Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062218\
Data File : VX002851.D
Acq On : 23 Jun 2018 00:24
Operator : JC/MD
Sample : J3510-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** S36-0136

Quant Time: Jun 23 01:35:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 242829 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.87 | 114 | 345930 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 338470 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152 | 205221 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 167078 | 45.28 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.56% | | | | |
| 35) Dibromofluoromethane | 5.51 | 113 | 130563 | 47.29 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 94.58% | | | | |
| 50) Toluene-d8 | 8.72 | 98 | 485958 | 46.36 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 92.72% | | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 191691 | 48.26 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.52% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 3) Chloromethane | 1.32 | 50 | 6987 | 2.28 | ug/l | # | 53 |
| 4) Vinyl Chloride | 1.41 | 62 | 8180 | 2.57 | ug/l | # | 1 |
| 5) Bromomethane | 1.65 | 94 | 1045 | 0.54 | ug/l | # | 79 |
| 6) Chloroethane | 1.95 | 64 | 1061 | 0.51 | ug/l | # | 61 |
| 10) Methyl Iodide | 2.52 | 142 | 931 | 5.40 | ug/l | # | 93 |
| 11) Tert butyl alcohol | 3.07 | 59 | 3264 | 4.28 | ug/l | # | 79 |
| 13) Acrolein | 2.27 | 56 | 99 | 7.13 | ug/l | # | 1 |
| 16) Acetone | 2.45 | 43 | 3857 | 2.37 | ug/l | | 97 |
| 17) Carbon Disulfide | 2.58 | 76 | 3866 | 0.60 | ug/l | | 97 |
| 19) Methyl tert-butyl Ether | 3.21 | 73 | 2692 | 0.26 | ug/l | | 99 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 17292 | 5.87 | ug/l | | 100 |
| 25) 2-Butanone | 4.72 | 43 | 1232 | 0.58 | ug/l | | 92 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 6630 | 2.21 | ug/l | | 23 |
| 29) Tetrahydrofuran | 5.18 | 42 | 7083 | 5.05 | ug/l | | 97 |
| 31) Cyclohexane | 5.58 | 56 | 27428 | 6.30 | ug/l | | 95 |
| 36) 1,1-Dichloropropene | 5.67 | 75 | 16624 | 4.52 | ug/l | # | 50 |
| 38) Carbon Tetrachloride | 5.67 | 117 | 21899 | 5.99 | ug/l | # | 16 |
| 39) Methylcyclohexane | 7.47 | 83 | 10004 | 2.33 | ug/l | | 93 |
| 40) Benzene | 6.15 | 78 | 1288513 | 116.96 | ug/l | | 100 |
| 42) 1,2-Dichloroethane | 6.15 | 62 | 12478 | 2.93 | ug/l | # | 77 |
| 44) Trichloroethene | 7.21 | 130 | 2953 | 0.93 | ug/l | | 84 |
| 49) 1,4-Dioxane | 7.64 | 88 | 22 | 0.33 | ug/l | # | 22 |
| 51) 4-Methyl-2-Pentanone | 8.66 | 43 | 3943 | 0.89 | ug/l | | 92 |
| 52) Toluene | 8.79 | 92 | 2928 | 0.42 | ug/l | | 92 |
| 53) t-1,3-Dichloropropene | 8.40 | 75 | 28 | 2.40 | ug/l | # | 43 |
| 54) cis-1,3-Dichloropropene | 9.04 | 75 | 19 | 3.22 | ug/l | # | 32 |
| 59) 2-Hexanone | 9.52 | 43 | 1167 | 0.35 | ug/l | | 94 |
| 60) Dibromochloromethane | 9.35 | 129 | 229 | 3.83 | ug/l | # | 11 |
| 65) Chlorobenzene | 10.15 | 112 | 10917841 | 1313.45 | ug/l | # | 87 |
| 67) Ethyl Benzene | 10.26 | 91 | 803802 | 57.33 | ug/l | | 100 |
| 68) m/p-Xylenes | 10.36 | 106 | 49259 | 9.11 | ug/l | | 99 |
| 69) o-Xylene | 10.70 | 106 | 28993 | 5.46 | ug/l | | 98 |
| 73) Isopropylbenzene | 11.02 | 105 | 101297 | 7.38 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 11.14 | 75 | 99697 | 25.74 | ug/l | # | 33 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062218\
Data File : VX002851.D
Acq On : 23 Jun 2018 00:24
Operator : JC/MD
Sample : J3510-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** S36-0136

Quant Time: Jun 23 01:35:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 78) n-propylbenzene | 11.37 | 91 | 102015 | 6.48 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 11.43 | 91 | 22414 | 2.38 | ug/l | | 85 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 43680 | 3.77 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75 | 99697 | 79.67 | ug/l | # | 7 |
| 82) 4-Chlorotoluene | 11.43 | 91 | 22414 | 2.02 | ug/l | | 92 |
| 83) tert-Butylbenzene | 11.77 | 119 | 6698 | 0.60 | ug/l | | 90 |
| 84) 1,2,4-Trimethylbenzene | 11.81 | 105 | 397432 | 33.58 | ug/l | | 98 |
| 85) sec-Butylbenzene | 11.95 | 105 | 22209 | 1.60 | ug/l | | 81 |
| 86) p-Isopropyltoluene | 12.07 | 119 | 10685 | 0.85 | ug/l | | 94 |
| 87) 1,3-Dichlorobenzene | 12.03 | 146 | 47103 | 6.72 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 149766 | 20.99 | ug/l | | 100 |
| 89) n-Butylbenzene | 12.37 | 91 | 4754 | 0.43 | ug/l | # | 15 |
| 90) Hexachloroethane | 12.70 | 117 | 15245 | 10.00 | ug/l | # | 1 |
| 91) 1,2-Dichlorobenzene | 12.40 | 146 | 7333 | 1.04 | ug/l | | 97 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75 | 259 | 0.31 | ug/l | # | 1 |
| 95) Naphthalene | 13.84 | 128 | 172100 | 12.49 | ug/l | | 99 |

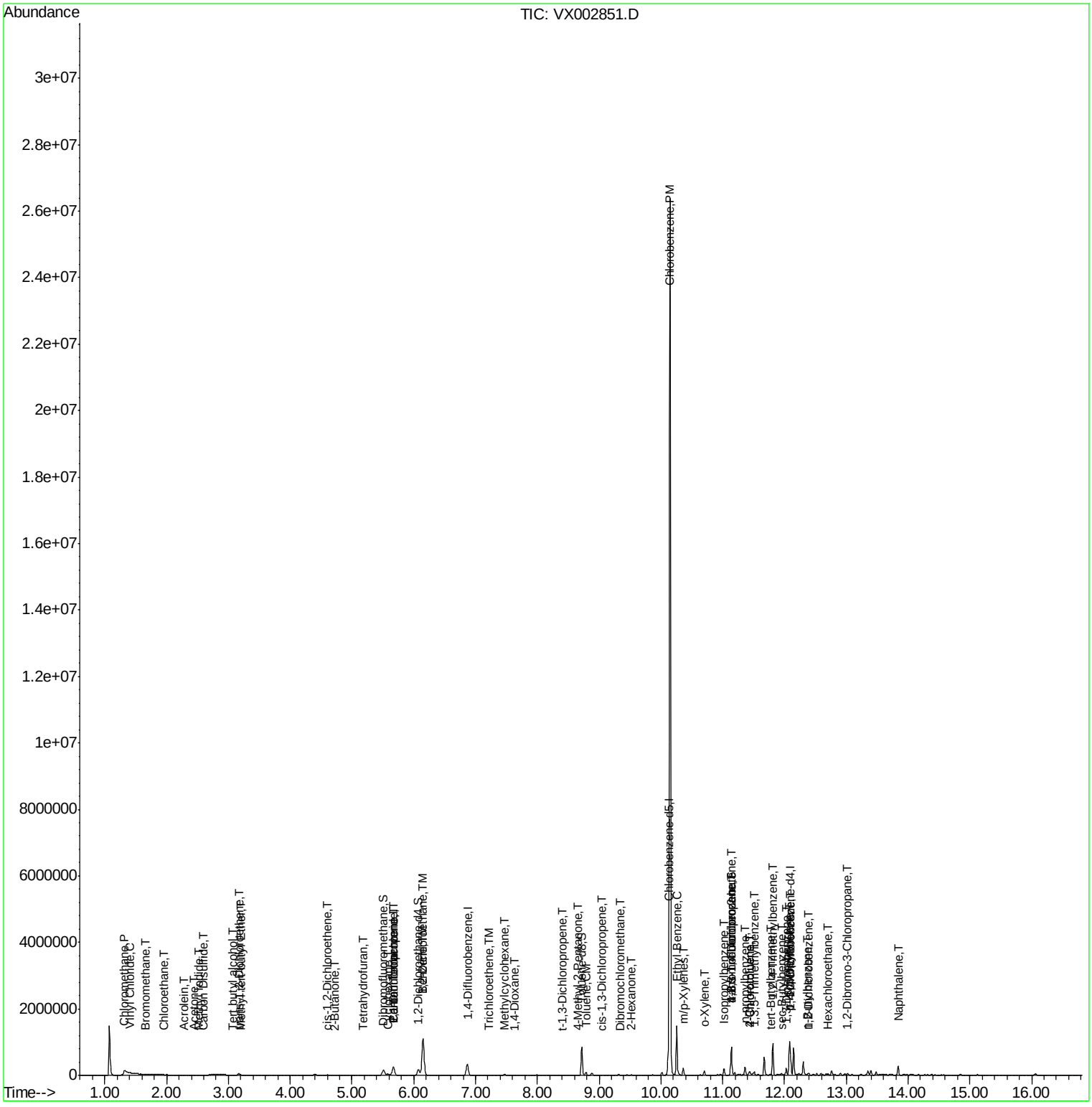
(#) = qualifier out of range (m) = manual integration (+) = signals summed

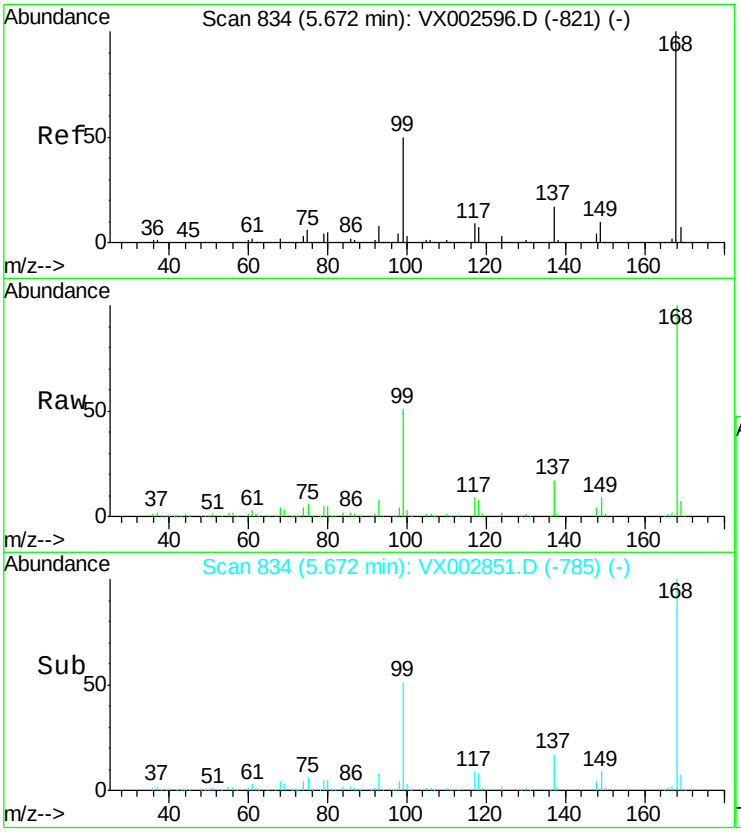
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
Data File : VX002851.D
Acq On : 23 Jun 2018 00:24
Operator : JC/MD
Sample : J3510-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
S36-0136

Quant Time: Jun 23 01:35:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration



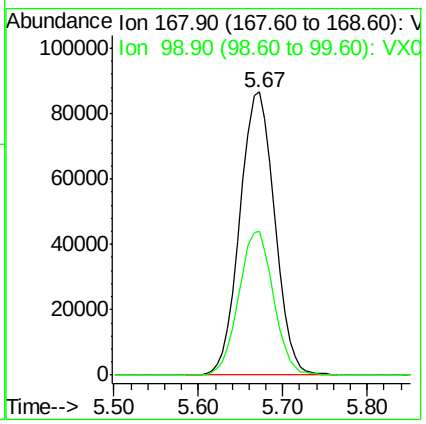


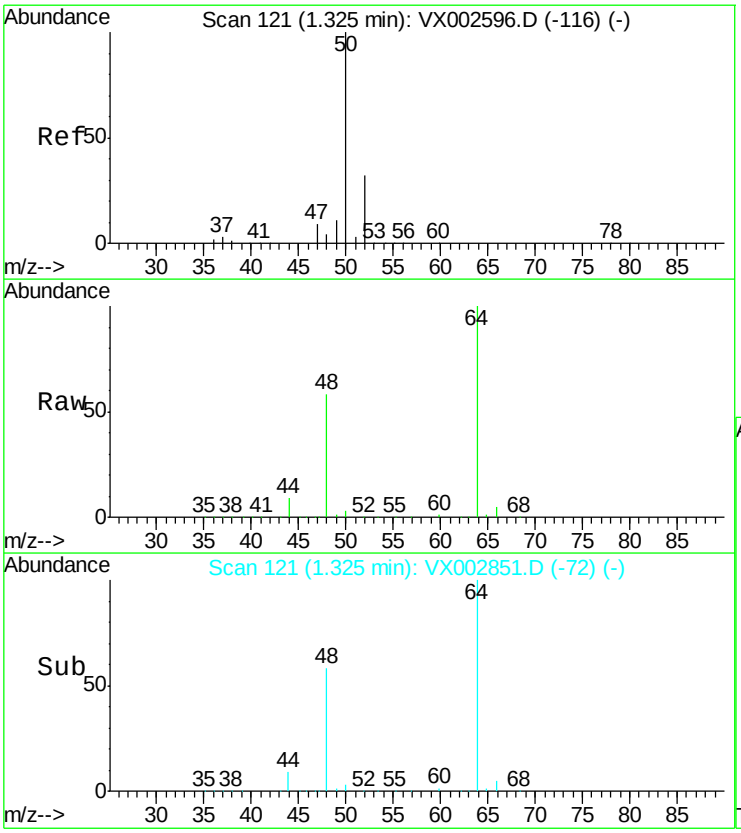

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
S36-0136

Tgt Ion:168 Resp: 242829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 50.9 | 39.3 | 58.9 |

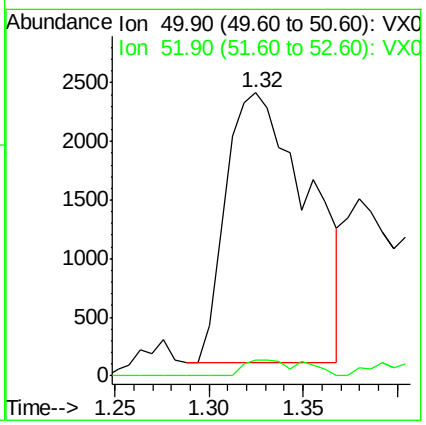


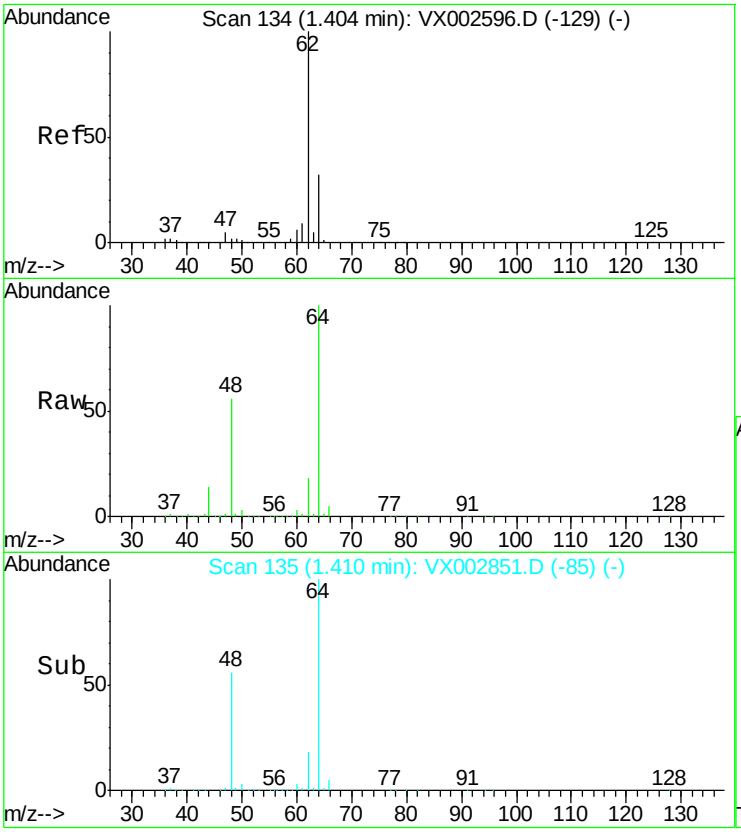




#3
Chloromethane
Concen: 2.28 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion: 50 Resp: 6987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 5.9 | 25.7 | 38.5# |



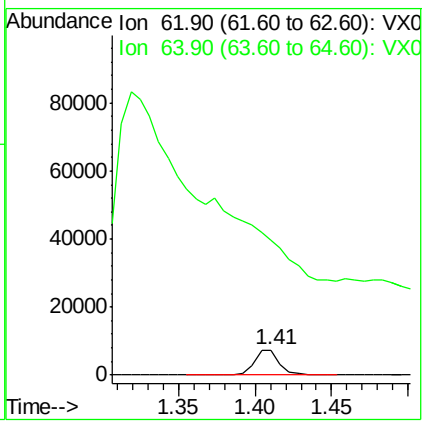


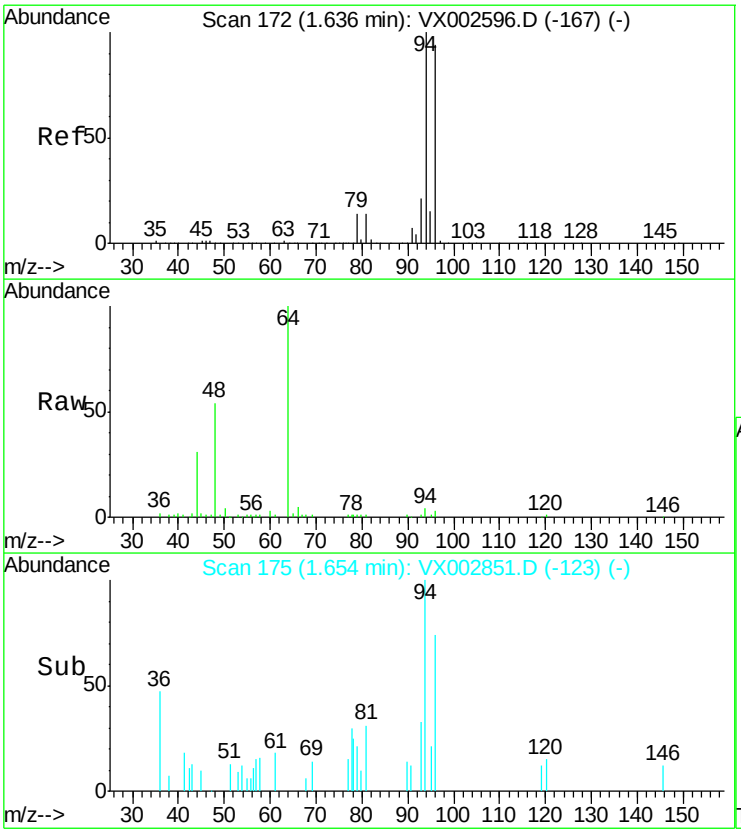

#4
Vinyl Chloride
Concen: 2.57 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
S36-0136

Tgt Ion: 62 Resp: 8180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 166.8 | 25.4 | 38.2# |

