Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051519\
Data File : VX009569.D
Acq On : 15 May 2019 10:30
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: May 16 01:07:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.66 | 168 | 163446 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.85 | 114 | 252086 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 228976 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 119377 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 108292 | 48.53 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.06% | | | |
| 35) Dibromofluoromethane | 5.49 | 113 | 81003 | 51.12 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.24% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 324840 | 50.77 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.54% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 123132 | 52.97 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 105.94% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 63316 | 42.038 | ug/l | 99 |
| 3) Chloromethane | 1.32 | 50 | 91814 | 44.650 | ug/l | 99 |
| 4) Vinyl Chloride | 1.41 | 62 | 90380 | 45.073 | ug/l | 97 |
| 5) Bromomethane | 1.64 | 94 | 53275 | 44.266 | ug/l | 97 |
| 6) Chloroethane | 1.71 | 64 | 58376 | 45.344 | ug/l | 99 |
| 7) Trichlorofluoromethane | 1.93 | 101 | 116072 | 47.621 | ug/l | 100 |
| 8) Diethyl Ether | 2.19 | 74 | 53076 | 45.971 | ug/l | 98 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 72346 | 47.266 | ug/l | 98 |
| 10) Methyl Iodide | 2.51 | 142 | 84994 | 47.995 | ug/l | 99 |
| 11) Tert butyl alcohol | 3.04 | 59 | 102696 | 198.840 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 71714 | 46.762 | ug/l | 96 |
| 13) Acrolein | 2.29 | 56 | 98066 | 209.661 | ug/l | 100 |
| 14) Allyl chloride | 2.73 | 41 | 171247 | 45.820 | ug/l | 99 |
| 15) Acrylonitrile | 3.14 | 53 | 279070 | 220.989 | ug/l | 100 |
| 16) Acetone | 2.44 | 43 | 297313 | 248.157 | ug/l | 98 |
| 17) Carbon Disulfide | 2.57 | 76 | 198358 | 46.069 | ug/l | 99 |
| 18) Methyl Acetate | 2.77 | 43 | 122520 | 43.000 | ug/l | 100 |
| 19) Methyl tert-butyl Ether | 3.19 | 73 | 276149 | 46.370 | ug/l | 100 |
| 20) Methylene Chloride | 2.85 | 84 | 86139 | 44.405 | ug/l | 97 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 78150 | 46.988 | ug/l | 96 |
| 22) Diisopropyl ether | 3.85 | 45 | 338503 | 47.097 | ug/l | 92 |
| 23) Vinyl Acetate | 3.81 | 43 | 1483148 | 240.979 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 3.70 | 63 | 162771 | 45.907 | ug/l | 99 |
| 25) 2-Butanone | 4.67 | 43 | 430936 | 231.464 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 4.58 | 77 | 122858 | 46.552 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.59 | 96 | 93019 | 46.856 | ug/l | 99 |
| 28) Bromochloromethane | 5.01 | 49 | 65528 | 45.674 | ug/l | 98 |
| 29) Tetrahydrofuran | 5.12 | 42 | 266520 | 222.461 | ug/l | 100 |
| 30) Chloroform | 5.21 | 83 | 152175 | 47.454 | ug/l | 98 |
| 31) Cyclohexane | 5.57 | 56 | 158615 | 48.083 | ug/l | 95 |
| 32) 1,1,1-Trichloroethane | 5.49 | 97 | 124301 | 46.563 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.79 | 75 | 116076 | 49.549 | ug/l | 100 |
| 37) Ethyl Acetate | 4.83 | 43 | 155637 | 47.682 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.78 | 117 | 106584 | 50.076 | ug/l | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051519\
Data File : VX009569.D
Acq On : 15 May 2019 10:30
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: May 16 01:07:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.46 | 83 | 146624 | 50.964 | ug/l | | 99 |
| 40) Benzene | 6.14 | 78 | 354207 | 48.855 | ug/l | | 100 |
| 41) Methacrylonitrile | 5.04 | 41 | 89655 | 46.143 | ug/l | | 99 |
| 42) 1,2-Dichloroethane | 6.19 | 62 | 127719 | 49.109 | ug/l | | 100 |
| 43) Isopropyl Acetate | 6.44 | 43 | 248458 | 47.588 | ug/l | | 100 |
| 44) Trichloroethene | 7.21 | 130 | 86025 | 49.080 | ug/l | | 98 |
| 45) 1,2-Dichloropropane | 7.51 | 63 | 100927 | 49.162 | ug/l | | 96 |
| 46) Dibromomethane | 7.66 | 93 | 56897 | 47.726 | ug/l | | 97 |
| 47) Bromodichloromethane | 7.89 | 83 | 117519 | 49.418 | ug/l | | 97 |
| 48) Methyl methacrylate | 7.76 | 41 | 126058 | 48.666 | ug/l | | 99 |
| 49) 1,4-Dioxane | 7.74 | 88 | 41833 | 796.362 | ug/l | | 97 |
| 51) 4-Methyl-2-Pentanone | 8.64 | 43 | 816516 | 239.268 | ug/l | | 99 |
| 52) Toluene | 8.78 | 92 | 216799 | 49.192 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 135961 | 50.640 | ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 8.43 | 75 | 148898 | 50.105 | ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 88410 | 49.171 | ug/l | | 99 |
| 56) Ethyl methacrylate | 9.18 | 69 | 156684 | 48.818 | ug/l | | 99 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 155168 | 49.041 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.30 | 63 | 399743 | 234.777 | ug/l | | 100 |
| 59) 2-Hexanone | 9.49 | 43 | 654253 | 244.108 | ug/l | | 99 |
| 60) Dibromochloromethane | 9.58 | 129 | 87763 | 49.977 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 88862 | 48.961 | ug/l | | 99 |
| 64) Tetrachloroethene | 9.34 | 164 | 80027 | 50.951 | ug/l | | 98 |
| 65) Chlorobenzene | 10.13 | 112 | 228125 | 49.803 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.22 | 131 | 82372 | 49.603 | ug/l | | 100 |
| 67) Ethyl Benzene | 10.25 | 91 | 423608 | 50.250 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.35 | 106 | 312823 | 101.547 | ug/l | | 99 |
| 69) o-Xylene | 10.69 | 106 | 152096 | 50.041 | ug/l | | 99 |
| 70) Styrene | 10.71 | 104 | 268309 | 50.789 | ug/l | | 99 |
| 71) Bromoform | 10.85 | 173 | 67403 | 49.946 | ug/l | # | 100 |
| 73) Isopropylbenzene | 11.02 | 105 | 411575 | 47.411 | ug/l | | 99 |
| 74) N-amyl acetate | 10.90 | 43 | 234018 | 46.239 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 145429 | 44.939 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 11.29 | 75 | 172141 | 62.165 | ug/l | | 81 |
| 77) Bromobenzene | 11.26 | 156 | 101186 | 46.962 | ug/l | | 99 |
| 78) n-propylbenzene | 11.36 | 91 | 482258 | 48.644 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 282078 | 46.118 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 350111 | 47.899 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 50691 | 46.838 | ug/l | | 99 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 329287 | 47.654 | ug/l | | 99 |
| 83) tert-Butylbenzene | 11.77 | 119 | 336482 | 47.322 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 353832 | 48.227 | ug/l | | 98 |
| 85) sec-Butylbenzene | 11.94 | 105 | 409039 | 48.521 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 12.06 | 119 | 374980 | 49.479 | ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 186728 | 48.614 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 185876 | 47.999 | ug/l | | 100 |
| 89) n-Butylbenzene | 12.38 | 91 | 348467 | 50.873 | ug/l | | 99 |
| 90) Hexachloroethane | 12.59 | 117 | 62735 | 48.589 | ug/l | | 98 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 184686 | 47.207 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75 | 32105 | 44.224 | ug/l | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051519\
Data File : VX009569.D
Acq On : 15 May 2019 10:30
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: May 16 01:07:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 134854 | 50.406 | ug/l | 97 |
| 94) Hexachlorobutadiene | 13.78 | 225 | 71002 | 51.971 | ug/l | 98 |
| 95) Naphthalene | 13.83 | 128 | 402965 | 46.296 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 131747 | 48.581 | ug/l | 100 |

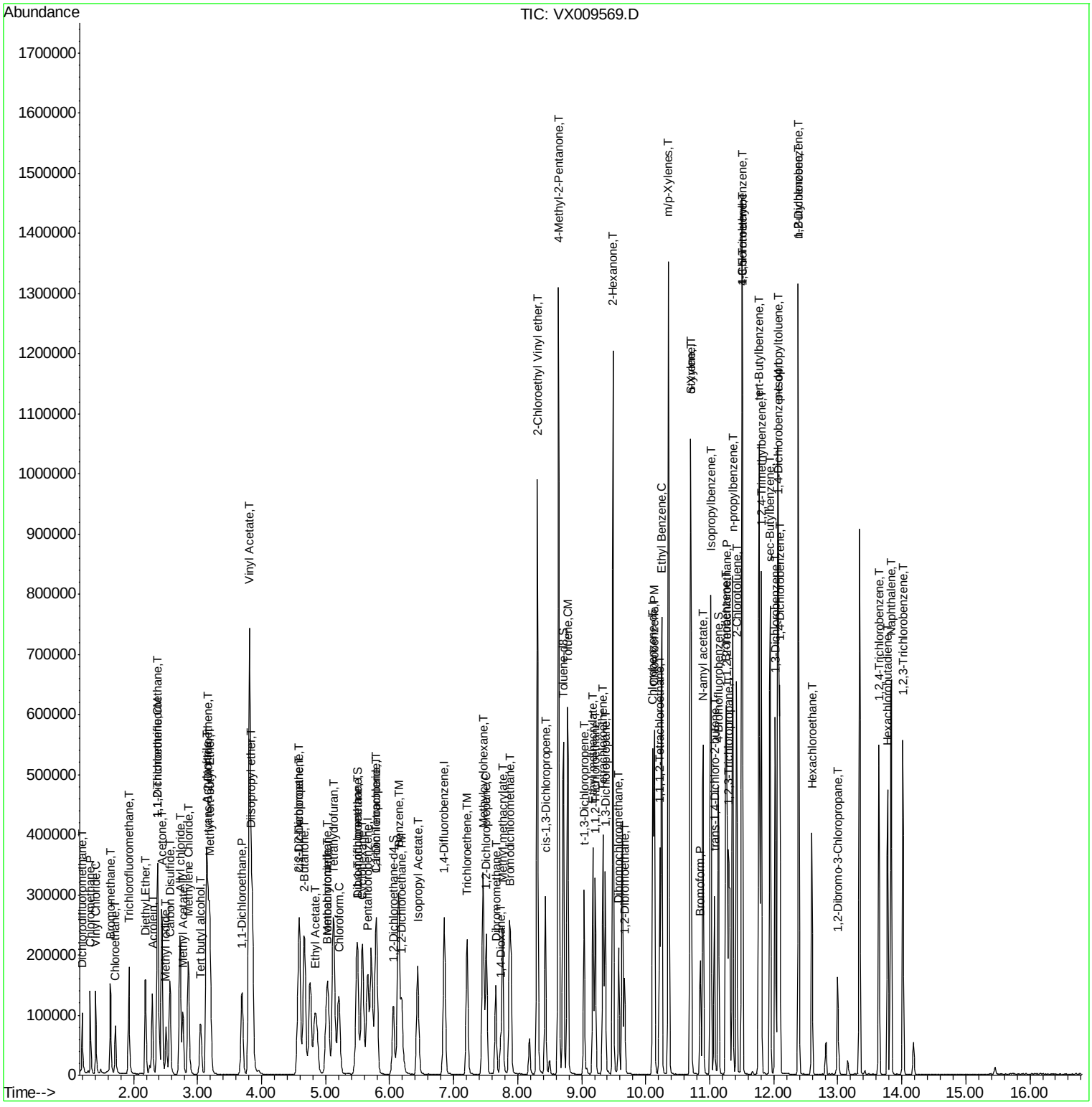
(#) = qualifier out of range (m) = manual integration (+) = signals summed

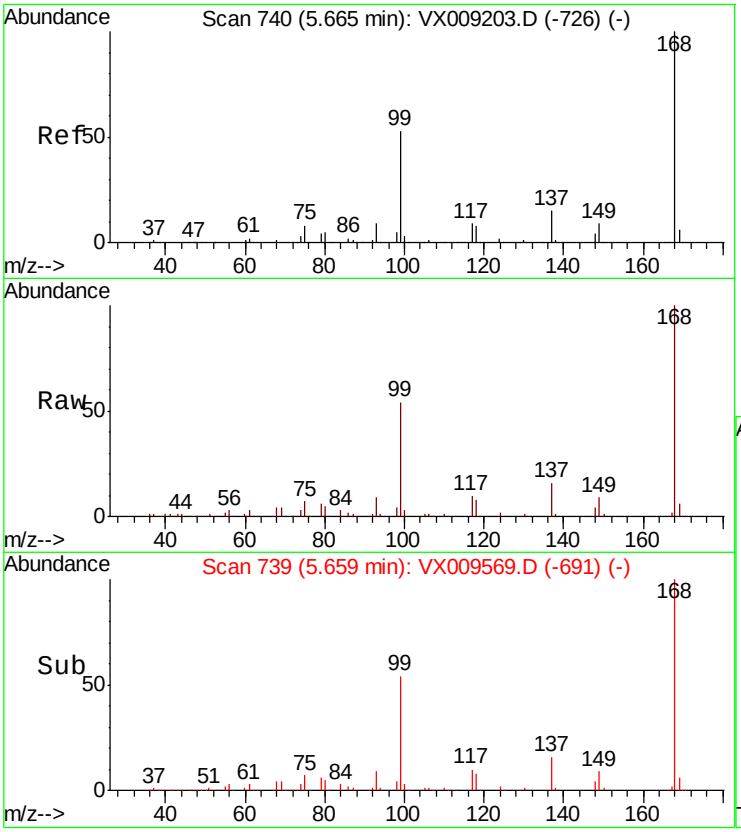
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051519\
Data File : VX009569.D
Acq On : 15 May 2019 10:30
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: May 16 01:07:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration



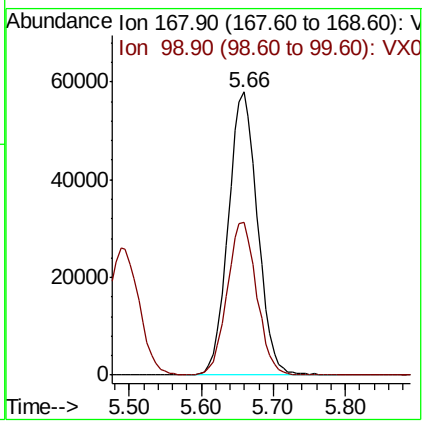


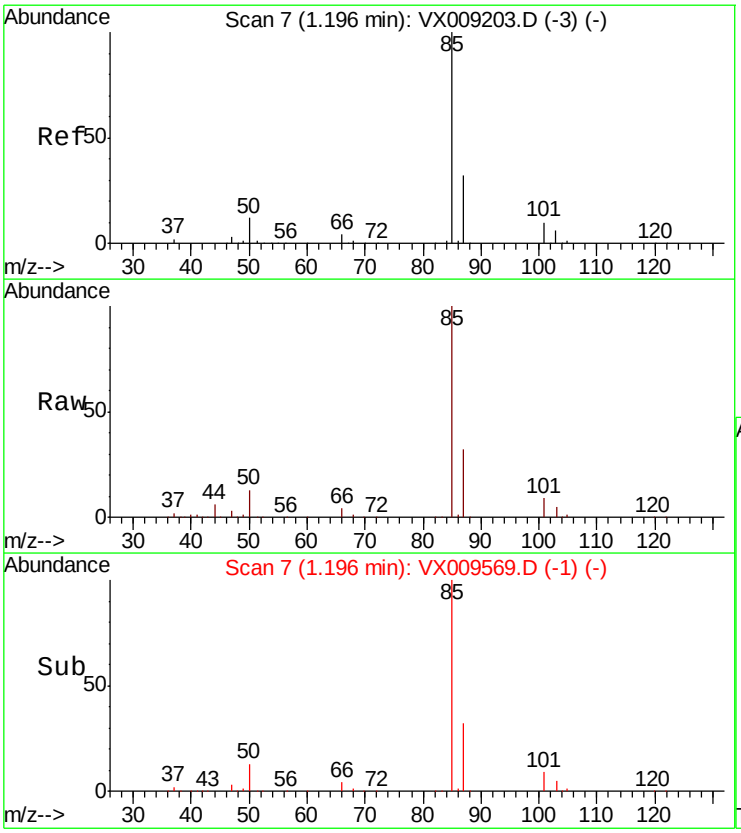

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion:168 Resp: 163446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 53.8 | 42.3 | 63.5 |

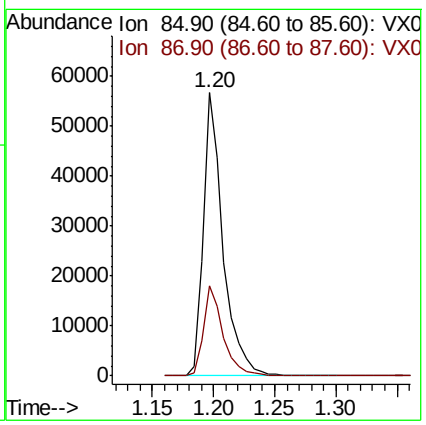


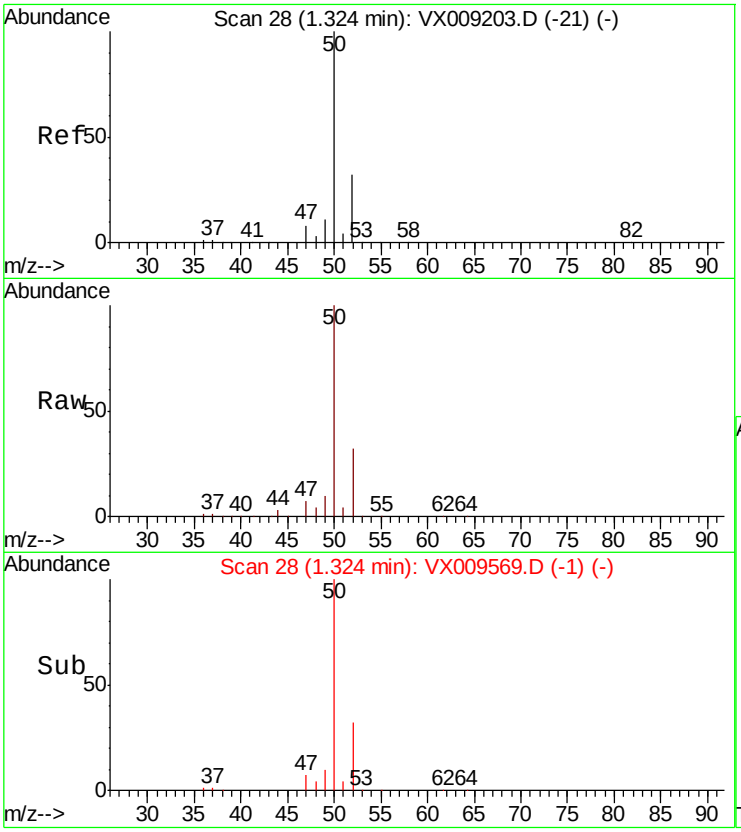




#2
Dichlorodifluoromethane
Concen: 42.038 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 85 Resp: 63316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.8 | 16.1 | 48.3 |

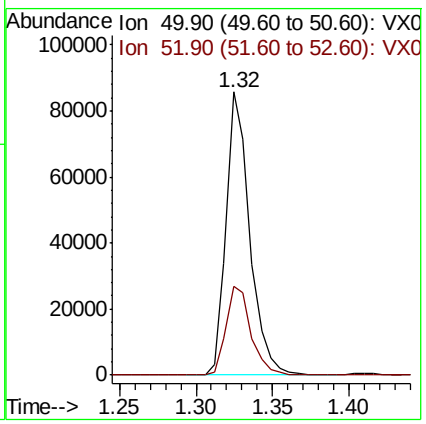




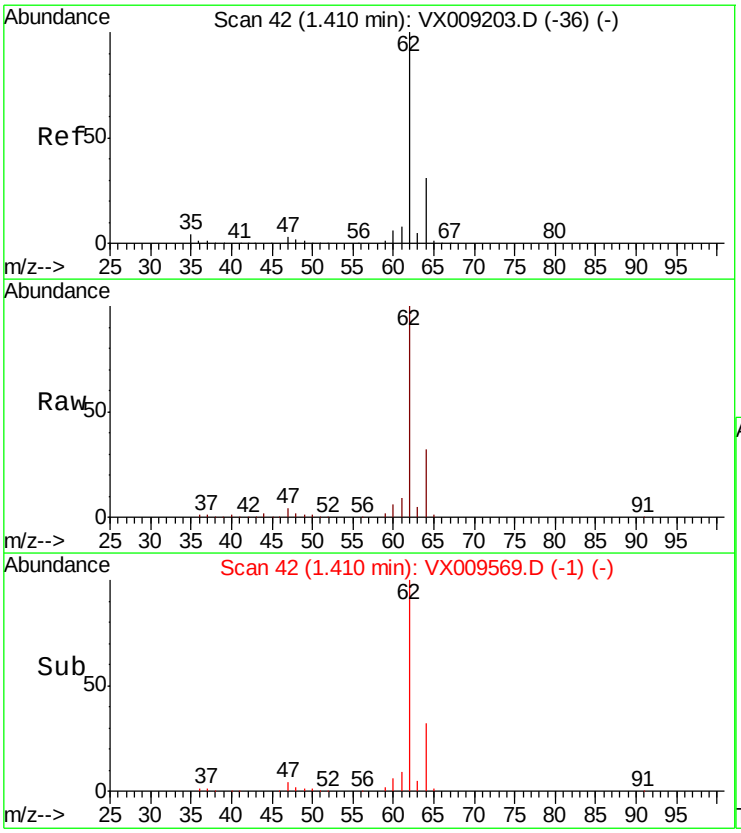

#3
Chloromethane
Concen: 44.650 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 50 Resp: 91814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.6 | 25.9 | 38.9 |



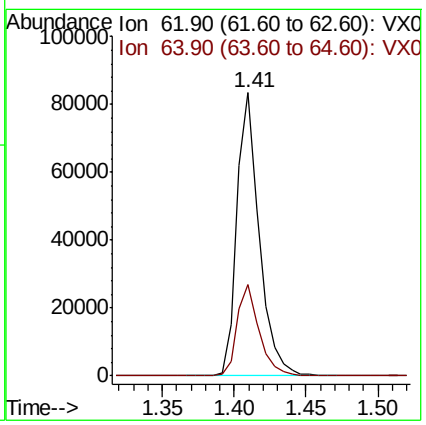

**Instrument :**
MSVOA_X
**ClientSampleId :**

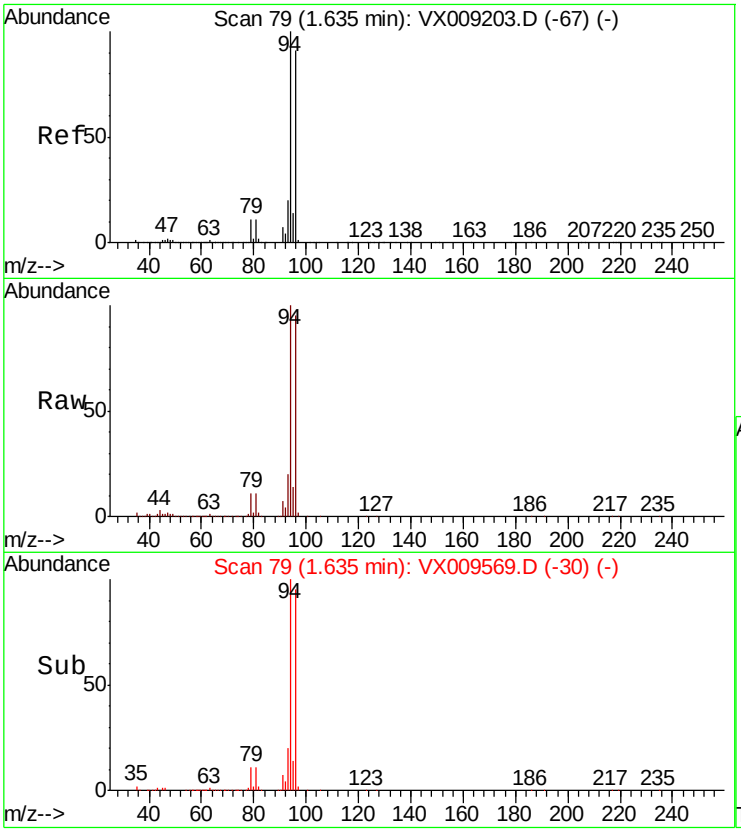



#4
Vinyl Chloride
Concen: 45.073 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 62 Resp: 90380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.2 | 24.6 | 36.8 |



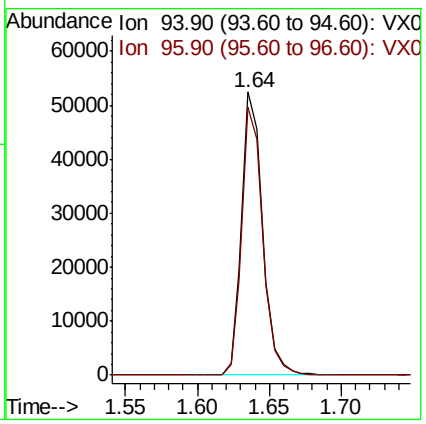


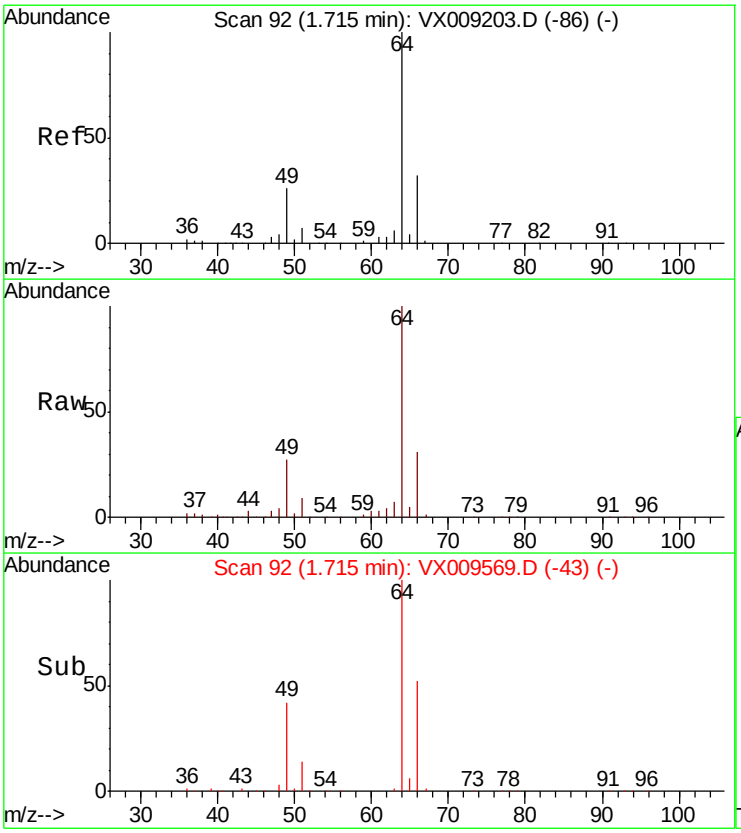

#5
Bromomethane
Concen: 44.266 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 94 Resp: 53275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.6 | 73.0 | 109.6 |

