Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121718\
Data File : VX006585.D
Acq On : 17 Dec 2018 20:46
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Quant Time: Dec 18 00:43:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 599809 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 930238 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 851853 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 438806 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 295698 | 48.29 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.58% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 279418 | 46.39 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 92.78% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 1003465 | 45.80 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 91.60% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 377085 | 45.68 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 91.36% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 273510 | 46.571 | ug/l | 99 |
| 3) Chloromethane | 1.33 | 50 | 275171 | 45.594 | ug/l | 96 |
| 4) Vinyl Chloride | 1.41 | 62 | 306342 | 47.162 | ug/l | 98 |
| 5) Bromomethane | 1.64 | 94 | 299004 | 66.422 | ug/l | 99 |
| 6) Chloroethane | 1.71 | 64 | 197294 | 49.539 | ug/l | 98 |
| 7) Trichlorofluoromethane | 1.93 | 101 | 492125 | 49.357 | ug/l | 98 |
| 8) Diethyl Ether | 2.19 | 74 | 188294 | 49.898 | ug/l | 92 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 280518 | 49.478 | ug/l | 98 |
| 10) Methyl Iodide | 2.51 | 142 | 434553 | 50.859 | ug/l | 99 |
| 11) Tert butyl alcohol | 3.08 | 59 | 362562 | 216.516 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 269281 | 49.615 | ug/l | 94 |
| 13) Acrolein | 2.30 | 56 | 316506 | 345.819 | ug/l | 100 |
| 14) Allyl chloride | 2.73 | 41 | 459524 | 42.861 | ug/l | 98 |
| 15) Acrylonitrile | 3.15 | 53 | 840835 | 240.628 | ug/l | 99 |
| 16) Acetone | 2.45 | 43 | 683571 | 237.886 | ug/l | 97 |
| 17) Carbon Disulfide | 2.57 | 76 | 686431 | 41.044 | ug/l | 100 |
| 18) Methyl Acetate | 2.78 | 43 | 480856 | 50.039 | ug/l | 95 |
| 19) Methyl tert-butyl Ether | 3.20 | 73 | 947451 | 48.934 | ug/l | 99 |
| 20) Methylene Chloride | 2.85 | 84 | 301661 | 49.327 | ug/l | 94 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 288367 | 49.857 | ug/l | 93 |
| 22) Diisopropyl ether | 3.87 | 45 | 857517 | 51.206 | ug/l | 99 |
| 23) Vinyl Acetate | 3.82 | 43 | 3441089 | 240.919 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 3.70 | 63 | 488529 | 51.038 | ug/l | 99 |
| 25) 2-Butanone | 4.70 | 43 | 1030373 | 251.304 | ug/l | 98 |
| 26) 2,2-Dichloropropane | 4.59 | 77 | 330713 | 37.438 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 337815 | 52.362 | ug/l | 96 |
| 28) Bromochloromethane | 5.02 | 49 | 207522 | 49.636 | ug/l | 98 |
| 29) Tetrahydrofuran | 5.15 | 42 | 707440 | 248.262 | ug/l | 98 |
| 30) Chloroform | 5.21 | 83 | 529895 | 52.680 | ug/l | 98 |
| 31) Cyclohexane | 5.57 | 56 | 440637 | 49.813 | ug/l | 99 |
| 32) 1,1,1-Trichloroethane | 5.49 | 97 | 456244 | 47.672 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.80 | 75 | 383561 | 48.964 | ug/l | 99 |
| 37) Ethyl Acetate | 4.86 | 43 | 405722 | 46.249 | ug/l | 98 |
| 38) Carbon Tetrachloride | 5.78 | 117 | 385930 | 41.878 | ug/l | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121718\
Data File : VX006585.D
Acq On : 17 Dec 2018 20:46
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Quant Time: Dec 18 00:43:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.46 | 83 | 492061 | 48.392 | ug/l | | 97 |
| 40) Benzene | 6.14 | 78 | 1188812 | 50.669 | ug/l | | 99 |
| 41) Methacrylonitrile | 5.06 | 41 | 224338 | 46.474 | ug/l | | 98 |
| 42) 1,2-Dichloroethane | 6.20 | 62 | 397908 | 51.819 | ug/l | | 100 |
| 43) Isopropyl Acetate | 6.46 | 43 | 653179 | 44.658 | ug/l | | 99 |
| 44) Trichloroethene | 7.21 | 130 | 358107 | 50.383 | ug/l | | 97 |
| 45) 1,2-Dichloropropane | 7.51 | 63 | 294618 | 49.408 | ug/l | | 99 |
| 46) Dibromomethane | 7.66 | 93 | 213356 | 49.542 | ug/l | | 96 |
| 47) Bromodichloromethane | 7.90 | 83 | 372087 | 44.616 | ug/l | | 99 |
| 48) Methyl methacrylate | 7.77 | 41 | 331917 | 46.647 | ug/l | | 98 |
| 49) 1,4-Dioxane | 7.75 | 88 | 160986 | 917.960 | ug/l | | 98 |
| 51) 4-Methyl-2-Pentanone | 8.65 | 43 | 2046715 | 240.375 | ug/l | | 99 |
| 52) Toluene | 8.79 | 92 | 778580 | 50.440 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 402508 | 41.268 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.43 | 75 | 448368 | 44.271 | ug/l | | 97 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 323485 | 51.585 | ug/l | | 100 |
| 56) Ethyl methacrylate | 9.18 | 69 | 457350 | 46.652 | ug/l | | 99 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 513495 | 51.784 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.31 | 63 | 1096153 | 220.344 | ug/l | | 100 |
| 59) 2-Hexanone | 9.49 | 43 | 1520686 | 233.764 | ug/l | | 99 |
| 60) Dibromochloromethane | 9.59 | 129 | 318686 | 41.214 | ug/l | | 100 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 349299 | 49.816 | ug/l | | 100 |
| 64) Tetrachloroethene | 9.34 | 164 | 334807 | 52.189 | ug/l | | 97 |
| 65) Chlorobenzene | 10.14 | 112 | 911546 | 50.409 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.22 | 131 | 305747 | 43.517 | ug/l | | 99 |
| 67) Ethyl Benzene | 10.25 | 91 | 1502776 | 49.967 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.36 | 106 | 1192642 | 98.996 | ug/l | | 99 |
| 69) o-Xylene | 10.70 | 106 | 587436 | 49.364 | ug/l | | 99 |
| 70) Styrene | 10.71 | 104 | 948473 | 49.280 | ug/l | | 99 |
| 71) Bromoform | 10.86 | 173 | 235987 | 35.581 | ug/l | | 99 |
| 73) Isopropylbenzene | 11.02 | 105 | 1553026 | 51.249 | ug/l | | 99 |
| 74) N-amyl acetate | 10.90 | 43 | 555539 | 42.572 | ug/l | | 97 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 463102 | 47.769 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 11.29 | 75 | 512758 | 60.541 | ug/l | | 87 |
| 77) Bromobenzene | 11.26 | 156 | 411668 | 48.951 | ug/l | | 98 |
| 78) n-propylbenzene | 11.36 | 91 | 1708441 | 50.718 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 1001942 | 50.044 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 1274850 | 50.563 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 114029 | 31.594 | ug/l | # | 82 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 1155810 | 49.653 | ug/l | | 100 |
| 83) tert-Butylbenzene | 11.77 | 119 | 1308041 | 48.623 | ug/l | | 97 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 1309298 | 50.290 | ug/l | | 100 |
| 85) sec-Butylbenzene | 11.94 | 105 | 1560253 | 50.981 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 12.07 | 119 | 1382862 | 50.180 | ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 741091 | 49.525 | ug/l | | 100 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 738713 | 48.638 | ug/l | | 100 |
| 89) n-Butylbenzene | 12.38 | 91 | 1166598 | 49.613 | ug/l | | 99 |
| 90) Hexachloroethane | 12.60 | 117 | 200815 | 35.754 | ug/l | | 93 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 725991 | 48.884 | ug/l | | 100 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75 | 97344 | 39.170 | ug/l | | 94 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121718\
Data File : VX006585.D
Acq On : 17 Dec 2018 20:46
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Quant Time: Dec 18 00:43:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 513515 | 47.395 | ug/l | 99 |
| 94) Hexachlorobutadiene | 13.78 | 225 | 230296 | 48.062 | ug/l | 99 |
| 95) Naphthalene | 13.83 | 128 | 1644750 | 48.801 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 521891 | 48.631 | ug/l | 98 |

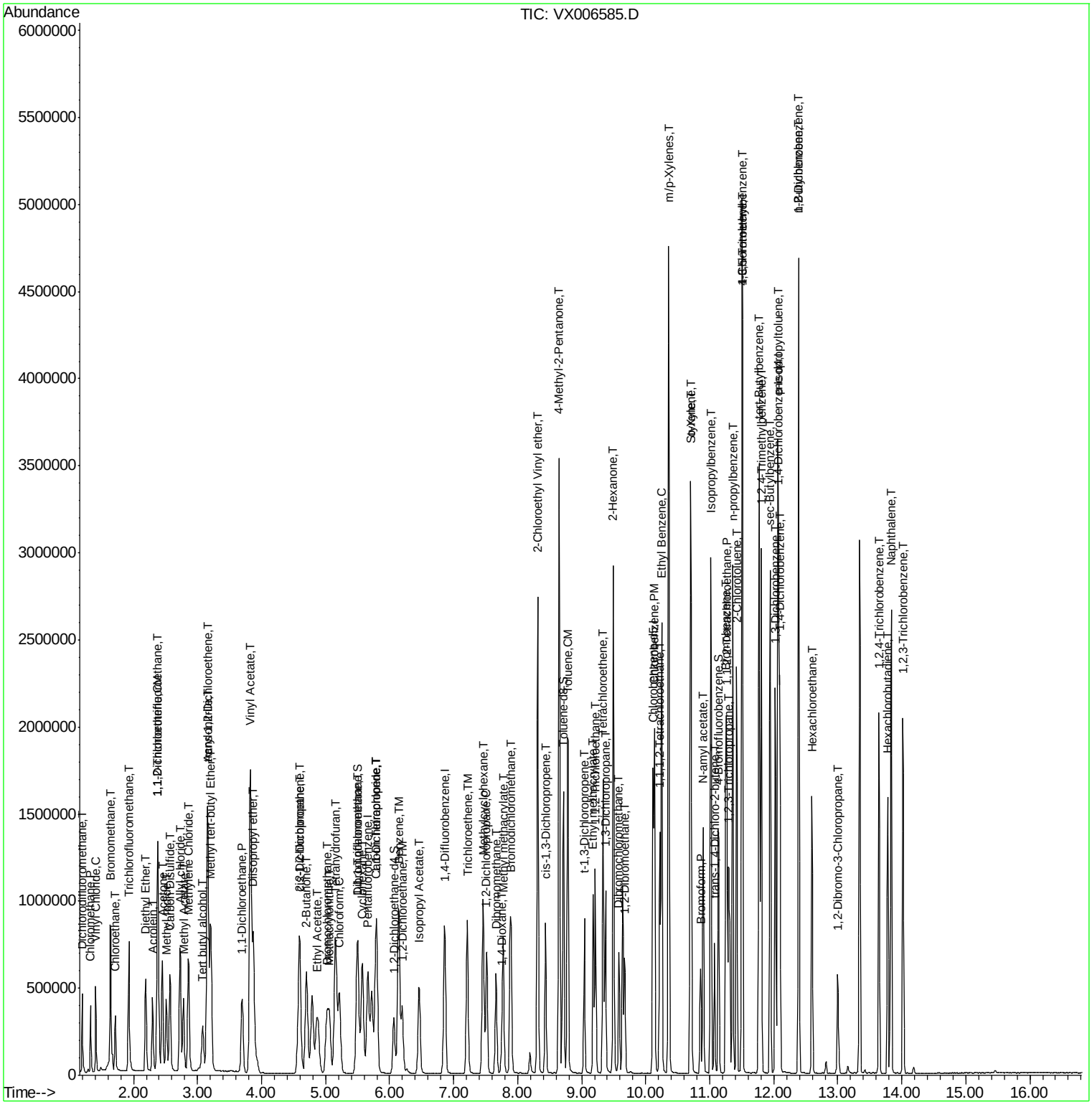
(#) = qualifier out of range (m) = manual integration (+) = signals summed

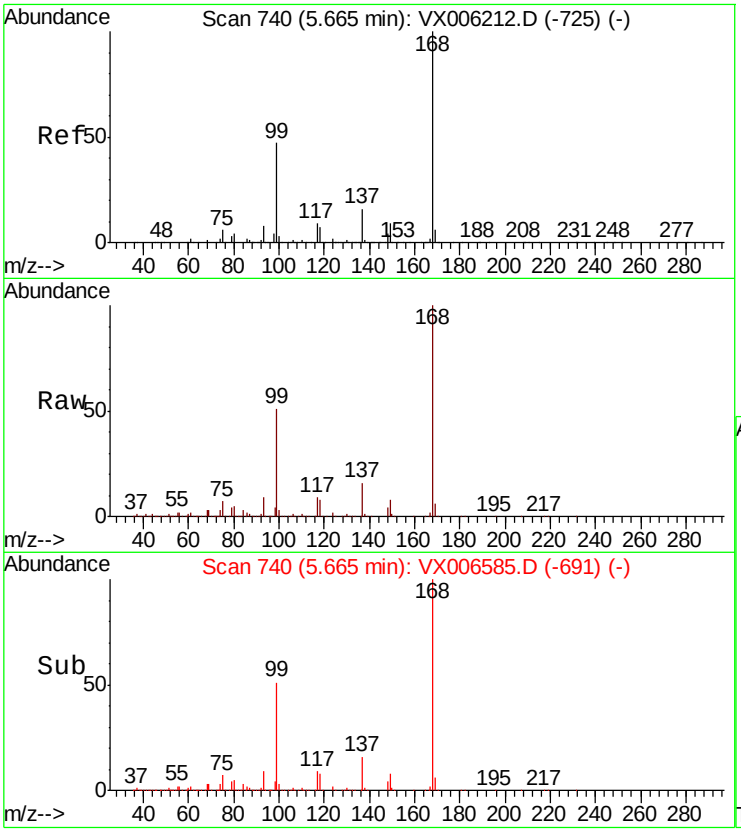
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121718\
Data File : VX006585.D
Acq On : 17 Dec 2018 20:46
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Quant Time: Dec 18 00:43:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration



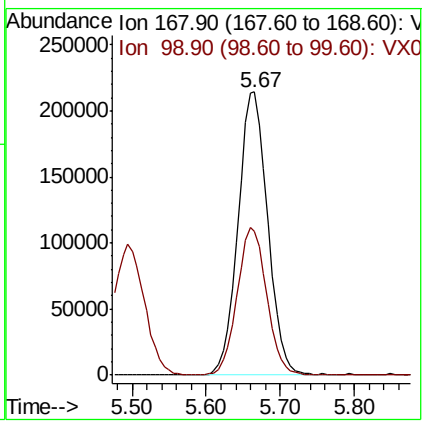


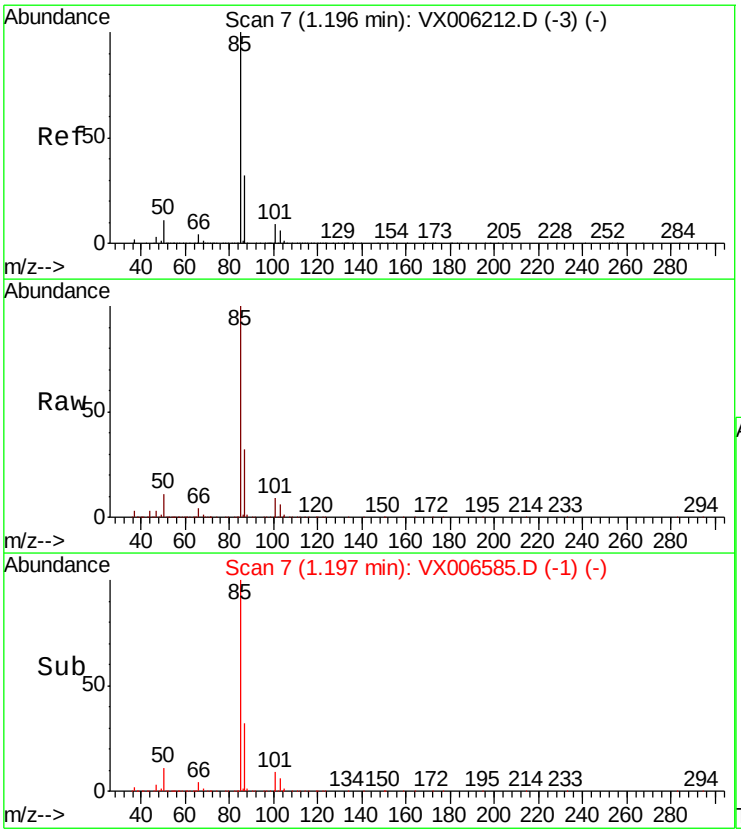

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:168 Resp: 599809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 50.7 | 37.8 | 56.8 |

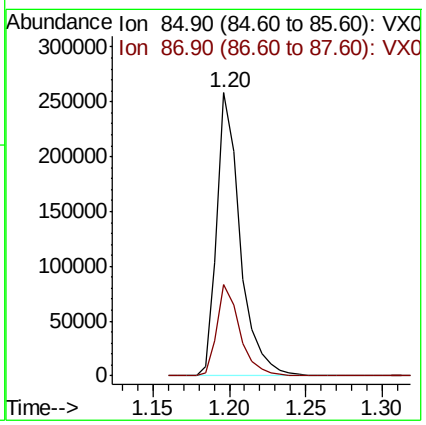


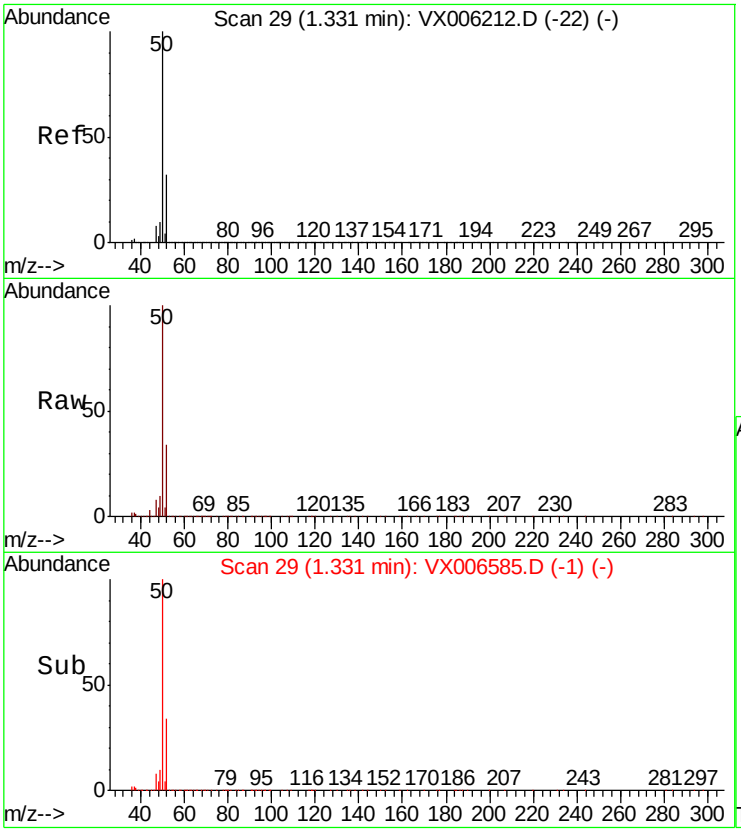




#2
Dichlorodifluoromethane
Concen: 46.571 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 85 Resp: 273510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.4 | 16.1 | 48.2 |



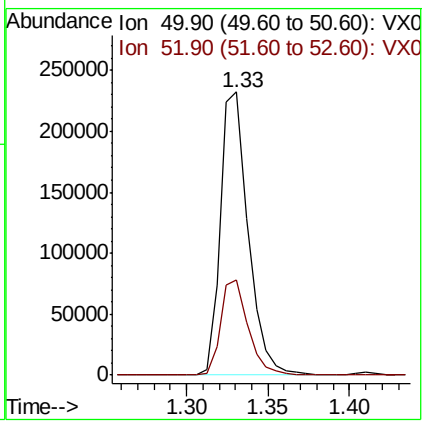


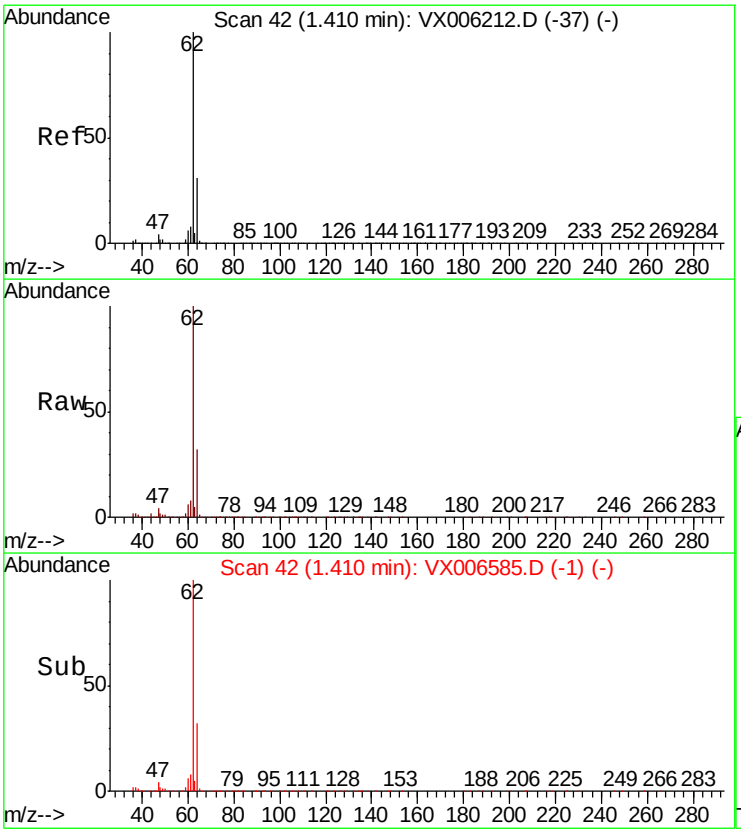

#3
Chloromethane
Concen: 45.594 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 50 Resp: 275171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.7 | 25.2 | 37.8 |

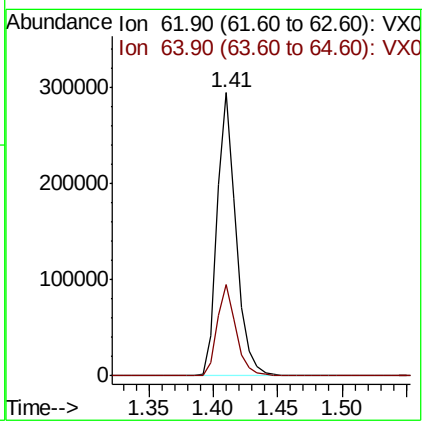


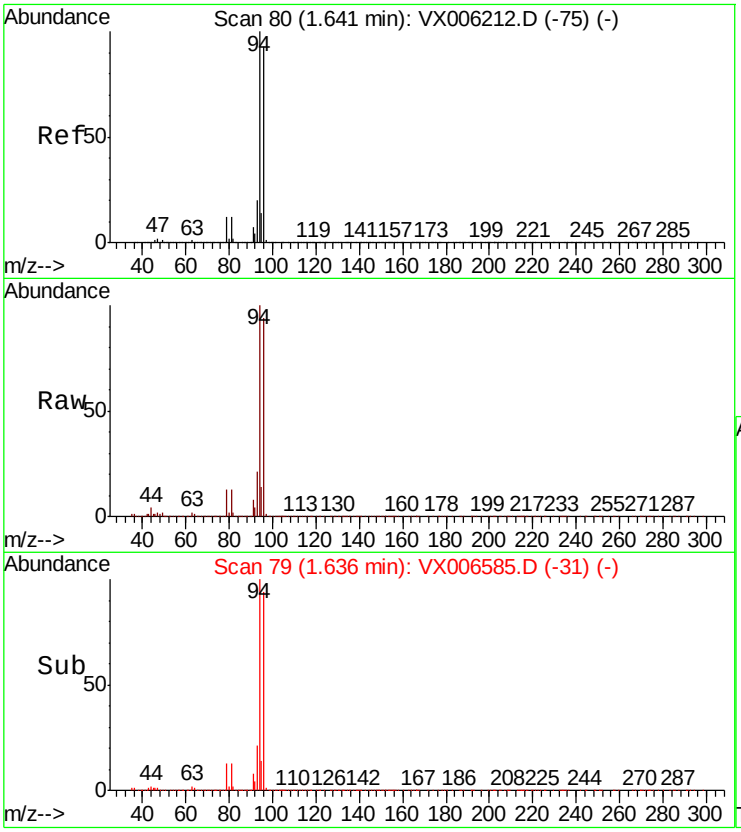




#4
Vinyl Chloride
Concen: 47.162 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 62 Resp: 306342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.4 | 24.9 | 37.3 |



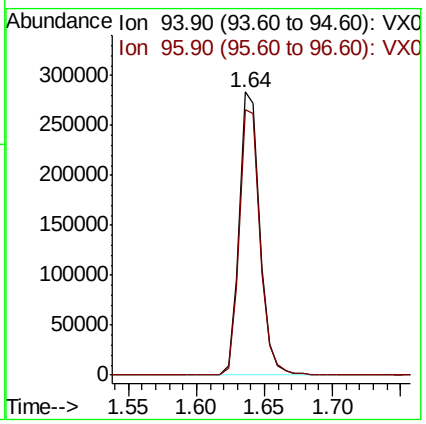


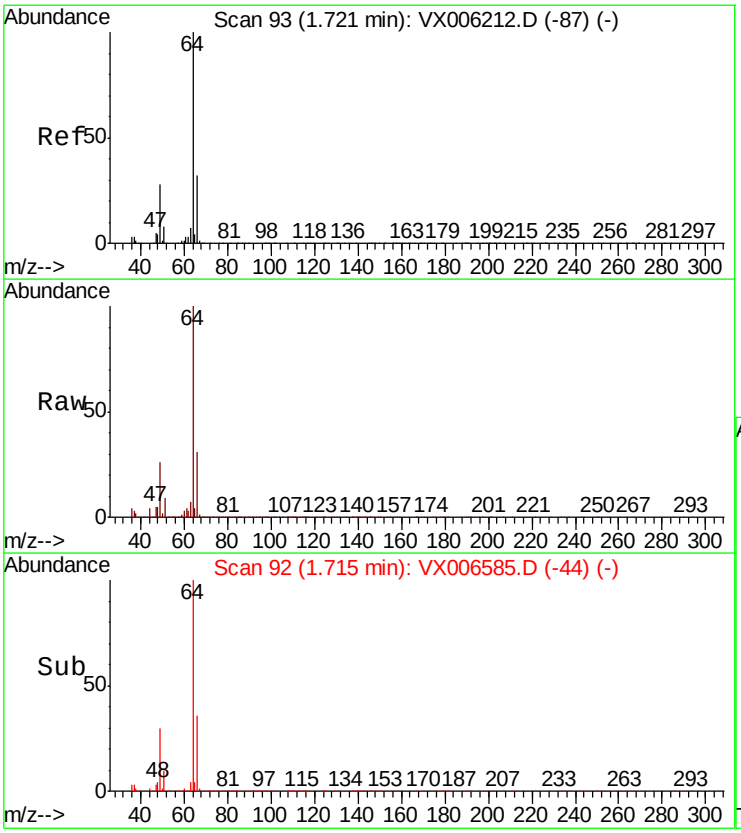

#5
Bromomethane
Concen: 66.422 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.01 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 94 Resp: 299004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.0 | 74.5 | 111.7 |

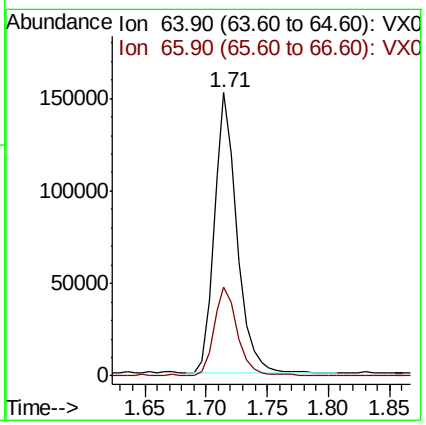


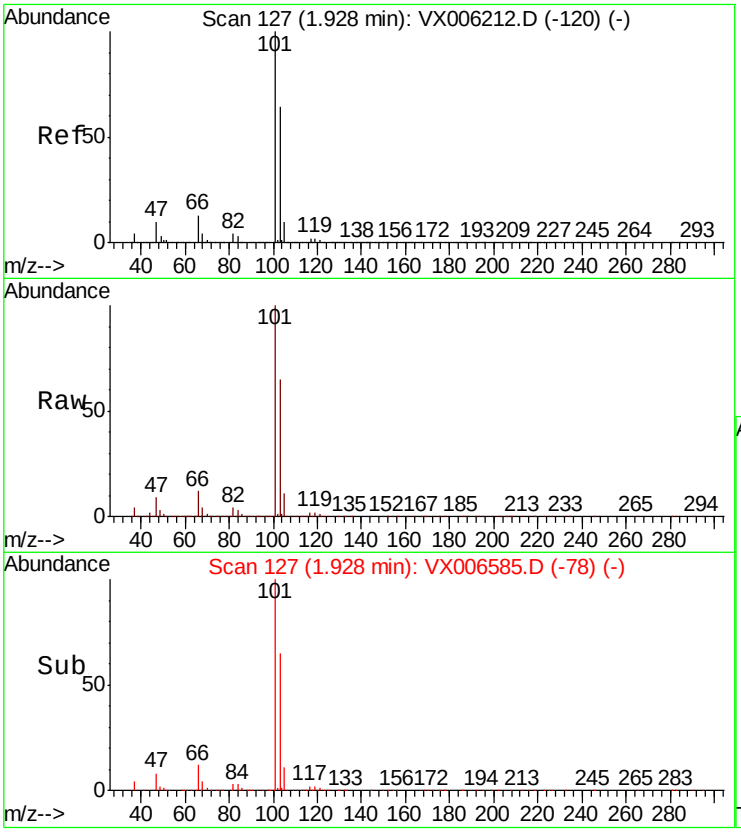




#6
Chloroethane
Concen: 49.539 ug/l
RT: 1.71 min Scan# 92
Delta R.T. -0.01 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 64 Resp: 197294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.3 | 25.9 | 38.9 |



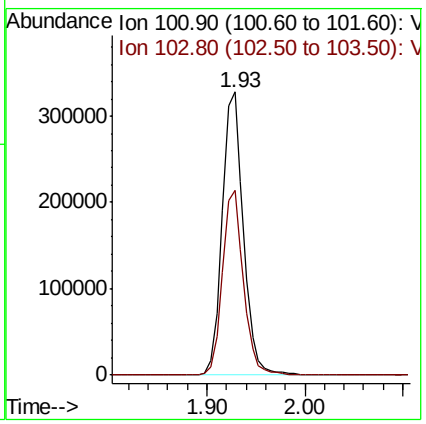


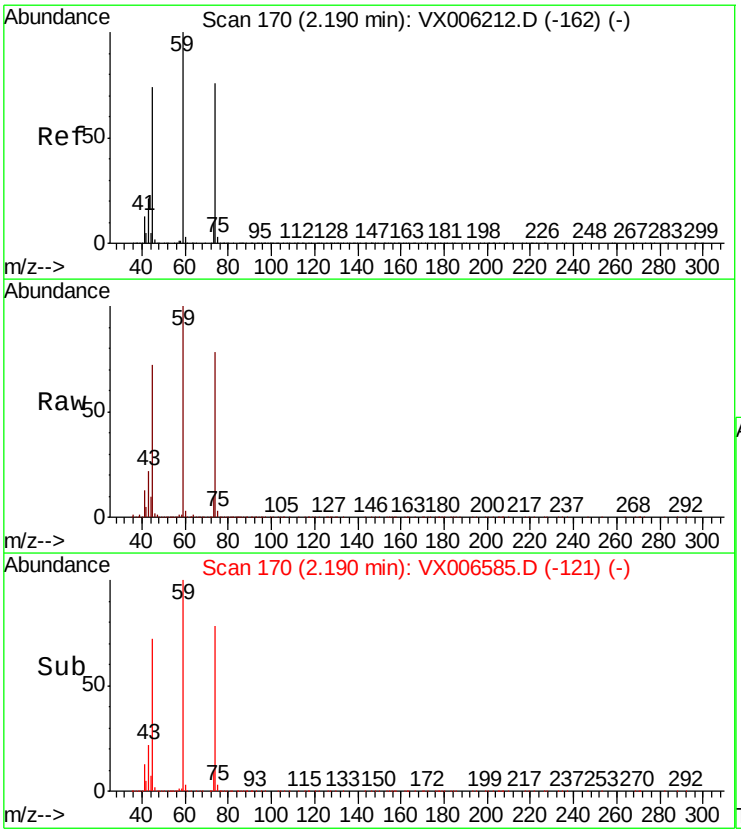

#7
Trichlorofluoromethane
Concen: 49.357 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:101 Resp: 492125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.3 | 51.0 | 76.4 |