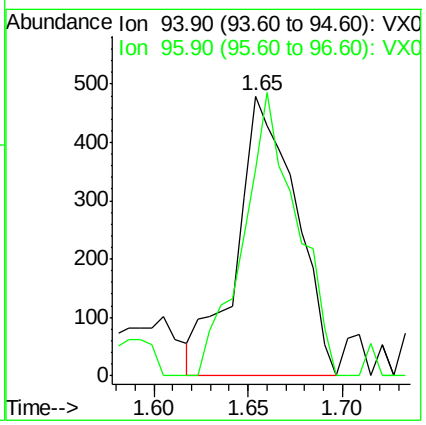


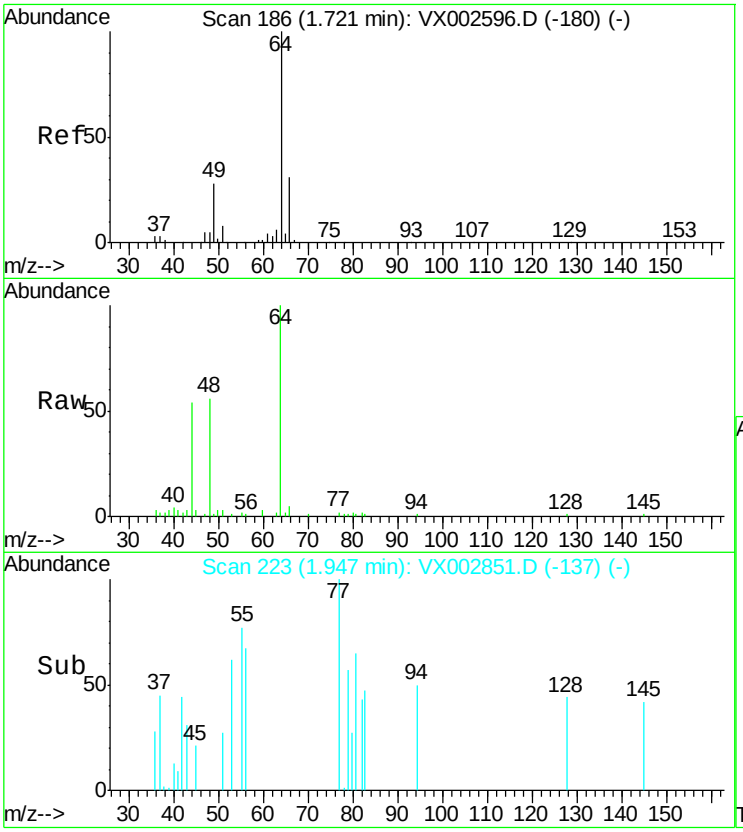




#5
Bromomethane
Concen: 0.54 ug/l
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion: 94 Resp: 1045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 73.8 | 74.9 | 112.3# |



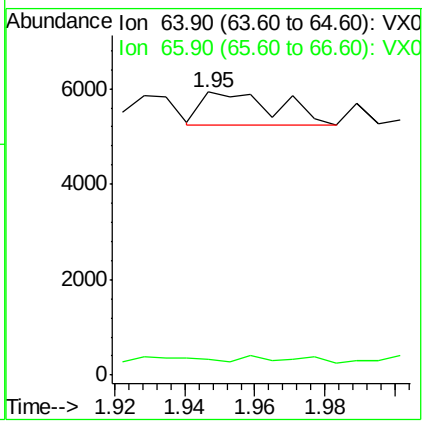


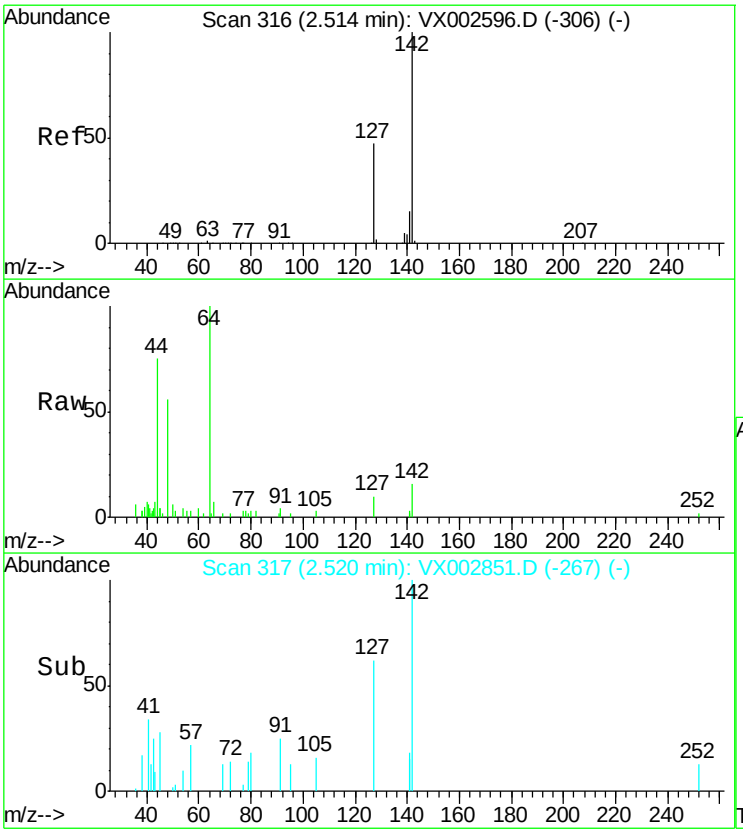

#6
Chloroethane
Concen: 0.51 ug/l
RT: 1.95 min Scan# 223
Delta R.T. 0.23 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :** MSVOA_X
**ClientSampleId :** S36-0136

Tgt Ion: 64 Resp: 1061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 10.4 | 25.5 | 38.3# |

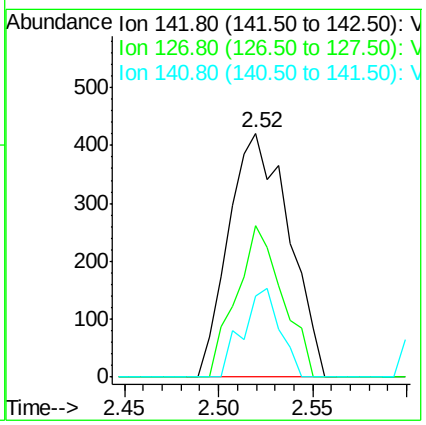


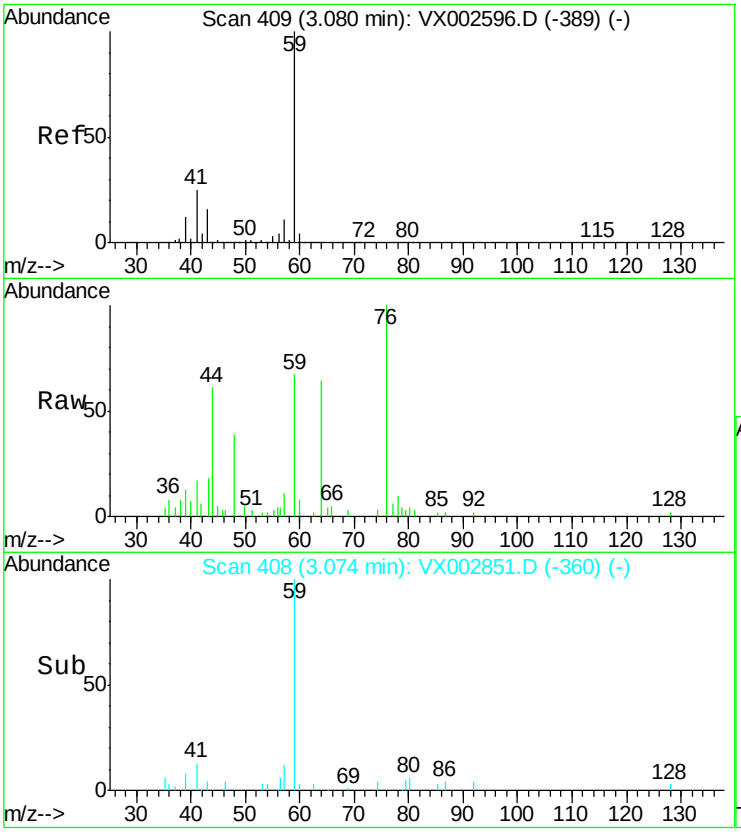




#10
Methyl Iodide
Concen: 5.40 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion:142 Resp: 931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 47.5 | 36.6 | 55.0 |
| 141 | 22.4 | 11.3 | 16.9# |



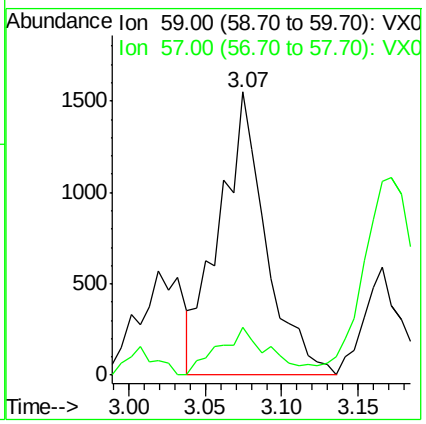


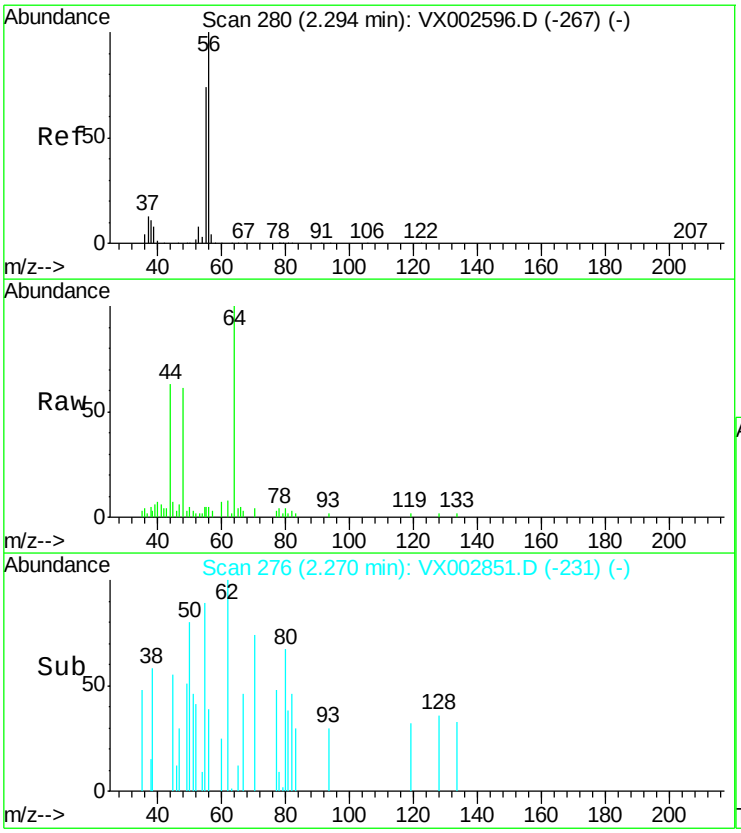

#11
Tert butyl alcohol
Concen: 4.28 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
S36-0136

Tgt Ion: 59 Resp: 3264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 18.1 | 8.2 | 12.2# |

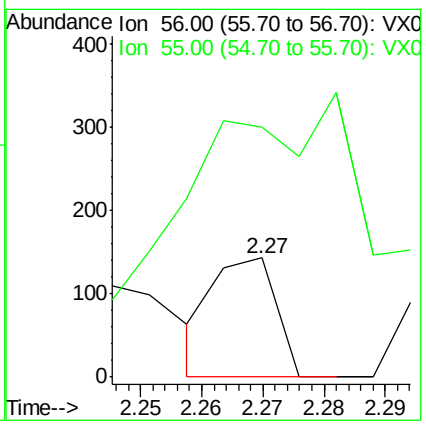


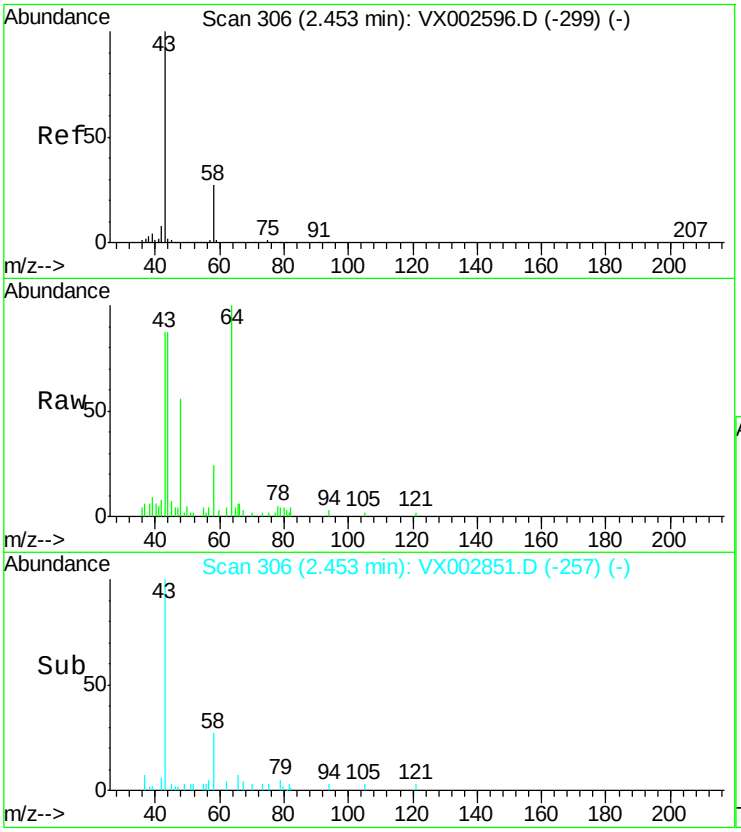




#13
Acrolein
Concen: 7.13 ug/l
RT: 2.27 min Scan# 276
Delta R.T. -0.02 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion: 56 Resp: 99

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 608.1 | 57.0 | 85.4# |



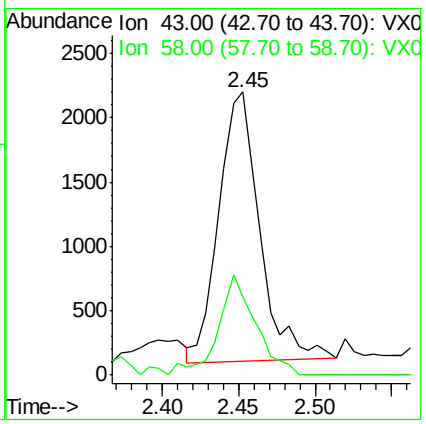


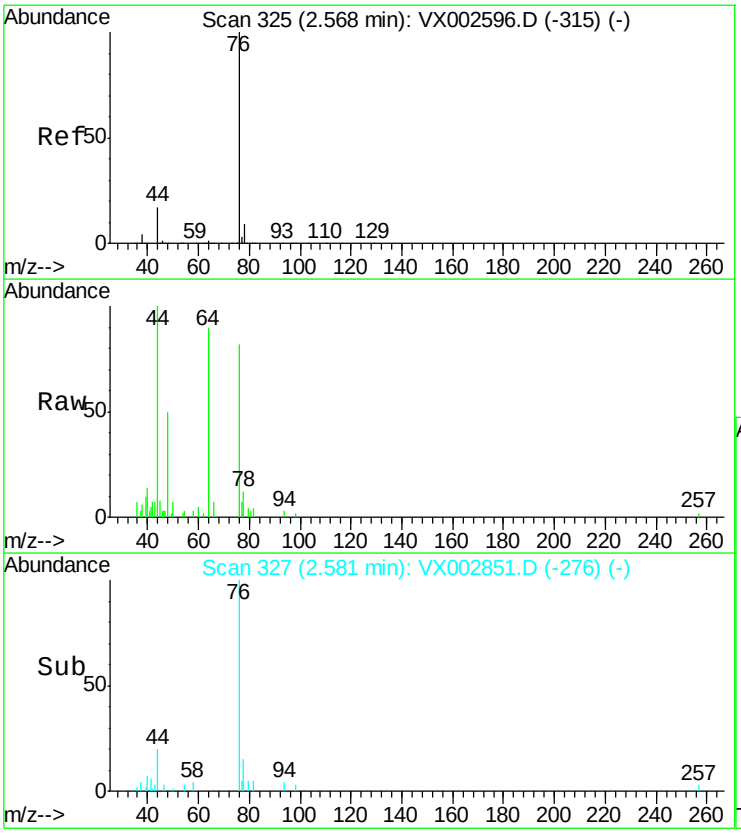

#16
Acetone
Concen: 2.37 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
S36-0136

Tgt Ion: 43 Resp: 3857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.3 | 22.1 | 33.1 |

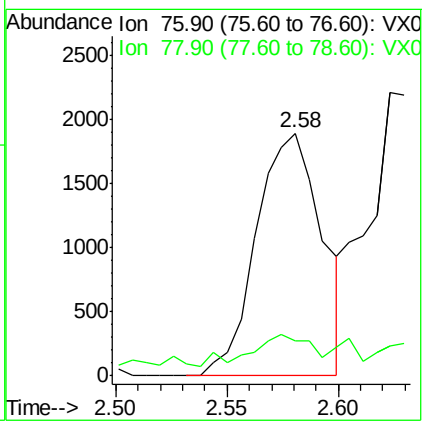


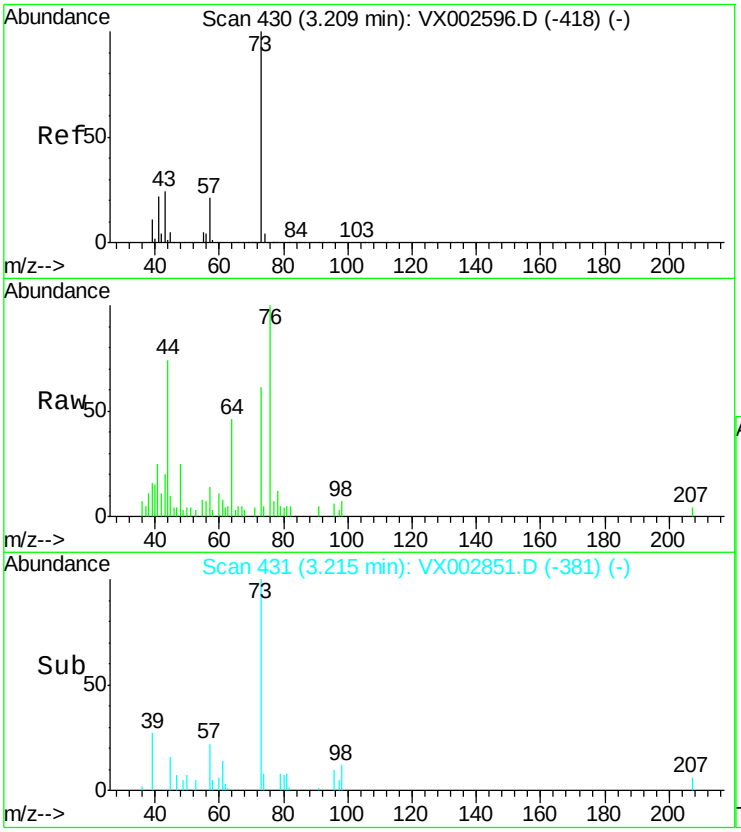




#17
Carbon Disulfide
Concen: 0.60 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion: 76 Resp: 3866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.6 | 6.9 | 10.3 |



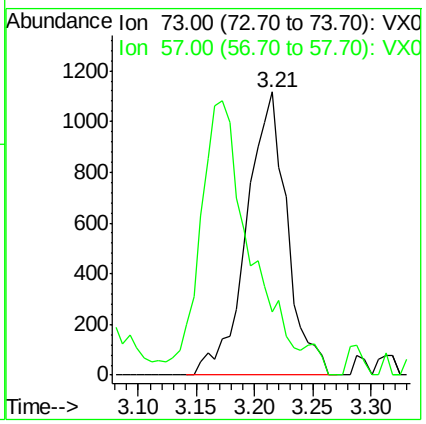


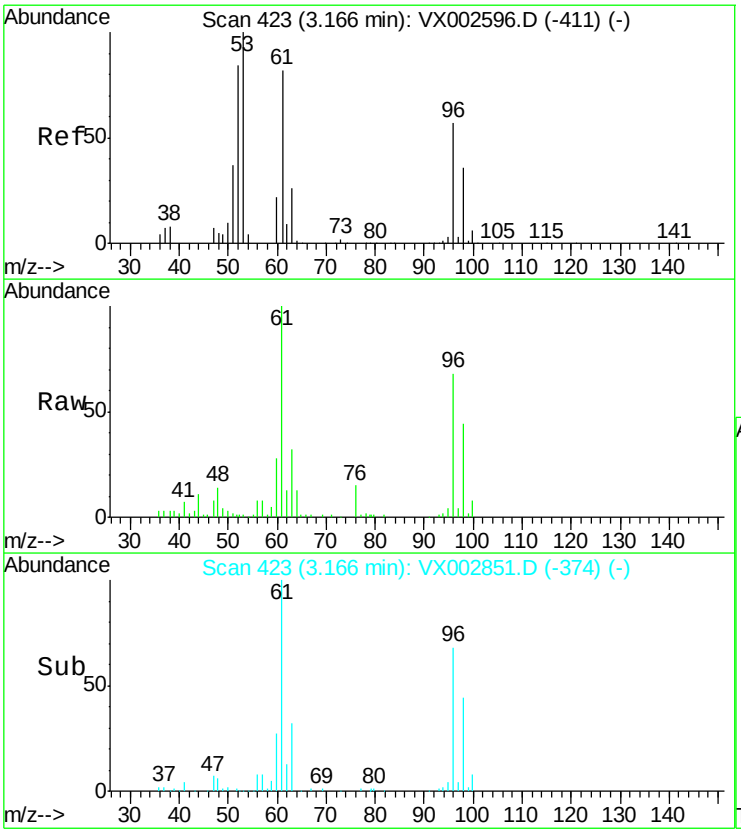

#19
Methyl tert-butyl Ether
Concen: 0.26 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :** MSVOA_X
**ClientSampleId :** S36-0136

Tgt Ion: 73 Resp: 2692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.5 | 17.7 | 26.5 |