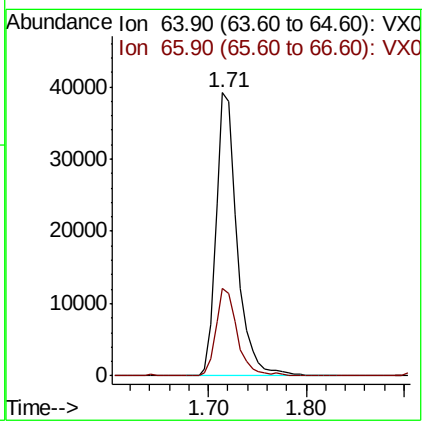


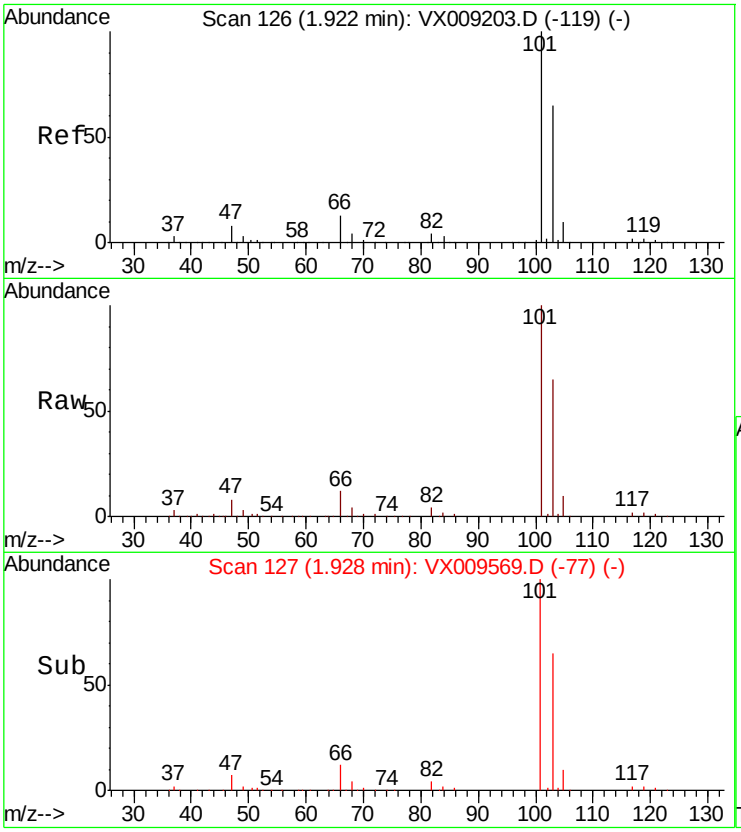




#6
Chloroethane
Concen: 45.344 ug/l
RT: 1.71 min Scan# 92
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 64 Resp: 58376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 30.9 | 25.3 | 37.9 |



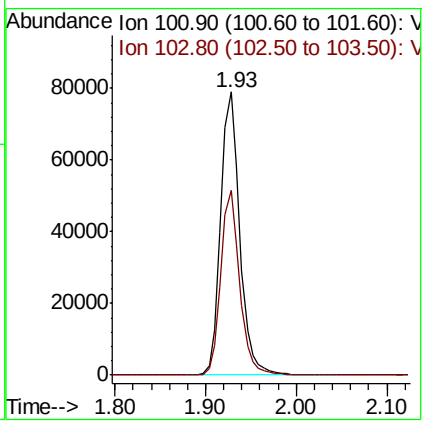


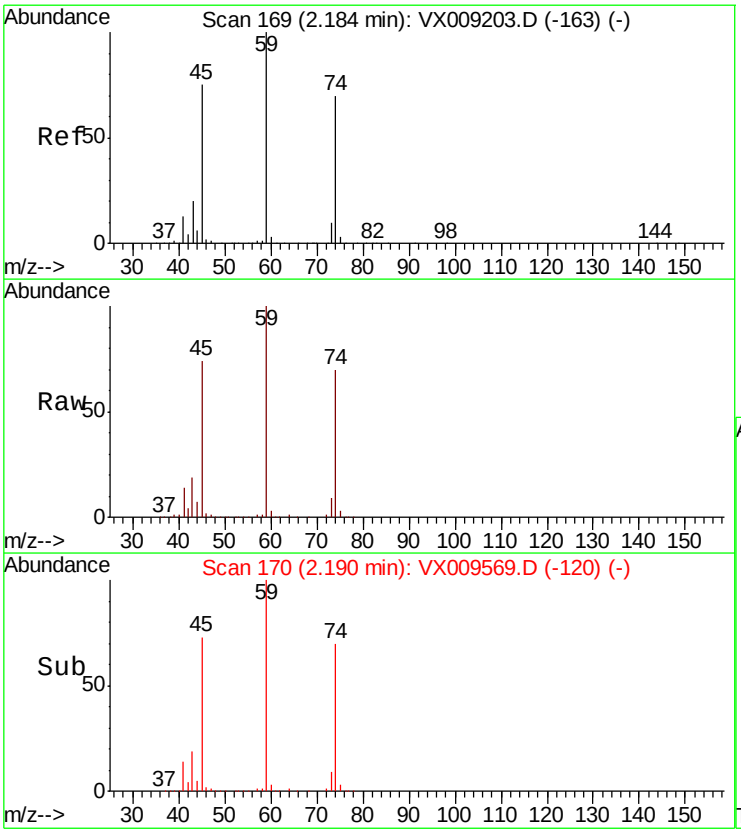

#7
Trichlorofluoromethane
Concen: 47.621 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion:101 Resp: 116072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.2 | 52.4 | 78.6 |

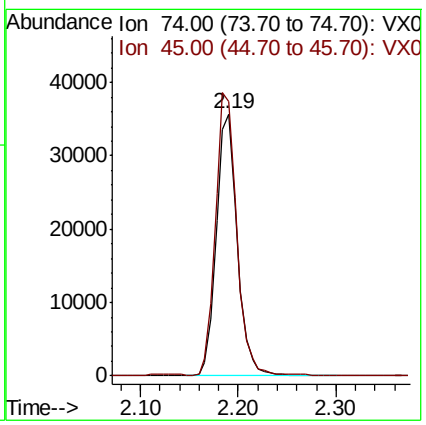


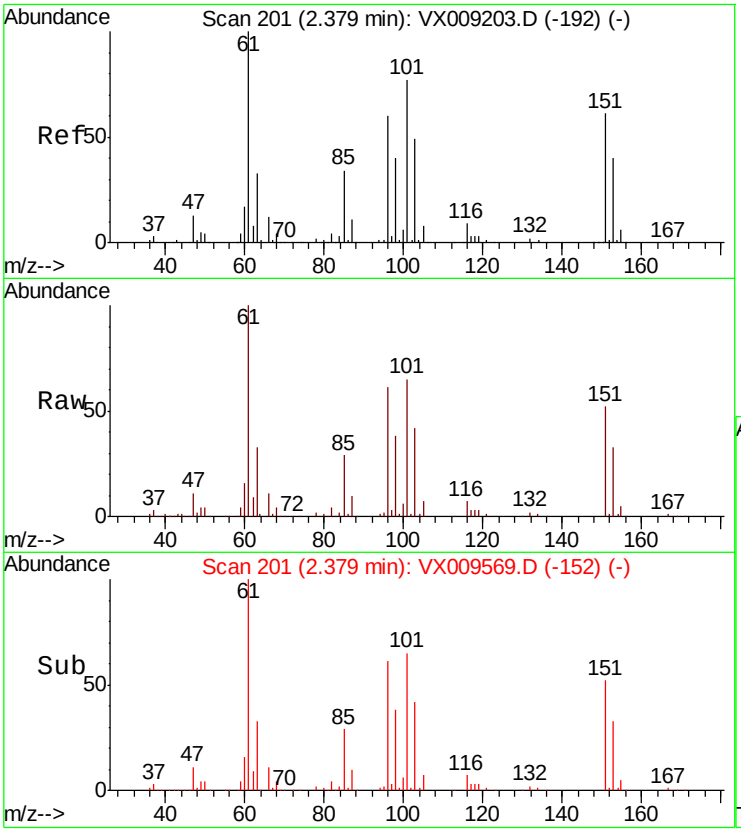




#8
Diethyl Ether
Concen: 45.971 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 74 Resp: 53076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 108.9 | 53.3 | 159.9 |



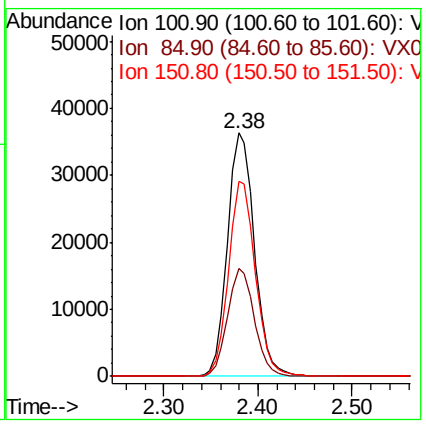


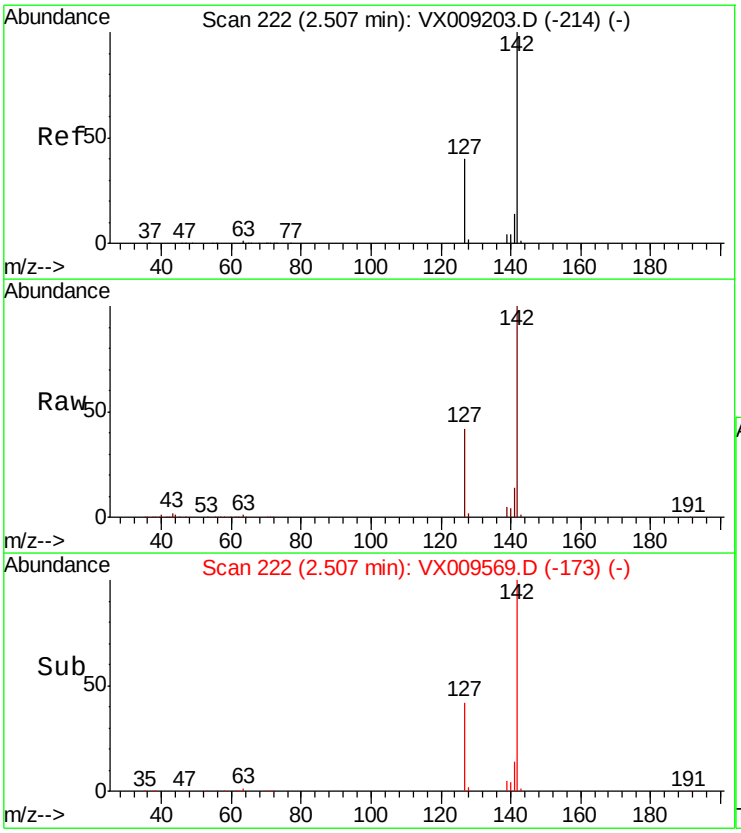

#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.266 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion:101 Resp: 72346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.3 | 35.7 | 53.5 |
| 151 | 79.8 | 62.2 | 93.2 |

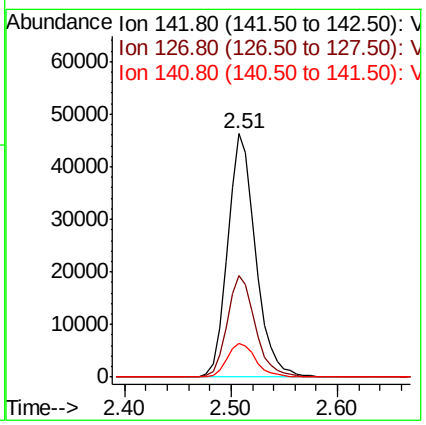


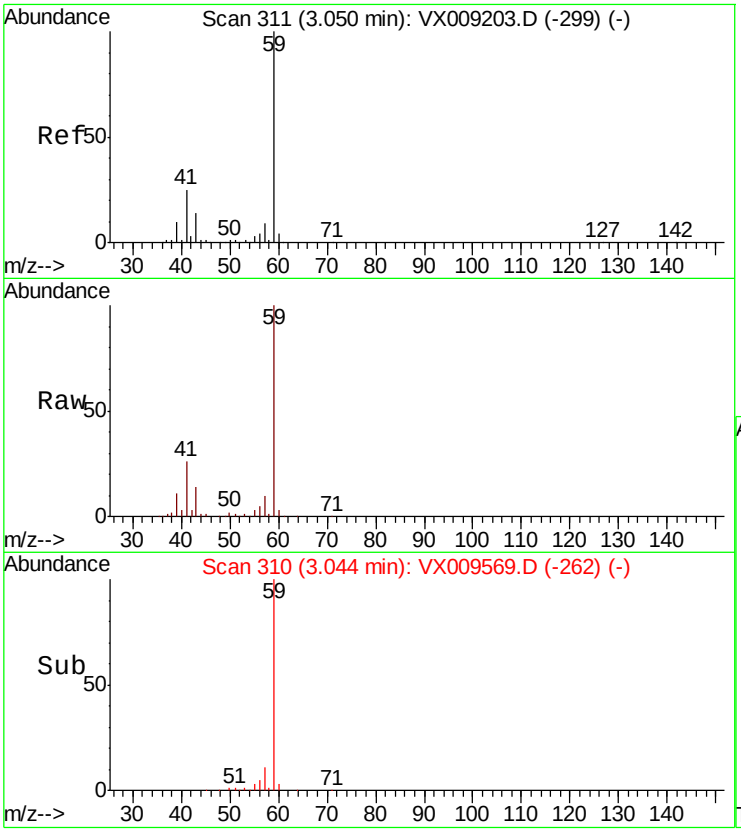




#10
Methyl Iodide
Concen: 47.995 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion:142 Resp: 84994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 42.0 | 32.7 | 49.1 |
| 141 | 14.4 | 11.5 | 17.3 |



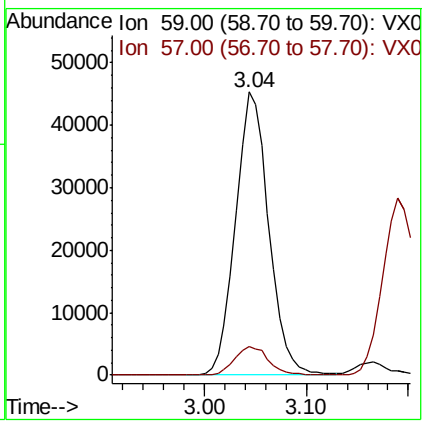


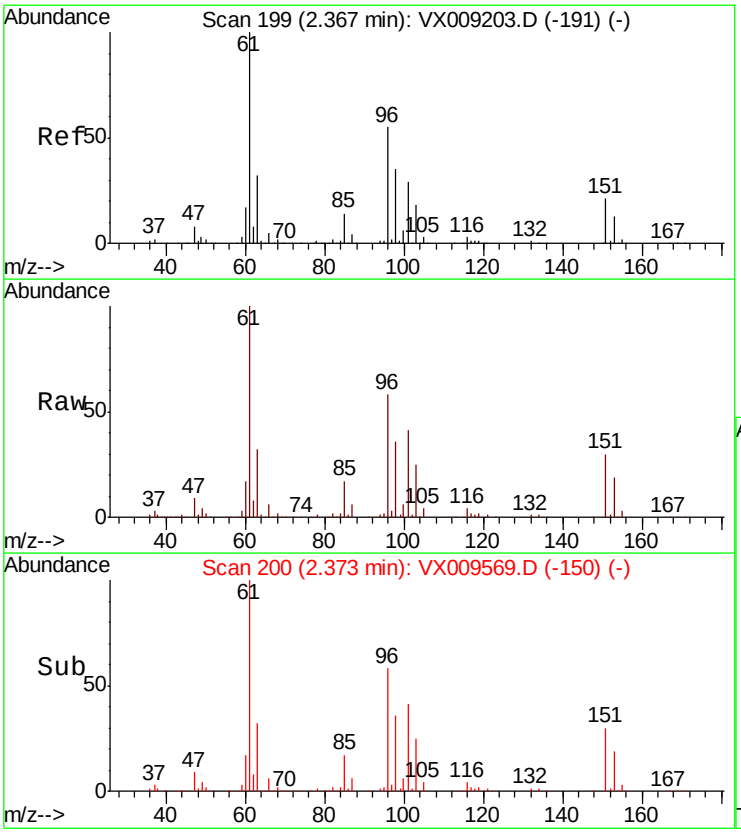

#11
Tert butyl alcohol
Concen: 198.840 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 59 Resp: 102696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.3 | 8.2 | 12.2 |

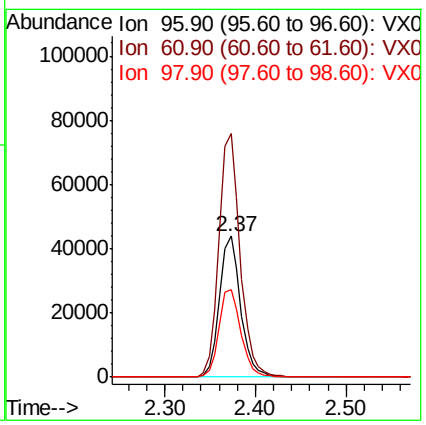


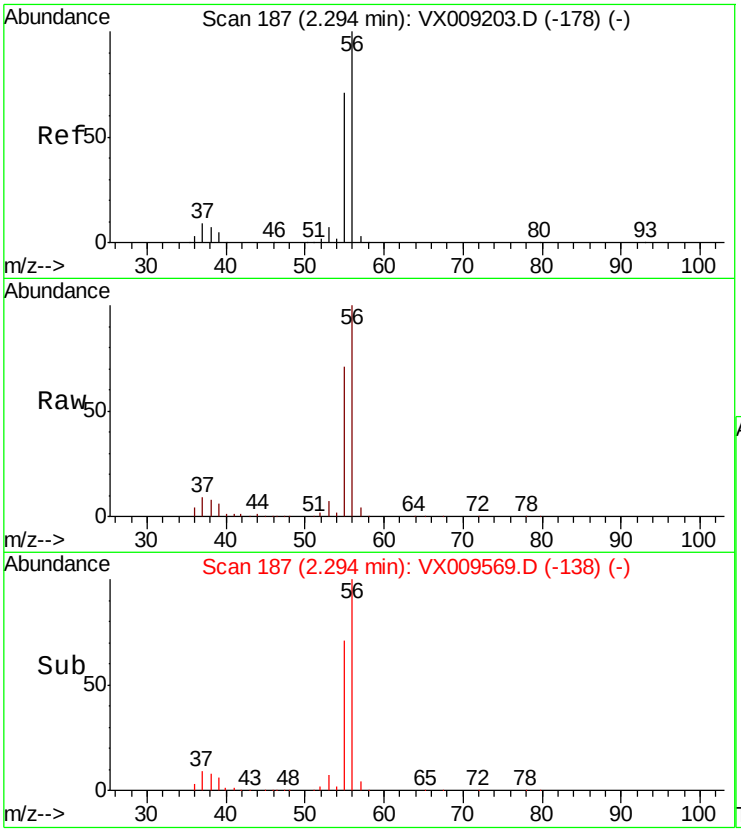




#12
1,1-Dichloroethene
Concen: 46.762 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 96 Resp: 71714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 173.1 | 144.3 | 216.5 |
| 98 | 62.5 | 50.3 | 75.5 |



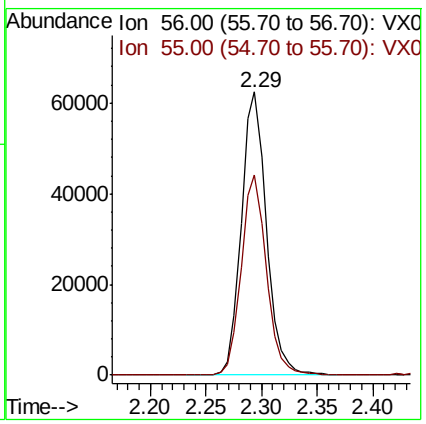


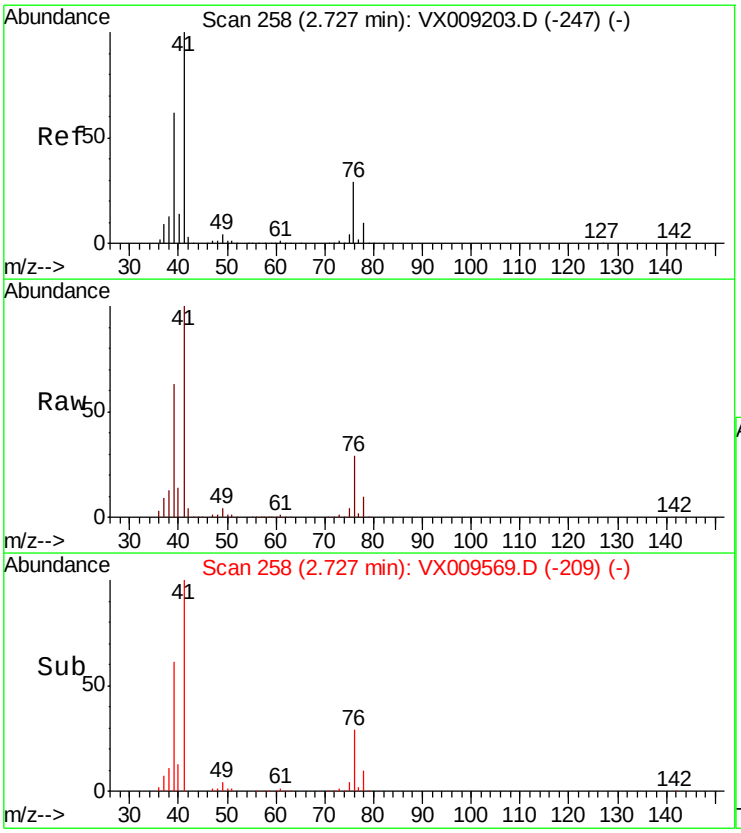

#13
Acrolein
Concen: 209.661 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 56 Resp: 98066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.4 | 56.6 | 85.0 |

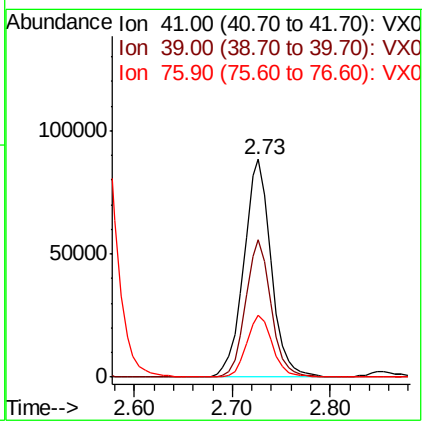


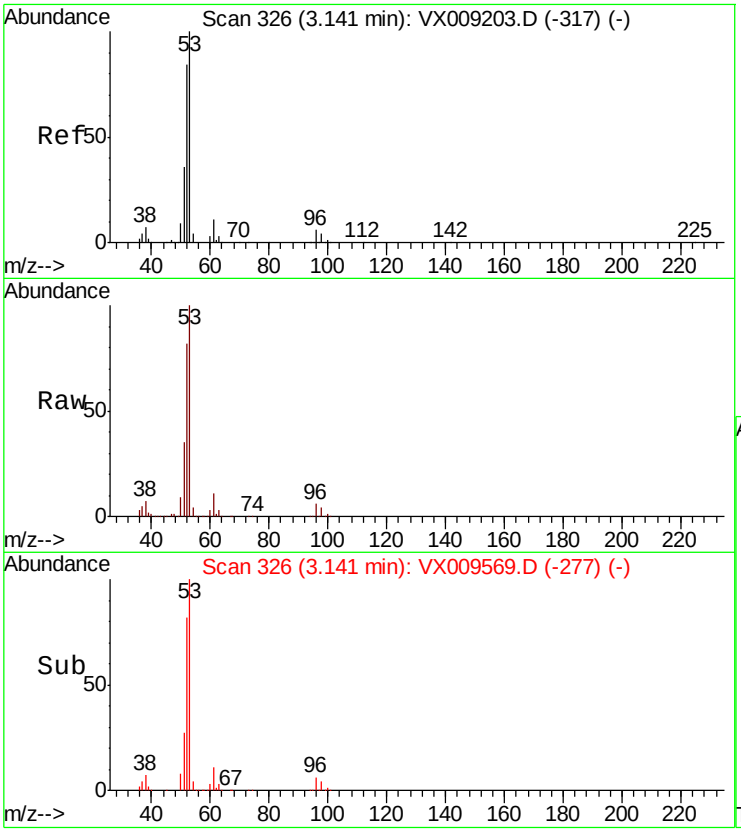




#14
Allyl chloride
Concen: 45.820 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 41 Resp: 171247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 58.7 | 46.7 | 70.1 |
| 76 | 26.6 | 21.8 | 32.8 |



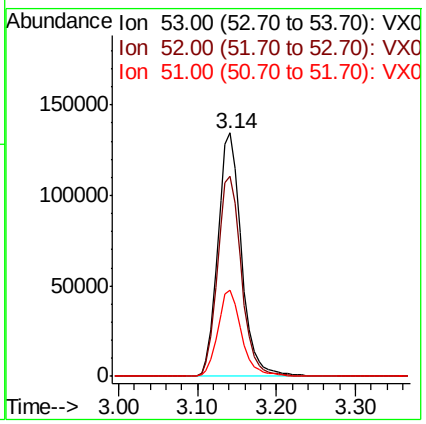


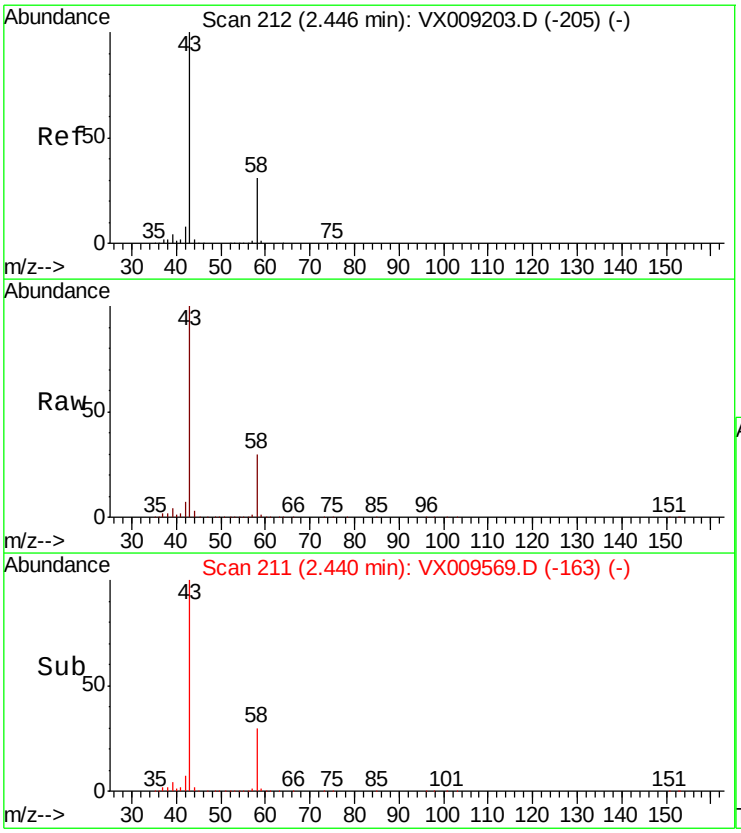

#15
Acrylonitrile
Concen: 220.989 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 53 Resp: 279070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 83.5 | 66.9 | 100.3 |
| 51 | 35.5 | 28.2 | 42.2 |