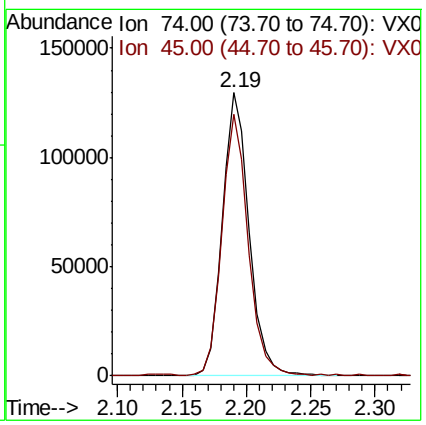


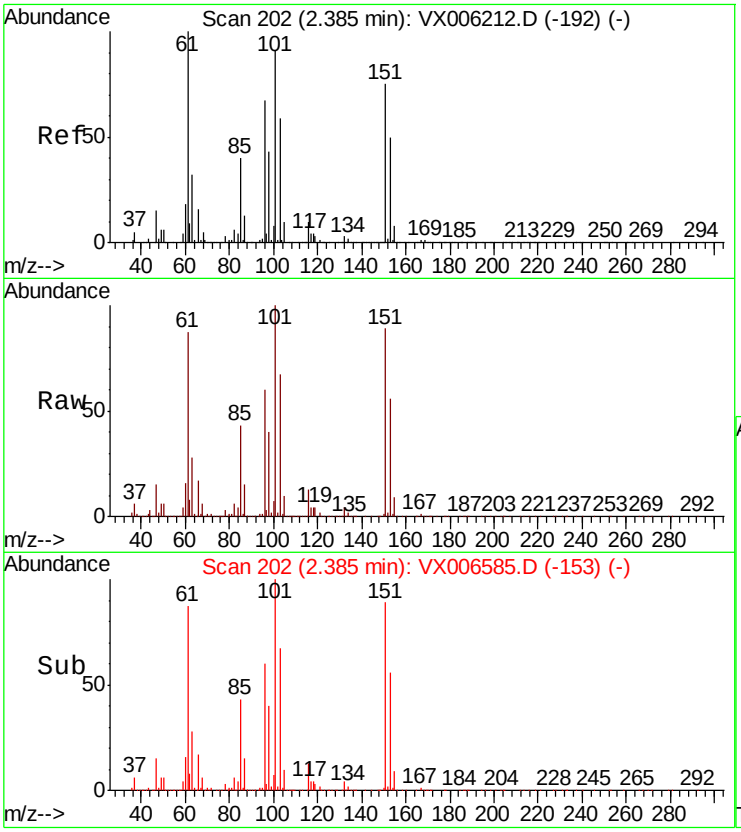




#8
Diethyl Ether
Concen: 49.898 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 74 Resp: 188294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 91.1 | 49.5 | 148.7 |



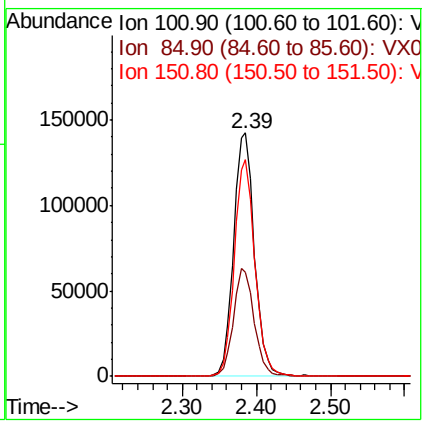


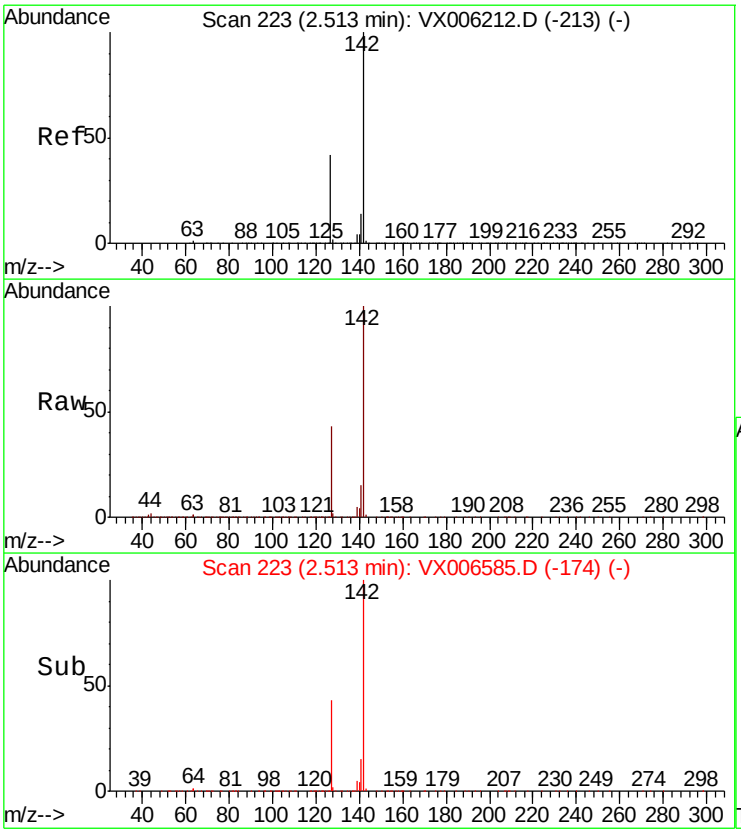

#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.478 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:101 Resp: 280518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.1 | 35.5 | 53.3 |
| 151 | 87.7 | 68.6 | 103.0 |

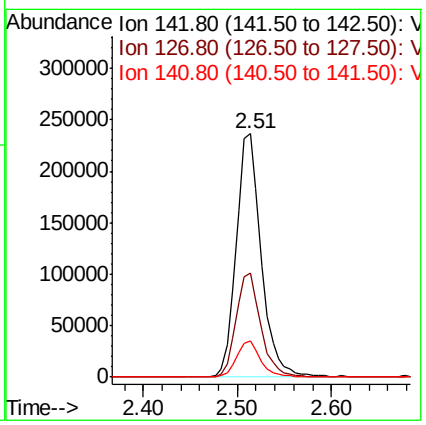


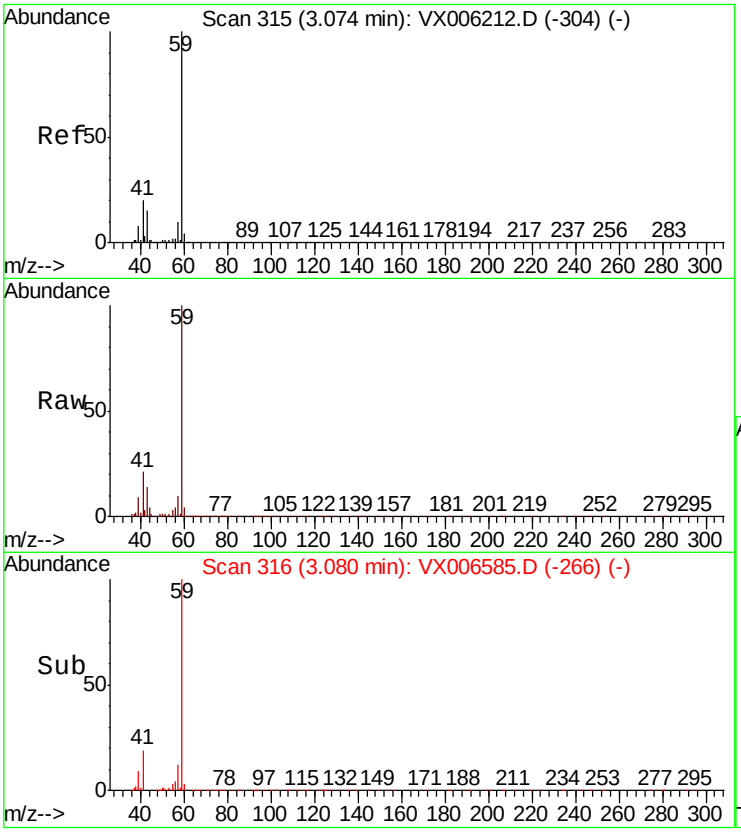




#10
Methyl Iodide
Concen: 50.859 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion:142 Resp: 434553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 42.5 | 34.8 | 52.2 |
| 141 | 14.5 | 11.4 | 17.2 |



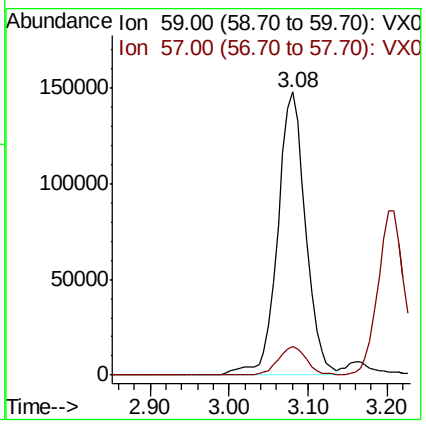


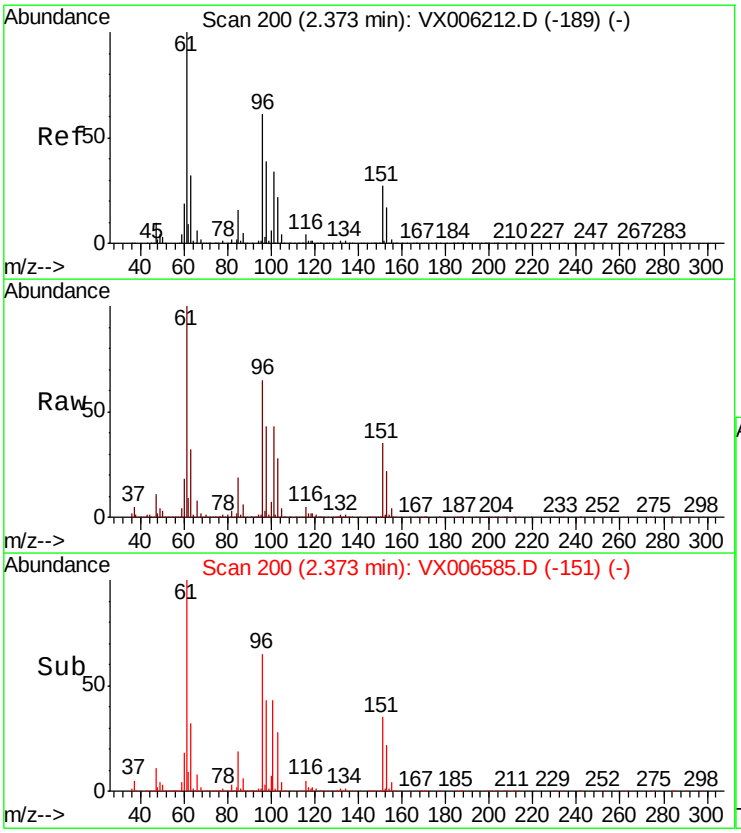

#11
Tert butyl alcohol
Concen: 216.516 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 59 Resp: 362562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.0 | 8.2 | 12.2 |

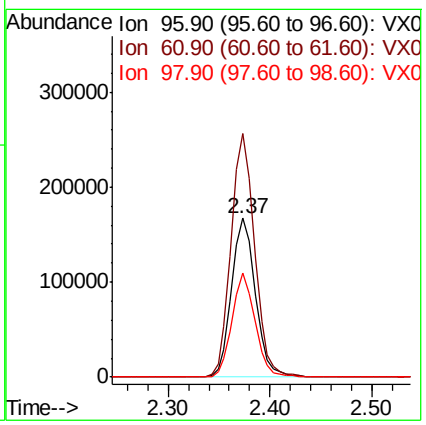


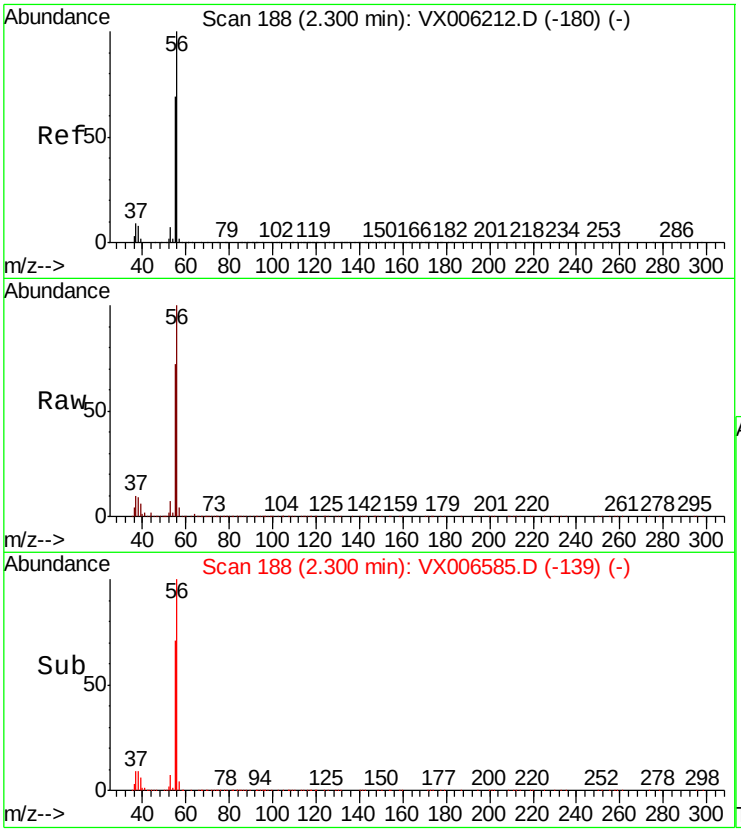




#12
1,1-Dichloroethene
Concen: 49.615 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 96 Resp: 269281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 153.0 | 131.7 | 197.5 |
| 98 | 65.2 | 51.8 | 77.6 |



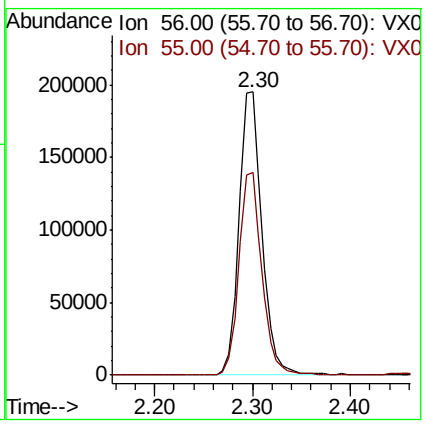


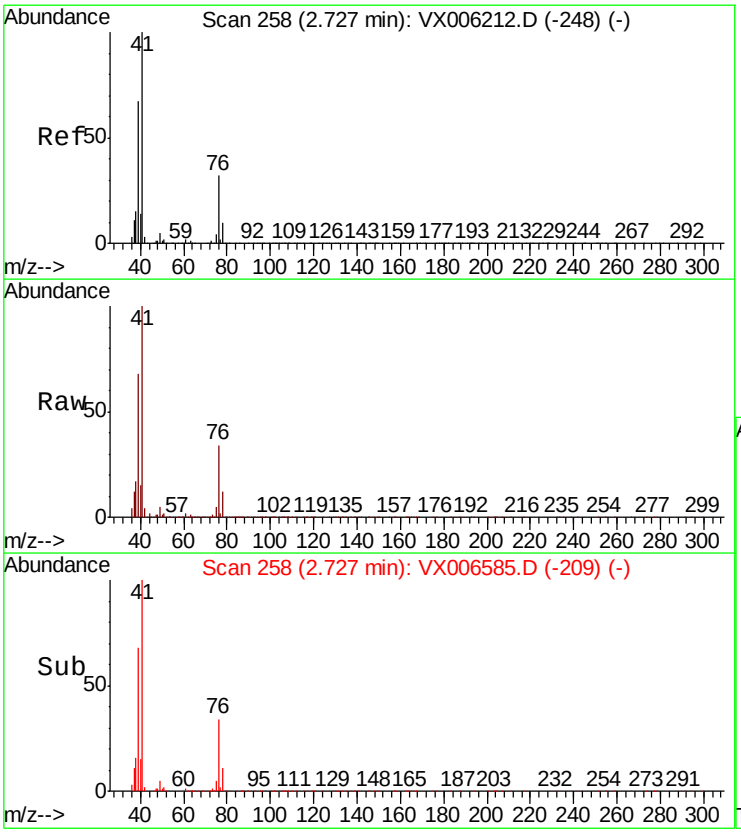

#13
Acrolein
Concen: 345.819 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 56 Resp: 316506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.9 | 57.8 | 86.6 |

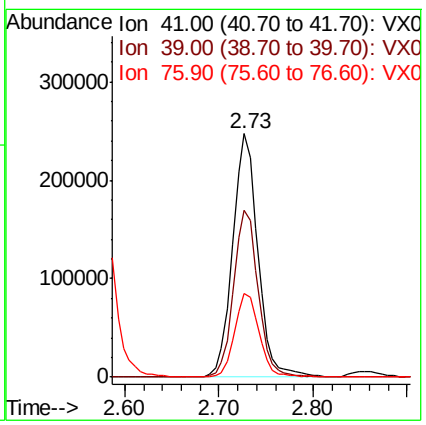


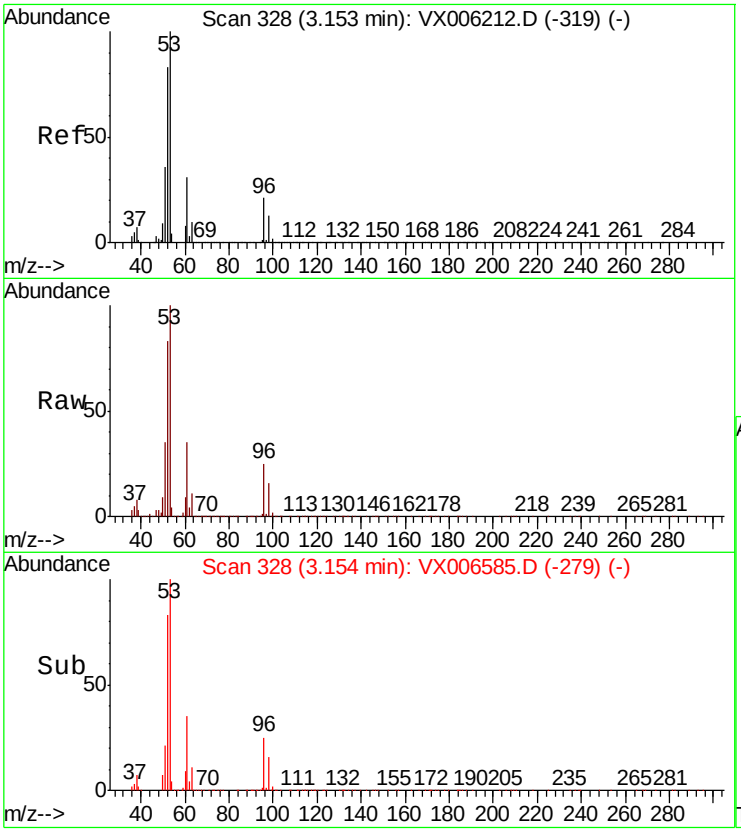




#14
Allyl chloride
Concen: 42.861 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 41 Resp: 459524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 66.6 | 52.4 | 78.6 |
| 76 | 33.3 | 25.4 | 38.0 |



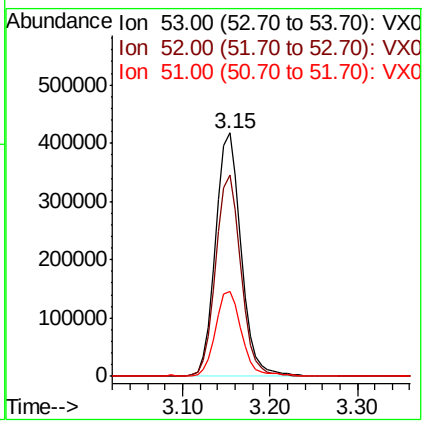


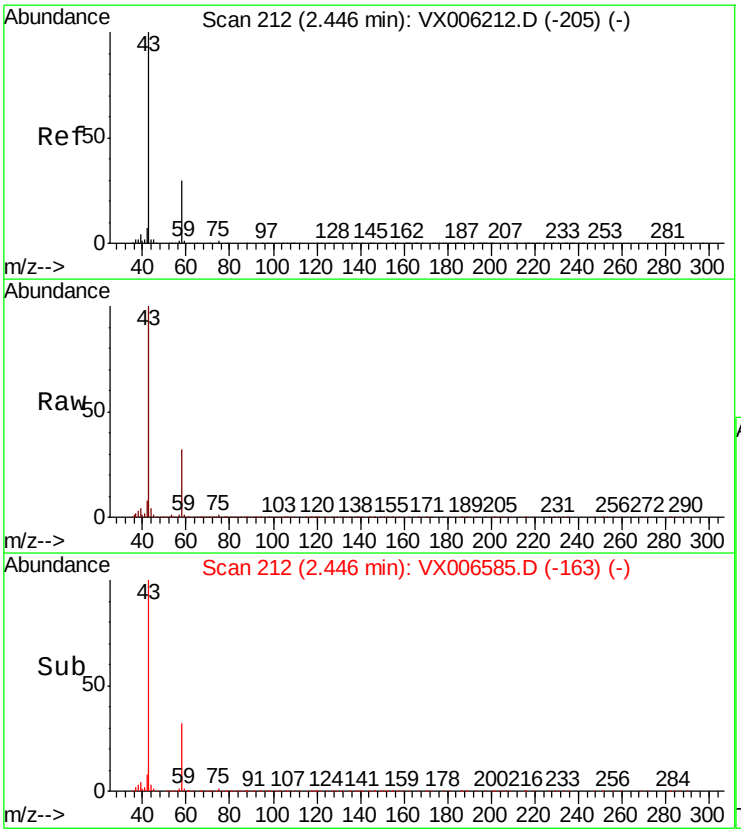

#15
Acrylonitrile
Concen: 240.628 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 53 Resp: 840835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.0 | 66.2 | 99.4 |
| 51 | 35.8 | 28.7 | 43.1 |

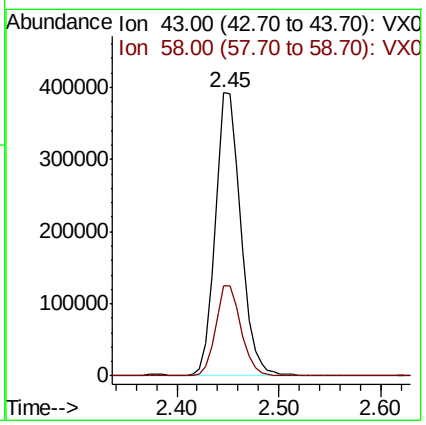


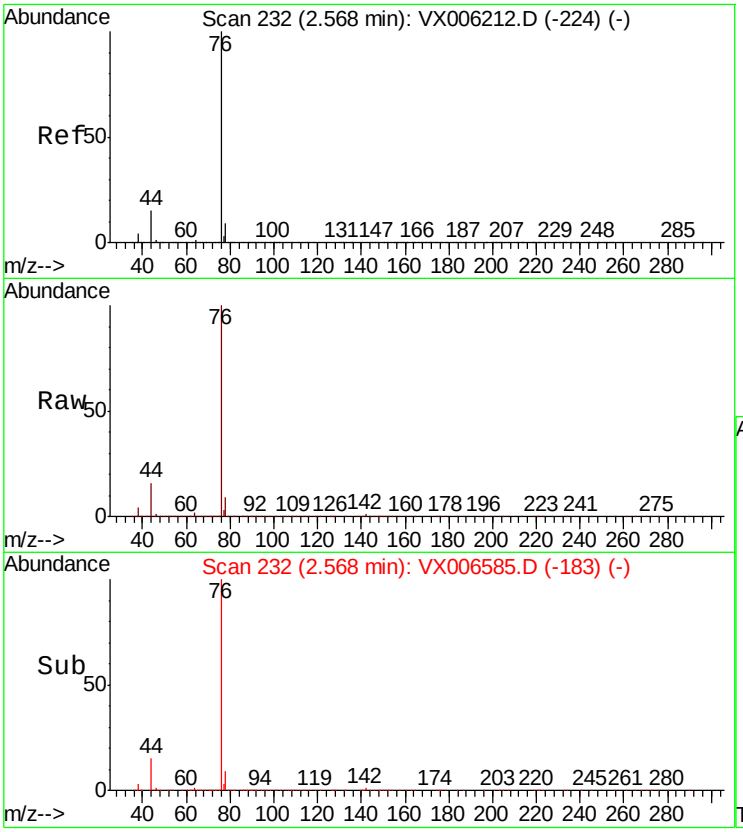




#16
Acetone
Concen: 237.886 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 43 Resp: 683571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.6 | 24.0 | 36.0 |



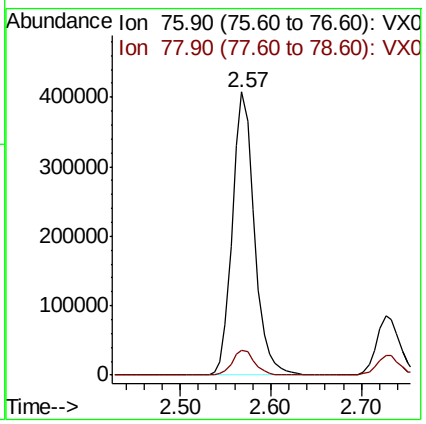


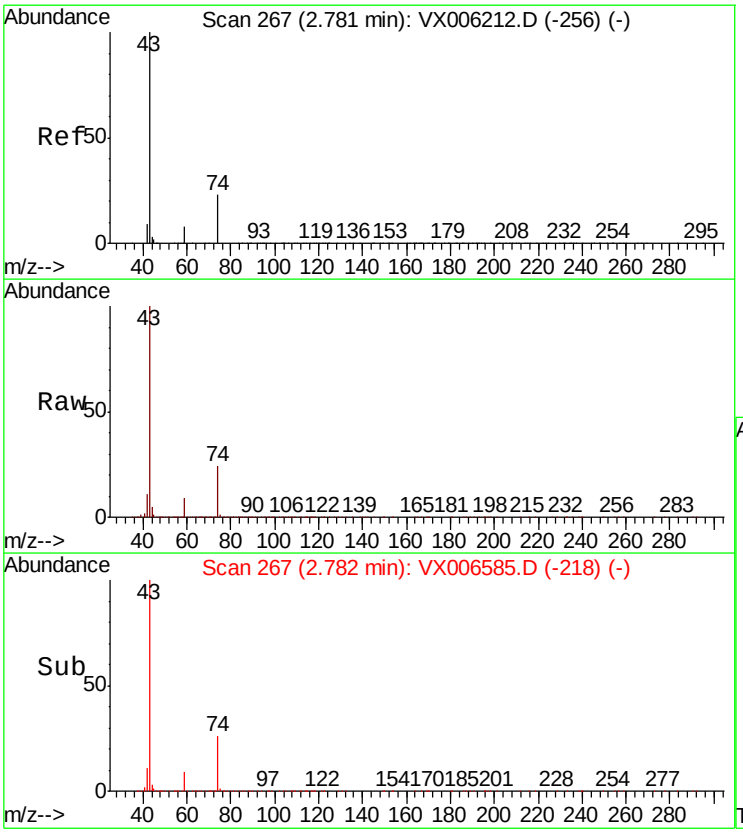

#17
Carbon Disulfide
Concen: 41.044 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 76 Resp: 686431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.9 | 7.1 | 10.7 |

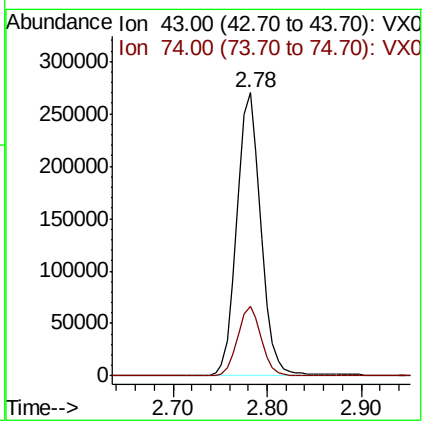


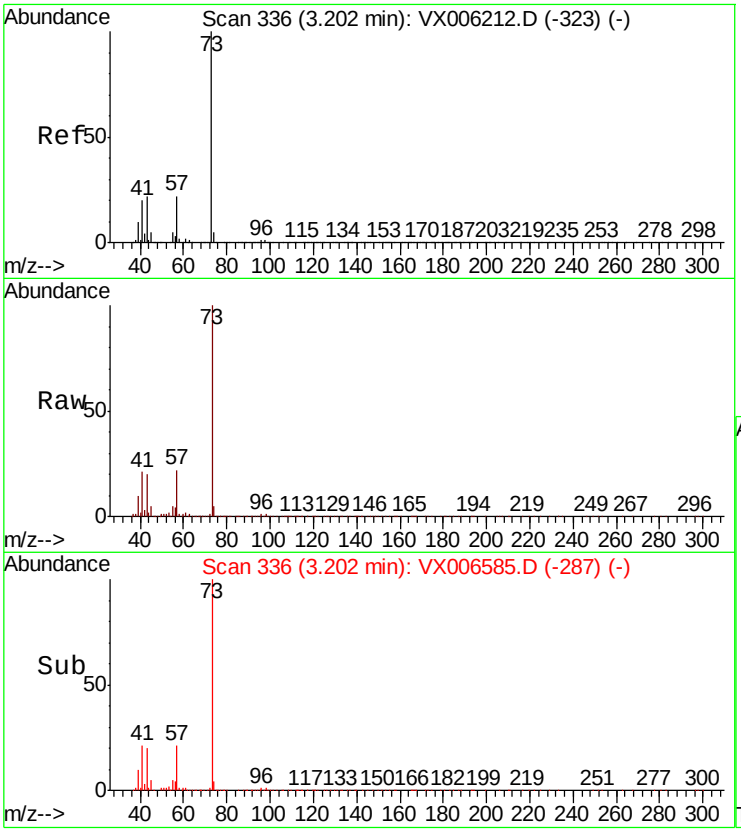




#18
Methyl Acetate
Concen: 50.039 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 43 Resp: 480856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.6 | 17.9 | 26.9 |



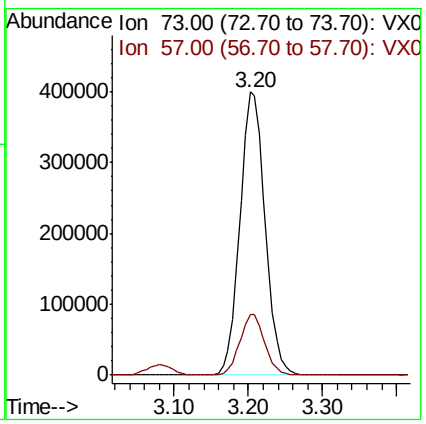


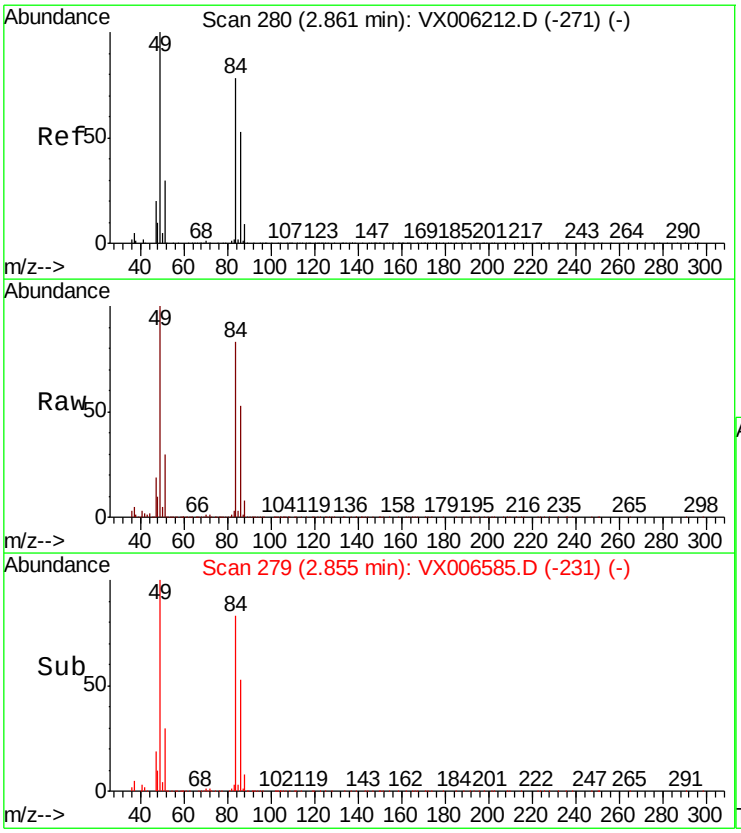

#19
Methyl tert-butyl Ether
Concen: 48.934 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 73 Resp: 947451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 21.4 | 17.5 | 26.3 |

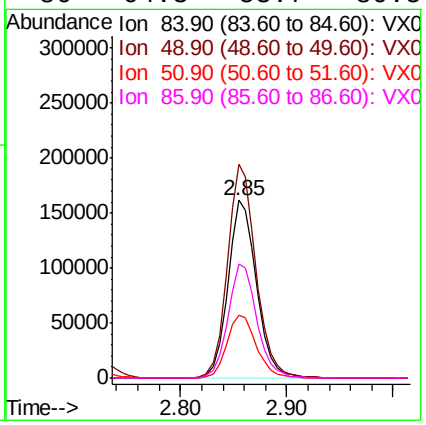


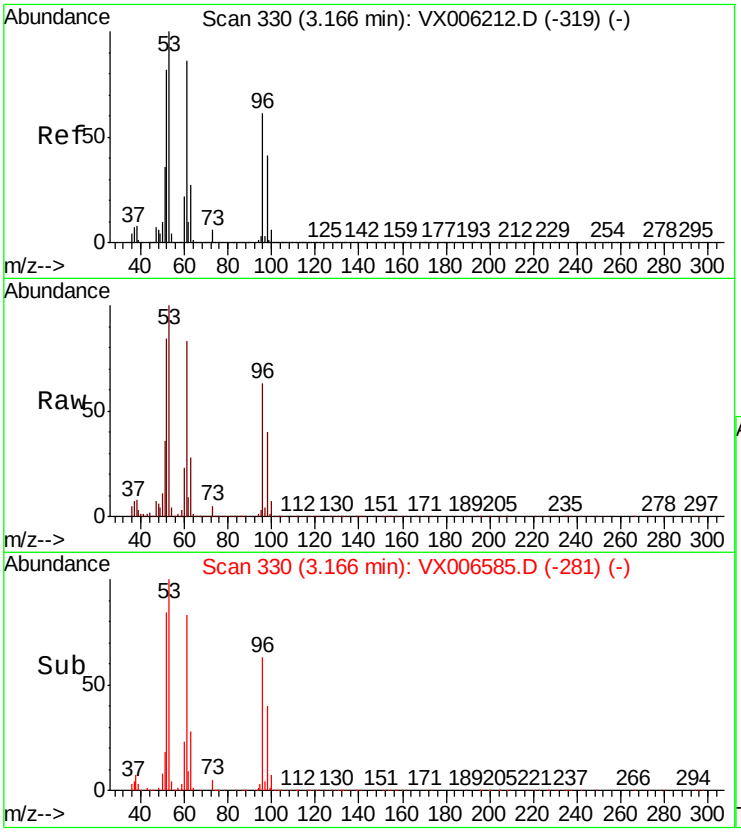




#20
Methylene Chloride
Concen: 49.327 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 84 Resp: 301661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 120.2 | 102.2 | 153.4 |
| 51 | 35.5 | 31.1 | 46.7 |
| 86 | 64.3 | 53.7 | 80.5 |



