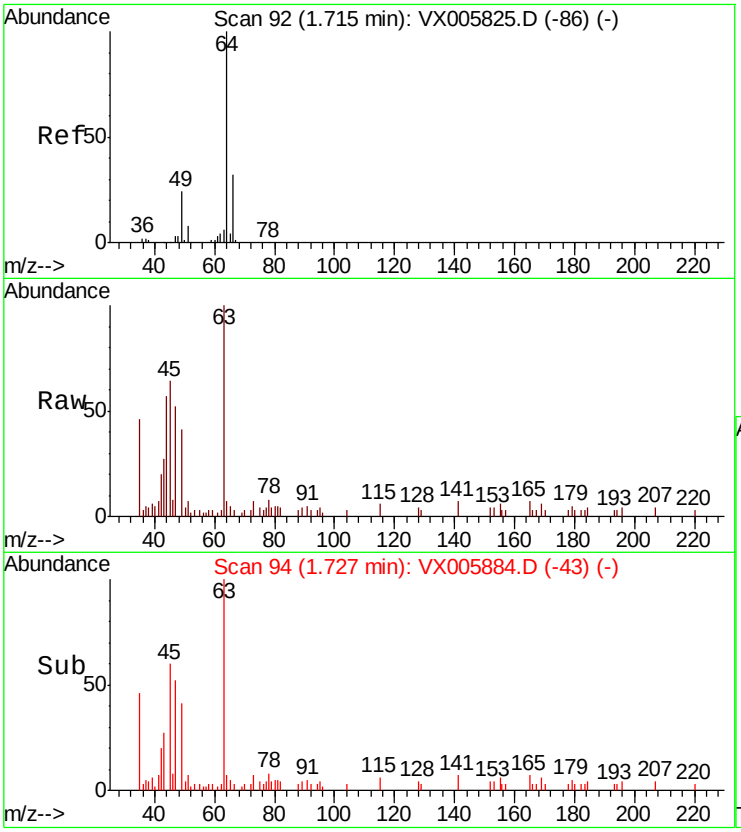




#5
Bromomethane
Concen: 0.481 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.00 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

Tgt Ion: 94 Resp: 472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 90.9 | 75.2 | 112.8 |



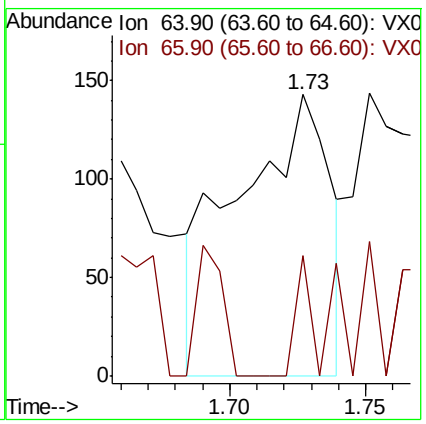


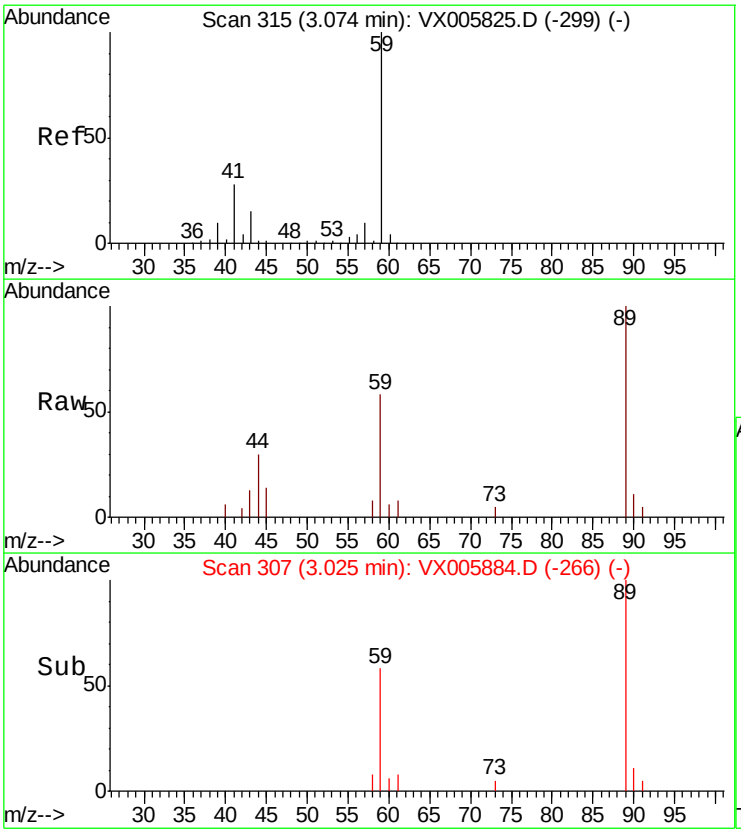

#6
Chloroethane
Concen: 0.354 ug/l
RT: 1.73 min Scan# 94
Delta R.T. 0.01 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

**Instrument :**
MSVOA_X
**ClientSampleId :**
DUP

Tgt Ion: 64 Resp: 339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 85.9 | 25.8 | 38.6# |

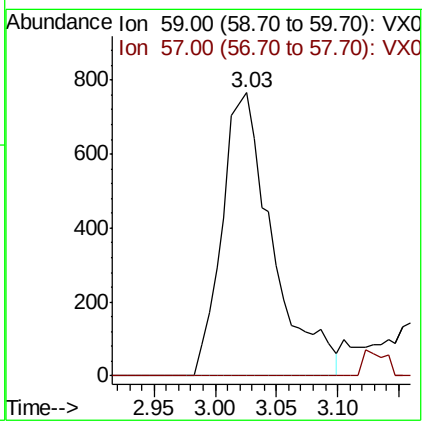


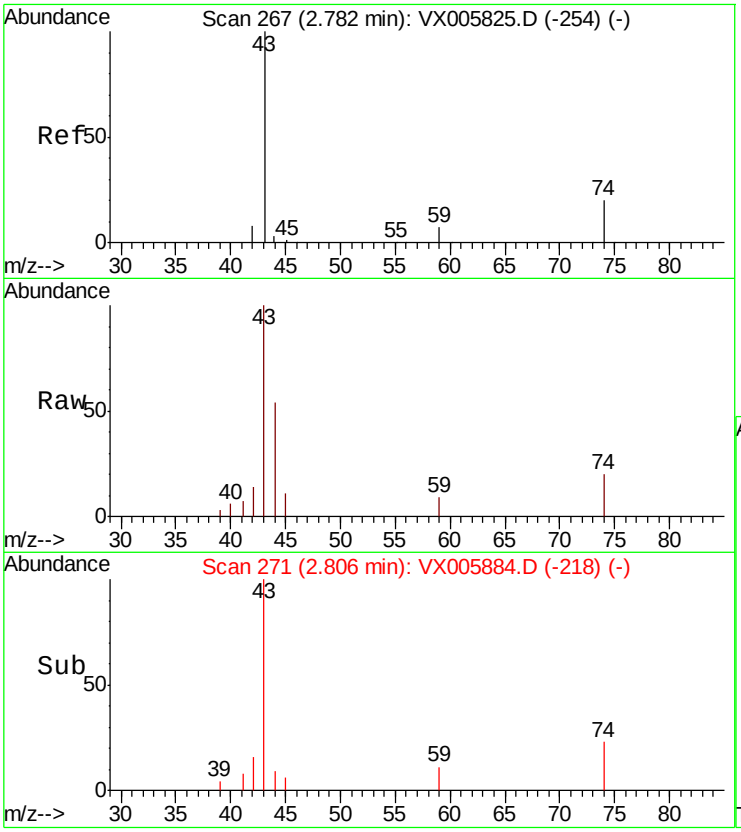




#11
Tert butyl alcohol
Concen: 4.942 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

Tgt Ion: 59 Resp: 2196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.5 | 12.7# |