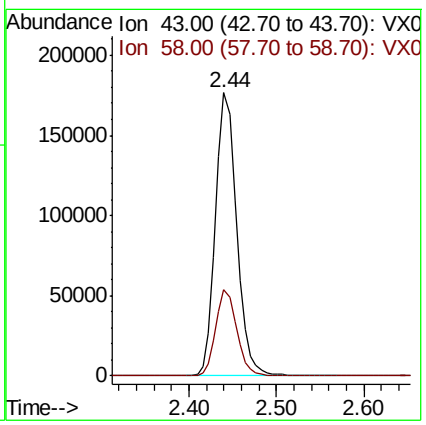


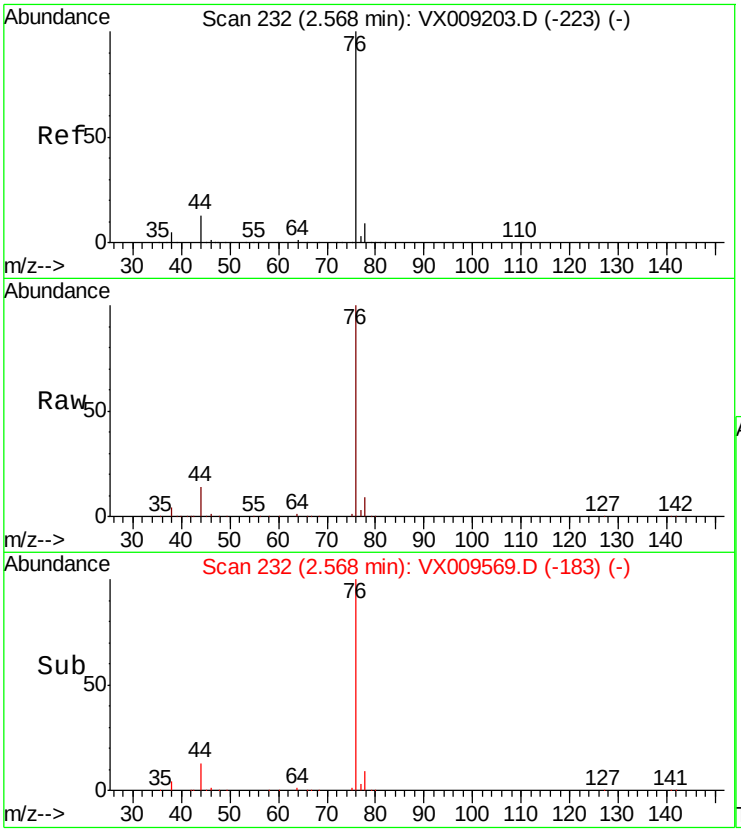




#16
Acetone
Concen: 248.157 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 43 Resp: 297313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.2 | 24.9 | 37.3 |



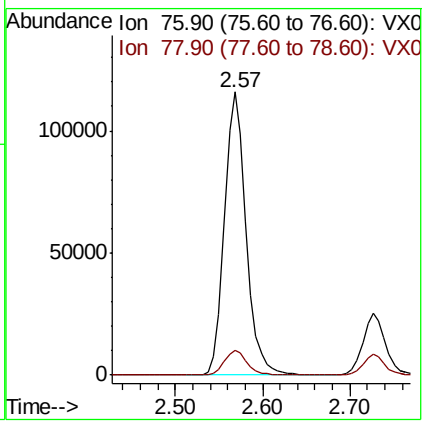


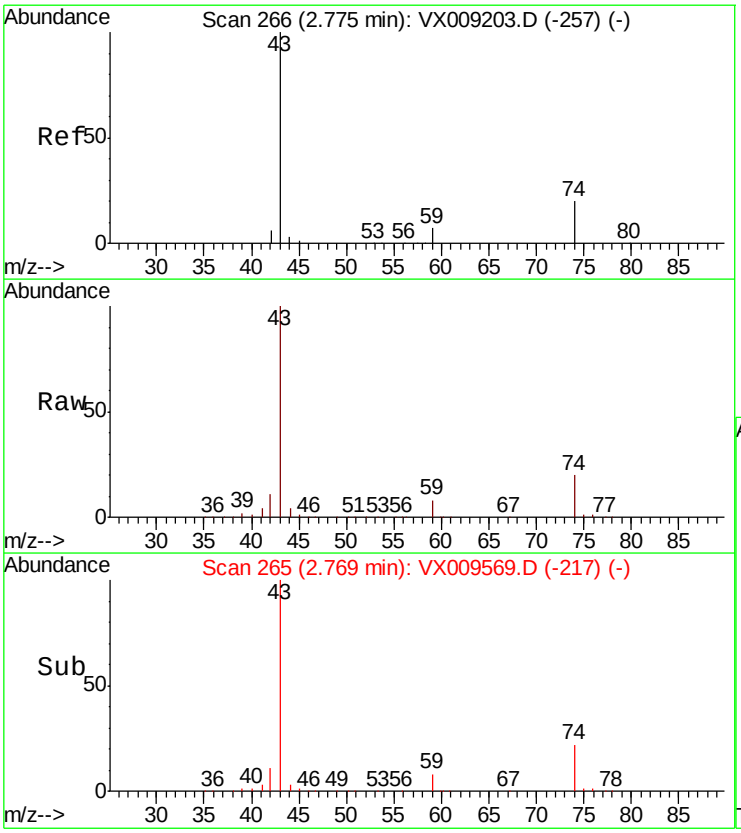

#17
Carbon Disulfide
Concen: 46.069 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 76 Resp: 198358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.9 | 7.4 | 11.0 |

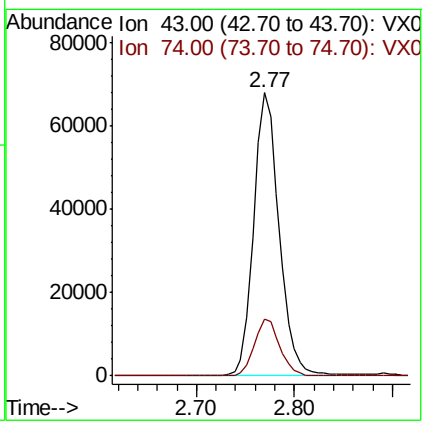


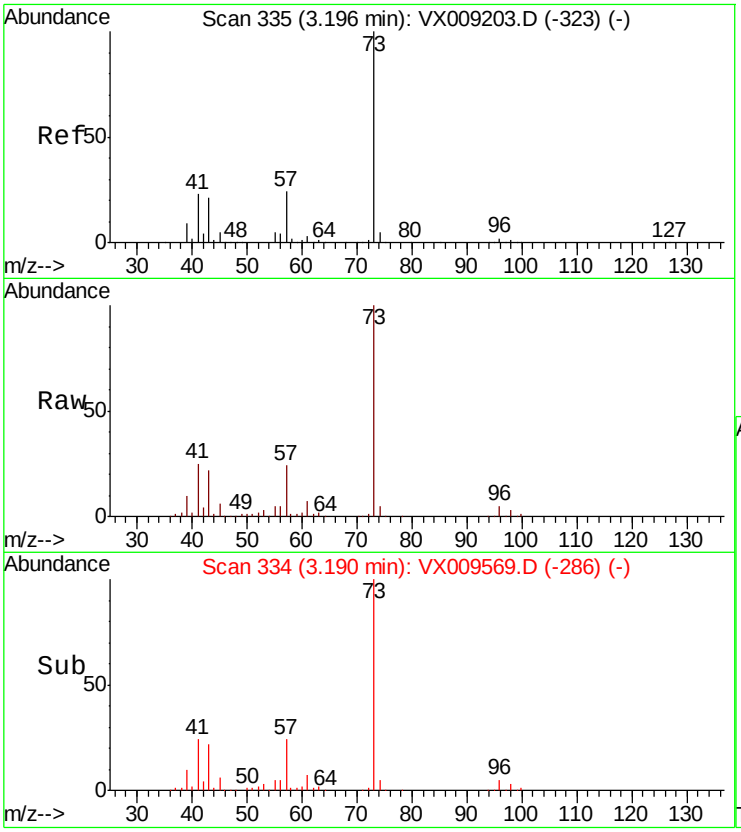




#18
Methyl Acetate
Concen: 43.000 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 43 Resp: 122520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 20.5 | 16.2 | 24.4 |



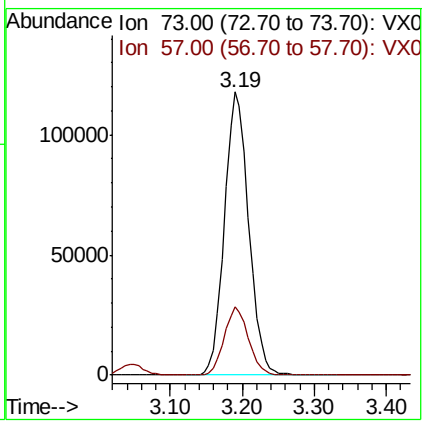


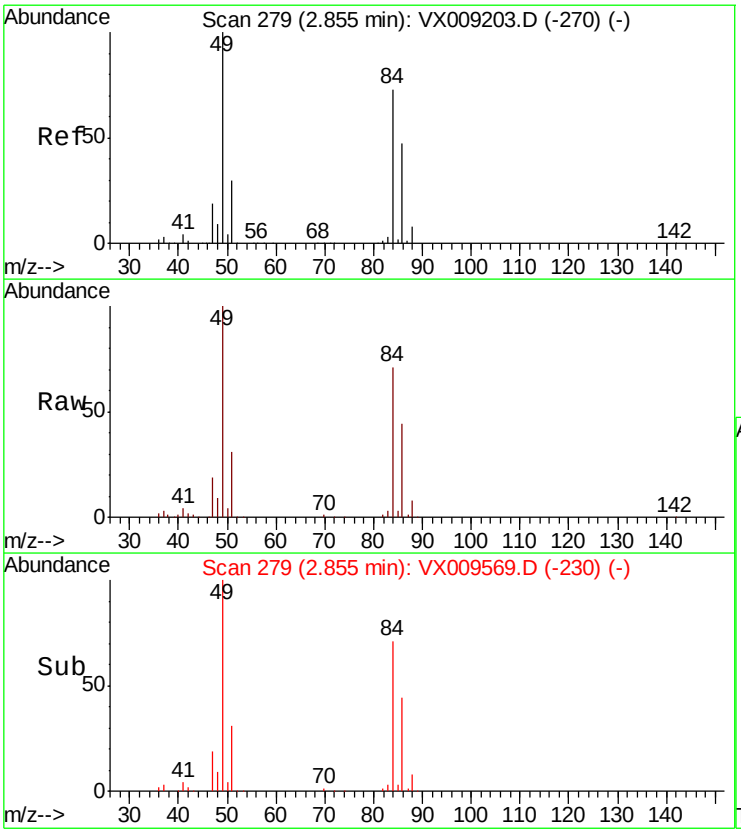

#19
Methyl tert-butyl Ether
Concen: 46.370 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 73 Resp: 276149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 24.0 | 19.3 | 28.9 |

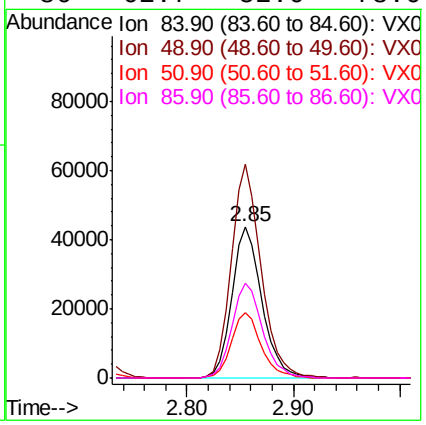


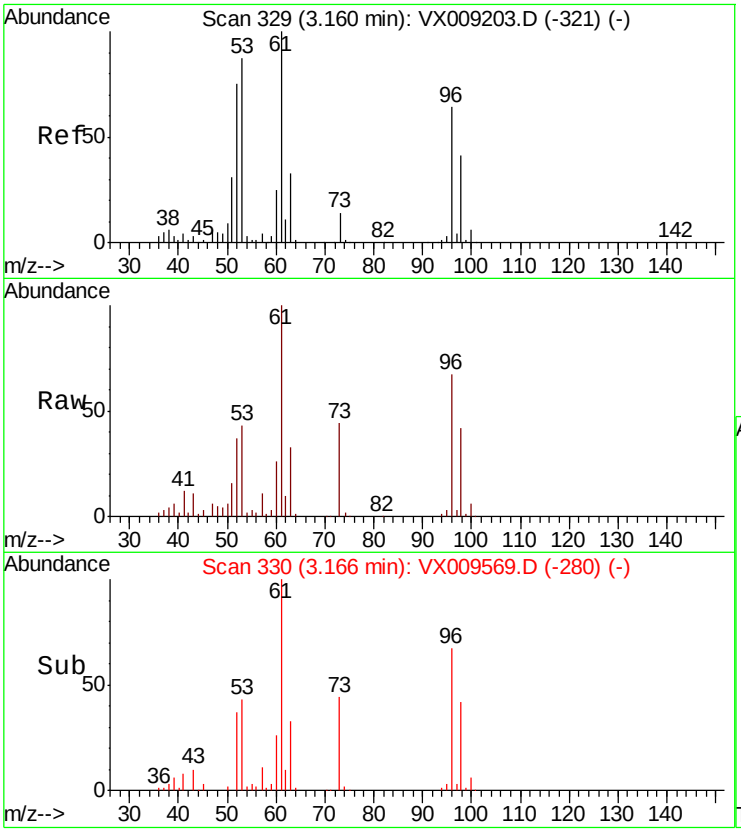




#20
Methylene Chloride
Concen: 44.405 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 84 Resp: 86139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 141.2 | 109.9 | 164.9 |
| 51 | 43.3 | 32.7 | 49.1 |
| 86 | 62.7 | 52.0 | 78.0 |



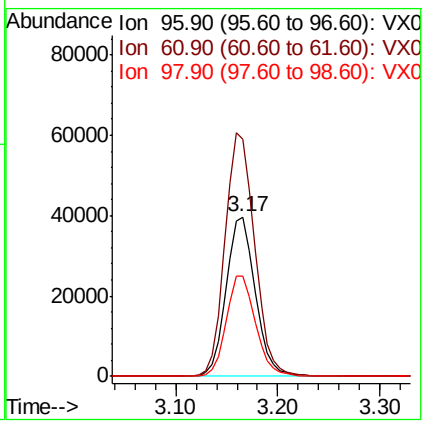


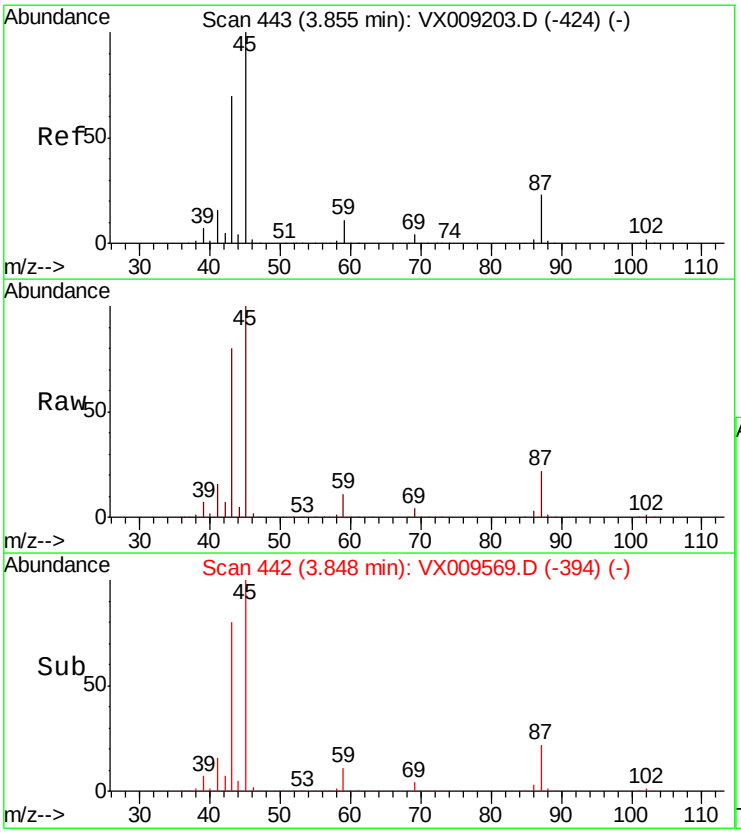

#21
trans-1,2-Dichloroethene
Concen: 46.988 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 96 Resp: 78150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 148.7 | 124.5 | 186.7 |
| 98 | 62.6 | 50.4 | 75.6 |

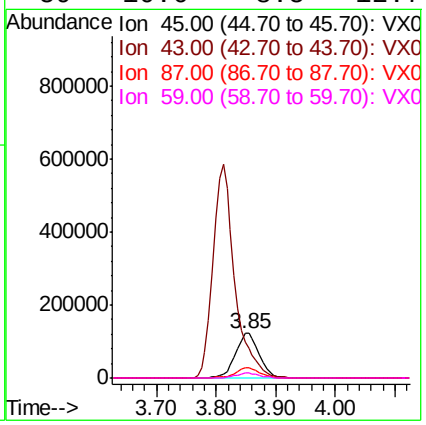


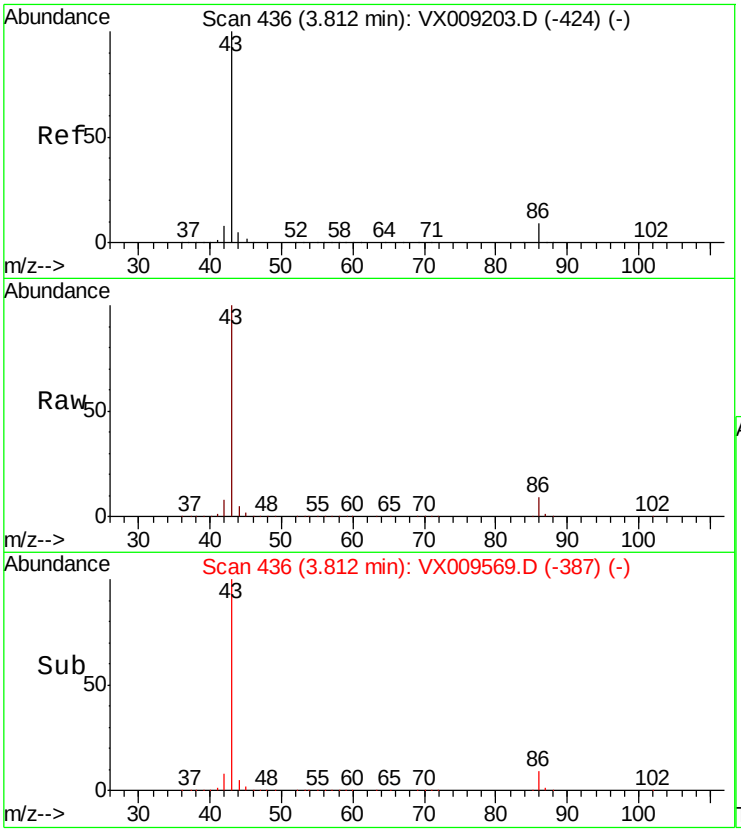




#22
Diisopropyl ether
Concen: 47.097 ug/l
RT: 3.85 min Scan# 442
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 45 Resp: 338503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 79.6 | 56.1 | 84.1 |
| 87 | 22.1 | 18.1 | 27.1 |
| 59 | 10.6 | 8.5 | 12.7 |



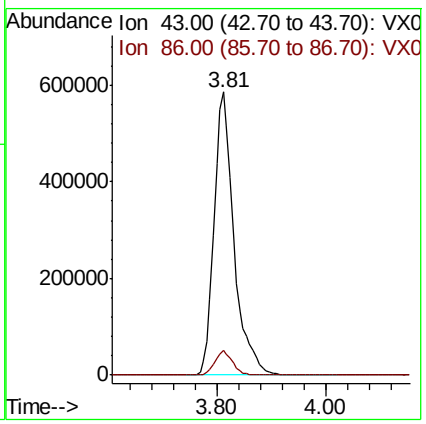


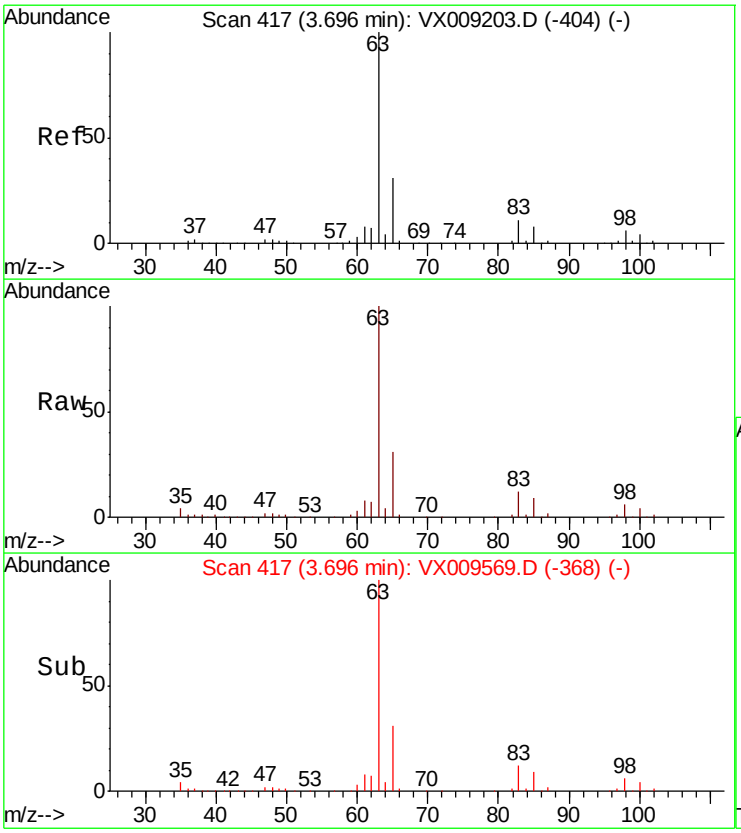

#23
Vinyl Acetate
Concen: 240.979 ug/l
RT: 3.81 min Scan# 436
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 43 Resp: 1483148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 8.6 | 6.9 | 10.3 |

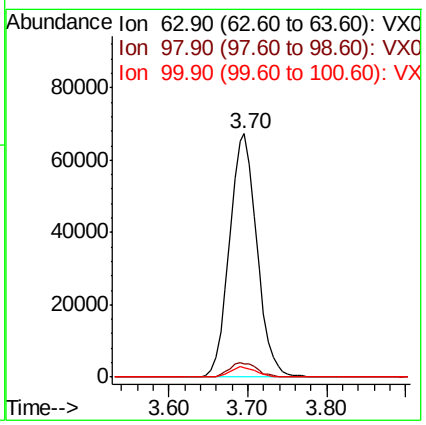


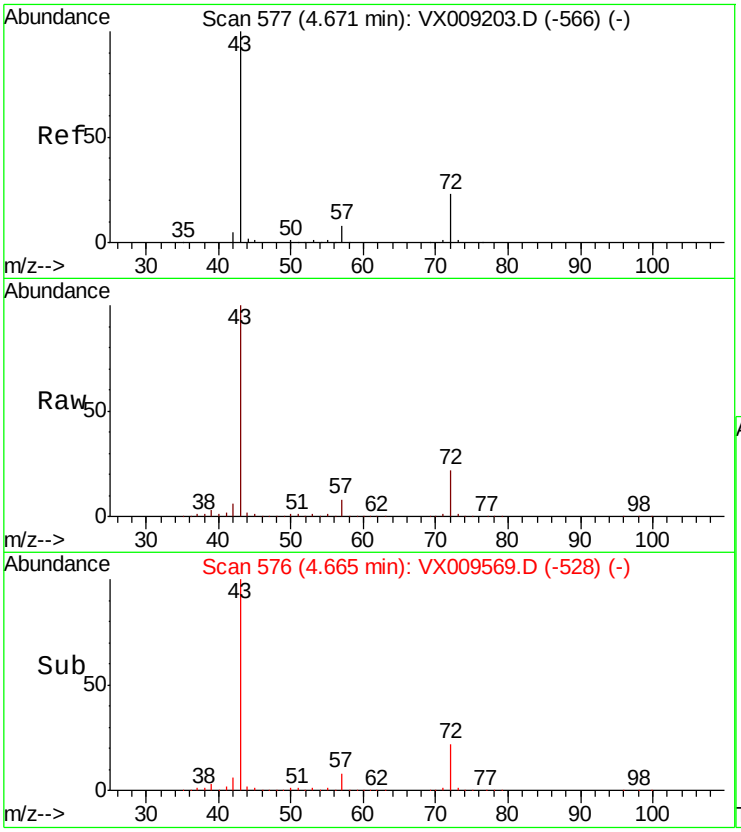




#24
1,1-Dichloroethane
Concen: 45.907 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 63 Resp: 162771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 5.5 | 3.0 | 9.2 |
| 100 | 4.0 | 2.0 | 6.0 |



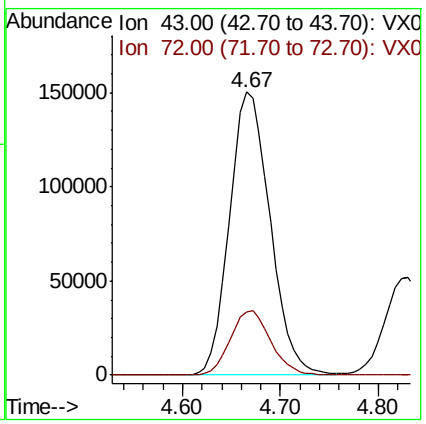


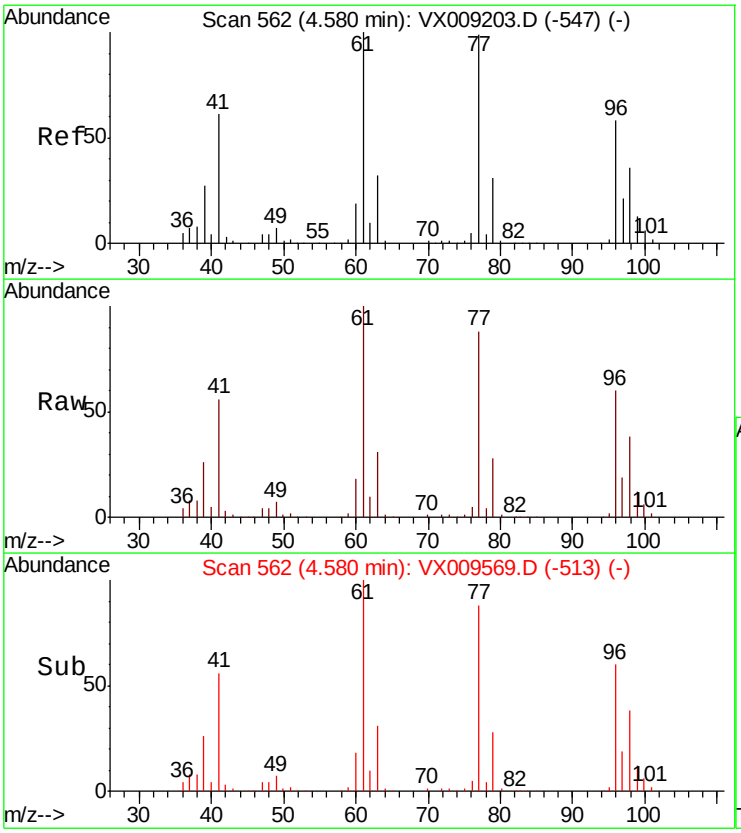

#25
2-Butanone
Concen: 231.464 ug/l
RT: 4.67 min Scan# 576
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 43 Resp: 430936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 22.0 | 18.2 | 27.2 |

