Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX030818\
Data File : VX000237.D
Acq On : 08 Mar 2018 22:43
Operator : JC/MD
Sample : J1823-04 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** MHB-WCB

Quant Time: Mar 09 04:18:53 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.68 | 168 | 2816 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.87 | 114 | 4286 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 4212 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152 | 2477 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.09 | 65 | 2841 | 72.78 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 145.56% | | | |
| 35) Dibromofluoromethane | 5.52 | 113 | 1672 | 62.10 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 124.20% | | | |
| 50) Toluene-d8 | 8.73 | 98 | 6945 | 62.28 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 124.56% | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 2619 | 60.18 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 120.36% | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 3) Chloromethane | 1.38 | 50 | 40 | 1.34 | ug/l | # | 42 |
| 5) Bromomethane | 1.66 | 94 | 86 | 1.35 | ug/l | # | 3 |
| 6) Chloroethane | 1.73 | 64 | 154 | 6.66 | ug/l | # | 42 |
| 8) Diethyl Ether | 2.25 | 74 | 25 | 1.18 | ug/l | # | 1 |
| 11) Tert butyl alcohol | 3.08 | 59 | 23 | 1.60 | ug/l | # | 72 |
| 13) Acrolein | 2.29 | 56 | 43 | 5.70 | ug/l | # | 1 |
| 14) Allyl chloride | 2.73 | 41 | 561 | 10.23 | ug/l | # | 33 |
| 15) Acrylonitrile | 3.15 | 53 | 85 | 3.41 | ug/l | # | 63 |
| 16) Acetone | 2.45 | 43 | 3744 | 133.55 | ug/l | | 96 |
| 17) Carbon Disulfide | 2.57 | 76 | 419 | 5.15 | ug/l | # | 61 |
| 18) Methyl Acetate | 2.80 | 43 | 422 | 7.07 | ug/l | # | 63 |
| 20) Methylene Chloride | 2.87 | 84 | 314019 | 9392.41 | ug/l | | 99 |
| 22) Diisopropyl ether | 3.89 | 45 | 21 | 0.22 | ug/l | # | 30 |
| 23) Vinyl Acetate | 3.85 | 43 | 87 | 0.96 | ug/l | # | 72 |
| 25) 2-Butanone | 4.73 | 43 | 1098 | 31.74 | ug/l | | 95 |
| 28) Bromochloromethane | 5.04 | 49 | 337 | 13.73 | ug/l | # | 68 |
| 29) Tetrahydrofuran | 5.20 | 42 | 624 | 28.72 | ug/l | # | 52 |
| 30) Chloroform | 5.21 | 83 | 196 | 3.51 | ug/l | # | 42 |
| 31) Cyclohexane | 5.81 | 56 | 27 | 0.63 | ug/l | # | 17 |
| 36) 1,1-Dichloropropene | 5.81 | 75 | 25 | 0.66 | ug/l | # | 41 |
| 37) Ethyl Acetate | 4.89 | 43 | 101 | 1.83 | ug/l | # | 69 |
| 38) Carbon Tetrachloride | 5.70 | 117 | 79 | 2.05 | ug/l | # | 12 |
| 40) Benzene | 5.97 | 78 | 46 | 0.42 | ug/l | # | 51 |
| 41) Methacrylonitrile | 5.09 | 41 | 21 | 0.75 | ug/l | # | 1 |
| 43) Isopropyl Acetate | 6.49 | 43 | 1588 | 19.93 | ug/l | # | 85 |
| 47) Bromodichloromethane | 7.92 | 83 | 144 | 3.71 | ug/l | # | 26 |
| 48) Methyl methacrylate | 7.76 | 41 | 26 | 0.66 | ug/l | # | 1 |
| 51) 4-Methyl-2-Pentanone | 8.68 | 43 | 22 | 0.37 | ug/l | # | 37 |
| 52) Toluene | 8.79 | 92 | 175 | 2.32 | ug/l | | 83 |
| 59) 2-Hexanone | 9.51 | 43 | 29 | 0.57 | ug/l | # | 25 |
| 60) Dibromochloromethane | 9.34 | 129 | 231 | 7.18 | ug/l | # | 10 |
| 64) Tetrachloroethene | 9.34 | 164 | 157 | 5.33 | ug/l | # | 32 |
| 65) Chlorobenzene | 10.15 | 112 | 25 | 0.29 | ug/l | # | 43 |
| 67) Ethyl Benzene | 10.26 | 91 | 195 | 1.31 | ug/l | | 96 |

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX030818\
Data File : VX000237.D
Acq On : 08 Mar 2018 22:43
Operator : JC/MD
Sample : J1823-04 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** MHB-WCB

Quant Time: Mar 09 04:18:53 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 68) m/p-Xylenes | 10.37 | 106 | 267 | 4.67 | ug/l | | 85 |
| 69) o-Xylene | 10.70 | 106 | 26 | 0.47 | ug/l | # | 1 |
| 70) Styrene | 10.72 | 104 | 109 | 1.20 | ug/l | # | 25 |
| 73) Isopropylbenzene | 11.02 | 105 | 115 | 0.74 | ug/l | # | 48 |
| 74) N-amyl acetate | 6.49 | 43 | 1588 | 20.01 | ug/l | # | 87 |
| 76) 1,2,3-Trichloropropane | 11.14 | 75 | 1409 | 28.38 | ug/l | # | 32 |
| 78) n-propylbenzene | 11.52 | 91 | 236 | 1.29 | ug/l | | 87 |
| 79) 2-Chlorotoluene | 11.43 | 91 | 89 | 0.86 | ug/l | # | 38 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 275 | 2.12 | ug/l | | 66 |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75 | 1409 | 86.90 | ug/l | # | 10 |
| 82) 4-Chlorotoluene | 11.52 | 91 | 236 | 1.89 | ug/l | # | 43 |
| 84) 1,2,4-Trimethylbenzene | 11.82 | 105 | 546 | 4.10 | ug/l | | 90 |
| 85) sec-Butylbenzene | 11.95 | 105 | 79 | 0.50 | ug/l | # | 56 |
| 86) p-Isopropyltoluene | 12.08 | 119 | 150 | 1.07 | ug/l | # | 49 |
| 87) 1,3-Dichlorobenzene | 12.04 | 146 | 143 | 1.88 | ug/l | # | 75 |
| 88) 1,4-Dichlorobenzene | 12.11 | 146 | 119 | 1.49 | ug/l | # | 44 |
| 89) n-Butylbenzene | 12.40 | 91 | 308 | 2.28 | ug/l | # | 74 |
| 90) Hexachloroethane | 12.48 | 117 | 31 | 1.37 | ug/l | # | 11 |
| 93) 1,2,4-Trichlorobenzene | 13.66 | 180 | 63 | 1.15 | ug/l | # | 79 |
| 95) Naphthalene | 13.85 | 128 | 19017 | 99.26 | ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 14.03 | 180 | 52 | 0.96 | ug/l | | 85 |

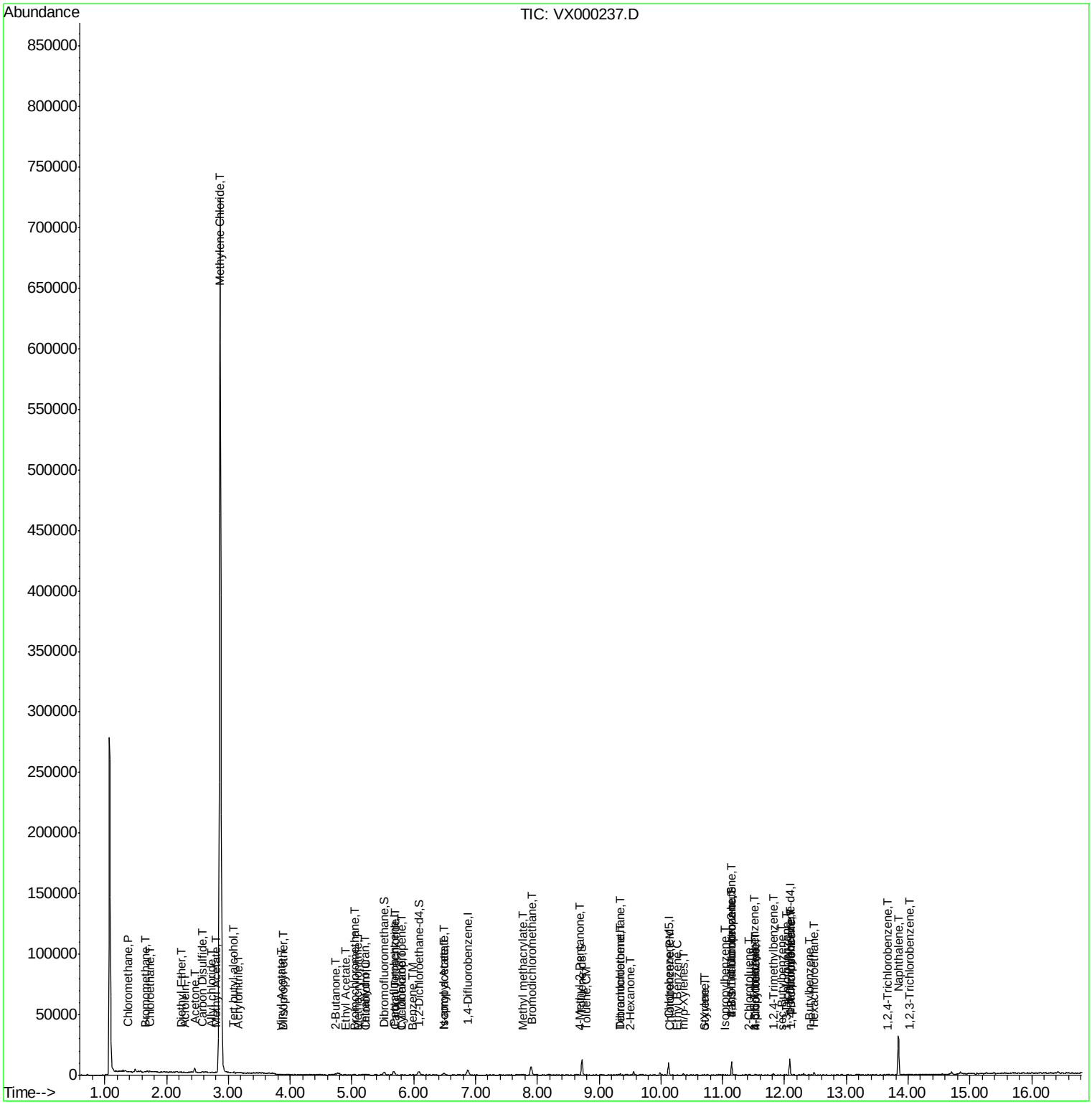
(#) = qualifier out of range (m) = manual integration (+) = signals summed

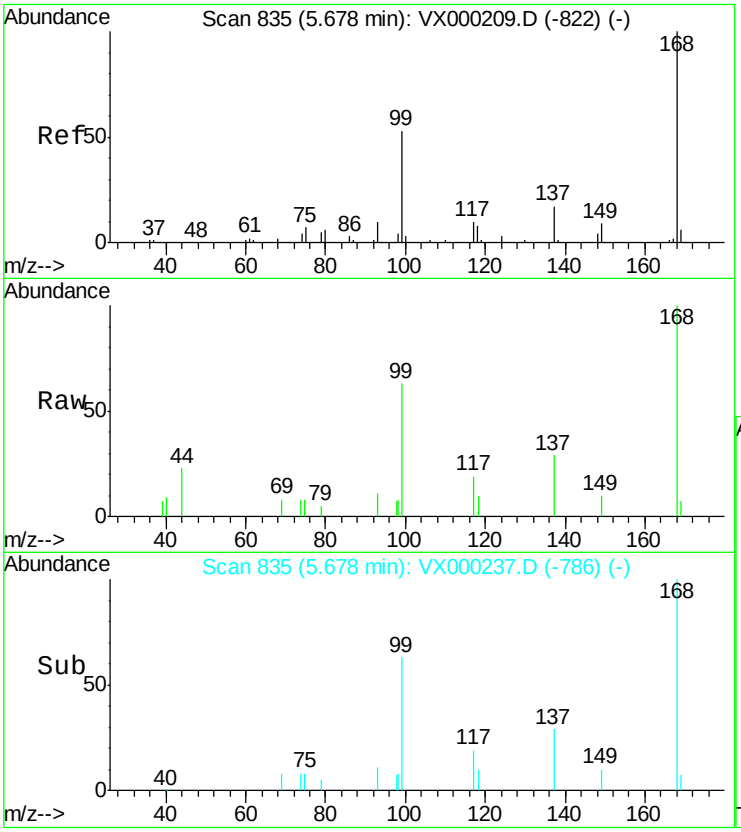
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
Data File : VX000237.D
Acq On : 08 Mar 2018 22:43
Operator : JC/MD
Sample : J1823-04 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MHB-WCB

Quant Time: Mar 09 04:18:53 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration



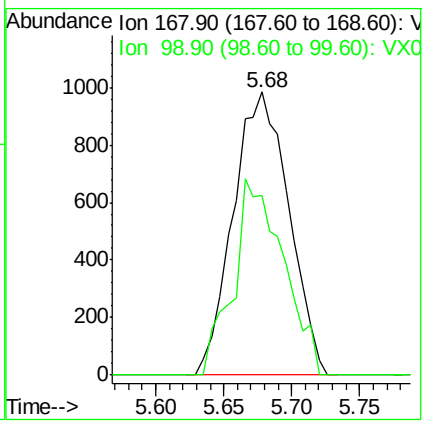


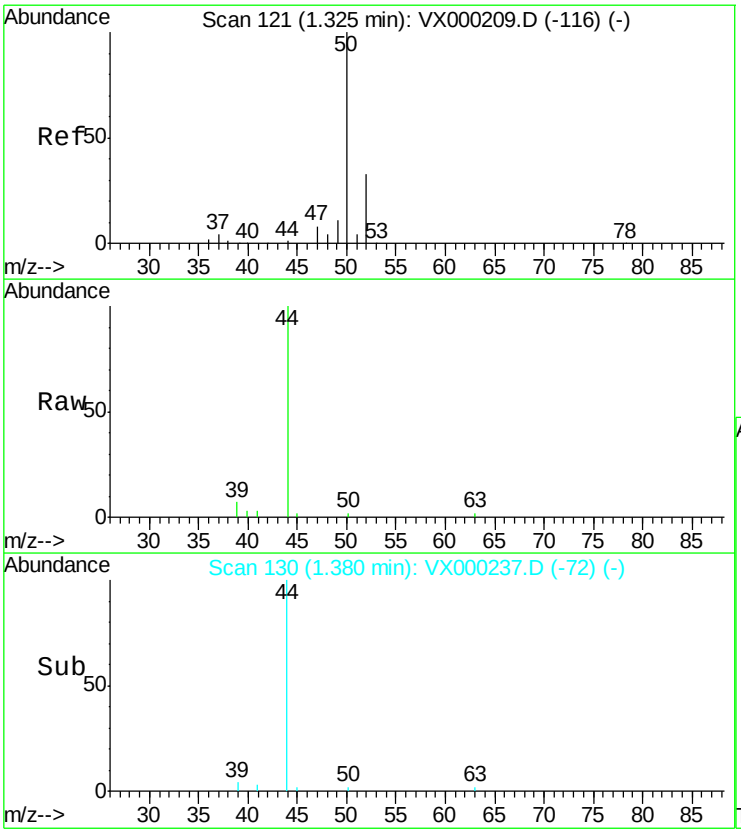

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.00 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MHB-WCB

Tgt Ion:168 Resp: 2816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 63.4 | 42.8 | 64.2 |

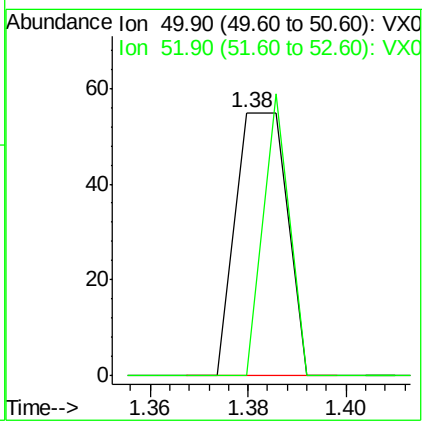


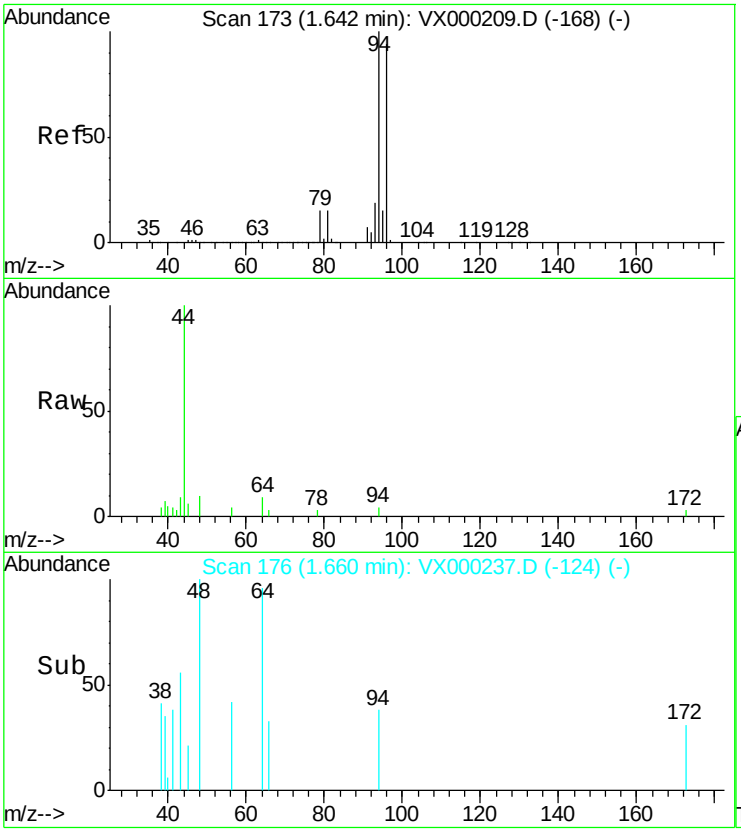




#3
Chloromethane
Concen: 1.34 ug/l
RT: 1.38 min Scan# 130
Delta R.T. 0.05 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion: 50 Resp: 40

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 0.0 | 26.2 | 39.2# |



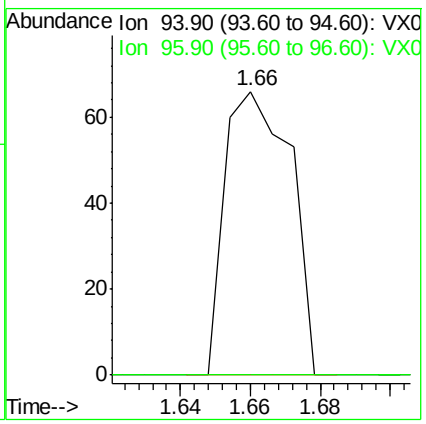


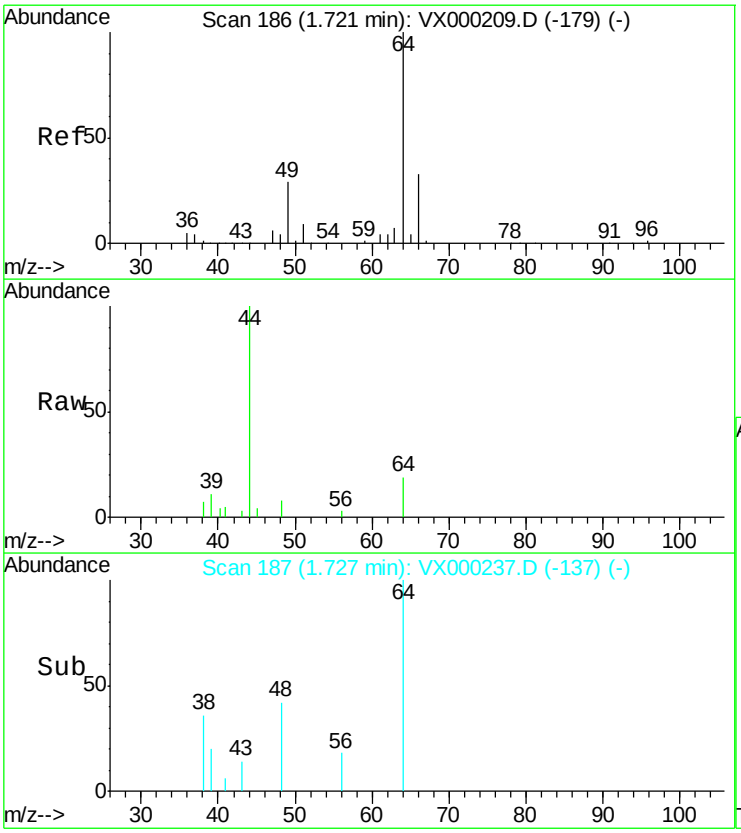

#5
Bromomethane
Concen: 1.35 ug/l
RT: 1.66 min Scan# 176
Delta R.T. 0.02 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MHB-WCB

Tgt Ion: 94 Resp: 86

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 0.0 | 75.3 | 112.9# |

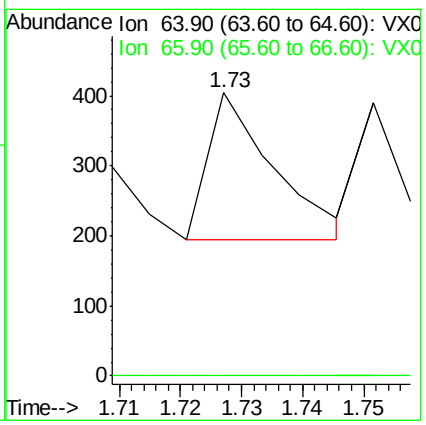


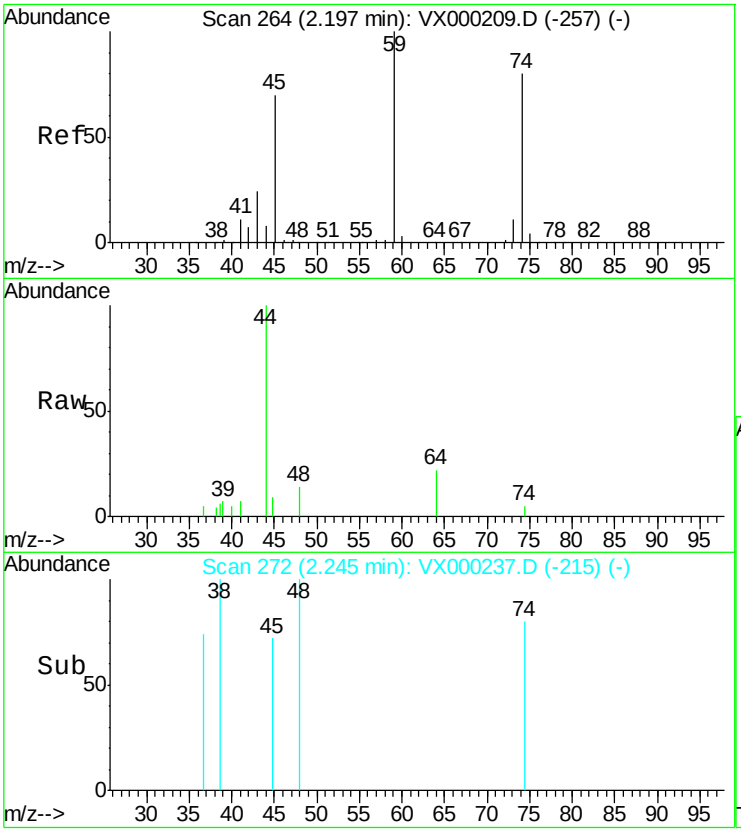




#6
Chloroethane
Concen: 6.66 ug/l
RT: 1.73 min Scan# 187
Delta R.T. 0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion: 64 Resp: 154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 0.0 | 26.2 | 39.4# |