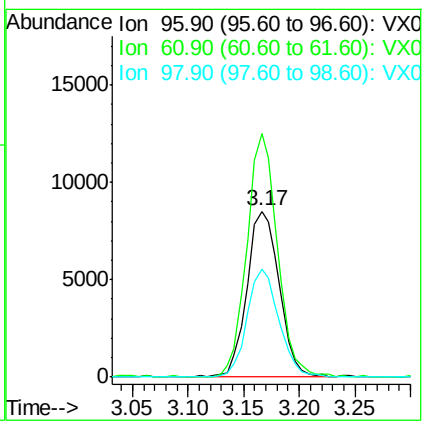


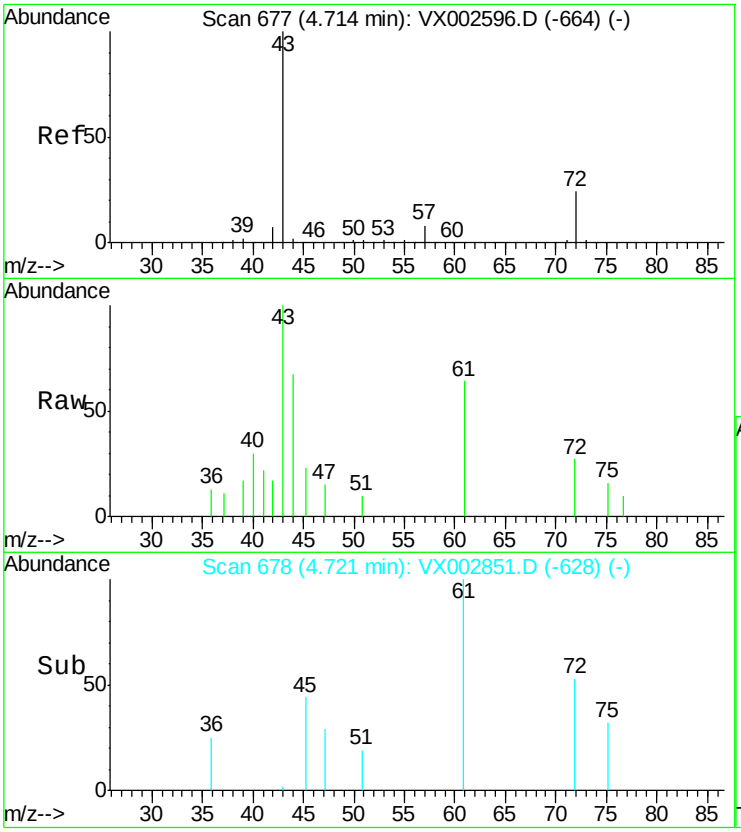




#21
trans-1,2-Dichloroethene
Concen: 5.87 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion: 96 Resp: 17292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 146.8 | 117.0 | 175.4 |
| 98 | 65.2 | 52.4 | 78.6 |



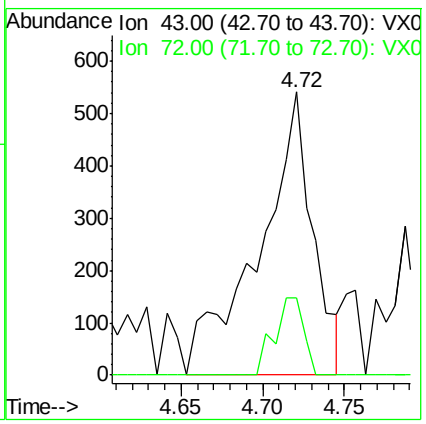


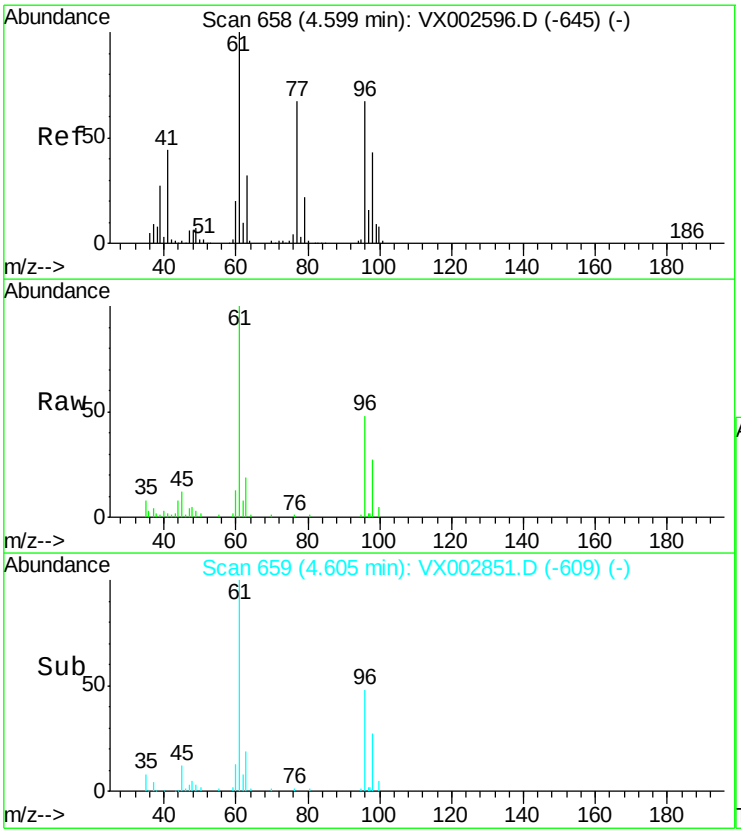

#25
2-Butanone
Concen: 0.58 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
S36-0136

Tgt Ion: 43 Resp: 1232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.2 | 18.5 | 27.7 |

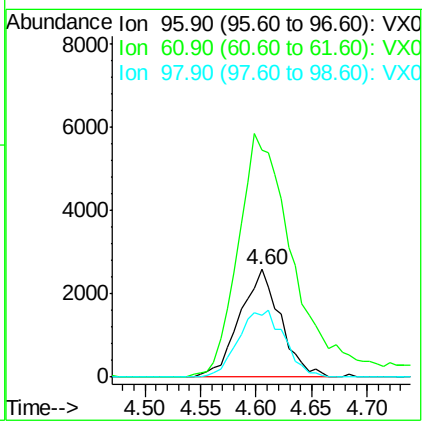


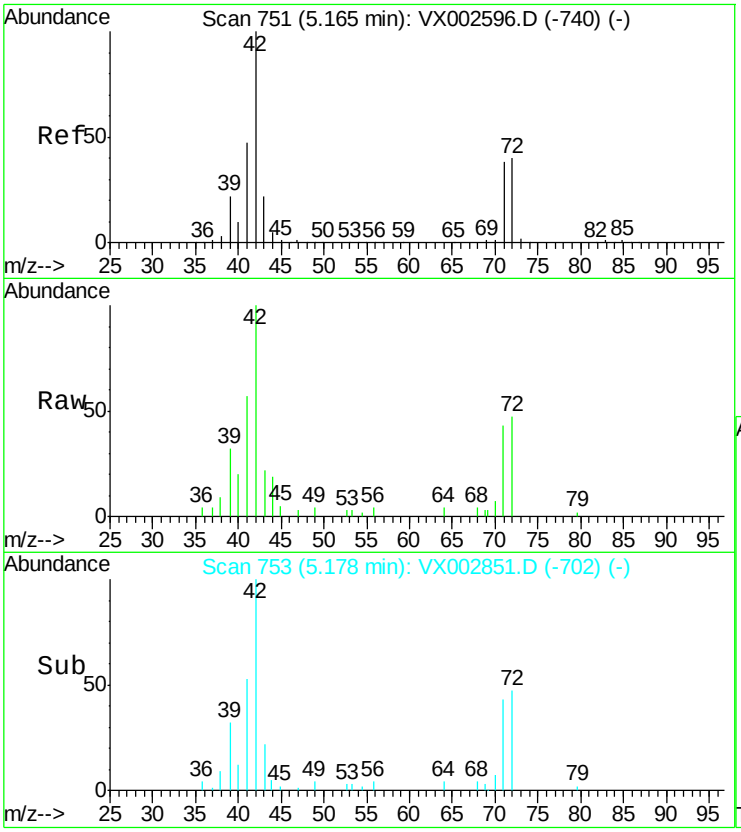




#27
cis-1,2-Dichloroethene
Concen: 2.21 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion: 96 Resp: 6630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 306.3 | 0.0 | 330.2 |
| 98 | 69.3 | 0.0 | 130.2 |



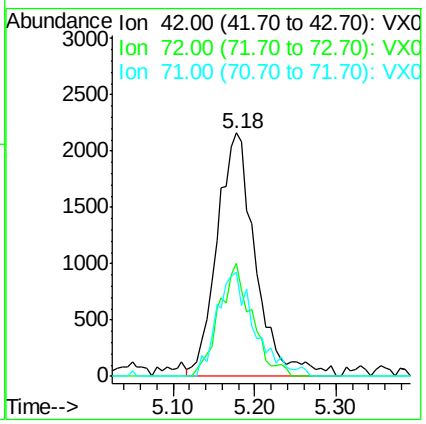


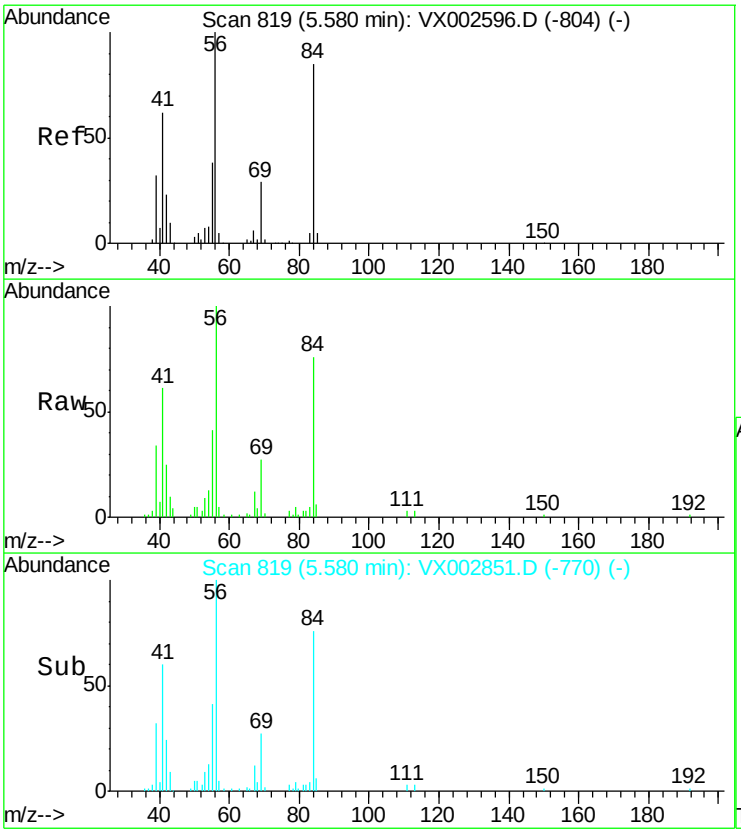

#29
Tetrahydrofuran
Concen: 5.05 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
S36-0136

Tgt Ion: 42 Resp: 7083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 39.8 | 32.0 | 48.0 |
| 71 | 41.3 | 30.1 | 45.1 |

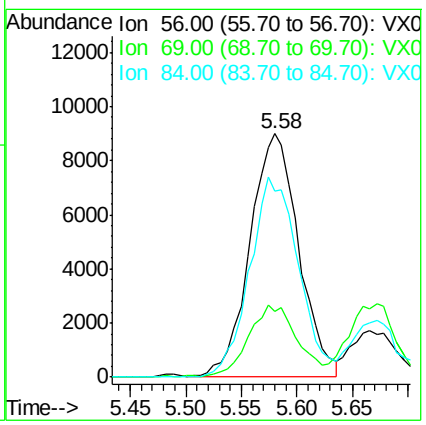


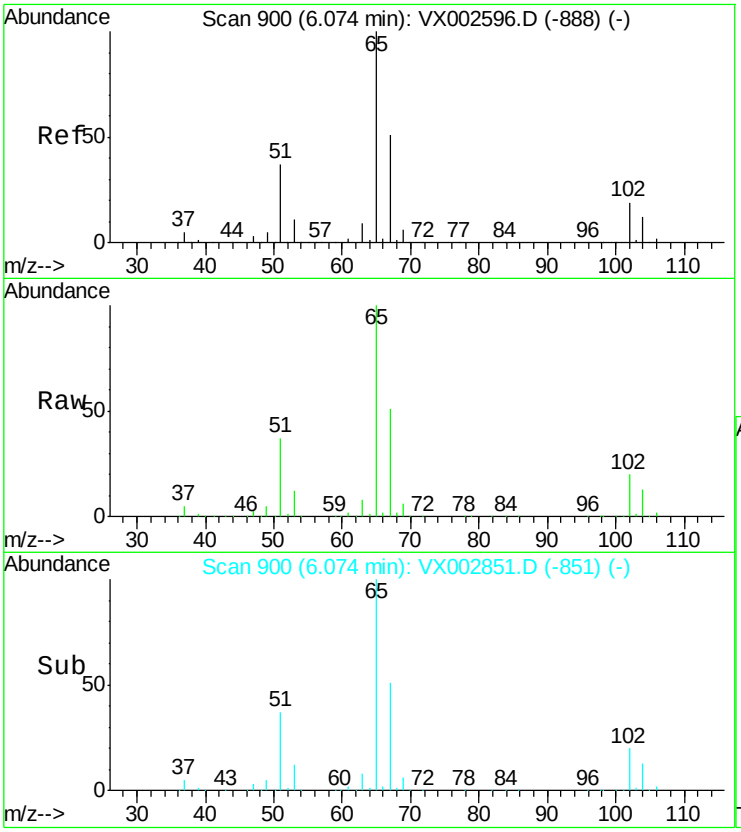




#31
Cyclohexane
Concen: 6.30 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion: 56 Resp: 27428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 26.3 | 23.7 | 35.5 |
| 84 | 76.3 | 64.1 | 96.1 |



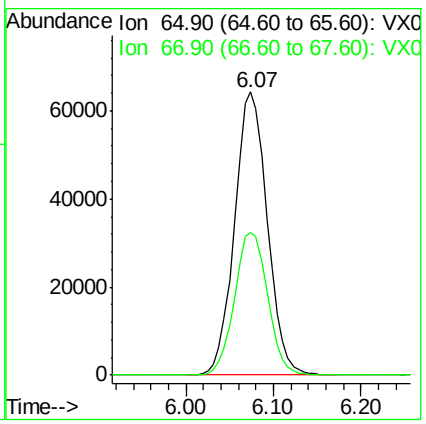


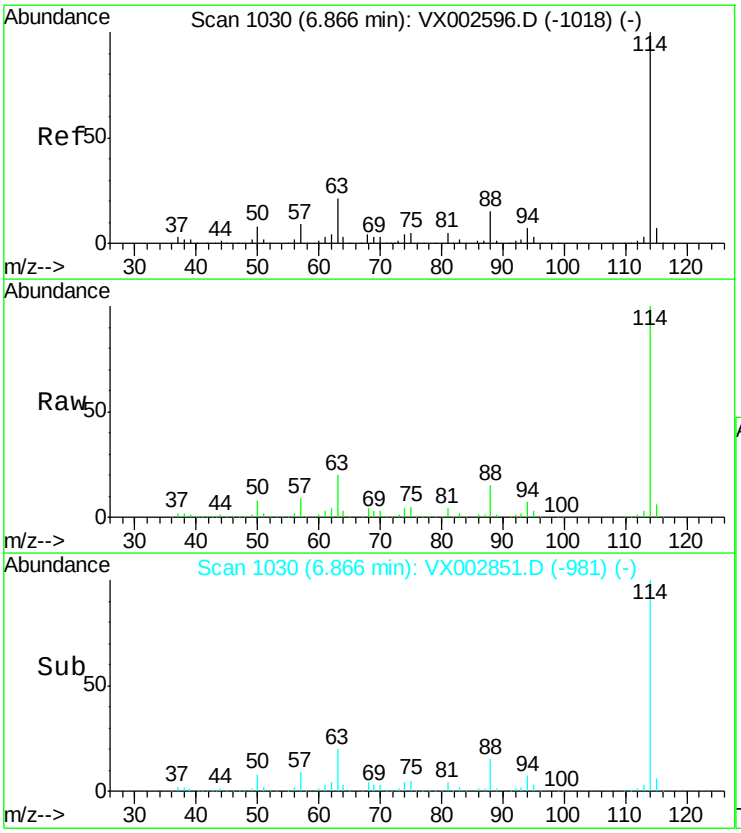

#33
1,2-Dichloroethane-d4
Concen: 45.28 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
S36-0136

Tgt Ion: 65 Resp: 167078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.1 | 0.0 | 102.6 |

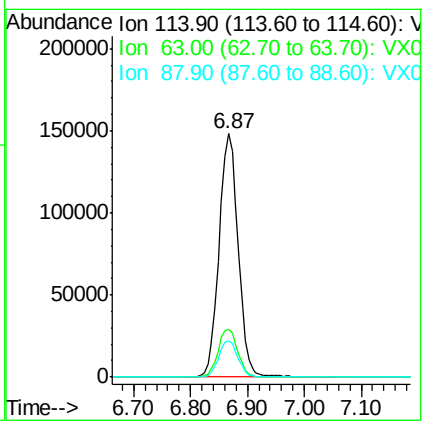


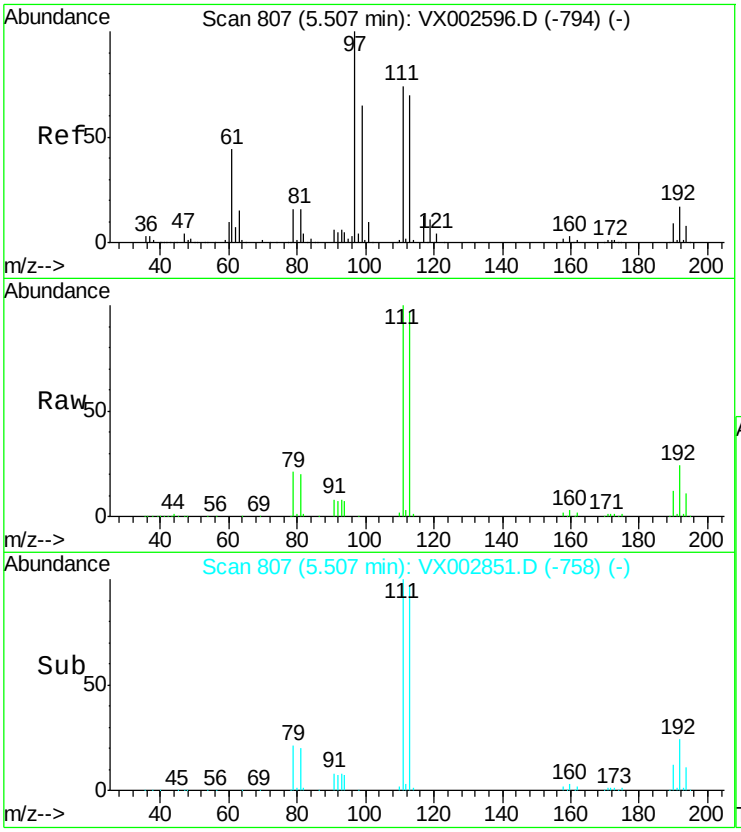




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion:114 Resp: 345930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.8 | 0.0 | 41.4 |
| 88 | 14.6 | 0.0 | 30.0 |



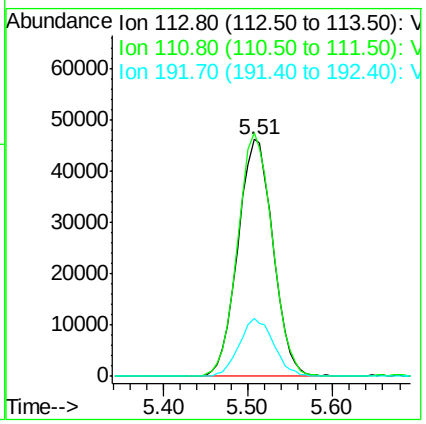


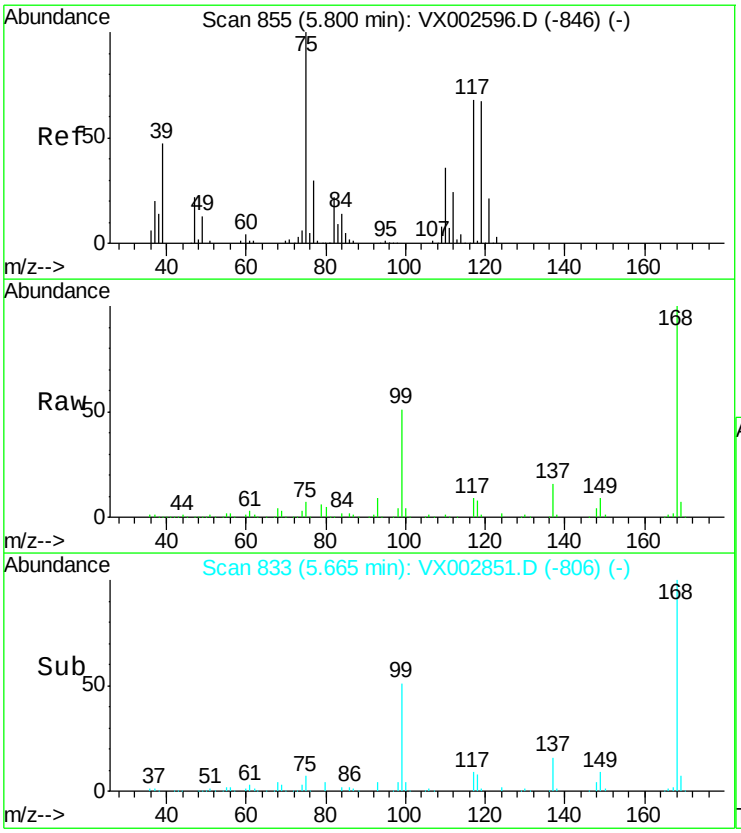

#35
Dibromofluoromethane
Concen: 47.29 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
S36-0136