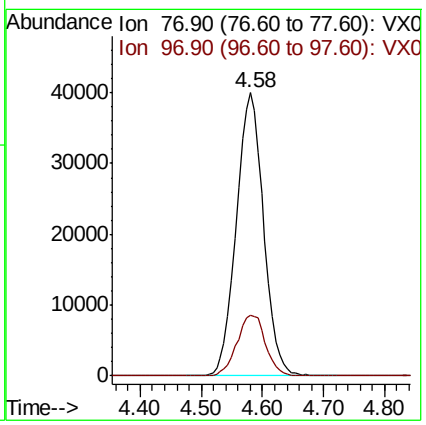


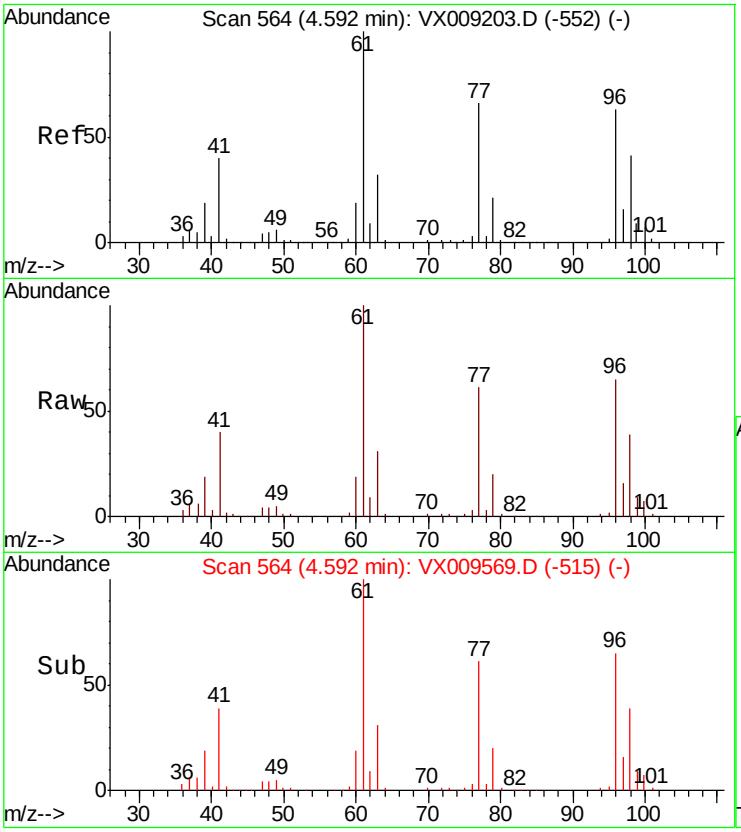




#26
2,2-Dichloropropane
Concen: 46.552 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 77 Resp: 122858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.6 | 11.5 | 34.4 |



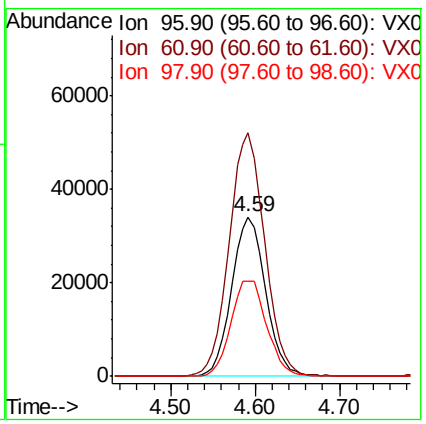


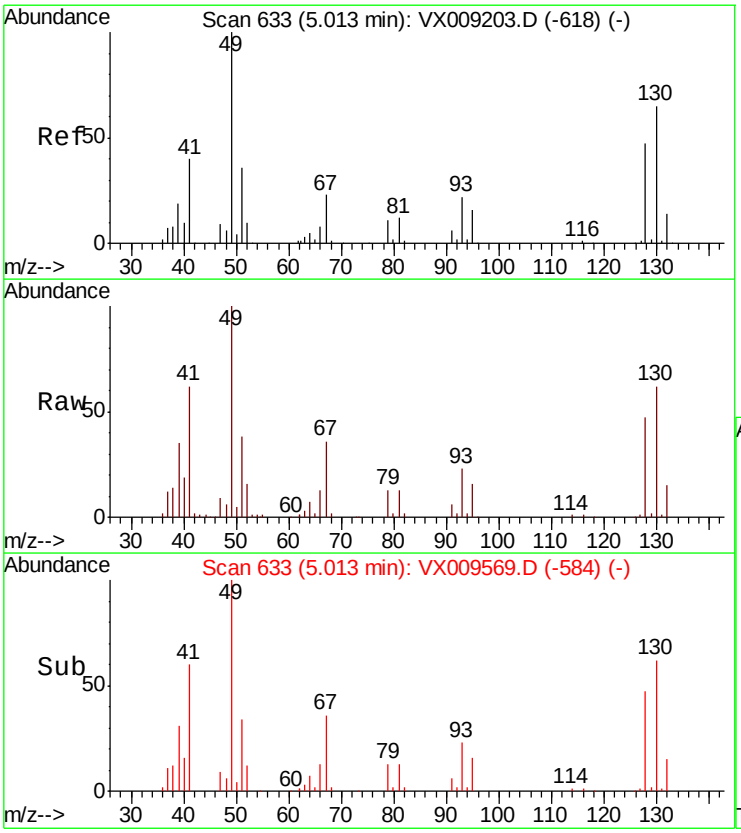

#27
cis-1,2-Dichloroethene
Concen: 46.856 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 96 Resp: 93019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 160.6 | 0.0 | 324.0 |
| 98 | 63.3 | 0.0 | 130.4 |

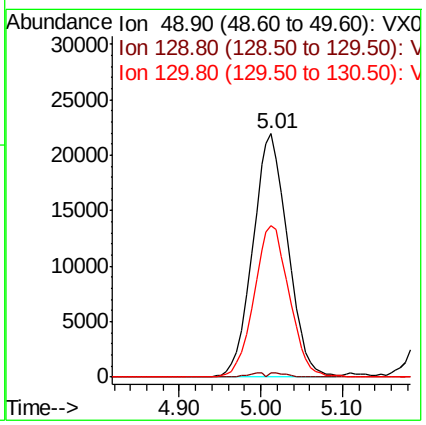


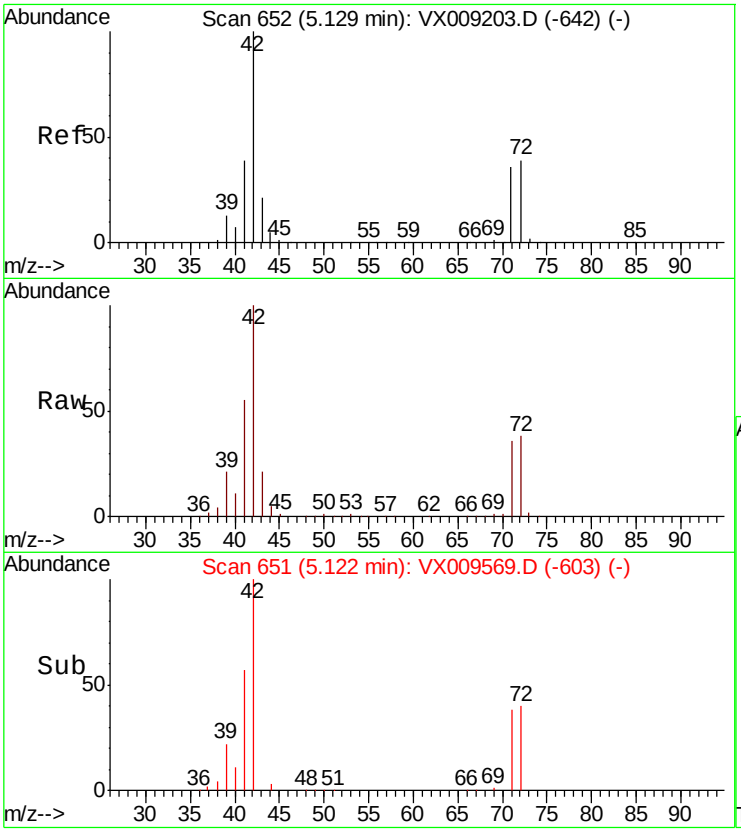




#28
Bromochloromethane
Concen: 45.674 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 49 Resp: 65528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.9 | 0.0 | 3.8 |
| 130 | 62.5 | 51.2 | 76.8 |



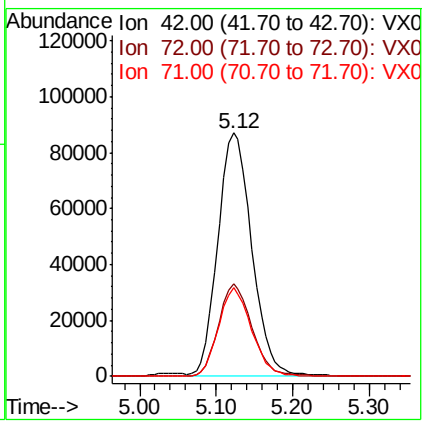


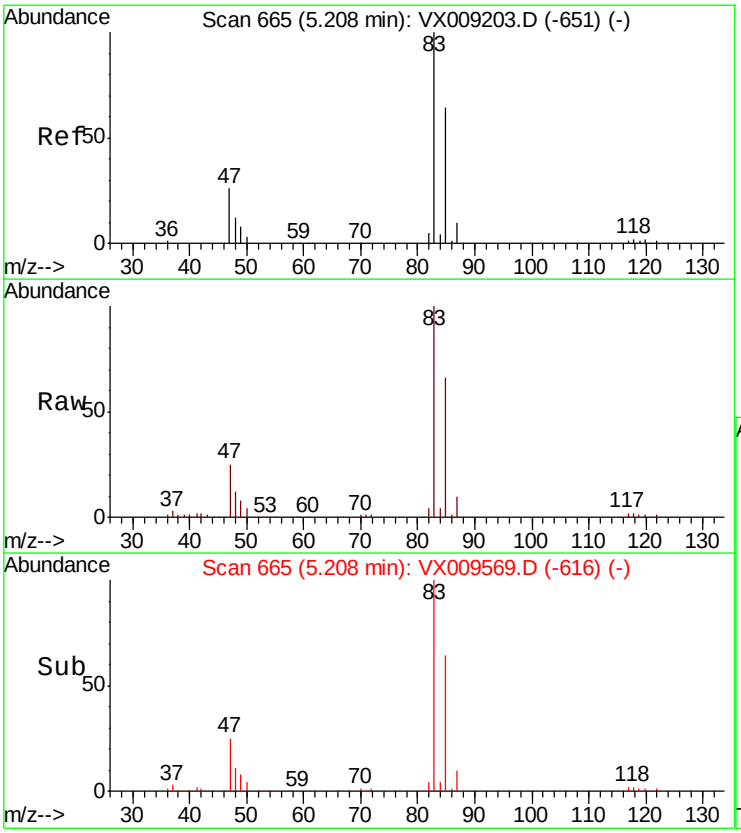

#29
Tetrahydrofuran
Concen: 222.461 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 42 Resp: 266520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 38.0 | 30.4 | 45.6 |
| 71 | 35.5 | 28.6 | 43.0 |

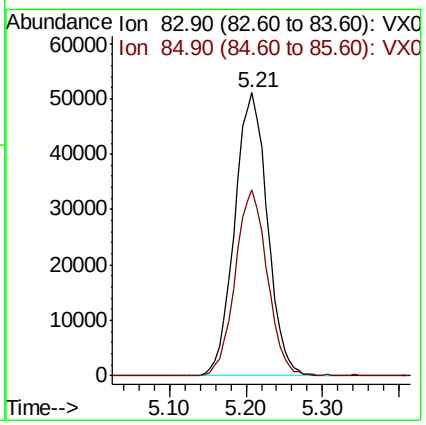


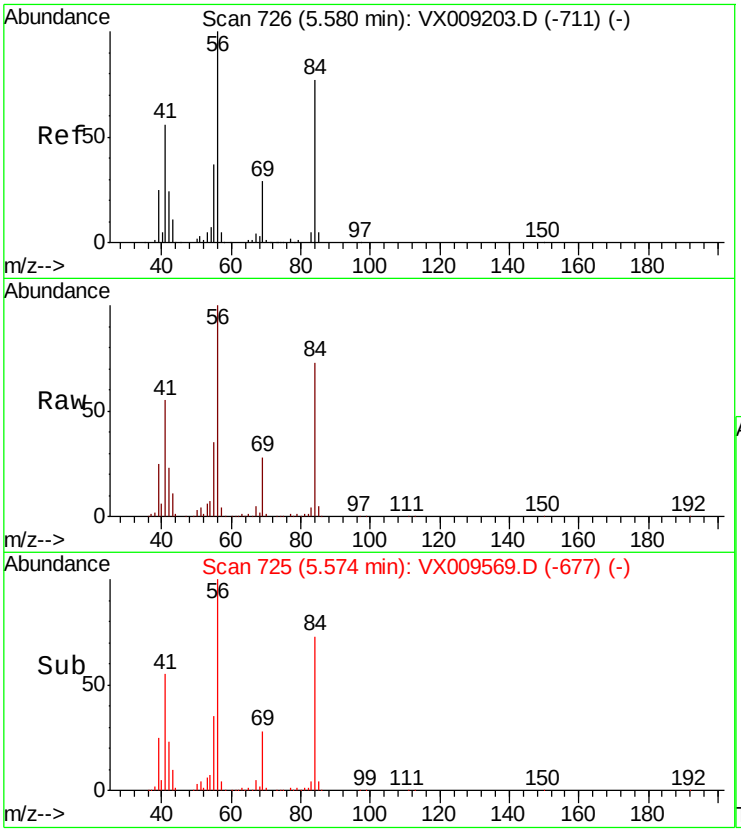




#30
Chloroform
Concen: 47.454 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 83 Resp: 152175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.8 | 51.5 | 77.3 |



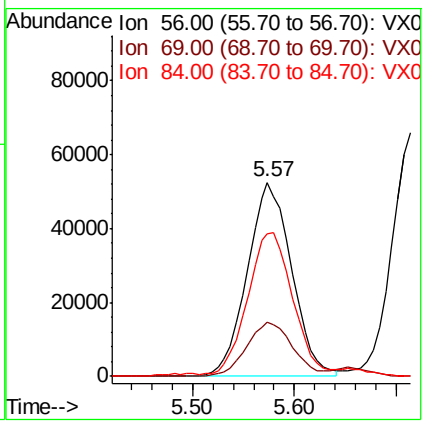


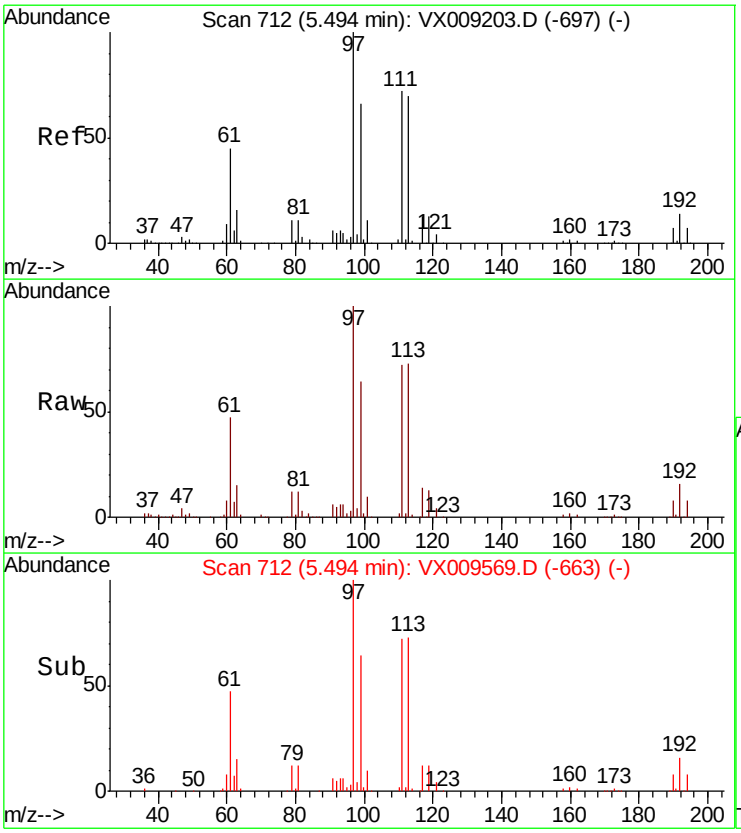

#31
Cyclohexane
Concen: 48.083 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 56 Resp: 158615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 27.9 | 23.4 | 35.0 |
| 84 | 71.9 | 61.9 | 92.9 |

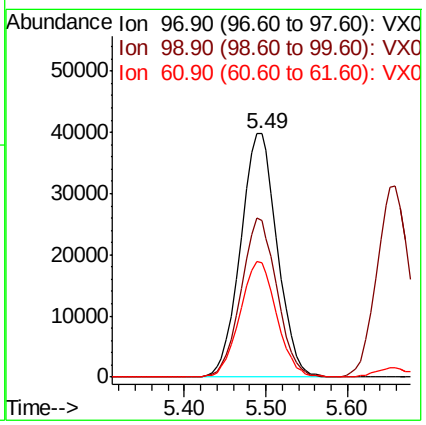


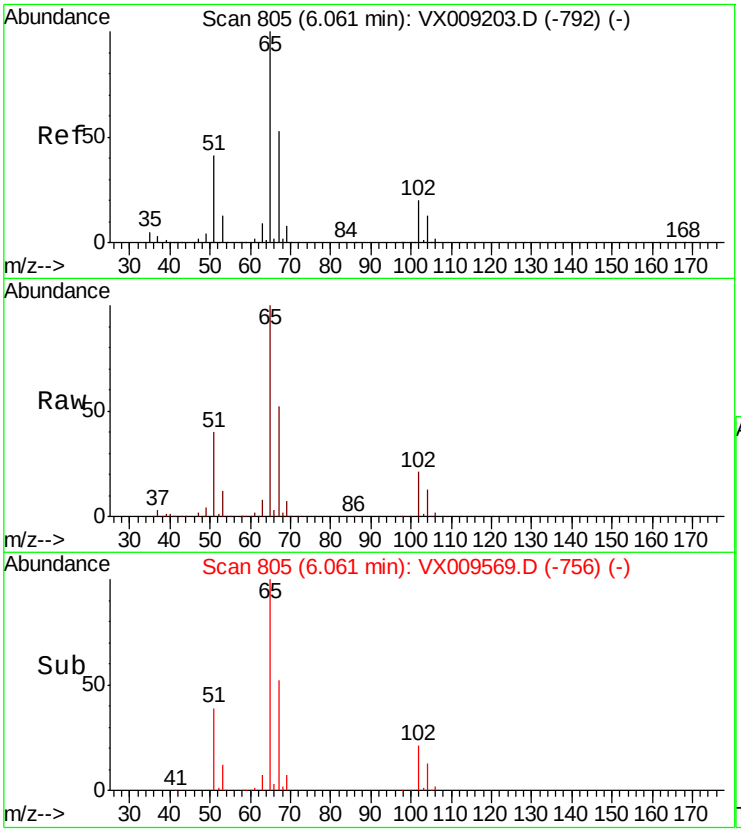




#32
1,1,1-Trichloroethane
Concen: 46.563 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 97 Resp: 124301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.8 | 51.8 | 77.8 |
| 61 | 47.4 | 37.8 | 56.8 |



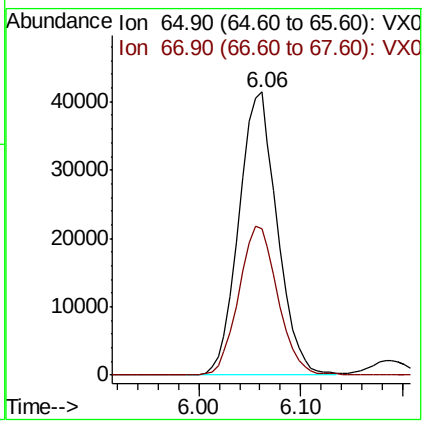


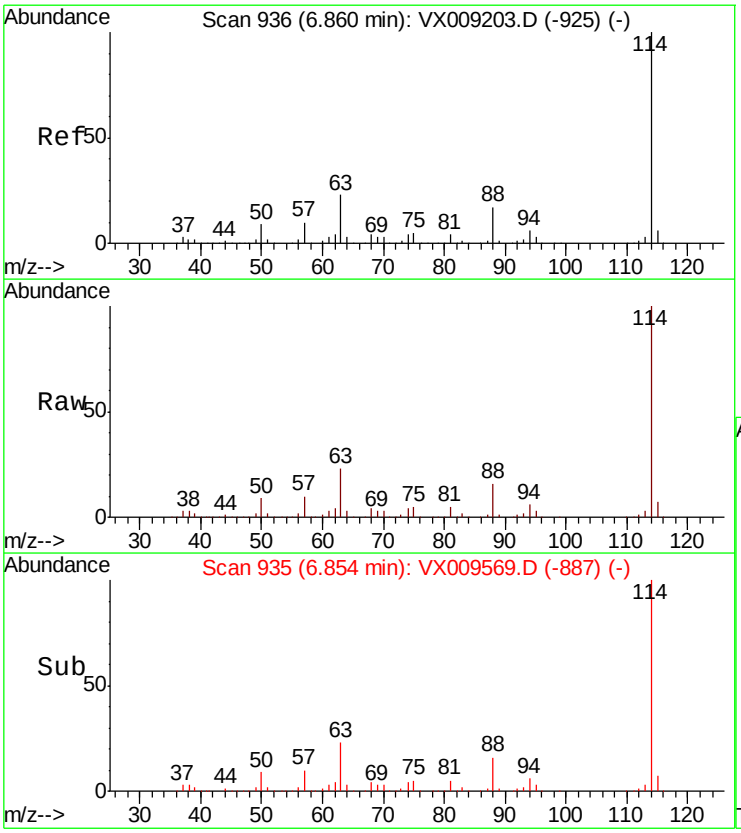

#33
1,2-Dichloroethane-d4
Concen: 48.535 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 65 Resp: 108292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.6 | 0.0 | 106.6 |

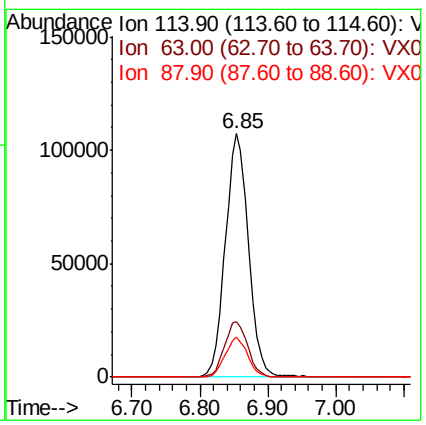


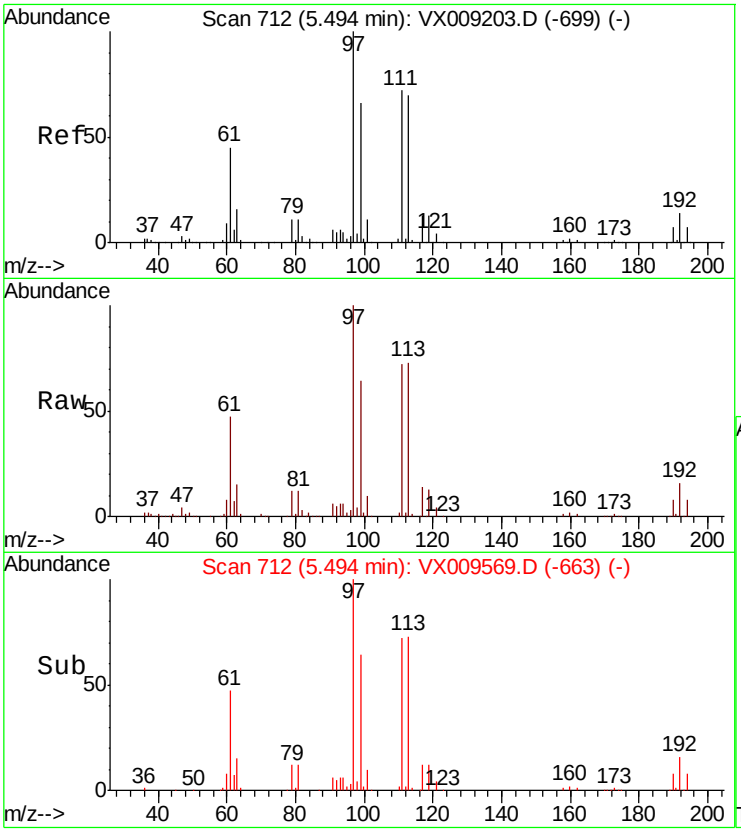




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion:114 Resp: 252086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.9 | 0.0 | 45.6 |
| 88 | 16.2 | 0.0 | 33.2 |



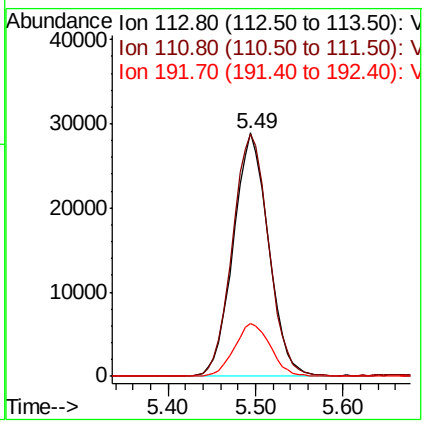


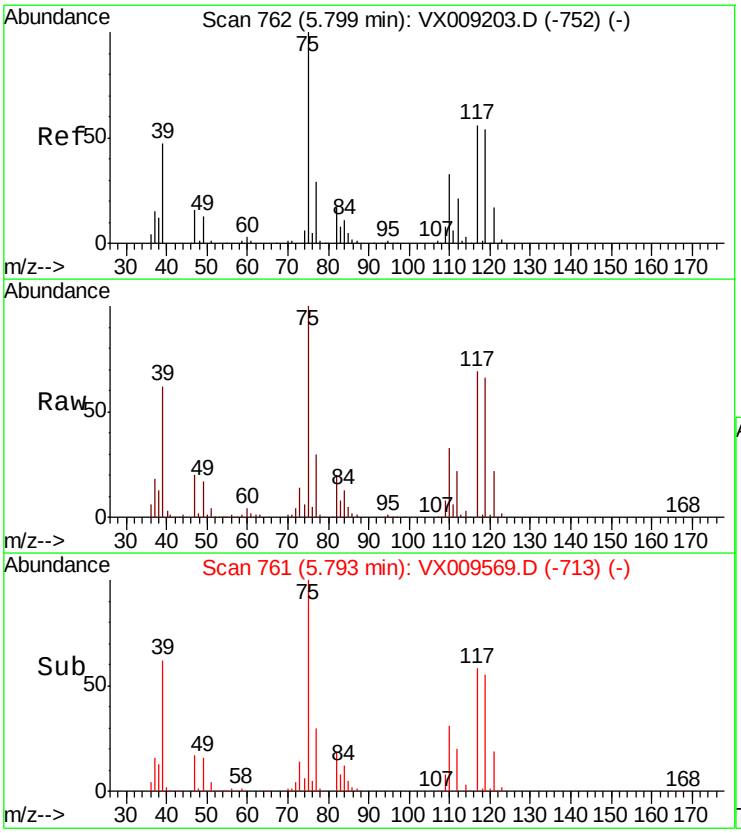

#35
Dibromofluoromethane
Concen: 51.115 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion:113 Resp: 81003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.2 | 82.8 | 124.2 |
| 192 | 22.1 | 17.0 | 25.6 |