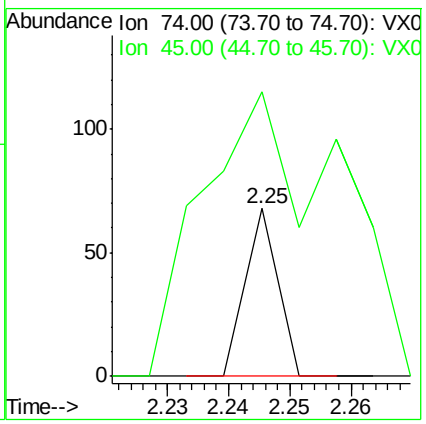


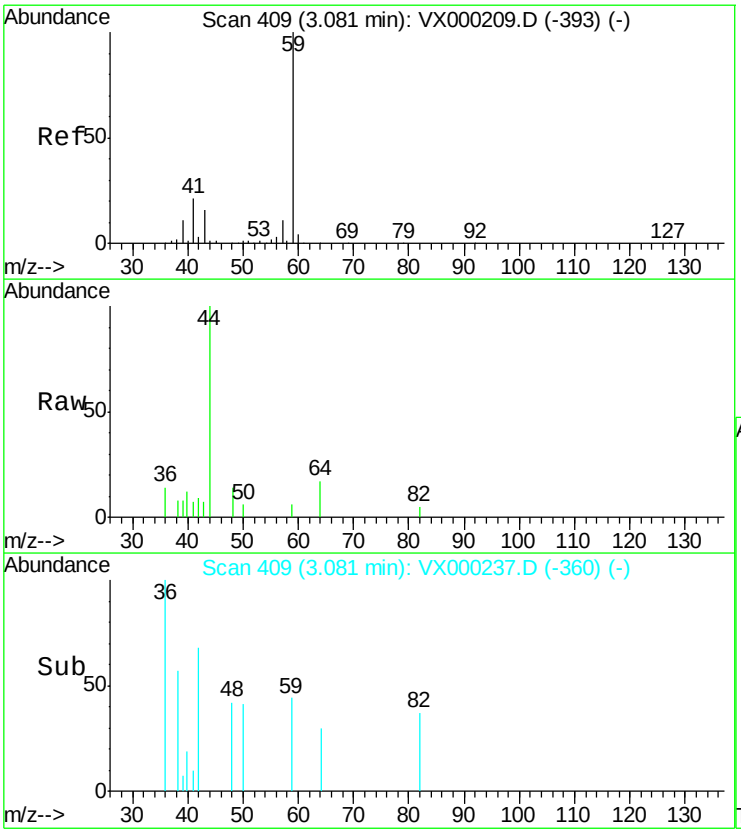

#8
Diethyl Ether
Concen: 1.18 ug/l
RT: 2.25 min Scan# 272
Delta R.T. 0.05 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :** MSVOA_X
**ClientSampleId :** MHB-WCB

Tgt Ion: 74 Resp: 25

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 708.0 | 47.2 | 141.6# |

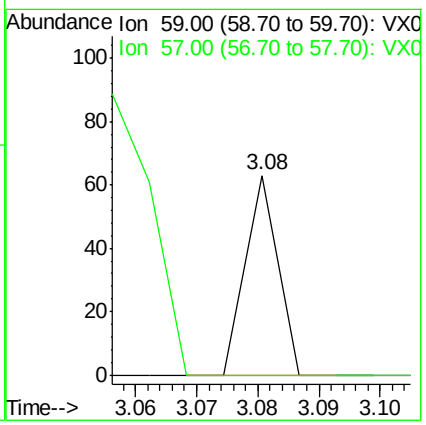


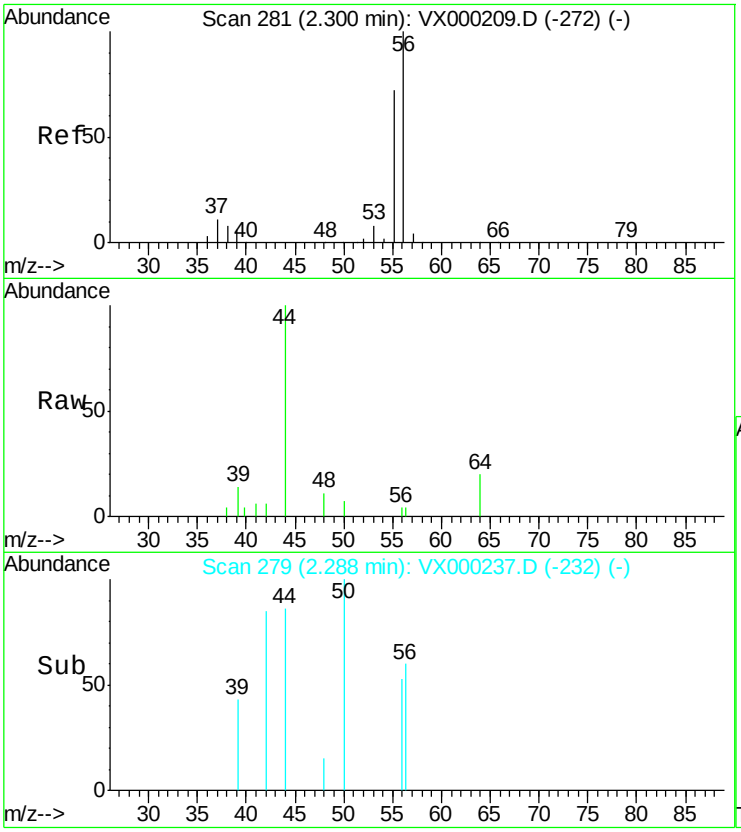




#11
Tert butyl alcohol
Concen: 1.60 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion: 59 Resp: 23

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.4 | 12.6# |



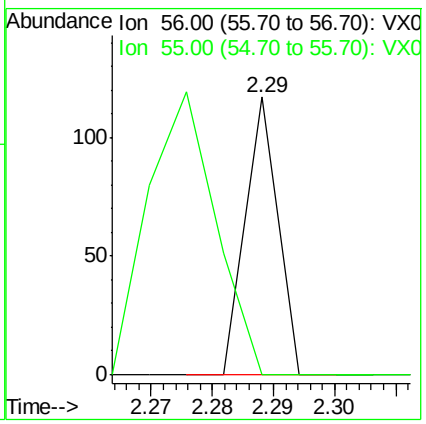


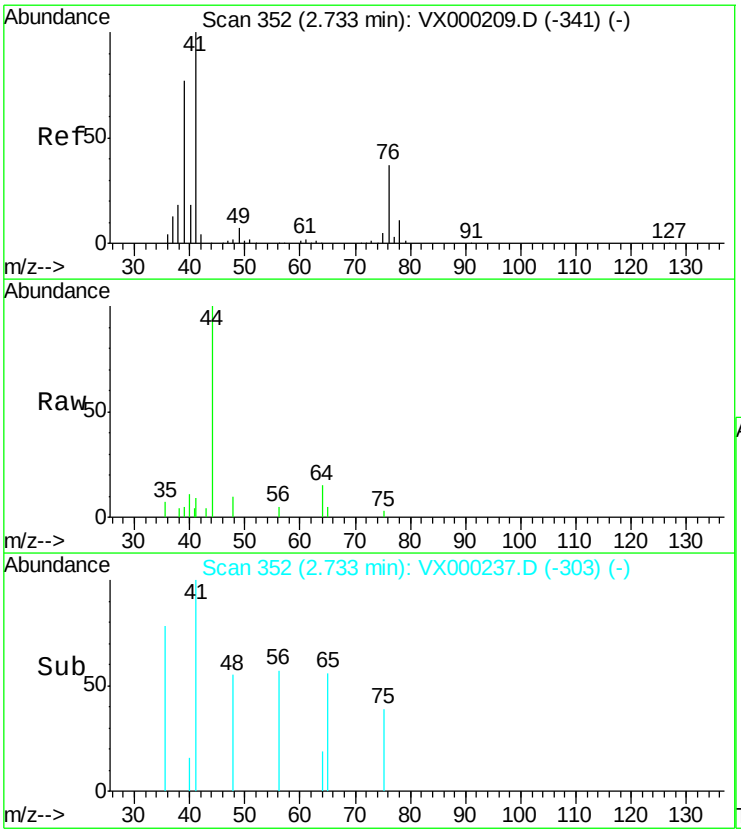

#13
Acrolein
Concen: 5.70 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MHB-WCB

Tgt Ion: 56 Resp: 43

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 211.6 | 59.2 | 88.8# |

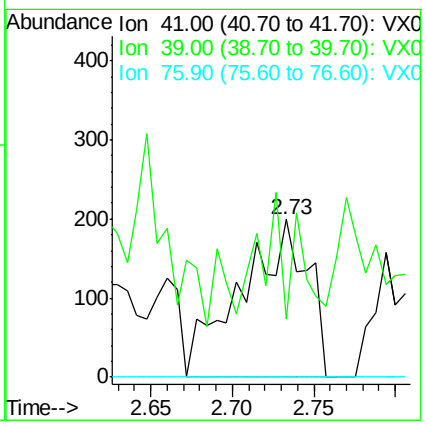


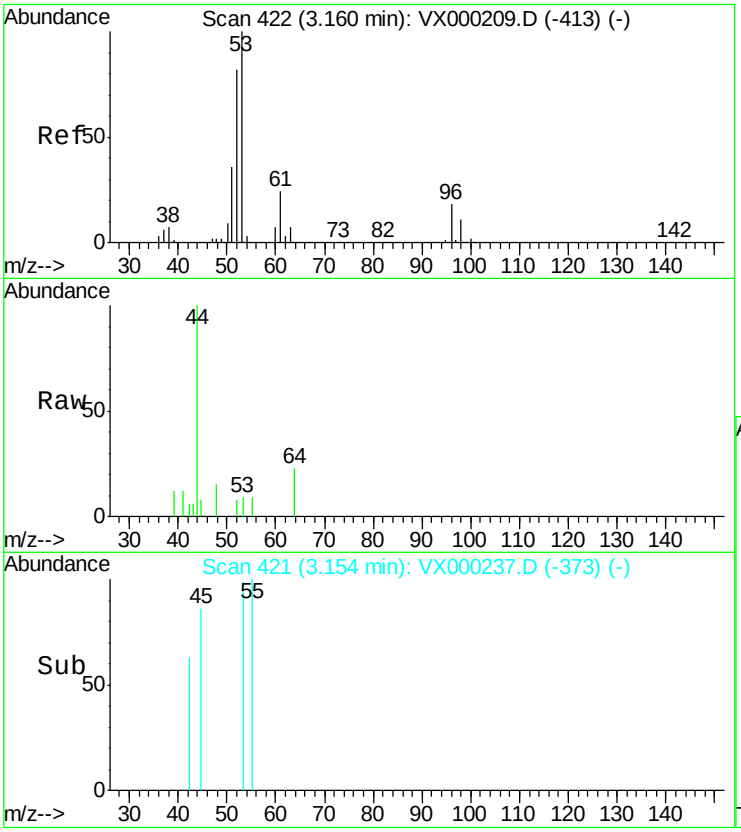




#14
Allyl chloride
Concen: 10.23 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion: 41 Resp: 561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 12.5 | 57.0 | 85.6# |
| 76 | 0.0 | 26.8 | 40.2# |



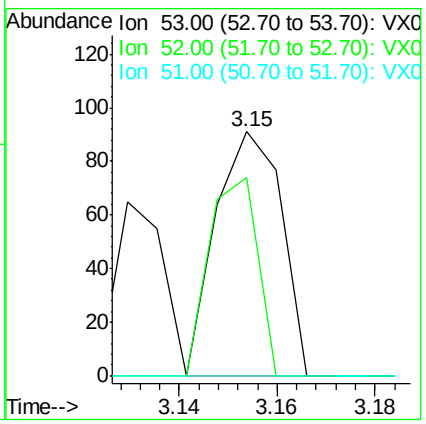


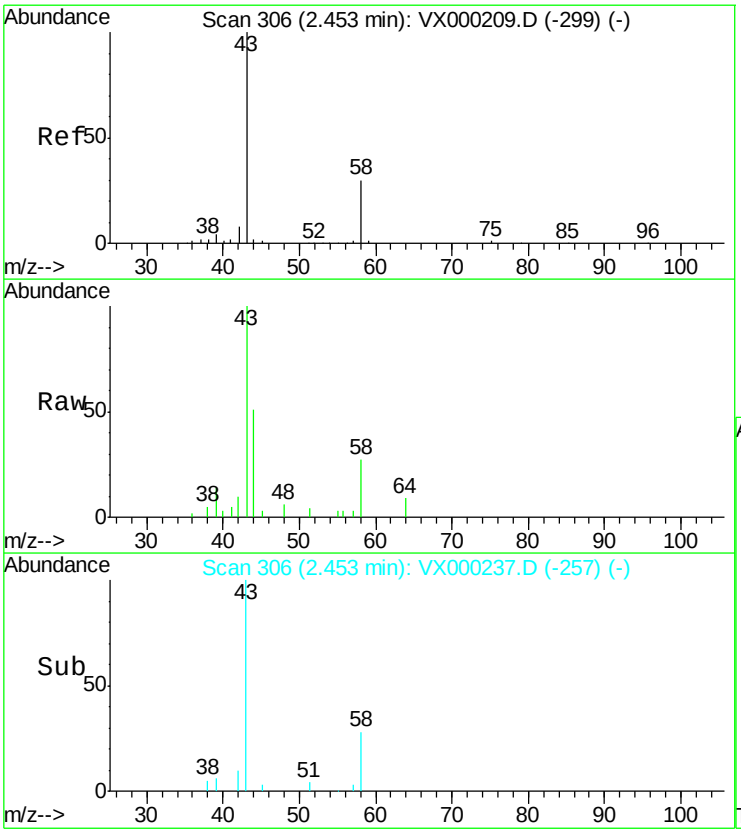

#15
Acrylonitrile
Concen: 3.41 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MHB-WCB

Tgt Ion: 53 Resp: 85

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 60.0 | 66.3 | 99.5# |
| 51 | 0.0 | 29.6 | 44.4# |

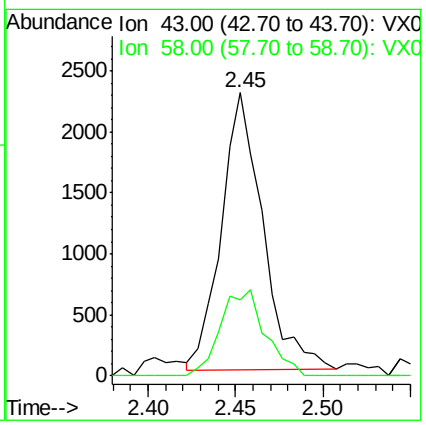


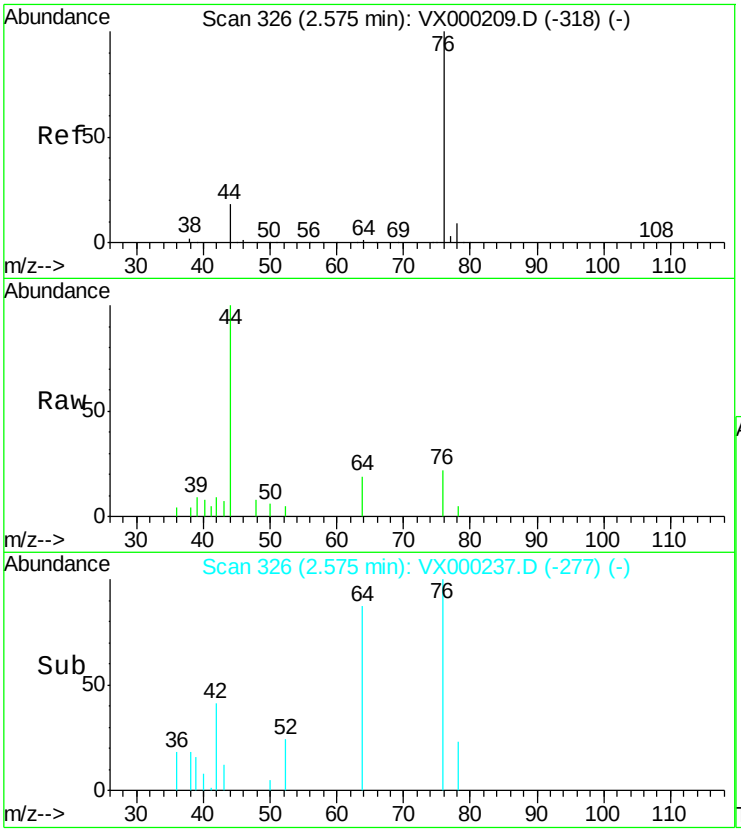




#16
Acetone
Concen: 133.55 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion: 43 Resp: 3744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.4 | 23.8 | 35.6 |



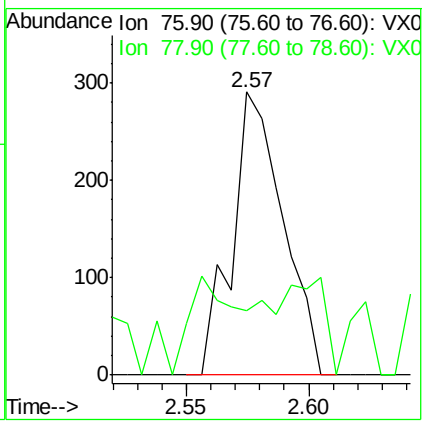


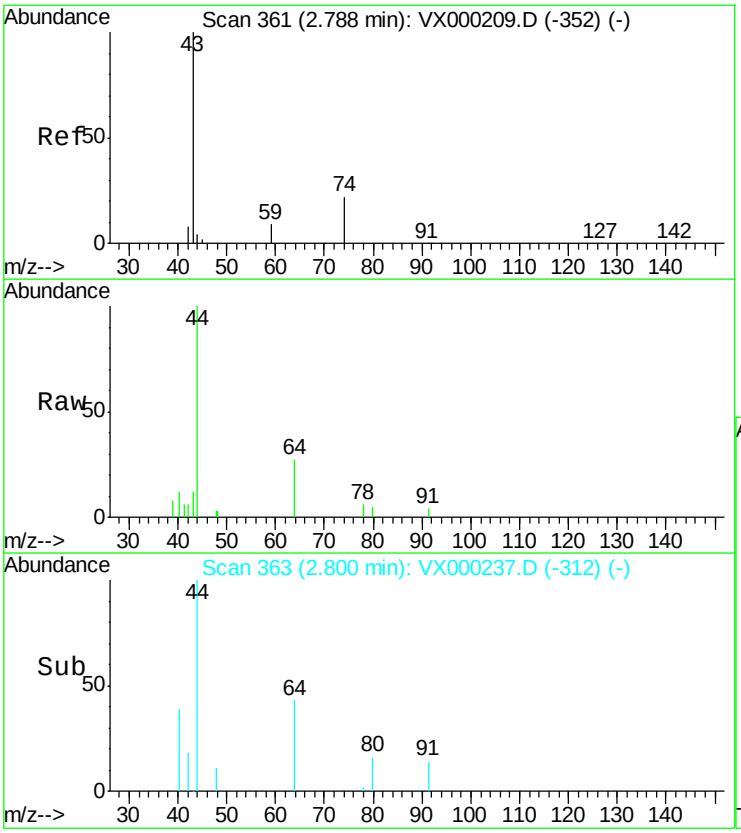

#17
Carbon Disulfide
Concen: 5.15 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MHB-WCB

Tgt Ion: 76 Resp: 419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 22.7 | 7.0 | 10.6# |

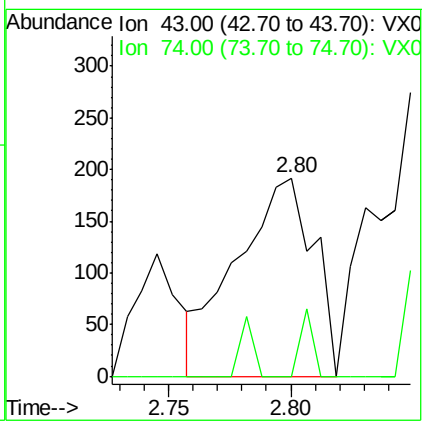


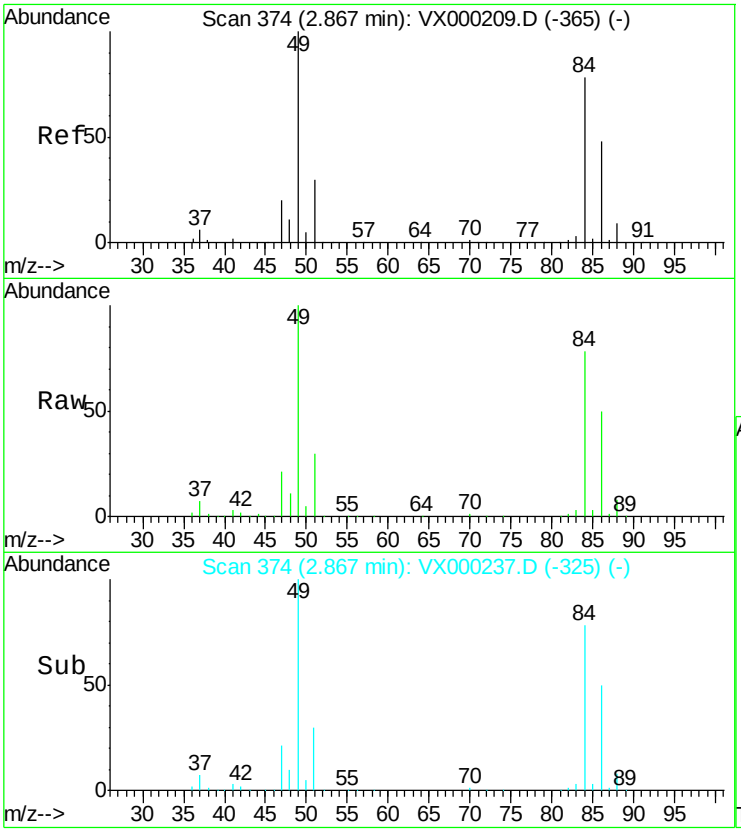




#18
Methyl Acetate
Concen: 7.07 ug/l
RT: 2.80 min Scan# 363
Delta R.T. 0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion: 43 Resp: 422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 5.7 | 18.9 | 28.3# |