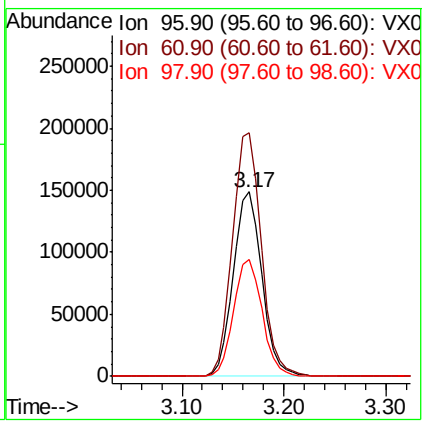


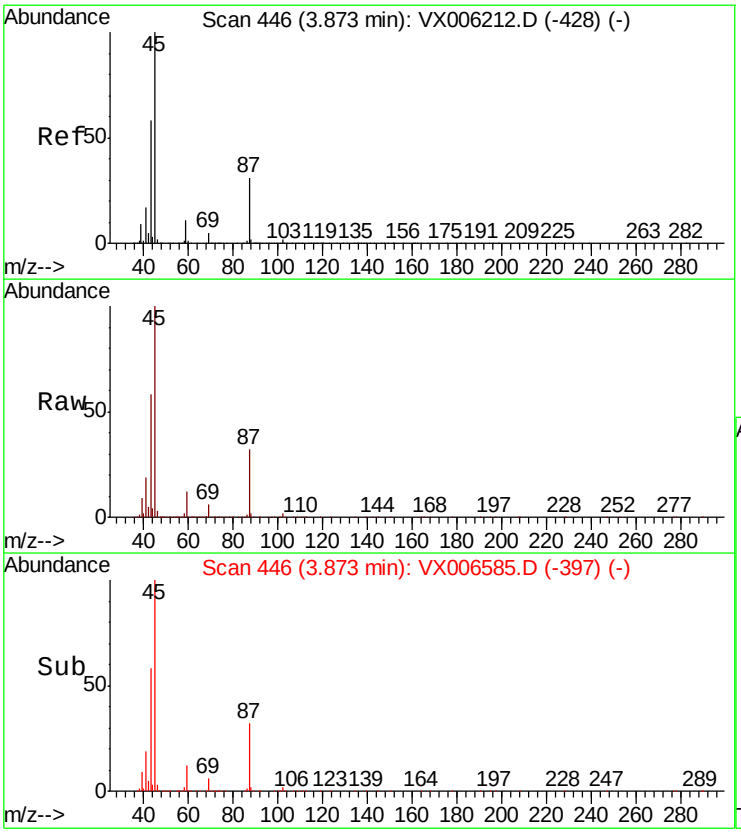

#21
trans-1,2-Dichloroethene
Concen: 49.857 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 96 Resp: 288367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 131.9 | 113.3 | 169.9 |
| 98 | 63.5 | 53.2 | 79.8 |

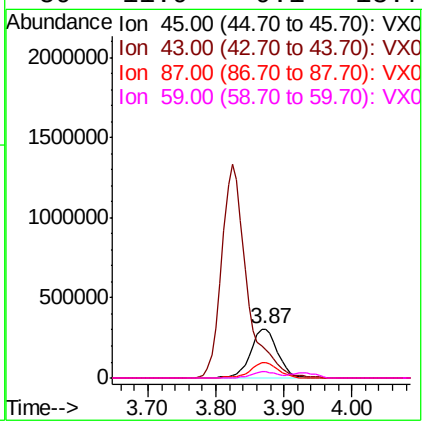


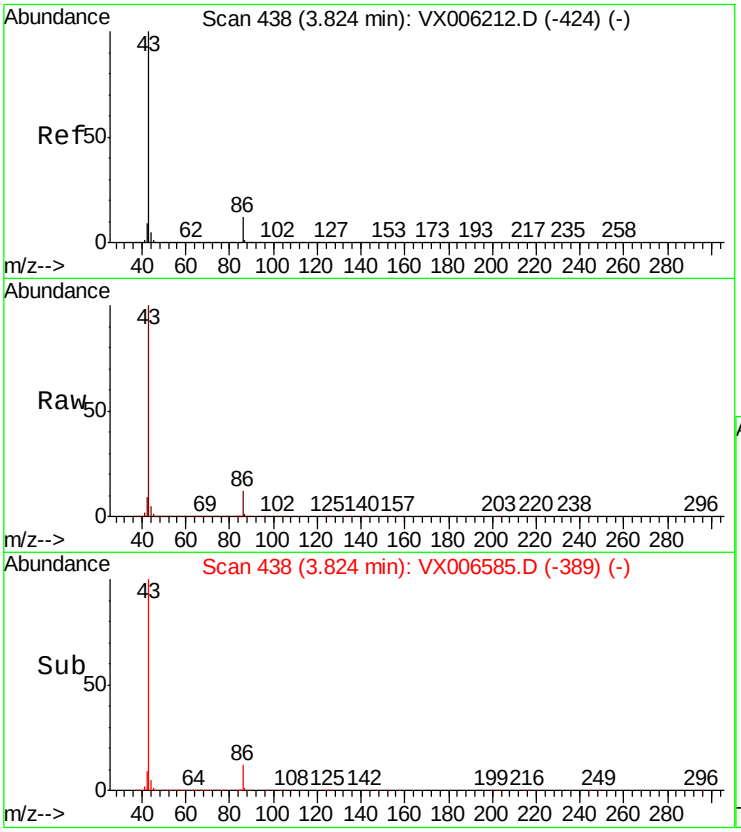




#22
Diisopropyl ether
Concen: 51.206 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 45 Resp: 857517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 58.3 | 46.2 | 69.2 |
| 87 | 32.3 | 24.9 | 37.3 |
| 59 | 11.9 | 9.1 | 13.7 |



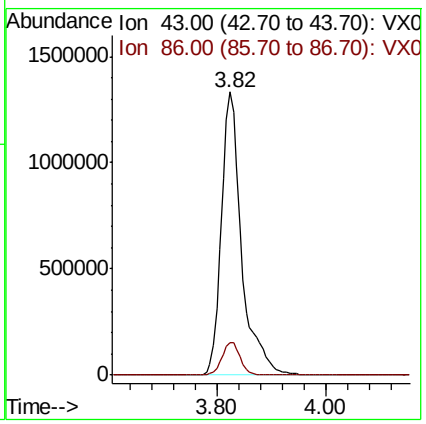


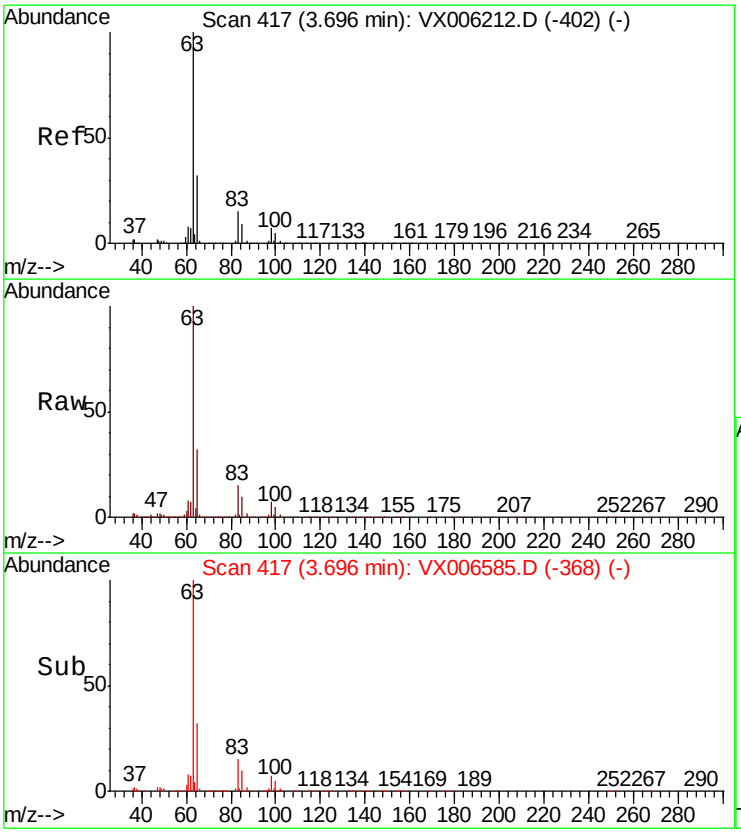

#23
Vinyl Acetate
Concen: 240.919 ug/l
RT: 3.82 min Scan# 438
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 3441089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.6 | 9.4 | 14.0 |

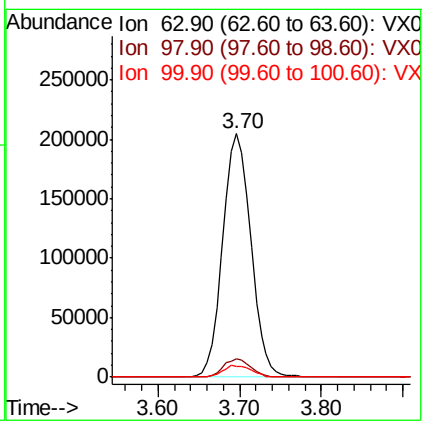


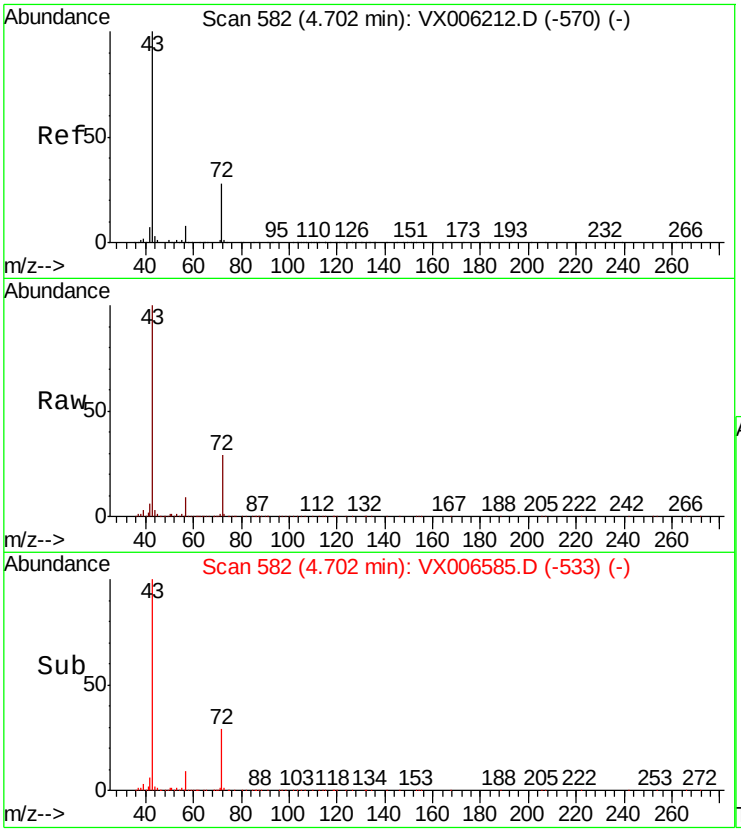




#24
1,1-Dichloroethane
Concen: 51.038 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 63 Resp: 488529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.5 | 3.8 | 11.4 |
| 100 | 4.5 | 2.5 | 7.4 |



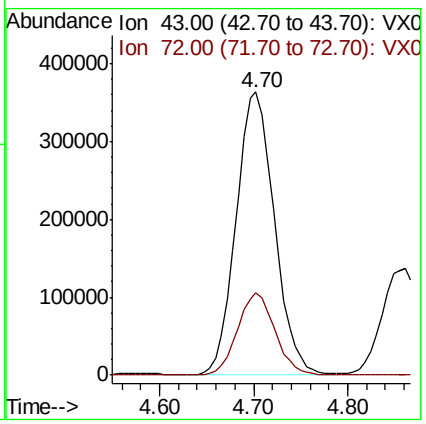


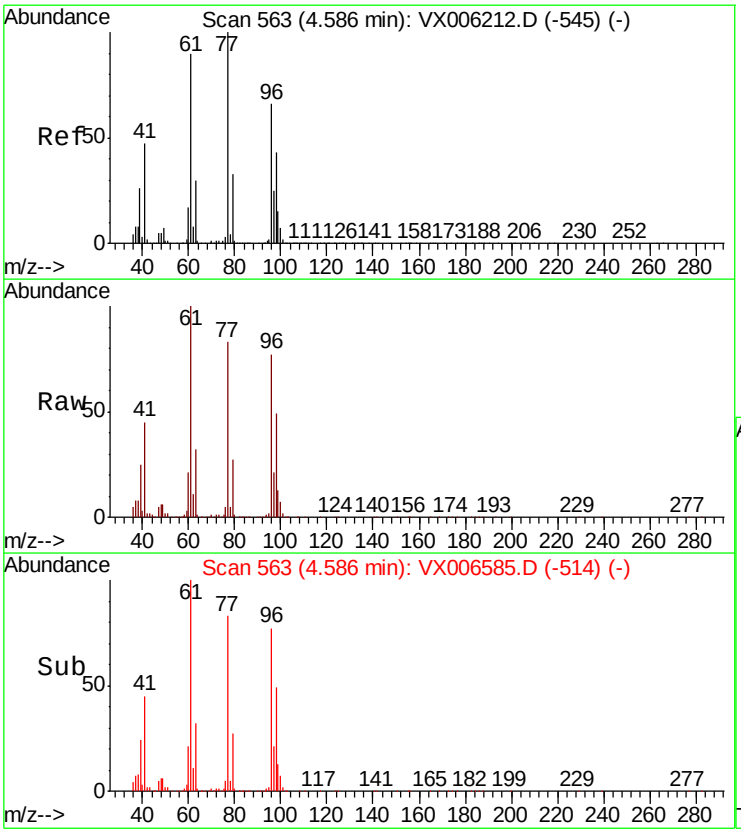

#25
2-Butanone
Concen: 251.304 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 1030373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 29.0 | 22.6 | 33.8 |

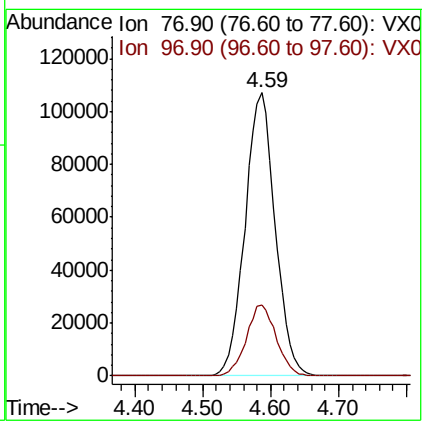


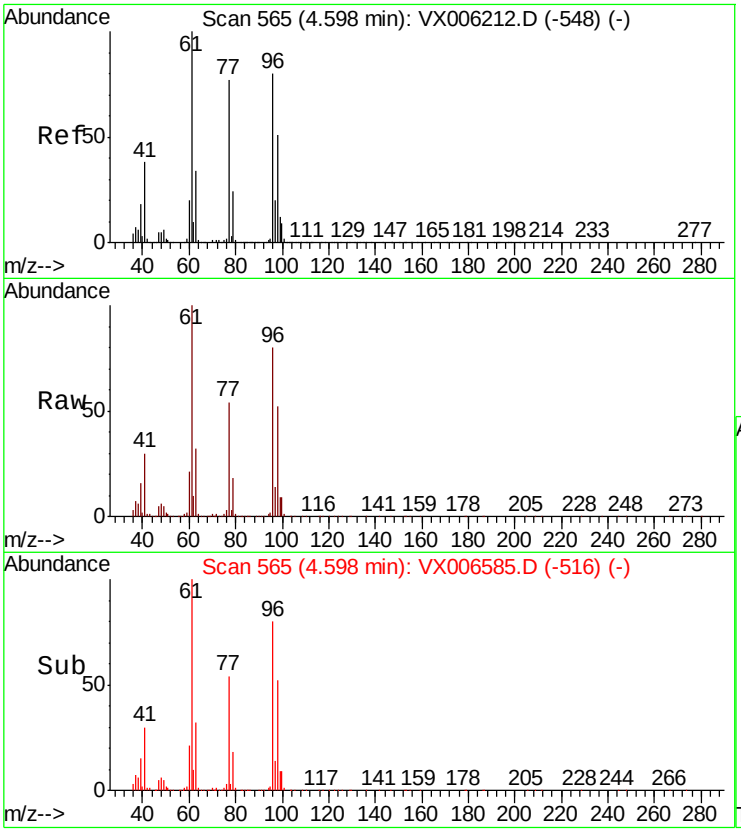




#26
2,2-Dichloropropane
Concen: 37.438 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 77 Resp: 330713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 25.0 | 12.3 | 36.8 |



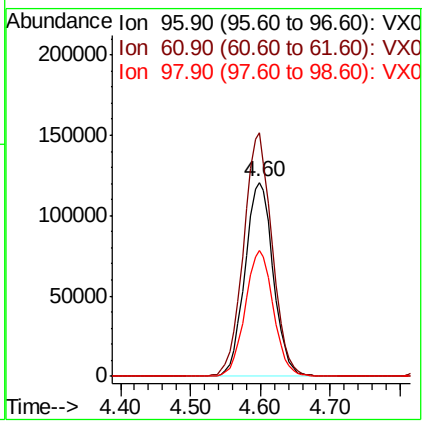


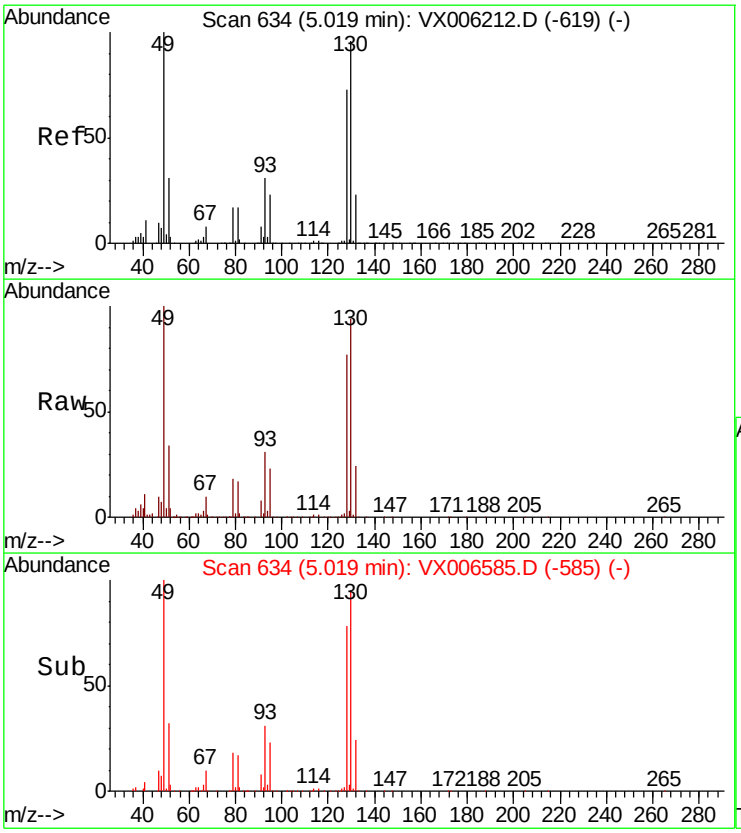

#27
cis-1,2-Dichloroethene
Concen: 52.362 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 96 Resp: 337815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 126.4 | 0.0 | 265.0 |
| 98 | 64.6 | 0.0 | 130.2 |

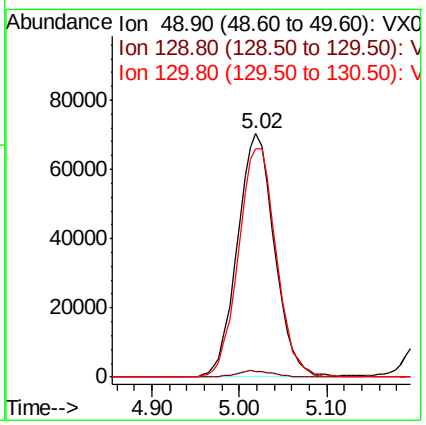


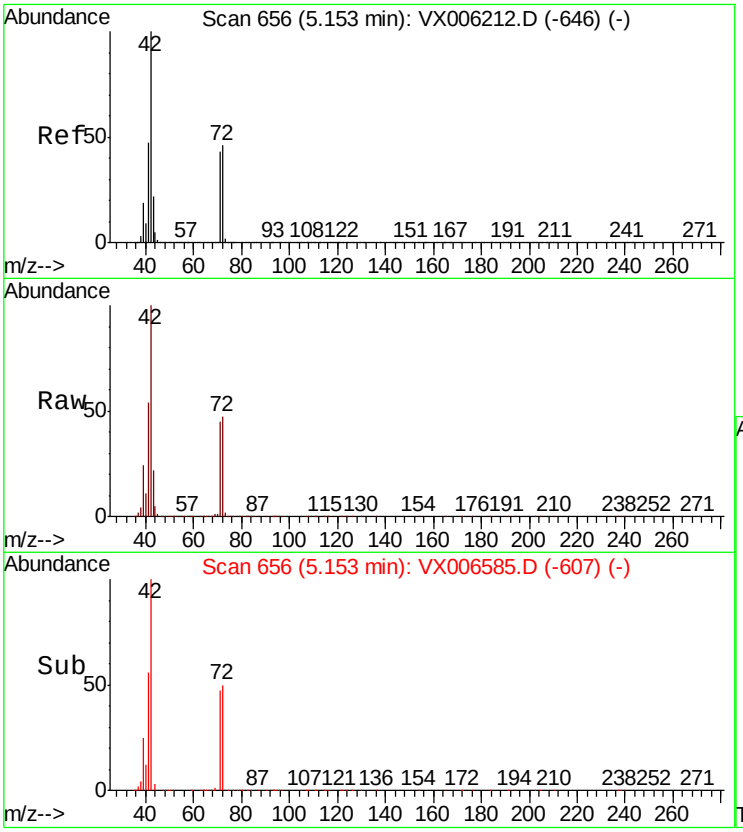




#28
Bromochloromethane
Concen: 49.636 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 49 Resp: 207522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.7 | 0.0 | 5.0 |
| 130 | 95.6 | 78.3 | 117.5 |



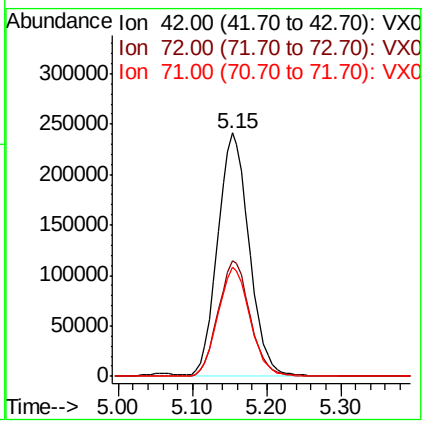


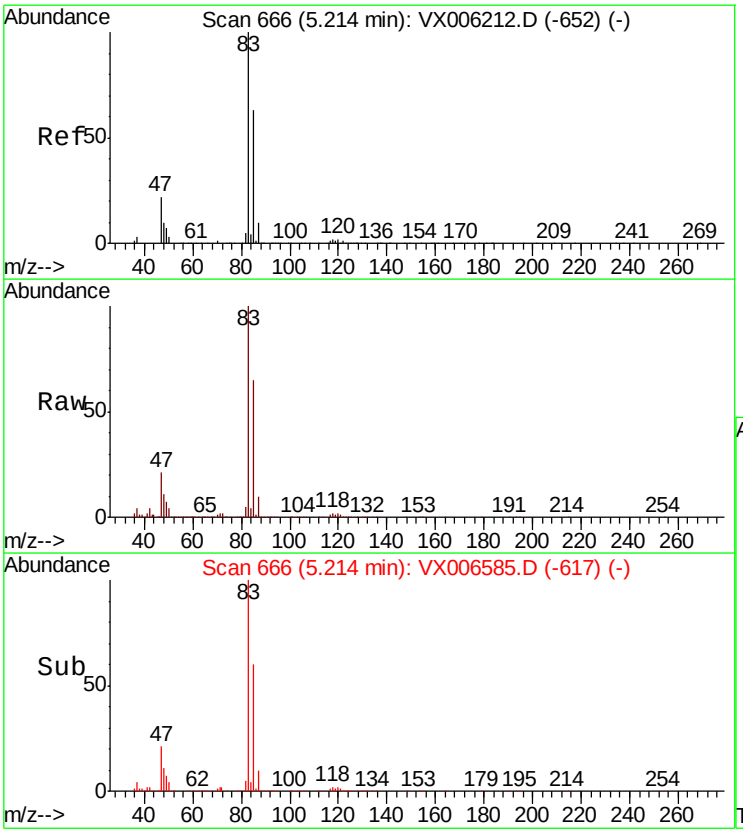

#29
Tetrahydrofuran
Concen: 248.262 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 42 Resp: 707440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 48.4 | 37.8 | 56.8 |
| 71 | 45.7 | 35.2 | 52.8 |

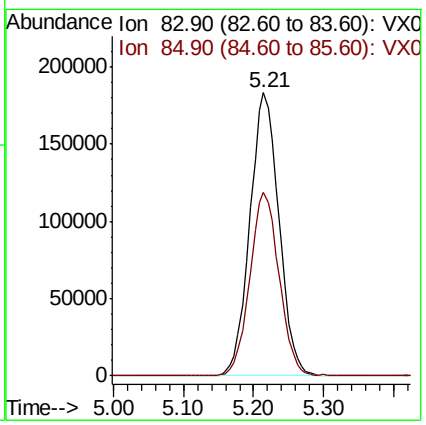


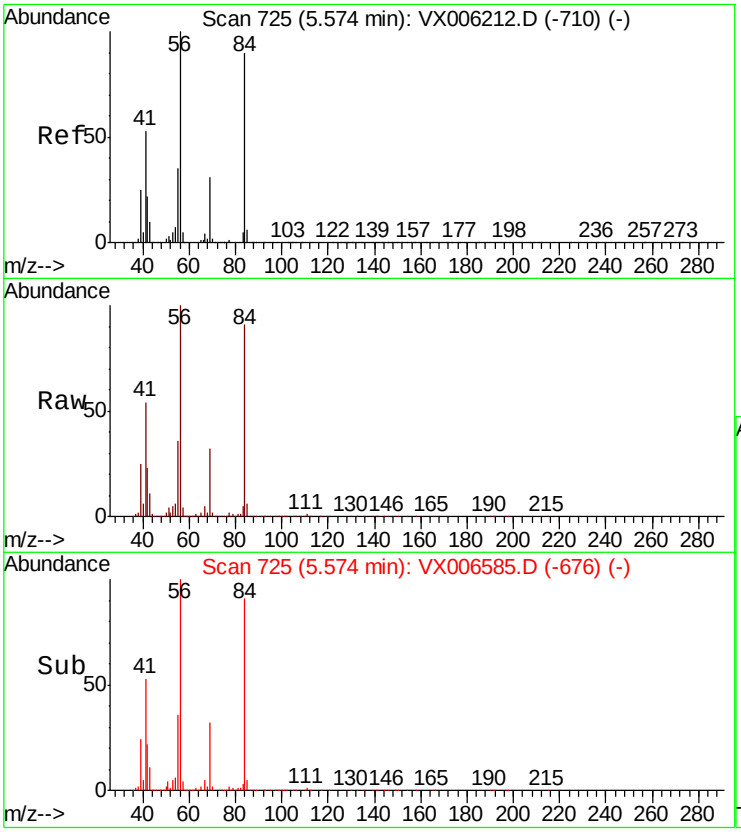




#30
Chloroform
Concen: 52.680 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 83 Resp: 529895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.7 | 50.3 | 75.5 |



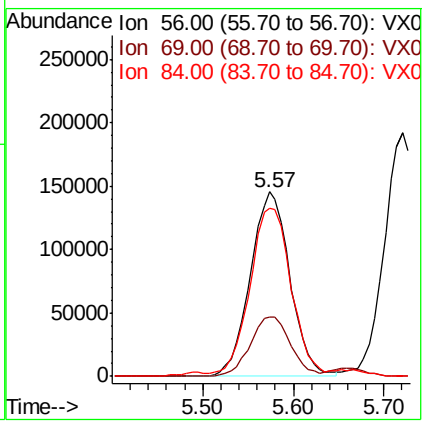


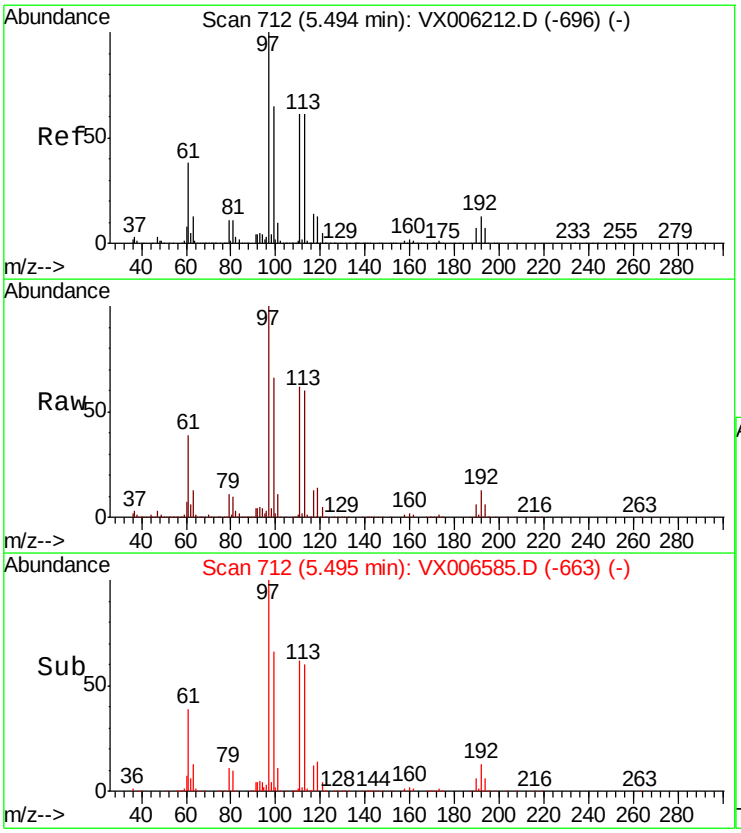

#31
Cyclohexane
Concen: 49.813 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 56 Resp: 440637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.4 | 24.5 | 36.7 |
| 84 | 89.2 | 71.8 | 107.6 |

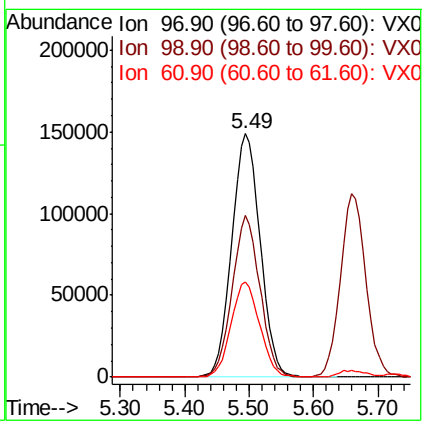


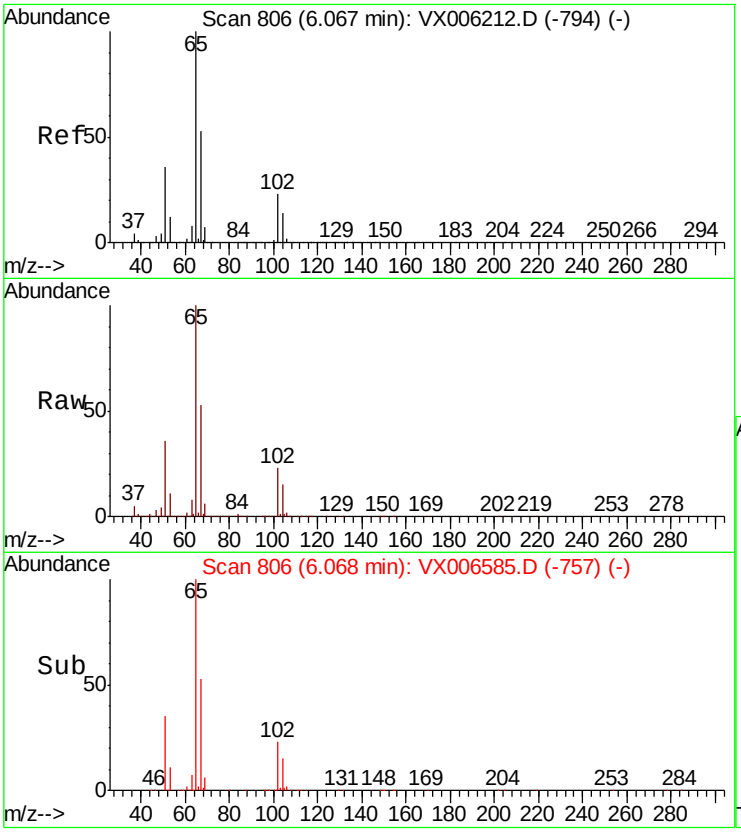




#32
1,1,1-Trichloroethane
Concen: 47.672 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 97 Resp: 456244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.7 | 51.6 | 77.4 |
| 61 | 39.4 | 30.6 | 46.0 |



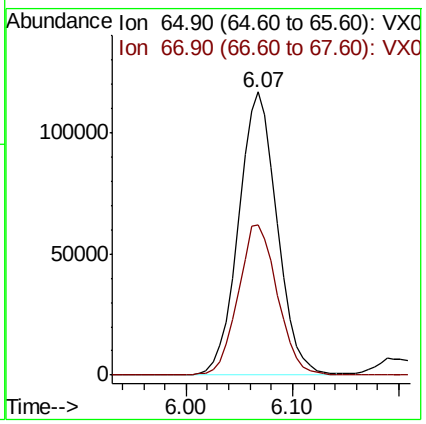


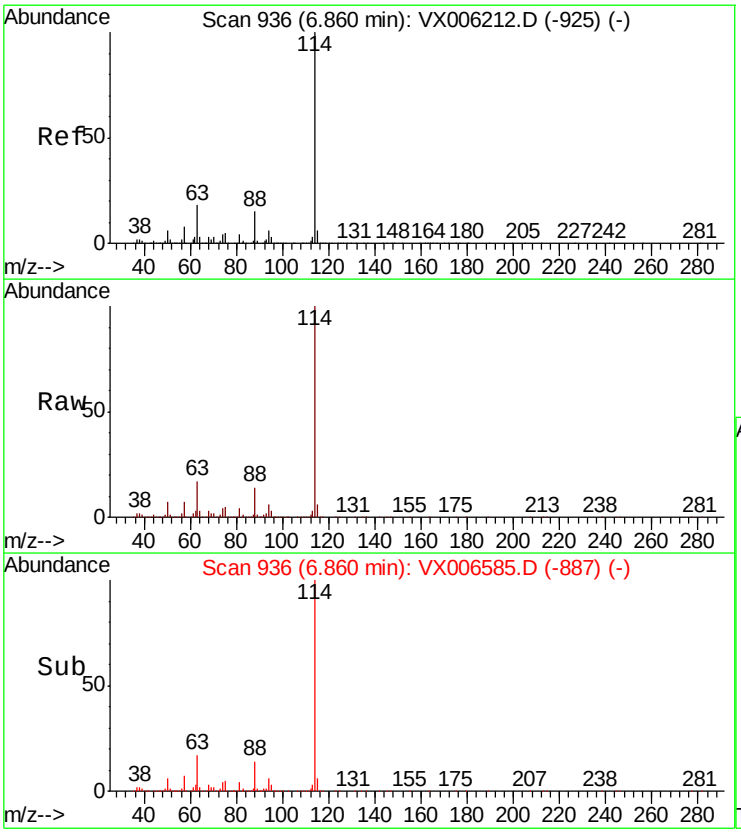

#33
1,2-Dichloroethane-d4
Concen: 48.292 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 65 Resp: 295698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.4 | 0.0 | 107.2 |