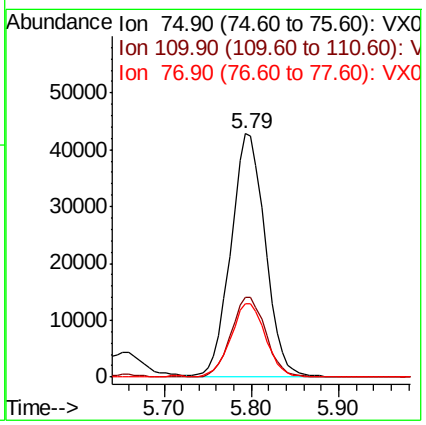


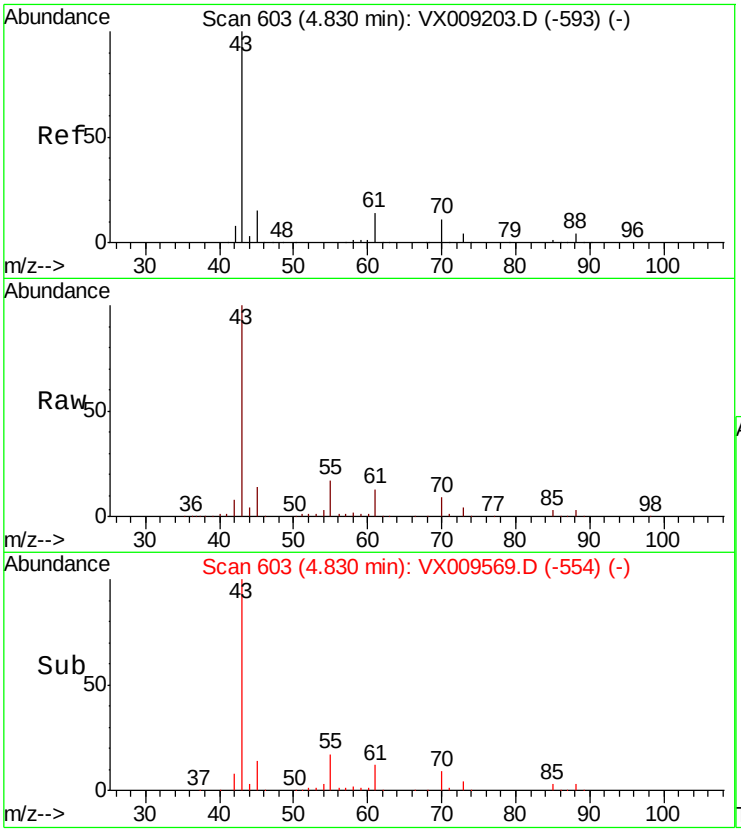




#36
1,1-Dichloropropene
Concen: 49.549 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 75 Resp: 116076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 33.5 | 16.9 | 50.6 |
| 77 | 30.8 | 24.8 | 37.2 |



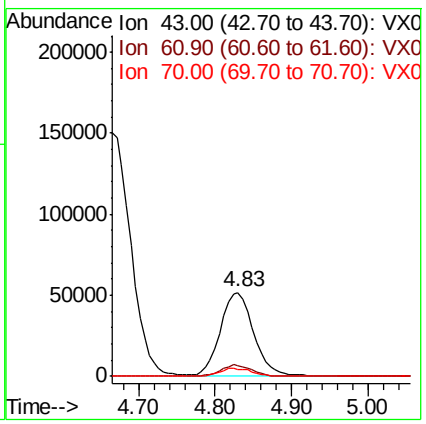


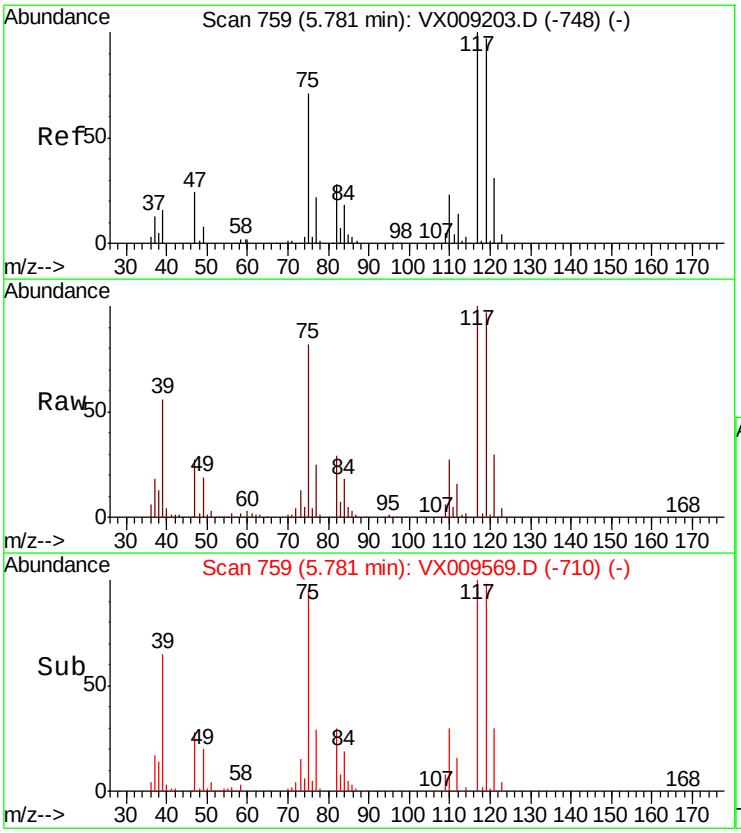

#37
Ethyl Acetate
Concen: 47.682 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 43 Resp: 155637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.4 | 10.5 | 15.7 |
| 70 | 9.3 | 7.9 | 11.9 |

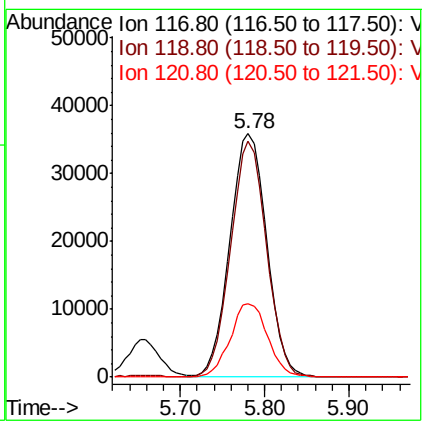


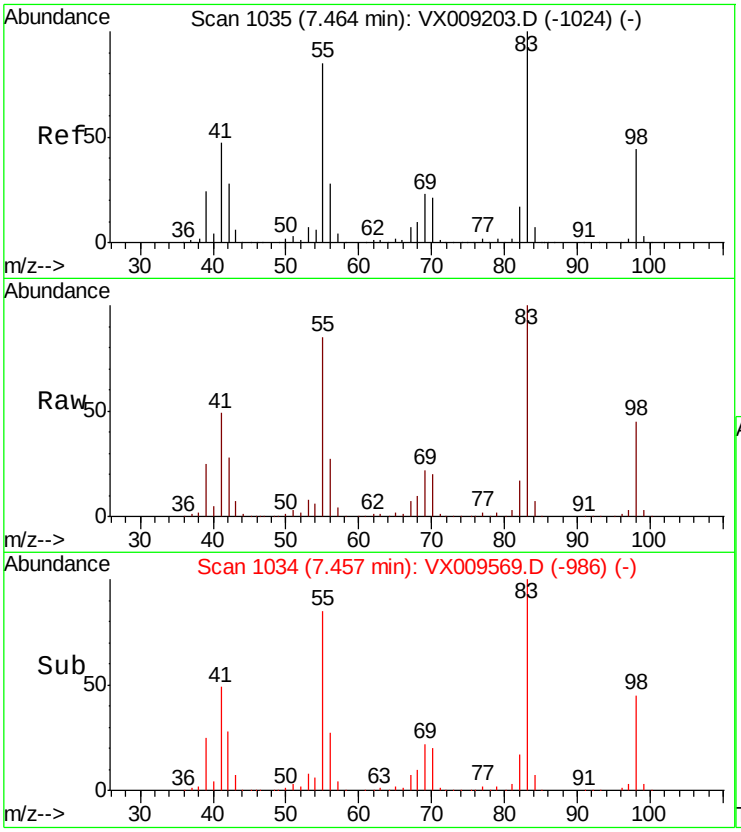




#38
Carbon Tetrachloride
Concen: 50.076 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion:117 Resp: 106584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.9 | 77.5 | 116.3 |
| 121 | 30.1 | 24.7 | 37.1 |



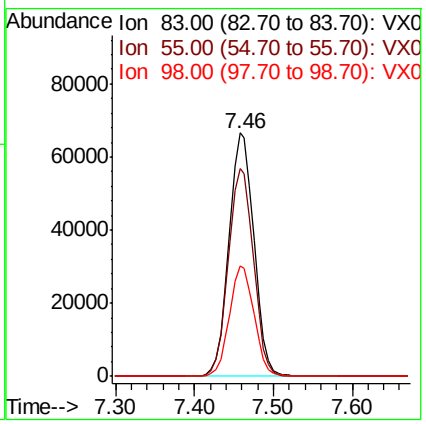


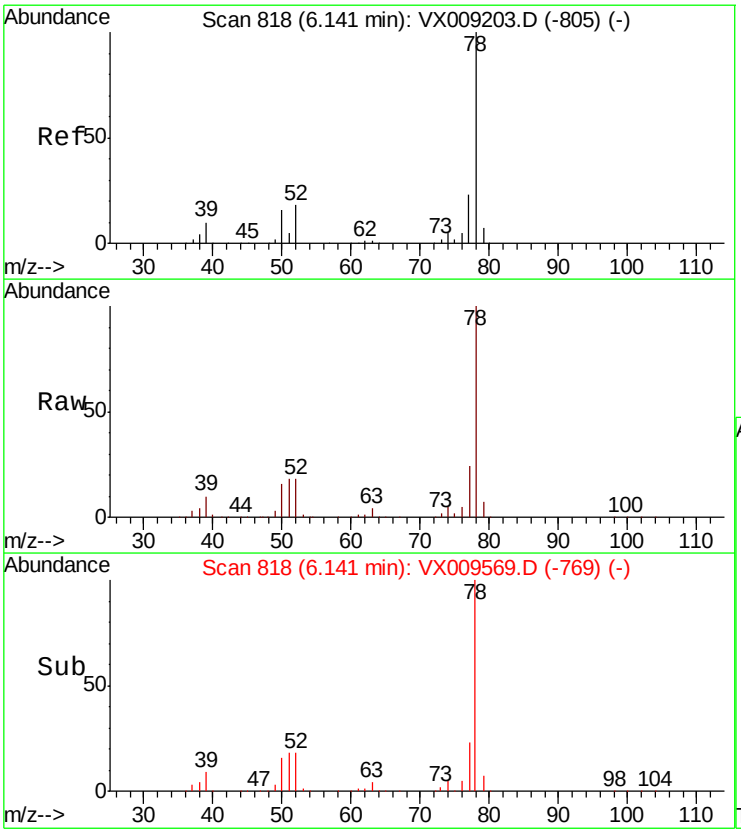

#39
Methylcyclohexane
Concen: 50.964 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 83 Resp: 146624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 85.5 | 67.7 | 101.5 |
| 98 | 45.5 | 35.5 | 53.3 |

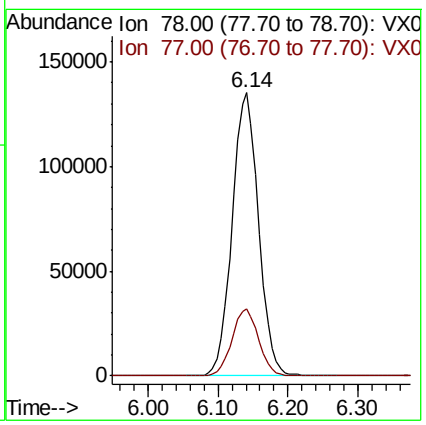


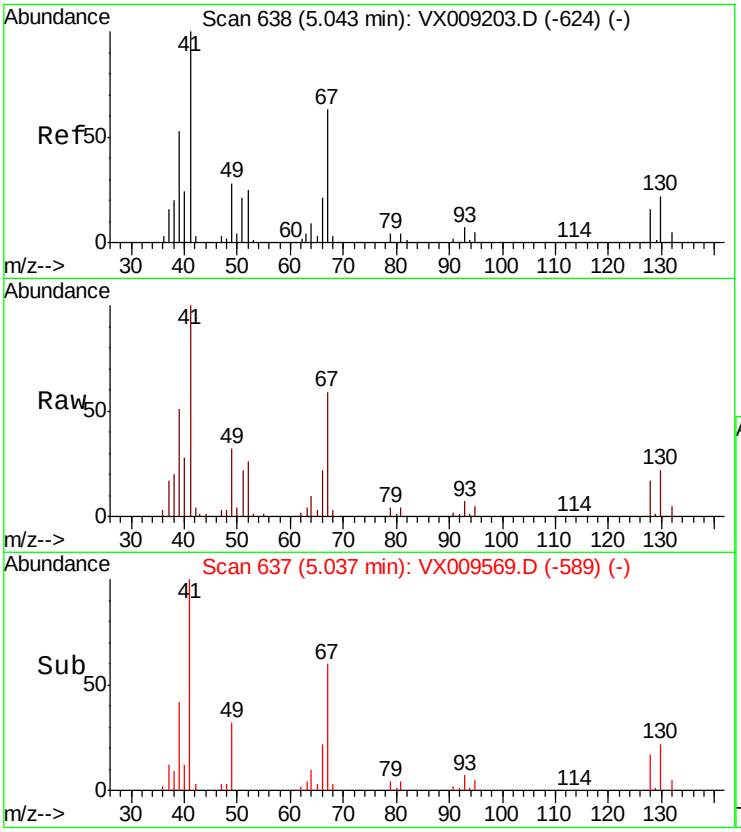




#40
Benzene
Concen: 48.855 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 78 Resp: 354207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.6 | 18.8 | 28.2 |



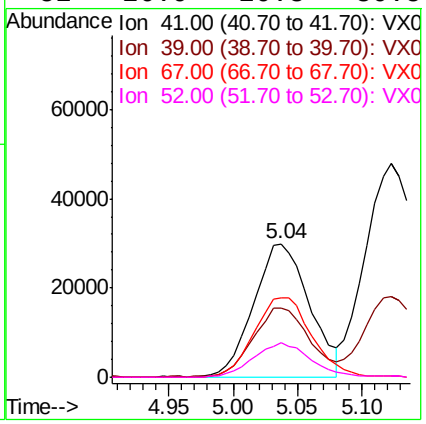


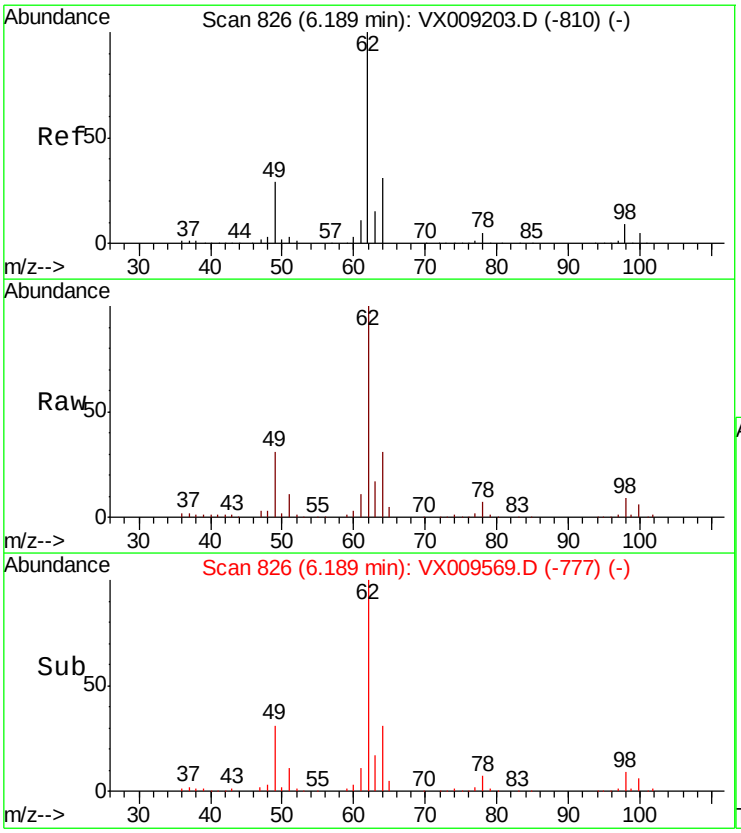

#41
Methacrylonitrile
Concen: 46.143 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 41 Resp: 89655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 52.5 | 42.0 | 63.0 |
| 67 | 62.3 | 49.8 | 74.8 |
| 52 | 26.9 | 20.3 | 30.5 |

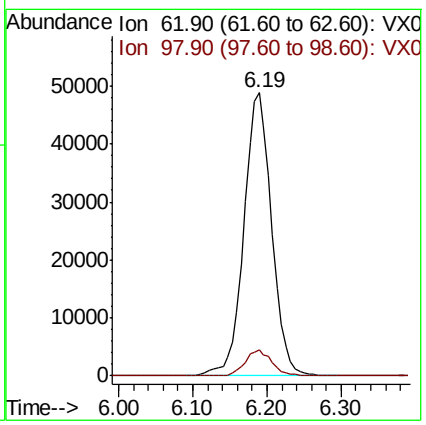


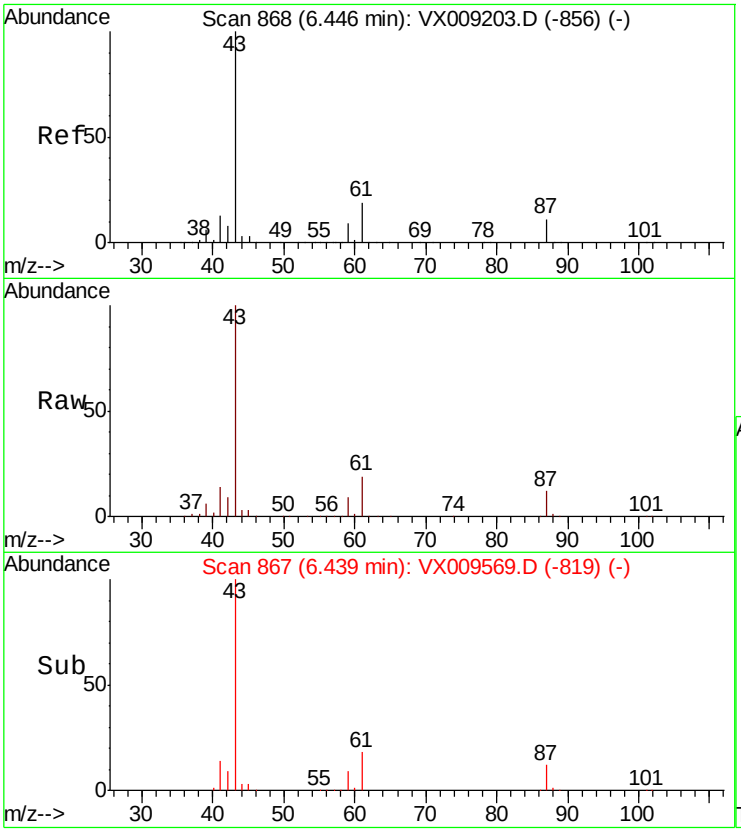




#42
1,2-Dichloroethane
Concen: 49.109 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 62 Resp: 127719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.9 | 0.0 | 18.2 |



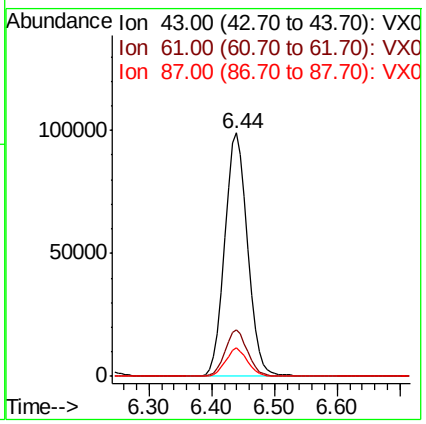


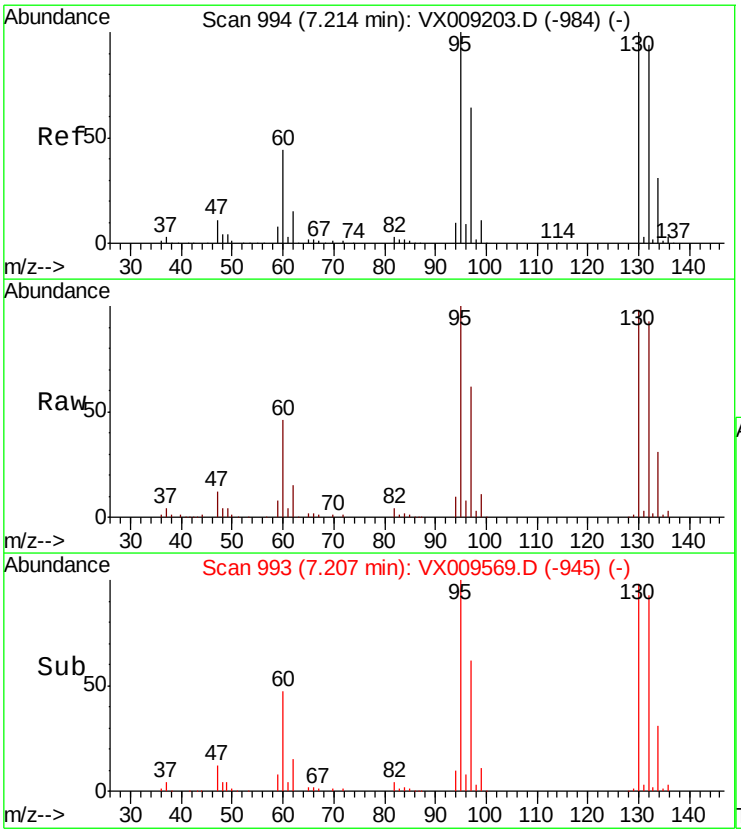

#43
Isopropyl Acetate
Concen: 47.588 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 43 Resp: 248458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.8 | 15.1 | 22.7 |
| 87 | 11.2 | 9.0 | 13.6 |

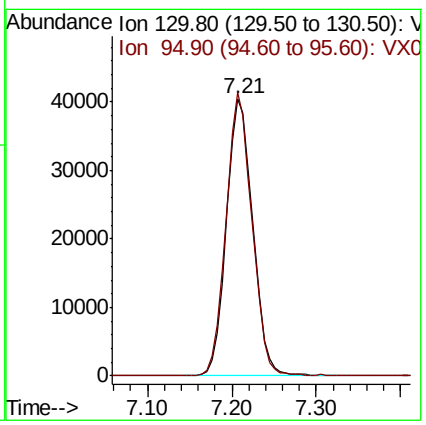


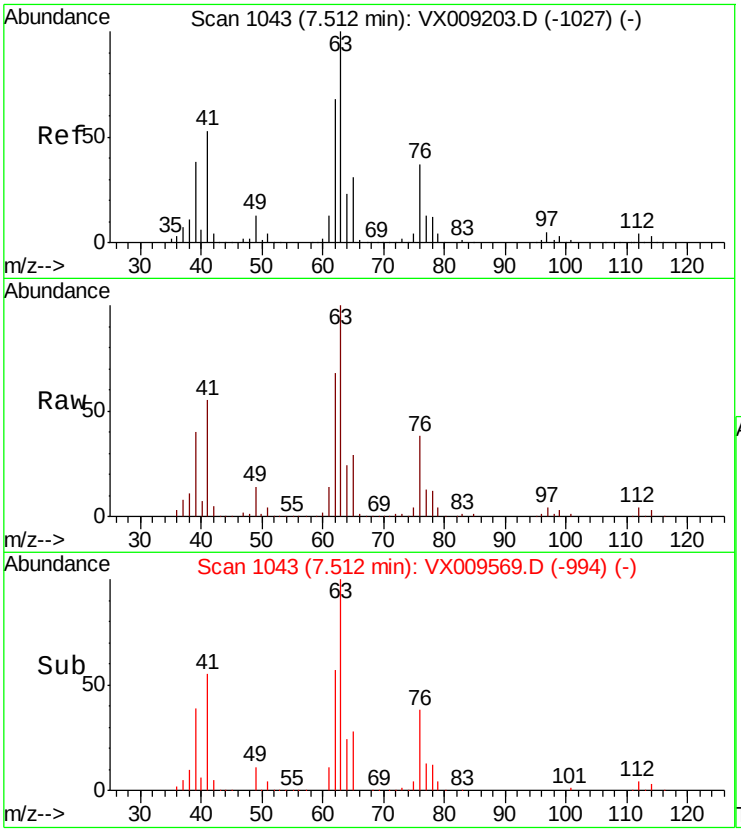




#44
Trichloroethene
Concen: 49.080 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion:130 Resp: 86025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 102.1 | 0.0 | 199.2 |



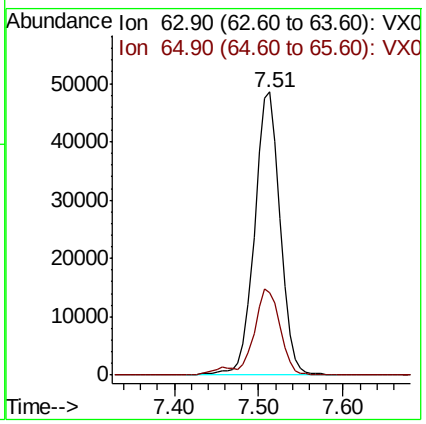


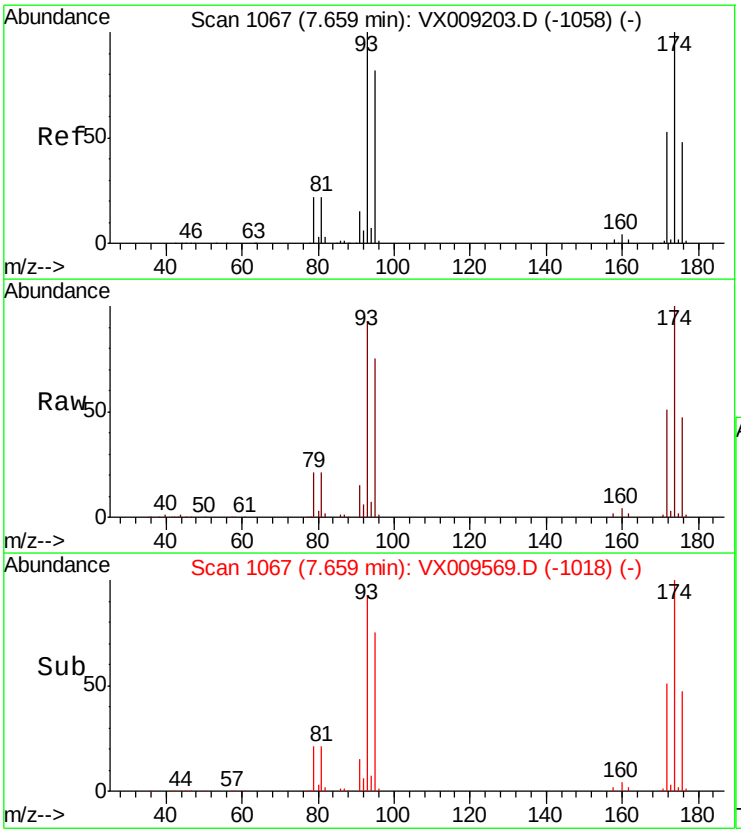

#45
1,2-Dichloropropane
Concen: 49.162 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 63 Resp: 100927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 29.2 | 25.0 | 37.6 |