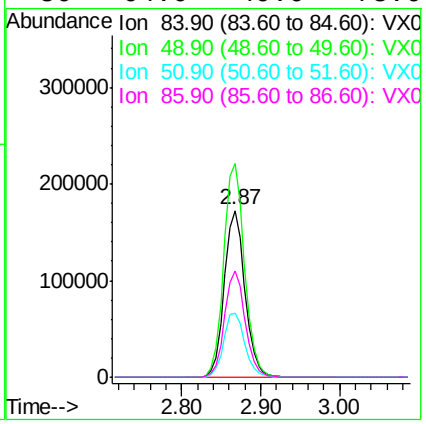


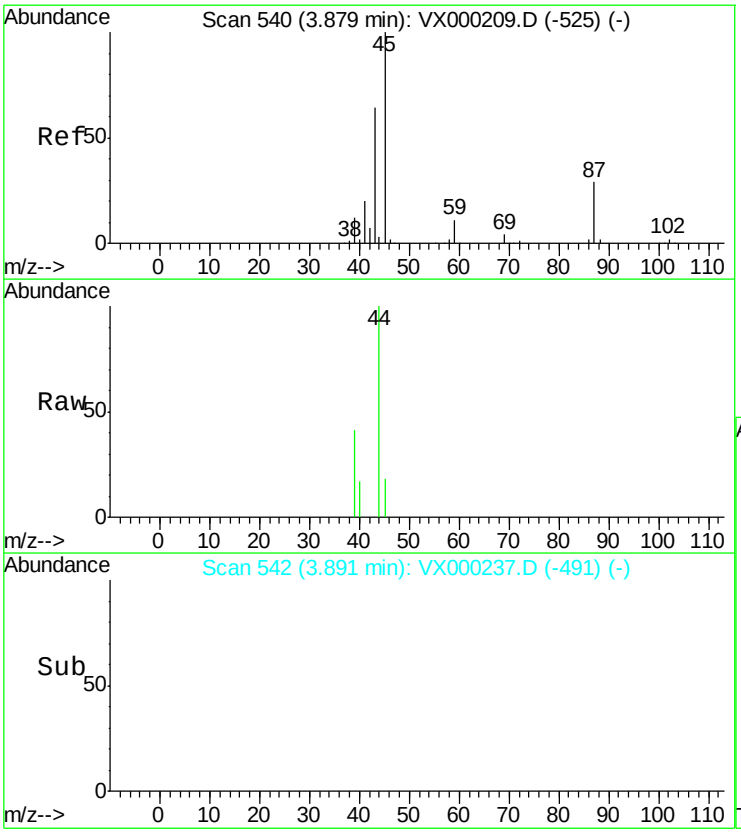

#20
Methylene Chloride
Concen: 9392.41 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MHB-WCB

Tgt Ion: 84 Resp: 314019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 128.1 | 102.1 | 153.1 |
| 51 | 38.6 | 30.6 | 45.8 |
| 86 | 64.0 | 49.0 | 73.6 |

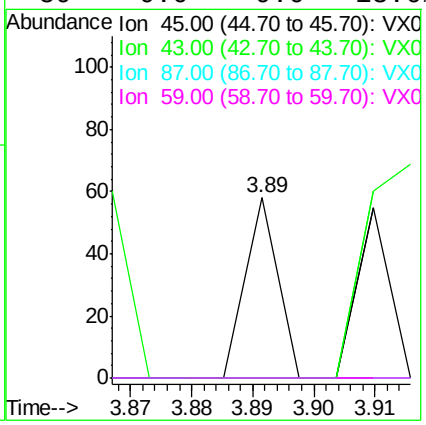


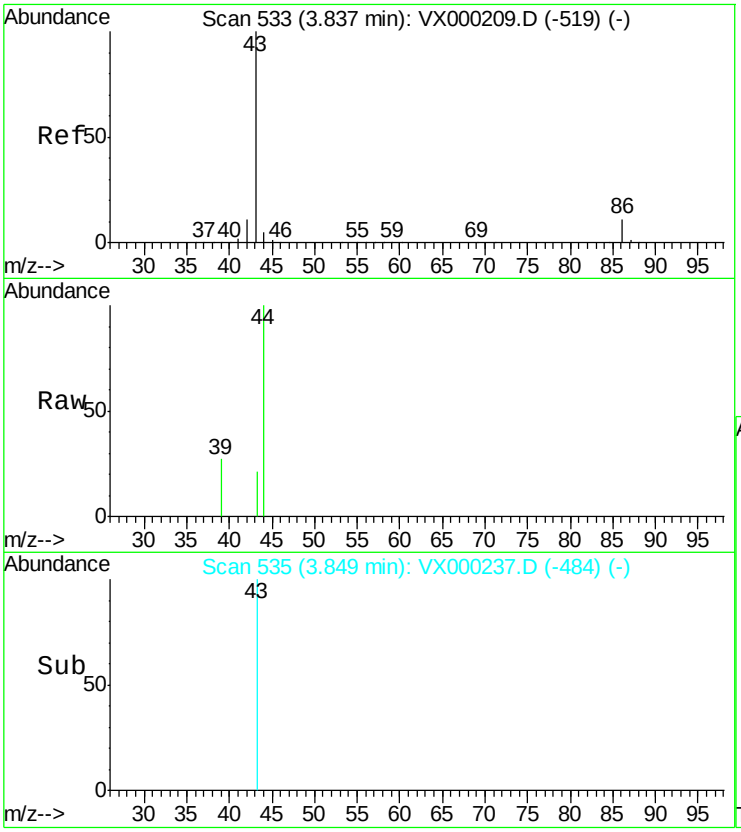




#22
Diisopropyl ether
Concen: 0.22 ug/l
RT: 3.89 min Scan# 542
Delta R.T. 0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion: 45 Resp: 21

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 0.0 | 53.5 | 80.3# |
| 87 | 0.0 | 23.3 | 34.9# |
| 59 | 0.0 | 9.0 | 13.6# |



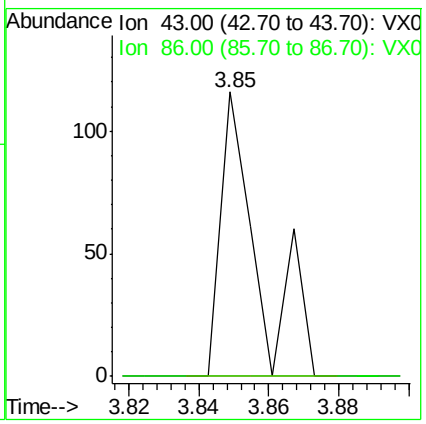


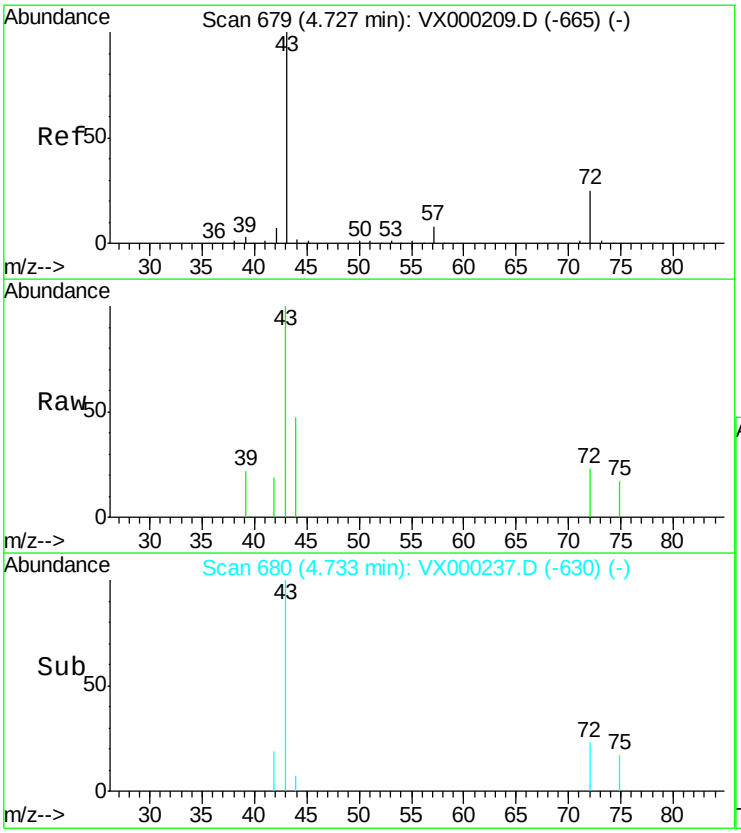

#23
Vinyl Acetate
Concen: 0.96 ug/l
RT: 3.85 min Scan# 535
Delta R.T. 0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :** MSVOA_X
**ClientSampleId :** MHB-WCB

Tgt Ion: 43 Resp: 87

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 0.0 | 8.5 | 12.7# |

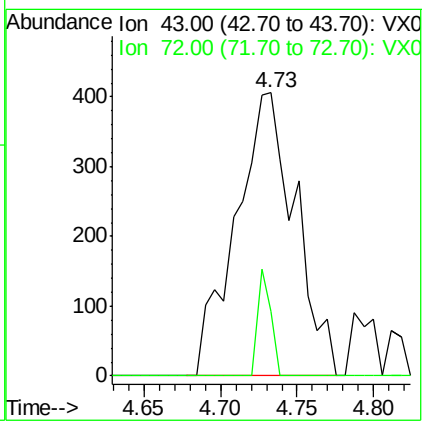


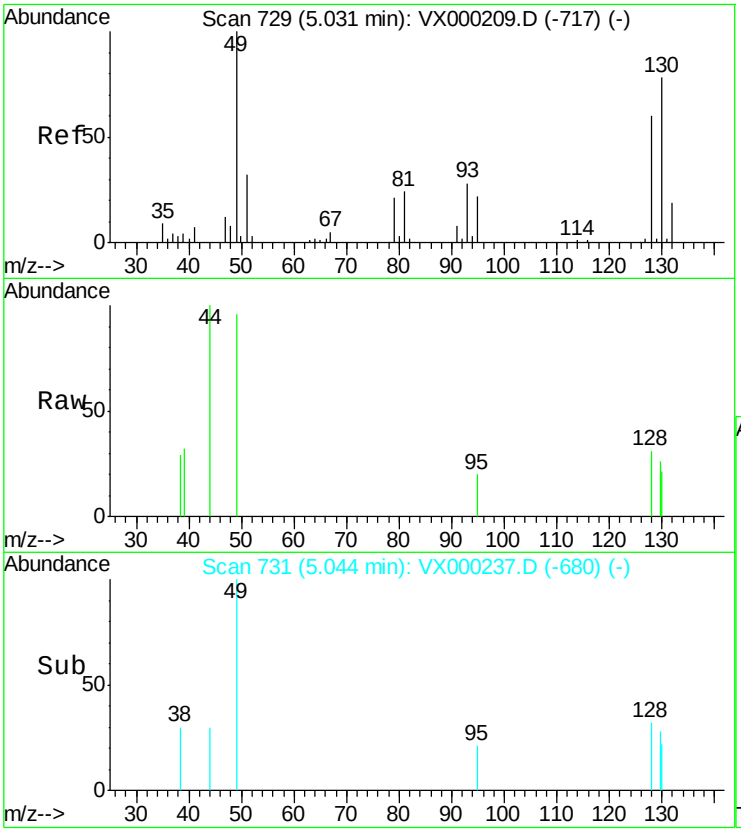




#25
2-Butanone
Concen: 31.74 ug/l
RT: 4.73 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion: 43 Resp: 1098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 22.7 | 20.2 | 30.2 |



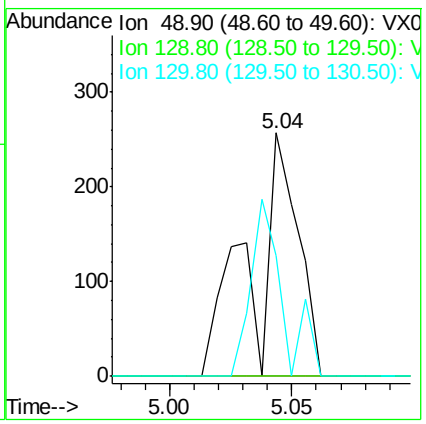


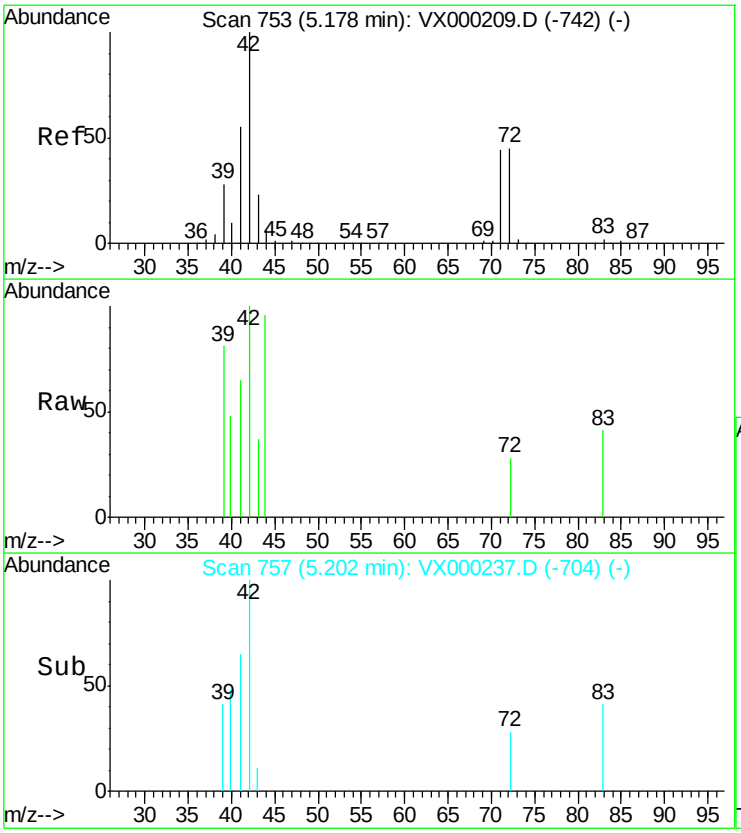

#28
Bromochloromethane
Concen: 13.73 ug/l
RT: 5.04 min Scan# 731
Delta R.T. 0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MHB-WCB

Tgt Ion: 49 Resp: 337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.0 | 0.0 | 5.0 |
| 130 | 50.1 | 63.5 | 95.3# |

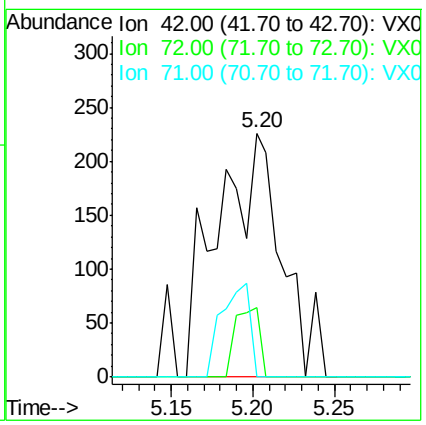


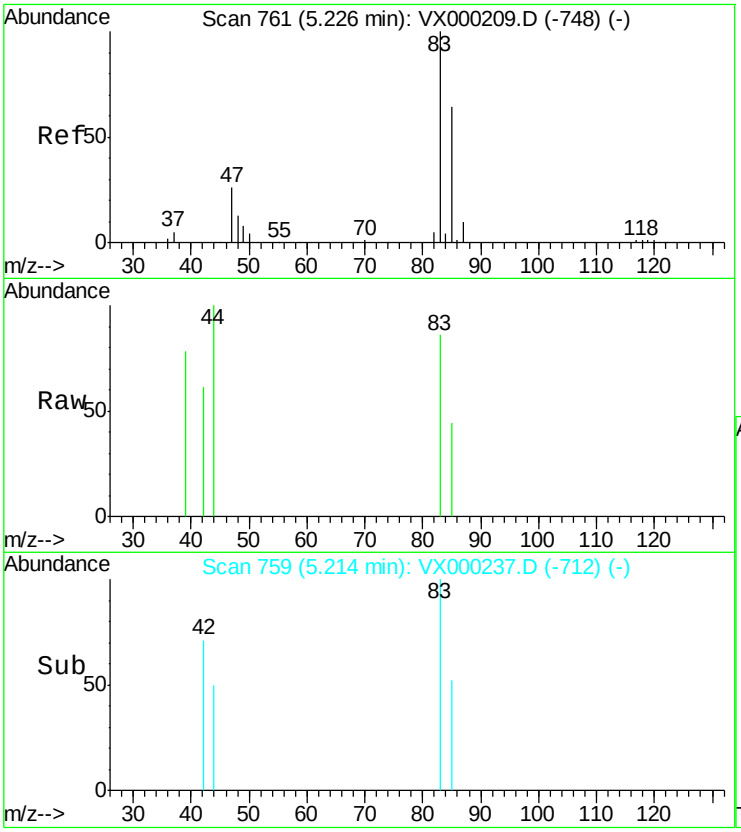




#29
Tetrahydrofuran
Concen: 28.72 ug/l
RT: 5.20 min Scan# 757
Delta R.T. 0.02 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion: 42 Resp: 624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 10.6 | 37.3 | 55.9# |
| 71 | 16.8 | 35.0 | 52.4# |



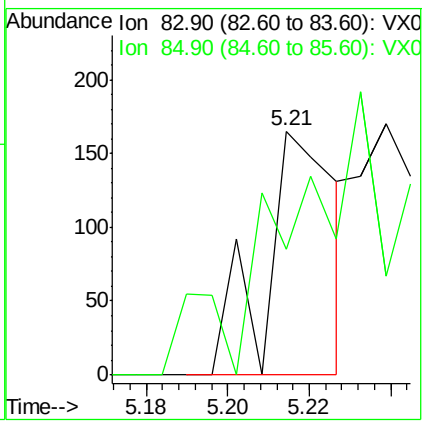


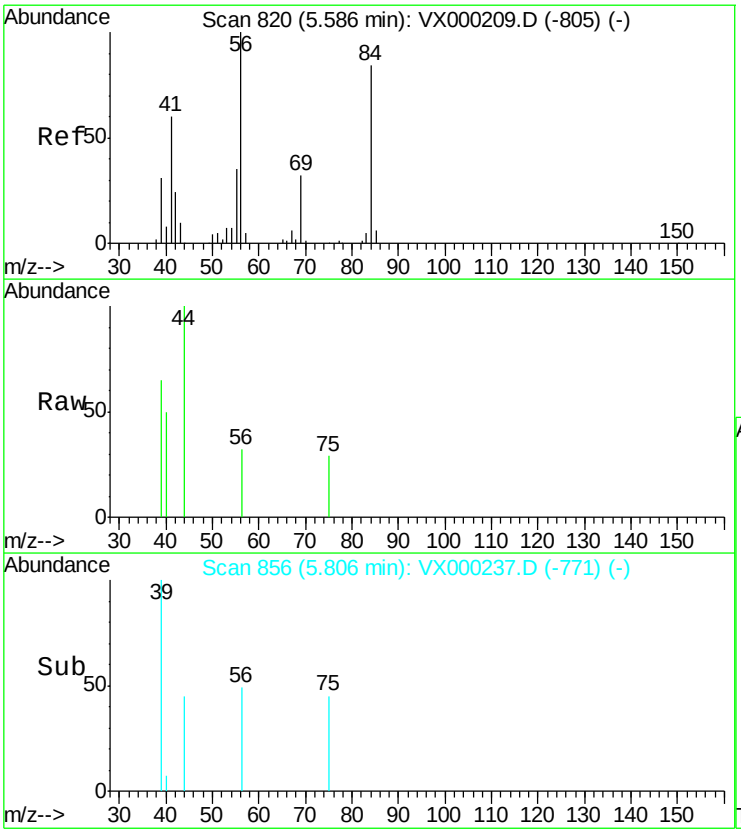

#30
Chloroform
Concen: 3.51 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MHB-WCB

Tgt Ion: 83 Resp: 196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 18.2 | 51.0 | 76.6# |

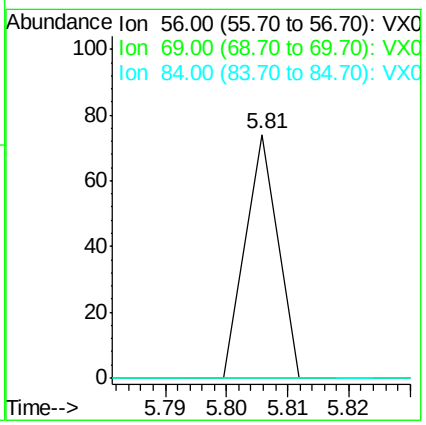


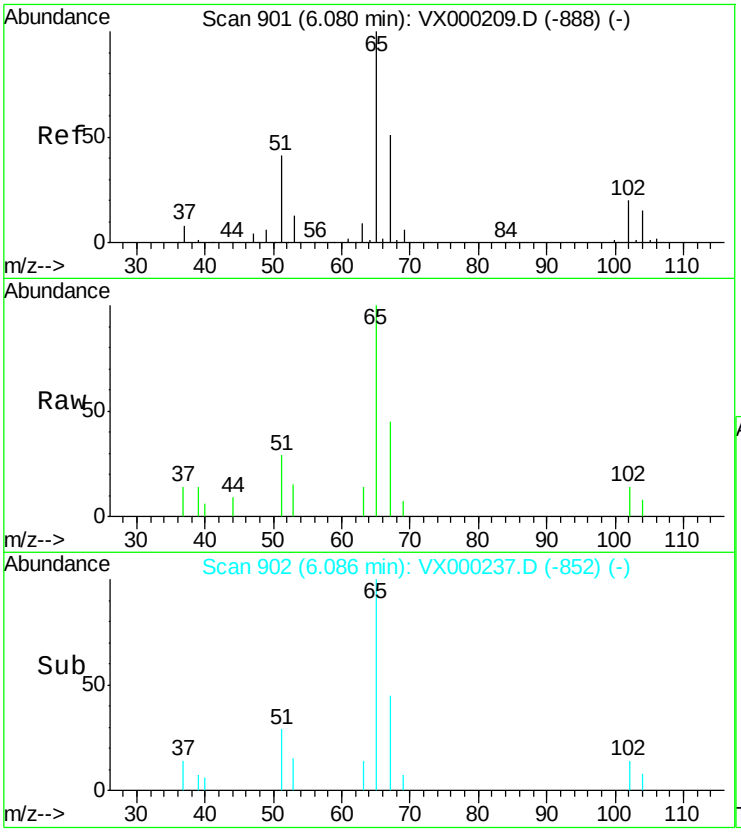




#31
Cyclohexane
Concen: 0.63 ug/l
RT: 5.81 min Scan# 856
Delta R.T. 0.22 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion: 56 Resp: 27

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 0.0 | 25.3 | 37.9# |
| 84 | 0.0 | 67.2 | 100.8# |