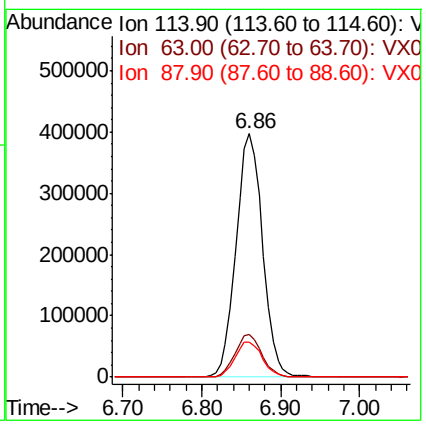


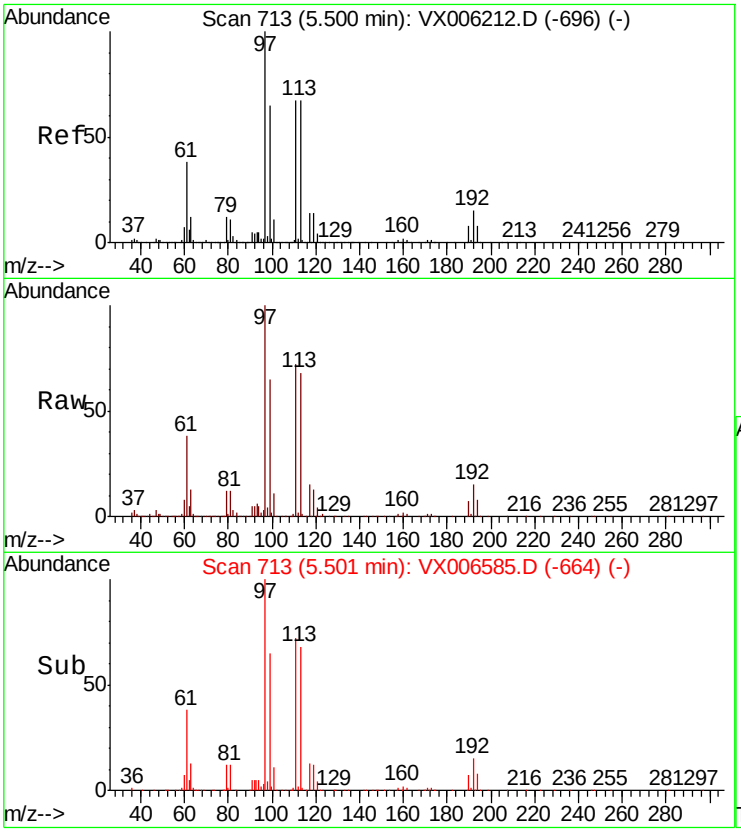




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion:114 Resp: 930238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 17.3 | 0.0 | 36.6 |
| 88 | 14.5 | 0.0 | 29.0 |



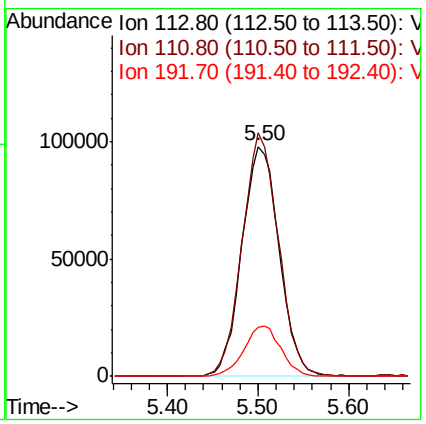


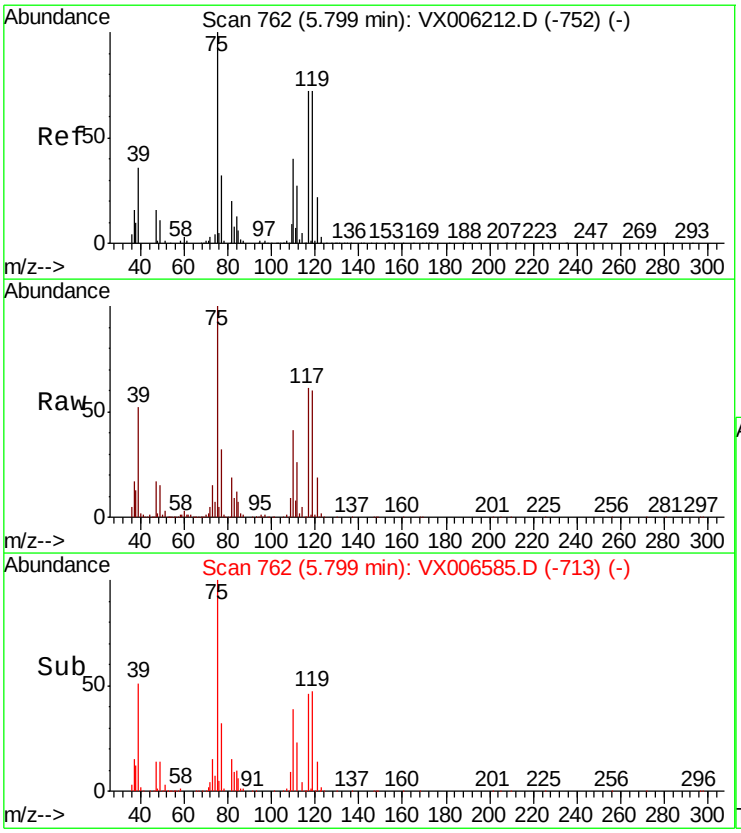

#35
Dibromofluoromethane
Concen: 46.392 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:113 Resp: 279418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.8 | 81.1 | 121.7 |
| 192 | 21.7 | 18.2 | 27.2 |

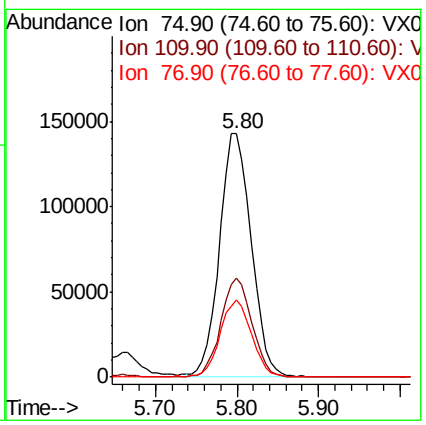


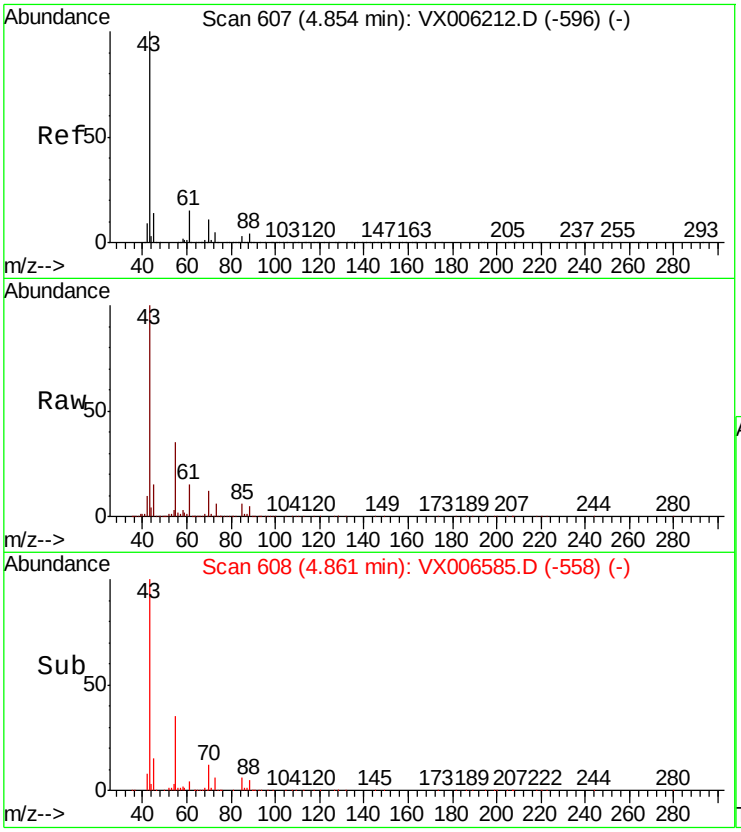




#36
1,1-Dichloropropene
Concen: 48.964 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 75 Resp: 383561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 39.8 | 20.4 | 61.3 |
| 77 | 31.1 | 24.9 | 37.3 |



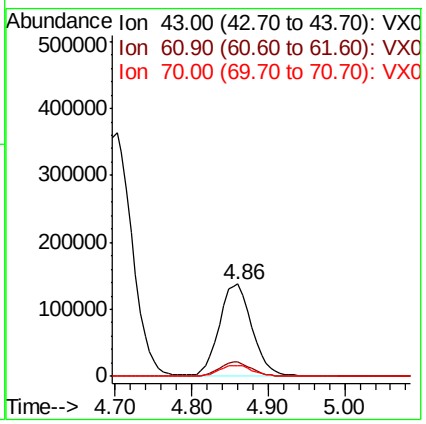


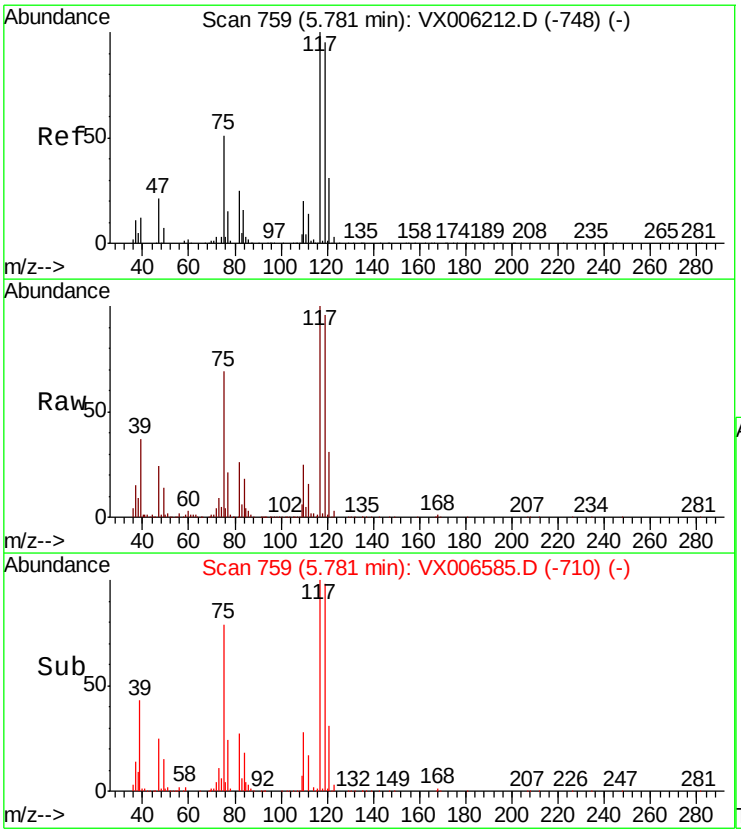

#37
Ethyl Acetate
Concen: 46.249 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 405722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 15.0 | 11.5 | 17.3 |
| 70 | 11.9 | 9.0 | 13.6 |

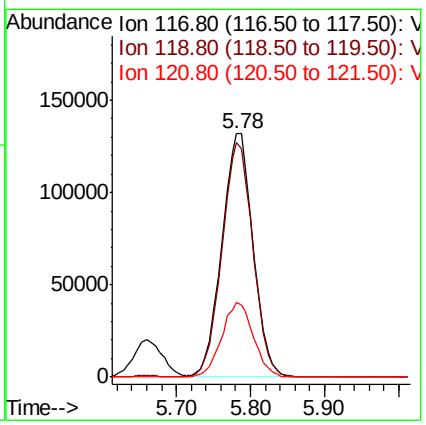


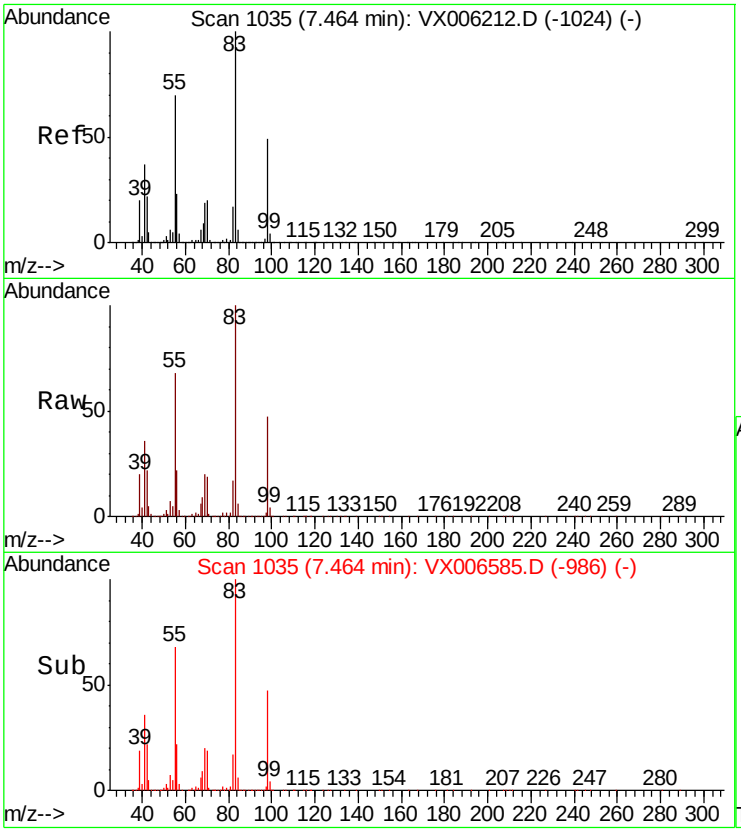




#38
Carbon Tetrachloride
Concen: 41.878 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion:117 Resp: 385930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.4 | 75.8 | 113.8 |
| 121 | 30.4 | 24.6 | 37.0 |



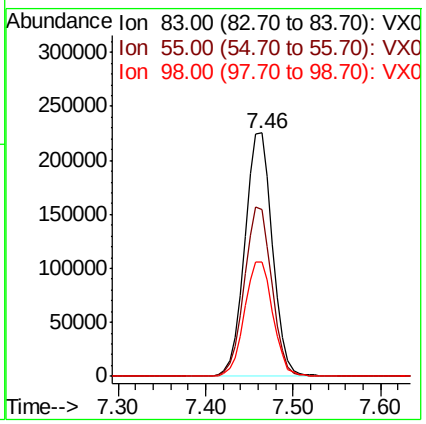


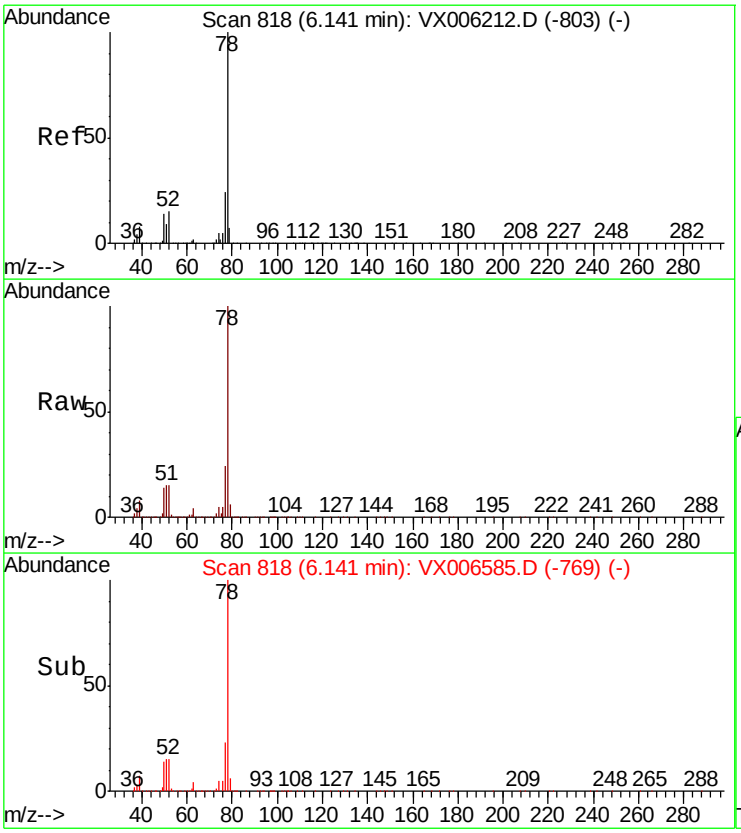

#39
Methylcyclohexane
Concen: 48.392 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 83 Resp: 492061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 68.3 | 56.4 | 84.6 |
| 98 | 47.2 | 39.0 | 58.6 |

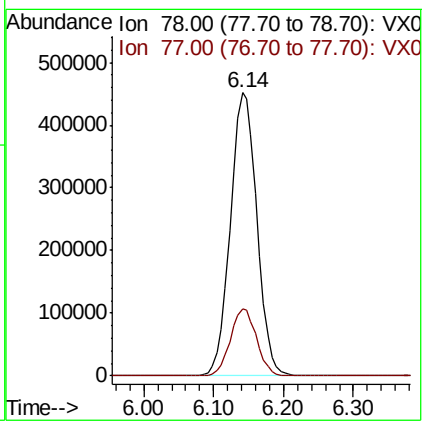


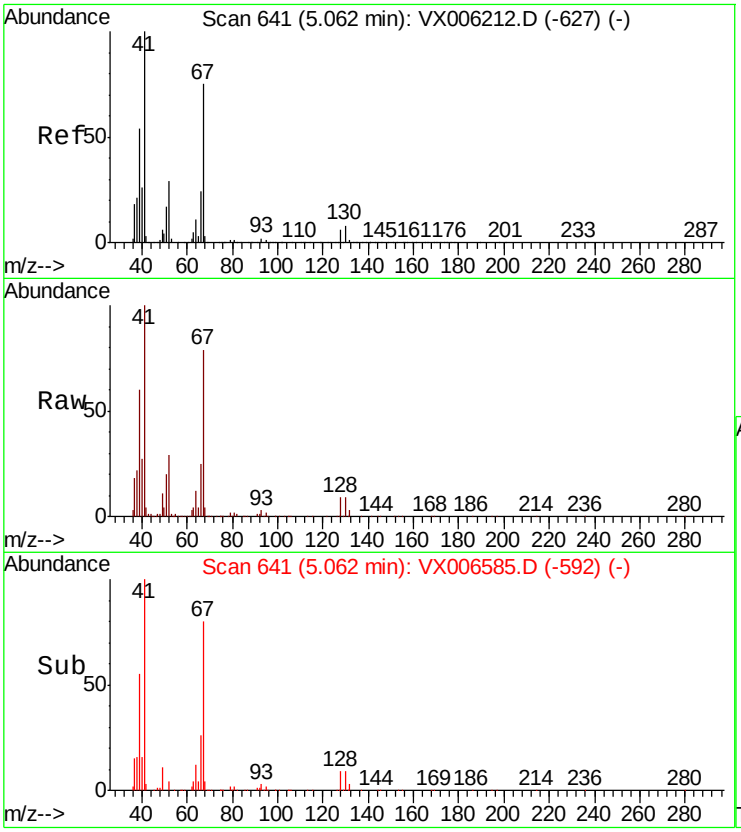




#40
Benzene
Concen: 50.669 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 78 Resp: 1188812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.6 | 19.2 | 28.8 |



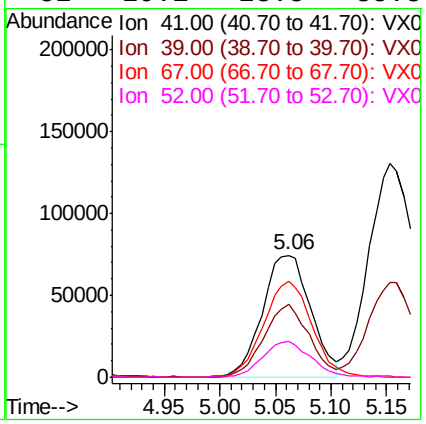


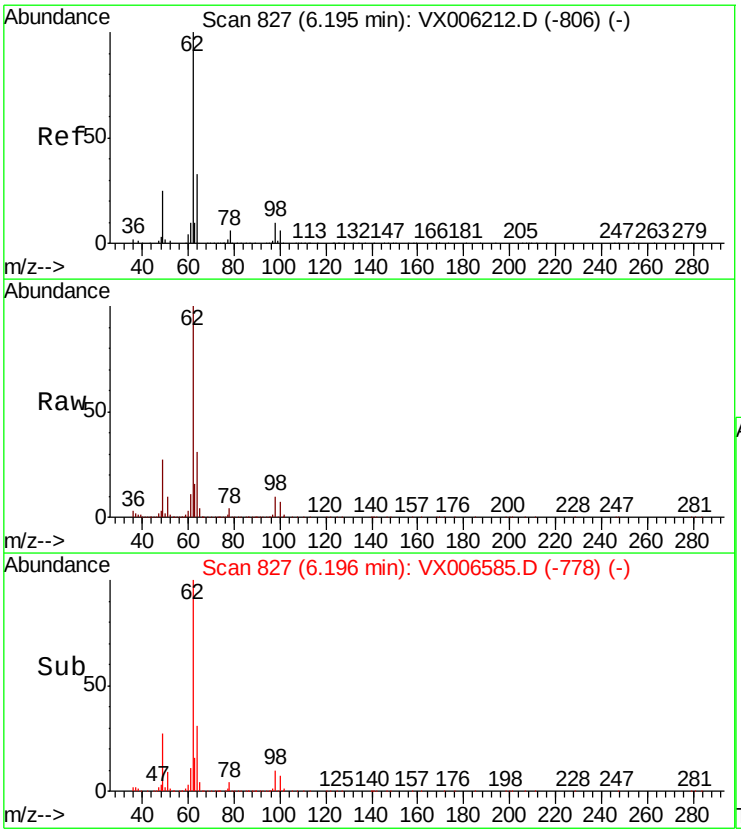

#41
Methacrylonitrile
Concen: 46.474 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 41 Resp: 224338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 55.8 | 44.0 | 66.0 |
| 67 | 79.1 | 61.4 | 92.0 |
| 52 | 29.1 | 23.5 | 35.3 |

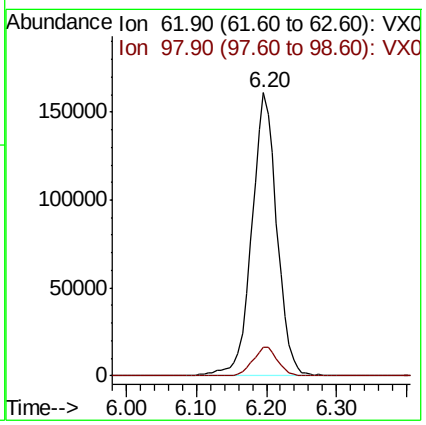


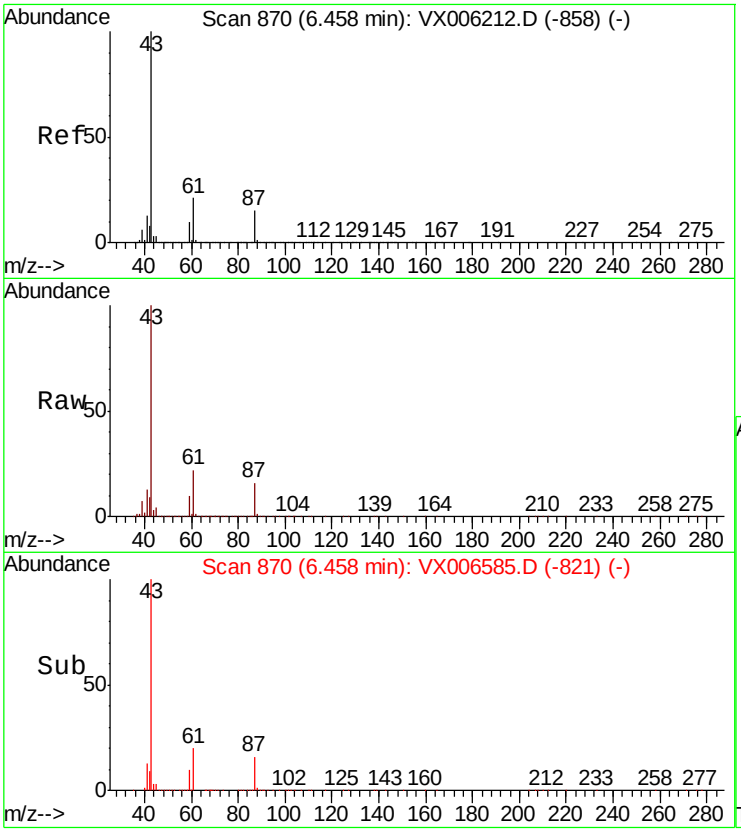




#42
1,2-Dichloroethane
Concen: 51.819 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 62 Resp: 397908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.2 | 0.0 | 20.2 |



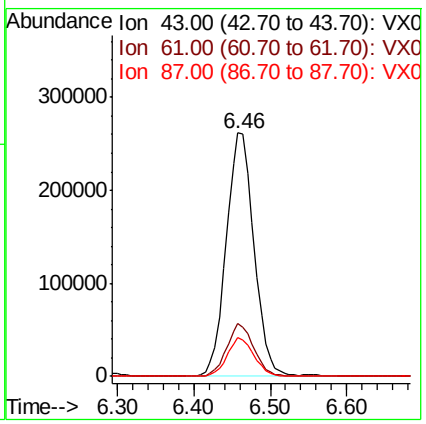


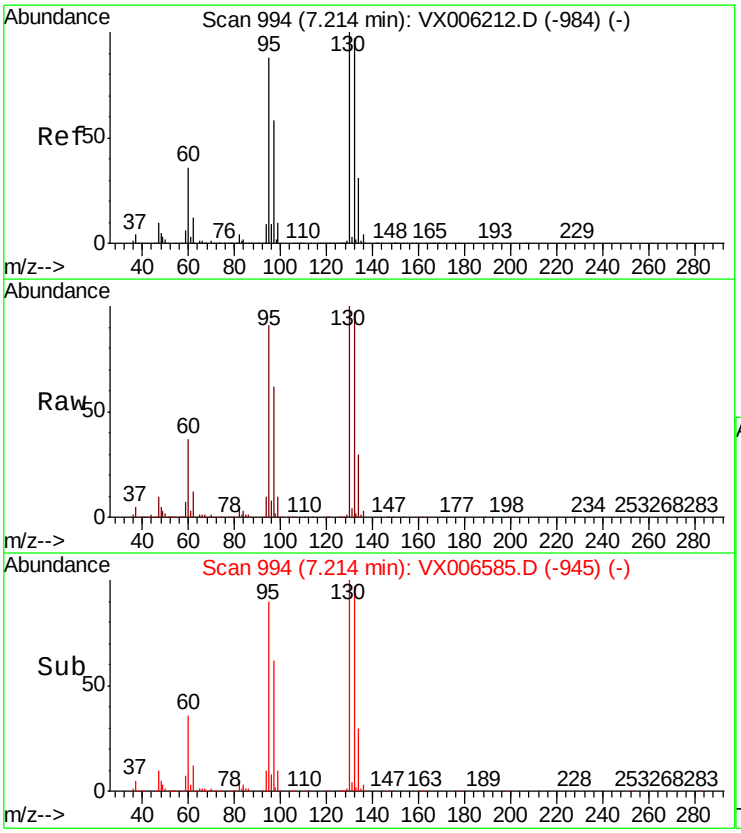

#43
Isopropyl Acetate
Concen: 44.658 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 653179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 21.0 | 16.8 | 25.2 |
| 87 | 15.4 | 11.9 | 17.9 |

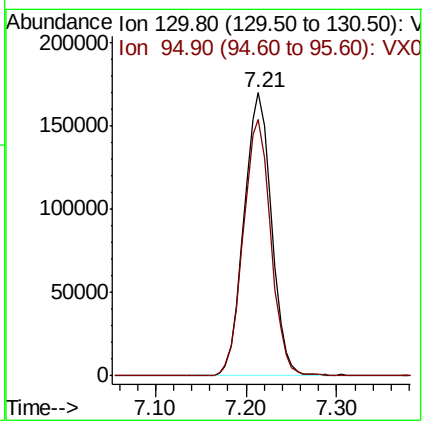


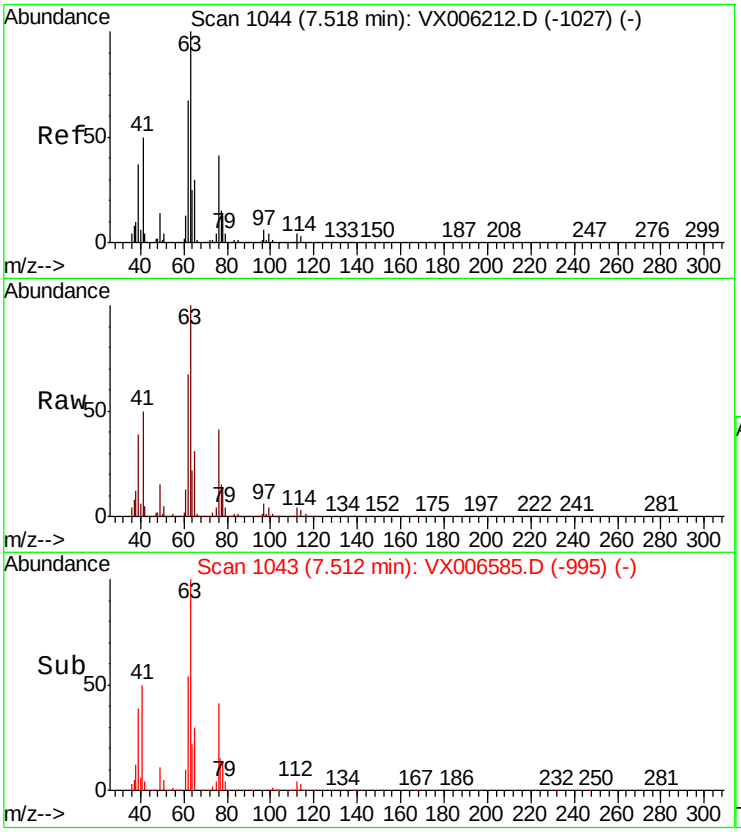




#44
Trichloroethene
Concen: 50.383 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion:130 Resp: 358107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 90.5 | 0.0 | 175.8 |



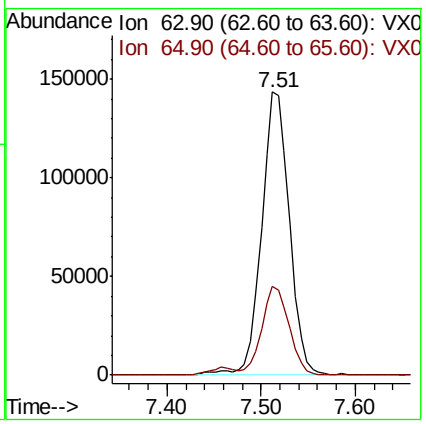


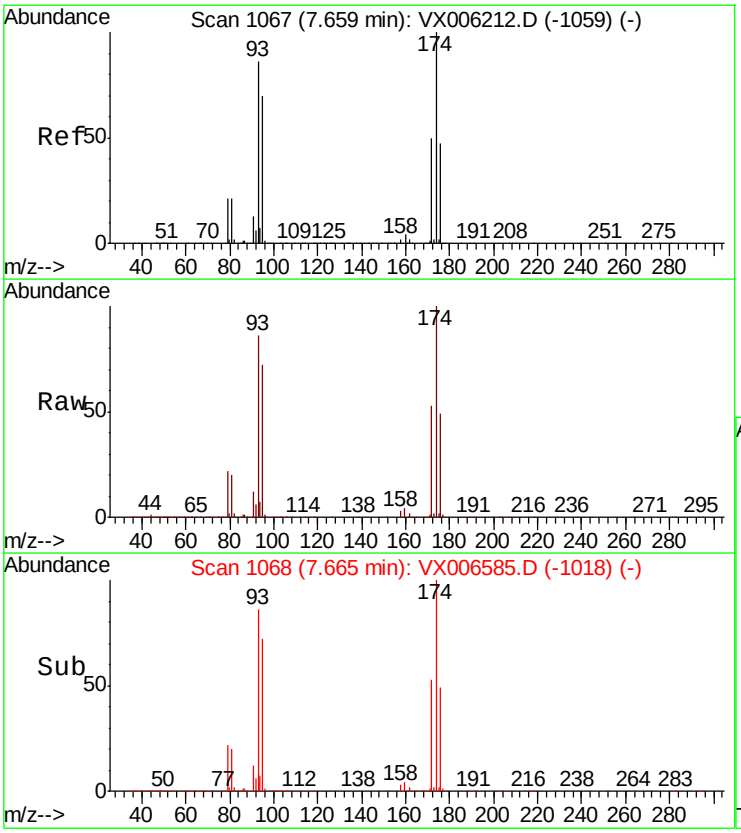

#45
1,2-Dichloropropane
Concen: 49.408 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 63 Resp: 294618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.1 | 24.3 | 36.5 |