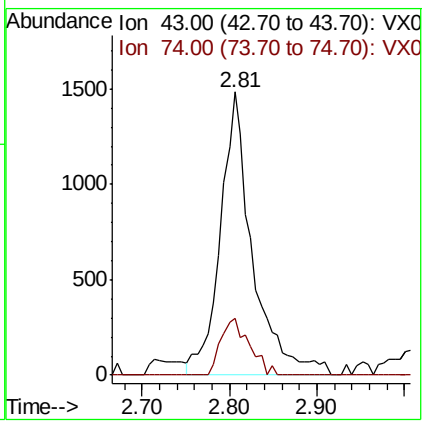


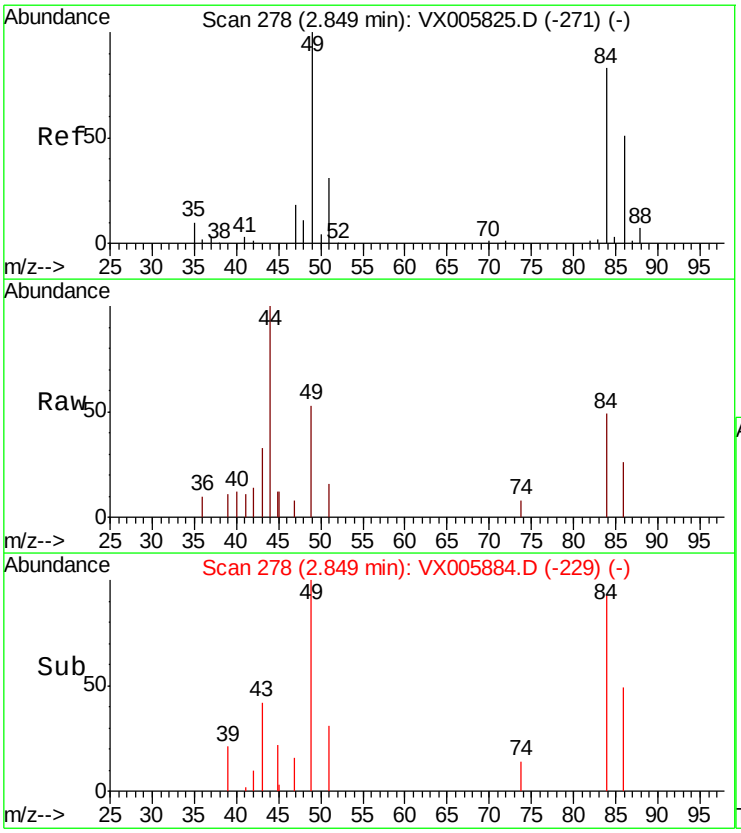

#18
Methyl Acetate
Concen: 0.220 ug/l
RT: 2.81 min Scan# 271
Delta R.T. 0.02 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

**Instrument :**
MSVOA_X
**ClientSampleId :**
DUP

Tgt Ion: 43 Resp: 3797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 17.6 | 16.8 | 25.2 |

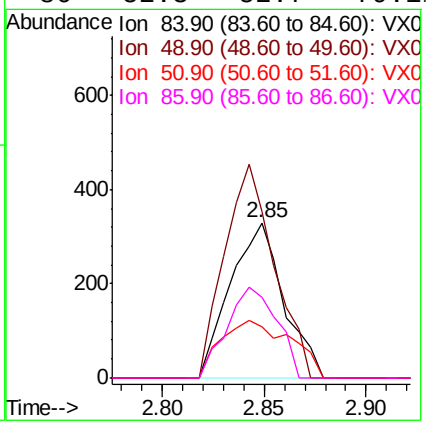


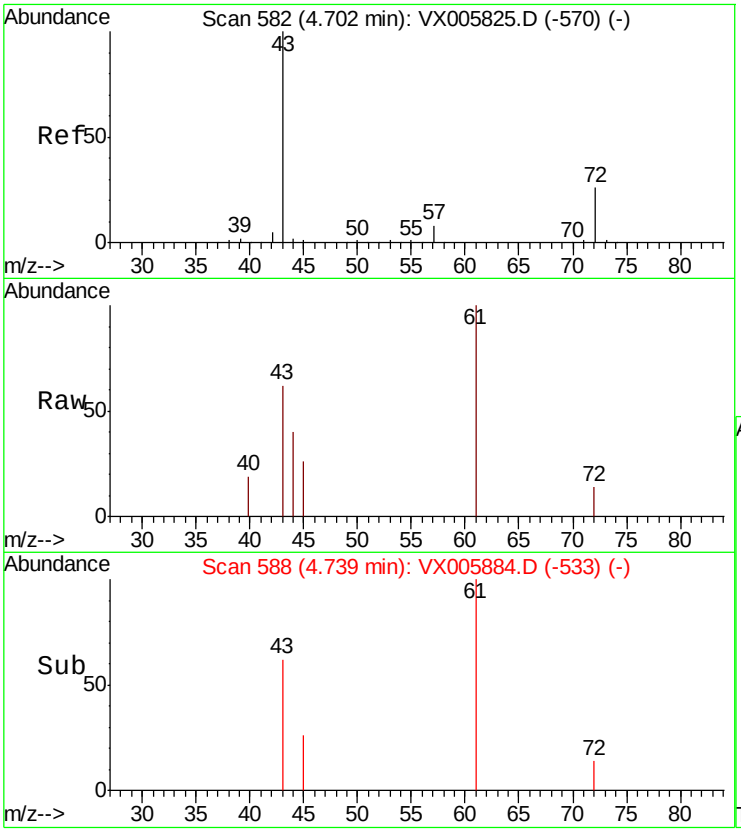




#20
Methylene Chloride
Concen: 0.437 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

Tgt Ion: 84 Resp: 599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 107.6 | 109.5 | 164.3# |
| 51 | 33.1 | 33.3 | 49.9# |
| 86 | 52.3 | 52.7 | 79.1# |



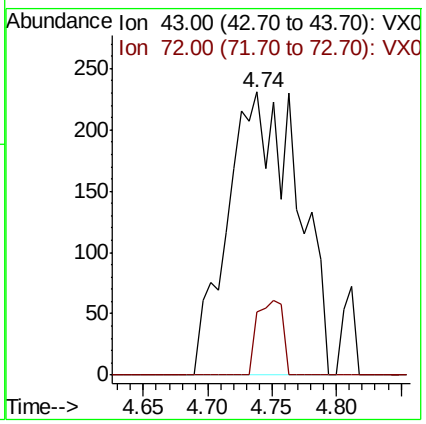


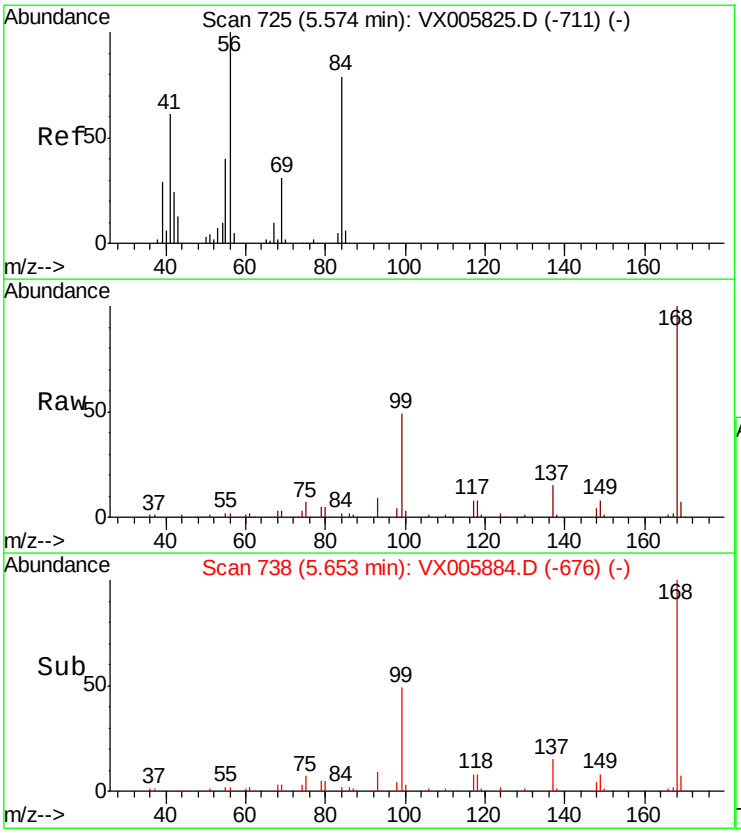

#25
2-Butanone
Concen: 0.664 ug/l
RT: 4.74 min Scan# 588
Delta R.T. 0.04 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