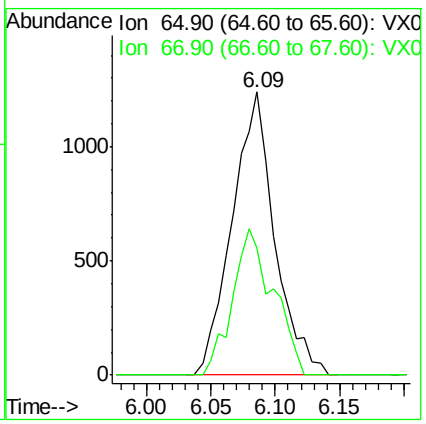


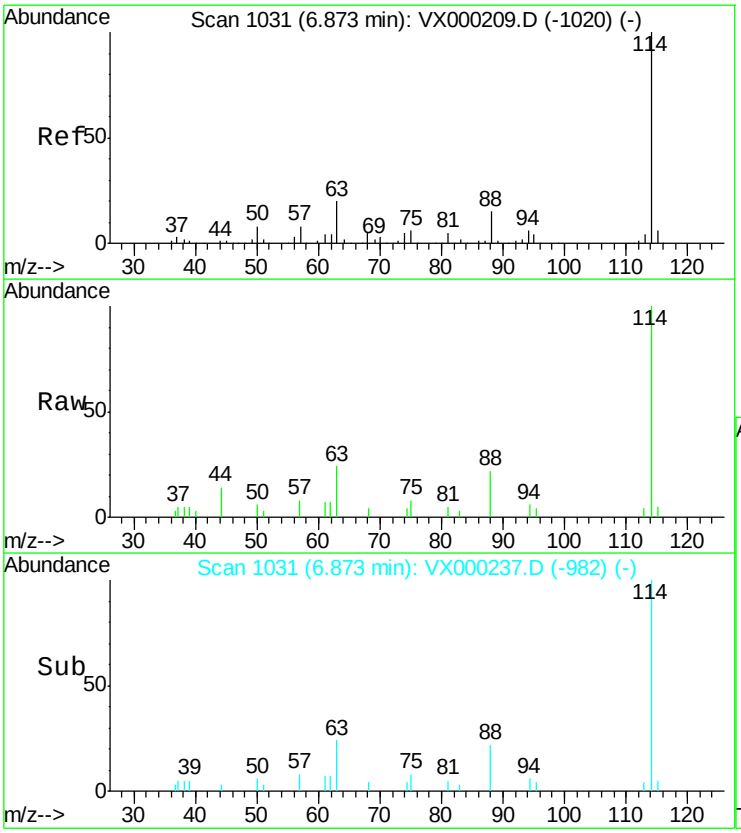

#33
1,2-Dichloroethane-d4
Concen: 72.78 ug/l
RT: 6.09 min Scan# 902
Delta R.T. 0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MHB-WCB

Tgt Ion: 65 Resp: 2841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.0 | 0.0 | 103.4 |

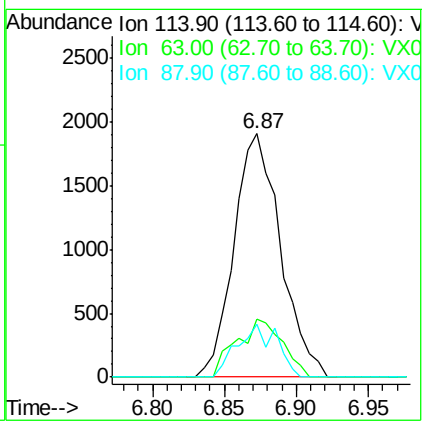


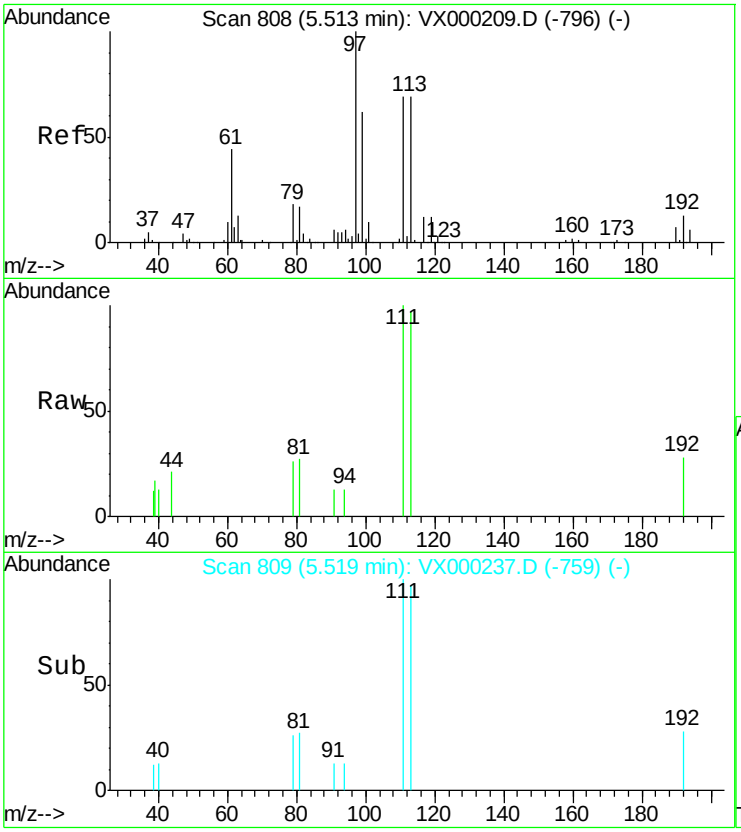




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion:114 Resp: 4286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 24.0 | 0.0 | 39.2 |
| 88 | 21.8 | 0.0 | 29.8 |



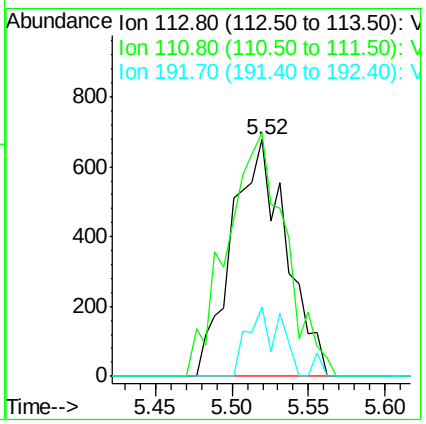


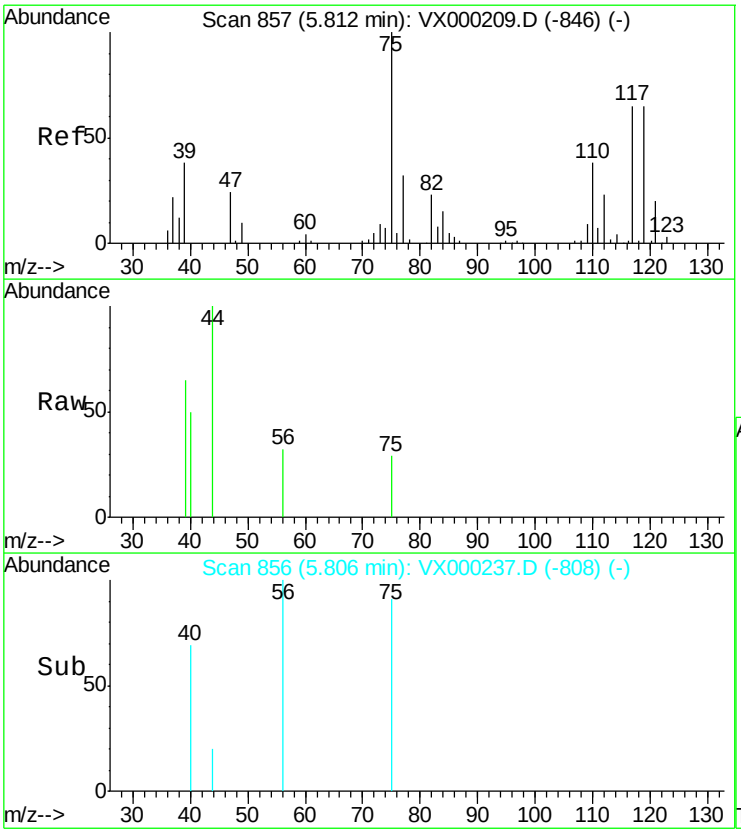

#35
Dibromofluoromethane
Concen: 62.10 ug/l
RT: 5.52 min Scan# 809
Delta R.T. 0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MHB-WCB

Tgt Ion:113 Resp: 1672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 110.6 | 83.0 | 124.6 |
| 192 | 17.6 | 15.5 | 23.3 |

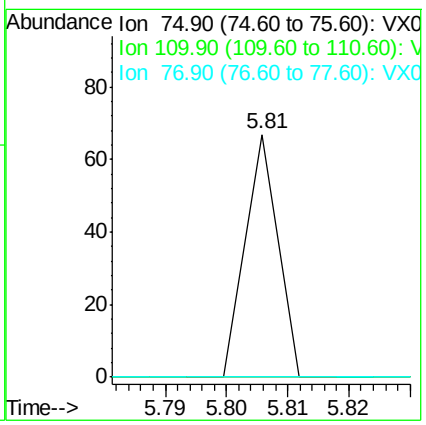


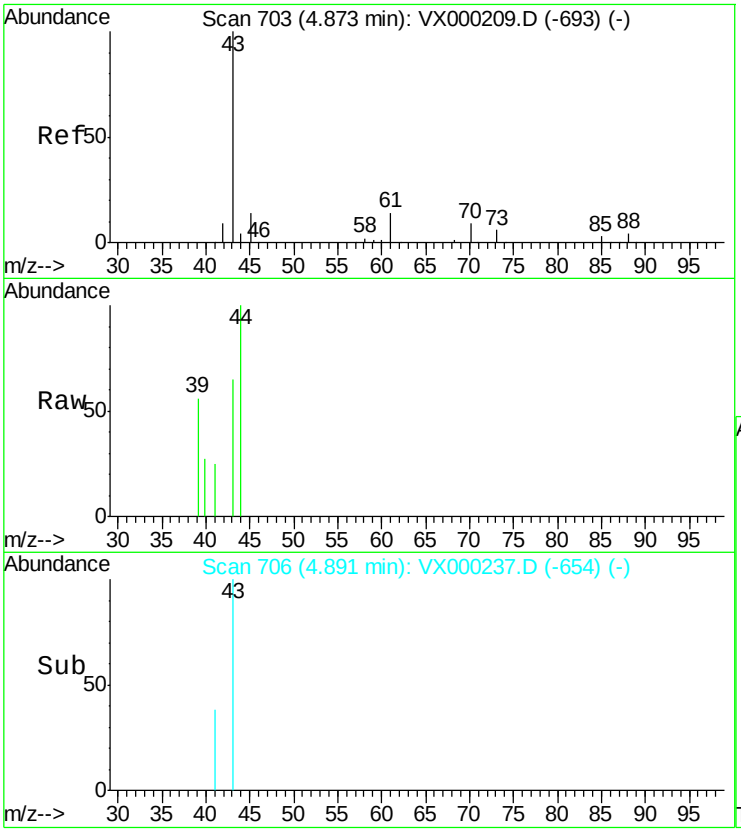




#36
1,1-Dichloropropene
Concen: 0.66 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion: 75 Resp: 25

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 0.0 | 17.8 | 53.5# |
| 77 | 0.0 | 24.9 | 37.3# |



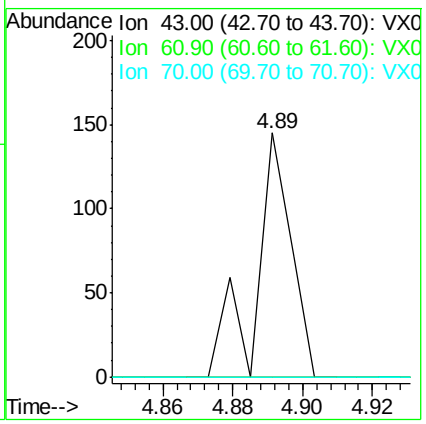


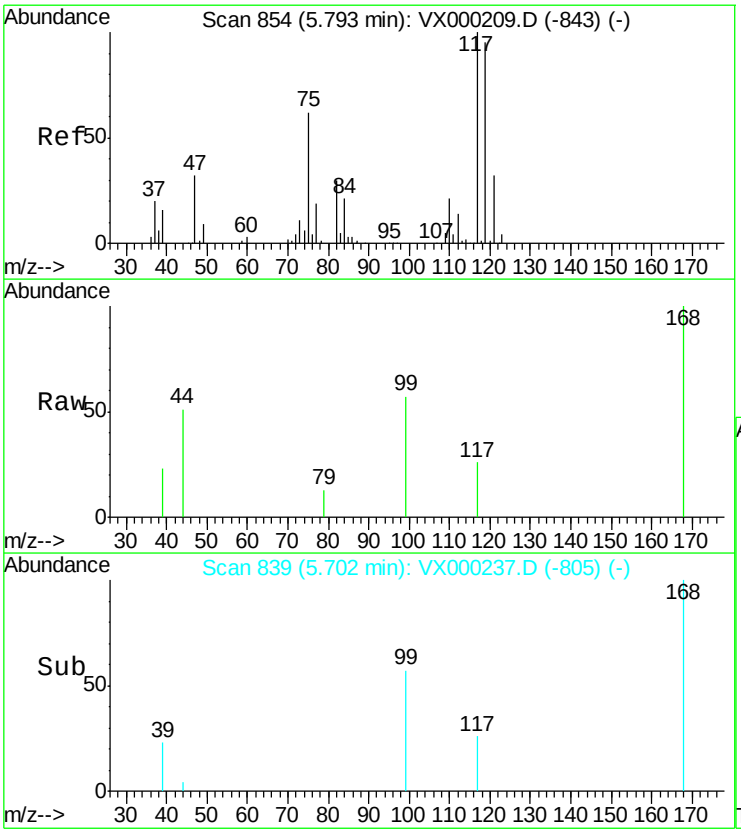

#37
Ethyl Acetate
Concen: 1.83 ug/l
RT: 4.89 min Scan# 706
Delta R.T. 0.02 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :** MSVOA_X
**ClientSampleId :** MHB-WCB

Tgt Ion: 43 Resp: 101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 11.0 | 16.6# |
| 70 | 0.0 | 7.8 | 11.6# |

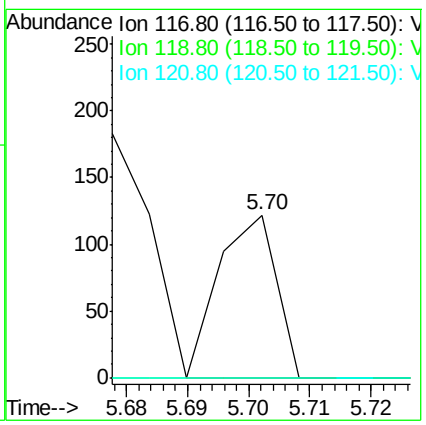


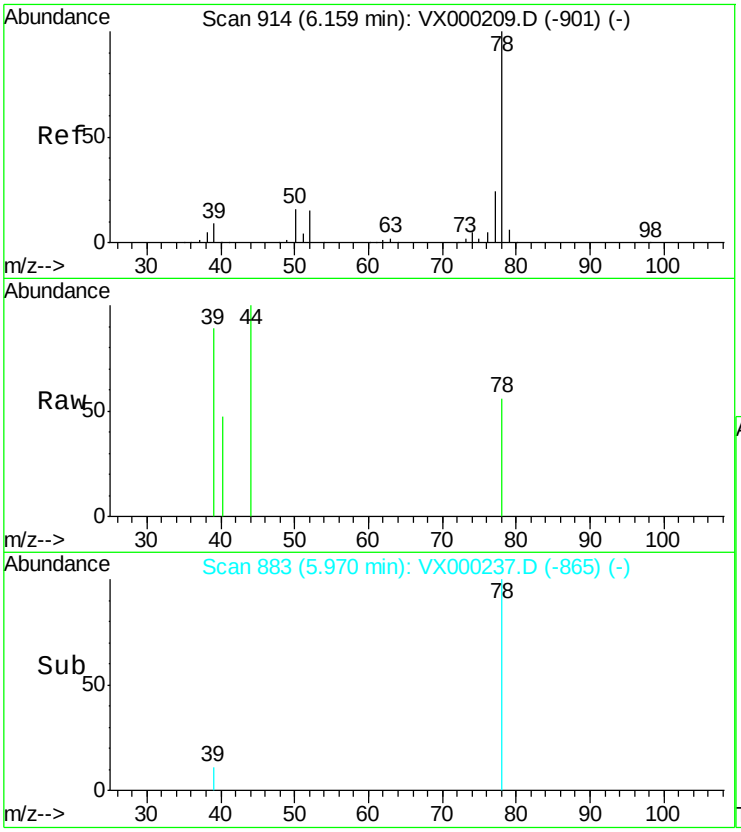




#38
Carbon Tetrachloride
Concen: 2.05 ug/l
RT: 5.70 min Scan# 839
Delta R.T. -0.09 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion:117 Resp: 79

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 0.0 | 75.9 | 113.9# |
| 121 | 0.0 | 25.8 | 38.6# |



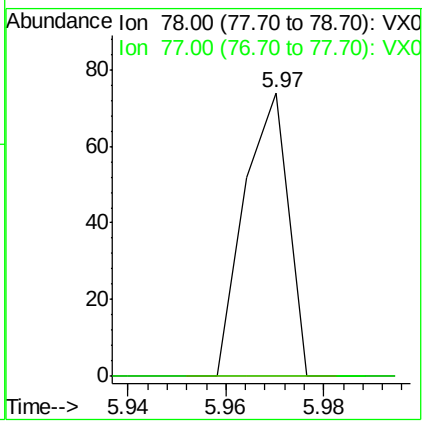


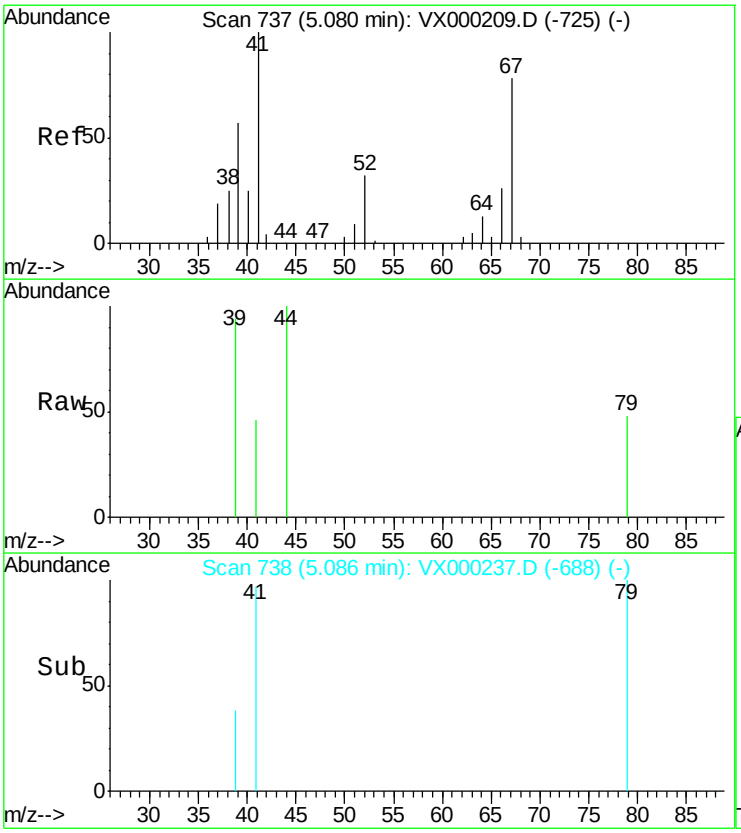

#40
Benzene
Concen: 0.42 ug/l
RT: 5.97 min Scan# 883
Delta R.T. -0.19 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MHB-WCB

Tgt Ion: 78 Resp: 46

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 0.0 | 19.4 | 29.2# |

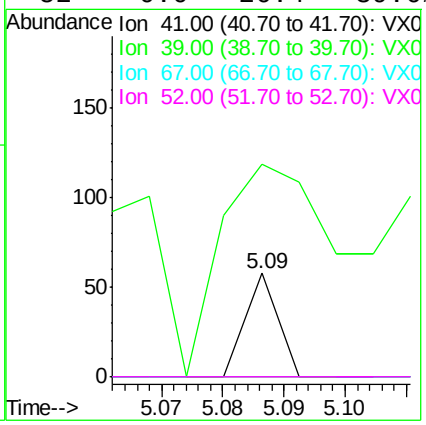


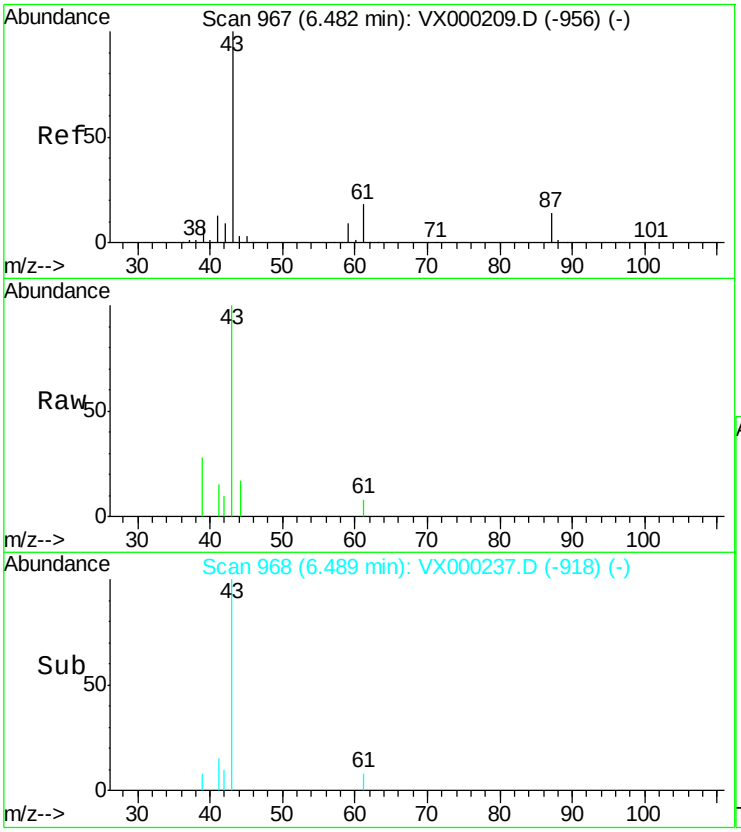




#41
Methacrylonitrile
Concen: 0.75 ug/l
RT: 5.09 min Scan# 738
Delta R.T. 0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion: 41 Resp: 21

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 795.2 | 47.8 | 71.6# |
| 67 | 0.0 | 59.3 | 88.9# |
| 52 | 0.0 | 26.4 | 39.6# |



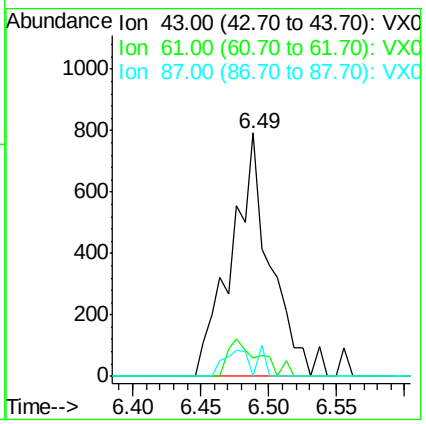


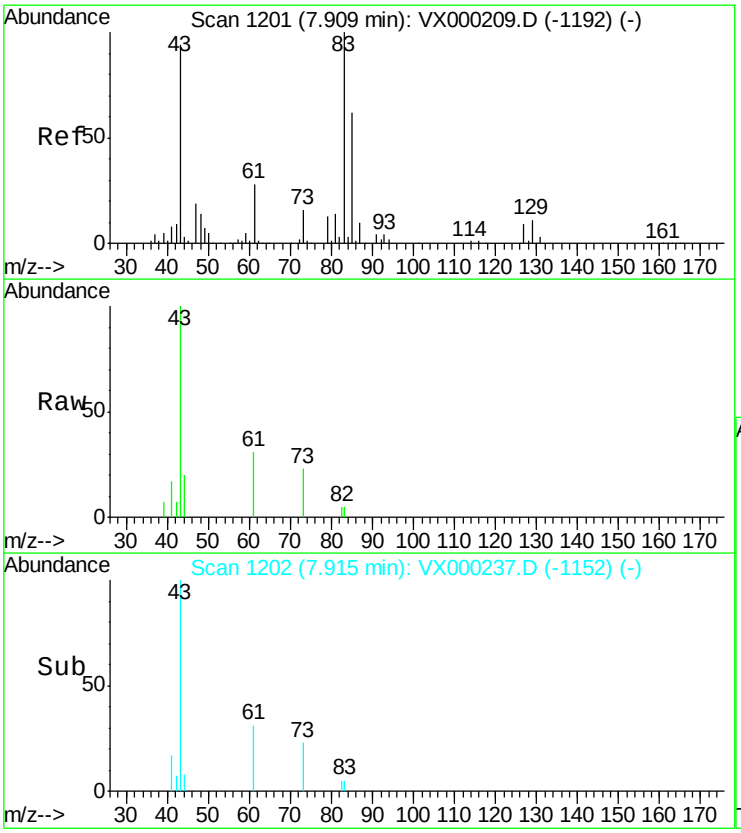

#43
Isopropyl Acetate
Concen: 19.93 ug/l
RT: 6.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :** MSVOA_X
**ClientSampleId :** MHB-WCB