Tgt Ion:113 Resp: 130563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.9 | 81.4 | 122.0 |
| 192 | 24.1 | 19.1 | 28.7 |

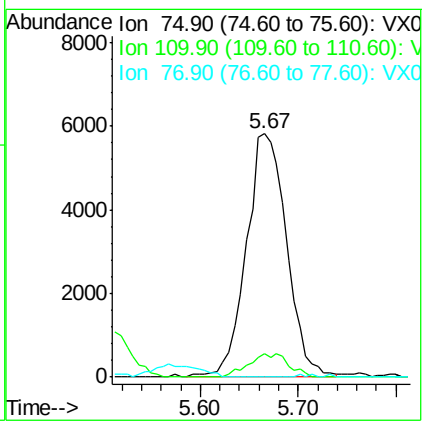


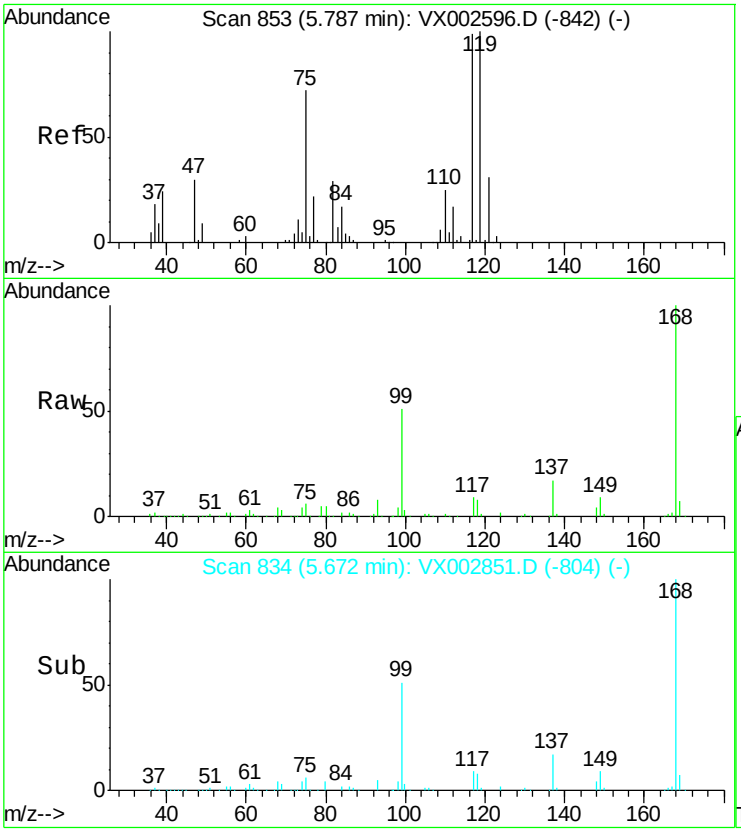




#36
1,1-Dichloropropene
Concen: 4.52 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion: 75 Resp: 16624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.5 | 18.1 | 54.4# |
| 77 | 0.0 | 24.3 | 36.5# |



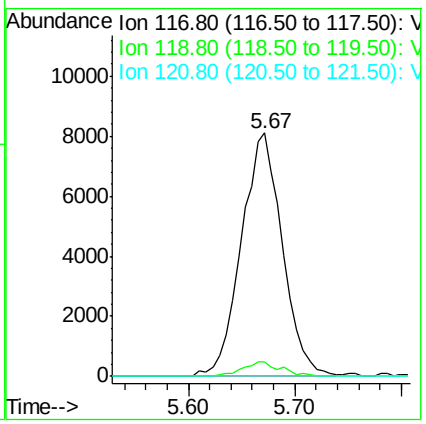


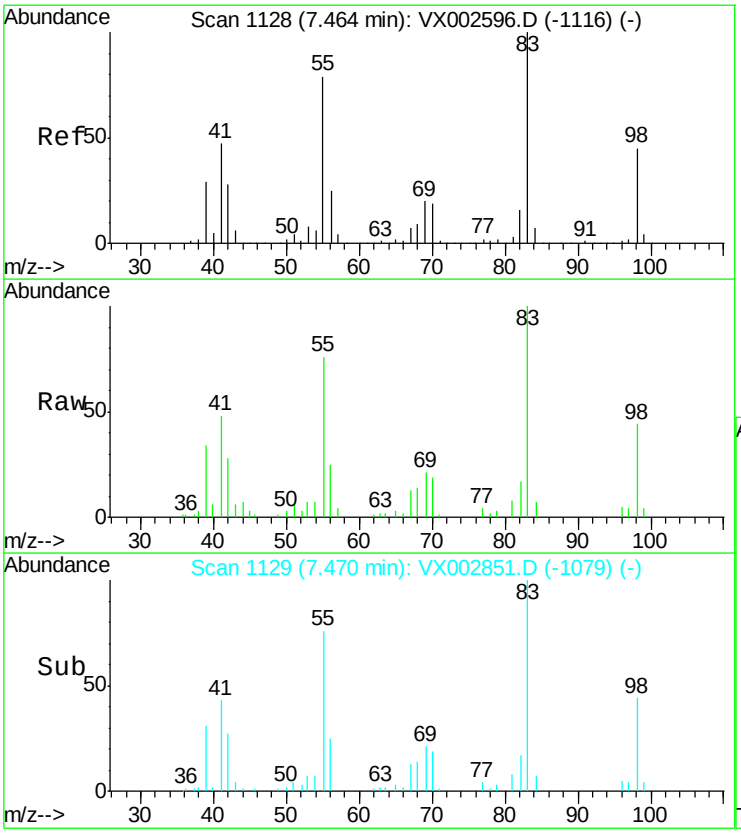

#38
Carbon Tetrachloride
Concen: 5.99 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :** MSVOA_X
**ClientSampleId :** S36-0136

Tgt Ion:117 Resp: 21899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 6.0 | 77.4 | 116.0# |
| 121 | 0.0 | 24.4 | 36.6# |

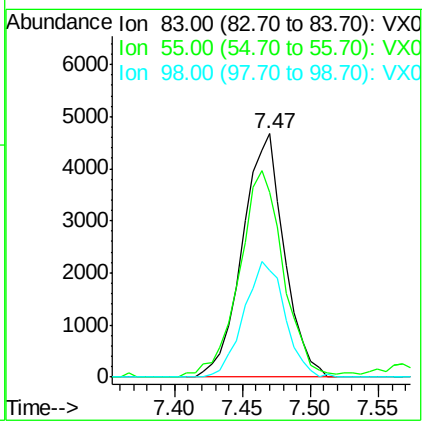


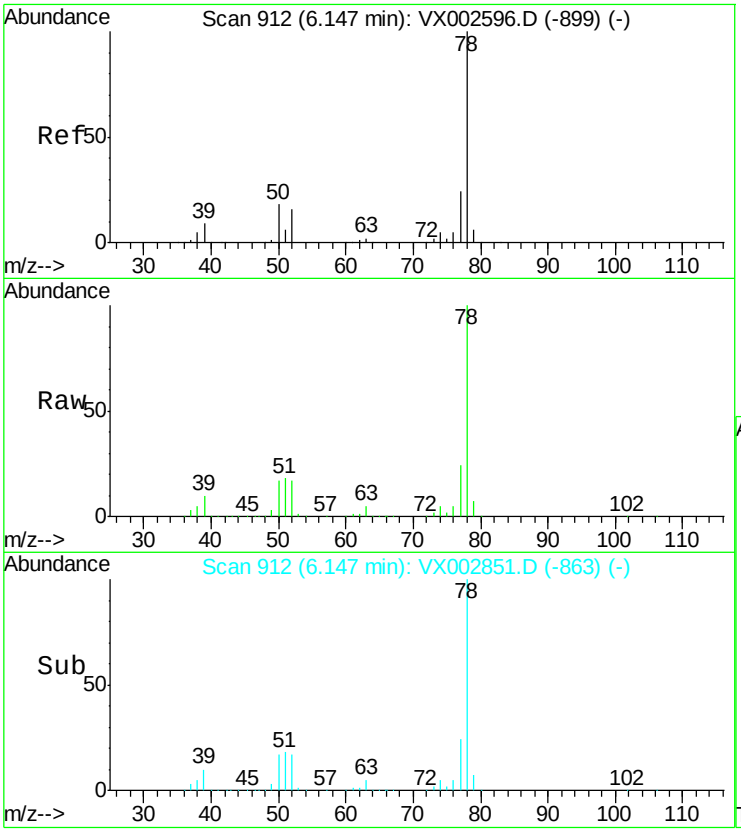




#39
Methylcyclohexane
Concen: 2.33 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion: 83 Resp: 10004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 74.4 | 65.4 | 98.0 |
| 98 | 43.6 | 37.4 | 56.0 |



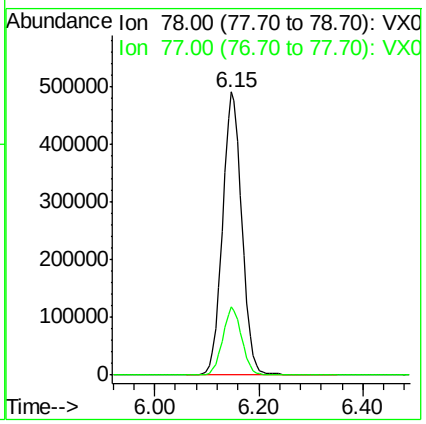


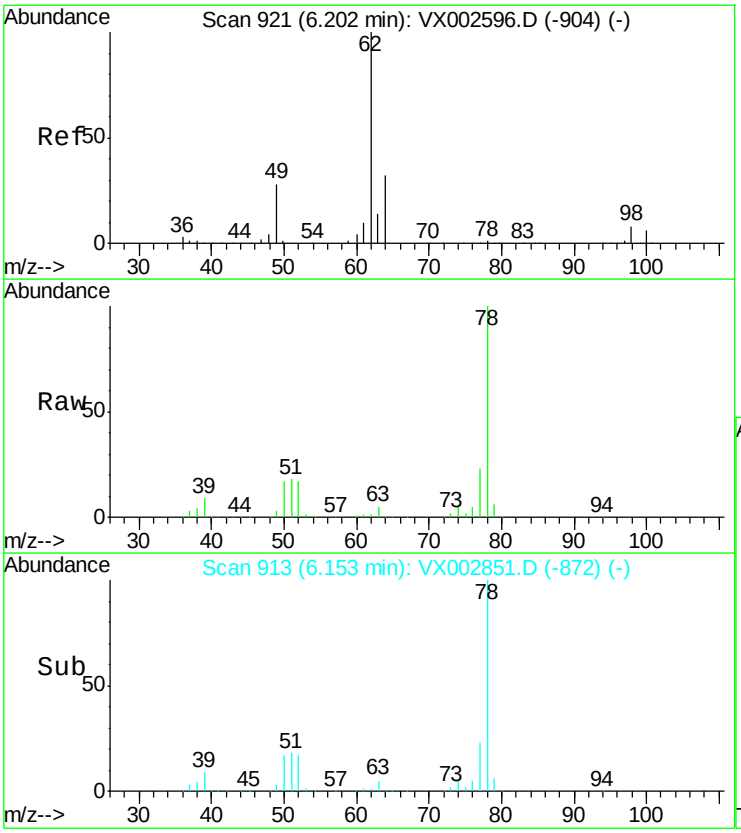

#40
Benzene
Concen: 116.96 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
S36-0136

Tgt Ion: 78 Resp: 1288513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.1 | 19.1 | 28.7 |

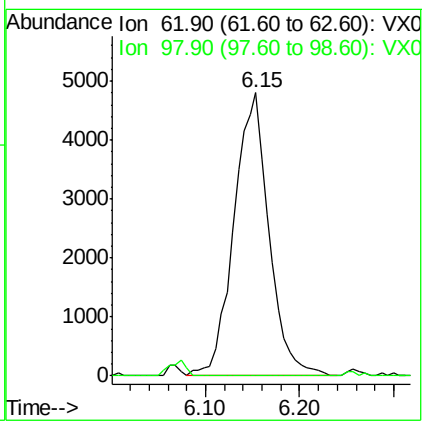


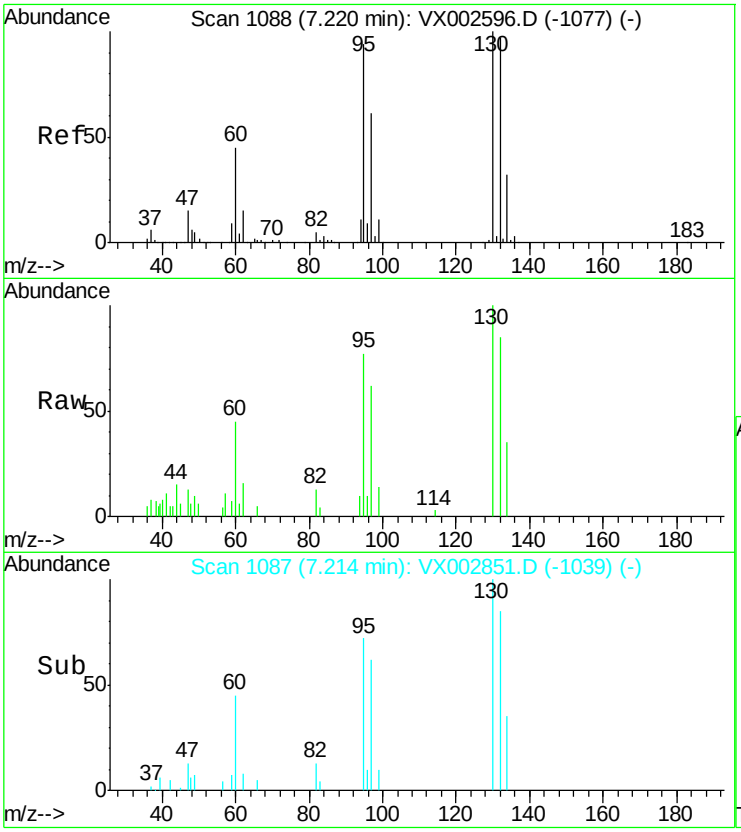




#42
1,2-Dichloroethane
Concen: 2.93 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.05 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion: 62 Resp: 12478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 0.0 | 16.6 |



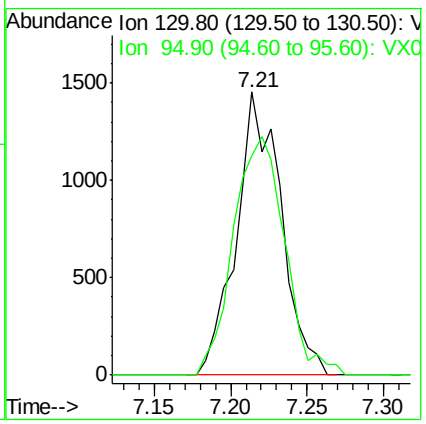


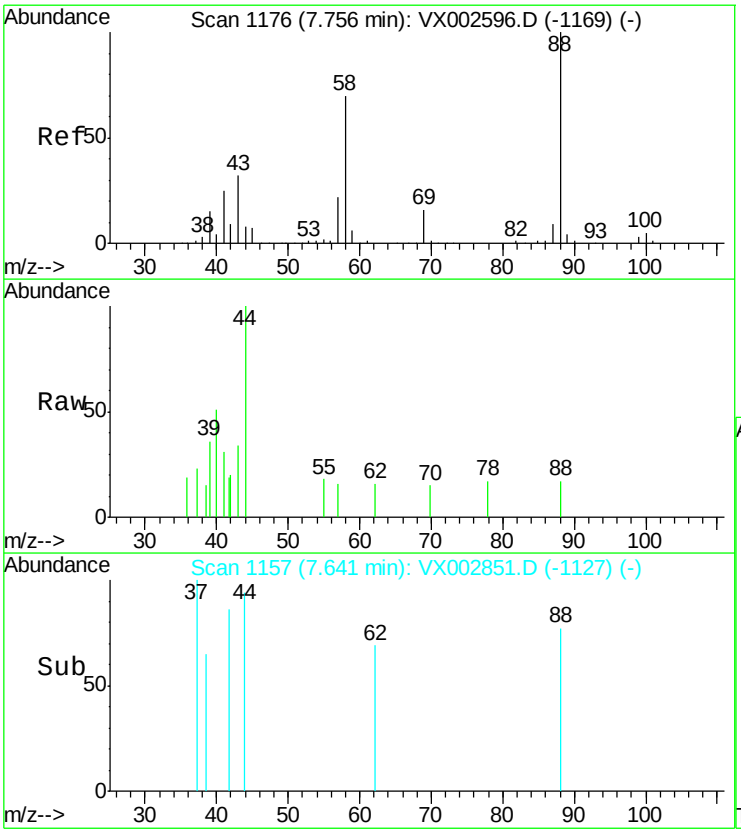

#44
Trichloroethene
Concen: 0.93 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :** MSVOA_X
**ClientSampleId :** S36-0136

Tgt Ion:130 Resp: 2953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 77.4 | 0.0 | 185.4 |

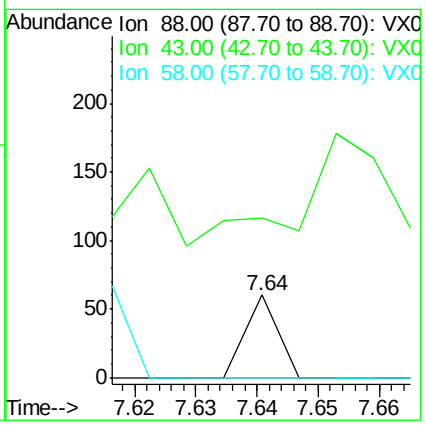


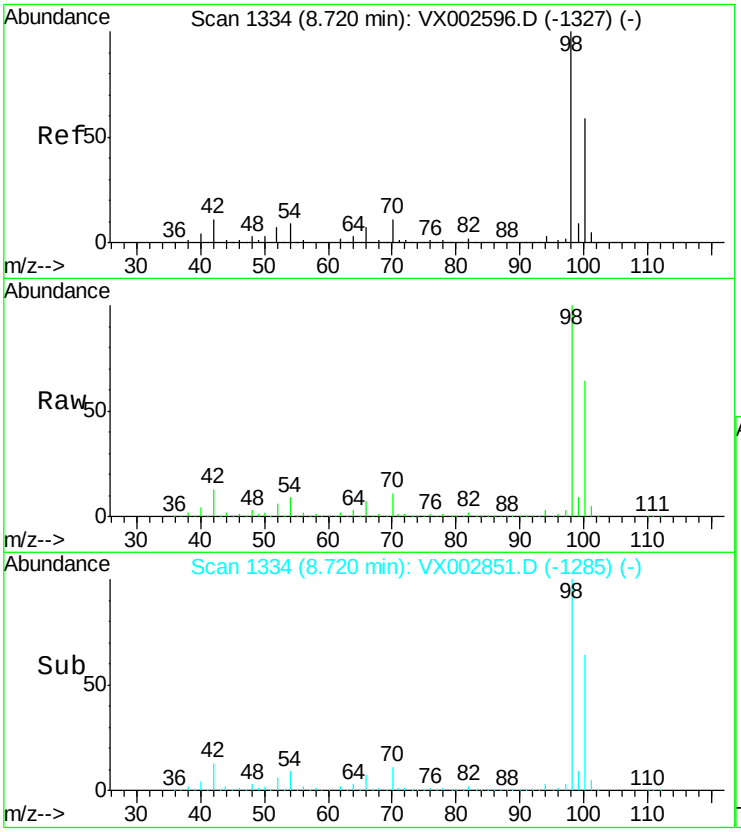




#49
1,4-Dioxane
Concen: 0.33 ug/l
RT: 7.64 min Scan# 1157
Delta R.T. -0.12 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion: 88 Resp: 22

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 0.0 | 29.8 | 44.6# |
| 58 | 0.0 | 57.1 | 85.7# |