**Instrument :**
MSVOA_X
**ClientSampleId :**
DUP

Tgt Ion: 43 Resp: 872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 22.1 | 19.2 | 28.8 |

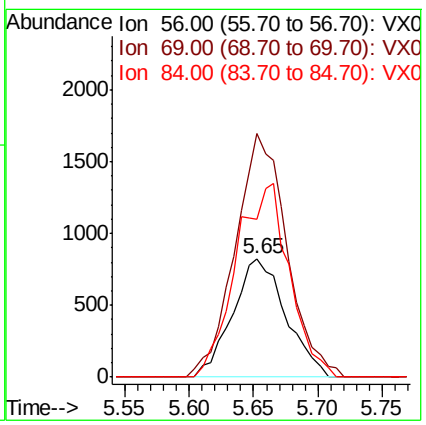


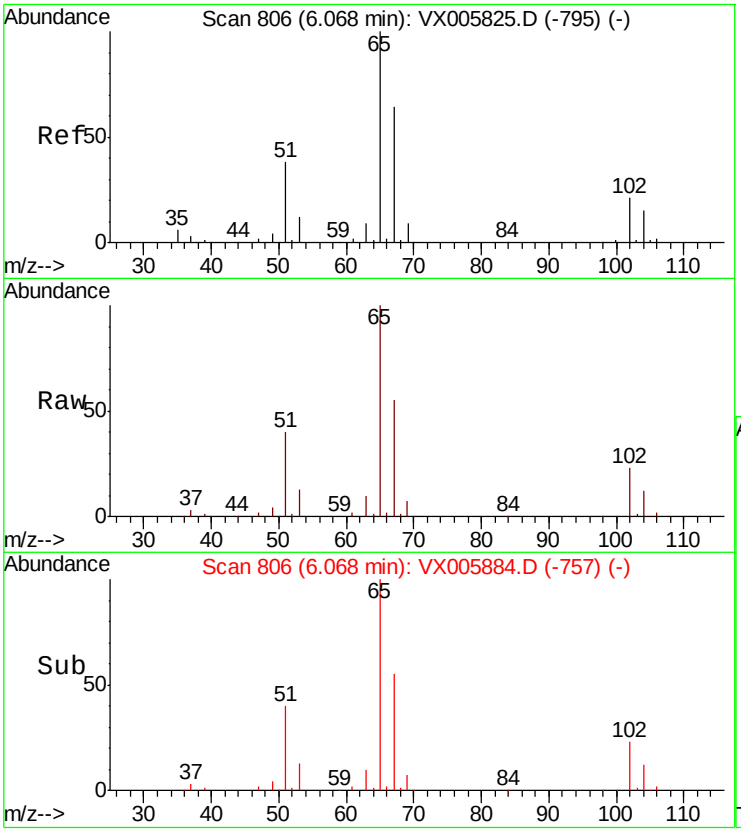




#31
Cyclohexane
Concen: 1.090 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

Tgt Ion: 56 Resp: 2356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 205.0 | 22.6 | 34.0# |
| 84 | 133.3 | 62.7 | 94.1# |



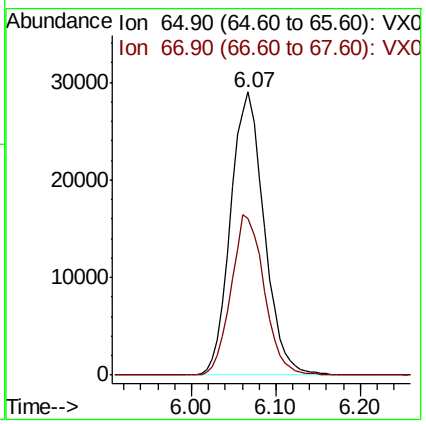


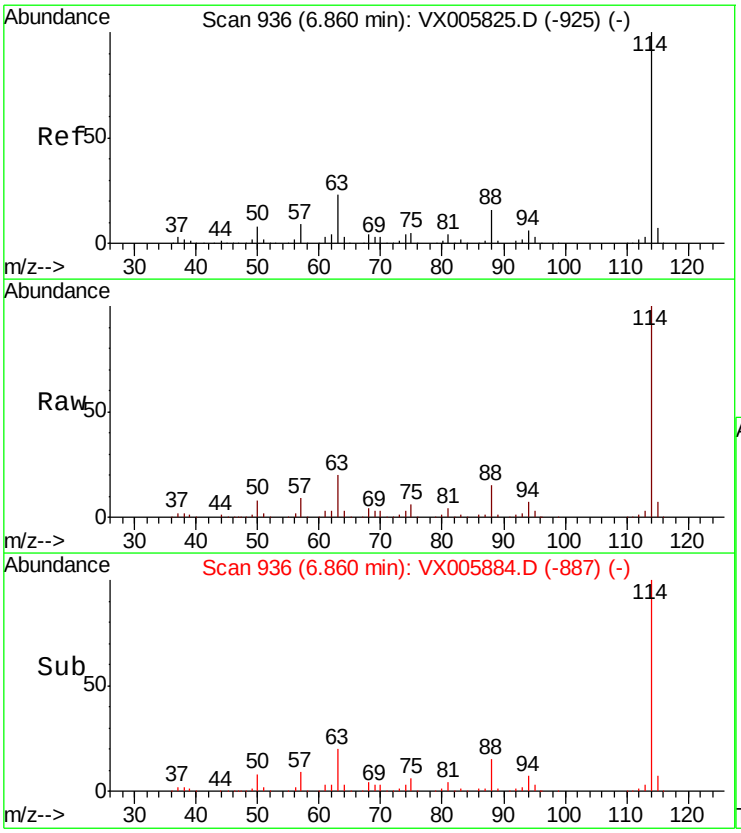

#33
1,2-Dichloroethane-d4
Concen: 50.470 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

**Instrument :**
MSVOA_X
**ClientSampleId :**
DUP

Tgt Ion: 65 Resp: 78291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 55.8 | 0.0 | 105.0 |