Tgt Ion: 43 Resp: 1588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 12.5 | 14.8 | 22.2# |
| 87 | 6.4 | 10.6 | 16.0# |

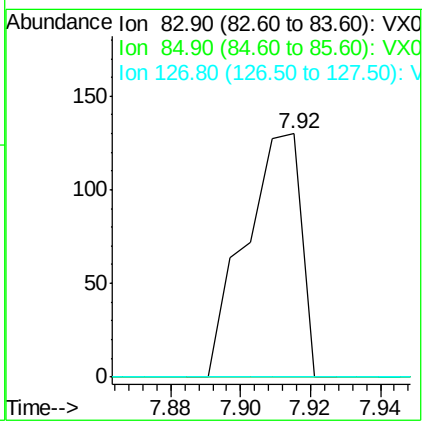


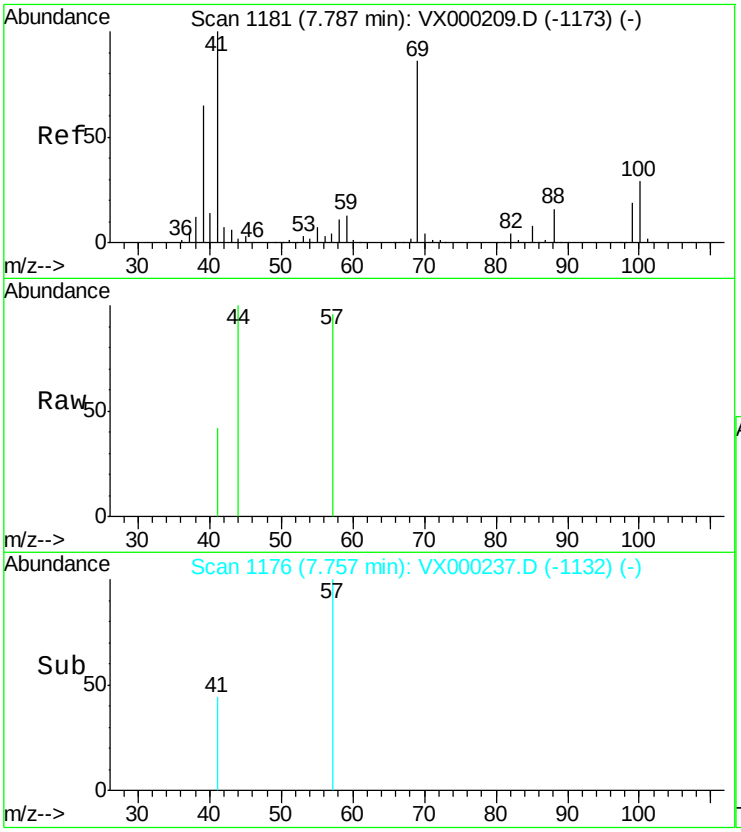




#47
Bromodichloromethane
Concen: 3.71 ug/l
RT: 7.92 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion: 83 Resp: 144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 0.0 | 49.6 | 74.4# |
| 127 | 0.0 | 7.0 | 10.4# |



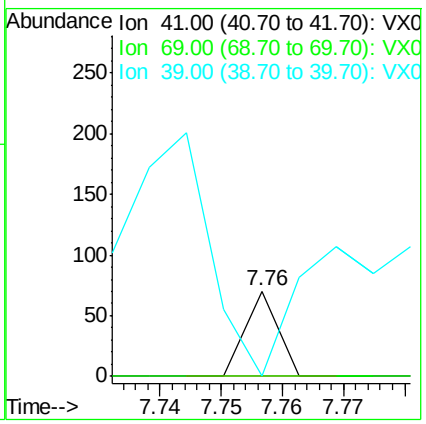


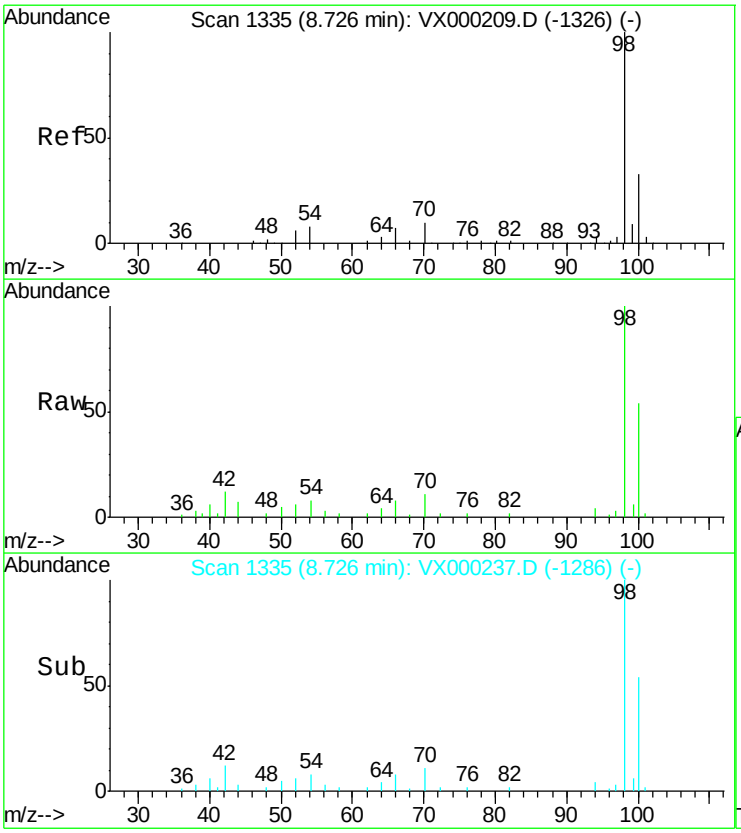

#48
Methyl methacrylate
Concen: 0.66 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.03 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MHB-WCB

Tgt Ion: 41 Resp: 26

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 0.0 | 70.0 | 105.0# |
| 39 | 603.8 | 53.6 | 80.4# |

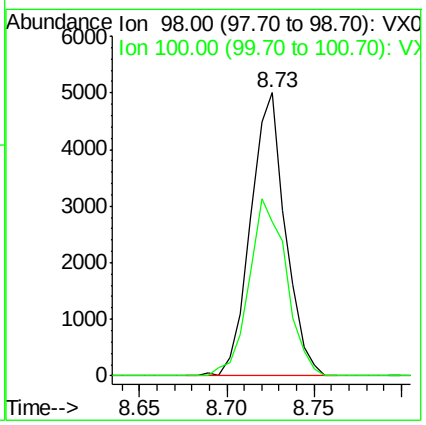


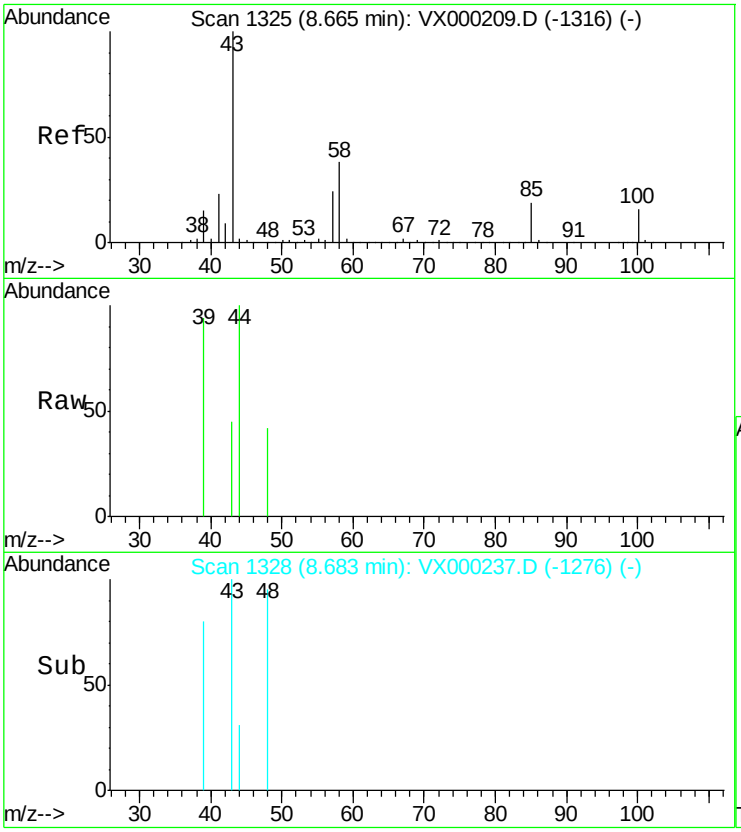




#50
Toluene-d8
Concen: 62.28 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion: 98 Resp: 6945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.2 | 51.2 | 76.8 |



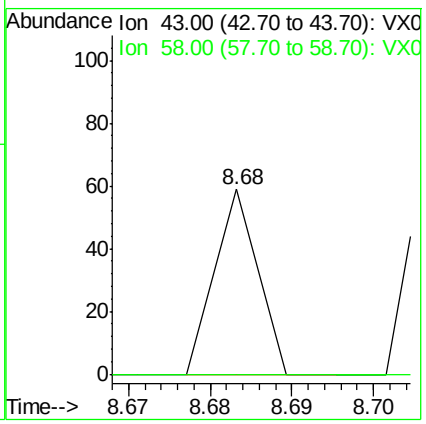


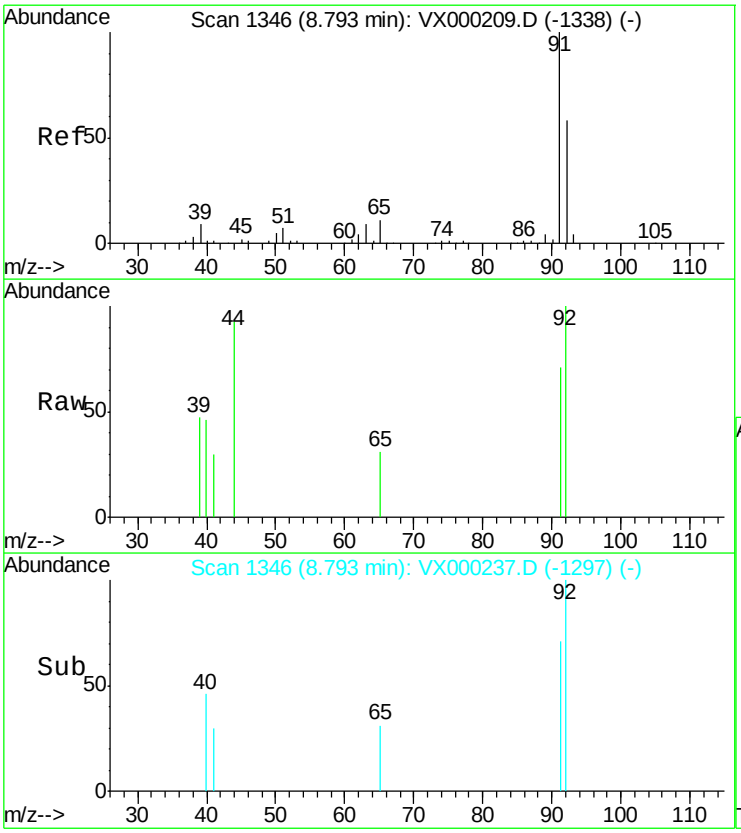

#51
4-Methyl-2-Pentanone
Concen: 0.37 ug/l
RT: 8.68 min Scan# 1328
Delta R.T. 0.02 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :** MSVOA_X
**ClientSampleId :** MHB-WCB

Tgt Ion: 43 Resp: 22

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 30.2 | 45.2# |

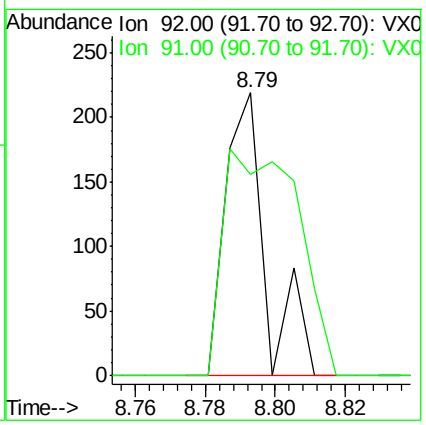


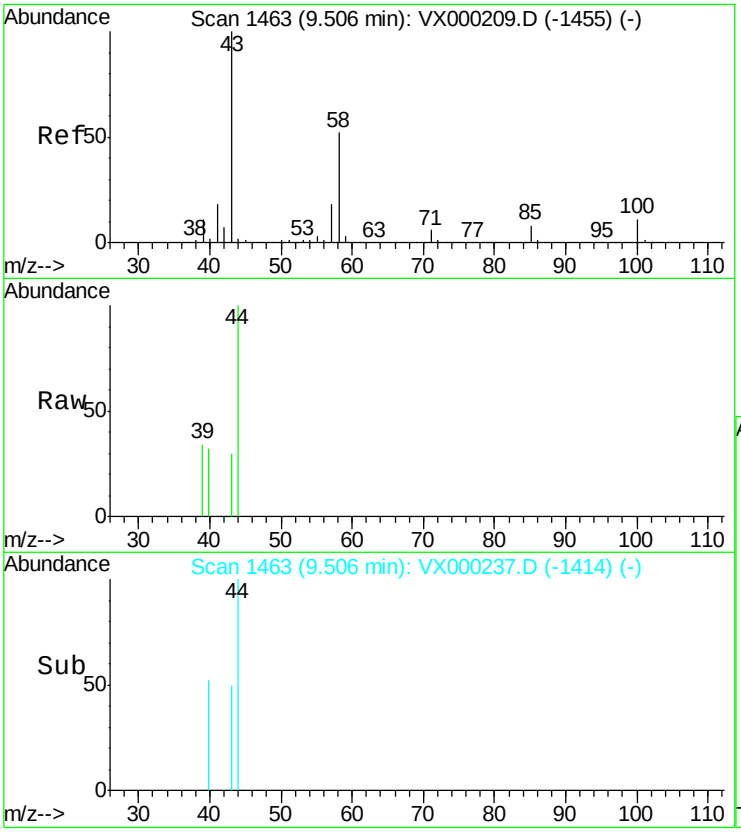




#52
Toluene
Concen: 2.32 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion: 92 Resp: 175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 149.7 | 139.0 | 208.6 |



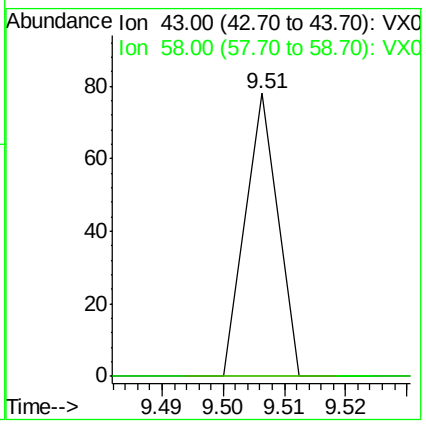


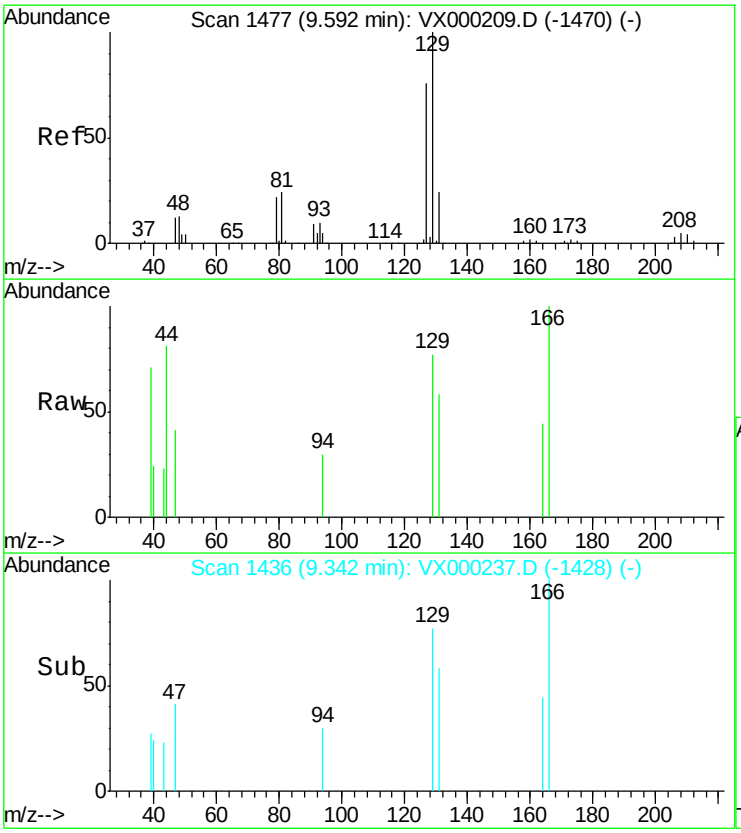

#59
2-Hexanone
Concen: 0.57 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MHB-WCB

Tgt Ion: 43 Resp: 29

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 26.6 | 79.7# |

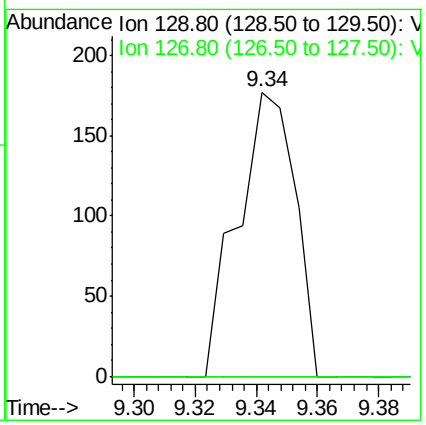


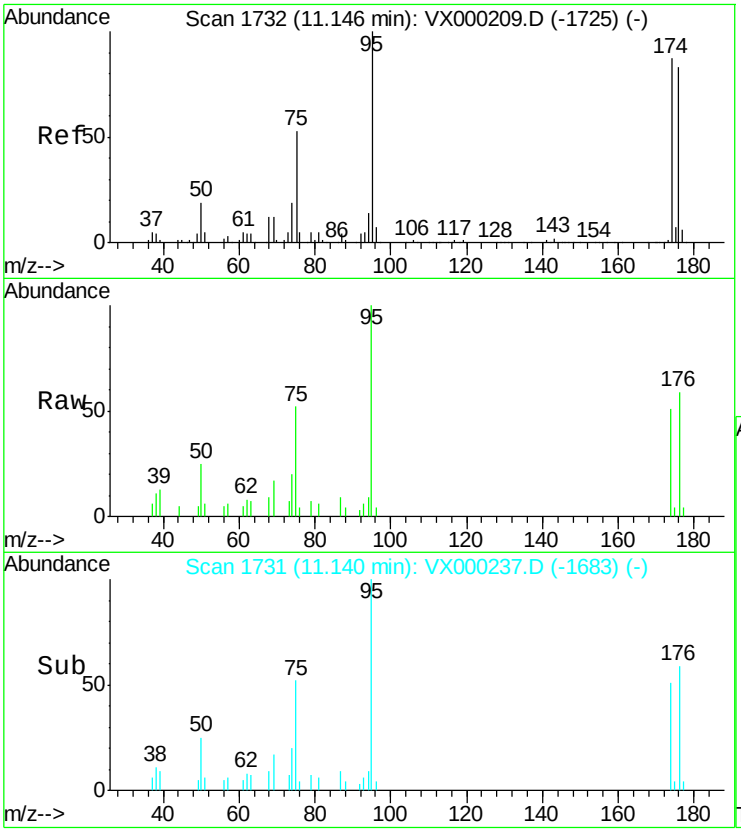




#60
Dibromochloromethane
Concen: 7.18 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion:129 Resp: 231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 39.1 | 117.2# |



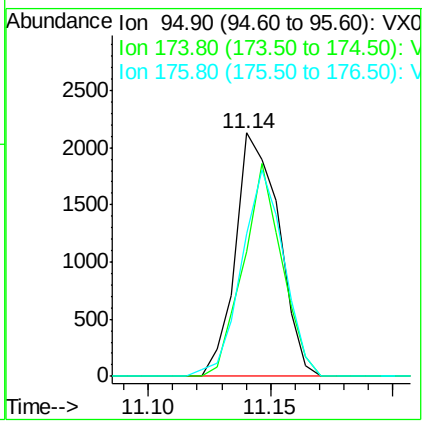


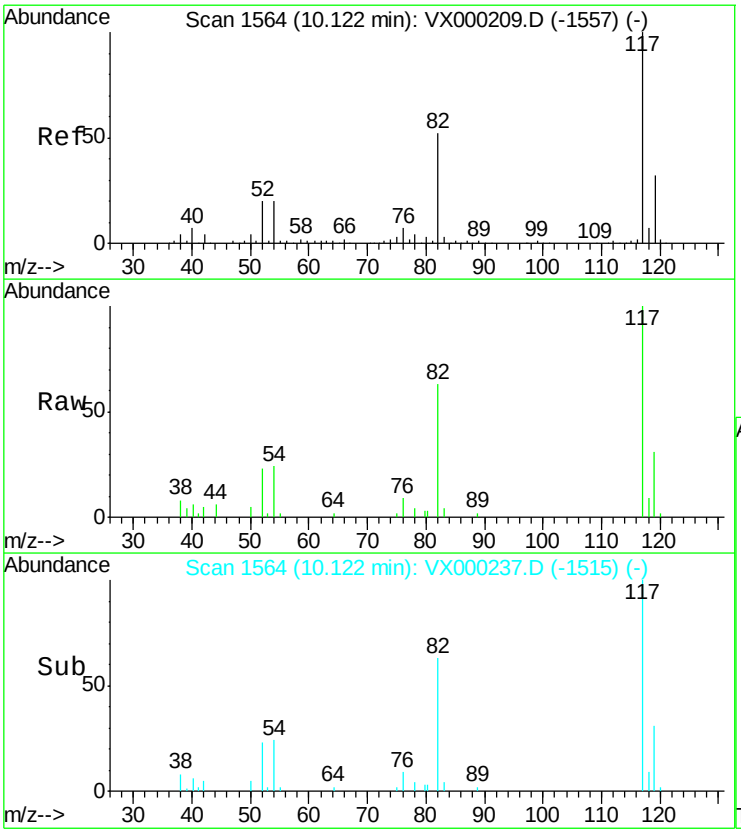

#62
4-Bromofluorobenzene
Concen: 60.18 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MHB-WCB

Tgt Ion: 95 Resp: 2619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 78.6 | 0.0 | 175.6 |
| 176 | 83.3 | 0.0 | 171.0 |