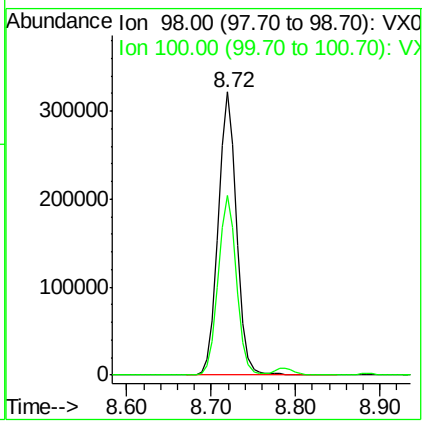


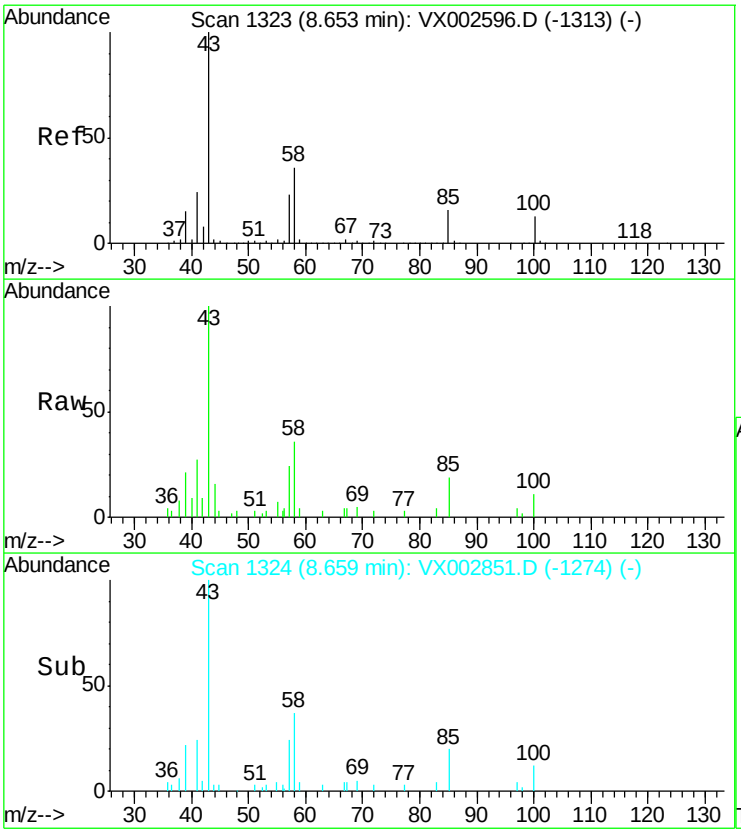

#50
Toluene-d8
Concen: 46.36 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
S36-0136

Tgt Ion: 98 Resp: 485958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.2 | 50.9 | 76.3 |

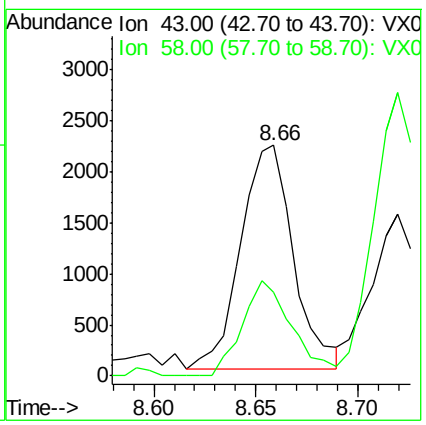


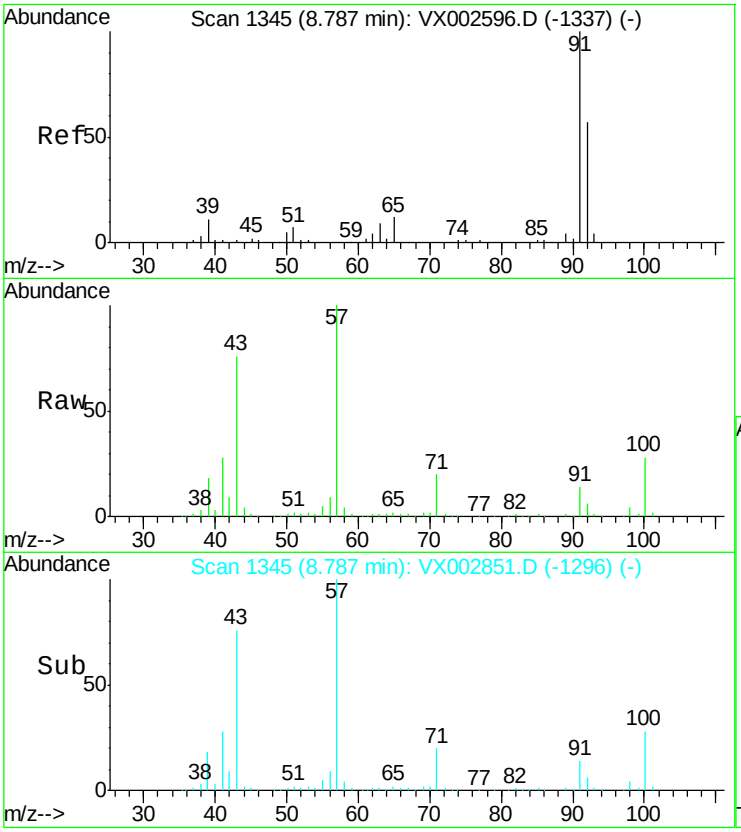




#51
4-Methyl-2-Pentanone
Concen: 0.89 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion: 43 Resp: 3943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.4 | 28.6 | 42.8 |



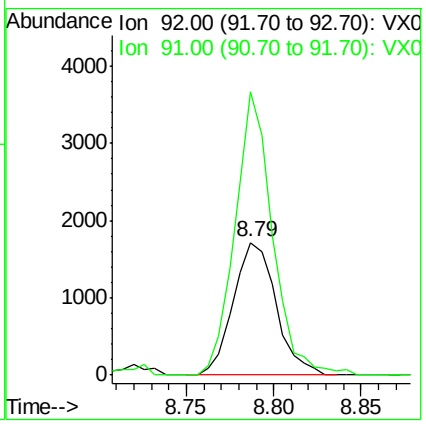


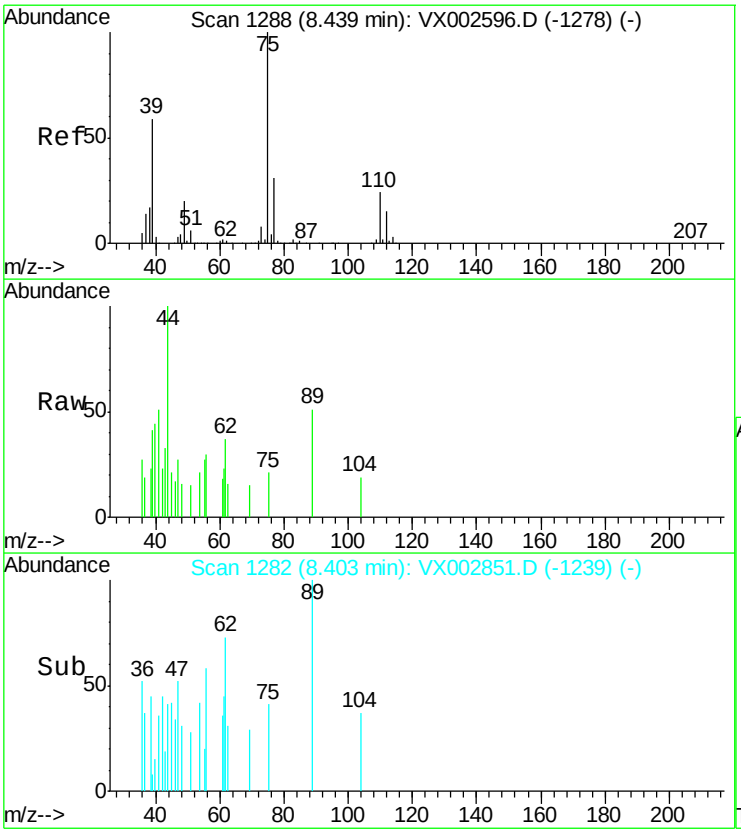

#52
Toluene
Concen: 0.42 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
S36-0136

Tgt Ion: 92 Resp: 2928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 186.3 | 140.4 | 210.6 |

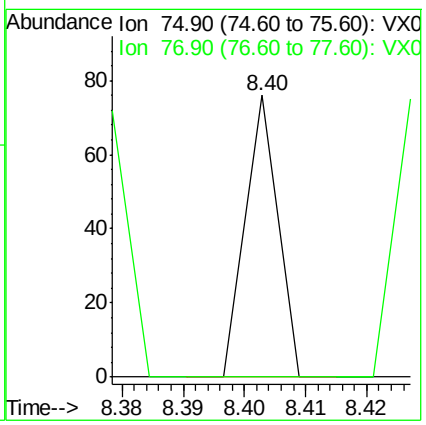


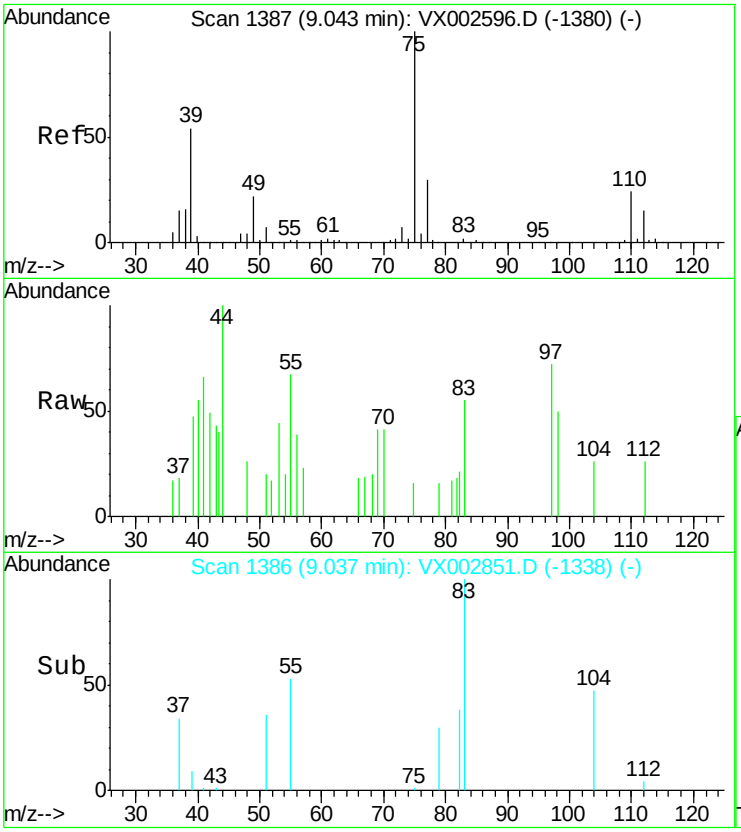




#53
t-1,3-Dichloropropene
Concen: 2.40 ug/l
RT: 8.40 min Scan# 1282
Delta R.T. -0.04 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion: 75 Resp: 28

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.0 | 25.4 | 38.2# |



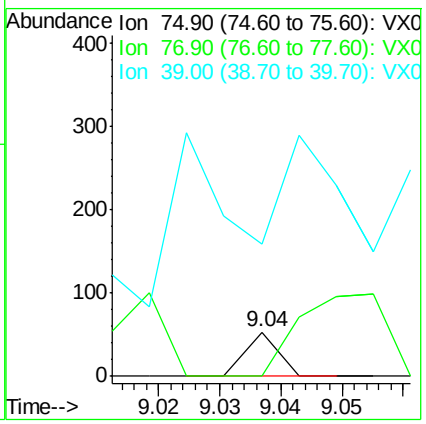


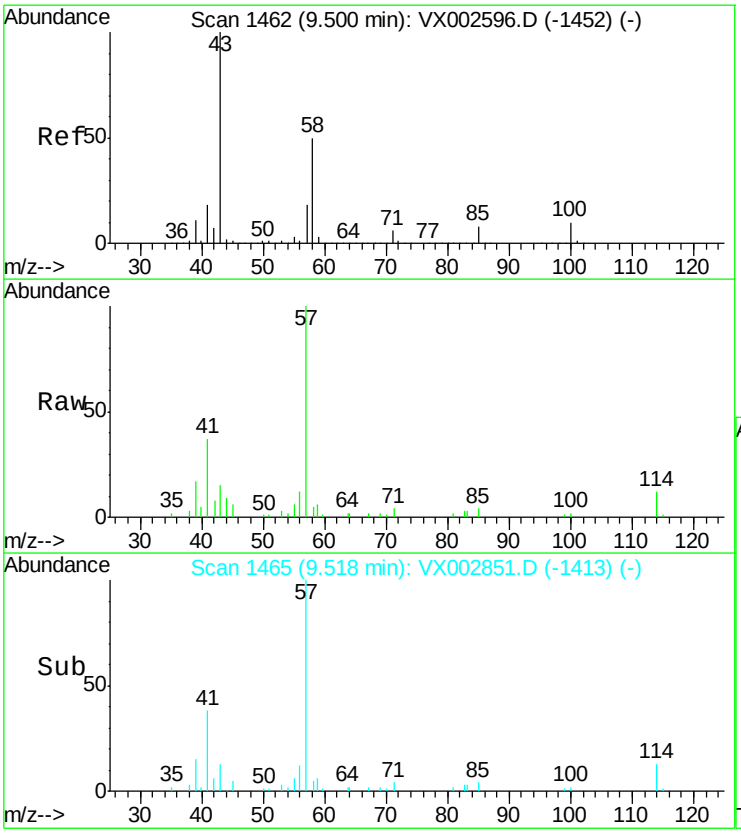

#54
cis-1,3-Dichloropropene
Concen: 3.22 ug/l
RT: 9.04 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
S36-0136

Tgt Ion: 75 Resp: 19

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.0 | 24.8 | 37.2# |
| 39 | 0.0 | 42.4 | 63.6# |

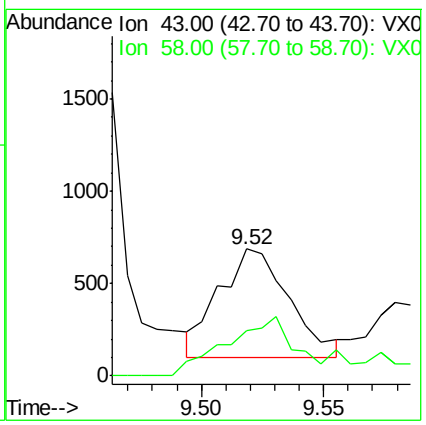


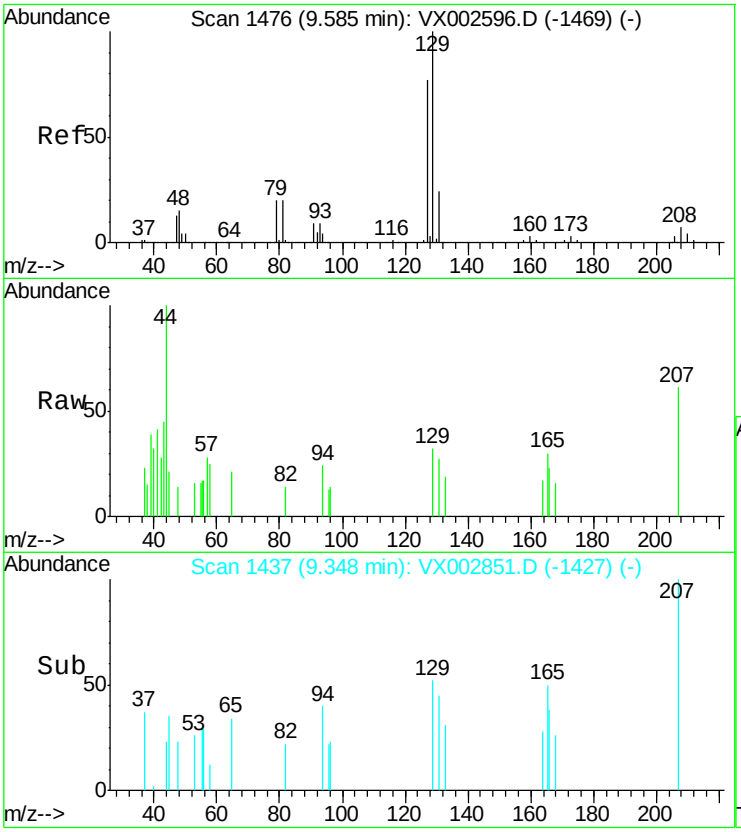




#59
2-Hexanone
Concen: 0.35 ug/l
RT: 9.52 min Scan# 1465
Delta R.T. 0.02 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion: 43 Resp: 1167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 53.2 | 24.6 | 73.6 |



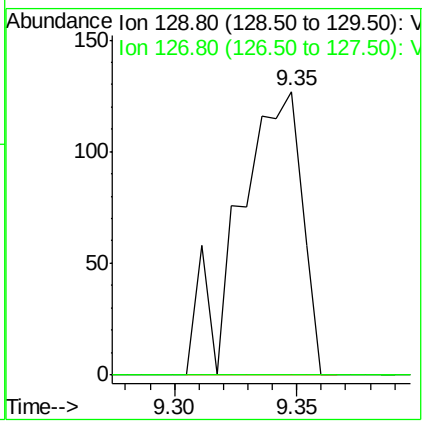


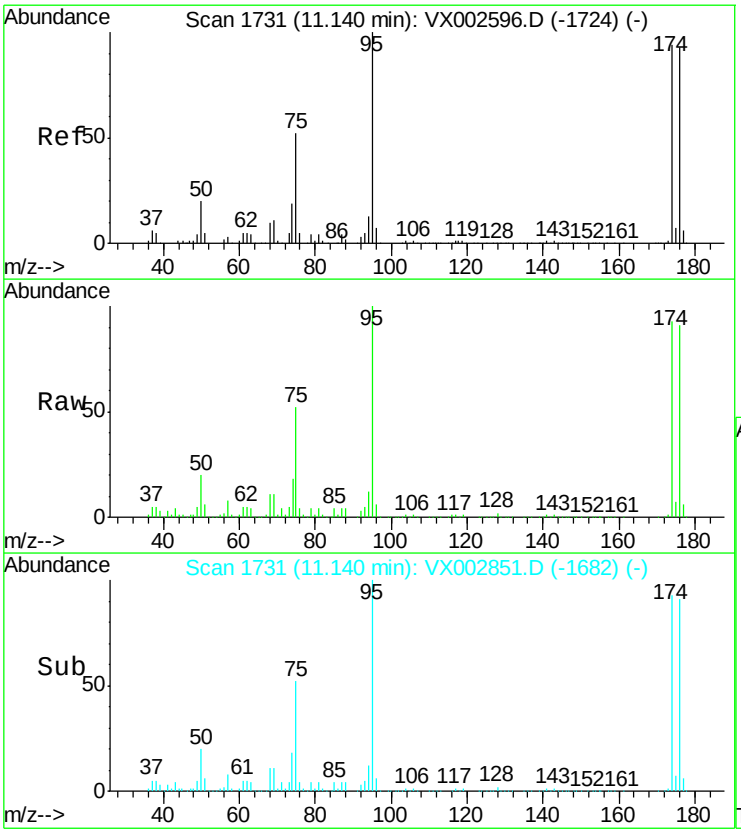

#60
Dibromochloromethane
Concen: 3.83 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. -0.24 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :** MSVOA_X
**ClientSampleId :** S36-0136

Tgt Ion:129 Resp: 229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 38.5 | 115.3# |

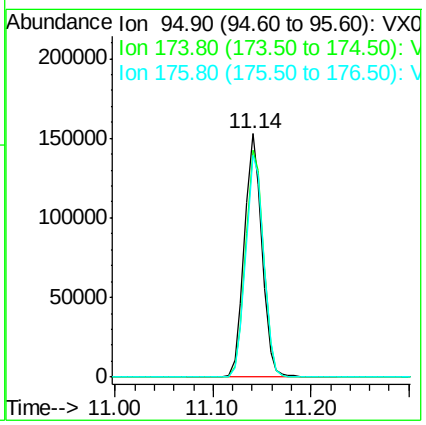


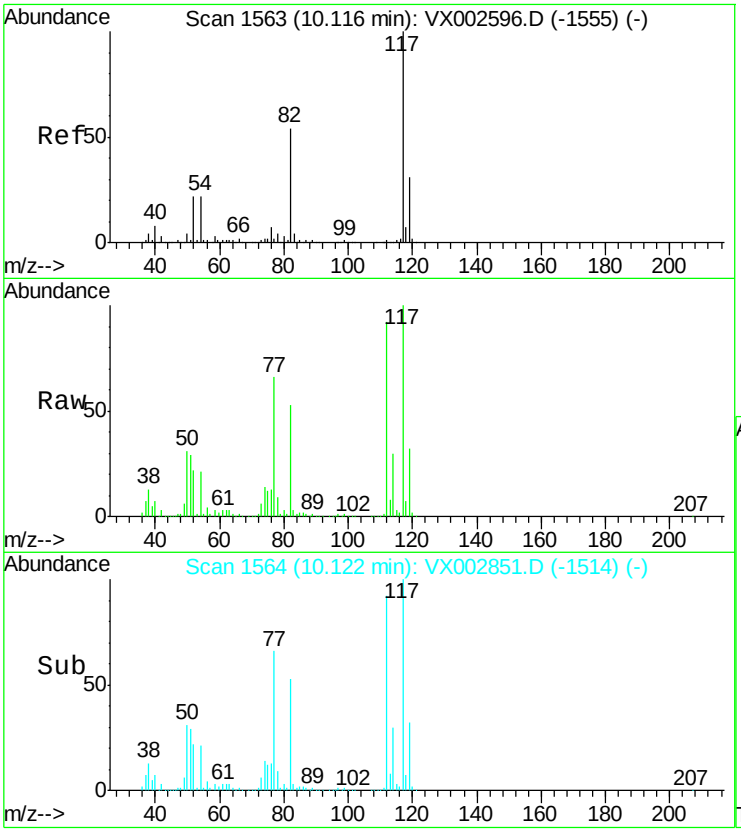




#62
4-Bromofluorobenzene
Concen: 48.26 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion: 95 Resp: 191691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 94.8 | 0.0 | 187.4 |
| 176 | 92.5 | 0.0 | 181.0 |