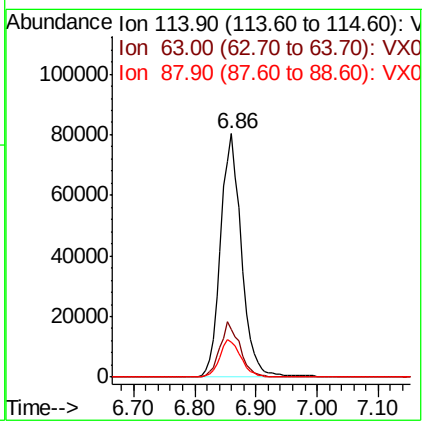


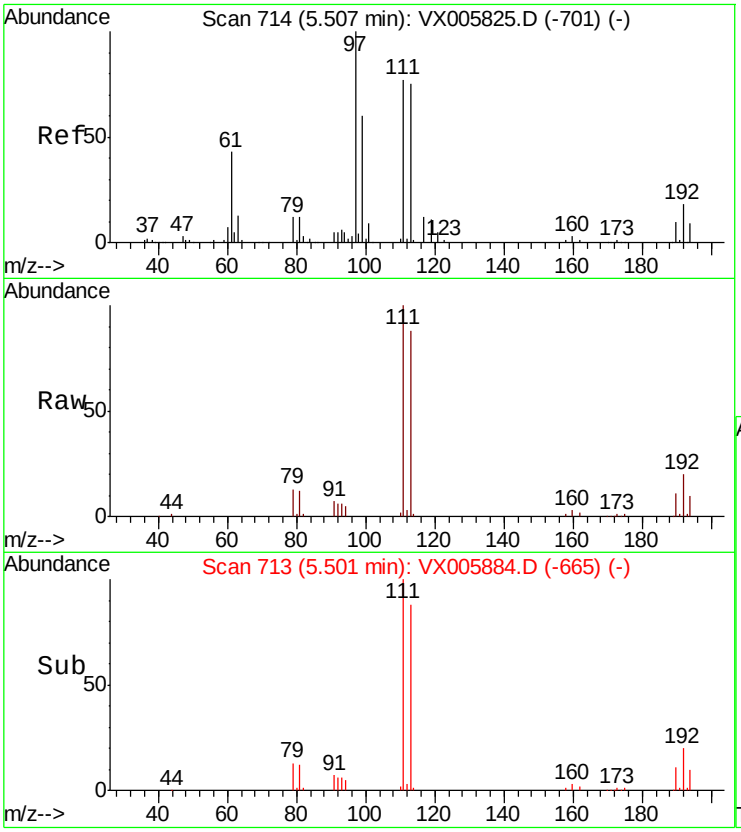




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

Tgt Ion:114 Resp: 190719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.7 | 0.0 | 42.8 |
| 88 | 14.6 | 0.0 | 31.2 |



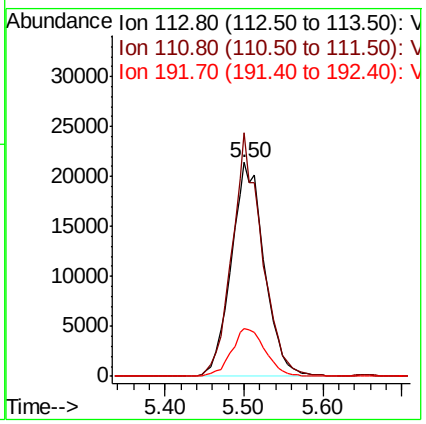


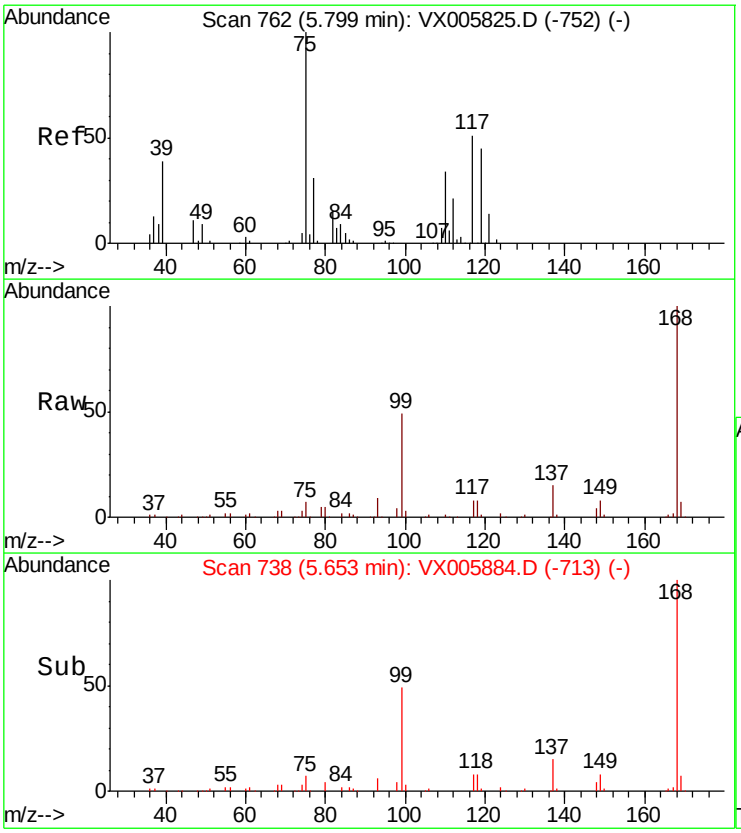

#35
Dibromofluoromethane
Concen: 47.987 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

**Instrument :**
MSVOA_X
**ClientSampleId :**
DUP

Tgt Ion:113 Resp: 62247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.9 | 82.3 | 123.5 |
| 192 | 22.8 | 17.9 | 26.9 |

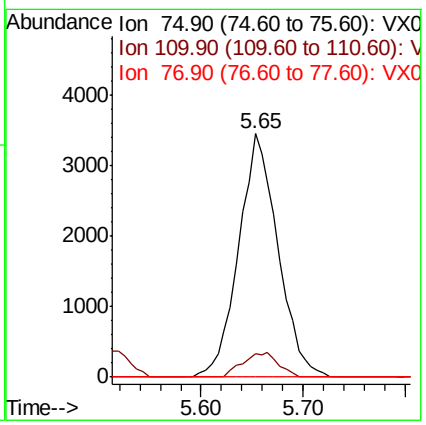


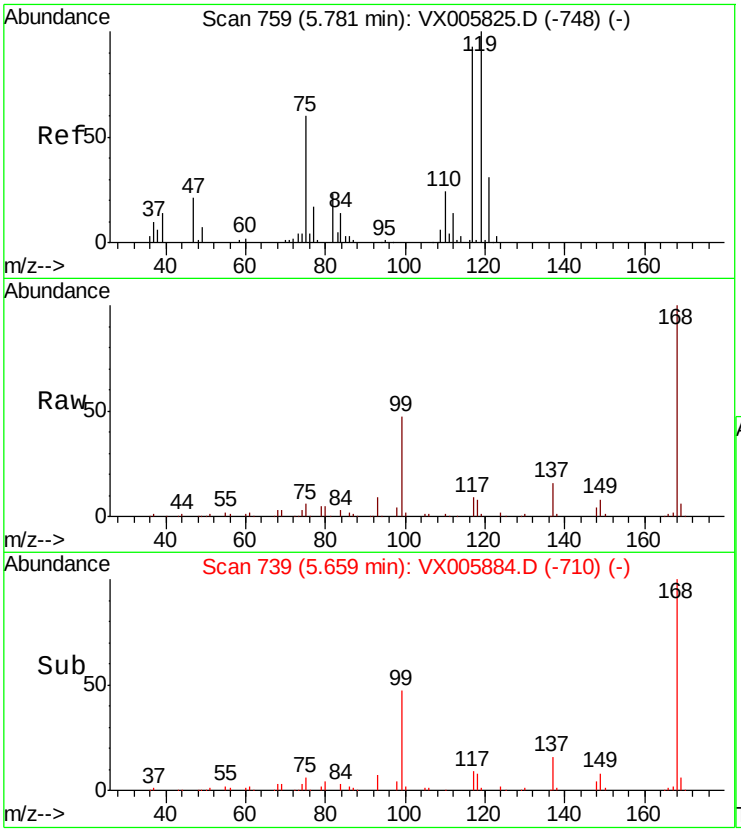




#36
1,1-Dichloropropene
Concen: 5.006 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.15 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

Tgt Ion: 75 Resp: 9204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.1 | 17.4 | 52.2# |
| 77 | 0.0 | 25.8 | 38.6# |