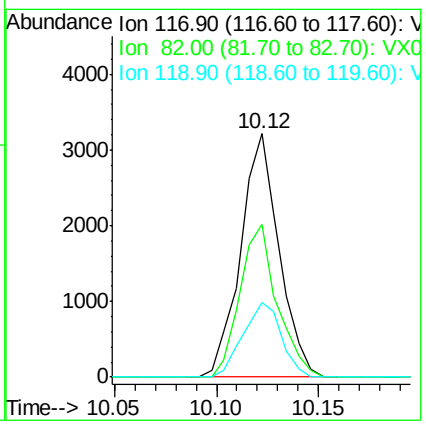


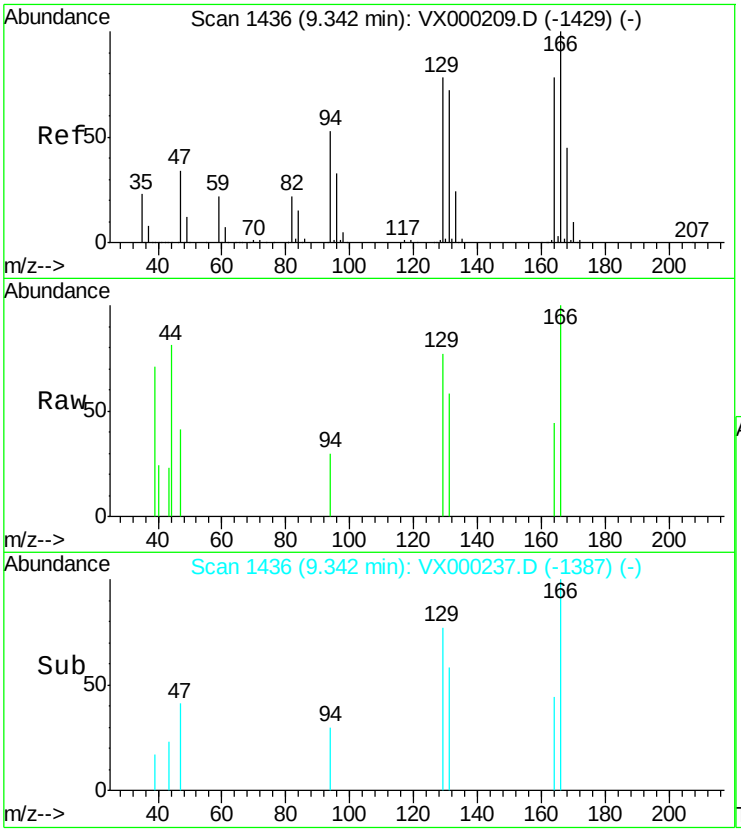




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion:117 Resp: 4212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 62.5 | 42.0 | 63.0 |
| 119 | 30.9 | 25.3 | 37.9 |



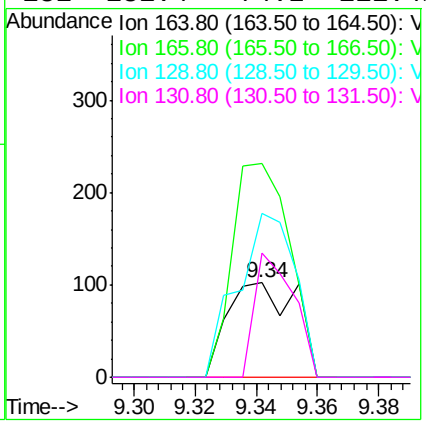


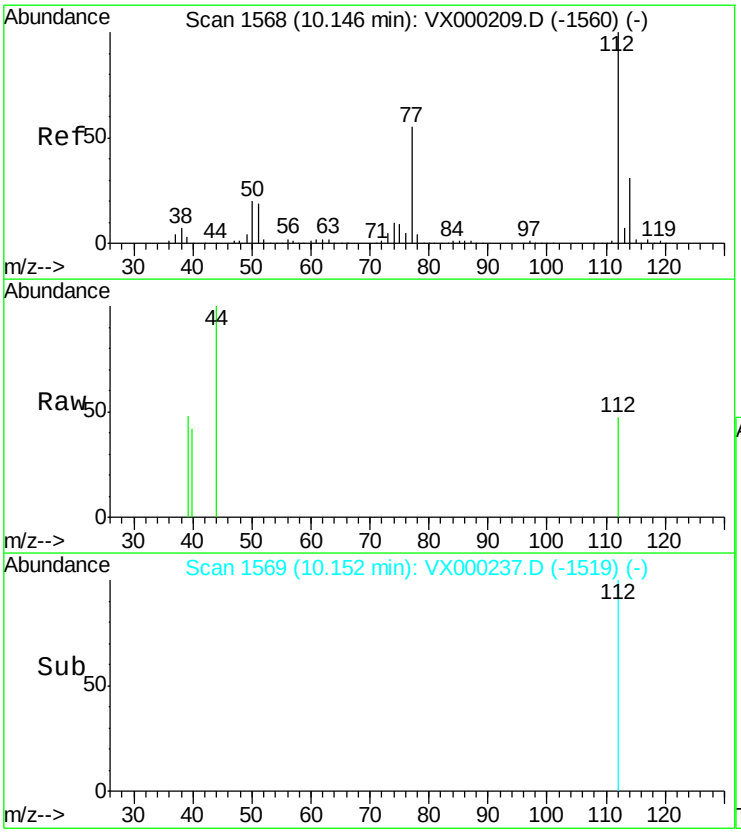

#64
Tetrachloroethene
Concen: 5.33 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MHB-WCB

Tgt Ion:164 Resp: 157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 226.5 | 103.0 | 154.6# |
| 129 | 173.5 | 80.2 | 120.4# |
| 131 | 131.4 | 74.2 | 111.4# |

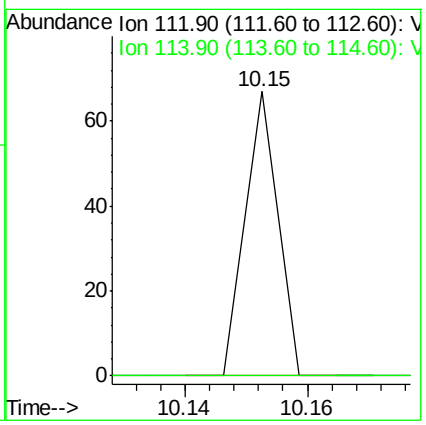


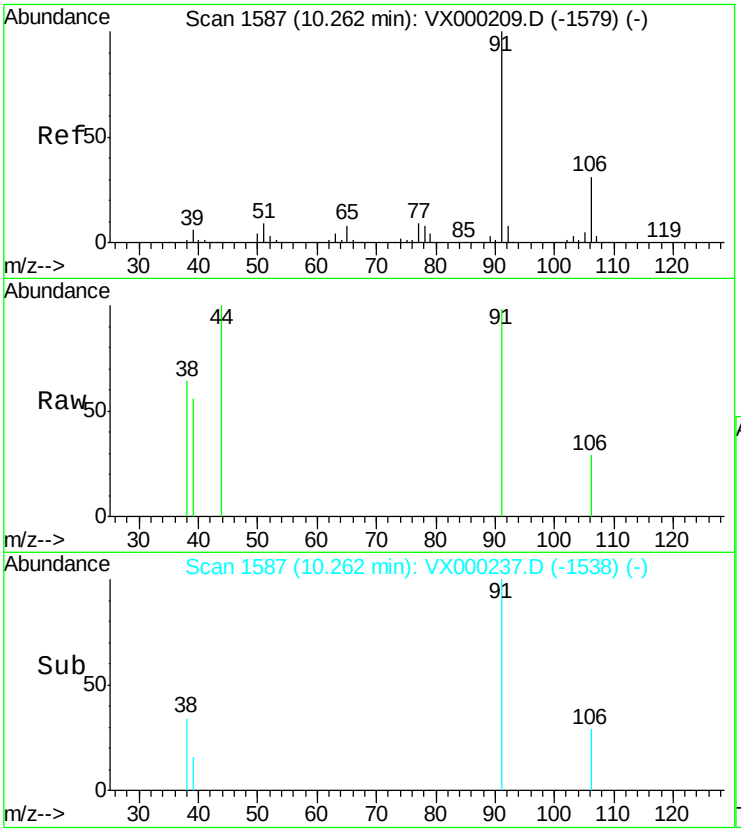




#65
Chlorobenzene
Concen: 0.29 ug/l
RT: 10.15 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion:112 Resp: 25

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 0.0 | 25.0 | 37.4# |



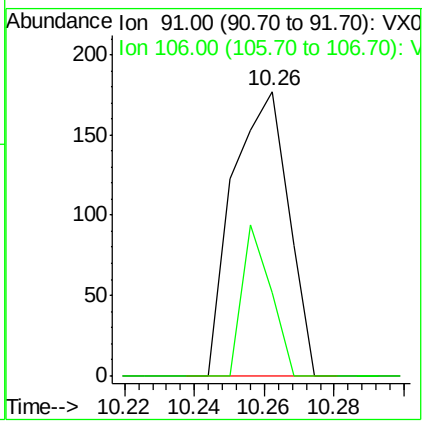


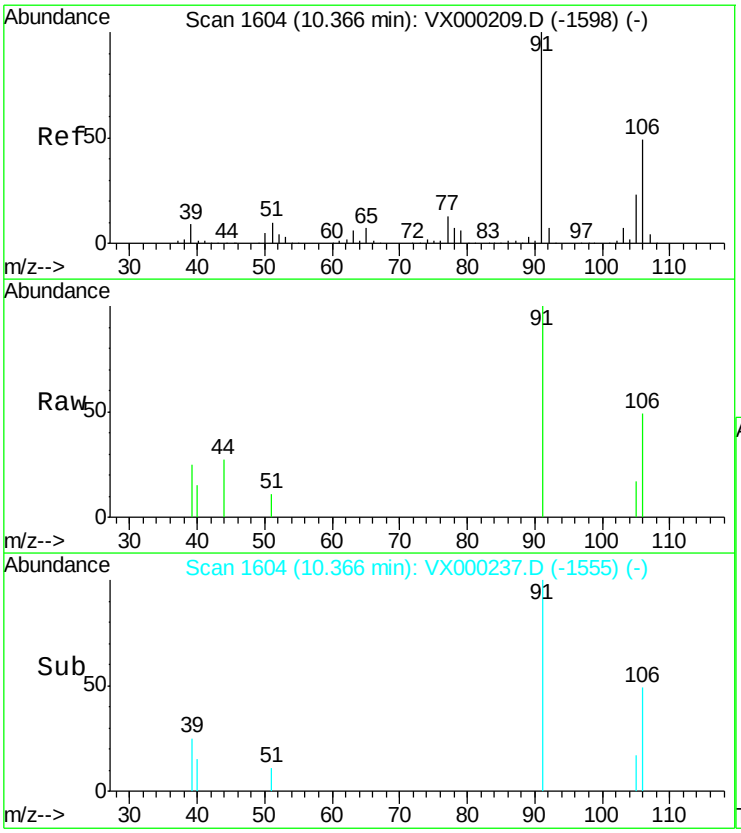

#67
Ethyl Benzene
Concen: 1.31 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :** MSVOA_X
**ClientSampleId :** MHB-WCB

Tgt Ion: 91 Resp: 195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.4 | 25.2 | 37.8 |

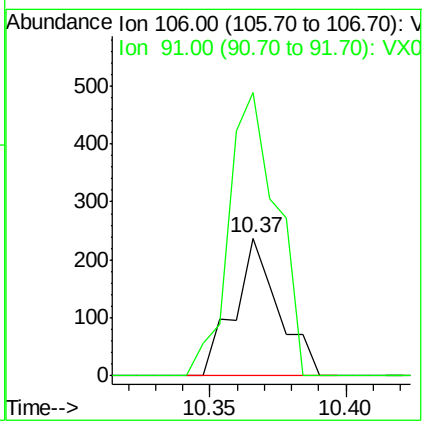


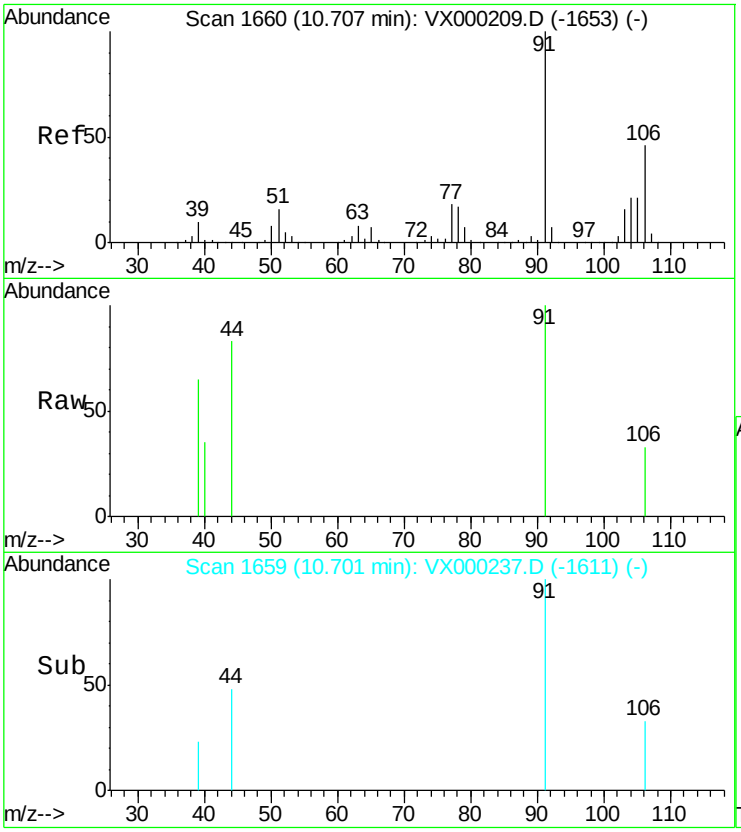




#68
m/p-Xylenes
Concen: 4.67 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion:106 Resp: 267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 223.6 | 160.9 | 241.3 |



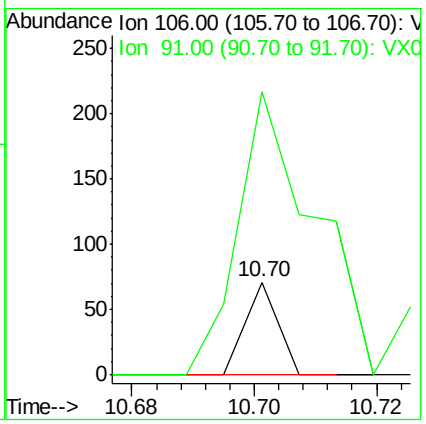


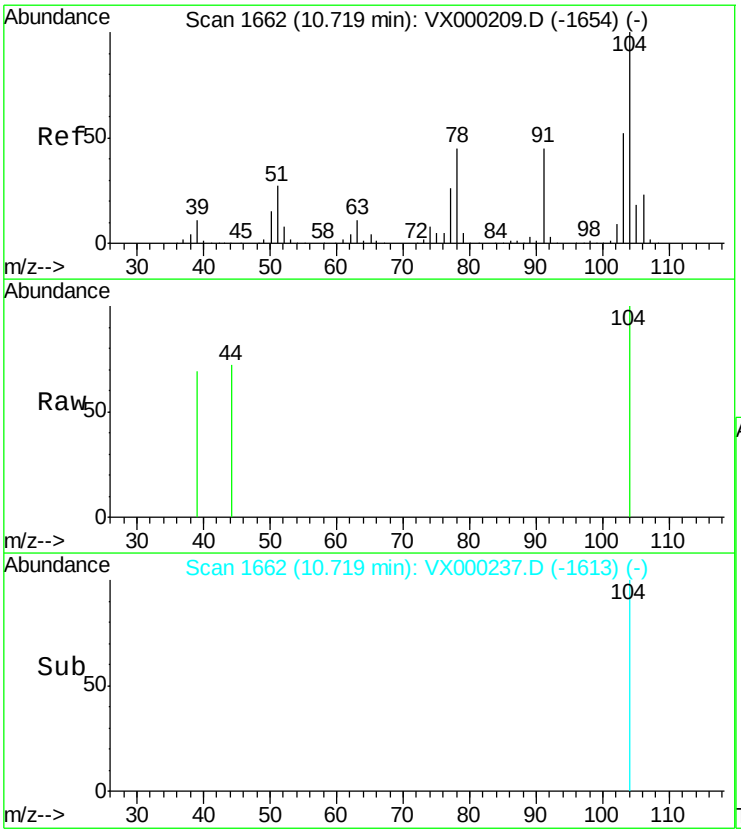

#69
o-Xylene
Concen: 0.47 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MHB-WCB

Tgt Ion:106 Resp: 26

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 792.3 | 105.9 | 317.7# |

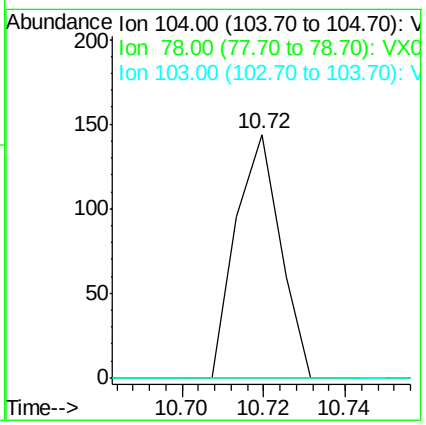


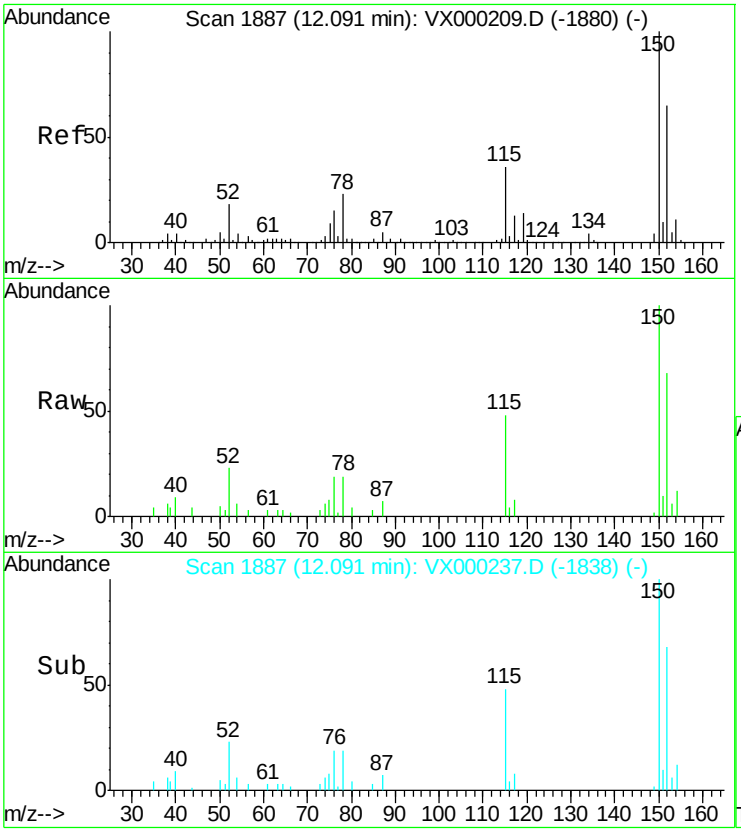




#70
Styrene
Concen: 1.20 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion:104 Resp: 109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 0.0 | 39.6 | 59.4# |
| 103 | 0.0 | 45.0 | 67.6# |



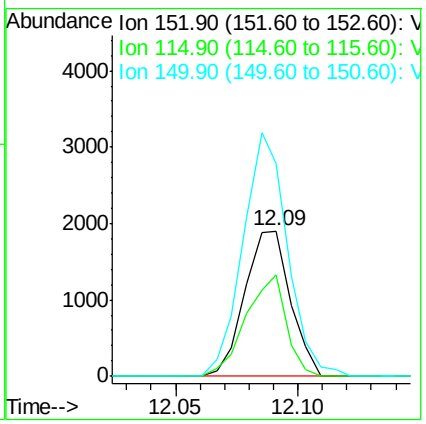


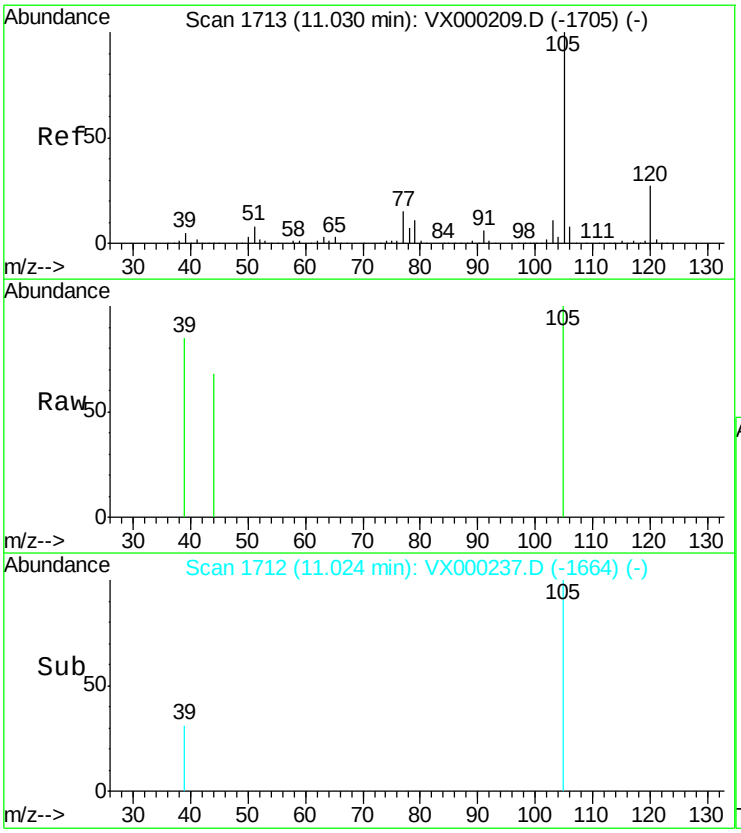

#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :** MSVOA_X
**ClientSampleId :** MHB-WCB

Tgt Ion:152 Resp: 2477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 61.9 | 39.8 | 119.3 |
| 150 | 163.2 | 0.0 | 345.0 |