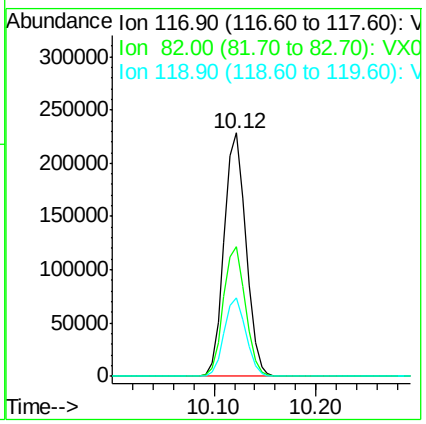


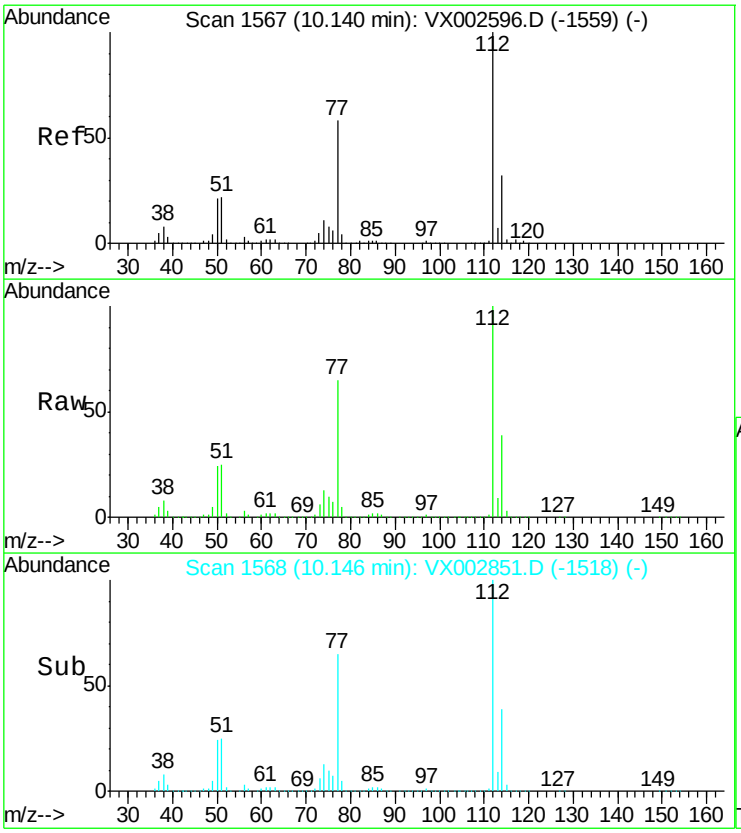

#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
S36-0136

Tgt Ion:117 Resp: 338470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.3 | 45.0 | 67.4 |
| 119 | 32.3 | 25.8 | 38.6 |

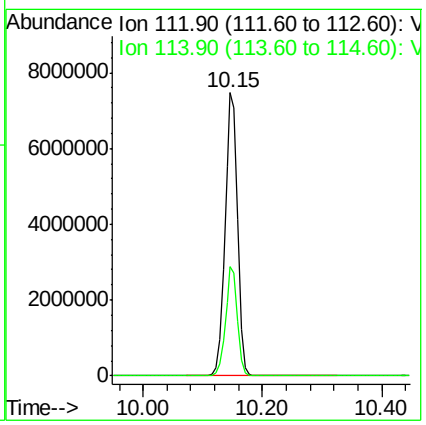


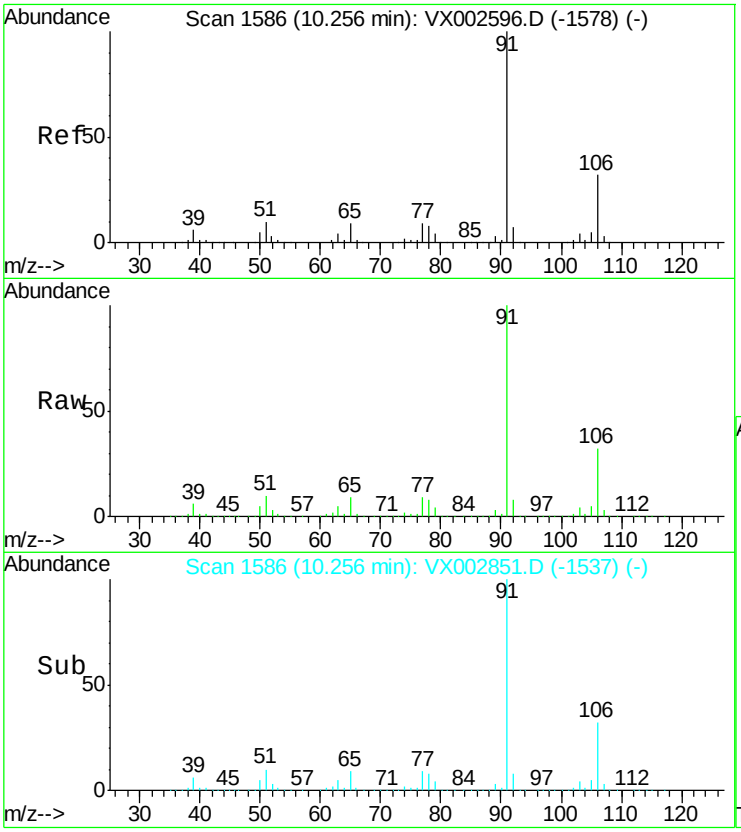




#65
Chlorobenzene
Concen: 1313.45 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion:112 Resp:10917841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 38.8 | 25.3 | 37.9# |



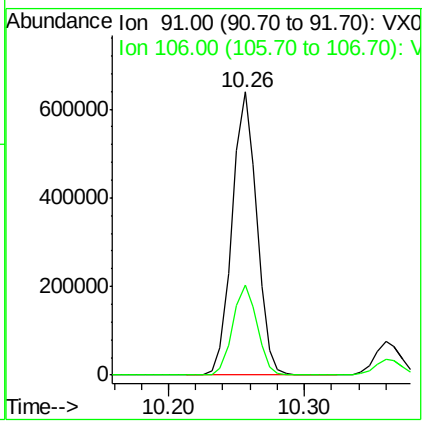


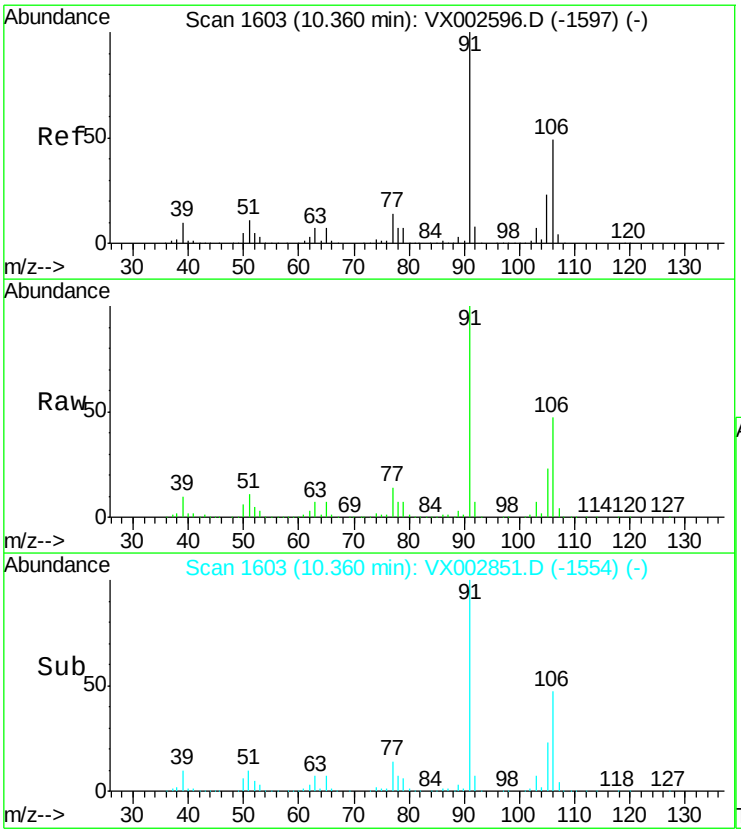

#67
Ethyl Benzene
Concen: 57.33 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :** MSVOA_X
**ClientSampleId :** S36-0136

Tgt Ion: 91 Resp: 803802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.8 | 25.5 | 38.3 |

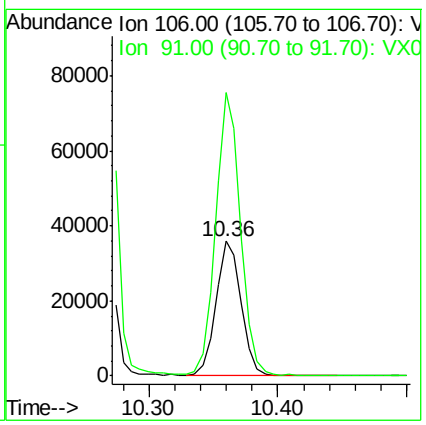


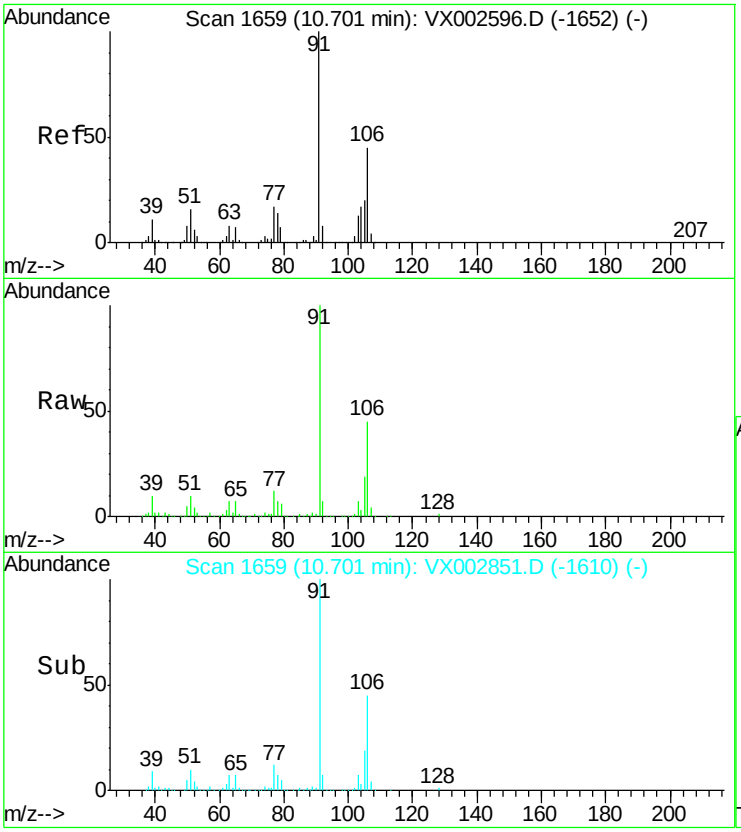




#68
m/p-Xylenes
Concen: 9.11 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion:106 Resp: 49259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 205.7 | 163.4 | 245.2 |



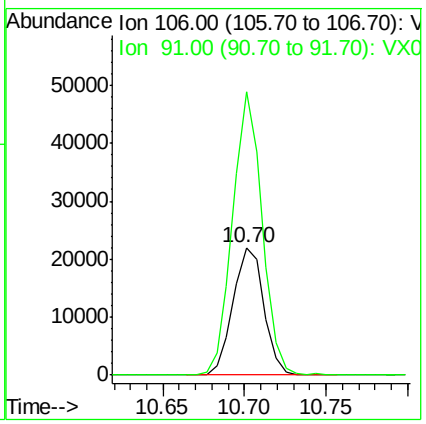


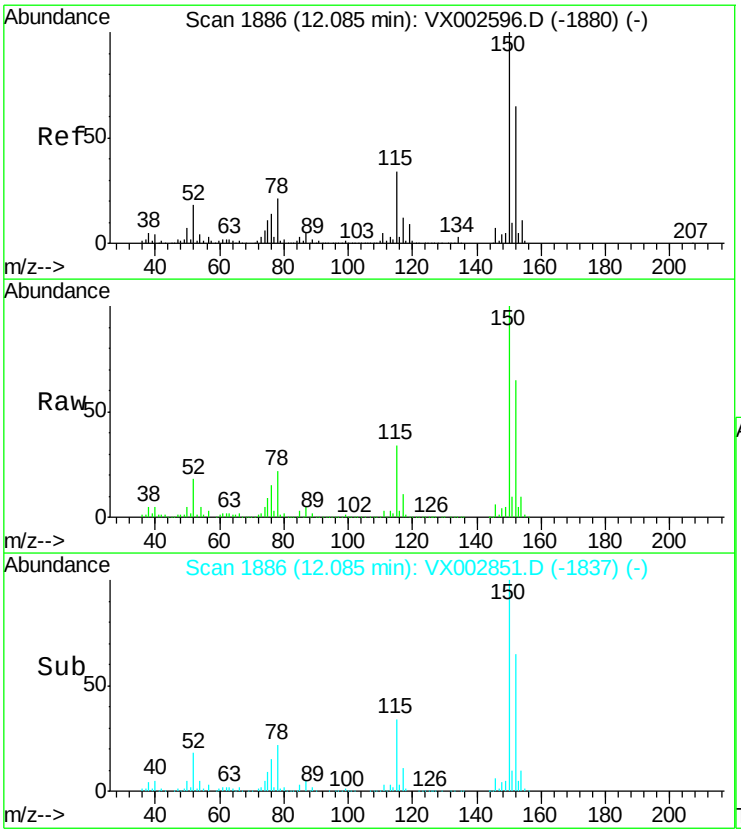

#69
o-Xylene
Concen: 5.46 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
S36-0136

Tgt Ion:106 Resp: 28993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 212.7 | 108.2 | 324.6 |

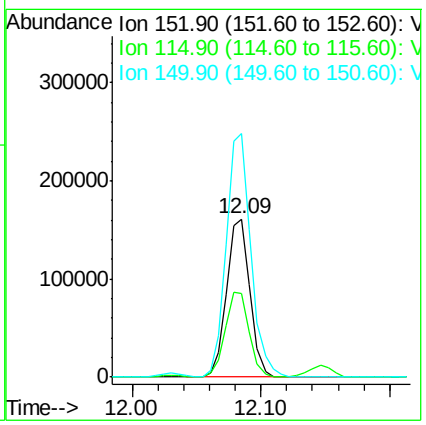


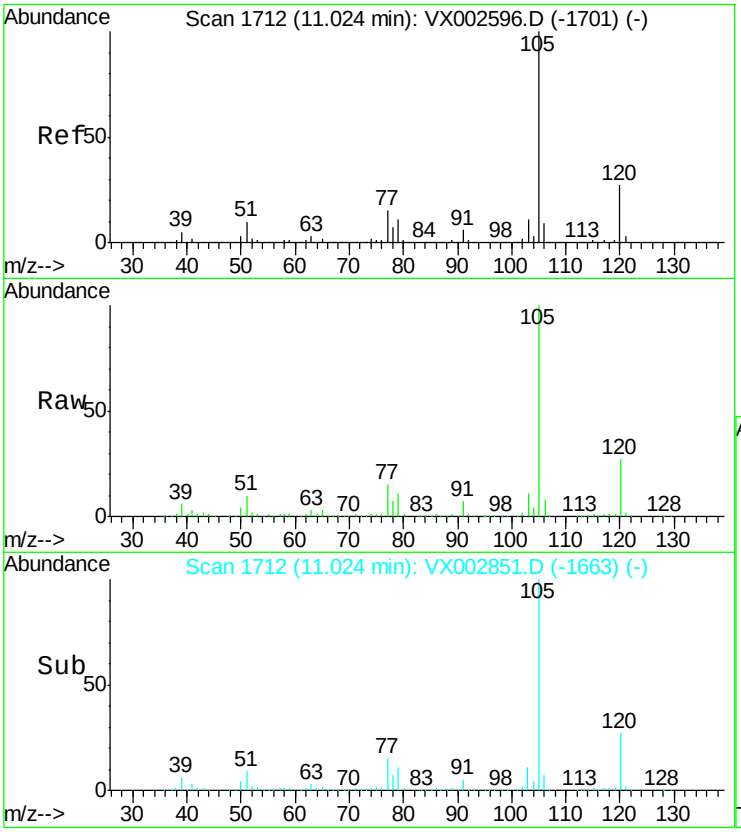




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion:152 Resp: 205221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 54.9 | 40.1 | 120.2 |
| 150 | 162.8 | 0.0 | 347.2 |



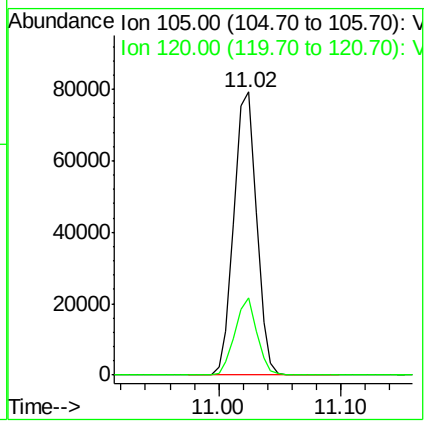


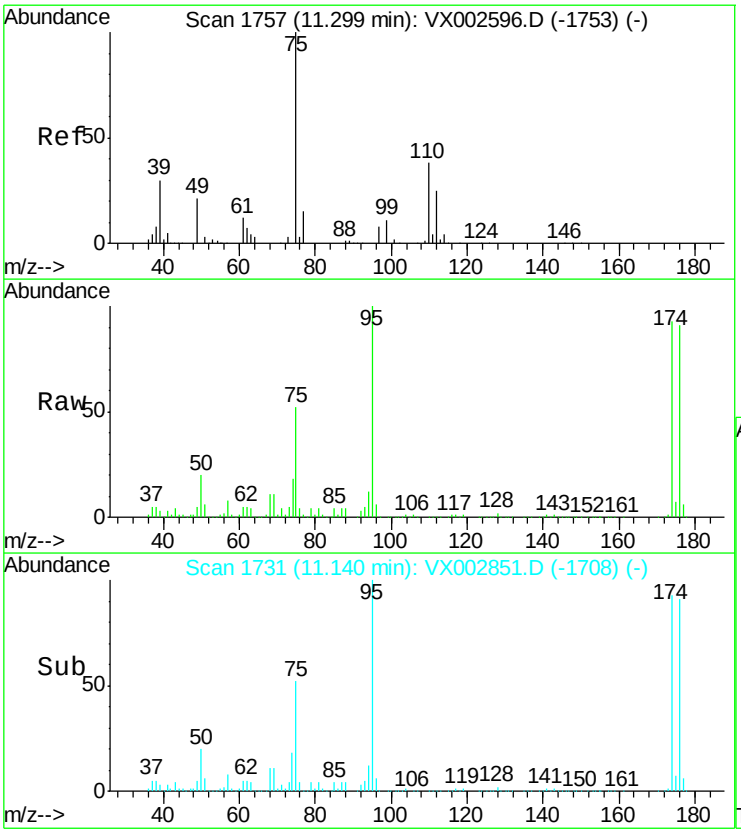

#73
Isopropylbenzene
Concen: 7.38 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :** MSVOA_X
**ClientSampleId :** S36-0136

Tgt Ion:105 Resp: 101297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.5 | 13.5 | 40.4 |

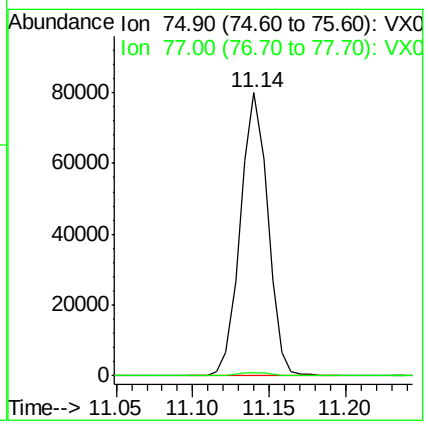


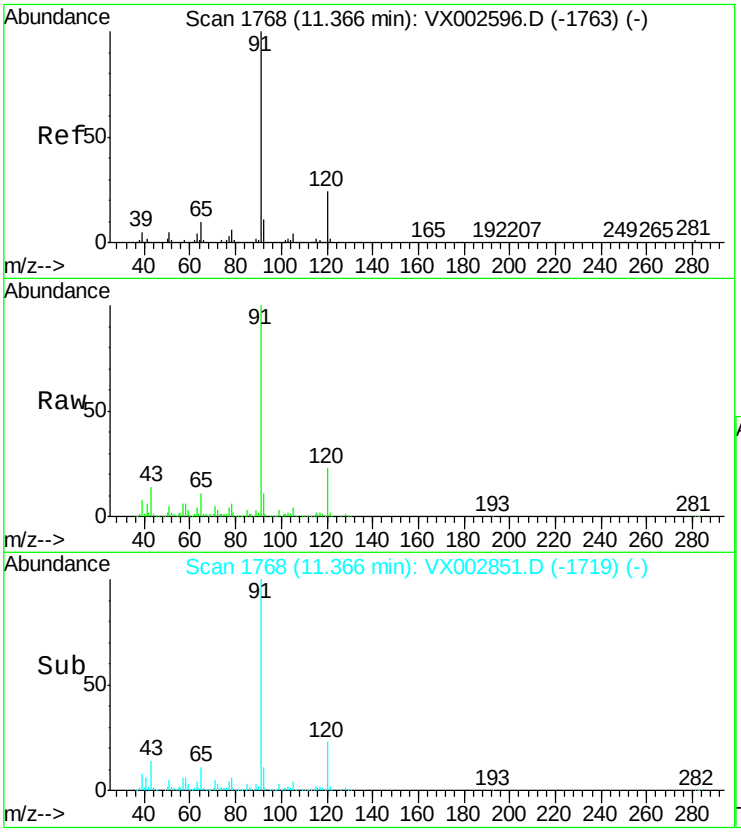




#76
1,2,3-Trichloropropane
Concen: 25.74 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion: 75 Resp: 99697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.5 | 22.8 | 68.3# |