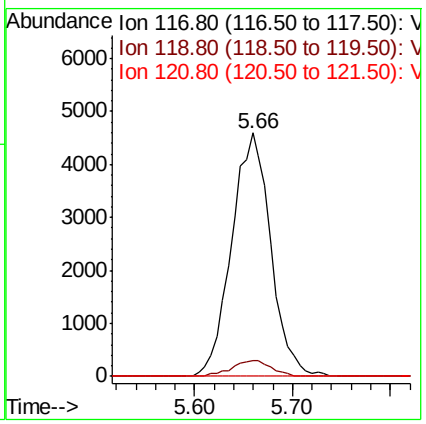


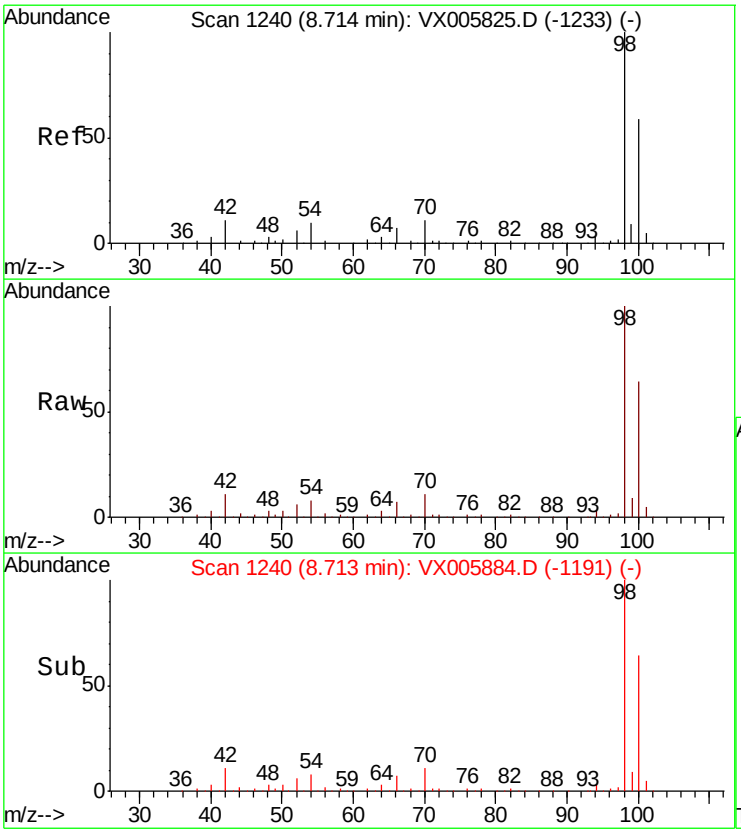

#38
Carbon Tetrachloride
Concen: 6.919 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

**Instrument :** MSVOA_X
**ClientSampleId :** DUP

Tgt Ion:117 Resp: 12736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 6.4 | 78.1 | 117.1# |
| 121 | 0.0 | 24.6 | 36.8# |

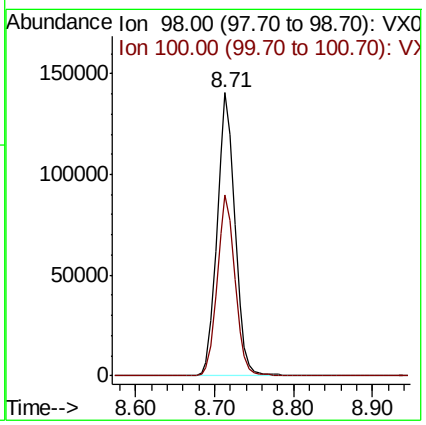


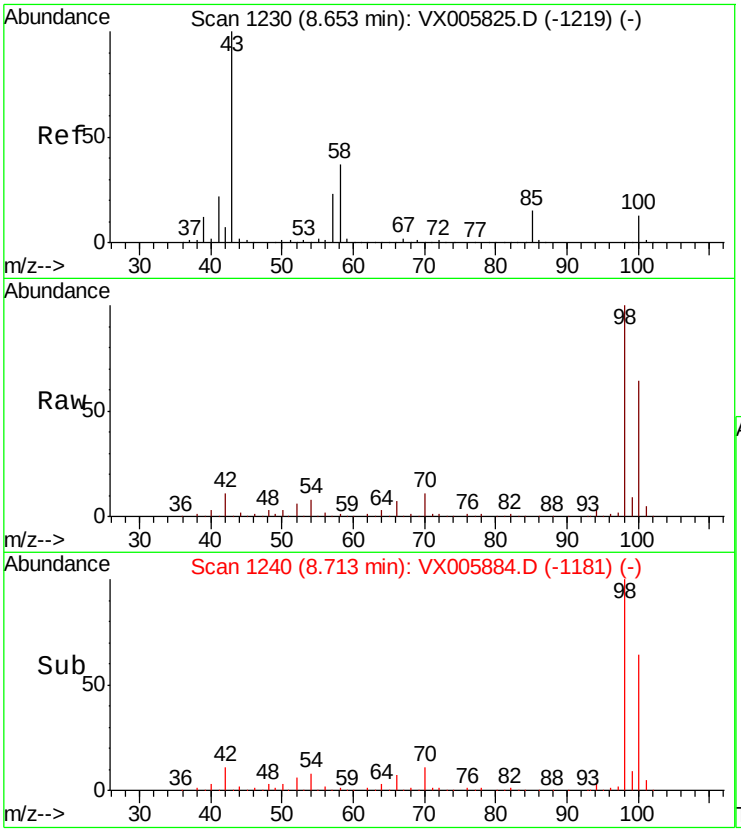




#50
Toluene-d8
Concen: 51.517 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

Tgt Ion: 98 Resp: 222168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.5 | 51.3 | 76.9 |



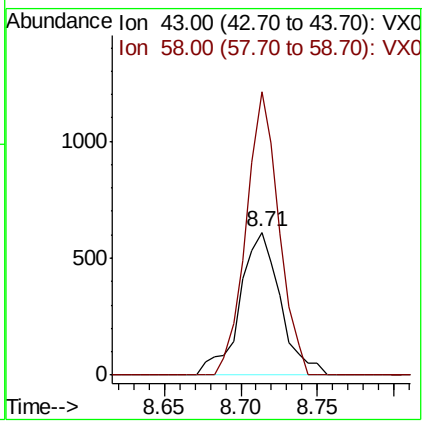


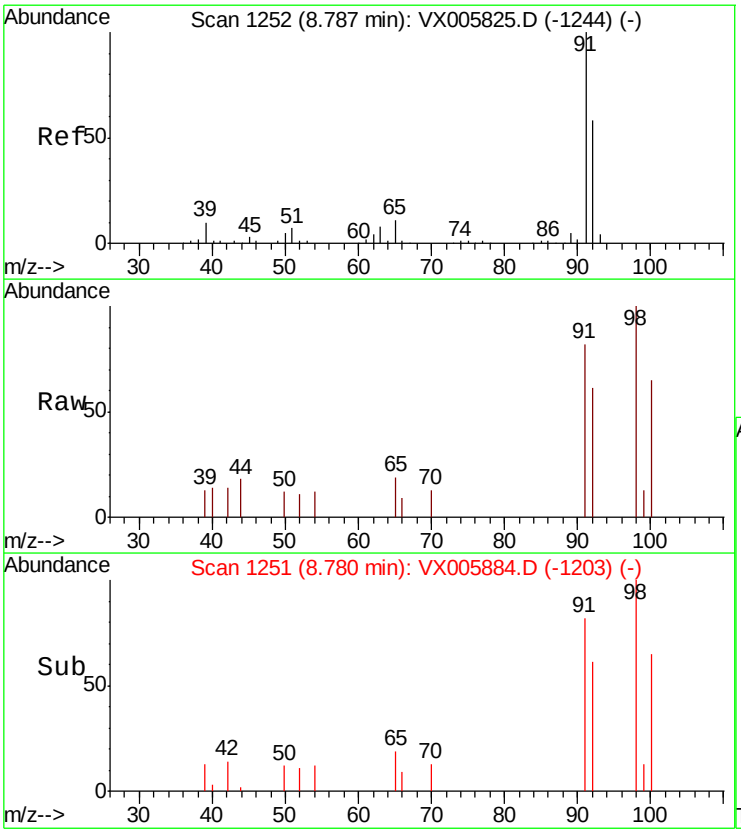

#51
4-Methyl-2-Pentanone
Concen: 0.512 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.06 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