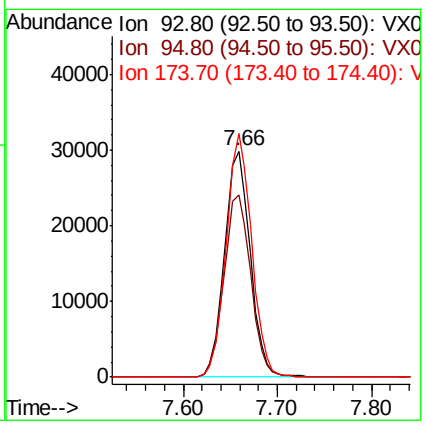


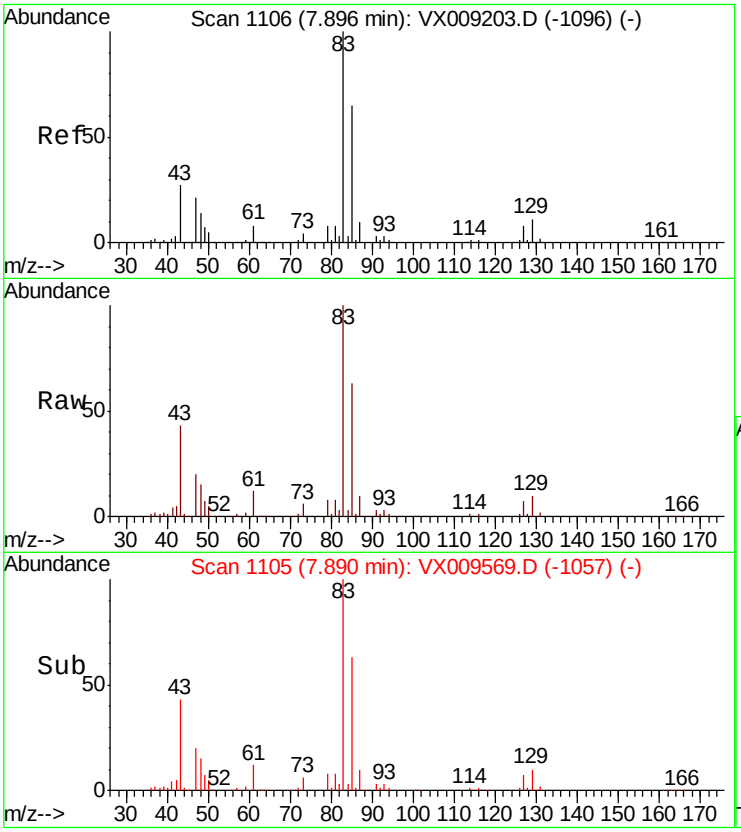




#46
Dibromomethane
Concen: 47.726 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 93 Resp: 56897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.8 | 66.5 | 99.7 |
| 174 | 106.9 | 82.1 | 123.1 |



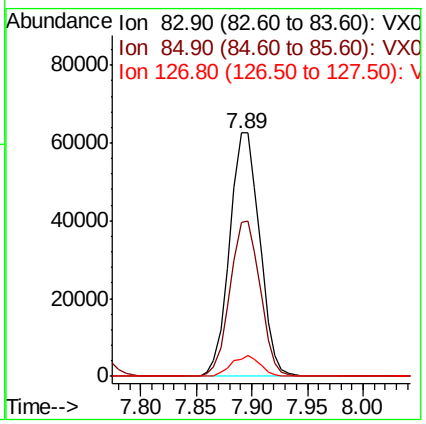


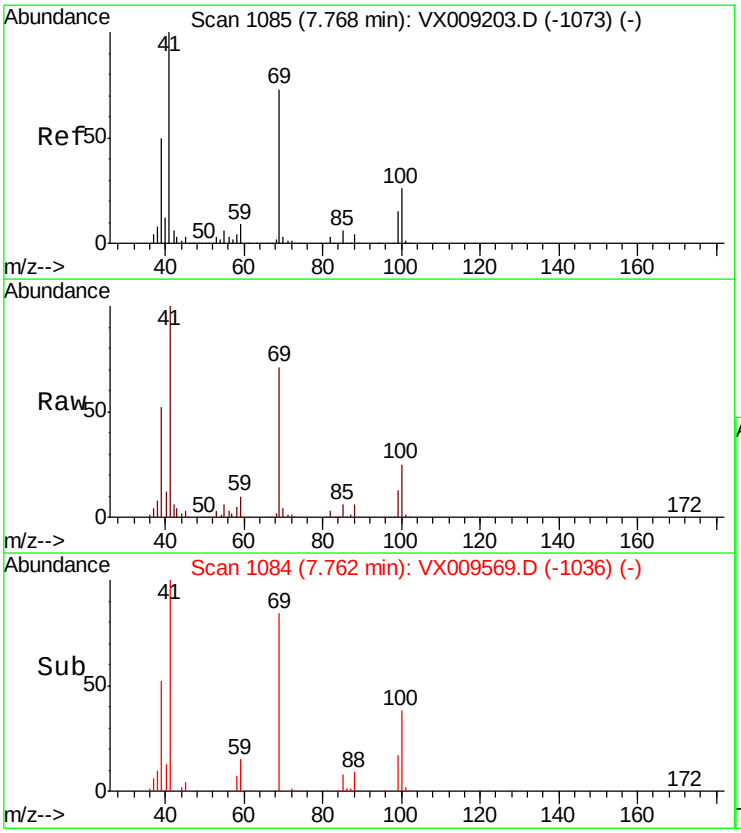

#47
Bromodichloromethane
Concen: 49.418 ug/l
RT: 7.89 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 83 Resp: 117519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.1 | 52.4 | 78.6 |
| 127 | 7.3 | 6.6 | 10.0 |

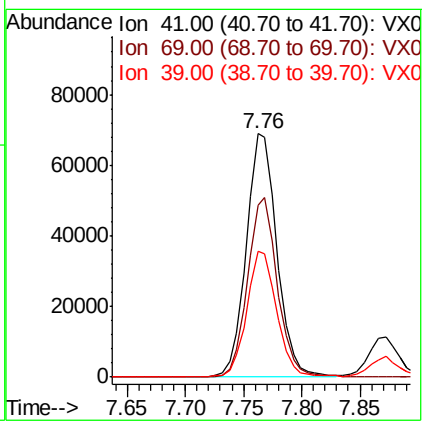


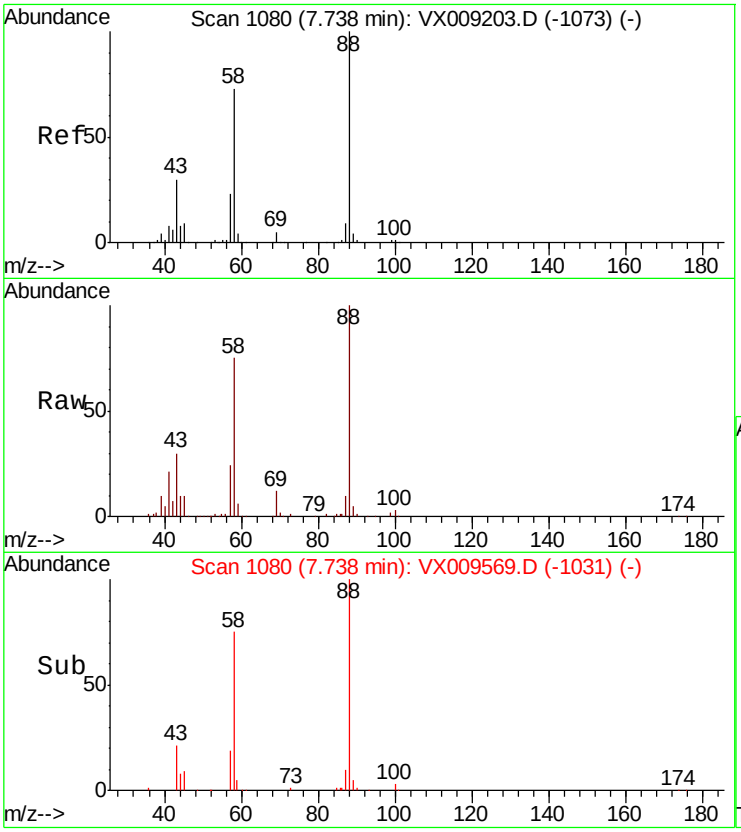




#48
Methyl methacrylate
Concen: 48.666 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 41 Resp: 126058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 72.4 | 59.1 | 88.7 |
| 39 | 50.5 | 40.4 | 60.6 |



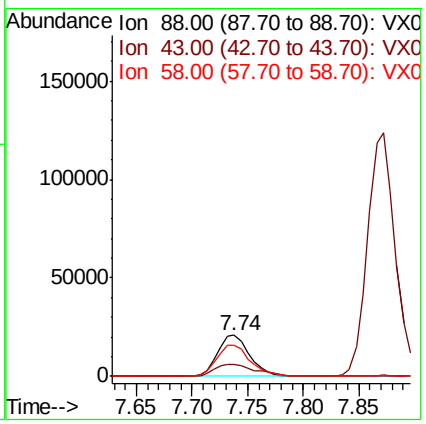


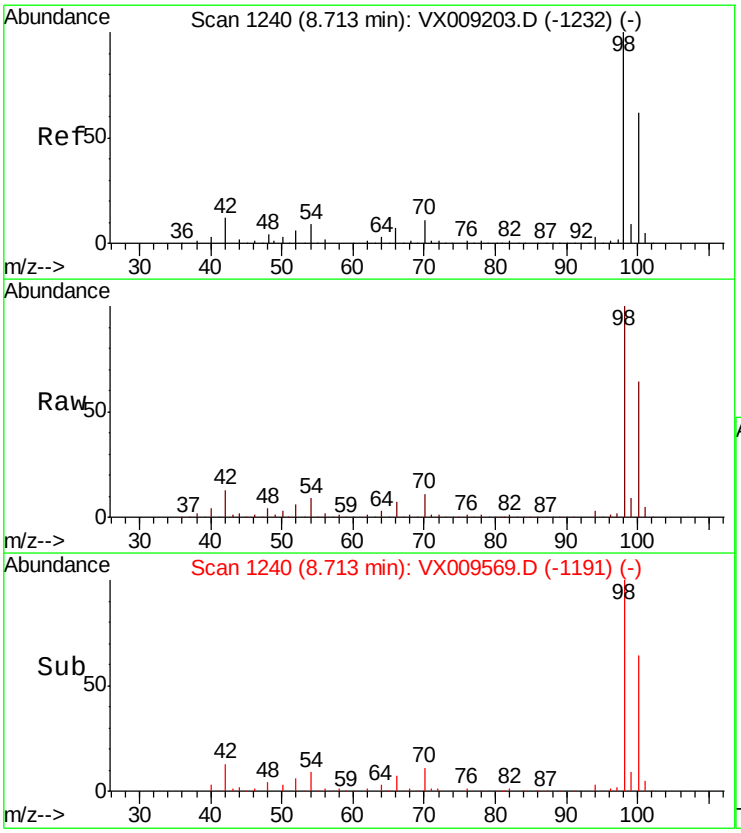

#49
1,4-Dioxane
Concen: 796.362 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 88 Resp: 41833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 37.2 | 28.6 | 42.8 |
| 58 | 79.8 | 61.7 | 92.5 |

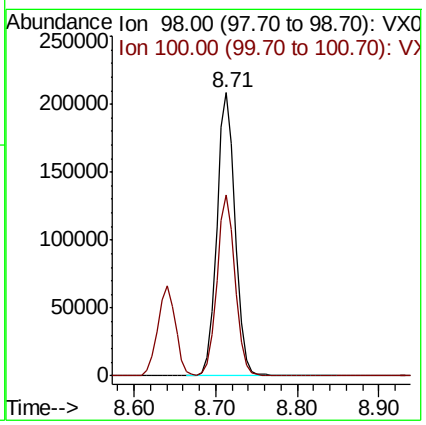


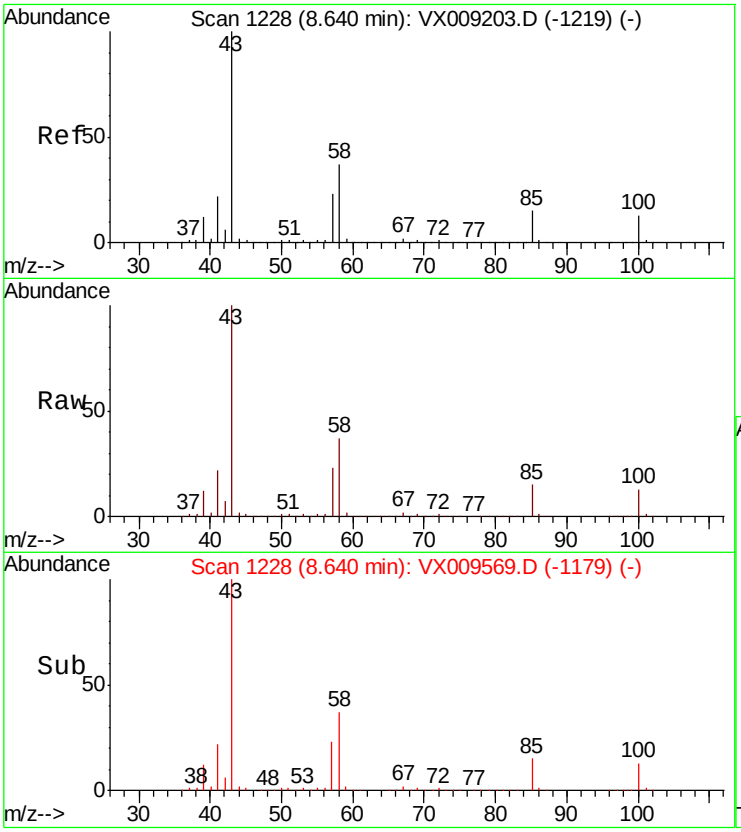




#50
Toluene-d8
Concen: 50.773 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 98 Resp: 324840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.7 | 51.2 | 76.8 |



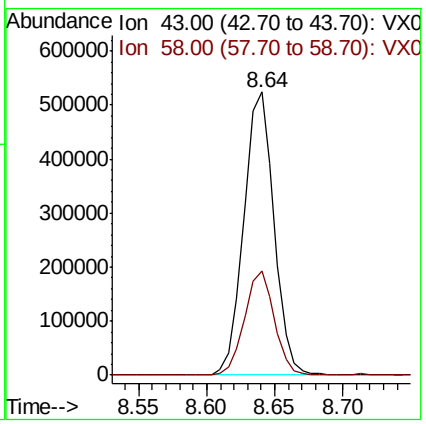


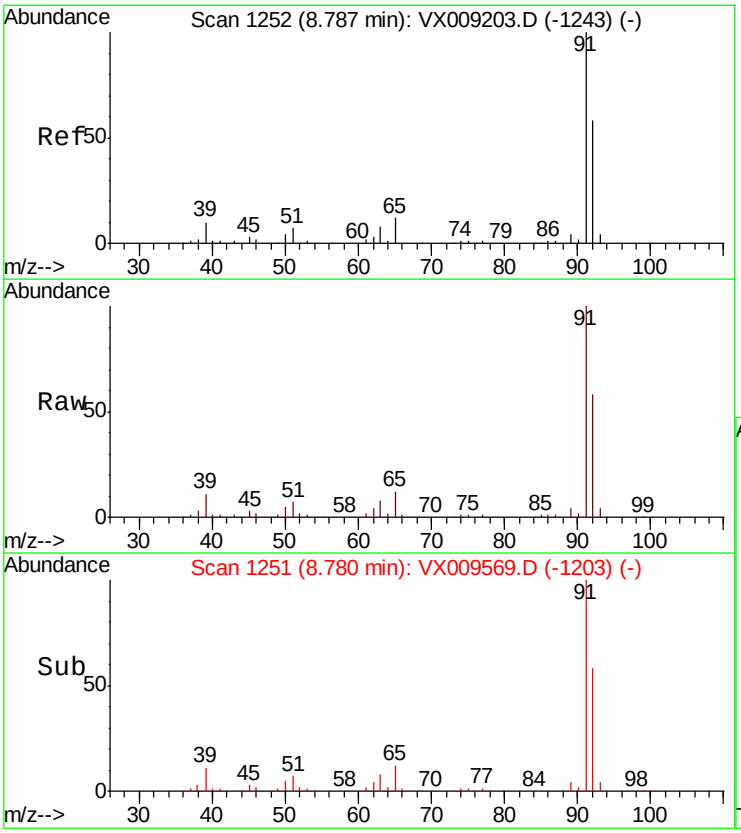

#51
4-Methyl-2-Pentanone
Concen: 239.268 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 43 Resp: 816516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.2 | 29.5 | 44.3 |

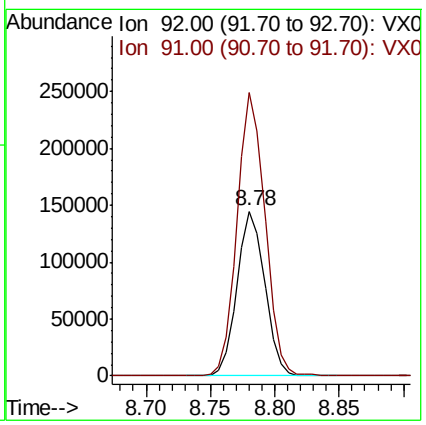


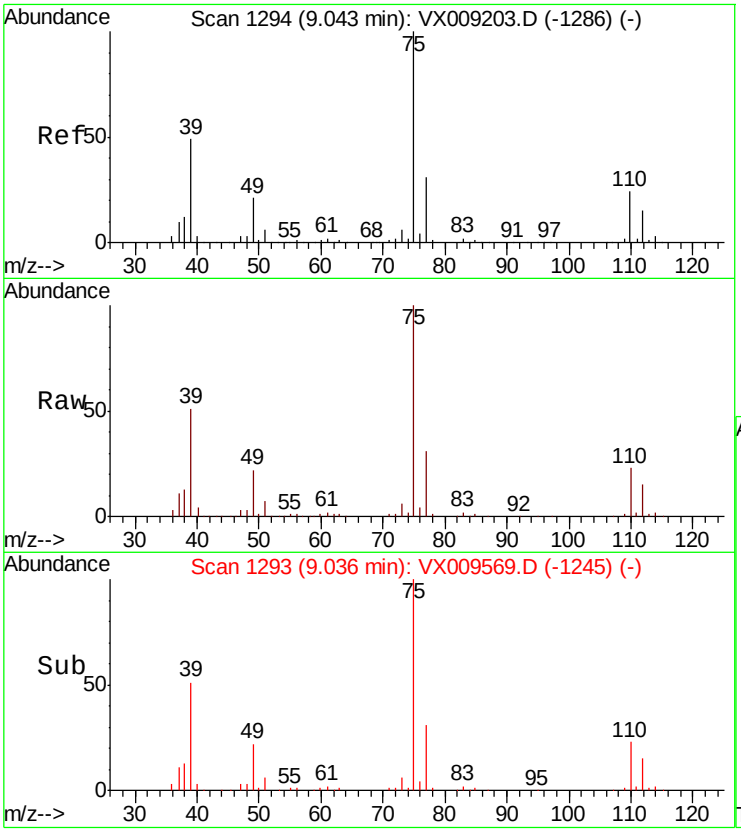




#52
Toluene
Concen: 49.192 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 92 Resp: 216799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 172.9 | 138.8 | 208.2 |



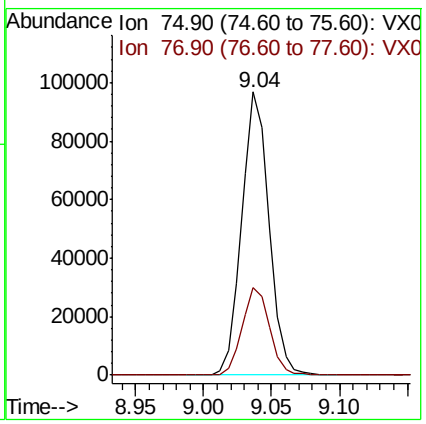


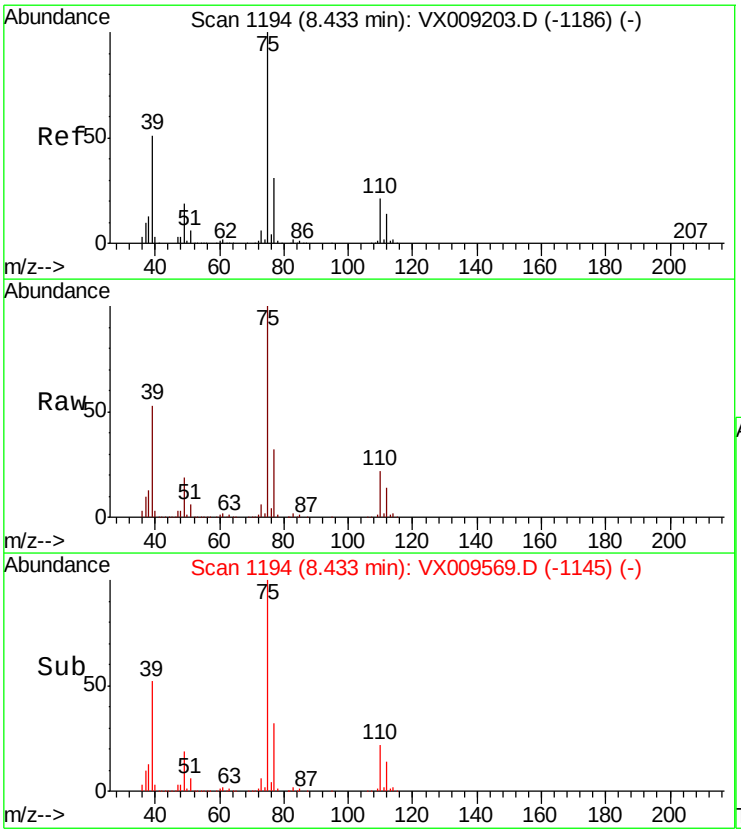

#53
t-1,3-Dichloropropene
Concen: 50.640 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 75 Resp: 135961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.1 | 25.0 | 37.6 |

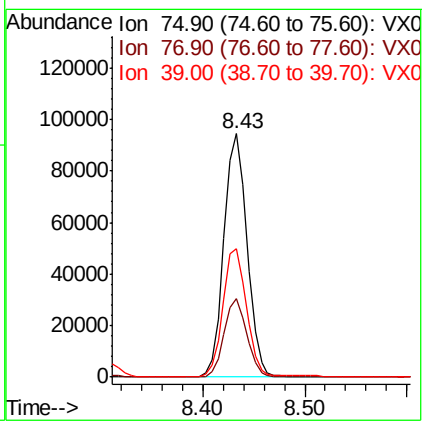


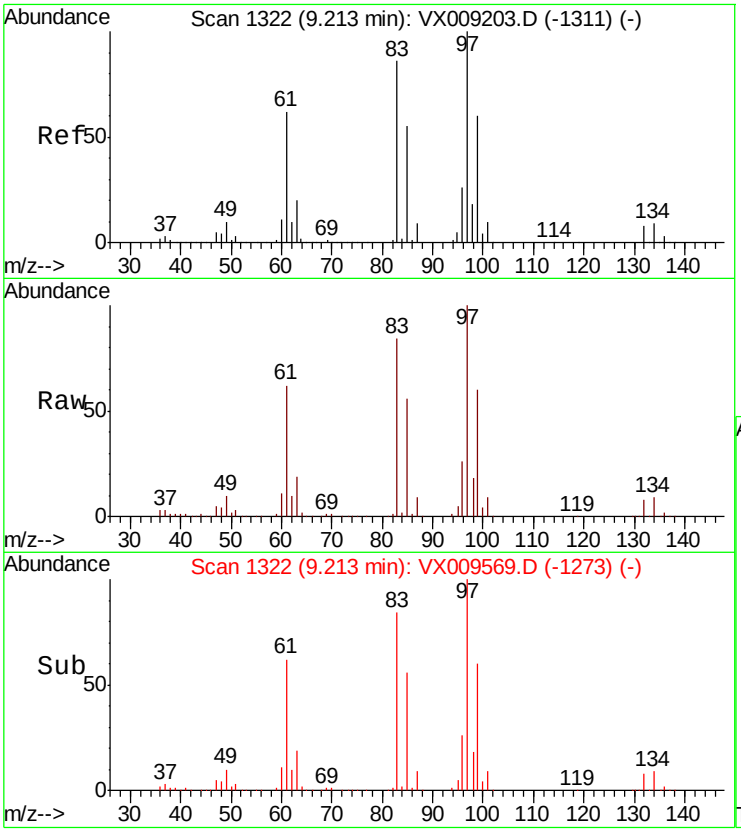




#54
cis-1,3-Dichloropropene
Concen: 50.105 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 75 Resp: 148898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.1 | 24.6 | 36.8 |
| 39 | 52.4 | 40.6 | 60.8 |