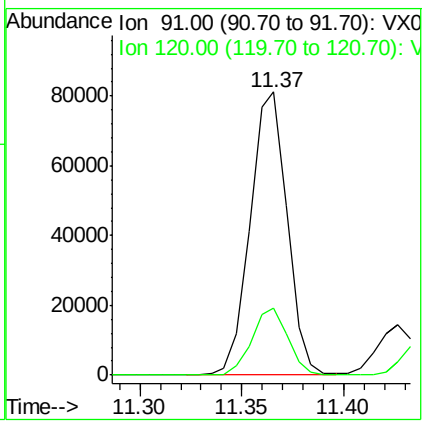


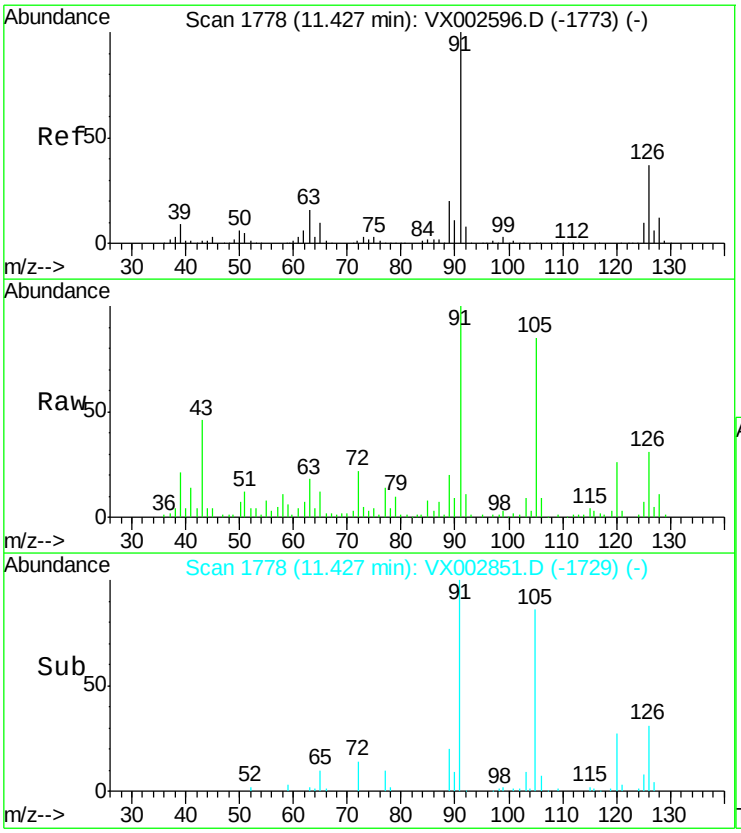

#78
n-propylbenzene
Concen: 6.48 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :** MSVOA_X
**ClientSampleId :** S36-0136

Tgt Ion: 91 Resp: 102015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.3 | 11.8 | 35.4 |

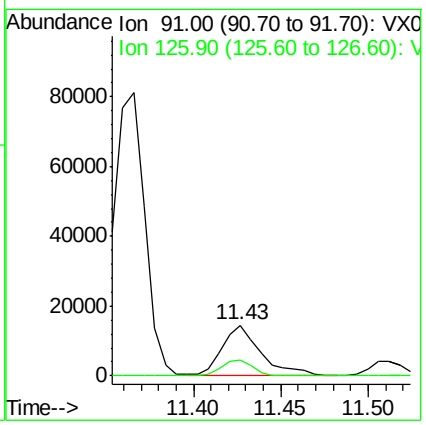


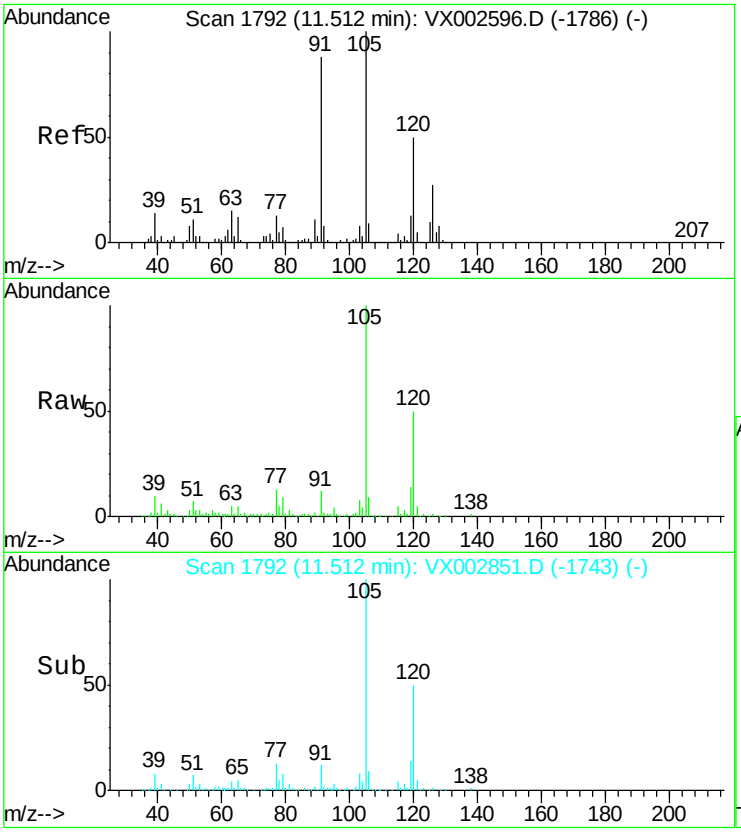




#79
2-Chlorotoluene
Concen: 2.38 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion: 91 Resp: 22414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 26.4 | 17.7 | 53.1 |



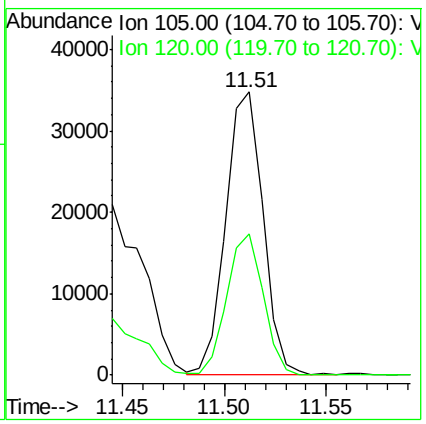


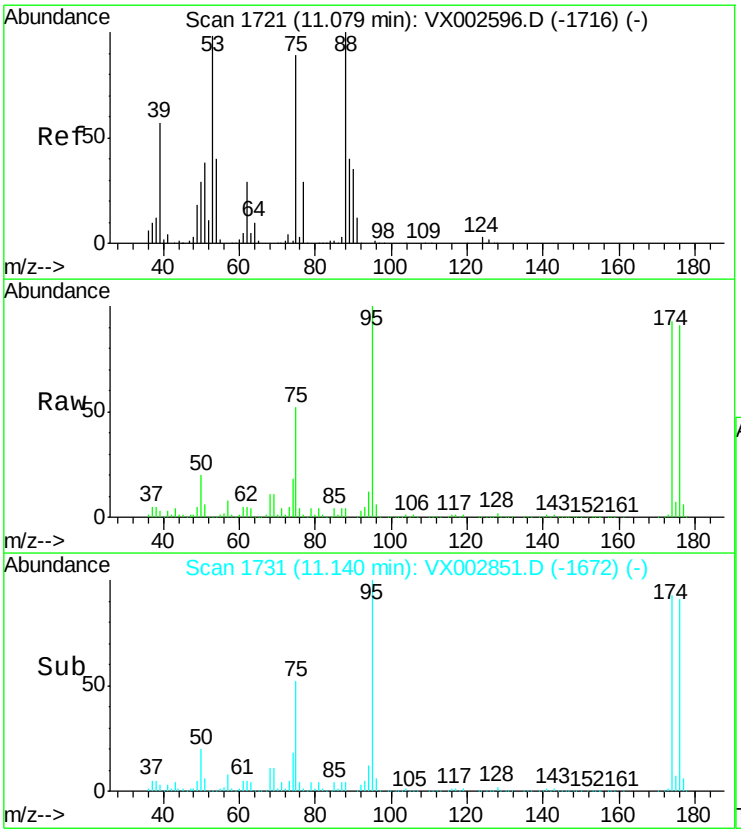

#80
1,3,5-Trimethylbenzene
Concen: 3.77 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
S36-0136

Tgt Ion:105 Resp: 43680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 49.4 | 24.4 | 73.4 |

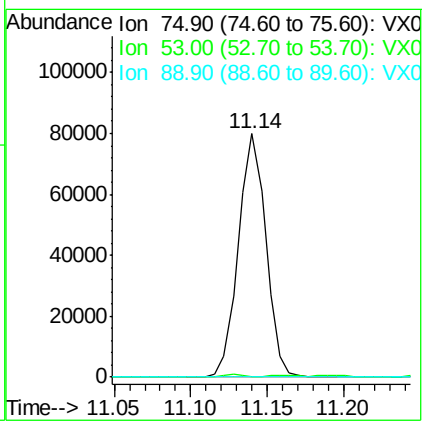


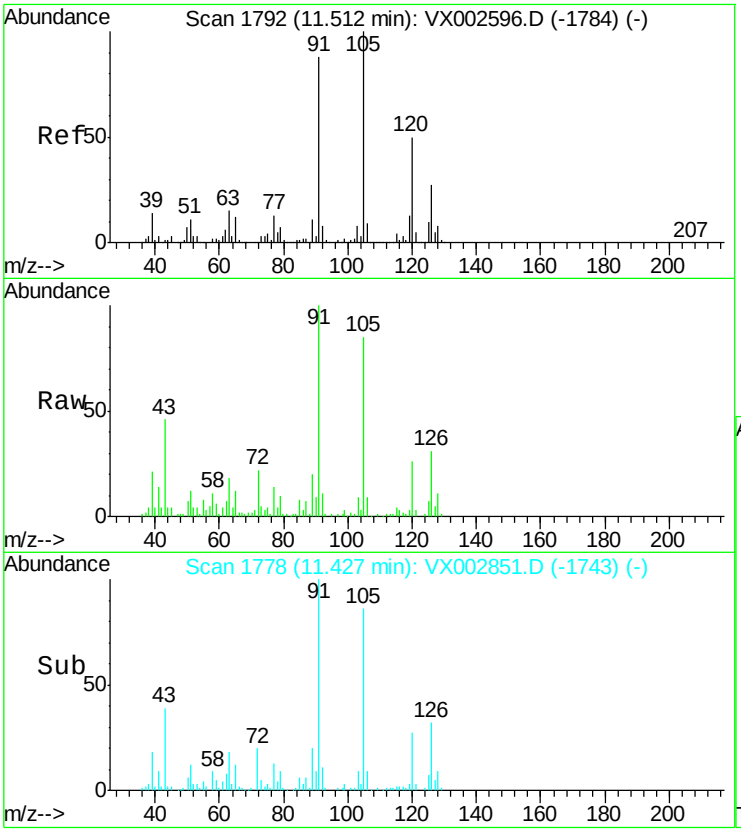




#81
trans-1,4-Dichloro-2-butene
Concen: 79.67 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion: 75 Resp: 99697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.9 | 86.8 | 130.2# |
| 89 | 0.0 | 38.2 | 57.2# |



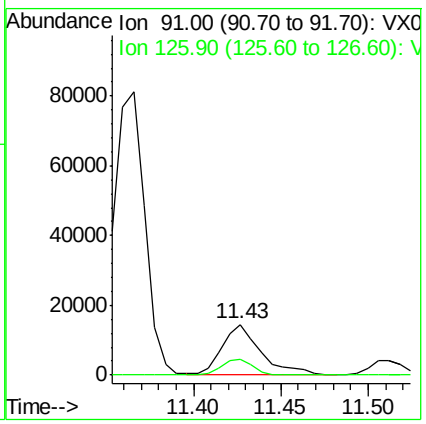


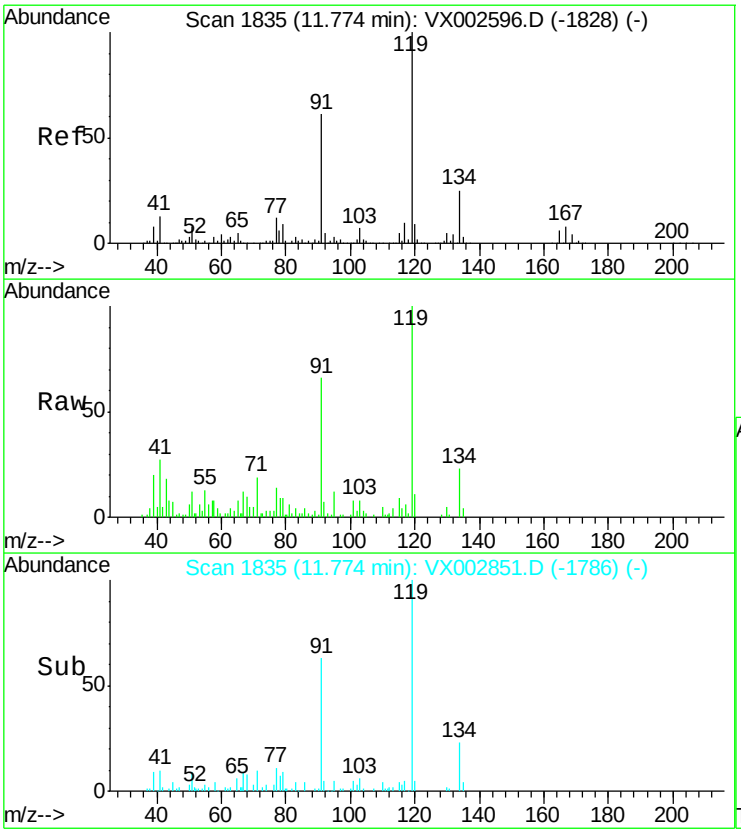

#82
4-Chlorotoluene
Concen: 2.02 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. -0.09 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
S36-0136

Tgt Ion: 91 Resp: 22414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 26.4 | 15.4 | 46.4 |

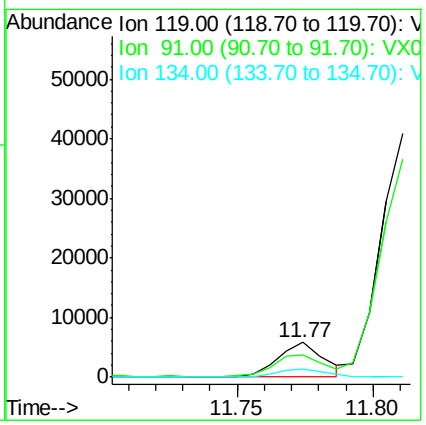


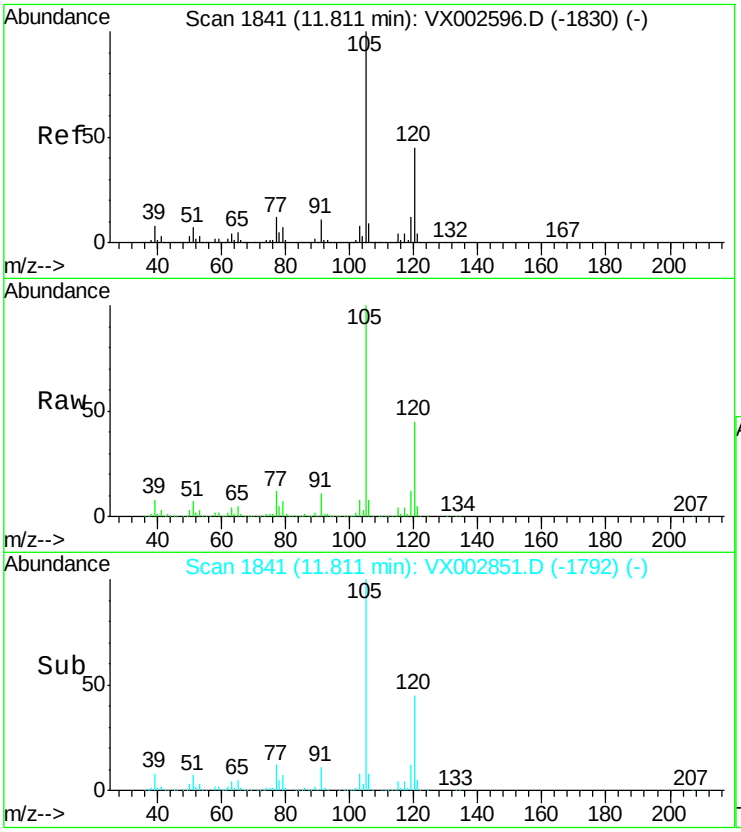




#83
tert-Butylbenzene
Concen: 0.60 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion:119 Resp: 6698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 69.9 | 30.3 | 90.9 |
| 134 | 25.1 | 11.7 | 35.1 |



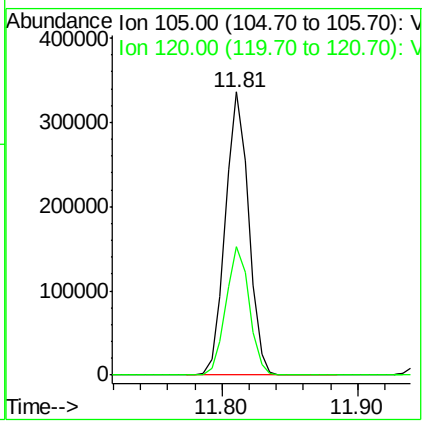


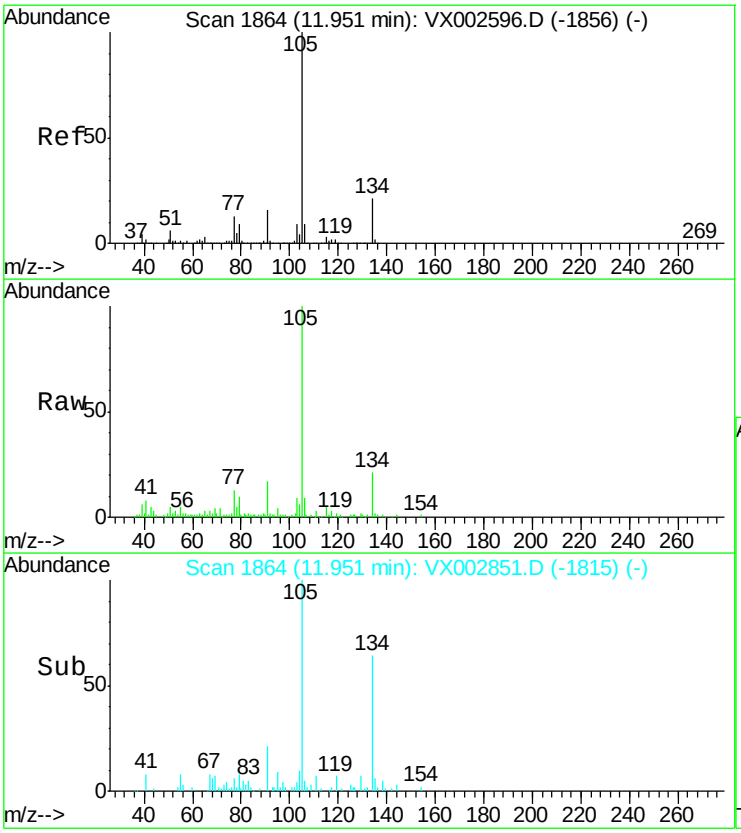

#84
1,2,4-Trimethylbenzene
Concen: 33.58 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
S36-0136

Tgt Ion:105 Resp: 397432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.8 | 22.3 | 66.8 |

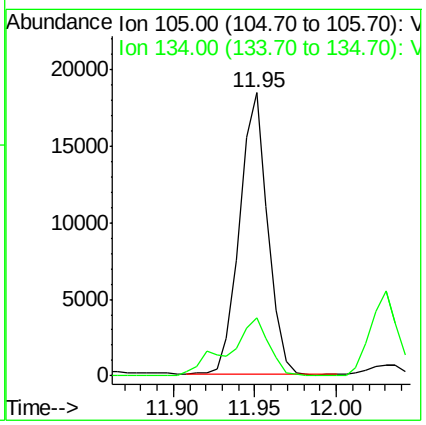


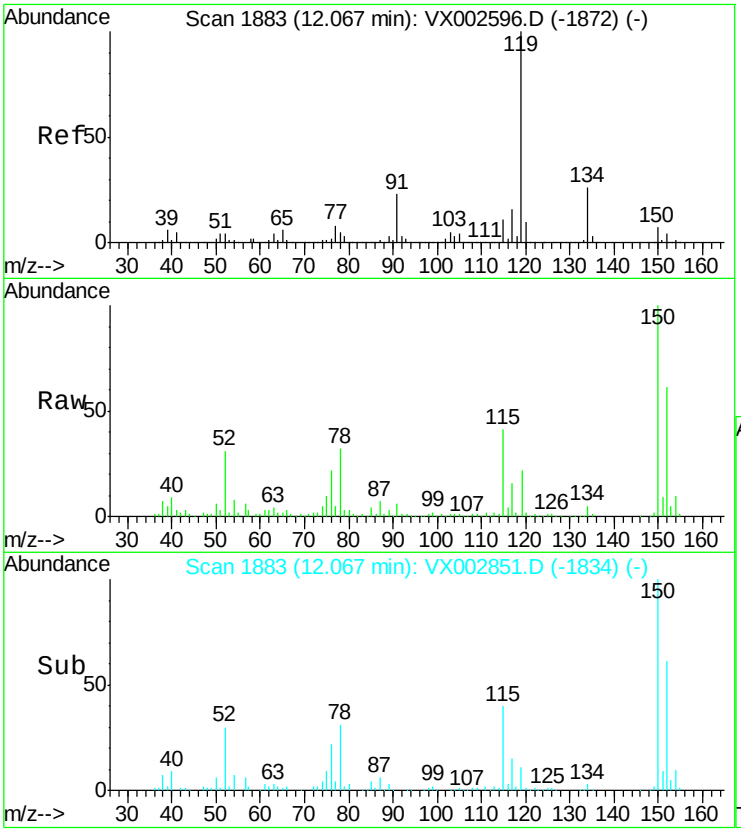




#85
sec-Butylbenzene
Concen: 1.60 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion:105 Resp: 22209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 29.5 | 10.4 | 31.1 |