**Instrument :**
MSVOA_X
**ClientSampleId :**
DUP

Tgt Ion: 43 Resp: 1130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 159.4 | 29.7 | 44.5# |

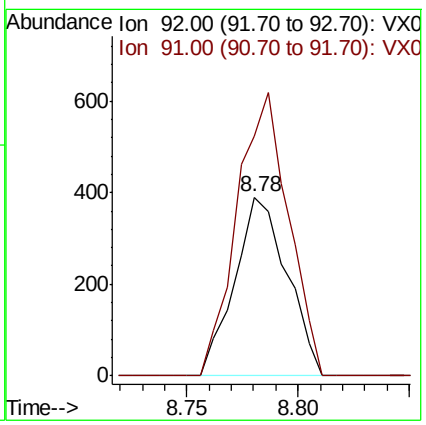


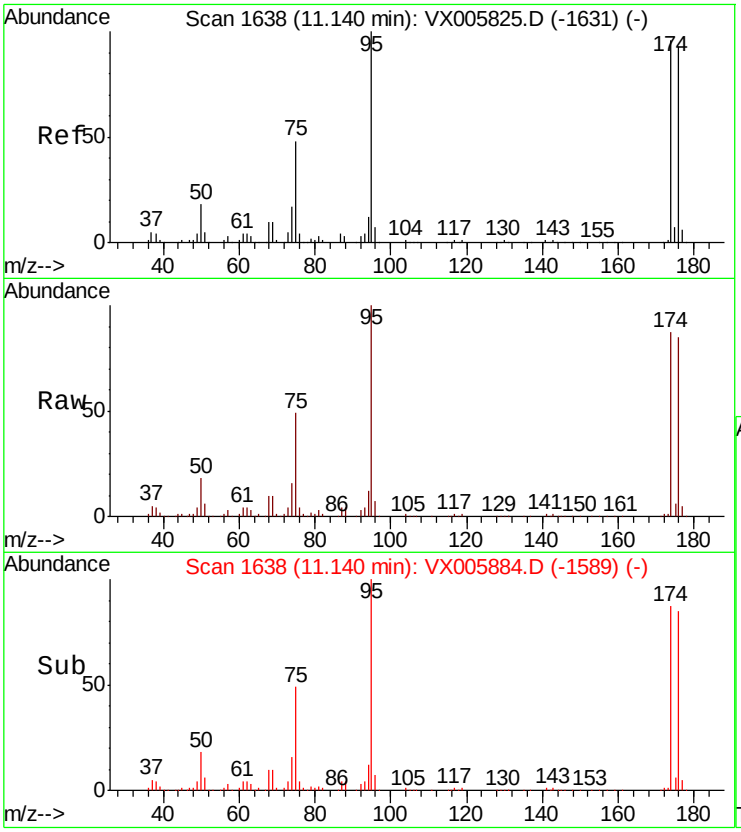




#52
Toluene
Concen: 0.213 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

Tgt Ion: 92 Resp: 638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 156.1 | 140.4 | 210.6 |



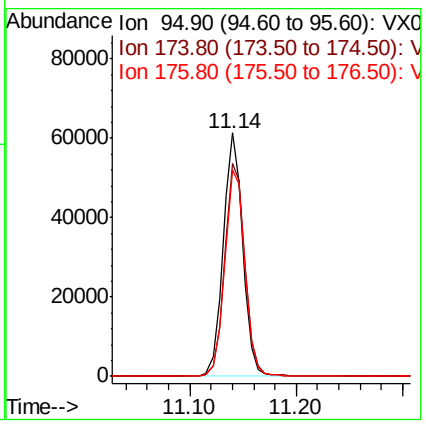


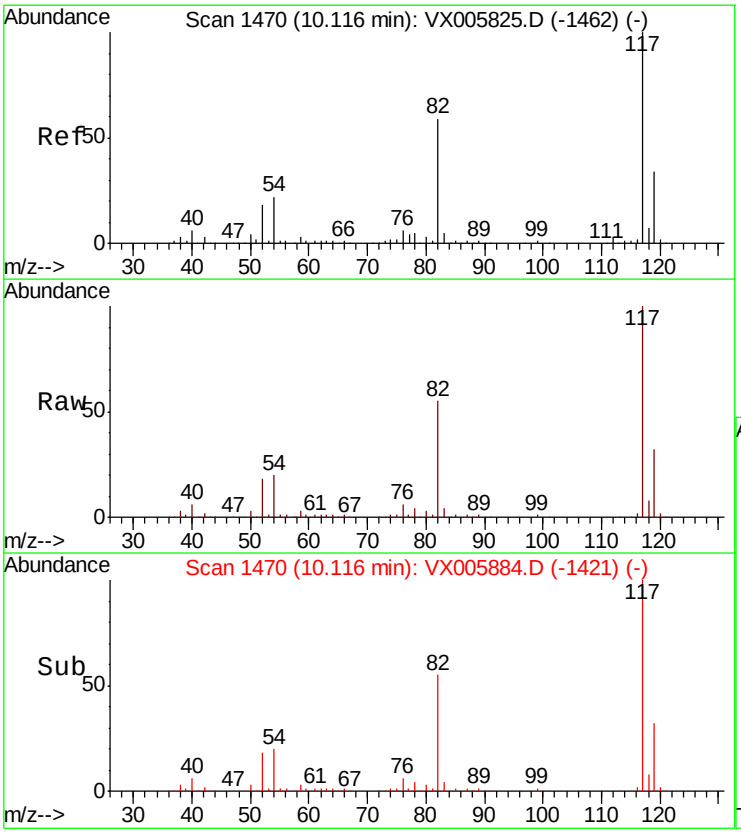

#62
4-Bromofluorobenzene
Concen: 50.876 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

**Instrument :**
MSVOA_X
**ClientSampleId :**
DUP

Tgt Ion: 95 Resp: 78885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 90.5 | 0.0 | 184.4 |
| 176 | 87.7 | 0.0 | 177.4 |

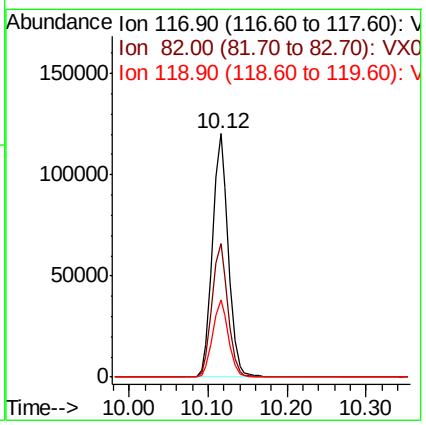


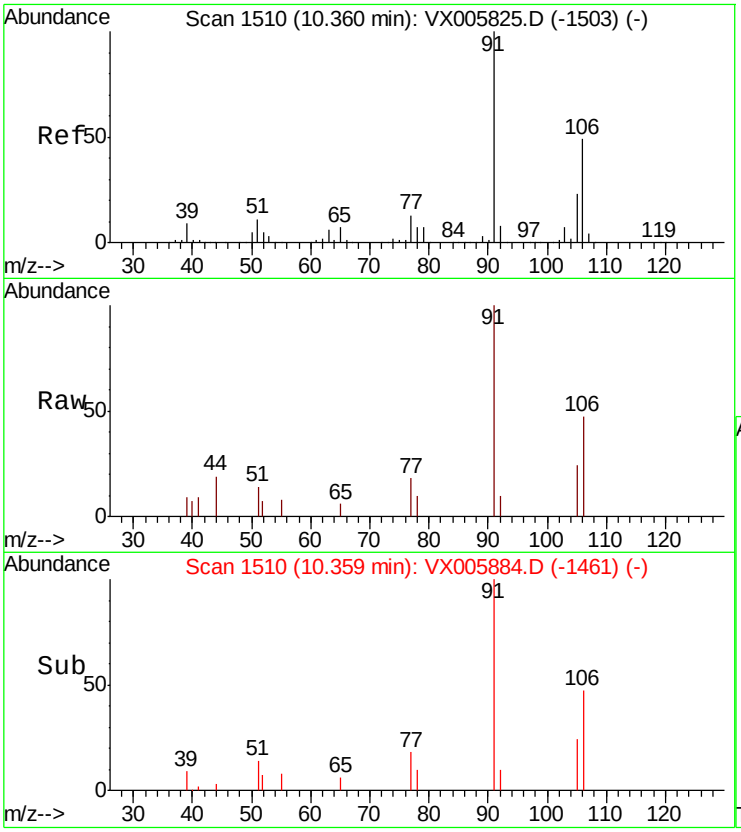




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

Tgt Ion:117 Resp: 168238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.8 | 44.1 | 66.1 |
| 119 | 31.8 | 26.2 | 39.2 |