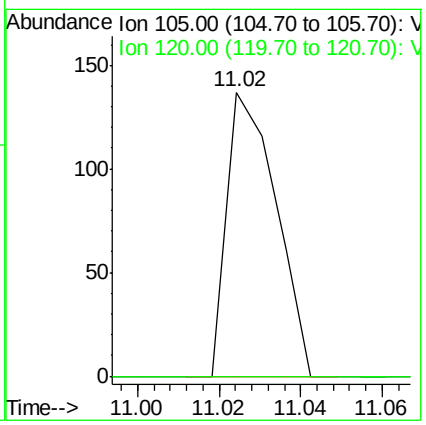


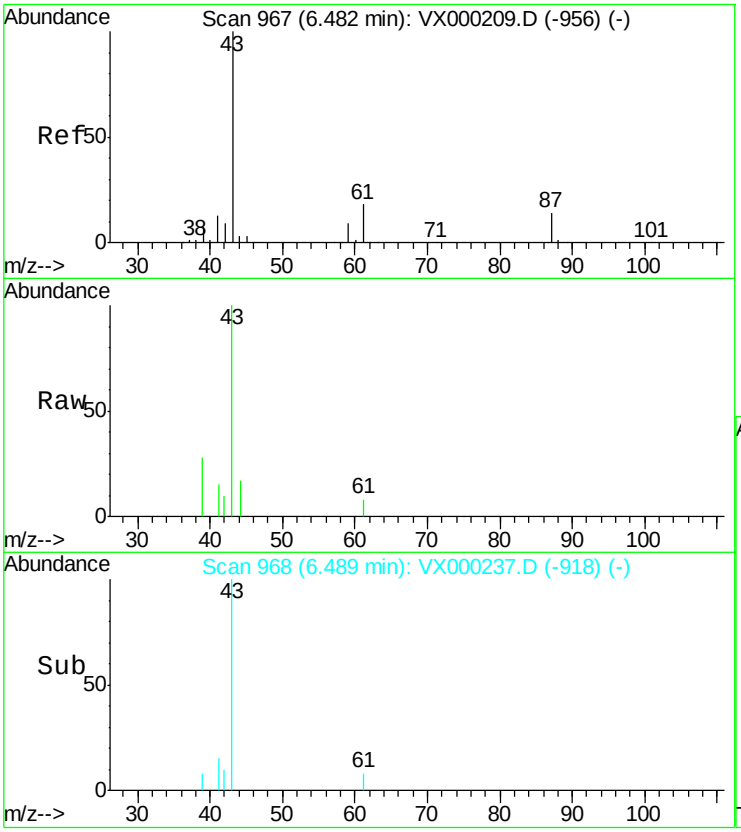




#73
Isopropylbenzene
Concen: 0.74 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion:105 Resp: 115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 0.0 | 13.5 | 40.4# |



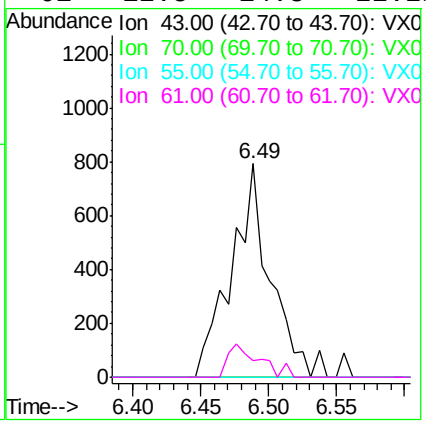


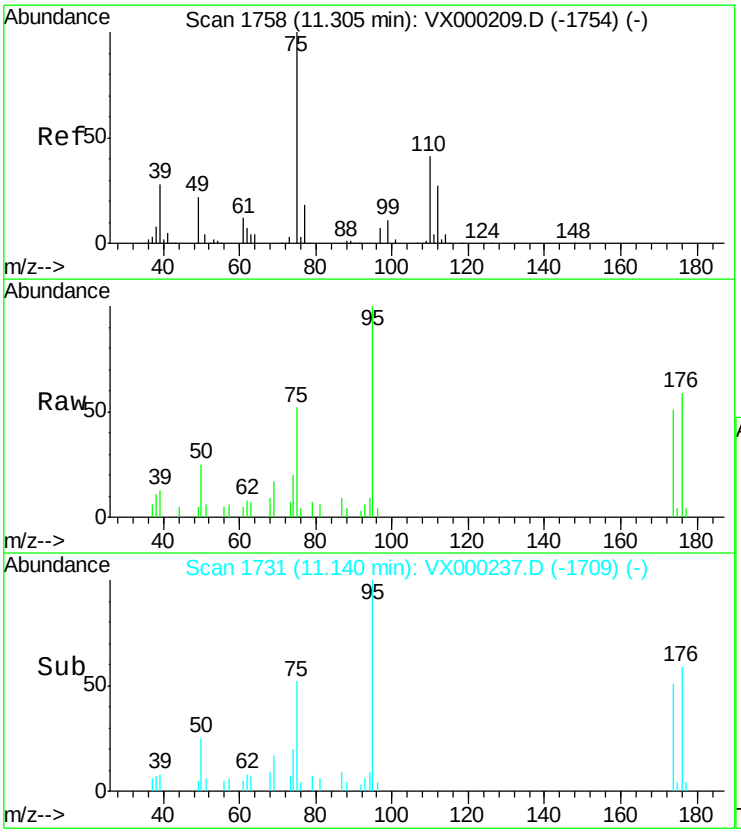

#74
N-amyl acetate
Concen: 20.01 ug/l
RT: 6.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MHB-WCB

Tgt Ion: 43 Resp: 1588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 0.0 | 0.0 | 0.0 |
| 55 | 0.0 | 0.0 | 0.0 |
| 61 | 12.5 | 14.8 | 22.2# |

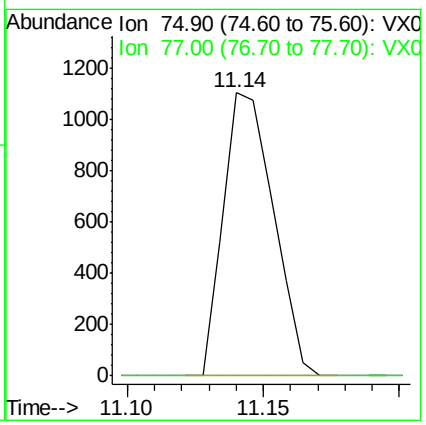


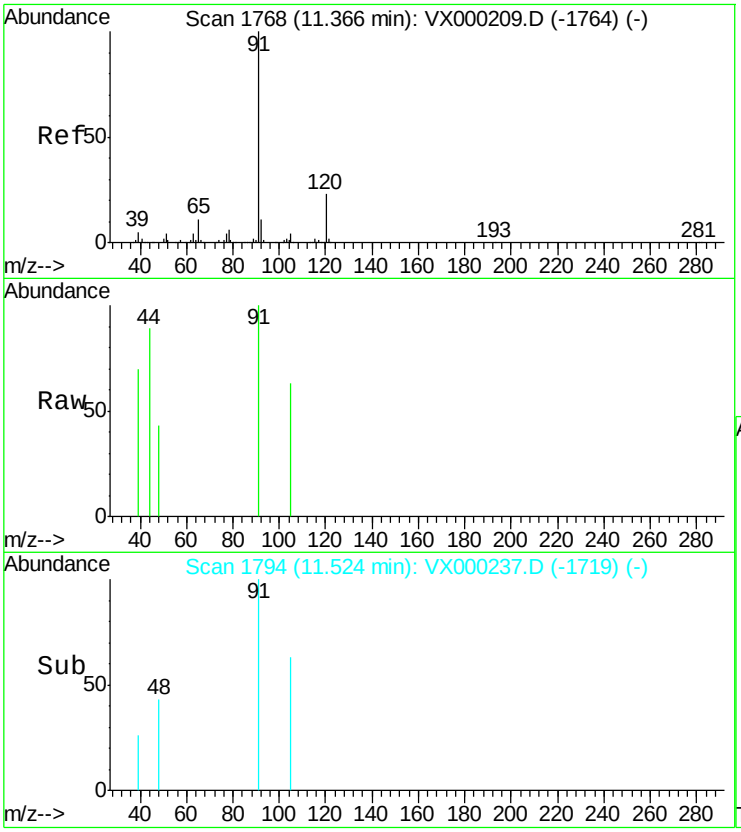




#76
1,2,3-Trichloropropane
Concen: 28.38 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion: 75 Resp: 1409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.0 | 22.3 | 66.8# |



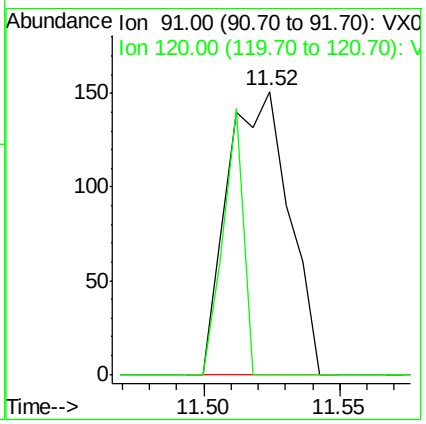


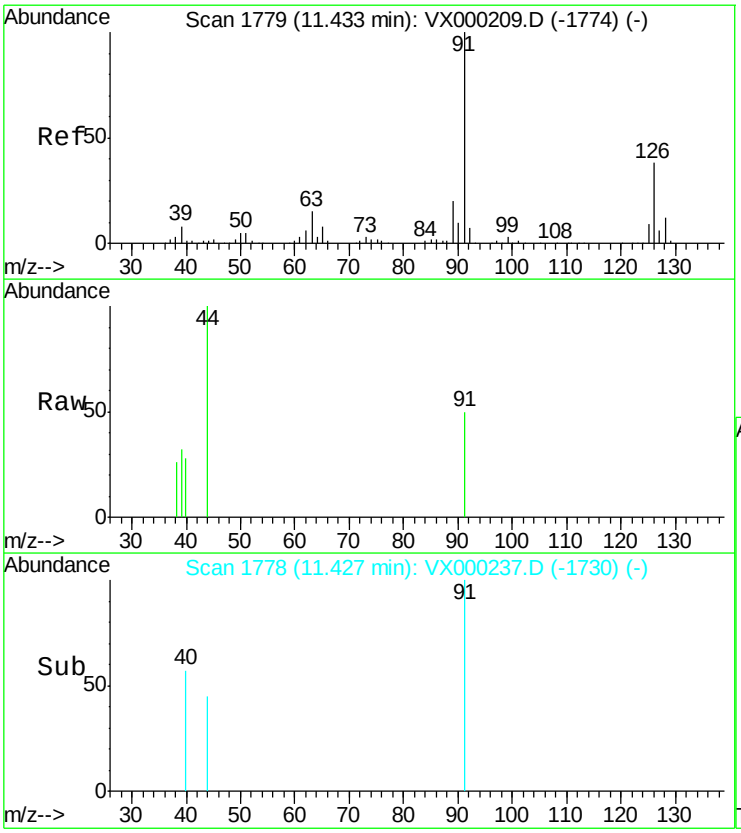

#78
n-propylbenzene
Concen: 1.29 ug/l
RT: 11.52 min Scan# 1794
Delta R.T. 0.16 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :** MSVOA_X
**ClientSampleId :** MHB-WCB

Tgt Ion: 91 Resp: 236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 30.9 | 12.2 | 36.4 |

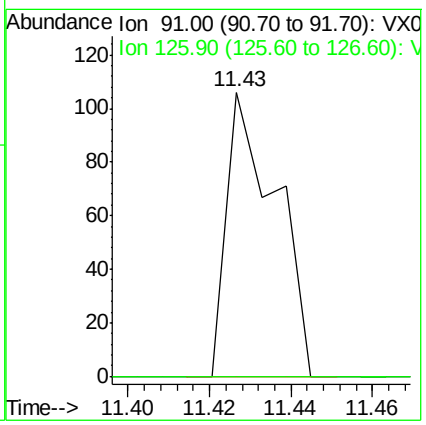


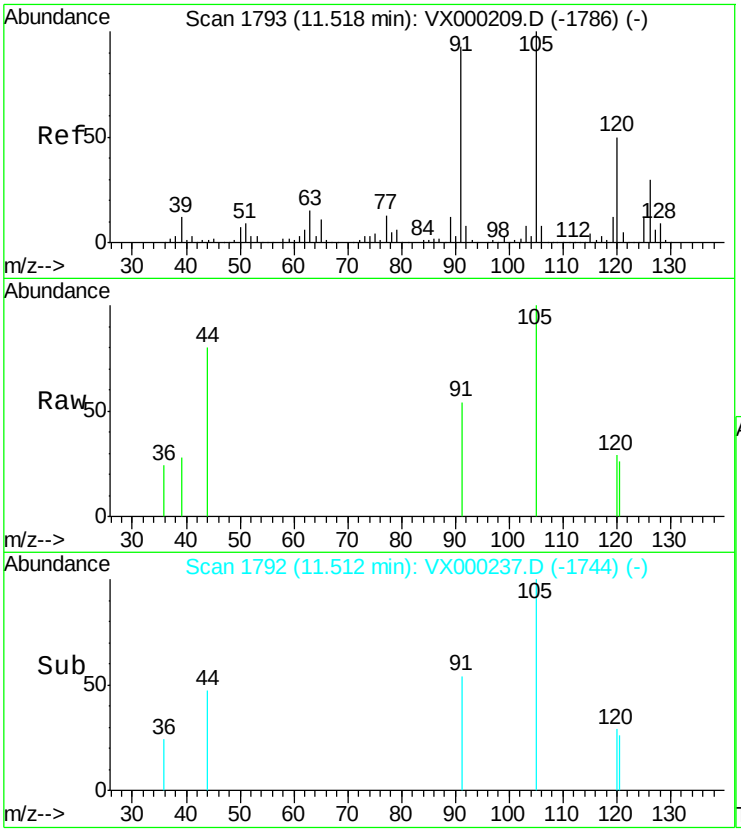




#79
2-Chlorotoluene
Concen: 0.86 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion: 91 Resp: 89

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.0 | 18.4 | 55.2# |



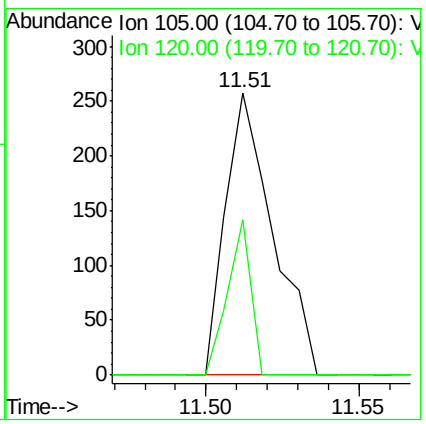


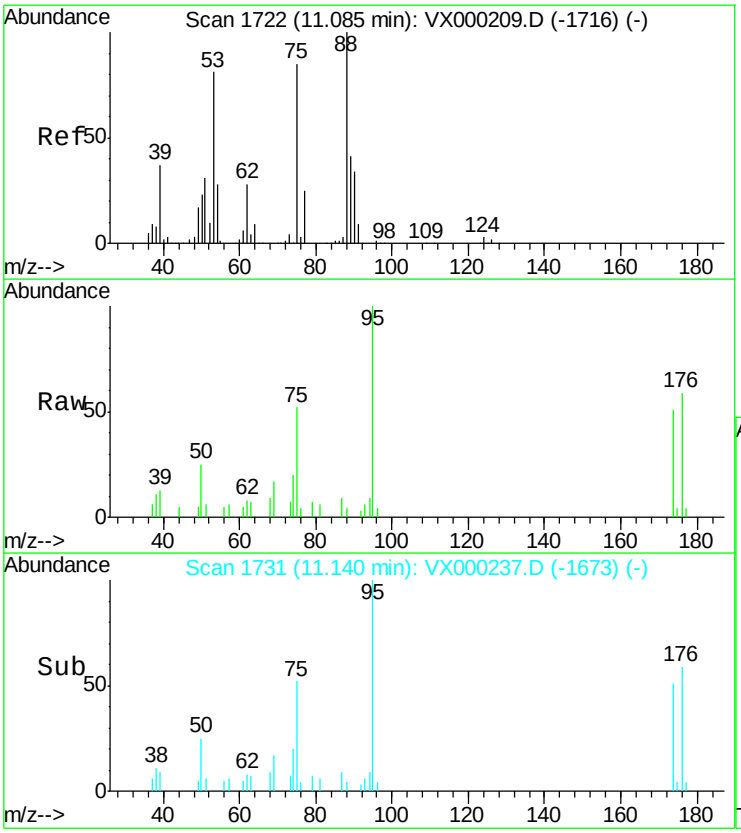

#80
1,3,5-Trimethylbenzene
Concen: 2.12 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MHB-WCB

Tgt Ion:105 Resp: 275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.5 | 24.9 | 74.6 |

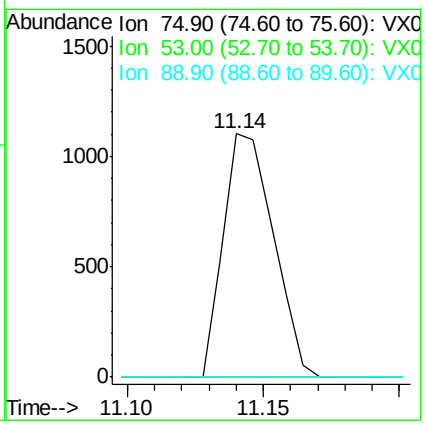


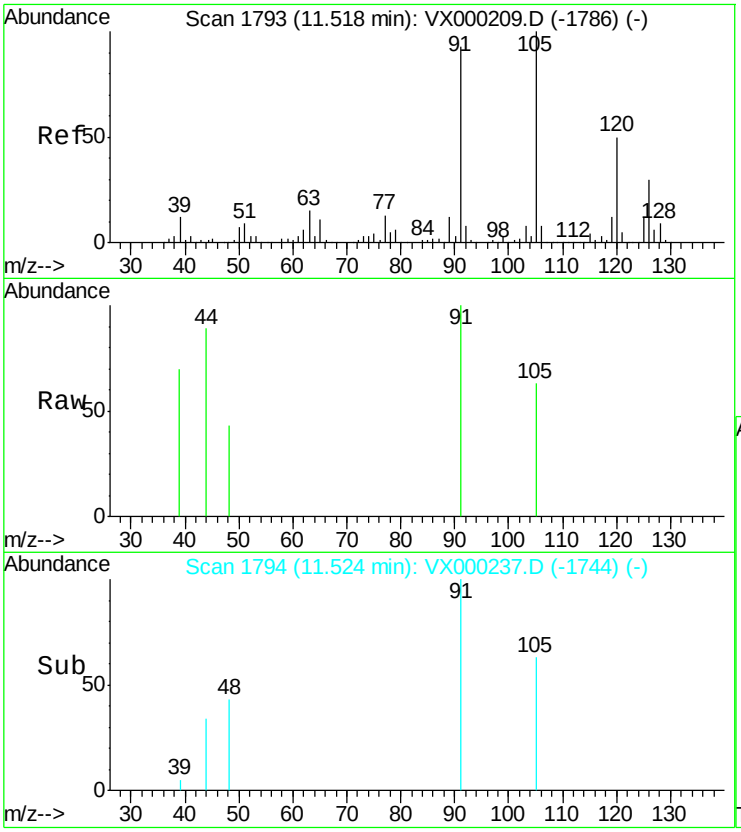




#81
trans-1,4-Dichloro-2-butene
Concen: 86.90 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.05 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion: 75 Resp: 1409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 78.6 | 118.0# |
| 89 | 0.0 | 38.8 | 58.2# |



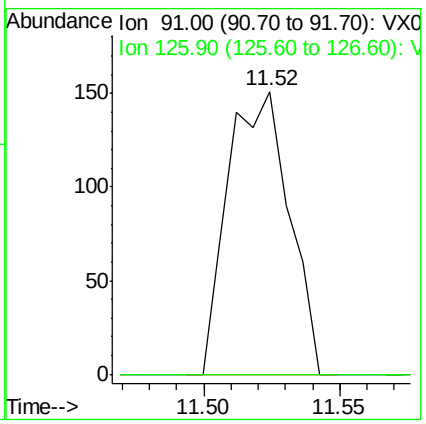


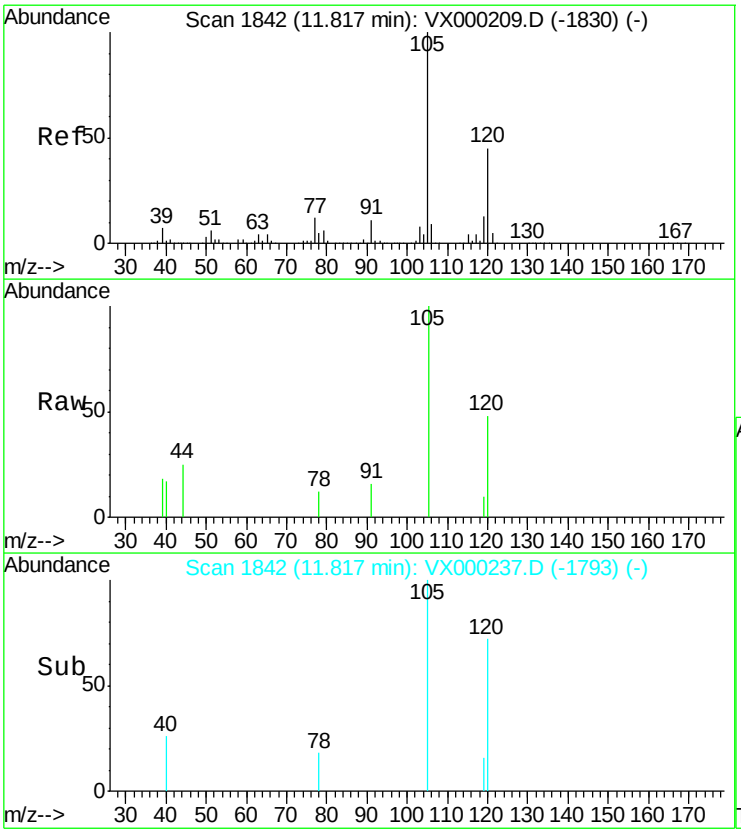

#82
4-Chlorotoluene
Concen: 1.89 ug/l
RT: 11.52 min Scan# 1794
Delta R.T. 0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MHB-WCB

Tgt Ion: 91 Resp: 236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.0 | 16.0 | 48.0# |

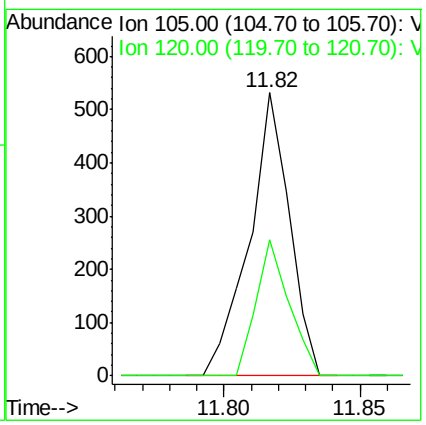


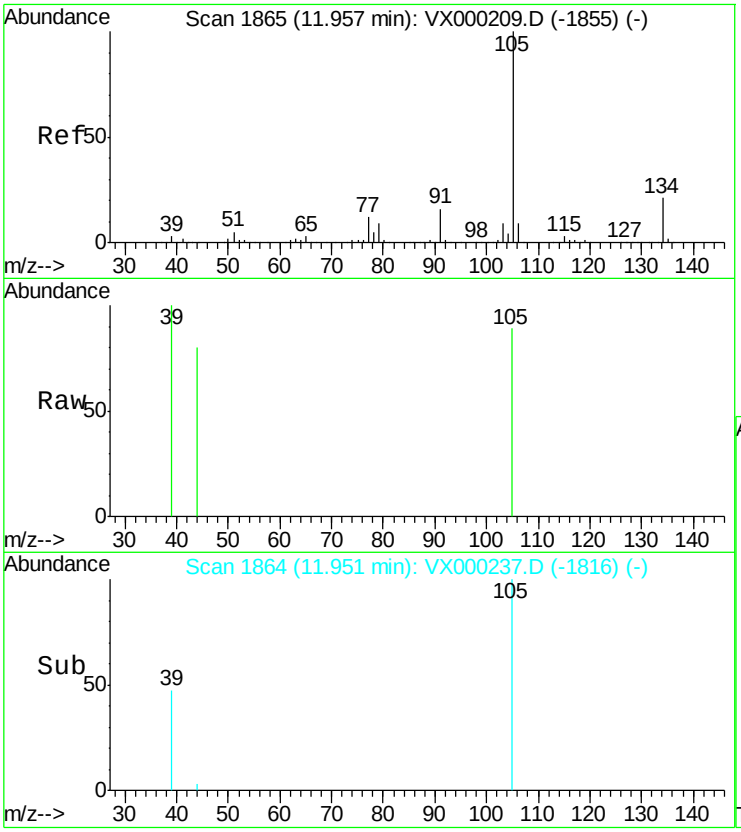




#84
1,2,4-Trimethylbenzene
Concen: 4.10 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion:105 Resp: 546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 39.4 | 23.0 | 69.0 |