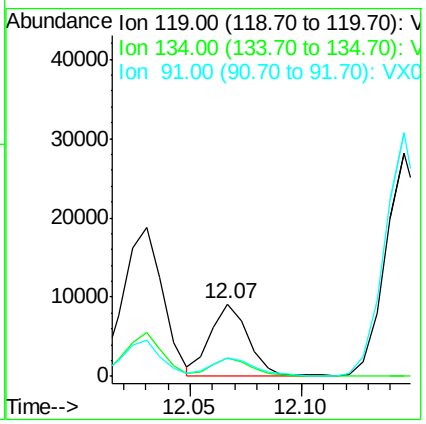


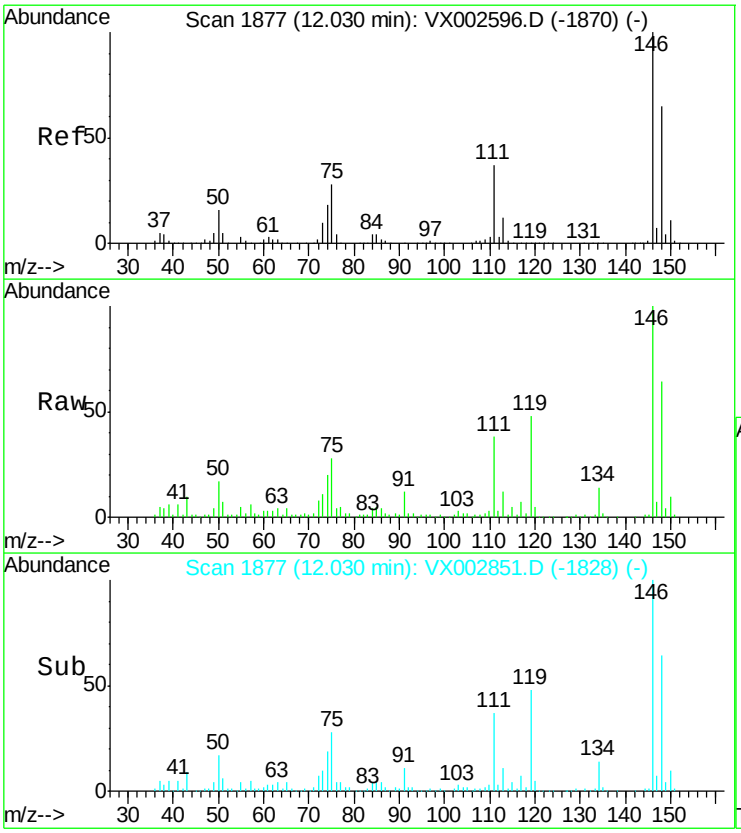

#86
p-Isopropyltoluene
Concen: 0.85 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :** MSVOA_X
**ClientSampleId :** S36-0136

Tgt Ion:119 Resp: 10685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.6 | 13.4 | 40.1 |
| 91 | 28.8 | 11.9 | 35.7 |

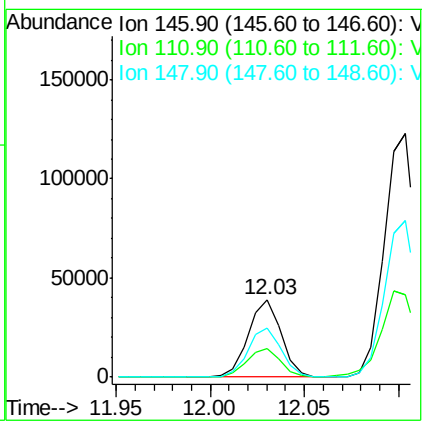


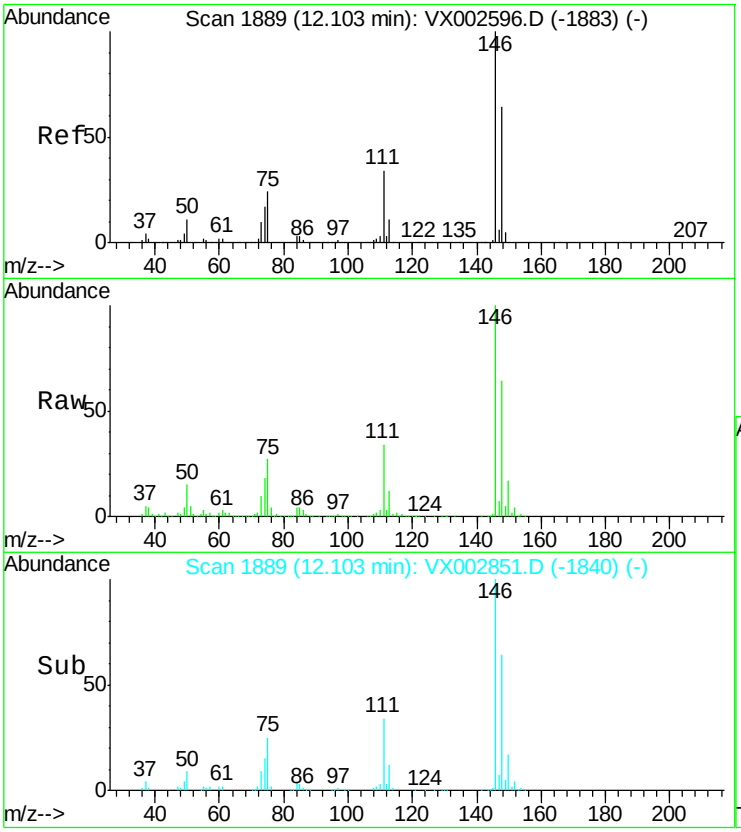




#87
1,3-Dichlorobenzene
Concen: 6.72 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion:146 Resp: 47103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.1 | 18.9 | 56.7 |
| 148 | 64.8 | 32.1 | 96.3 |



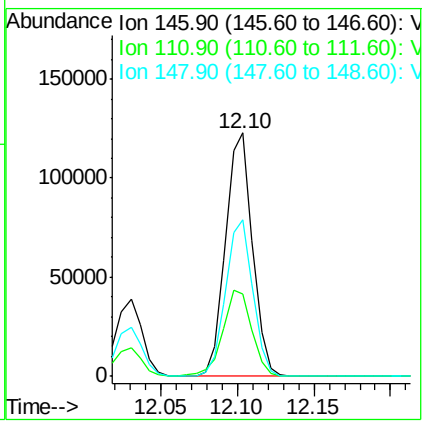


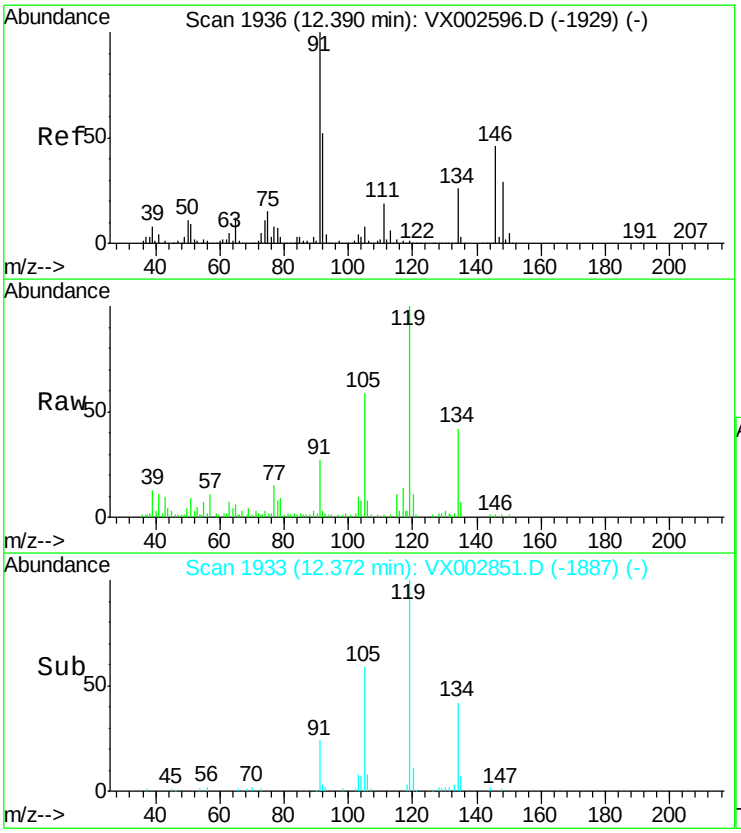

#88
1,4-Dichlorobenzene
Concen: 20.99 ug/l
RT: 12.10 min Scan# 1889
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :** MSVOA_X
**ClientSampleId :** S36-0136

Tgt Ion:146 Resp: 149766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.8 | 18.7 | 56.1 |
| 148 | 64.8 | 32.4 | 97.0 |

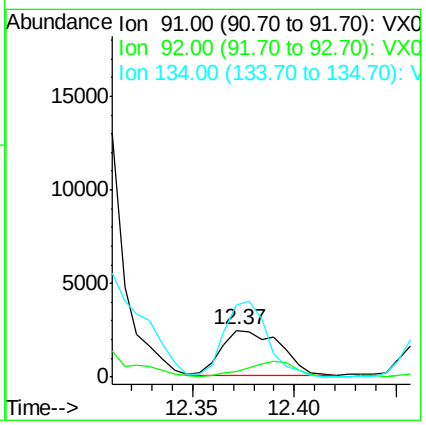


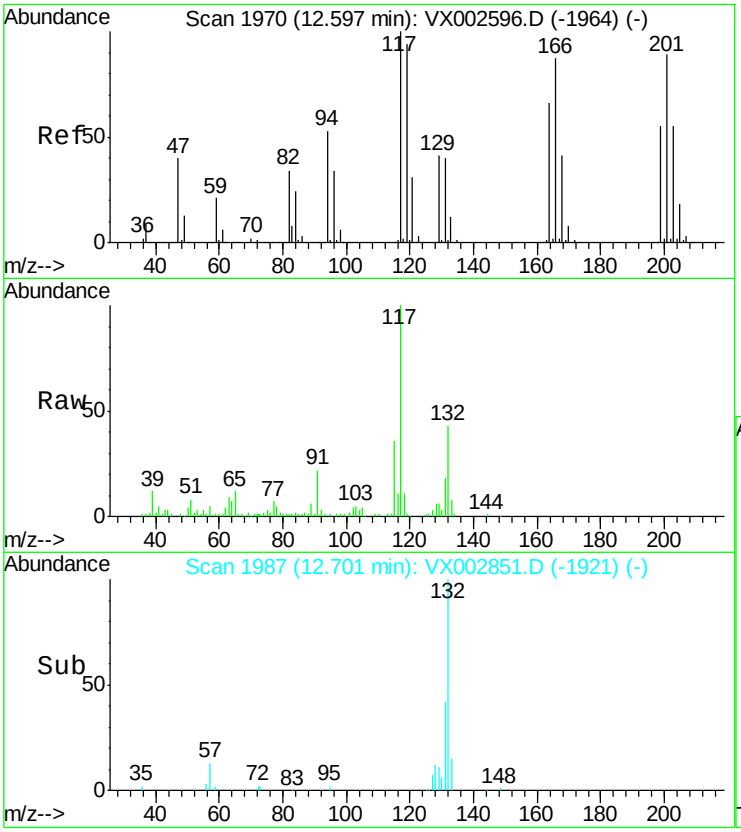




#89
n-Butylbenzene
Concen: 0.43 ug/l
RT: 12.37 min Scan# 1933
Delta R.T. -0.02 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion: 91 Resp: 4754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 30.4 | 26.0 | 78.0 |
| 134 | 125.7 | 13.5 | 40.5# |



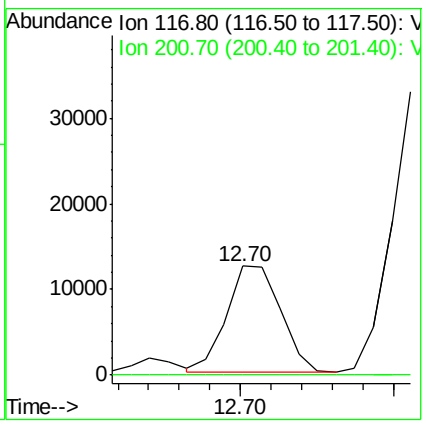


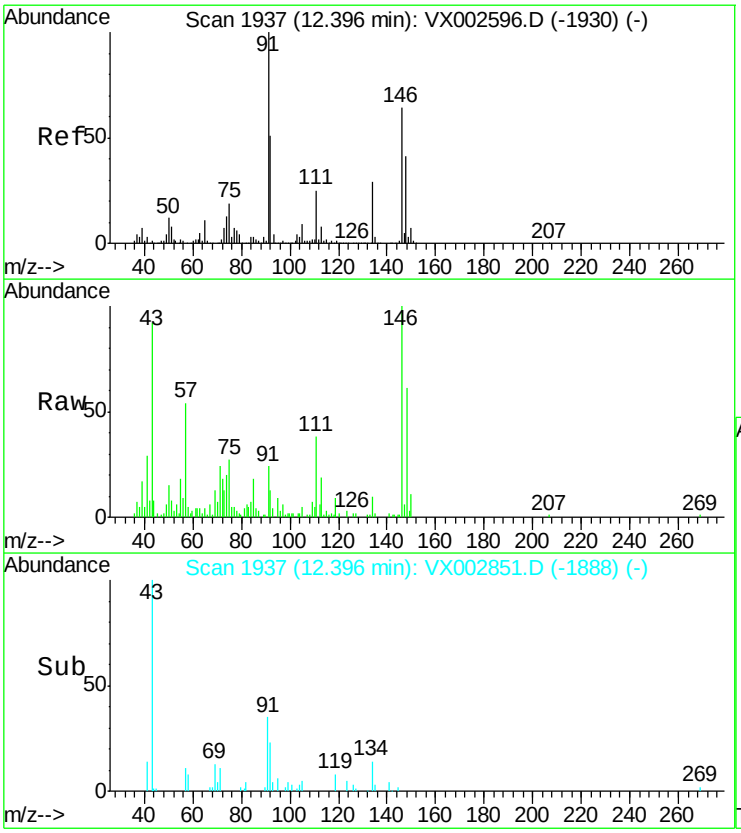

#90
Hexachloroethane
Concen: 10.00 ug/l
RT: 12.70 min Scan# 1987
Delta R.T. 0.10 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :** MSVOA_X
**ClientSampleId :** S36-0136

Tgt Ion:117 Resp: 15245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 49.0 | 147.0# |

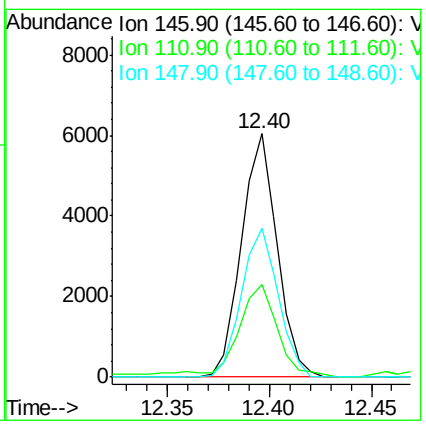


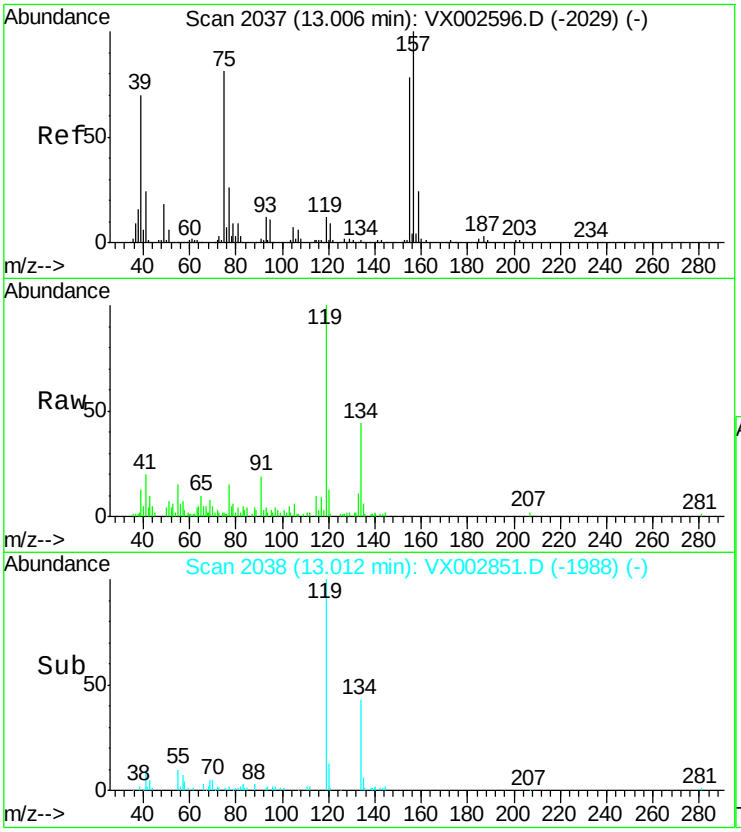




#91
1,2-Dichlorobenzene
Concen: 1.04 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion:146 Resp: 7333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.5 | 19.4 | 58.1 |
| 148 | 63.2 | 31.7 | 95.1 |



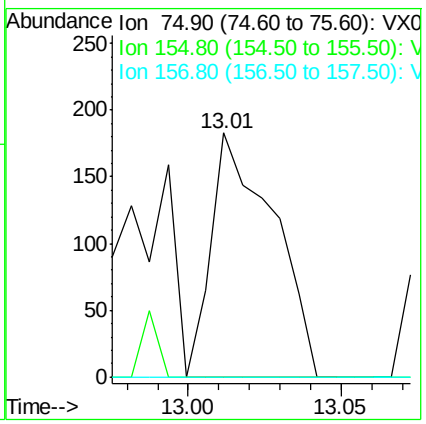


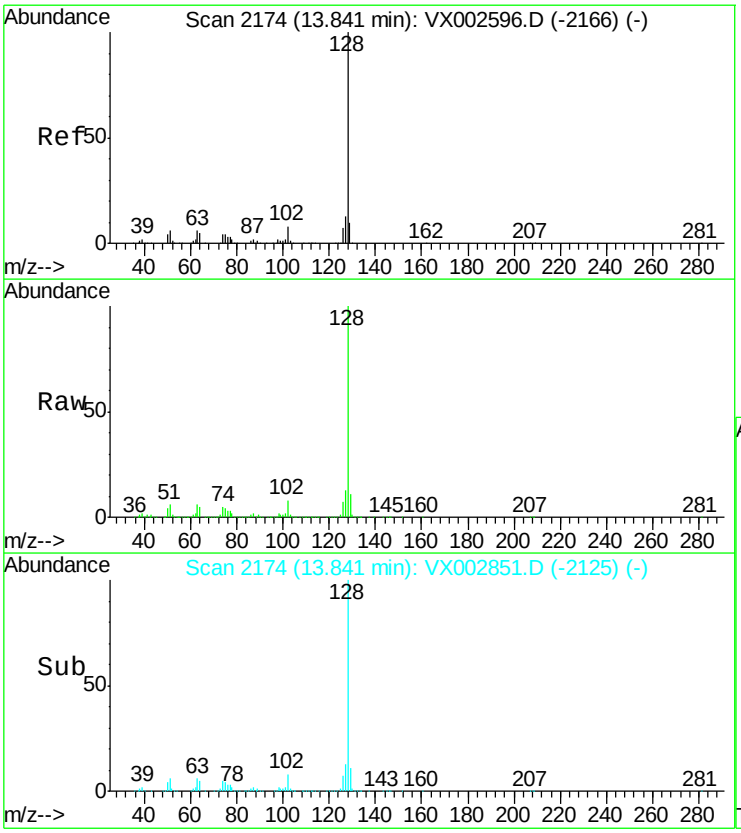

#92
1,2-Dibromo-3-Chloropropane
Concen: 0.31 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. 0.01 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
S36-0136

Tgt Ion: 75 Resp: 259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 0.0 | 45.8 | 137.4# |
| 157 | 0.0 | 60.1 | 180.3# |




#95
Naphthalene
Concen: 12.49 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002851.D
Acq: 23 Jun 2018 00:24

Tgt Ion:128 Resp: 172100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.3 | 10.4 | 15.6 |
| 129 | 11.1 | 8.6 | 13.0 |