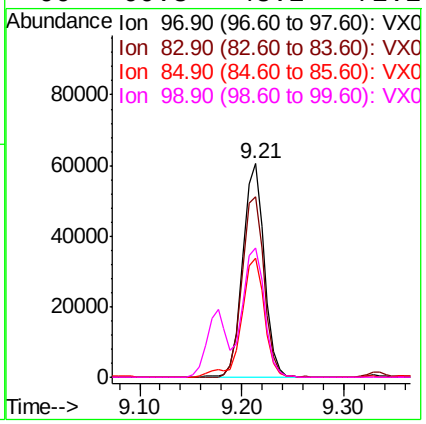


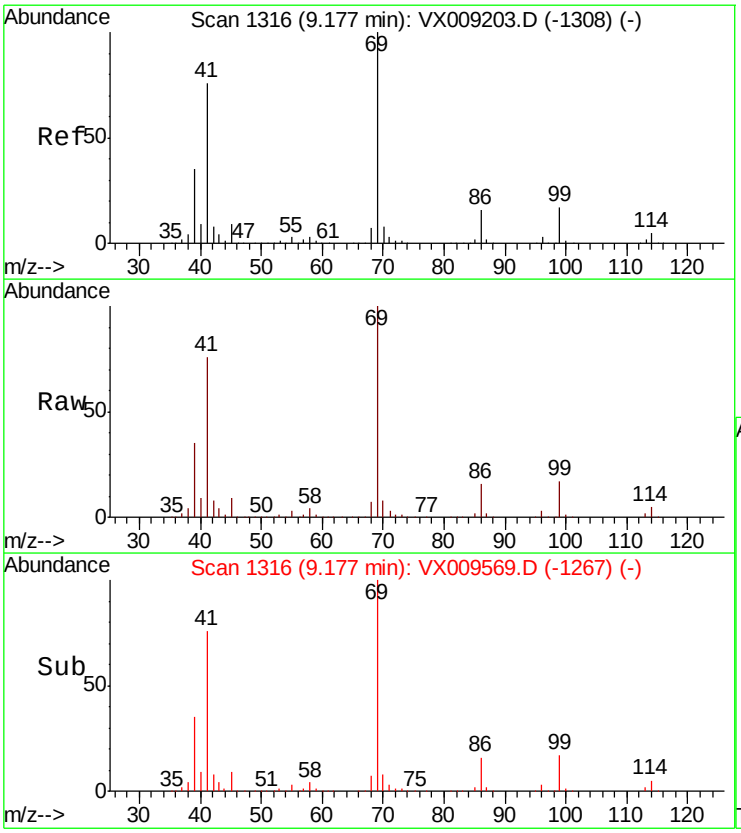

#55
1,1,2-Trichloroethane
Concen: 49.171 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 97 Resp: 88410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 84.3 | 68.9 | 103.3 |
| 85 | 55.8 | 43.8 | 65.6 |
| 99 | 60.3 | 48.2 | 72.2 |

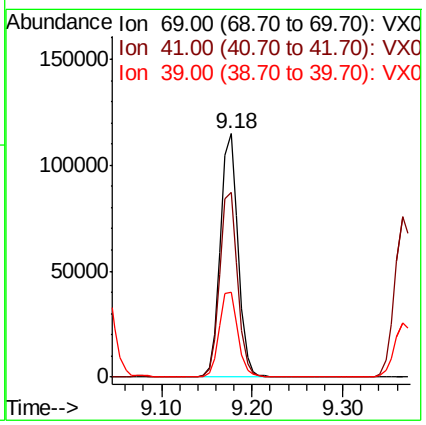


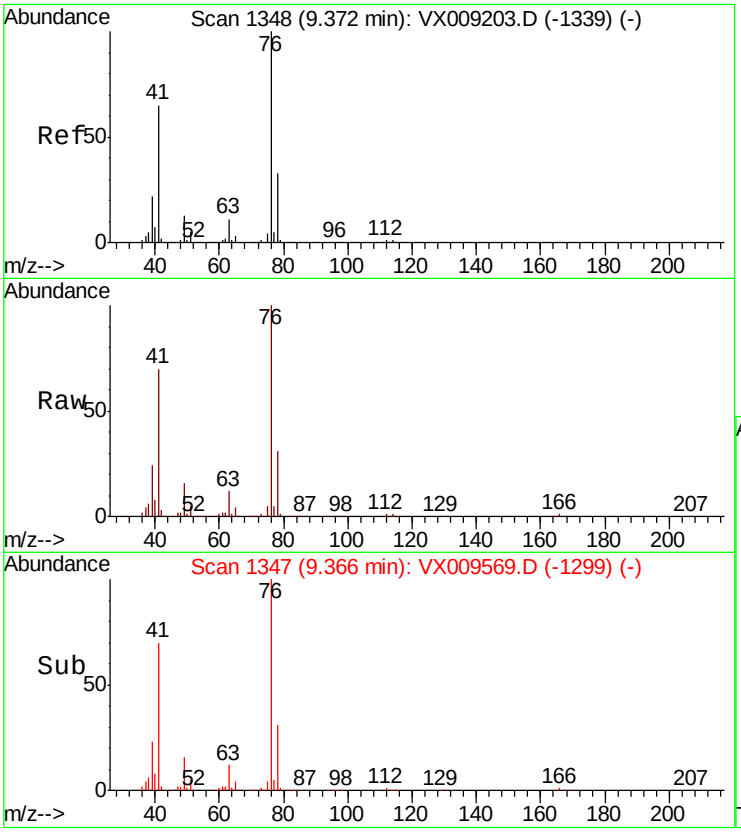




#56
Ethyl methacrylate
Concen: 48.818 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 69 Resp: 156684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 76.3 | 60.6 | 90.8 |
| 39 | 36.5 | 28.2 | 42.4 |



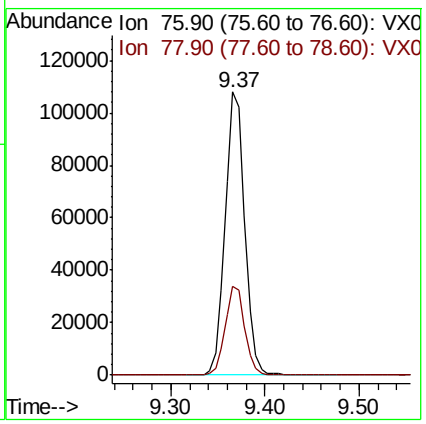


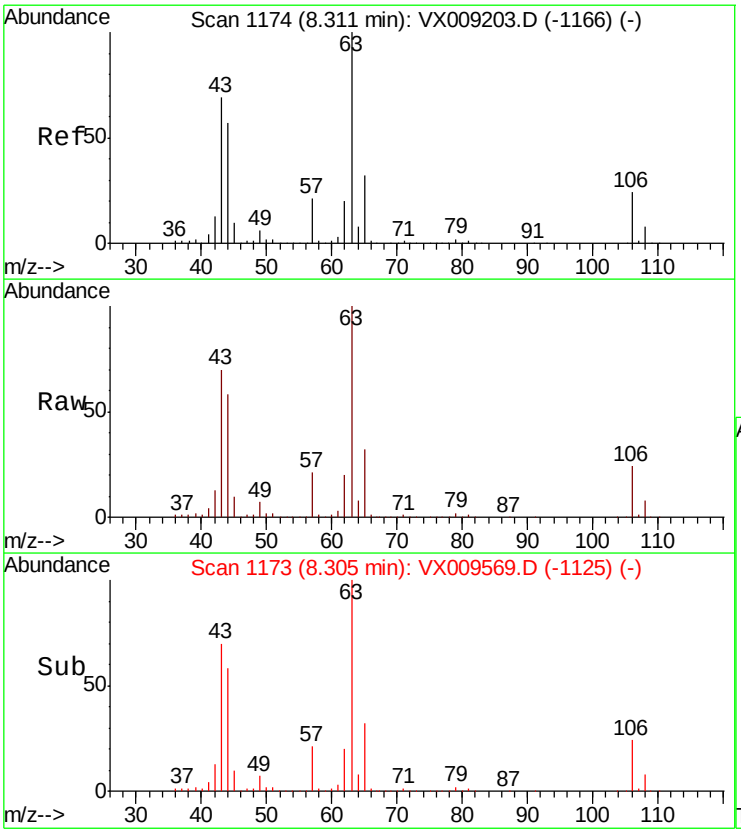

#57
1,3-Dichloropropane
Concen: 49.041 ug/l
RT: 9.37 min Scan# 1347
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 76 Resp: 155168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.3 | 25.5 | 38.3 |

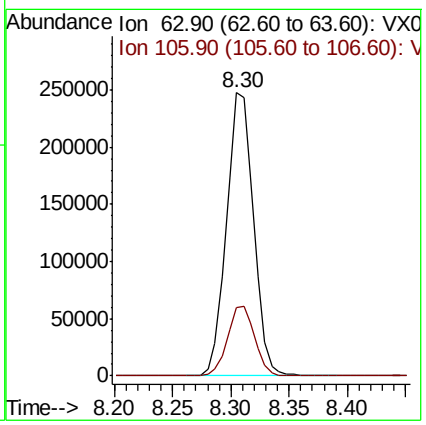


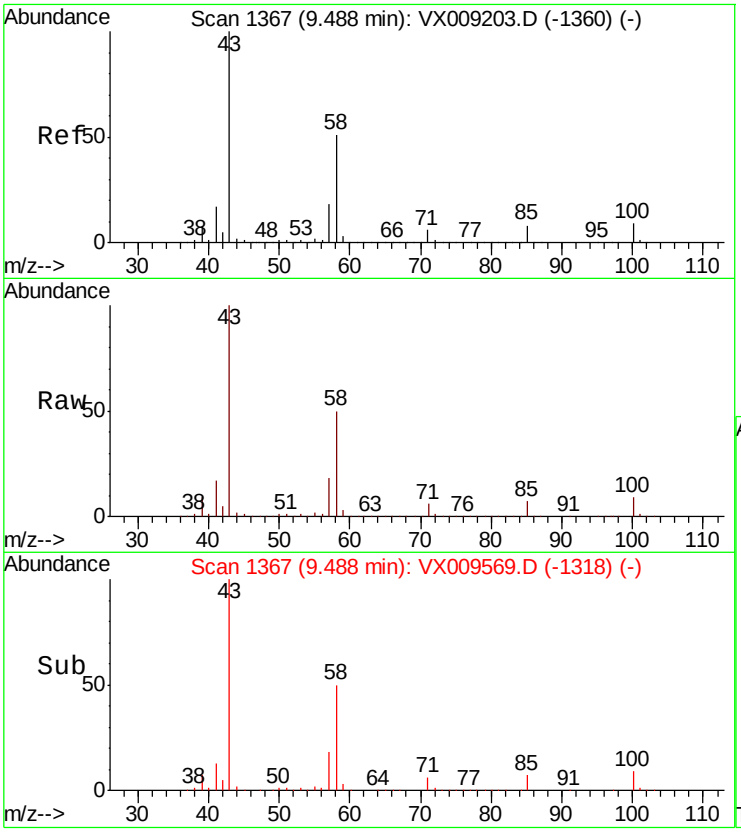




#58
2-Chloroethyl Vinyl ether
Concen: 234.777 ug/l
RT: 8.30 min Scan# 1173
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 63 Resp: 399743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 24.7 | 19.7 | 29.5 |



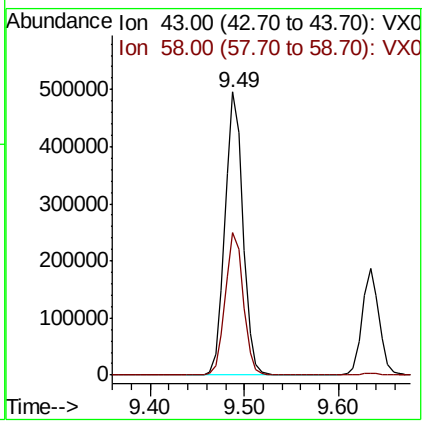


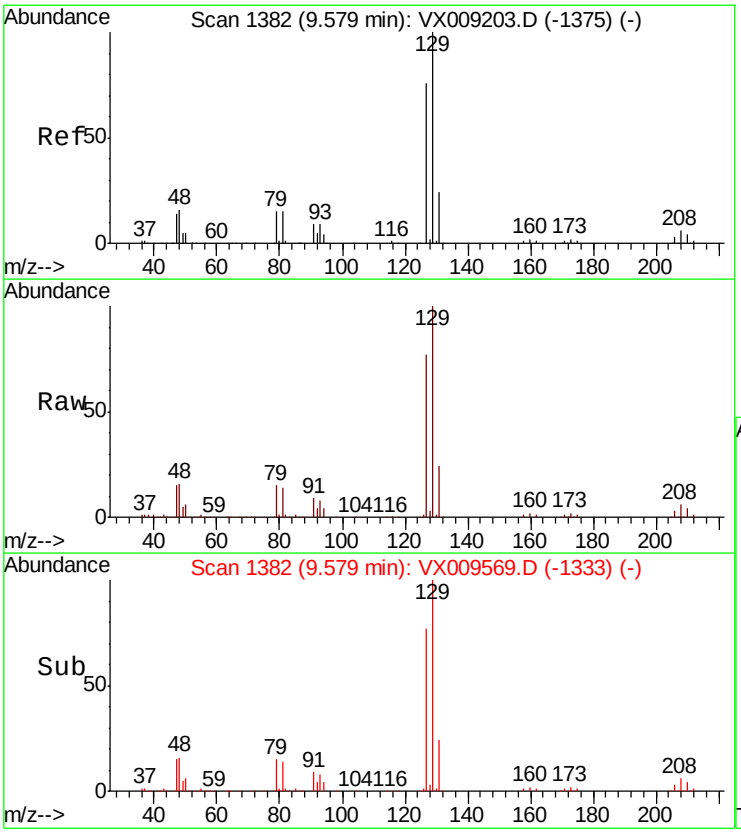

#59
2-Hexanone
Concen: 244.108 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 43 Resp: 654253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 50.8 | 25.9 | 77.7 |

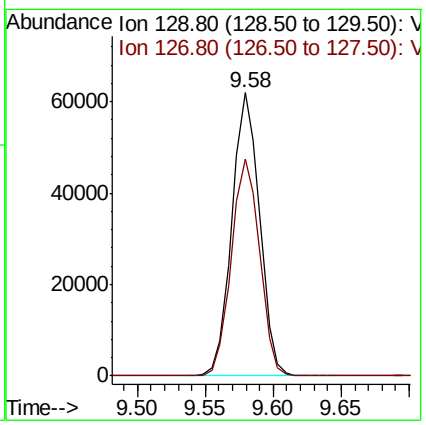


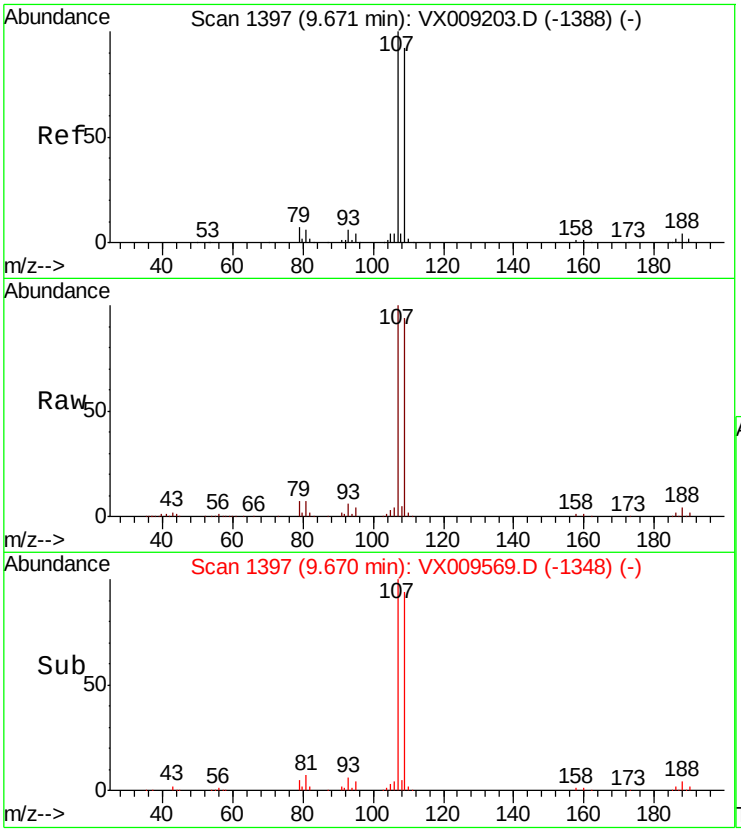




#60
Dibromochloromethane
Concen: 49.977 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion:129 Resp: 87763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.2 | 38.4 | 115.1 |



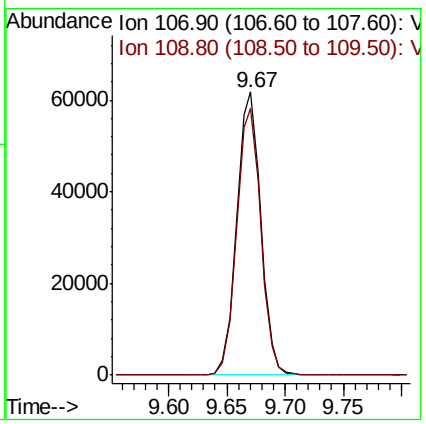


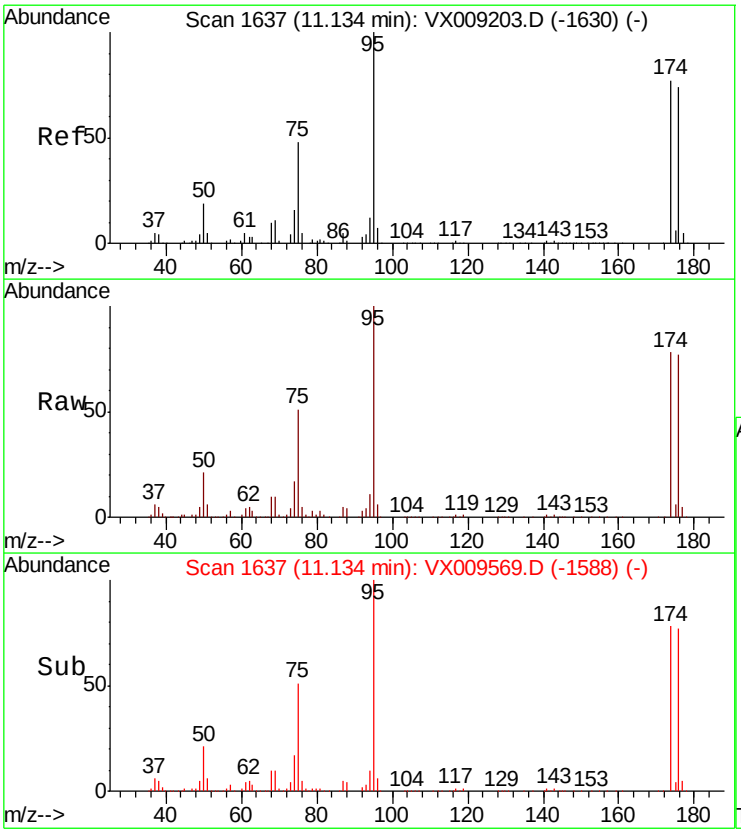

#61
1,2-Dibromoethane
Concen: 48.961 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion:107 Resp: 88862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.7 | 75.2 | 112.8 |

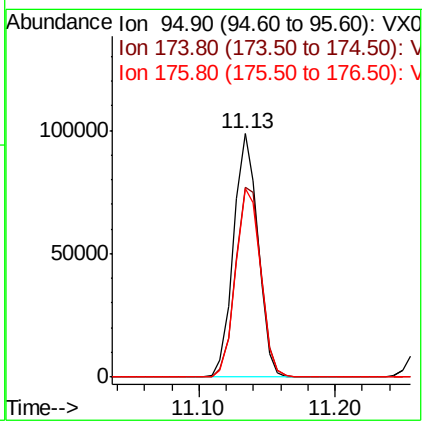


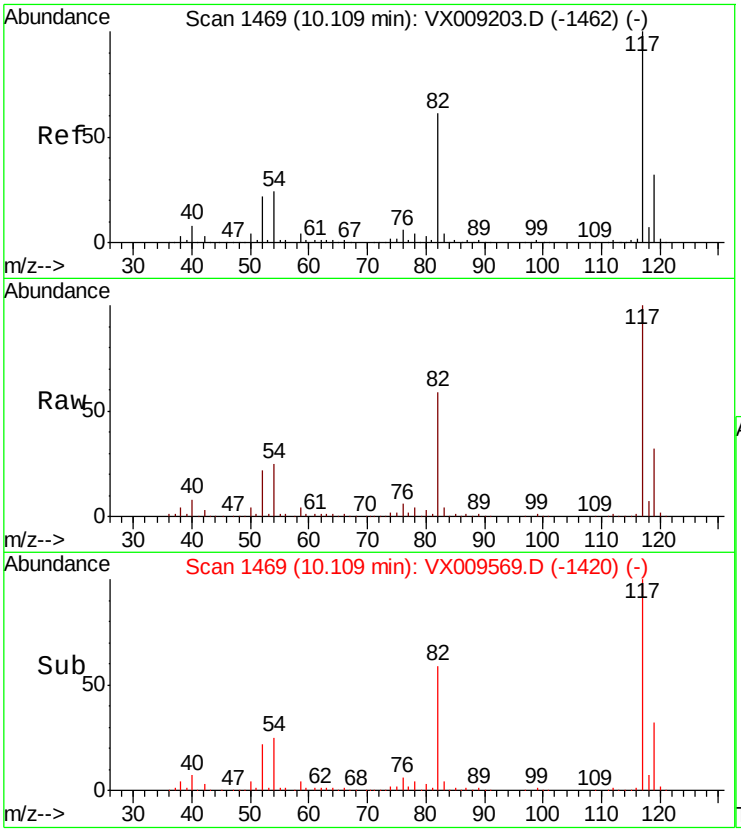




#62
4-Bromofluorobenzene
Concen: 52.966 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 95 Resp: 123132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 81.7 | 0.0 | 161.6 |
| 176 | 79.6 | 0.0 | 159.2 |



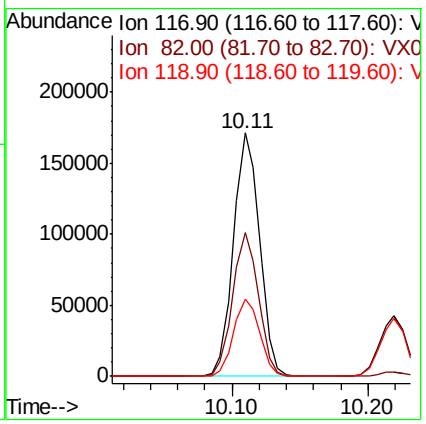


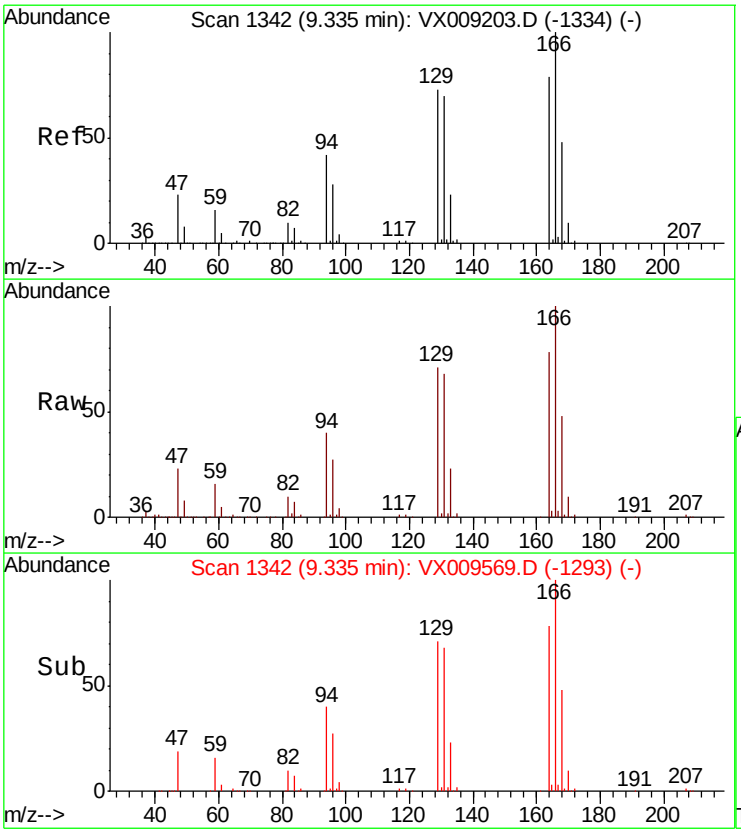

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion:117 Resp: 228976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 59.0 | 48.8 | 73.2 |
| 119 | 31.8 | 25.8 | 38.6 |

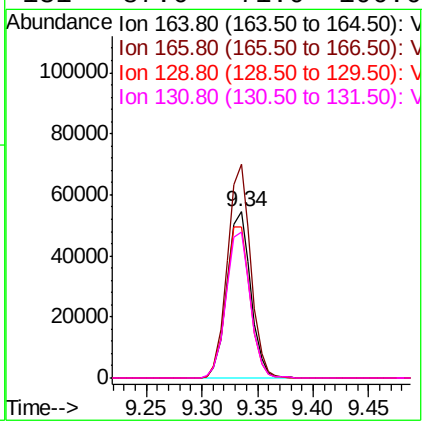


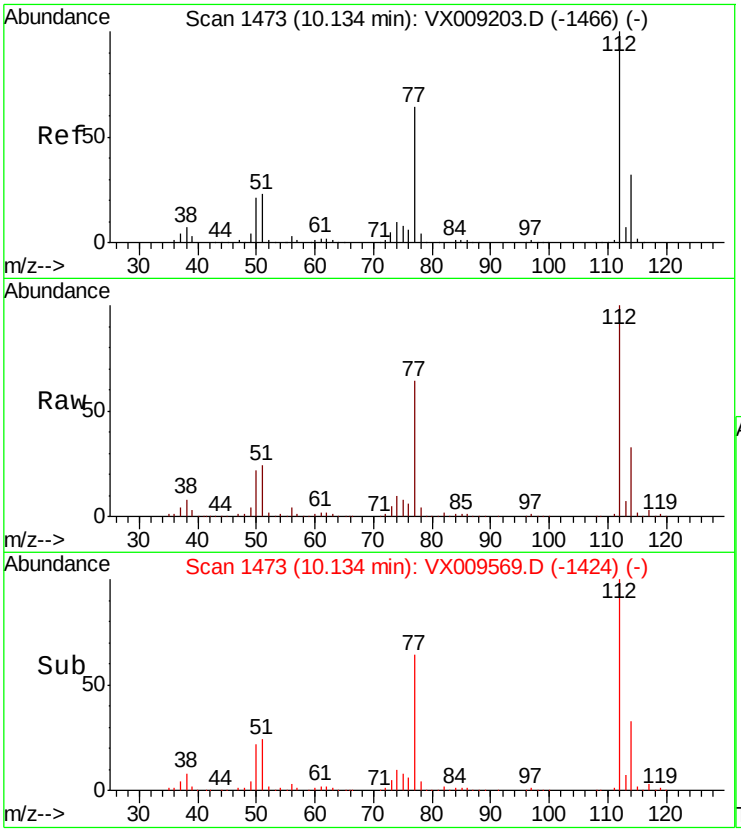




#64
Tetrachloroethene
Concen: 50.951 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion:164 Resp: 80027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 128.7 | 101.2 | 151.8 |
| 129 | 91.2 | 74.3 | 111.5 |
| 131 | 87.6 | 71.0 | 106.6 |