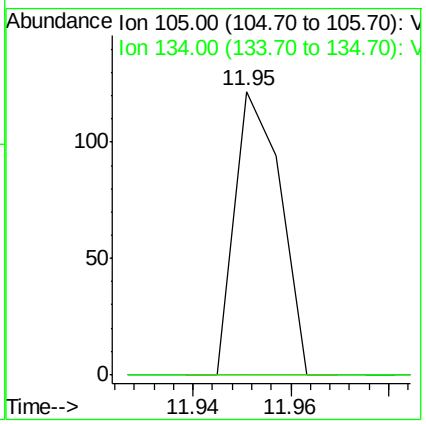


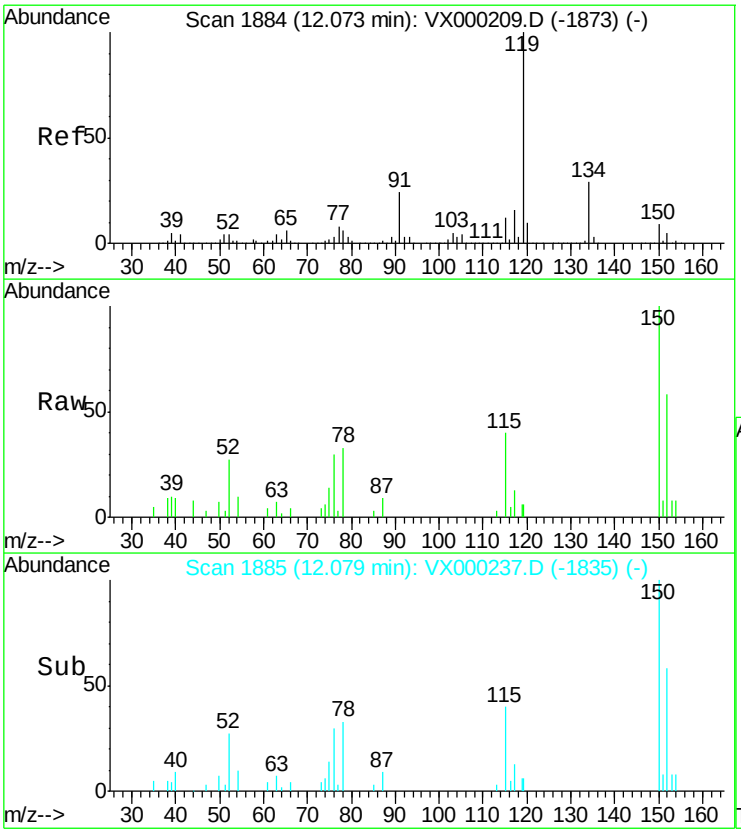

#85
sec-Butylbenzene
Concen: 0.50 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :** MSVOA_X
**ClientSampleId :** MHB-WCB

Tgt Ion:105 Resp: 79

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 0.0 | 10.3 | 30.9# |

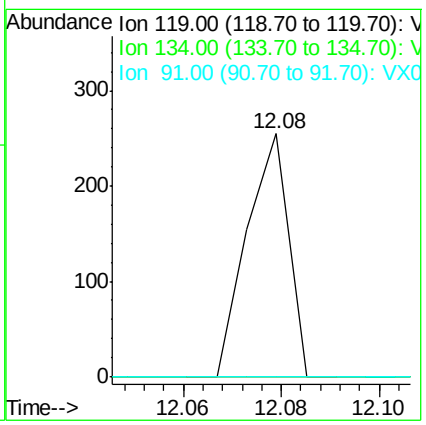


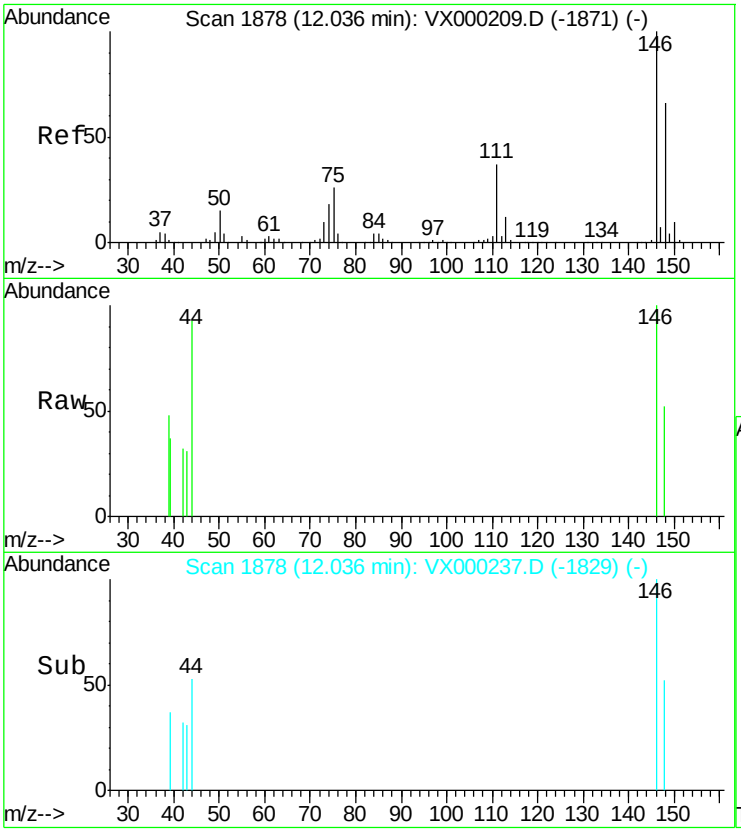




#86
p-Isopropyltoluene
Concen: 1.07 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion:119 Resp: 150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 0.0 | 13.8 | 41.3# |
| 91 | 0.0 | 12.0 | 36.0# |



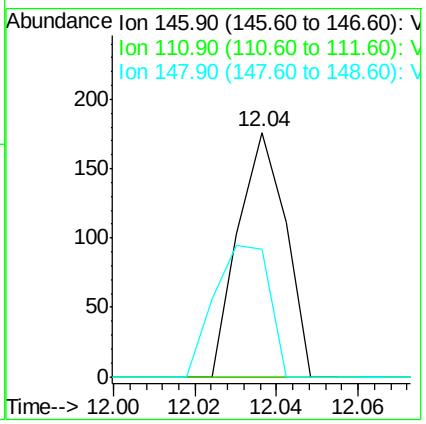


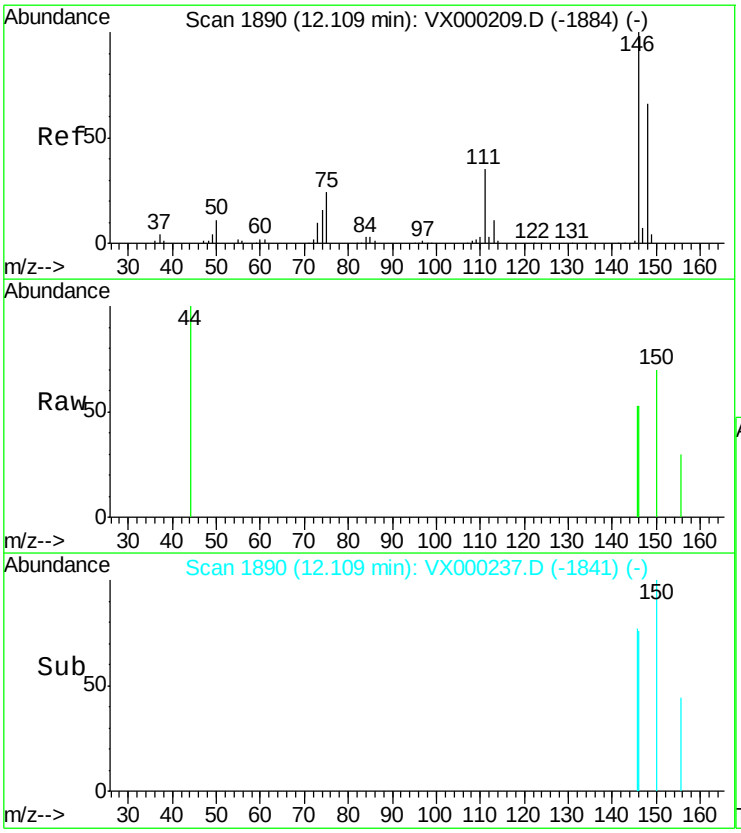

#87
1,3-Dichlorobenzene
Concen: 1.88 ug/l
RT: 12.04 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :** MSVOA_X
**ClientSampleId :** MHB-WCB

Tgt Ion:146 Resp: 143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 0.0 | 19.0 | 57.0# |
| 148 | 62.2 | 32.1 | 96.3 |

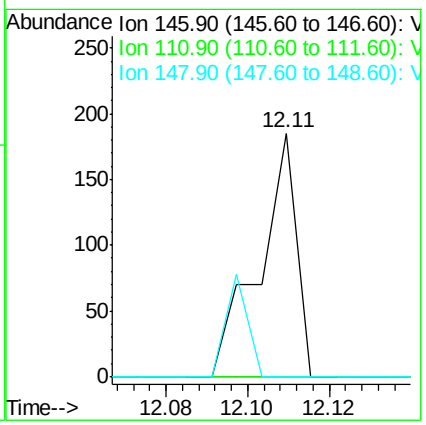


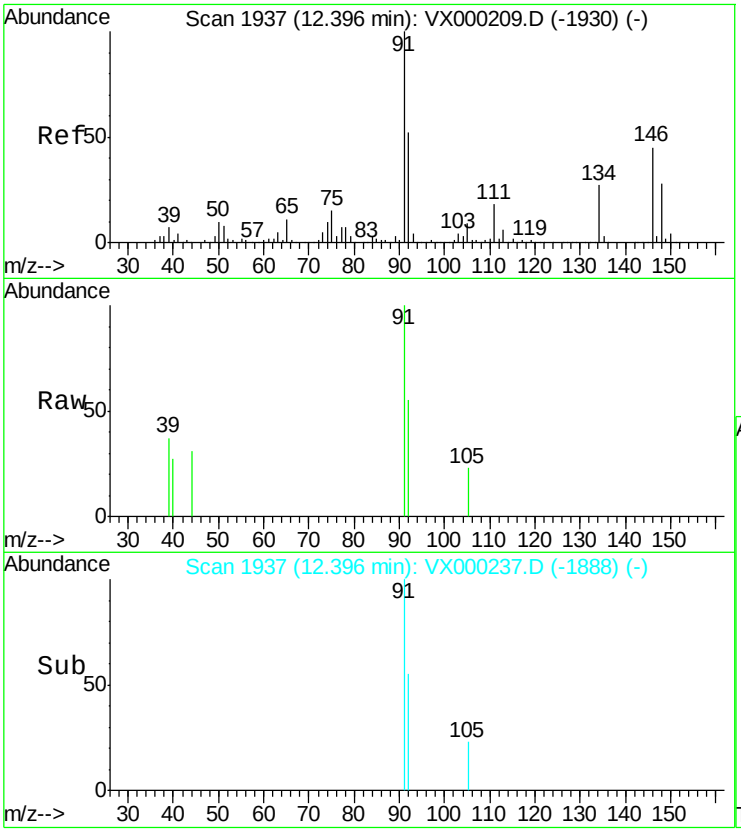




#88
1,4-Dichlorobenzene
Concen: 1.49 ug/l
RT: 12.11 min Scan# 1890
Delta R.T. 0.00 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion:146 Resp: 119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 0.0 | 18.9 | 56.9# |
| 148 | 24.4 | 32.6 | 97.8# |



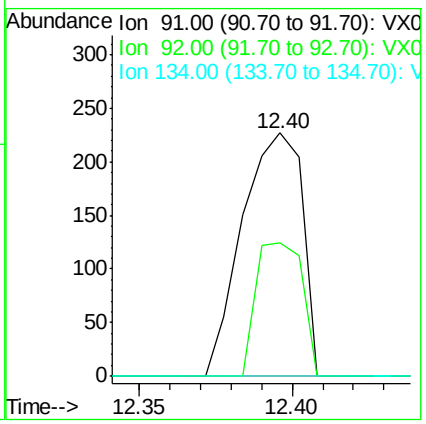


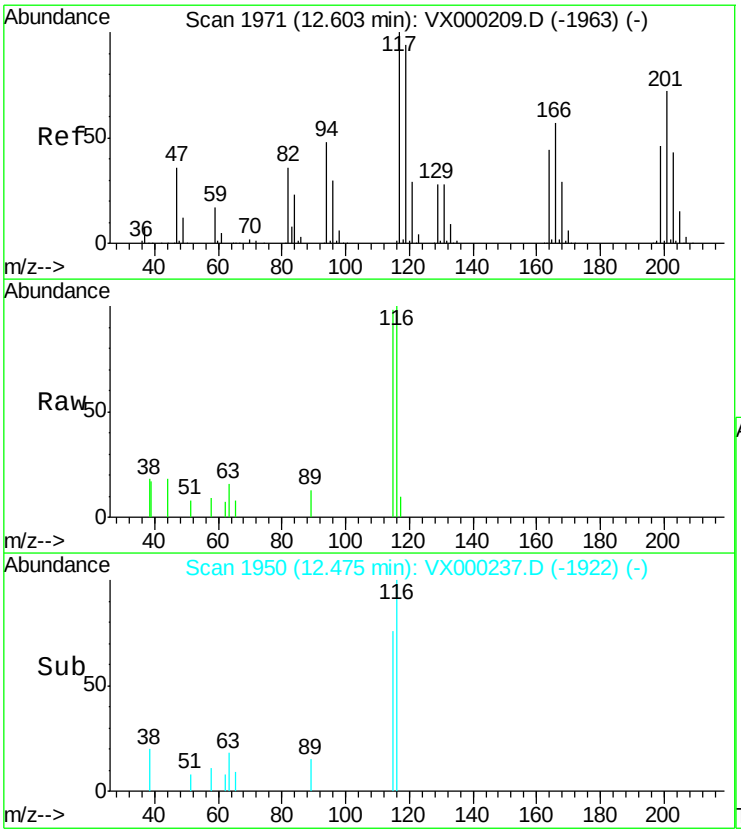

#89
n-Butylbenzene
Concen: 2.28 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :** MSVOA_X
**ClientSampleId :** MHB-WCB

Tgt Ion: 91 Resp: 308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 42.5 | 25.8 | 77.4 |
| 134 | 0.0 | 13.5 | 40.5# |

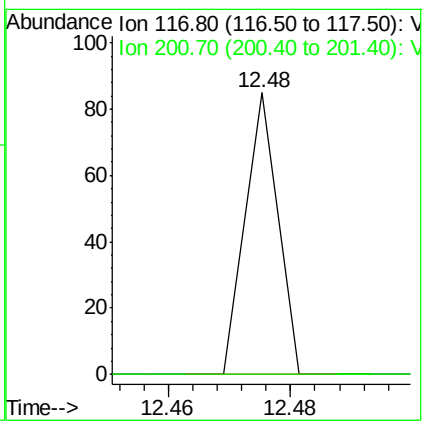


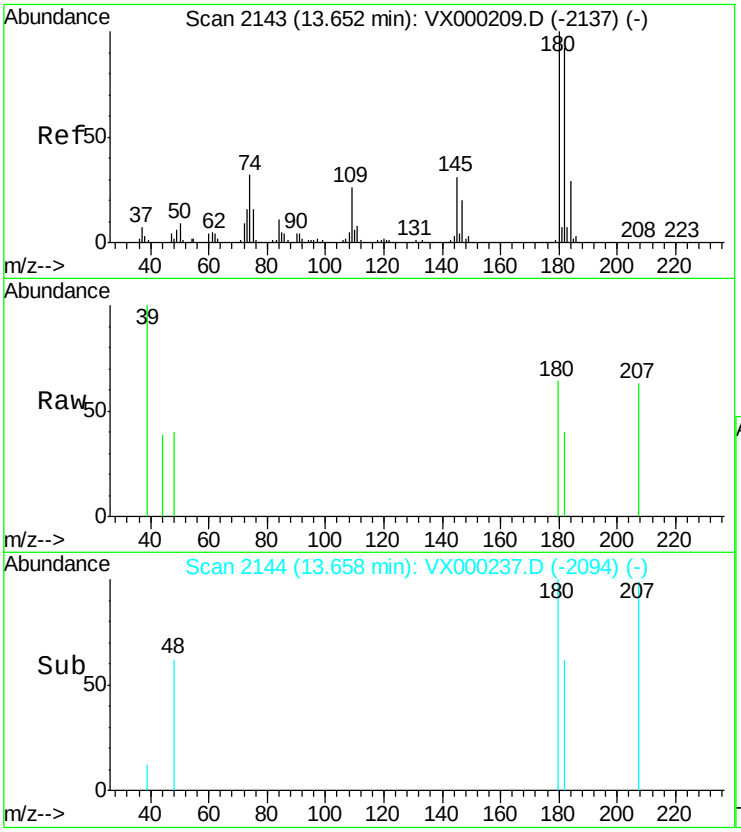




#90
Hexachloroethane
Concen: 1.37 ug/l
RT: 12.48 min Scan# 1950
Delta R.T. -0.13 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion:117 Resp: 31

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 38.2 | 114.6# |



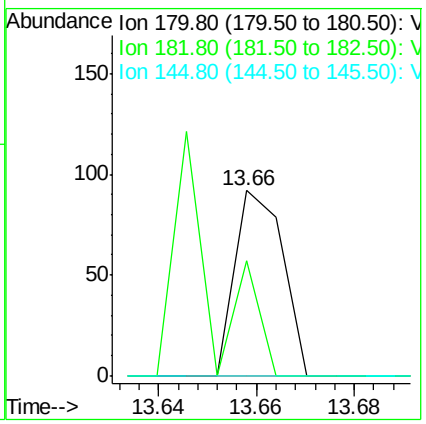


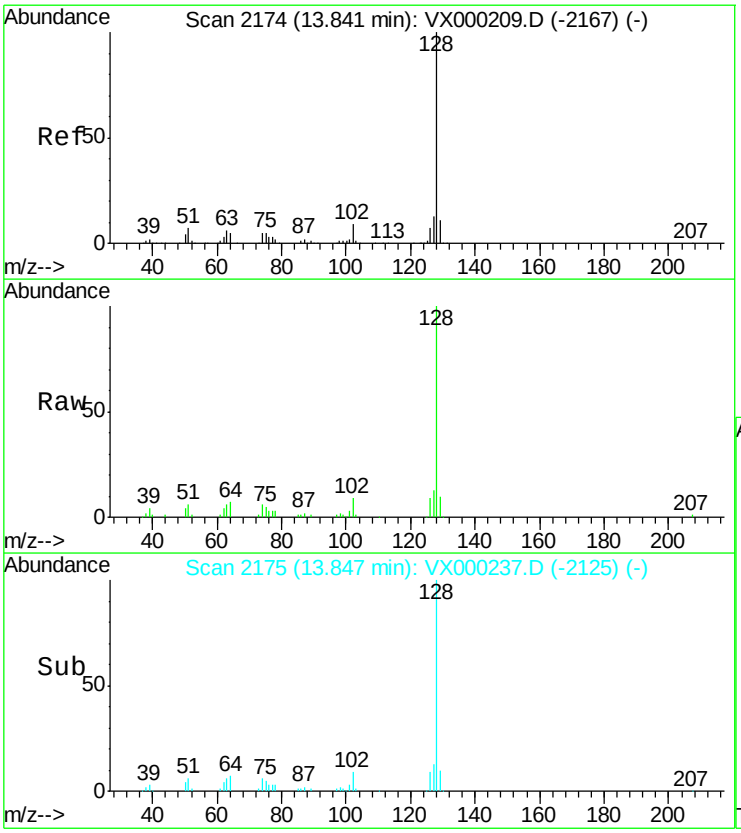

#93
1,2,4-Trichlorobenzene
Concen: 1.15 ug/l
RT: 13.66 min Scan# 2144
Delta R.T. 0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MHB-WCB

Tgt Ion:180 Resp: 63

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 103.2 | 47.0 | 141.0 |
| 145 | 0.0 | 15.3 | 45.9# |

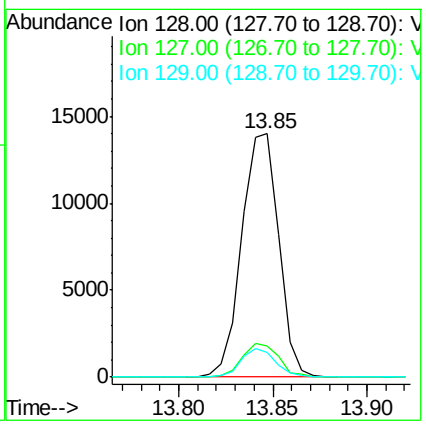


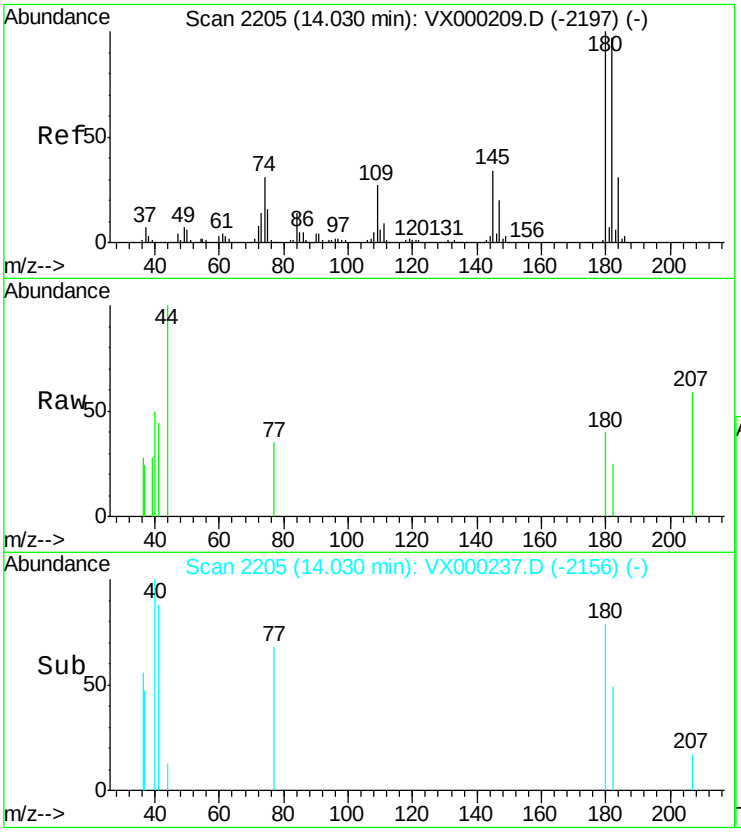




#95
Naphthalene
Concen: 99.26 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.01 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

Tgt Ion:128 Resp: 19017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.8 | 10.5 | 15.7 |
| 129 | 11.0 | 8.6 | 13.0 |






#96
1,2,3-Trichlorobenzene
Concen: 0.96 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000237.D
Acq: 08 Mar 2018 22:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MHB-WCB

Tgt Ion:180 Resp: 52

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 82.7 | 48.0 | 144.0 |
| 145 | 42.3 | 16.3 | 48.8 |