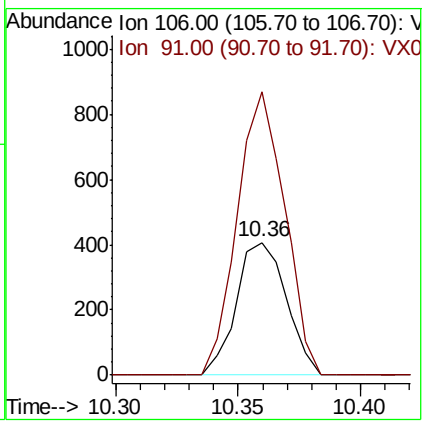


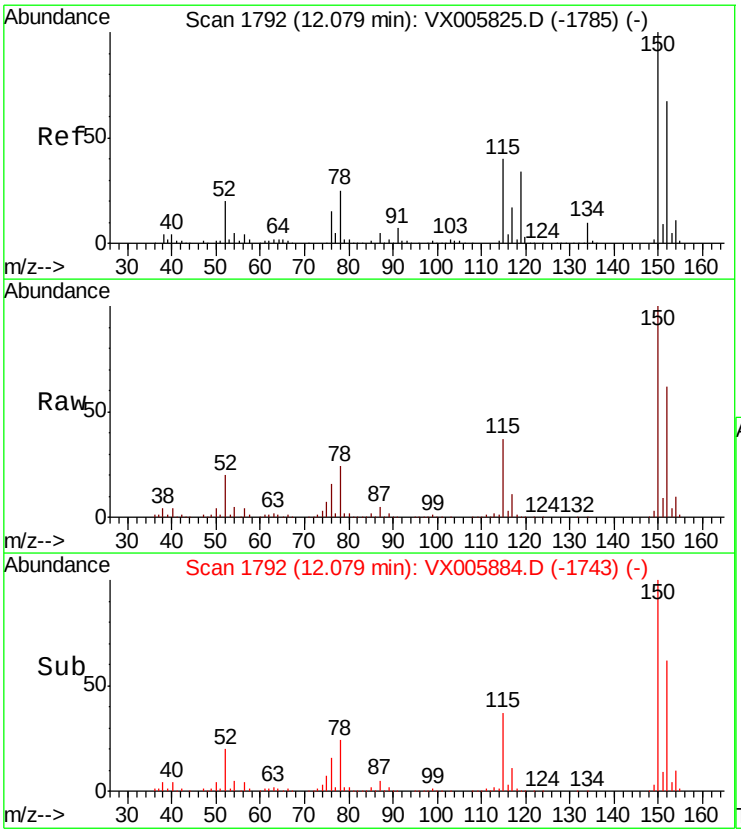

#68
m/p-Xylenes
Concen: 0.282 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

**Instrument :**
MSVOA_X
**ClientSampleId :**
DUP

Tgt Ion:106 Resp: 581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 202.9 | 164.2 | 246.4 |

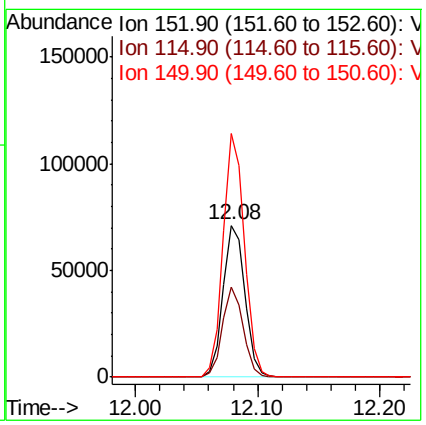


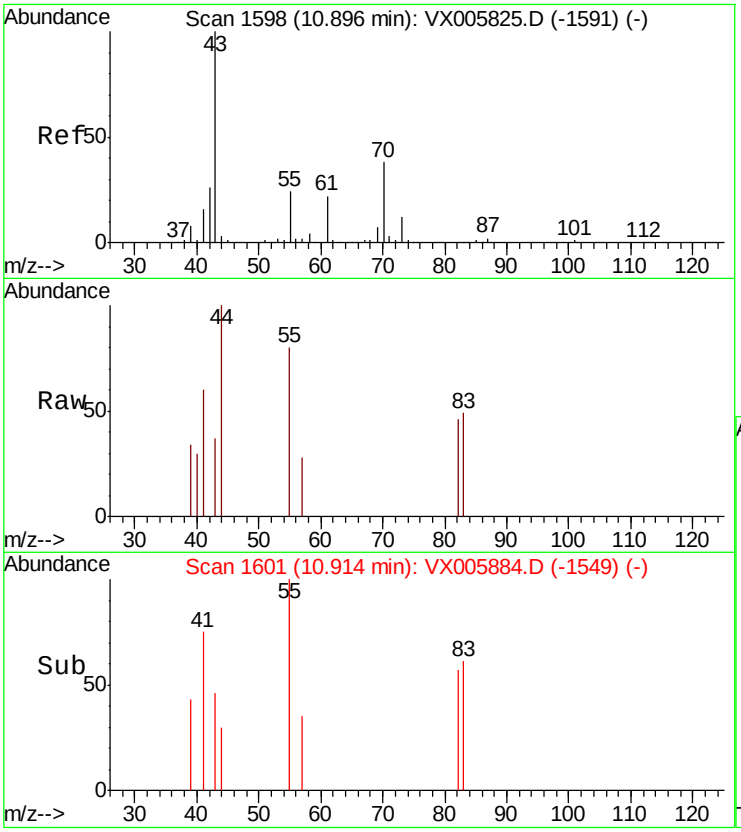




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

Tgt Ion:152 Resp: 87747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 56.6 | 39.4 | 118.1 |
| 150 | 156.8 | 0.0 | 346.4 |