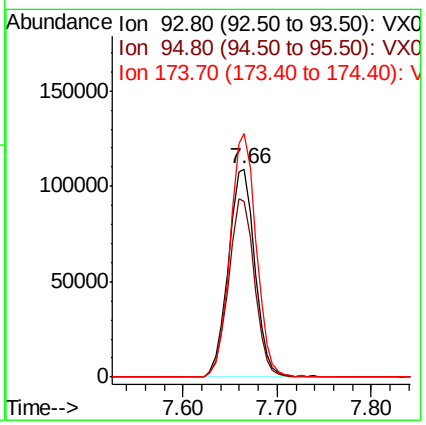


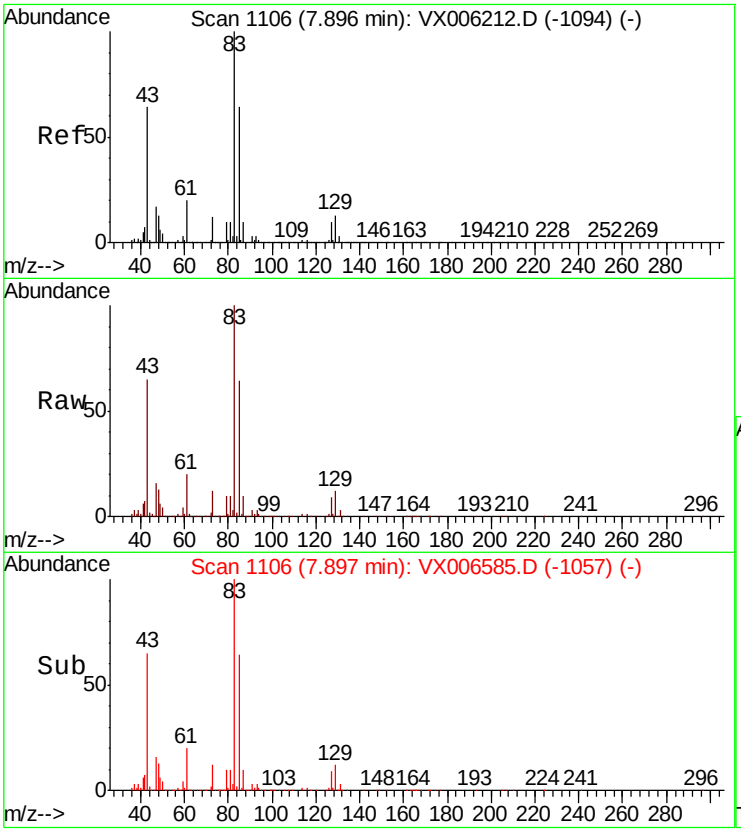




#46
Dibromomethane
Concen: 49.542 ug/l
RT: 7.66 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 93 Resp: 213356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.5 | 66.2 | 99.4 |
| 174 | 115.2 | 97.2 | 145.8 |



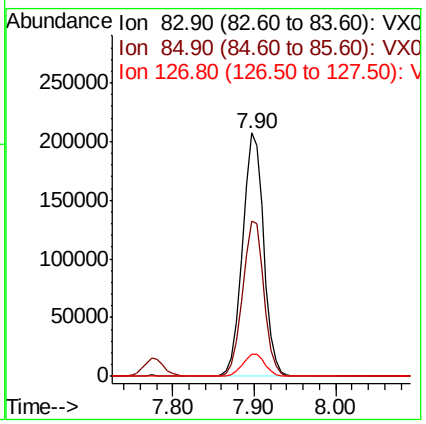


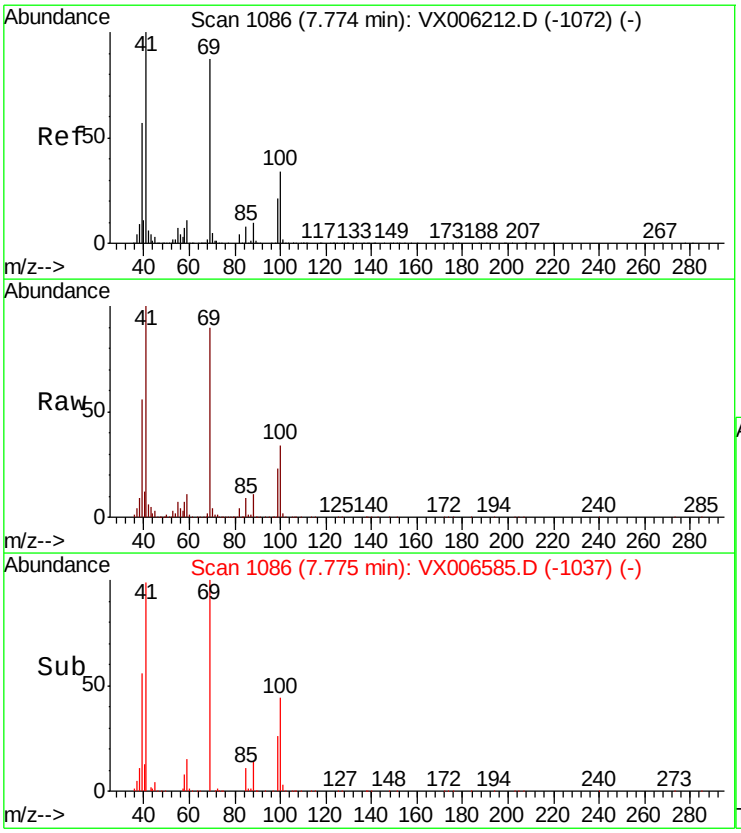

#47
Bromodichloromethane
Concen: 44.616 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 83 Resp: 372087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.6 | 51.4 | 77.0 |
| 127 | 9.3 | 7.9 | 11.9 |

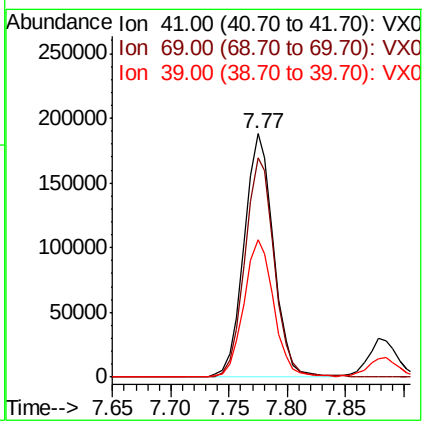


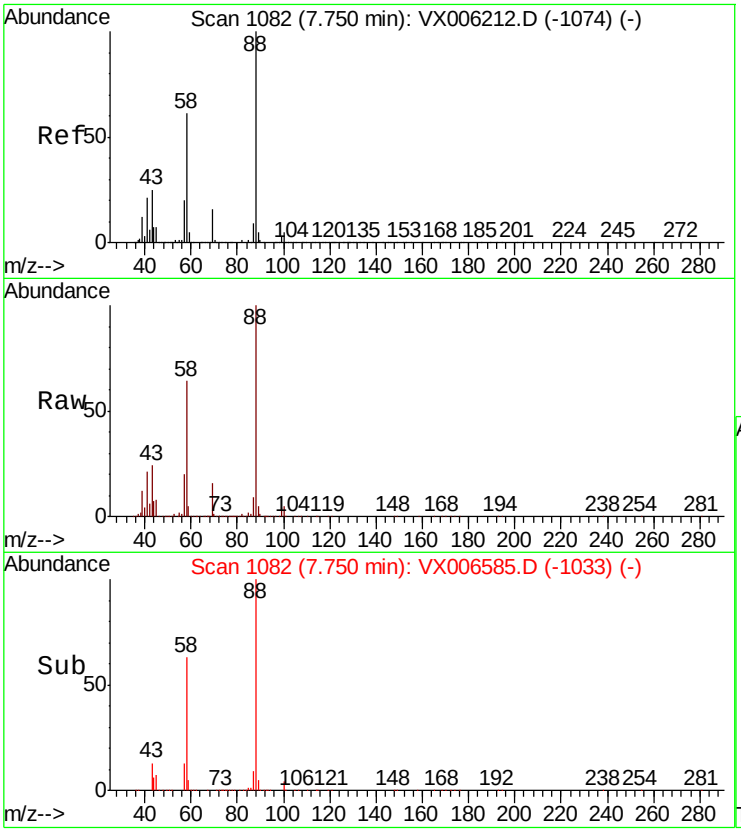




#48
Methyl methacrylate
Concen: 46.647 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 41 Resp: 331917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 90.4 | 70.3 | 105.5 |
| 39 | 56.5 | 45.3 | 67.9 |



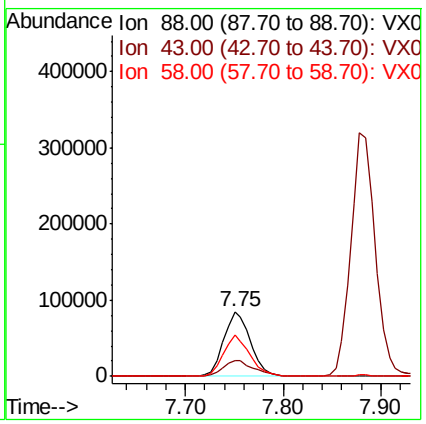


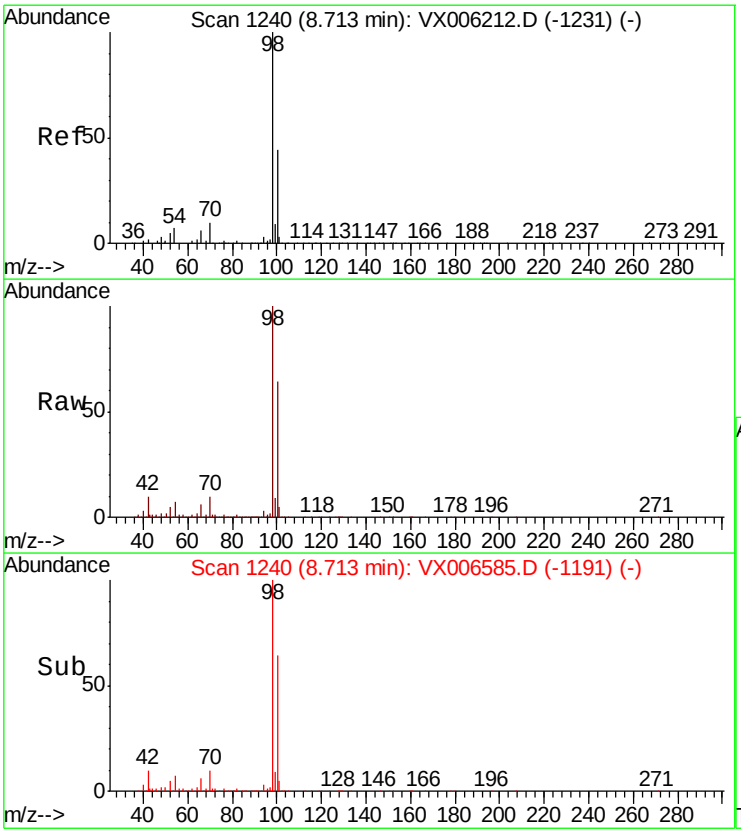

#49
1,4-Dioxane
Concen: 917.960 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 88 Resp: 160986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 29.2 | 23.2 | 34.8 |
| 58 | 62.2 | 51.4 | 77.0 |

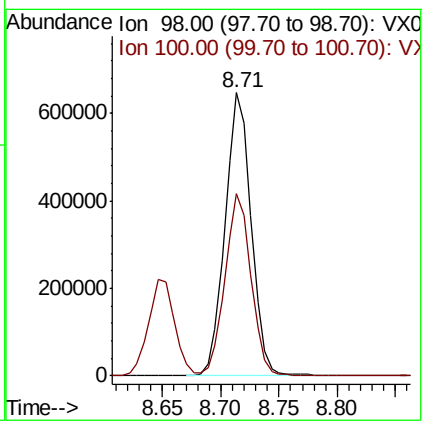


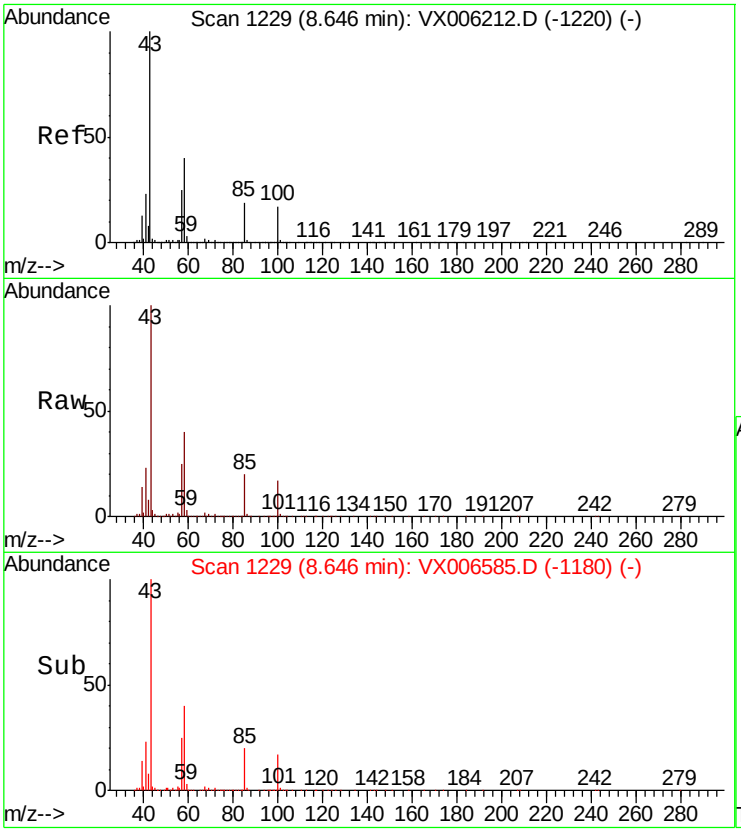




#50
Toluene-d8
Concen: 45.804 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 98 Resp: 1003465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.6 | 52.2 | 78.2 |



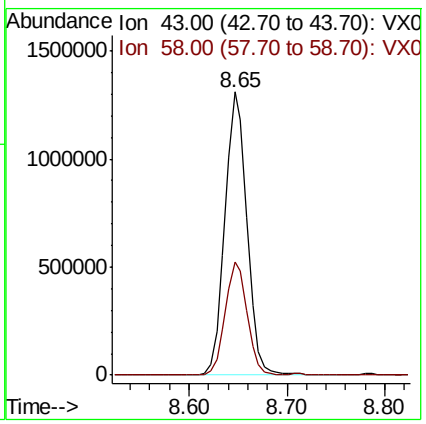


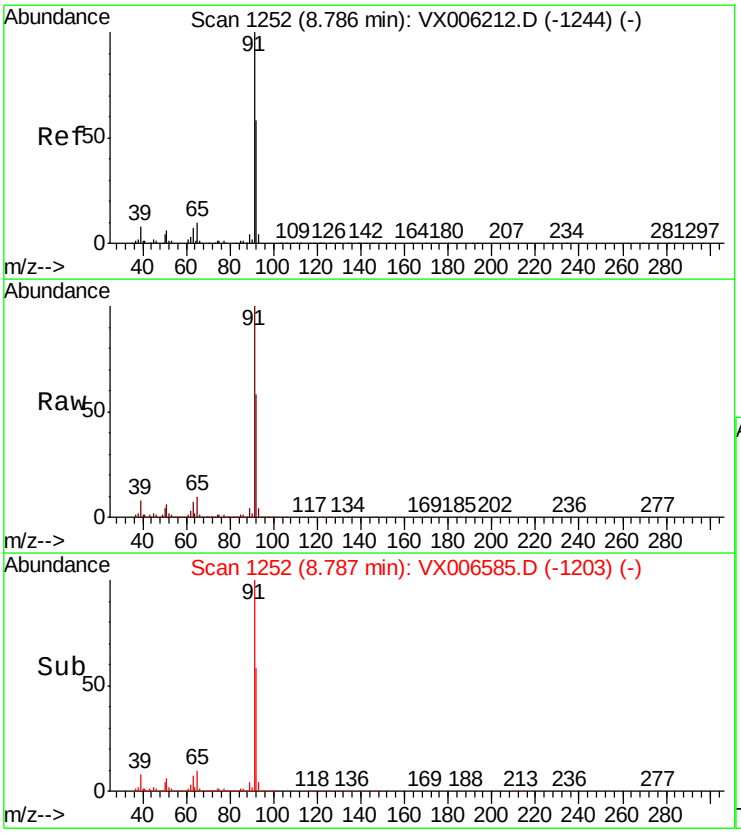

#51
4-Methyl-2-Pentanone
Concen: 240.375 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 43 Resp: 2046715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.9 | 31.3 | 46.9 |

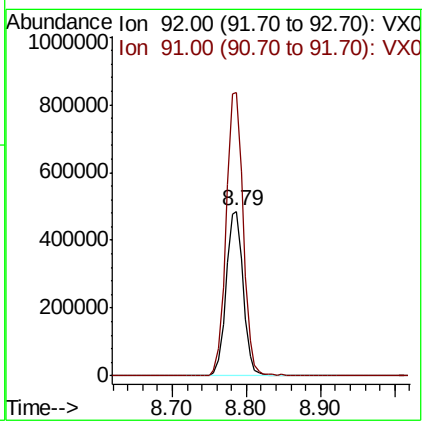


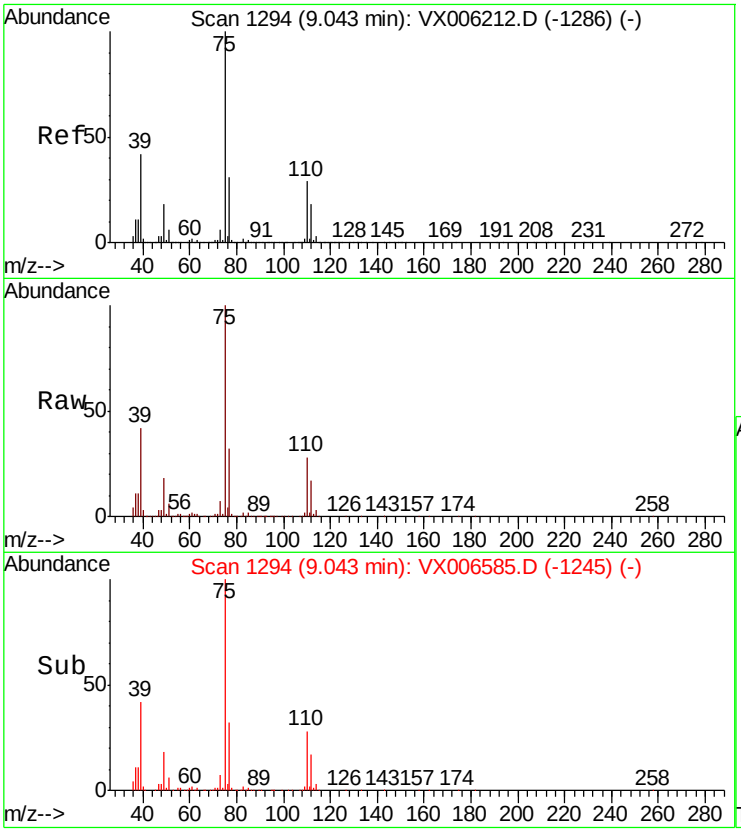




#52
Toluene
Concen: 50.440 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 92 Resp: 778580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 172.5 | 139.2 | 208.8 |



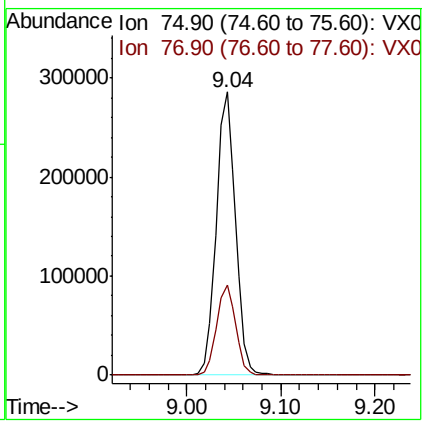


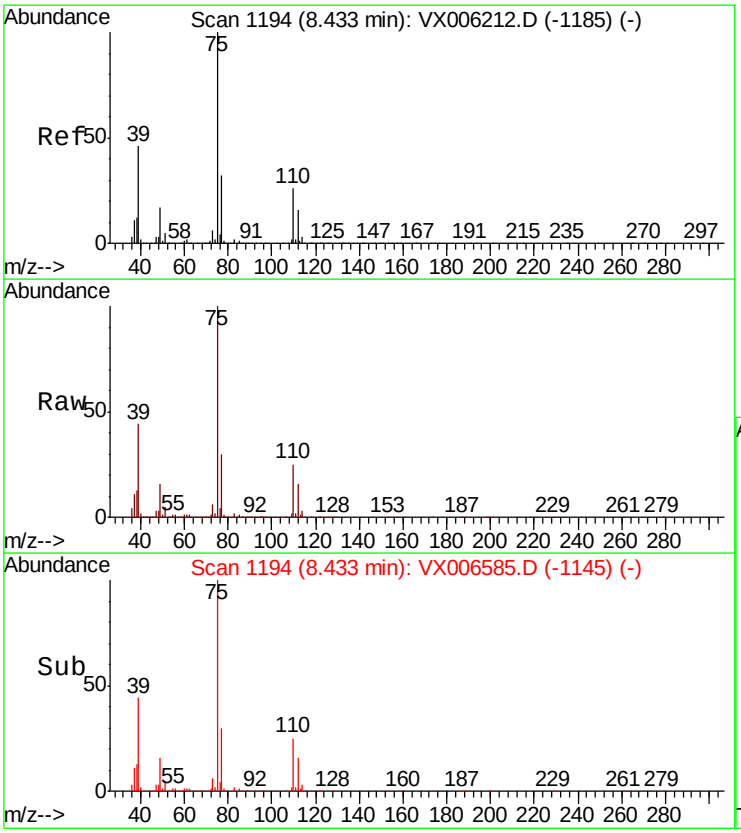

#53
t-1,3-Dichloropropene
Concen: 41.268 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 75 Resp: 402508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.8 | 25.0 | 37.4 |

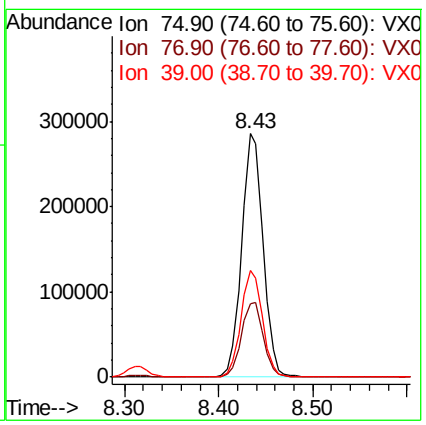


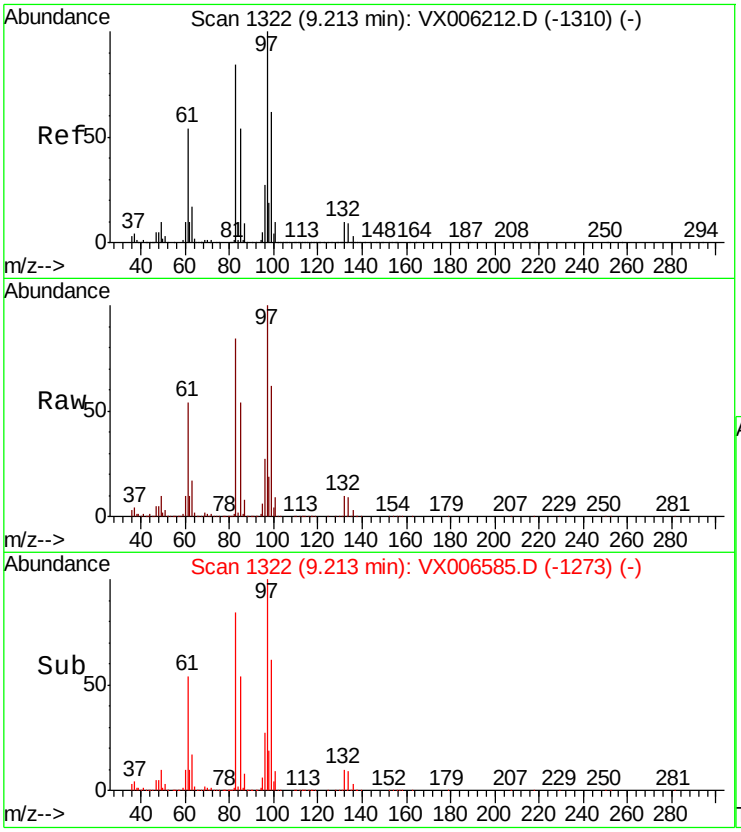




#54
cis-1,3-Dichloropropene
Concen: 44.271 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 75 Resp: 448368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.0 | 25.6 | 38.4 |
| 39 | 43.7 | 36.5 | 54.7 |



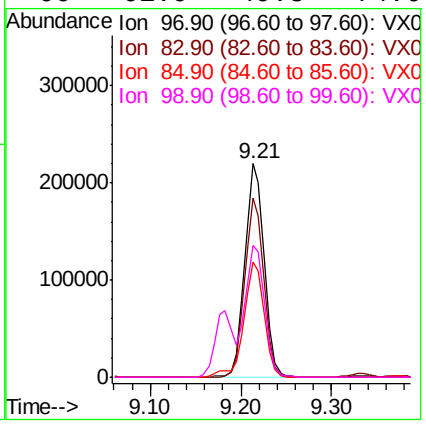


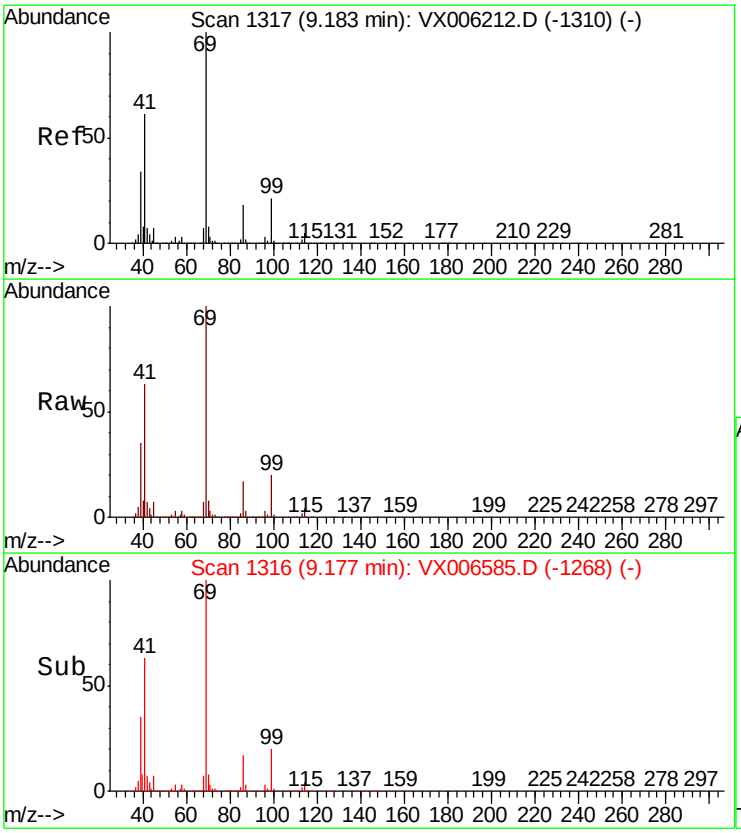

#55
1,1,2-Trichloroethane
Concen: 51.585 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 97 Resp: 323485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 83.6 | 67.1 | 100.7 |
| 85 | 54.0 | 43.2 | 64.8 |
| 99 | 61.9 | 49.8 | 74.6 |

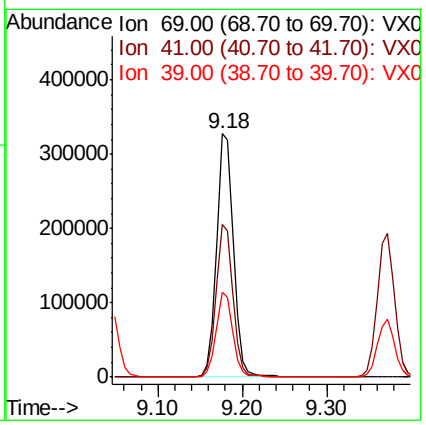


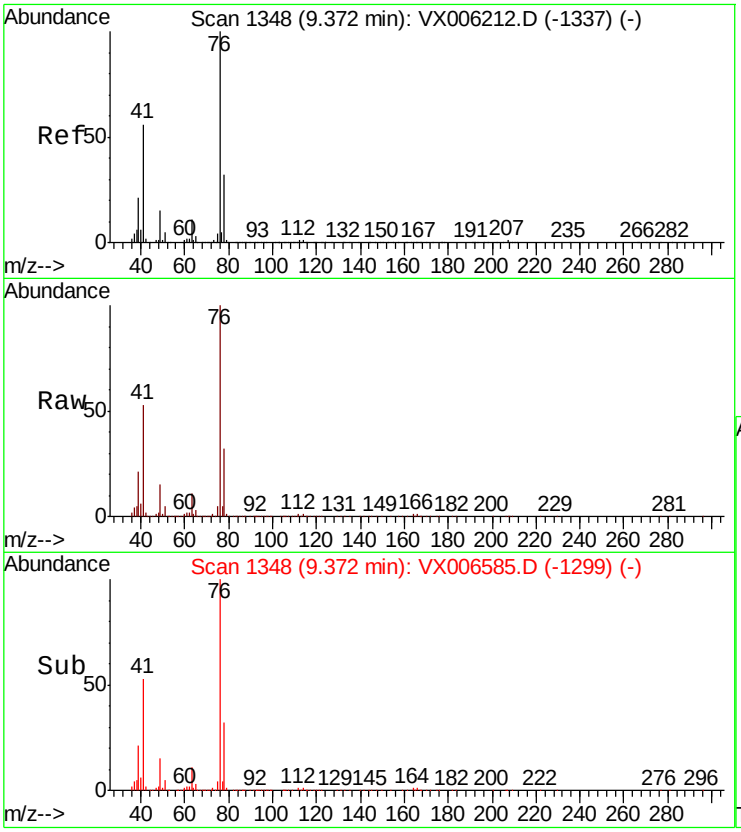




#56
Ethyl methacrylate
Concen: 46.652 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 69 Resp: 457350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 62.5 | 50.6 | 76.0 |
| 39 | 34.0 | 27.6 | 41.4 |



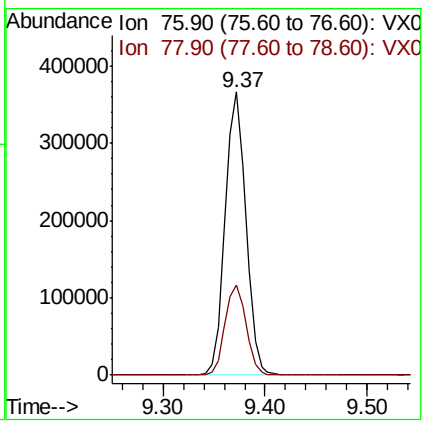


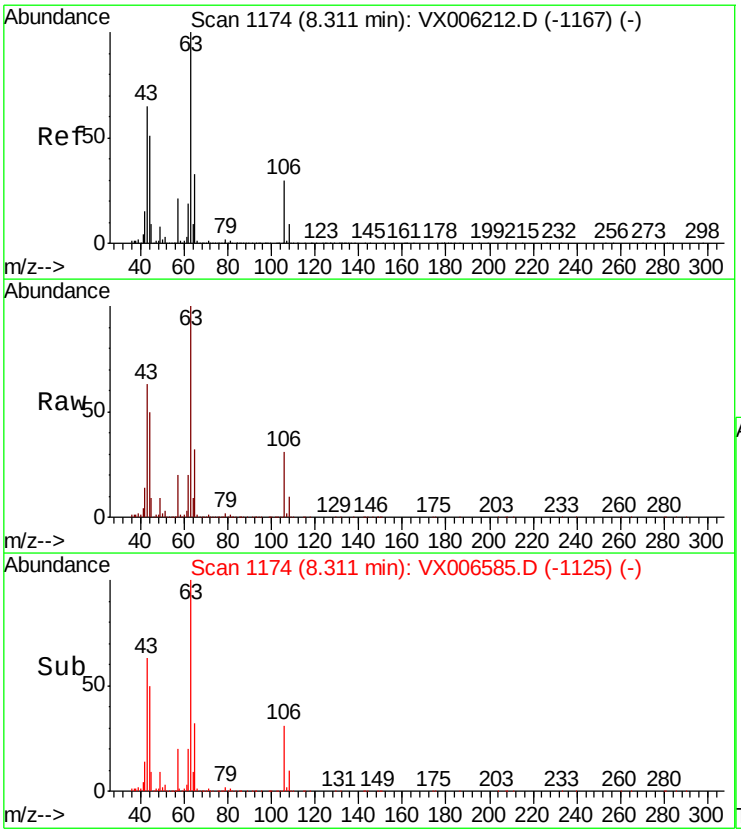

#57
1,3-Dichloropropane
Concen: 51.784 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 76 Resp: 513495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.5 | 26.1 | 39.1 |

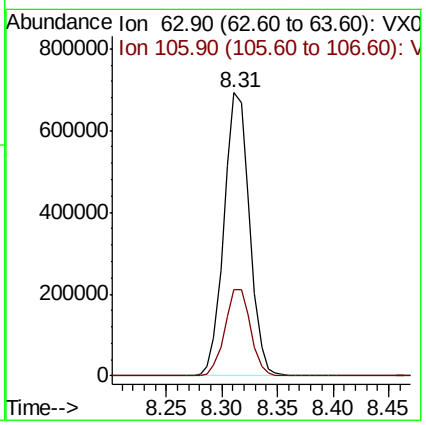


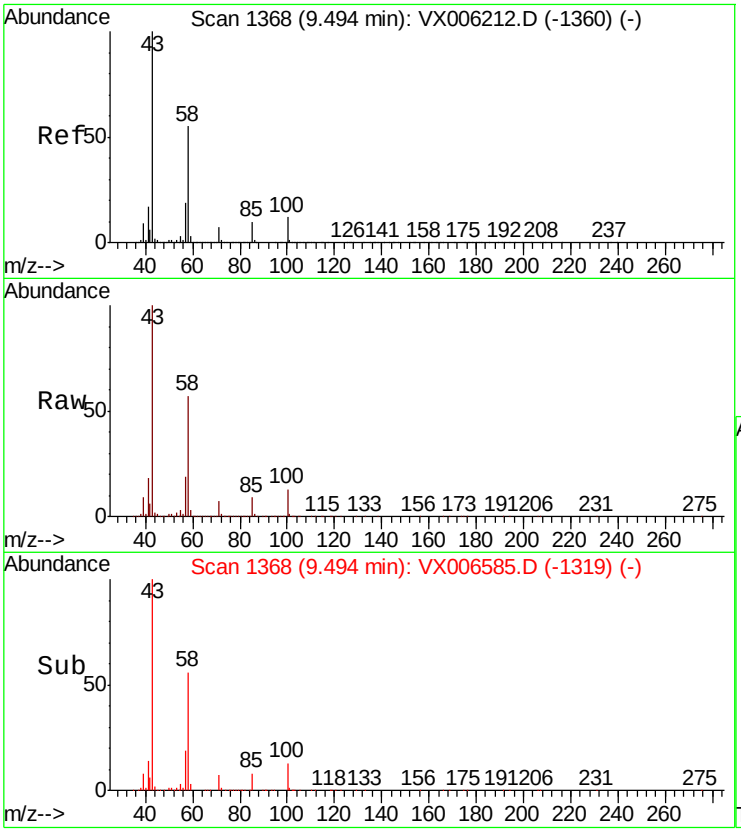




#58
2-Chloroethyl Vinyl ether
Concen: 220.344 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 63 Resp: 1096153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 31.2 | 24.9 | 37.3 |