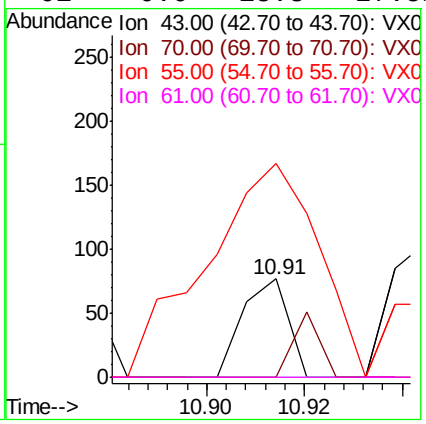


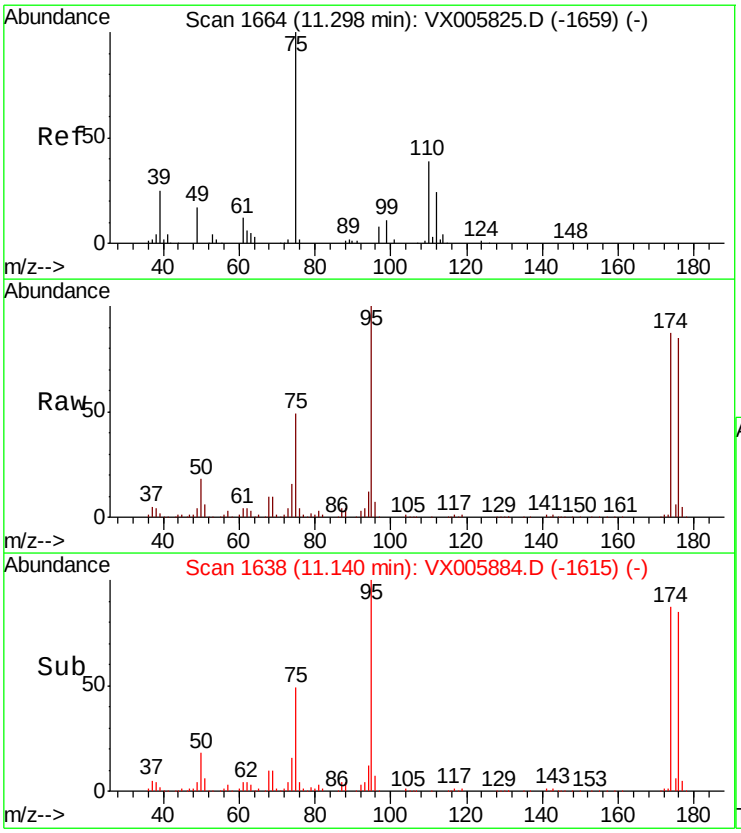

#74
N-amyl acetate
Concen: 1.268 ug/l
RT: 10.91 min Scan# 1601
Delta R.T. 0.02 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

**Instrument :** MSVOA_X
**ClientSampleId :** DUP

Tgt Ion: 43 Resp: 50

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 0.0 | 31.6 | 47.4# |
| 55 | 534.0 | 19.7 | 29.5# |
| 61 | 0.0 | 18.3 | 27.5# |

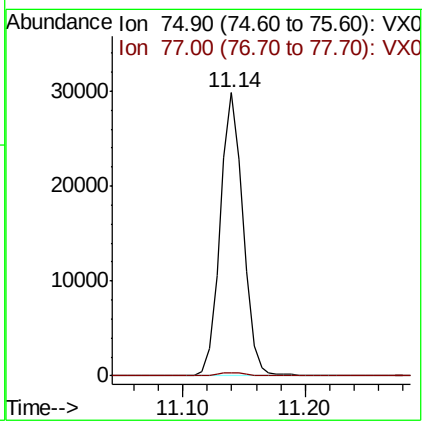


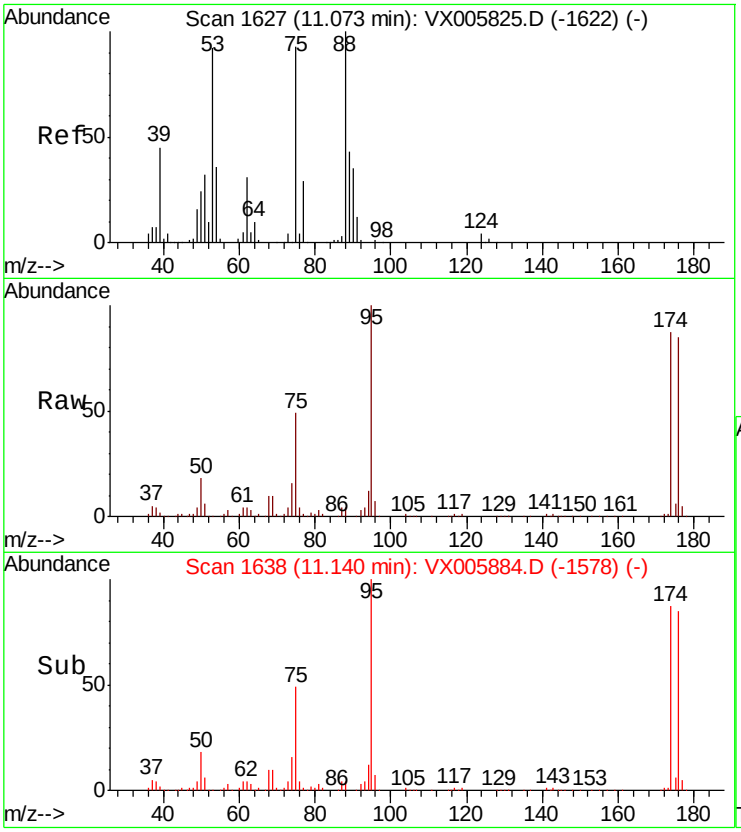




#76
1,2,3-Trichloropropane
Concen: 21.682 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

Tgt Ion: 75 Resp: 38740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.2 | 20.5 | 61.6# |



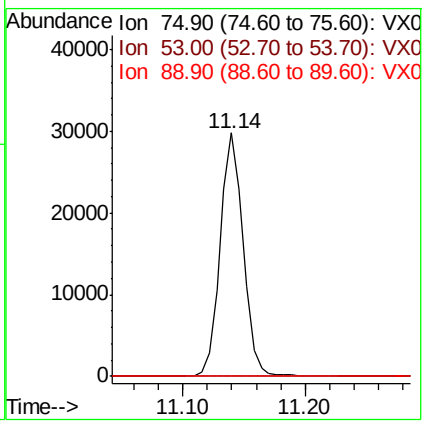


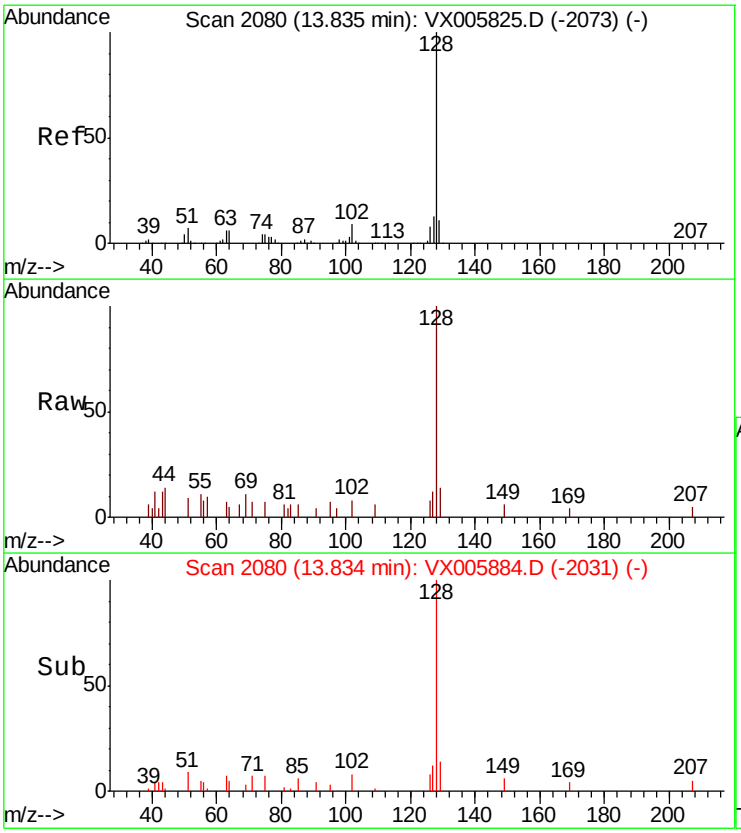

#81
trans-1,4-Dichloro-2-butene
Concen: 69.105 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

**Instrument :**
MSVOA_X
**ClientSampleId :**
DUP

Tgt Ion: 75 Resp: 38740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.2 | 80.2 | 120.2# |
| 89 | 0.0 | 39.8 | 59.8# |




#95
Naphthalene
Concen: 1.458 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

Tgt Ion:128 Resp: 1811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.7 | 10.4 | 15.6 |
| 129 | 12.1 | 8.7 | 13.1 |