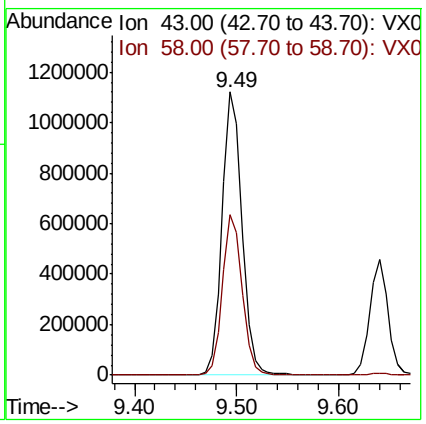


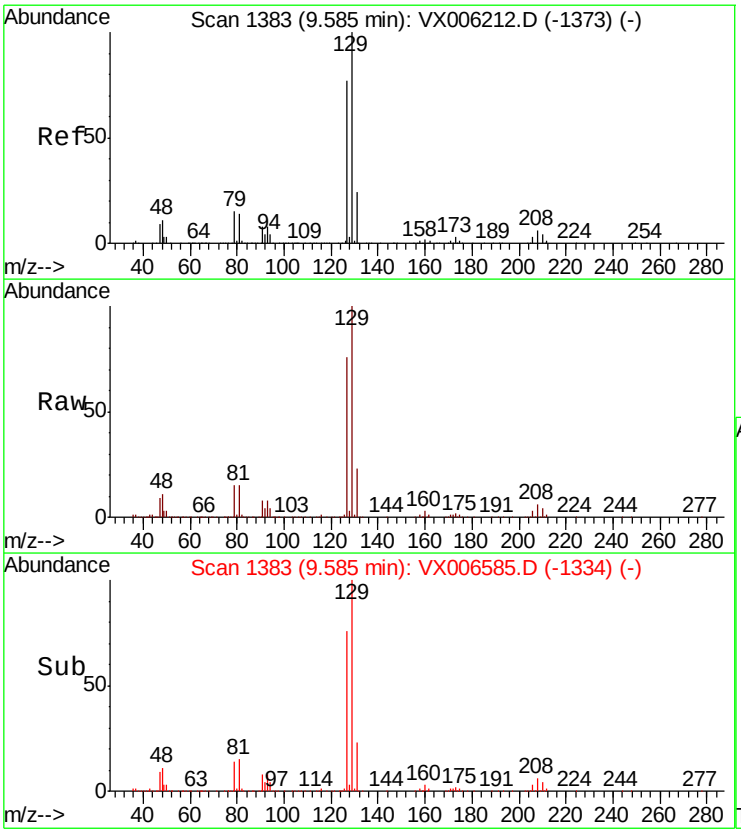

#59
2-Hexanone
Concen: 233.764 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 1520686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 56.3 | 27.7 | 83.1 |

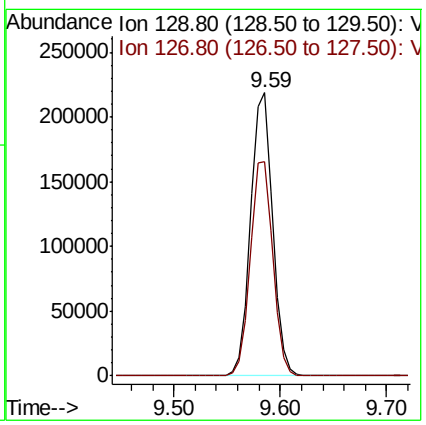


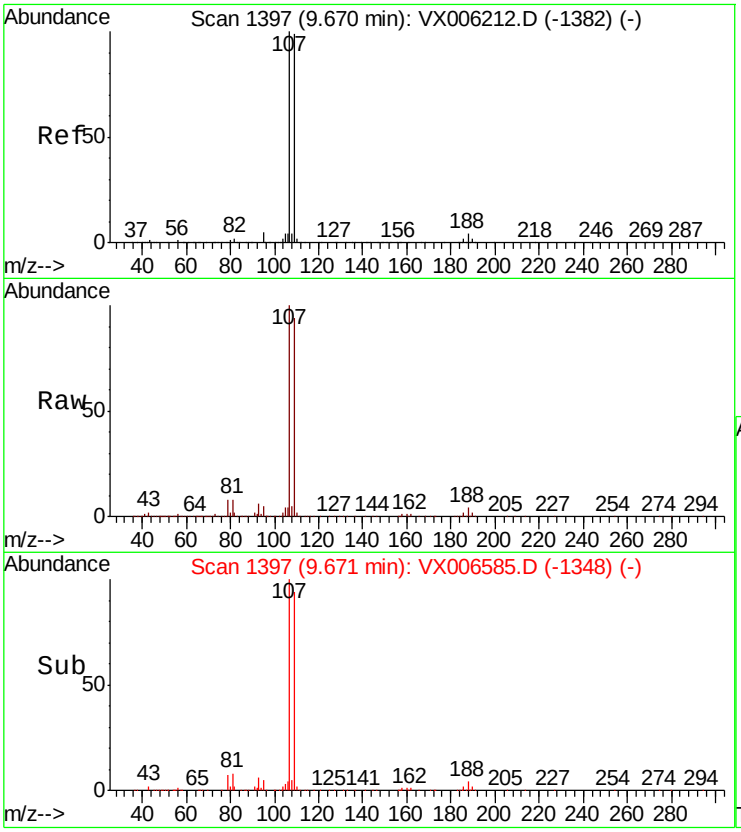




#60
Dibromochloromethane
Concen: 41.214 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion:129 Resp: 318686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.4 | 38.6 | 115.8 |



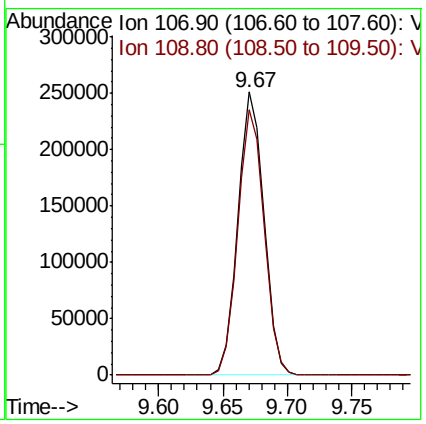


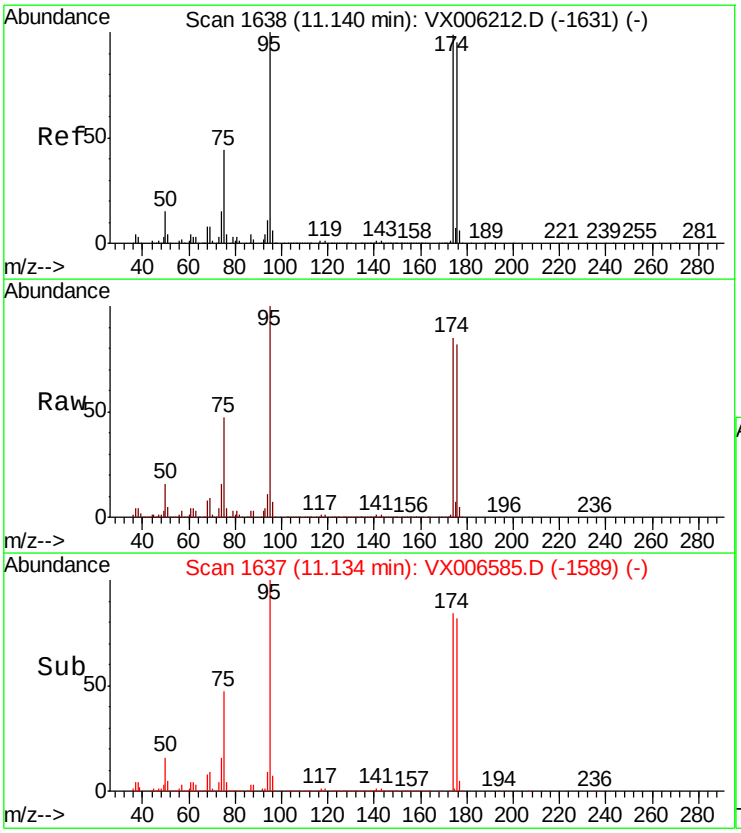

#61
1,2-Dibromoethane
Concen: 49.816 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:107 Resp: 349299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 95.2 | 76.3 | 114.5 |

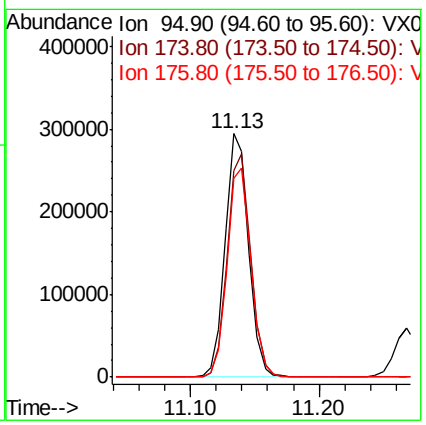


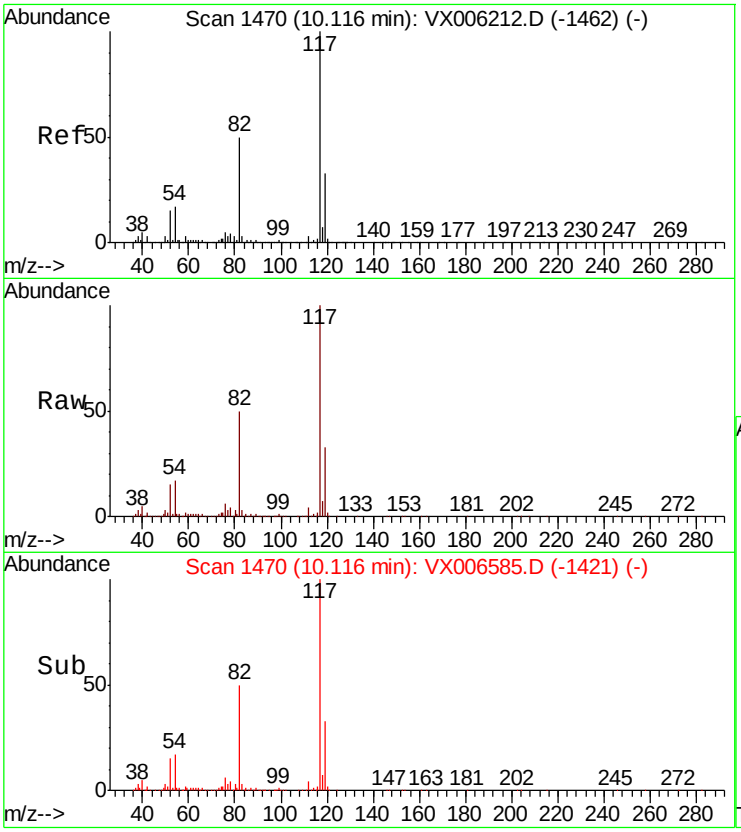




#62
4-Bromofluorobenzene
Concen: 45.677 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 95 Resp: 377085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 92.0 | 0.0 | 187.0 |
| 176 | 87.2 | 0.0 | 181.8 |



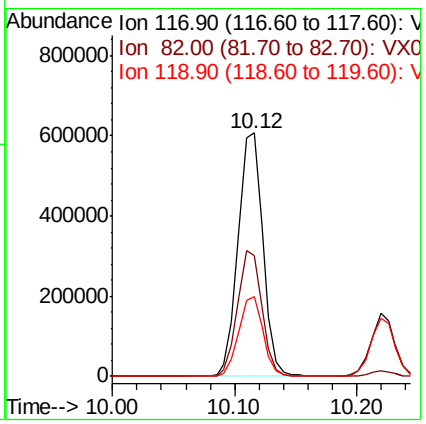


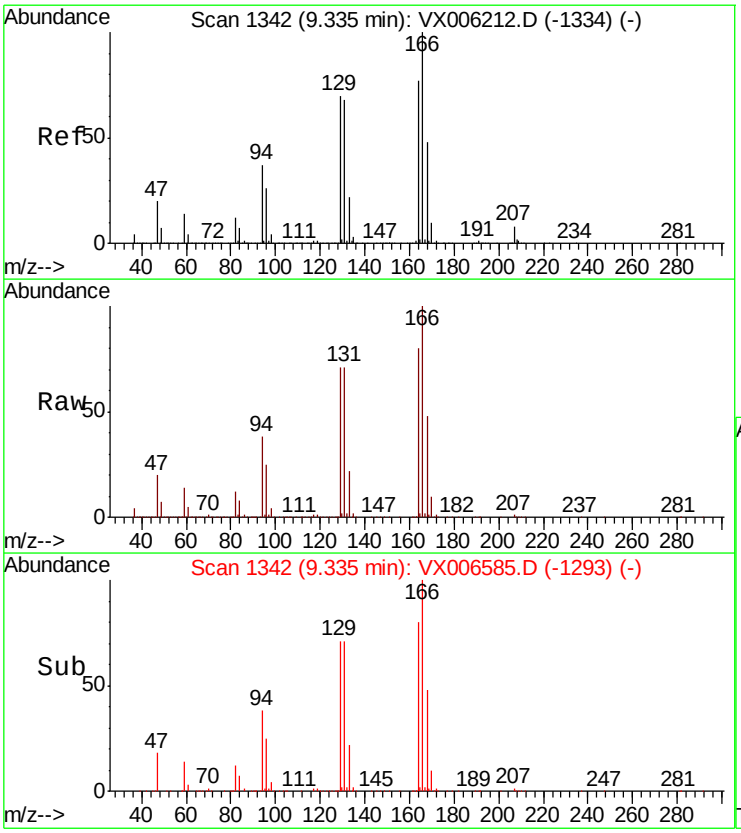

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:117 Resp: 851853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 49.5 | 39.6 | 59.4 |
| 119 | 32.8 | 26.3 | 39.5 |

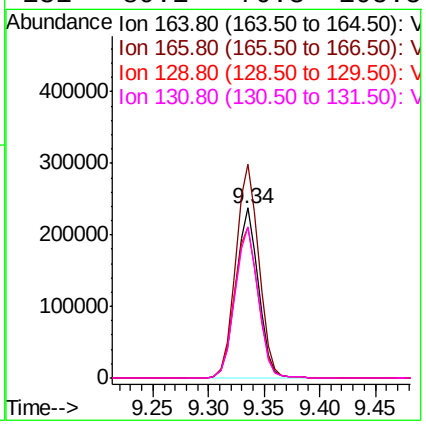


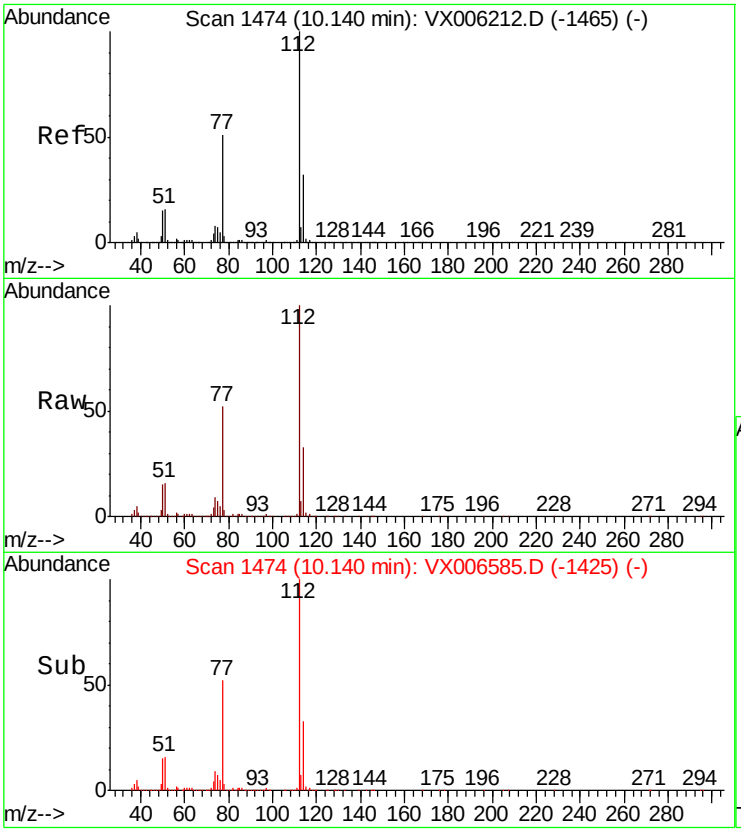




#64
Tetrachloroethene
Concen: 52.189 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion:164 Resp: 334807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 125.6 | 104.2 | 156.2 |
| 129 | 89.1 | 72.6 | 108.8 |
| 131 | 89.1 | 70.3 | 105.5 |



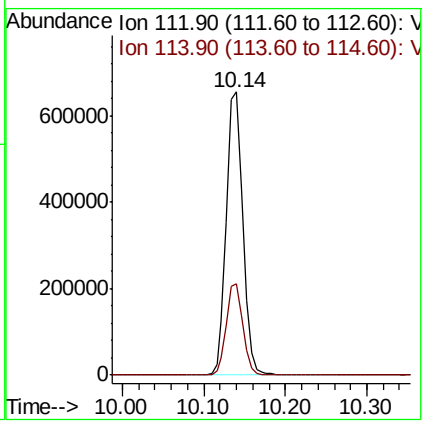


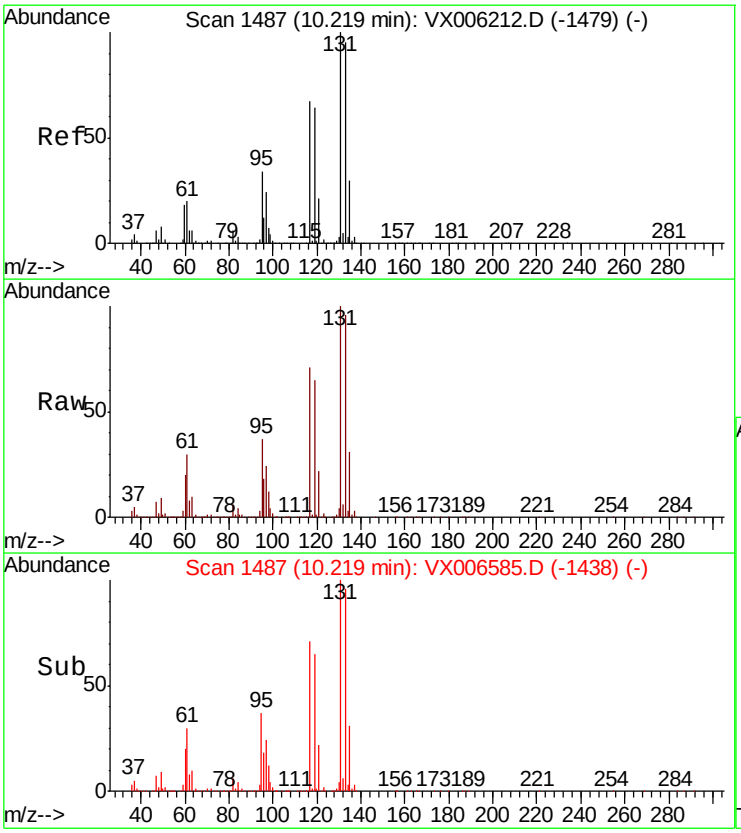

#65
Chlorobenzene
Concen: 50.409 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Tgt Ion:112 Resp: 911546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.5 | 25.4 | 38.2 |

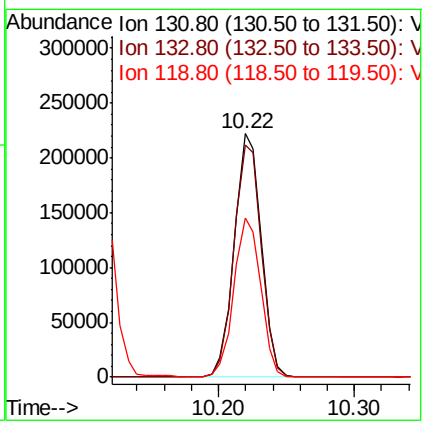


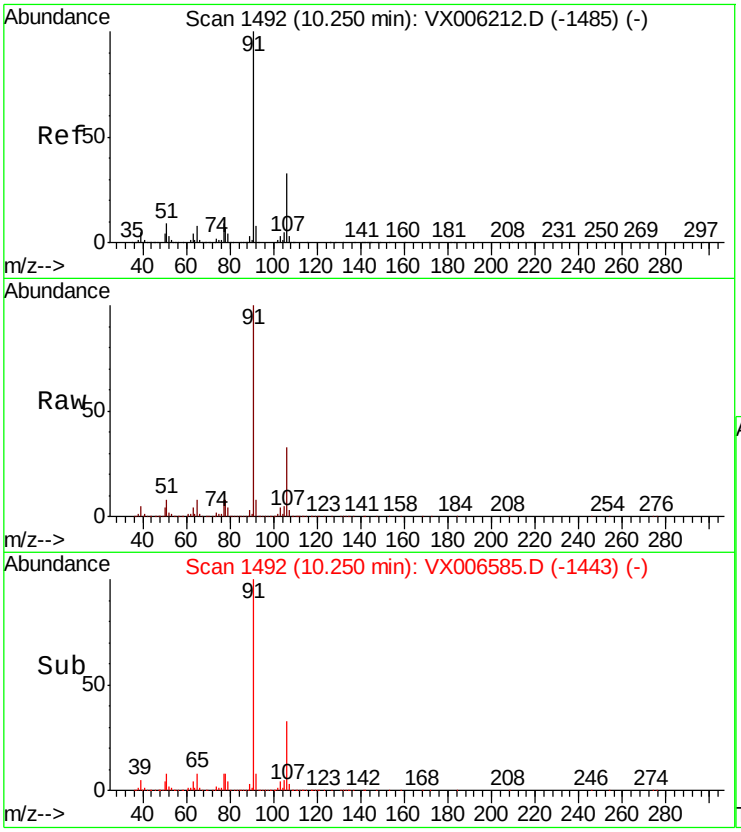




#66
1,1,1,2-Tetrachloroethane
Concen: 43.517 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion:131 Resp: 305747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 97.2 | 48.1 | 144.4 |
| 119 | 65.3 | 32.1 | 96.3 |



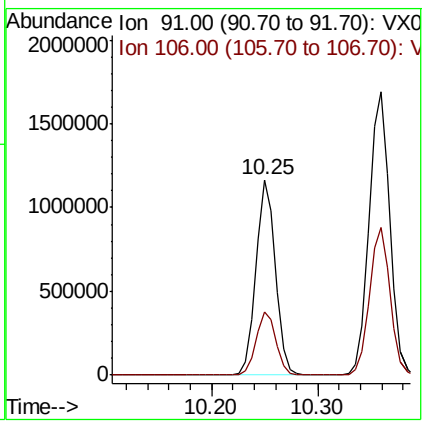


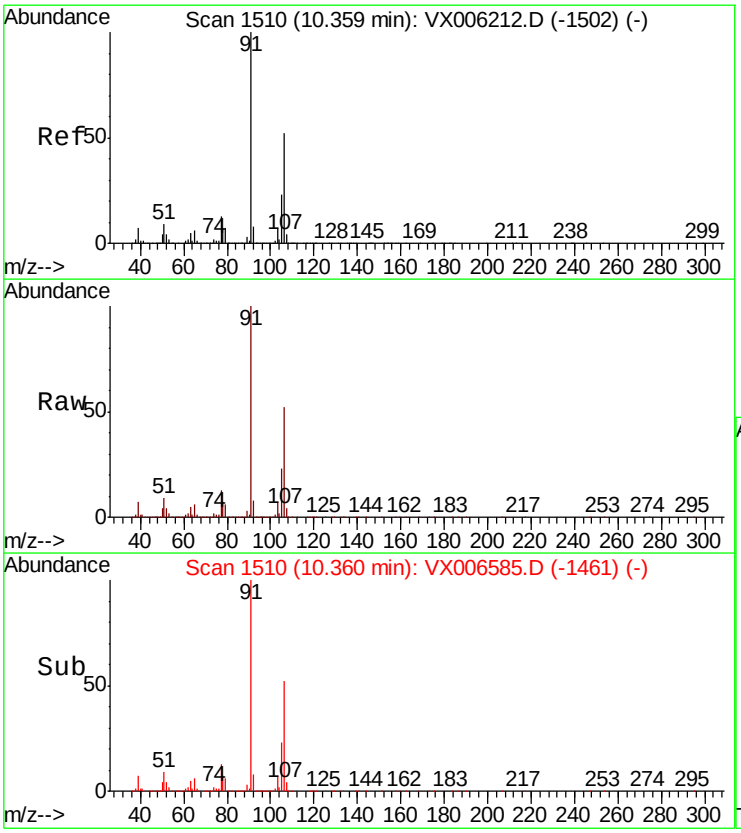

#67
Ethyl Benzene
Concen: 49.967 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 91 Resp: 1502776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 32.5 | 26.5 | 39.7 |

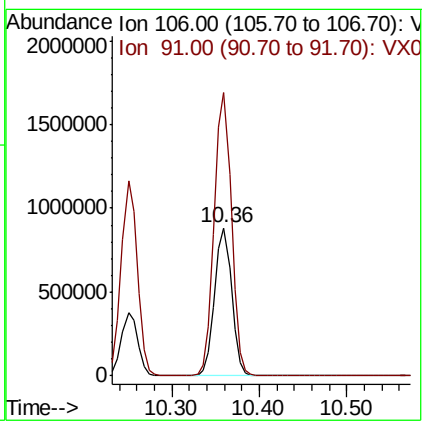


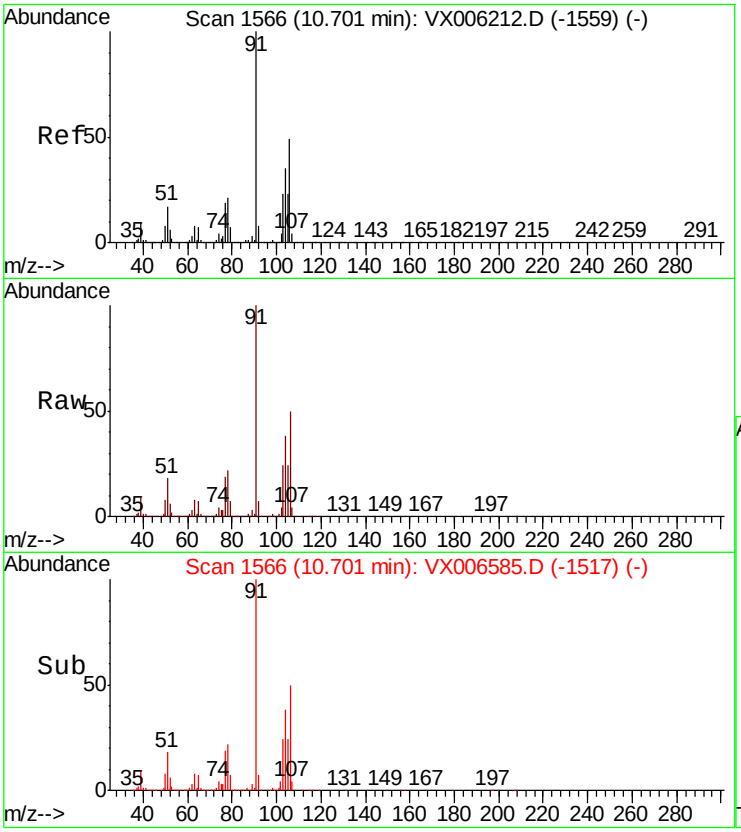




#68
m/p-Xylenes
Concen: 98.996 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion:106 Resp: 1192642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 193.2 | 155.2 | 232.8 |



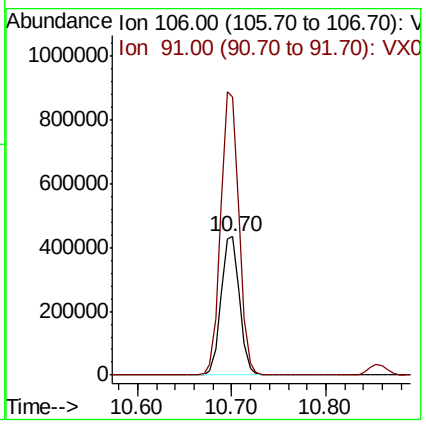


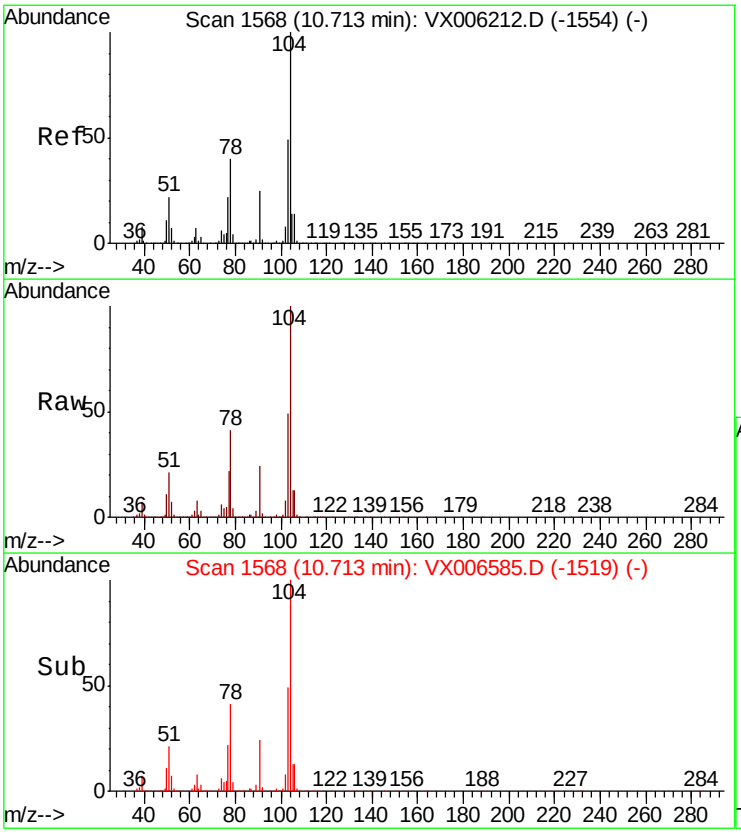

#69
o-Xylene
Concen: 49.364 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:106 Resp: 587436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 202.5 | 101.8 | 305.6 |

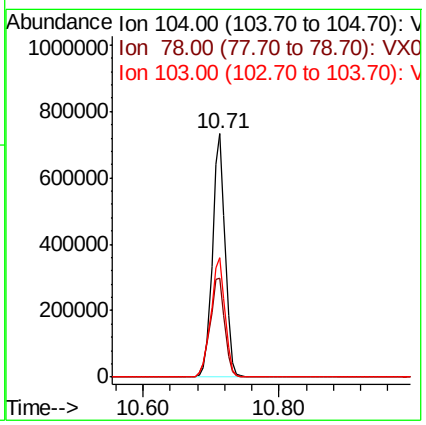


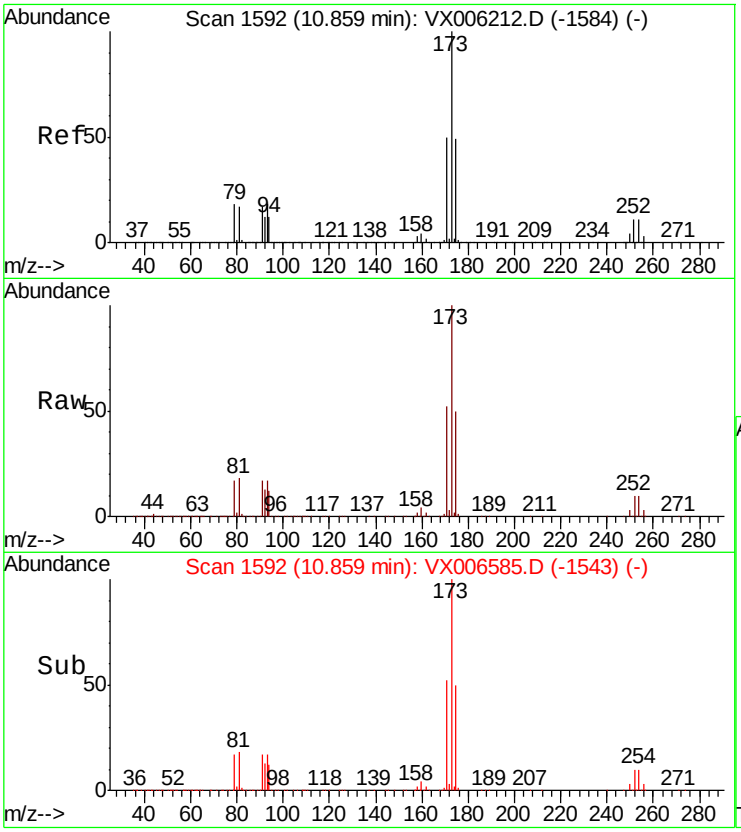




#70
Styrene
Concen: 49.280 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion:104 Resp: 948473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 47.1 | 37.2 | 55.8 |
| 103 | 54.8 | 43.5 | 65.3 |



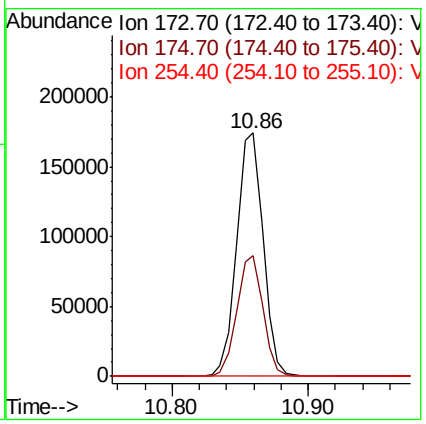


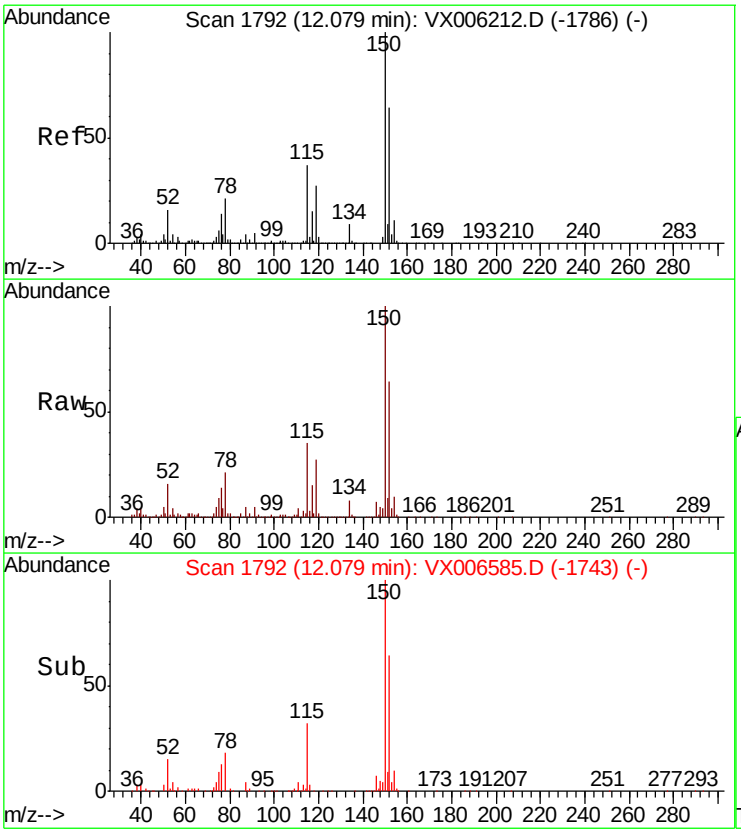

#71
Bromoform
Concen: 35.581 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:173 Resp: 235987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.8 | 24.6 | 73.8 |
| 254 | 0.2 | 0.2 | 0.2 |

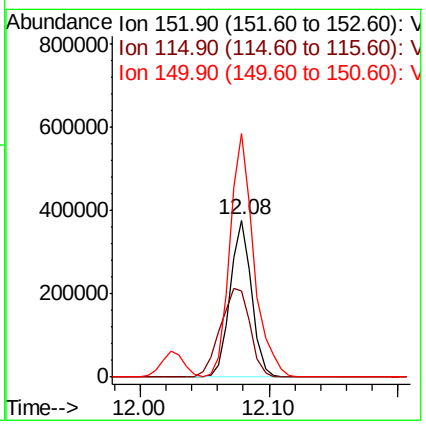


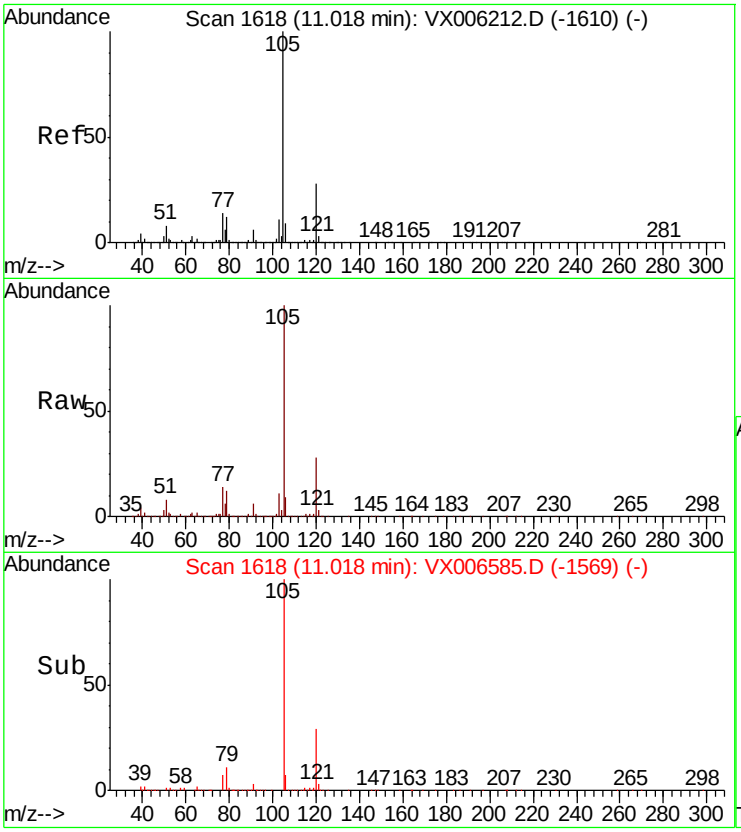




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion:152 Resp: 438806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 78.8 | 39.0 | 116.9 |
| 150 | 172.8 | 0.0 | 345.8 |



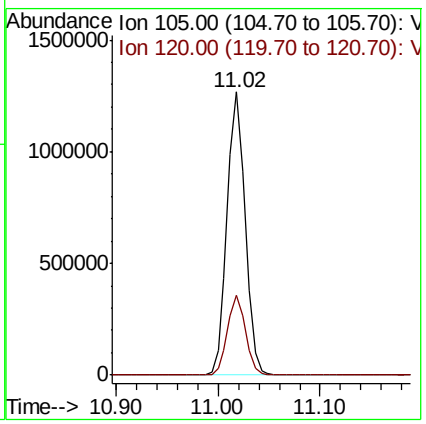


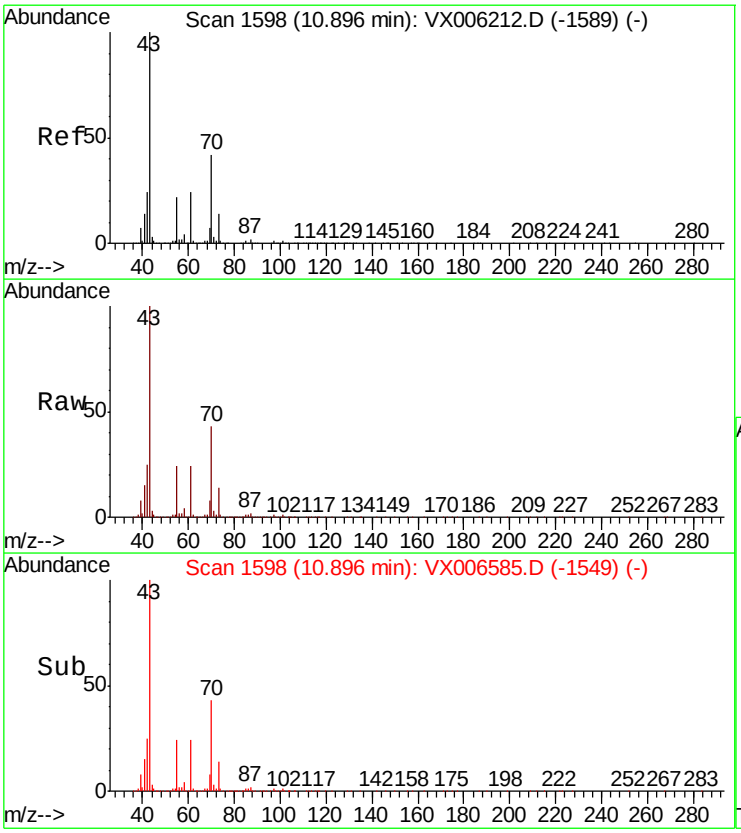

#73
Isopropylbenzene
Concen: 51.249 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Tgt Ion:105 Resp: 1553026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.9 | 14.1 | 42.3 |

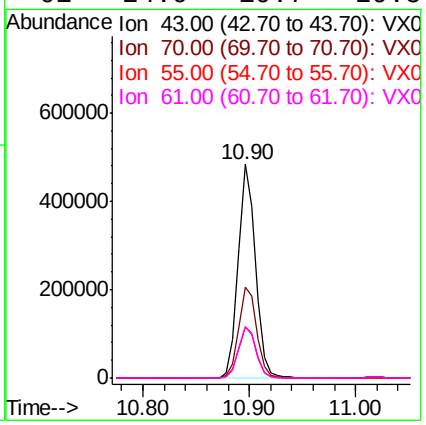


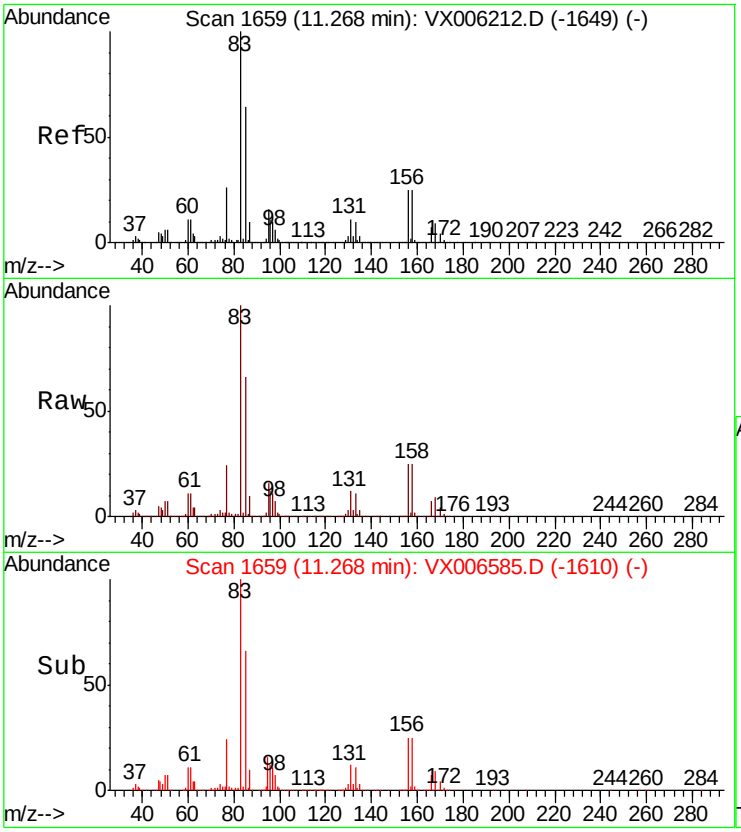




#74
N-amyl acetate
Concen: 42.572 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 43 Resp: 555539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 44.5 | 34.1 | 51.1 |
| 55 | 24.4 | 17.8 | 26.8 |
| 61 | 24.9 | 19.7 | 29.5 |



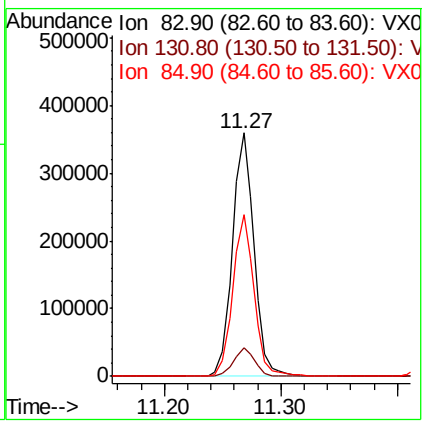


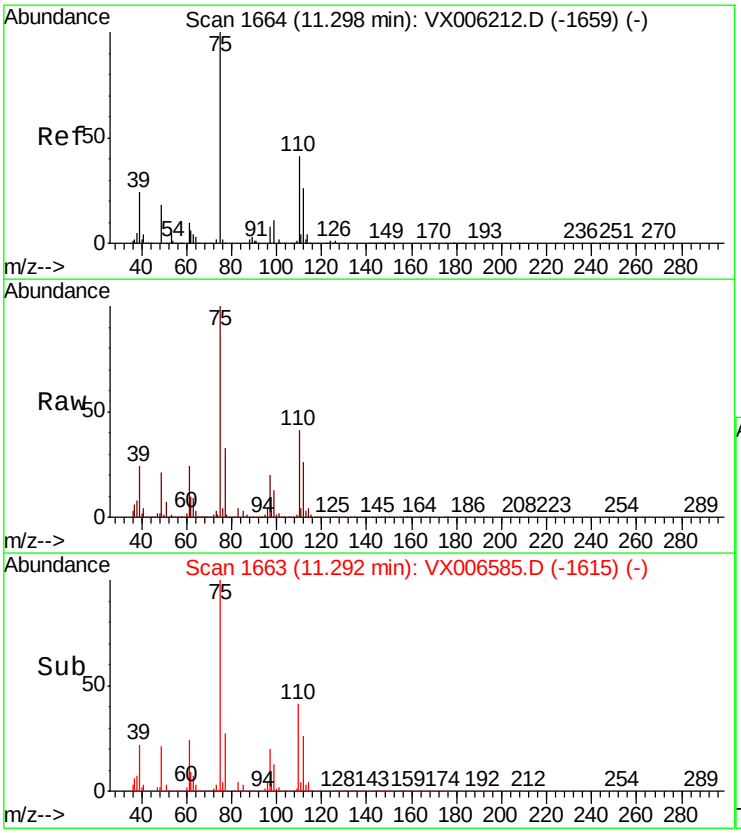

#75
1,1,2,2-Tetrachloroethane
Concen: 47.769 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 83 Resp: 463102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.4 | 5.7 | 17.1 |
| 85 | 65.3 | 32.1 | 96.5 |

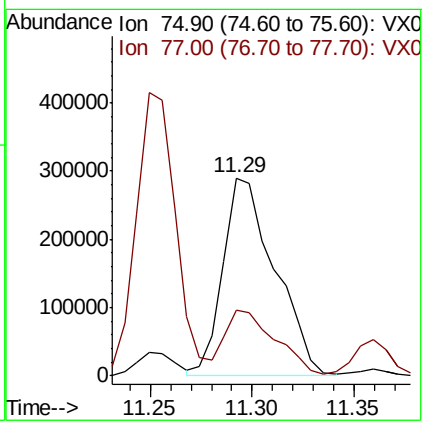


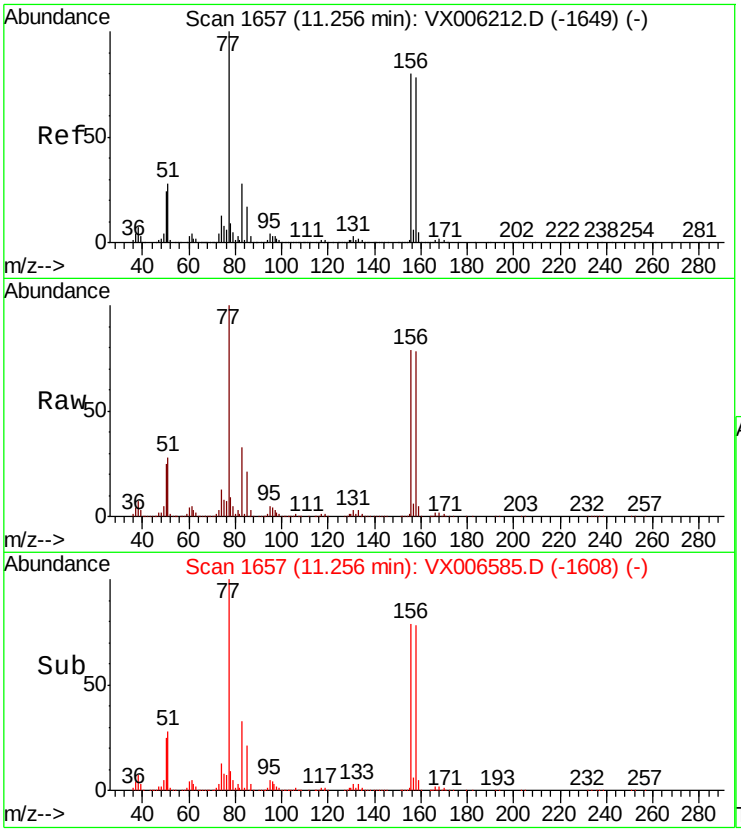




#76
1,2,3-Trichloropropane
Concen: 60.541 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 75 Resp: 512758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.0 | 19.9 | 59.7 |



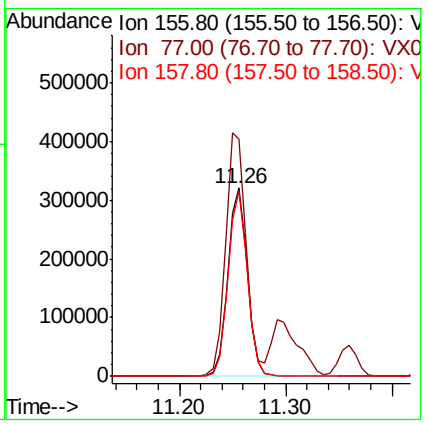


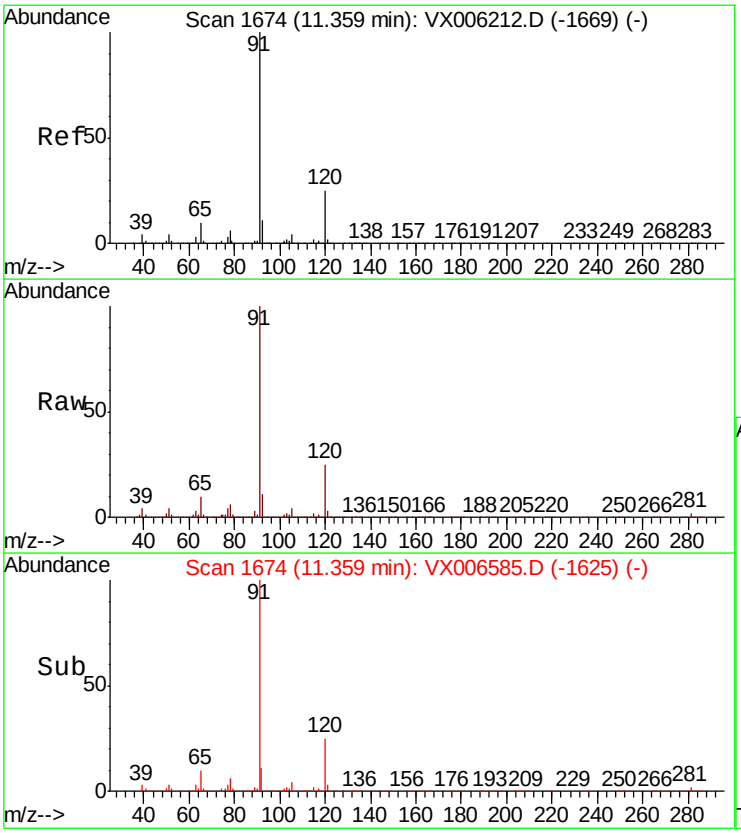

#77
Bromobenzene
Concen: 48.951 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:156 Resp: 411668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 136.2 | 66.2 | 198.6 |
| 158 | 97.6 | 48.8 | 146.4 |

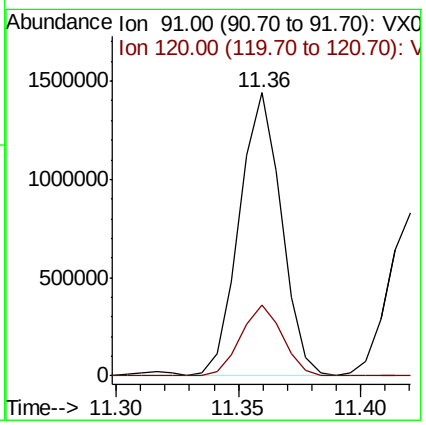


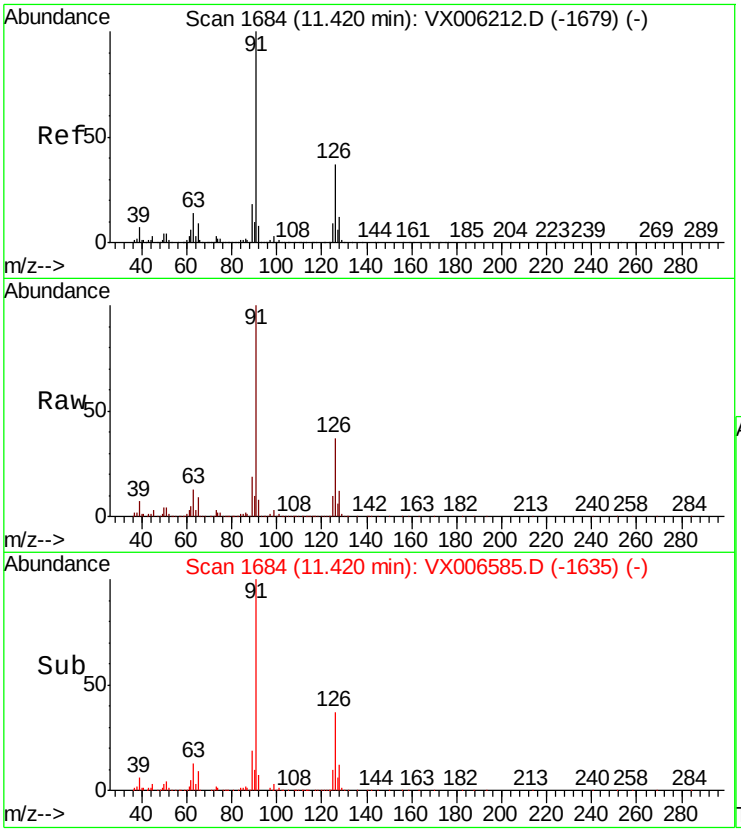




#78
n-propylbenzene
Concen: 50.718 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 91 Resp: 1708441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 25.1 | 12.7 | 38.0 |



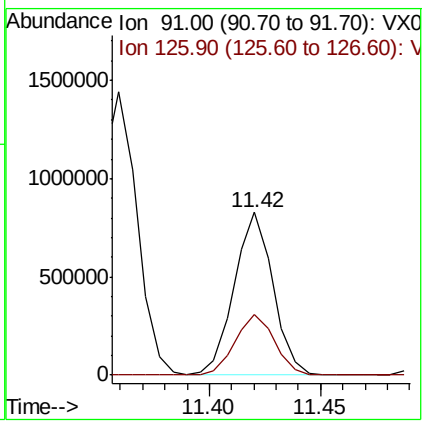


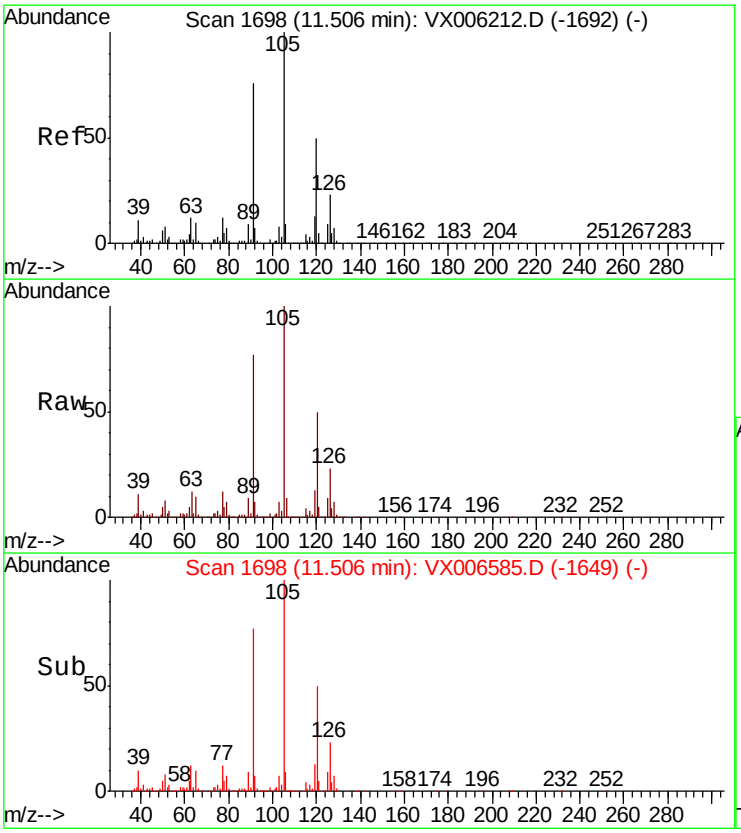

#79
2-Chlorotoluene
Concen: 50.044 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 91 Resp: 1001942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 38.2 | 18.6 | 56.0 |

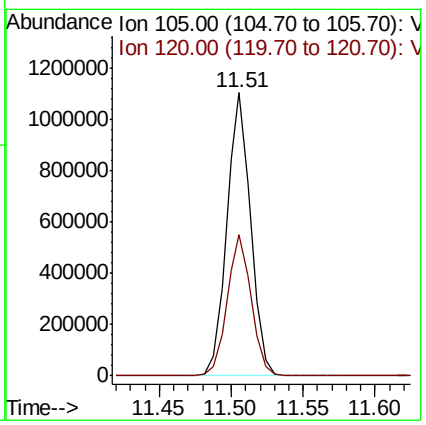


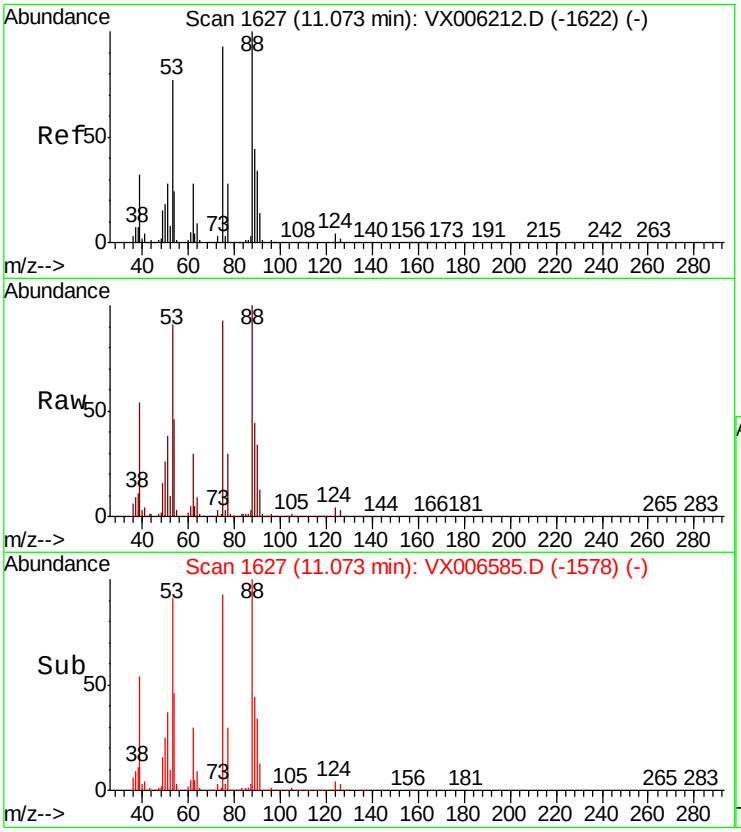




#80
1,3,5-Trimethylbenzene
Concen: 50.563 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion:105 Resp: 1274850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 50.3 | 25.4 | 76.0 |



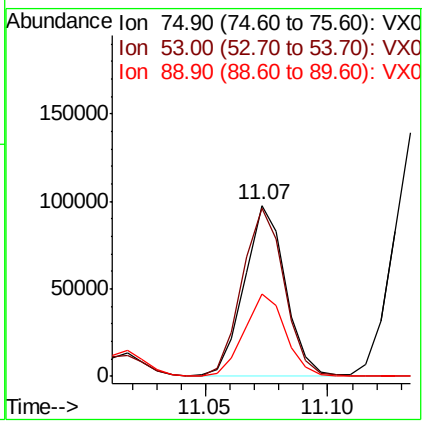


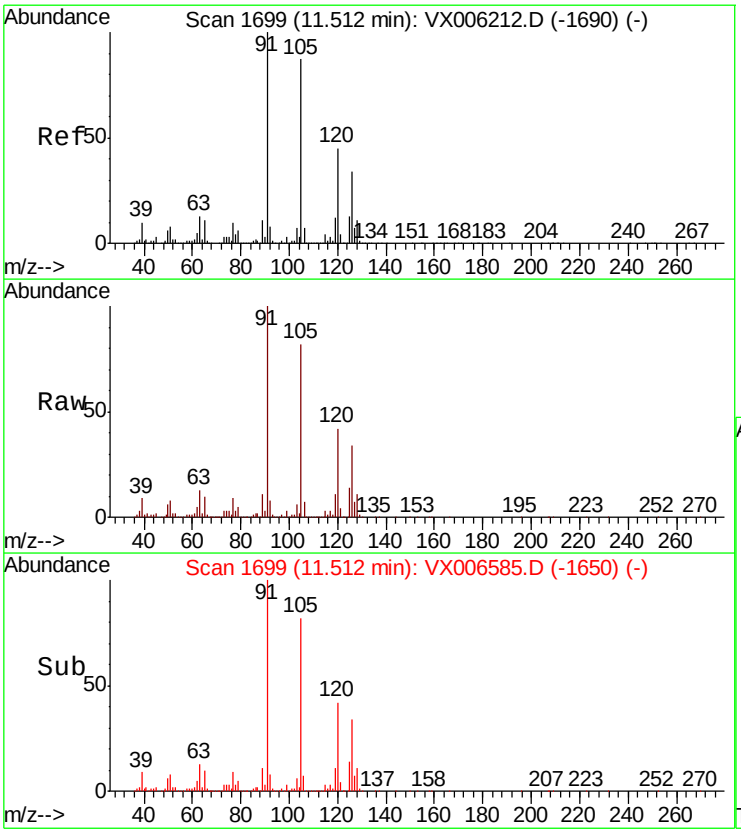

#81
trans-1,4-Dichloro-2-butene
Concen: 31.594 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 75 Resp: 114029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 101.3 | 64.4 | 96.6# |
| 89 | 48.9 | 44.2 | 66.4 |

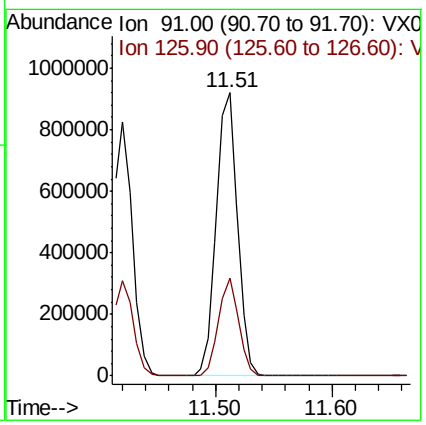


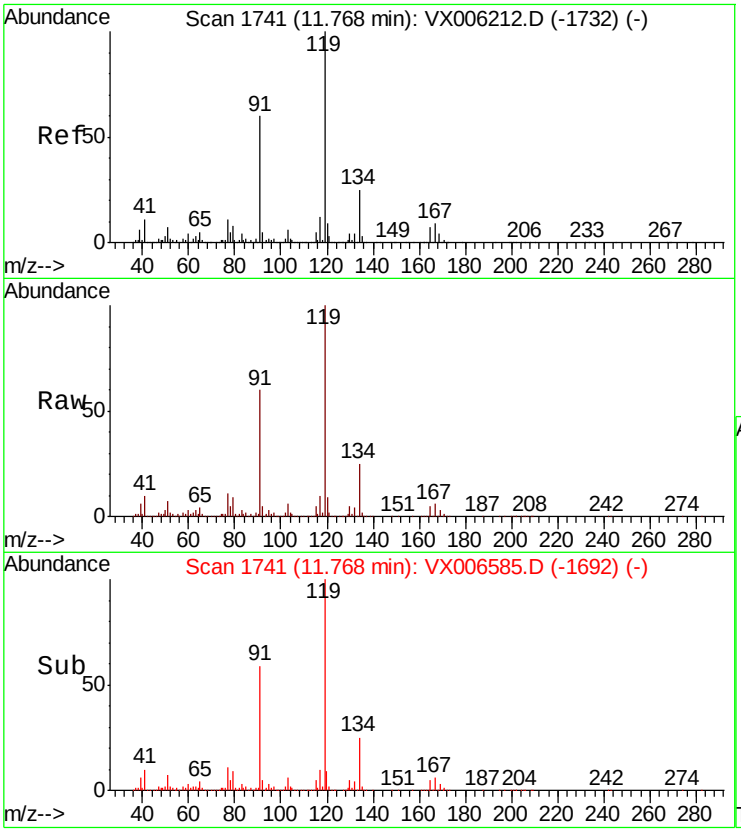




#82
4-Chlorotoluene
Concen: 49.653 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 91 Resp: 1155810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.0 | 16.4 | 49.4 |



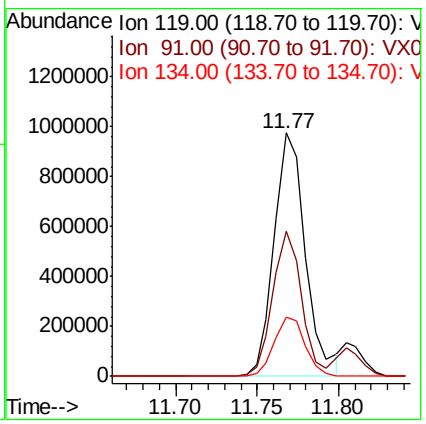


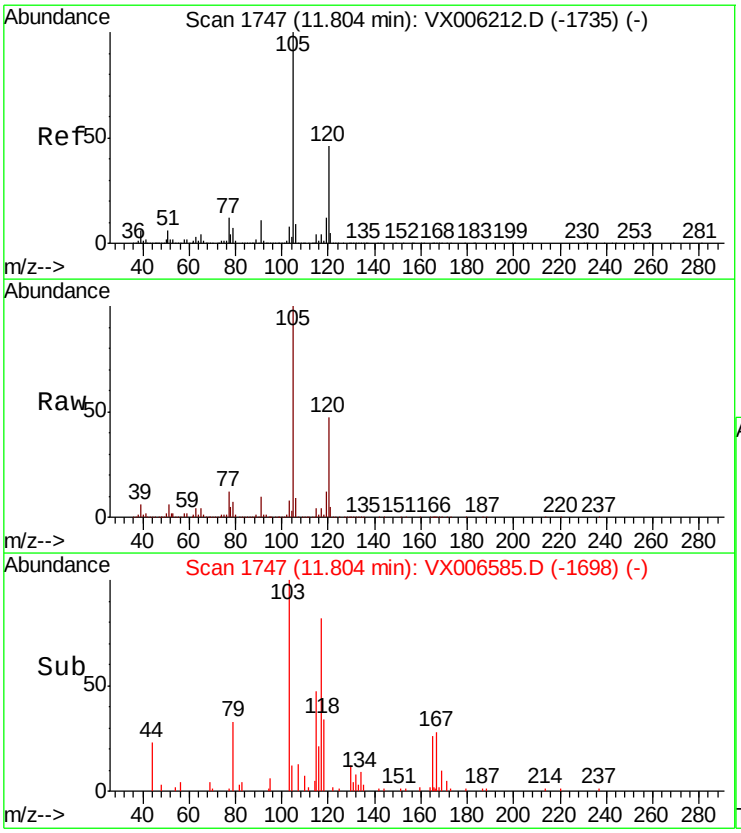

#83
tert-Butylbenzene
Concen: 48.623 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:119 Resp: 1308041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 54.9 | 26.4 | 79.2 |
| 134 | 23.9 | 11.6 | 34.7 |

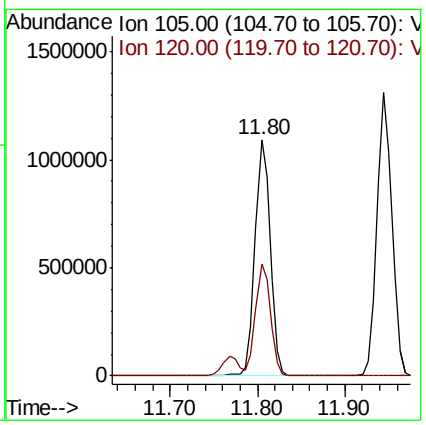


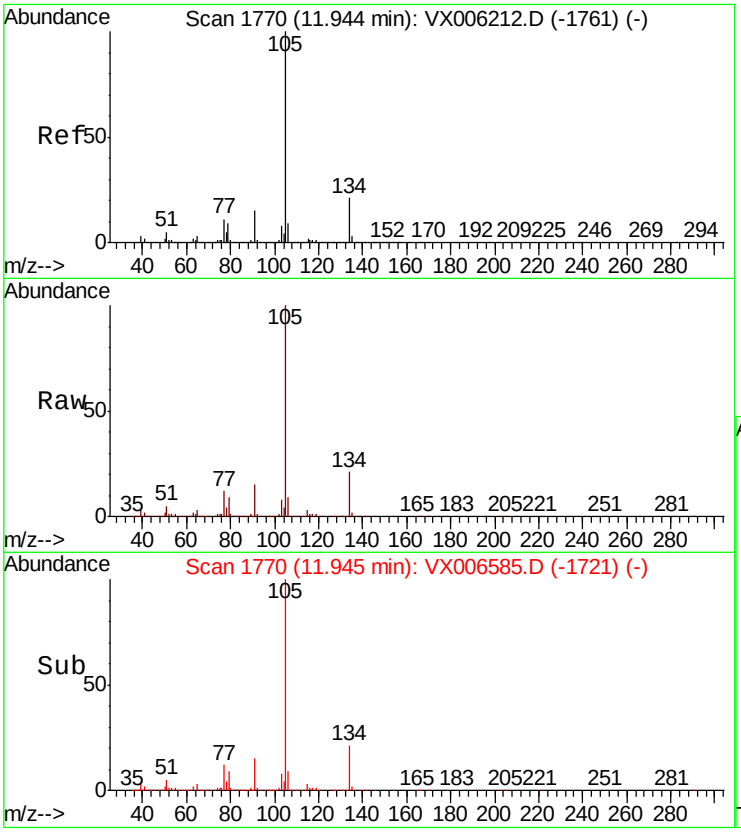




#84
1,2,4-Trimethylbenzene
Concen: 50.290 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion:105 Resp: 1309298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.4 | 23.4 | 70.0 |



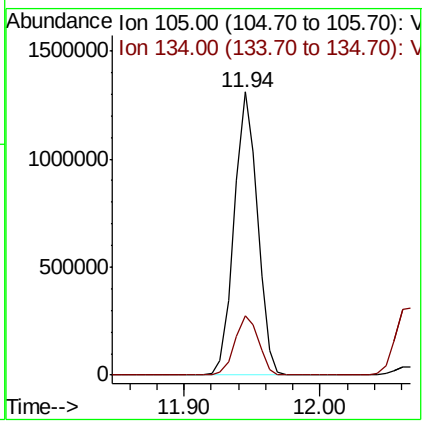


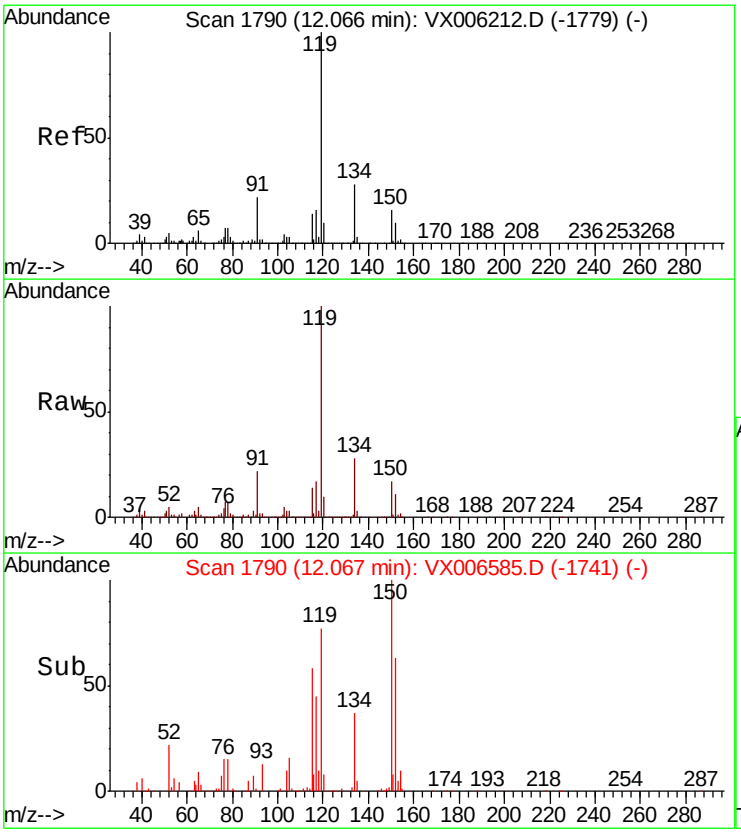

#85
sec-Butylbenzene
Concen: 50.981 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Tgt Ion:105 Resp: 1560253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 21.5 | 10.8 | 32.4 |

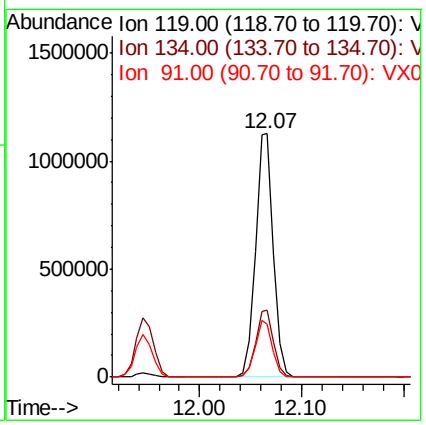


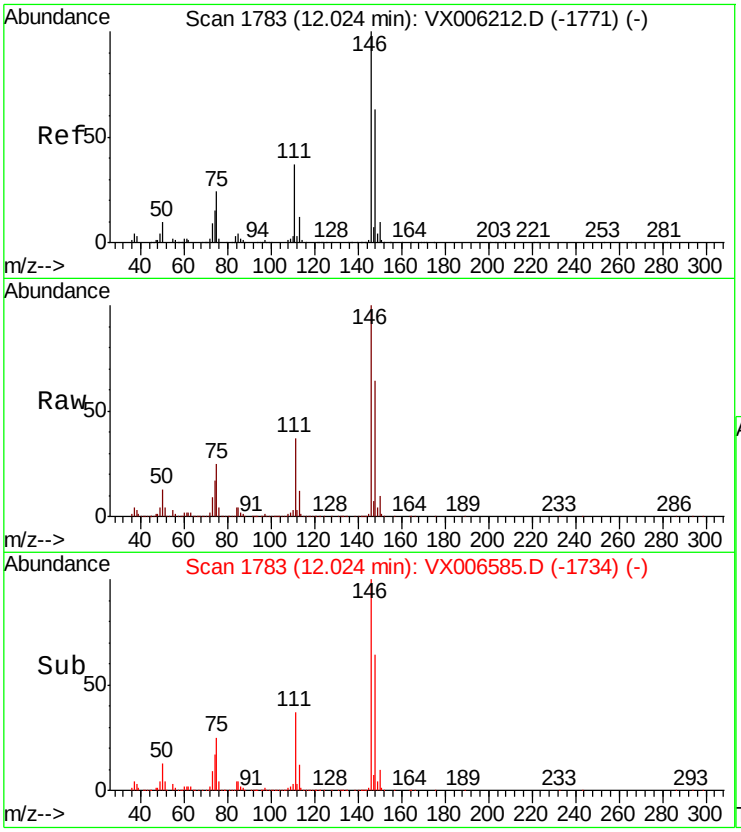




#86
p-Isopropyltoluene
Concen: 50.180 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion:119 Resp: 1382862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.3 | 13.9 | 41.6 |
| 91 | 22.5 | 11.3 | 33.8 |



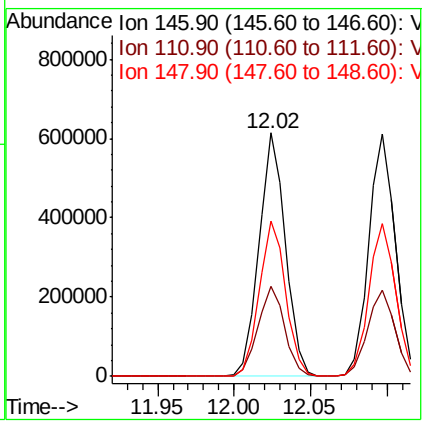


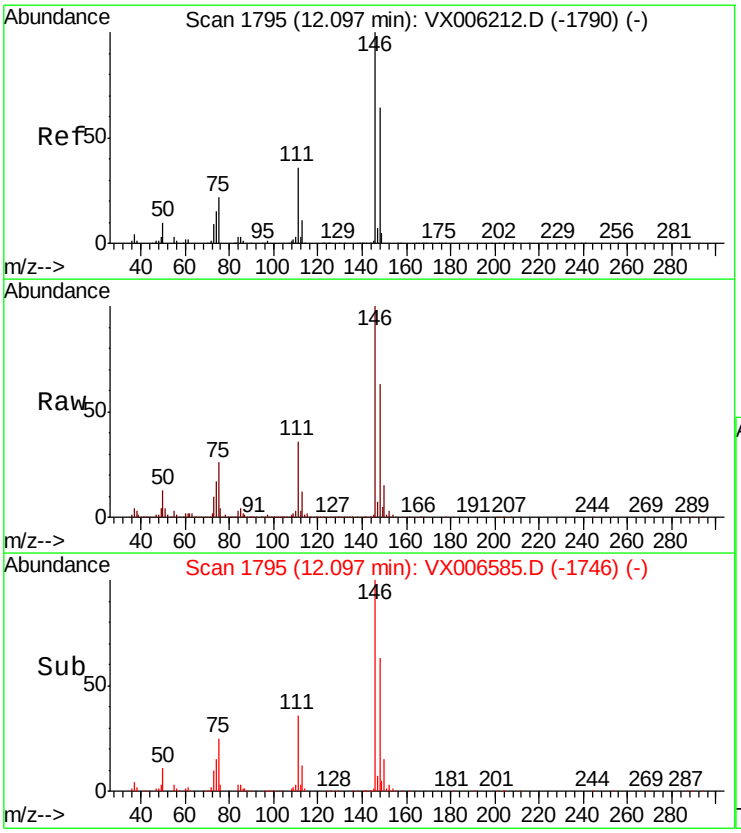

#87
1,3-Dichlorobenzene
Concen: 49.525 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:146 Resp: 741091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.5 | 18.4 | 55.2 |
| 148 | 64.0 | 32.0 | 96.0 |

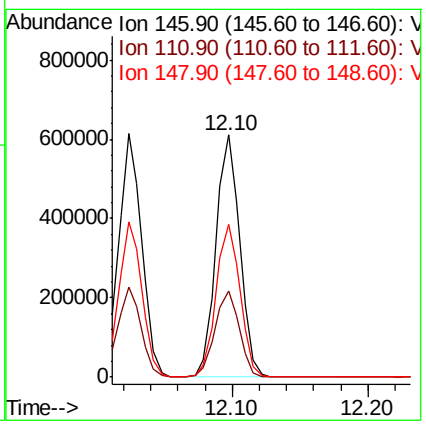


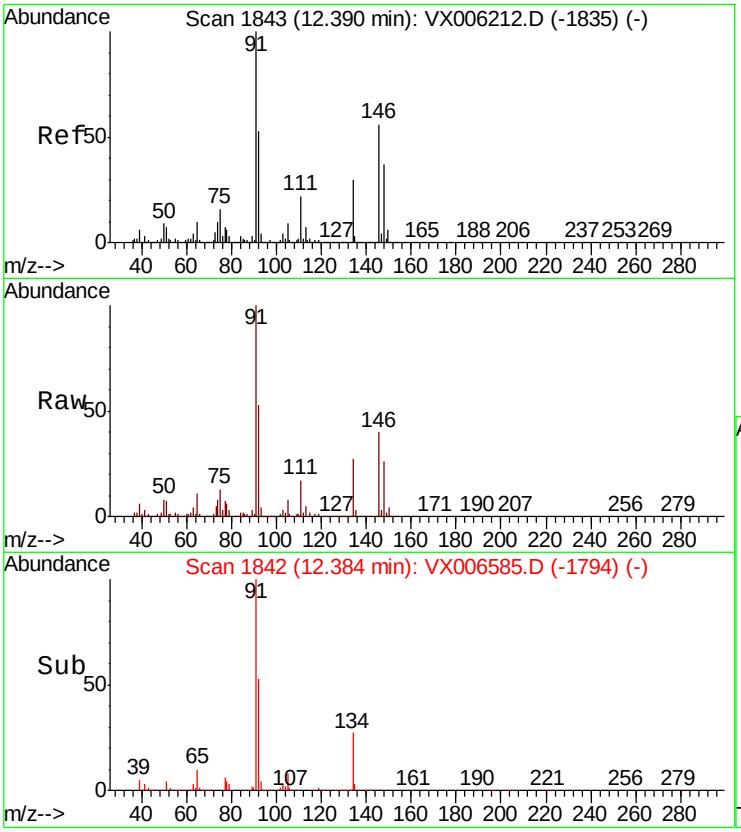




#88
1,4-Dichlorobenzene
Concen: 48.638 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion:146 Resp: 738713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 36.5 | 18.3 | 54.8 |
| 148 | 63.9 | 31.9 | 95.9 |



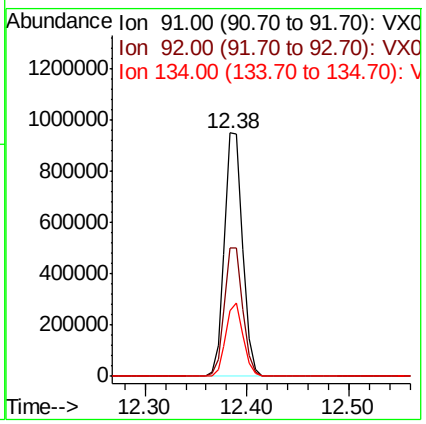


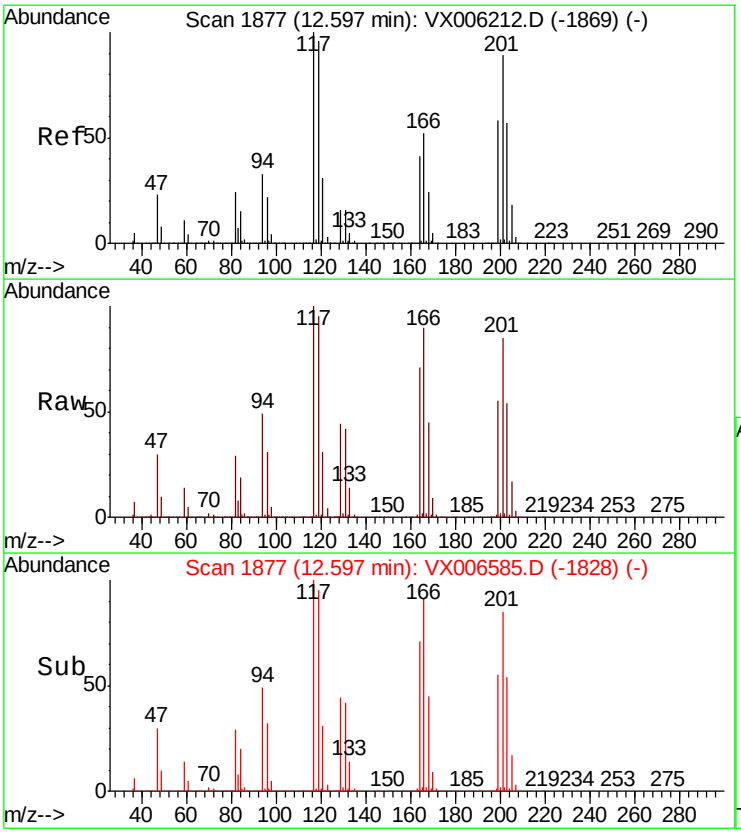

#89
n-Butylbenzene
Concen: 49.613 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 91 Resp: 1166598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.9 | 26.6 | 79.8 |
| 134 | 28.8 | 14.8 | 44.3 |

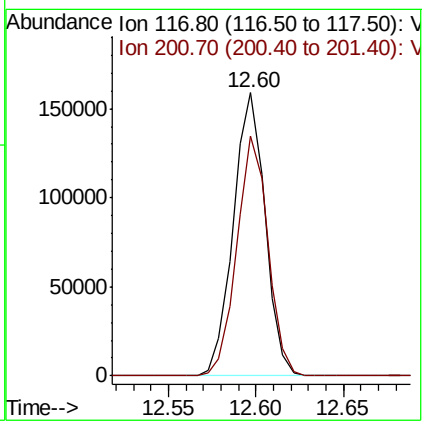


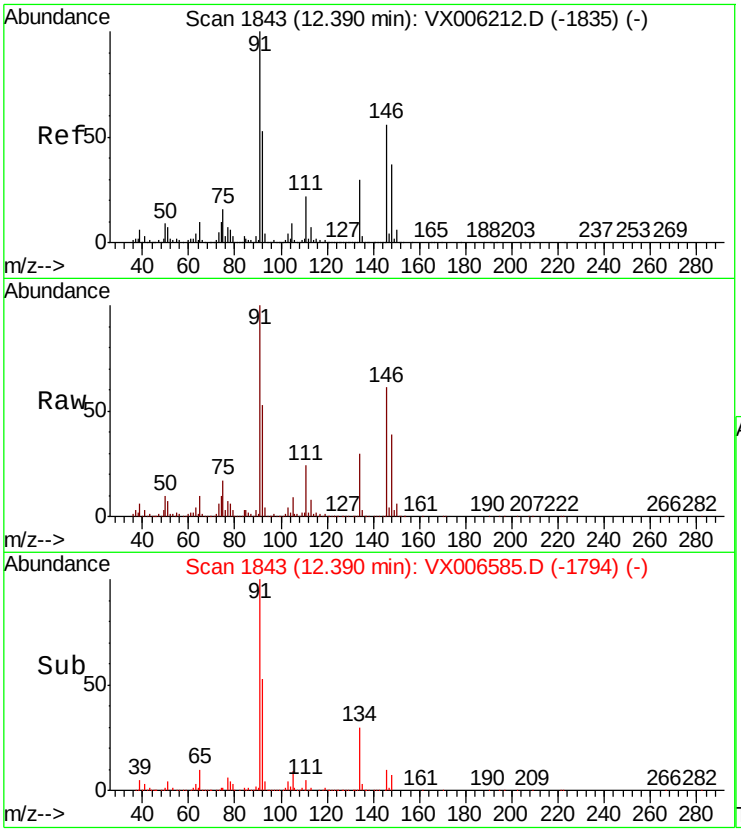




#90
Hexachloroethane
Concen: 35.754 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion:117 Resp: 200815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 83.2 | 44.7 | 134.1 |



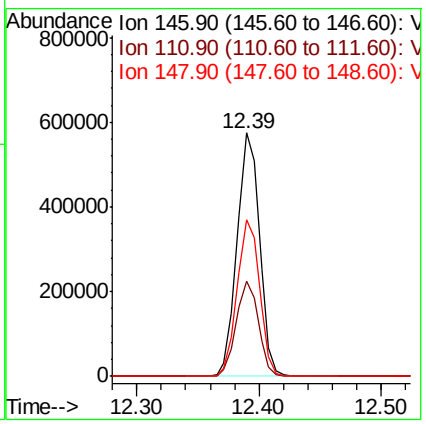


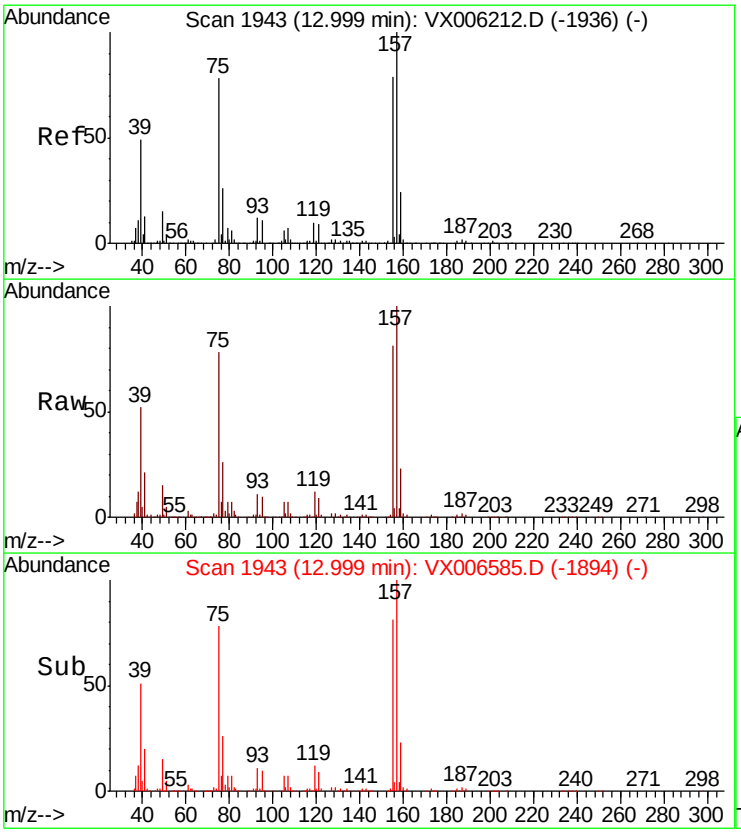

#91
1,2-Dichlorobenzene
Concen: 48.884 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:146 Resp: 725991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.6 | 19.1 | 57.3 |
| 148 | 64.3 | 32.1 | 96.3 |

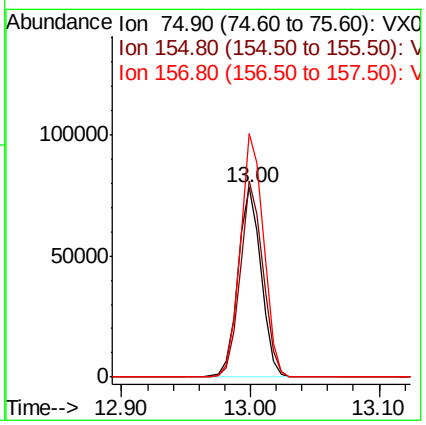


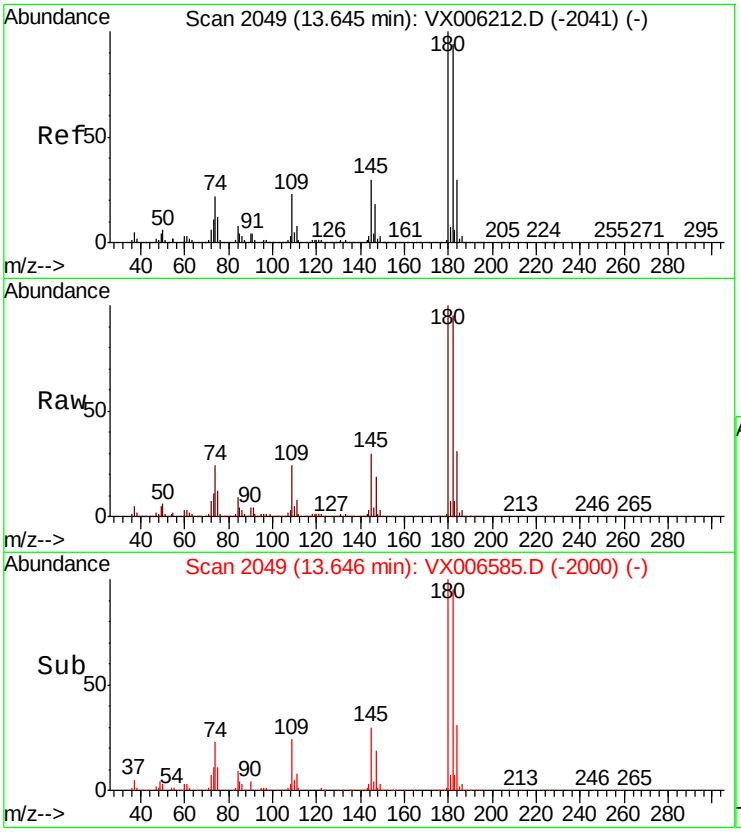




#92
1,2-Dibromo-3-Chloropropane
Concen: 39.170 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 75 Resp: 97344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 100.6 | 53.4 | 160.3 |
| 157 | 129.0 | 68.0 | 203.8 |



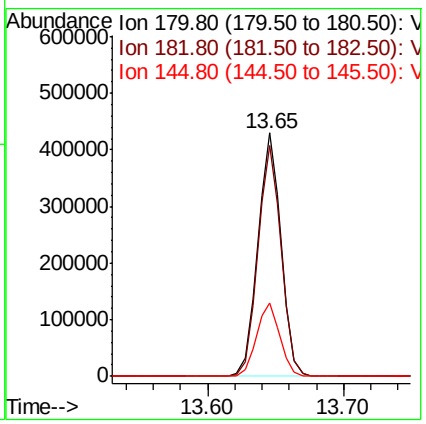


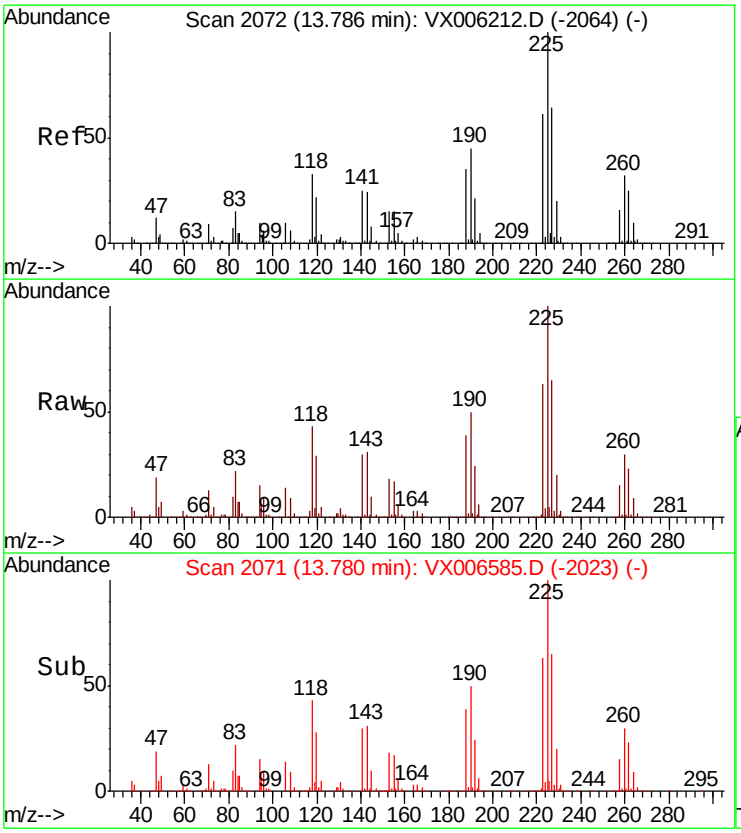

#93
1,2,4-Trichlorobenzene
Concen: 47.395 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:180 Resp: 513515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.9 | 47.3 | 141.9 |
| 145 | 30.1 | 14.6 | 43.8 |

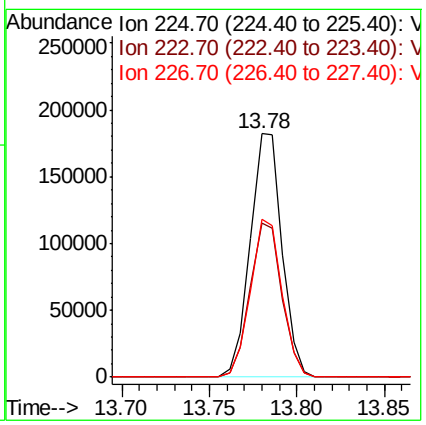


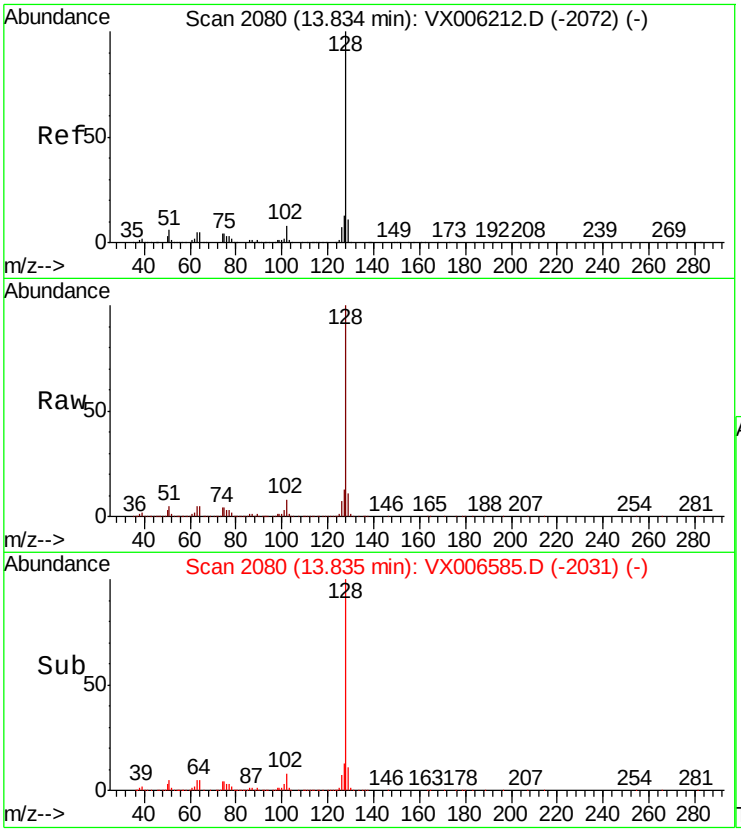




#94
Hexachlorobutadiene
Concen: 48.062 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.01 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion:225 Resp: 230296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.8 | 31.2 | 93.6 |
| 227 | 64.5 | 31.9 | 95.5 |



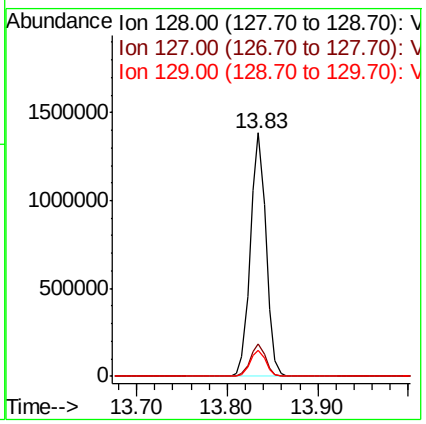


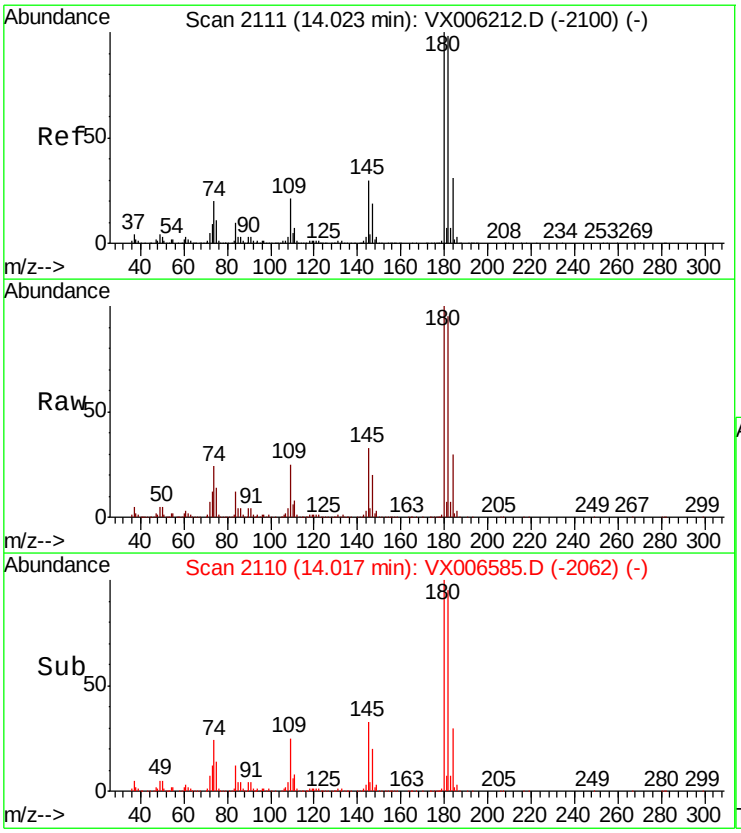

#95
Naphthalene
Concen: 48.801 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:128 Resp: 1644750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.2 | 10.2 | 15.4 |
| 129 | 11.0 | 8.9 | 13.3 |




#96
1,2,3-Trichlorobenzene
Concen: 48.631 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion:180 Resp: 521891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.9 | 48.4 | 145.2 |
| 145 | 31.9 | 15.6 | 46.8 |