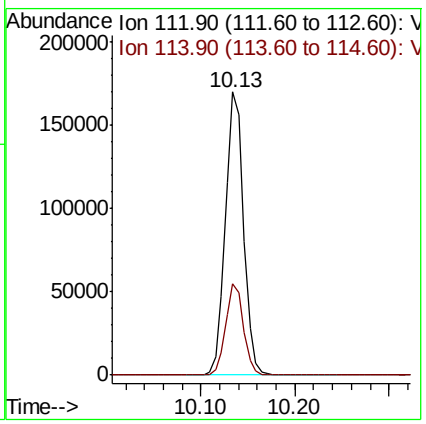


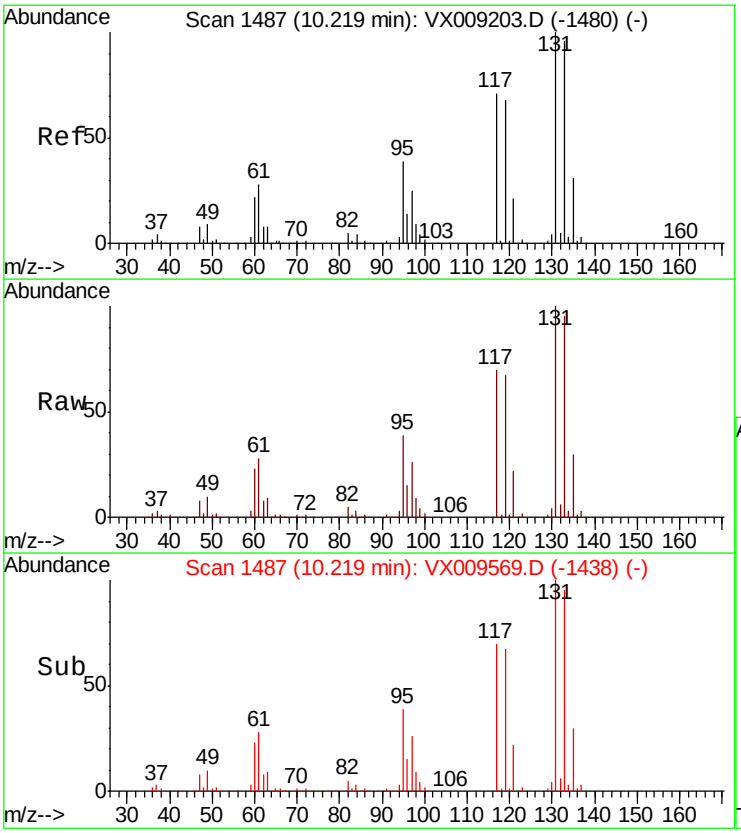

#65
Chlorobenzene
Concen: 49.803 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion:112 Resp: 228125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.5 | 25.5 | 38.3 |

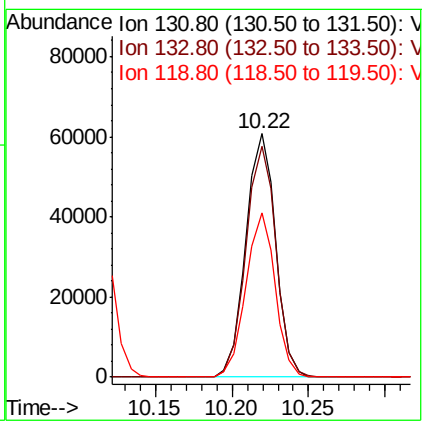


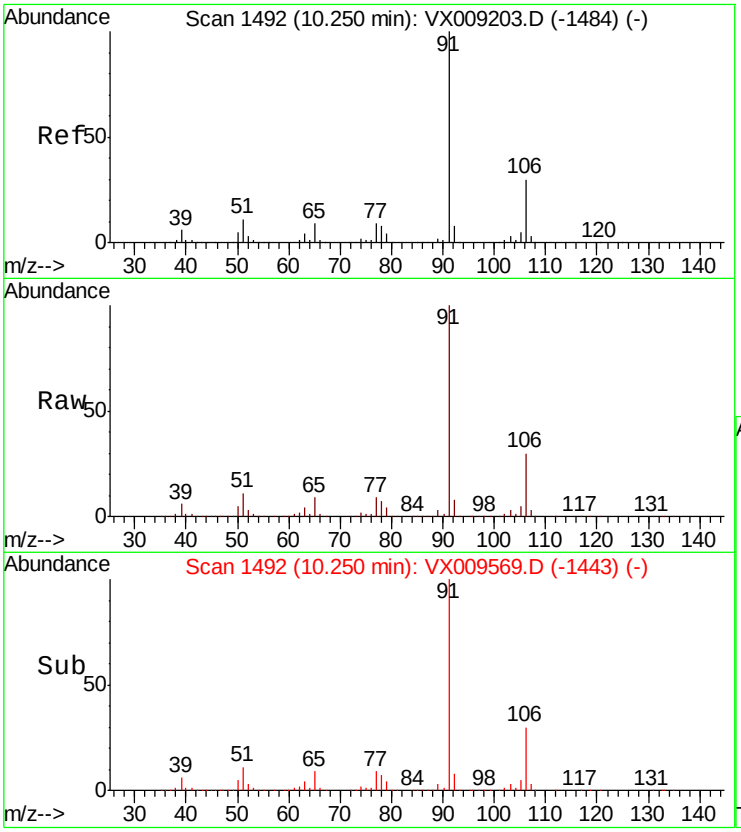




#66
1,1,1,2-Tetrachloroethane
Concen: 49.603 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion:131 Resp: 82372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.5 | 47.7 | 143.1 |
| 119 | 66.1 | 33.5 | 100.4 |



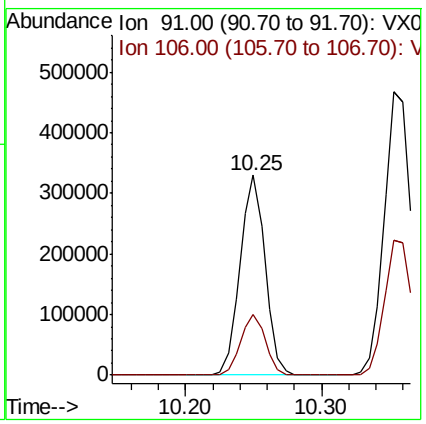


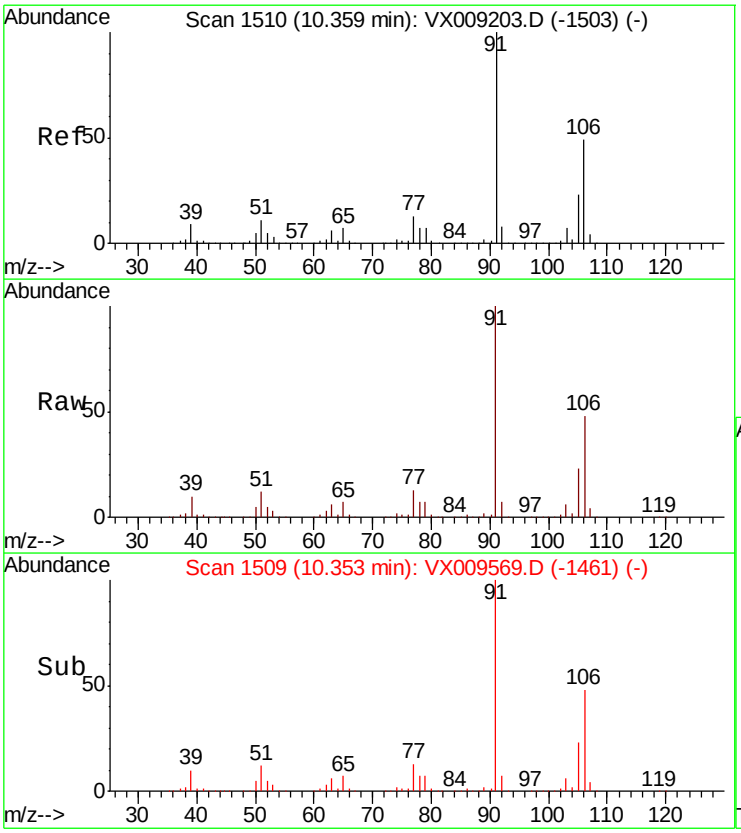

#67
Ethyl Benzene
Concen: 50.250 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 91 Resp: 423608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.4 | 24.0 | 36.0 |

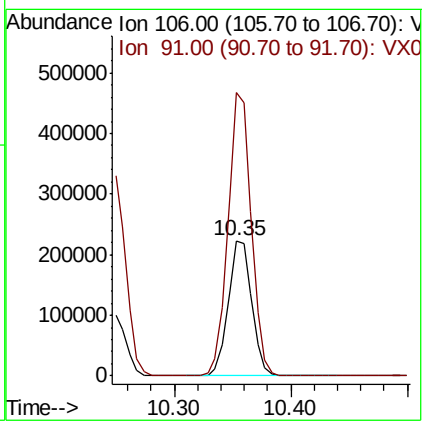


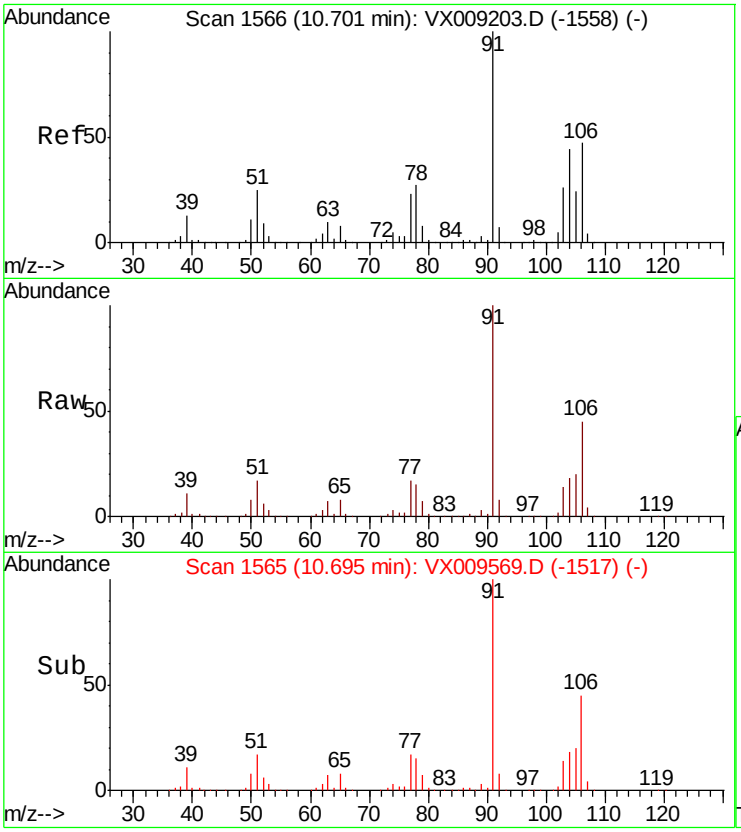




#68
m/p-Xylenes
Concen: 101.547 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion:106 Resp: 312823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 207.0 | 164.0 | 246.0 |



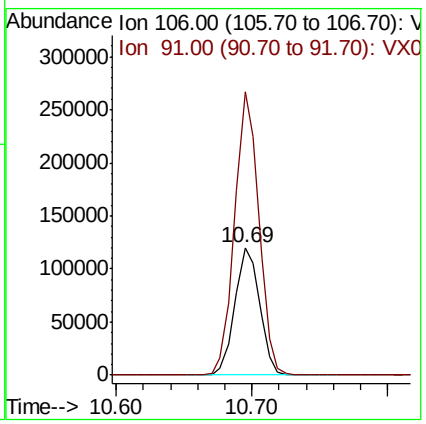


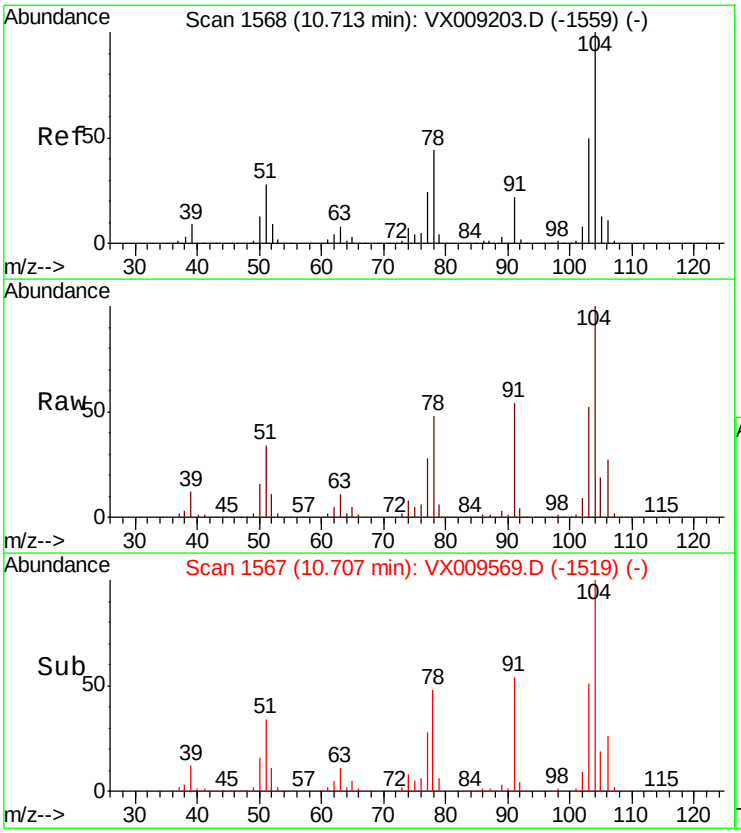

#69
o-Xylene
Concen: 50.041 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion:106 Resp: 152096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 217.7 | 109.5 | 328.4 |

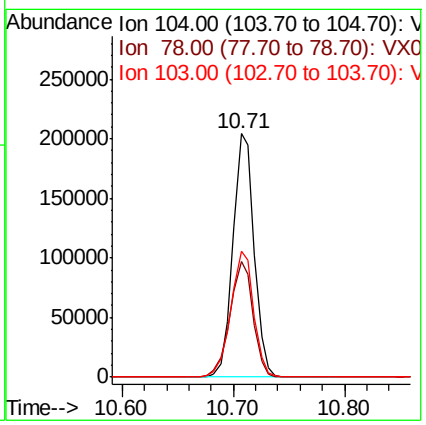


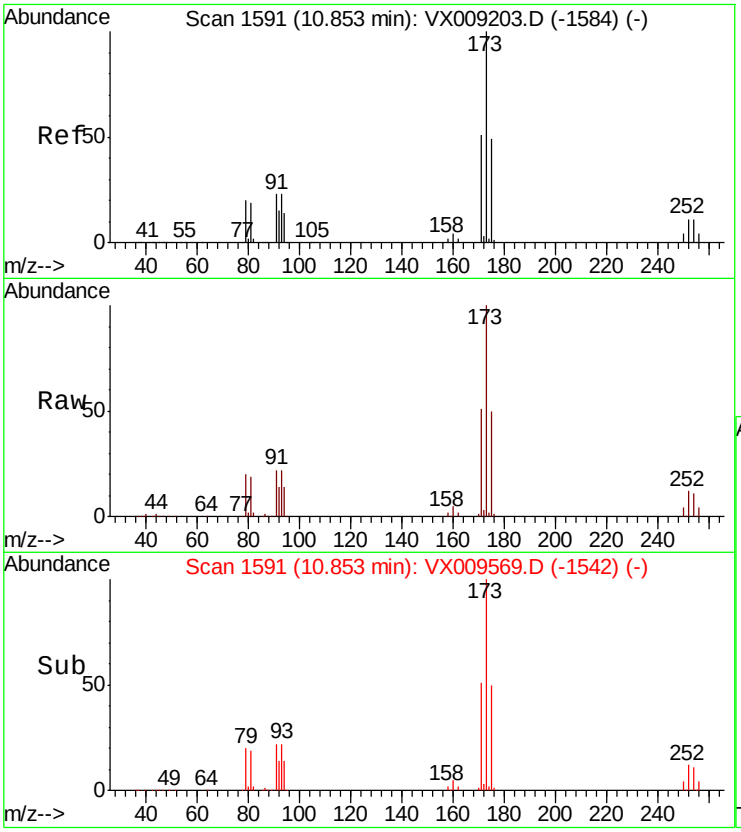




#70
Styrene
Concen: 50.789 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion:104 Resp: 268309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 51.6 | 41.0 | 61.4 |
| 103 | 55.6 | 43.8 | 65.6 |



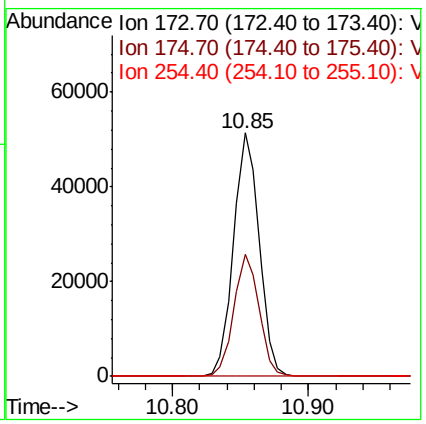


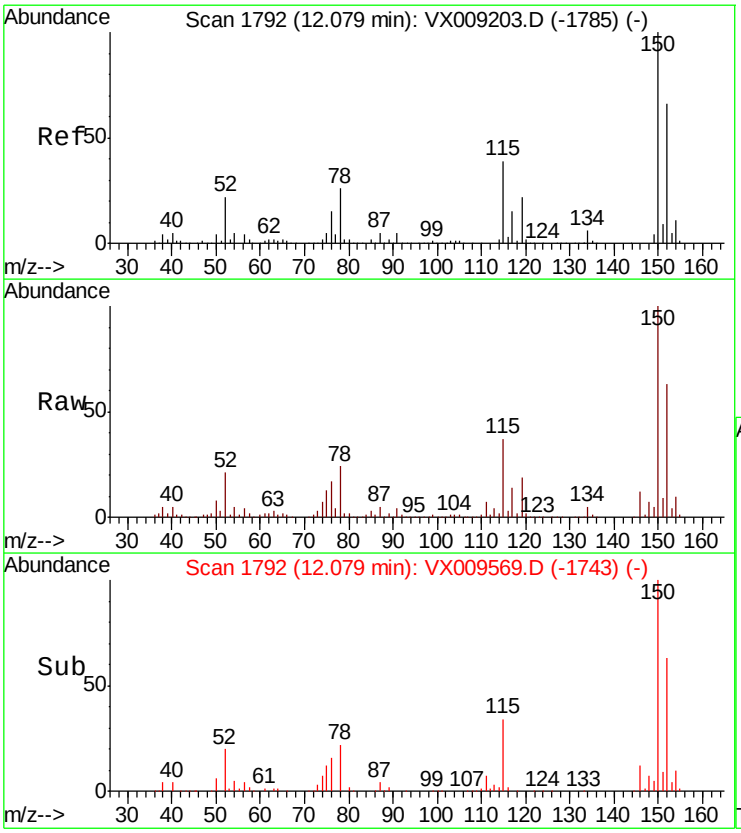

#71
Bromoform
Concen: 49.946 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion:173 Resp: 67403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.1 | 24.5 | 73.5 |
| 254 | 0.1 | 0.1 | 0.1# |

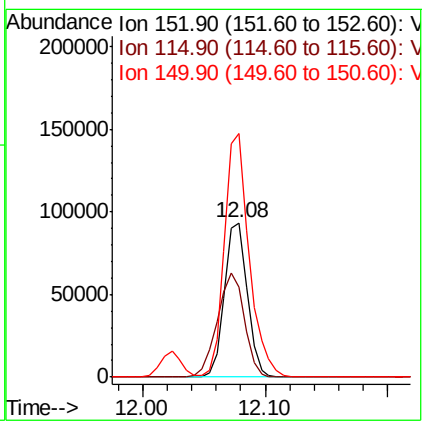


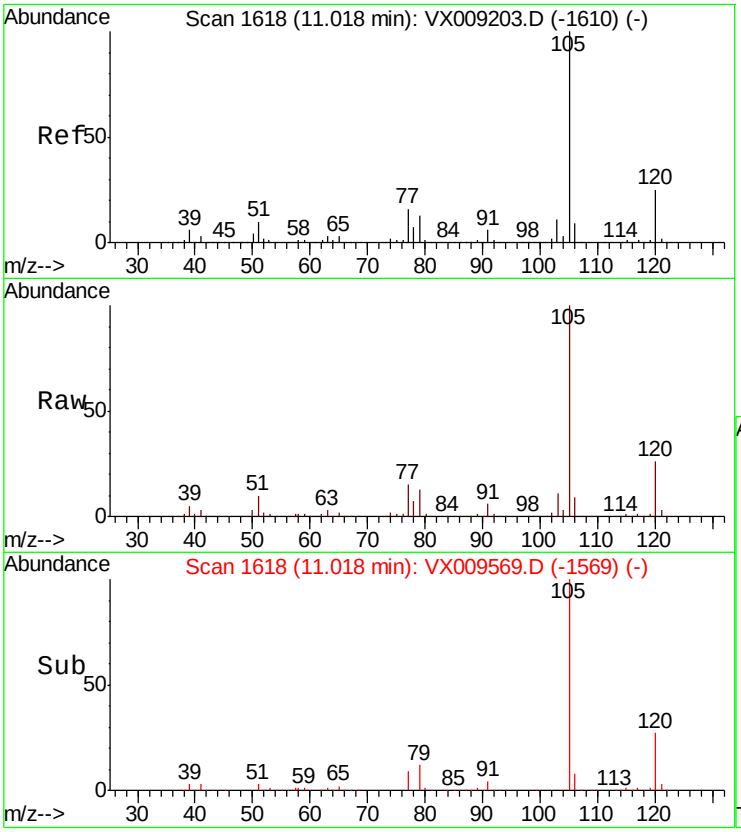




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion:152 Resp: 119377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 81.0 | 41.2 | 123.6 |
| 150 | 171.9 | 0.0 | 346.4 |



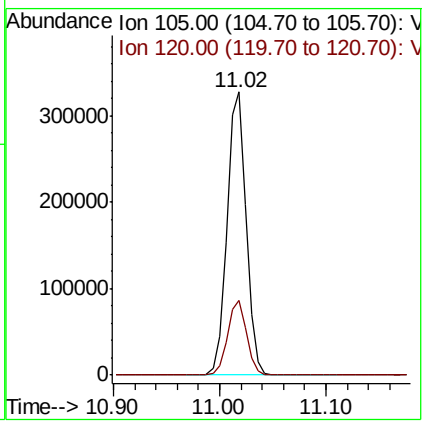


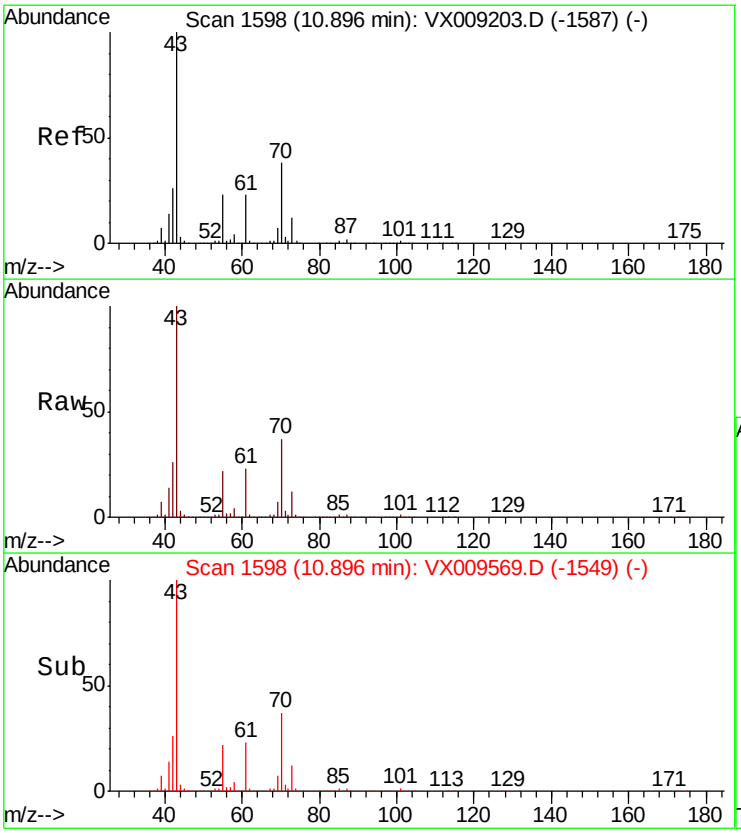

#73
Isopropylbenzene
Concen: 47.411 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion:105 Resp: 411575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.9 | 12.8 | 38.3 |

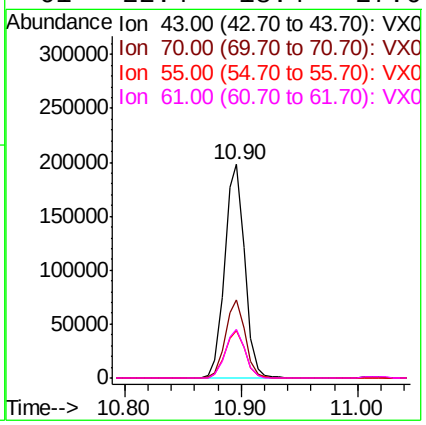


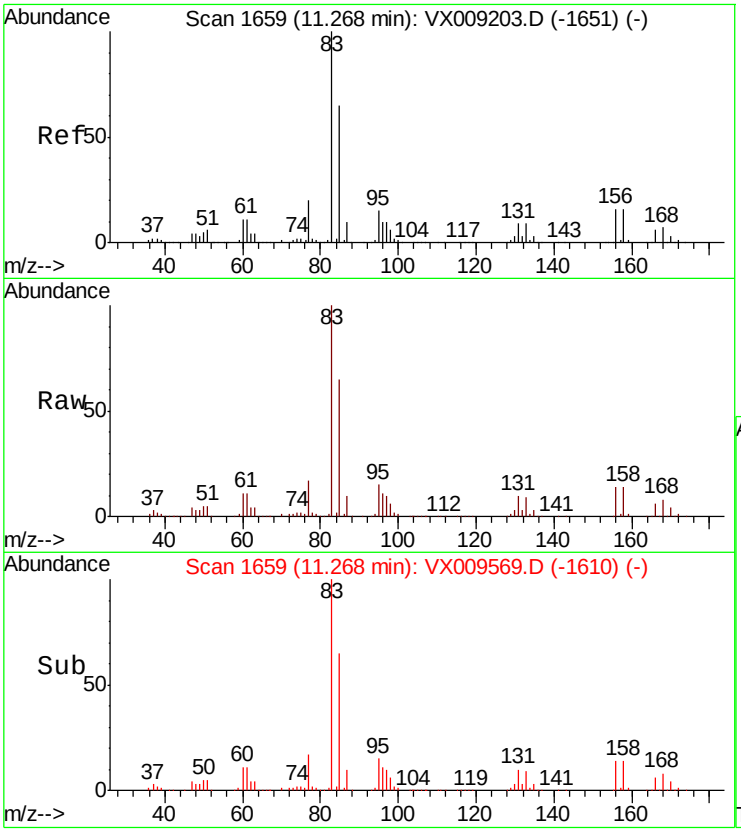




#74
N-amyl acetate
Concen: 46.239 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 43 Resp: 234018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 36.1 | 30.0 | 45.0 |
| 55 | 22.6 | 17.9 | 26.9 |
| 61 | 22.4 | 18.4 | 27.6 |



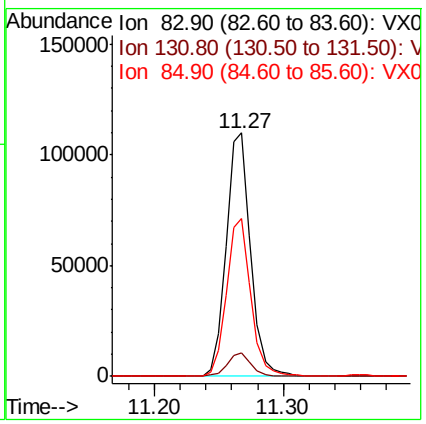


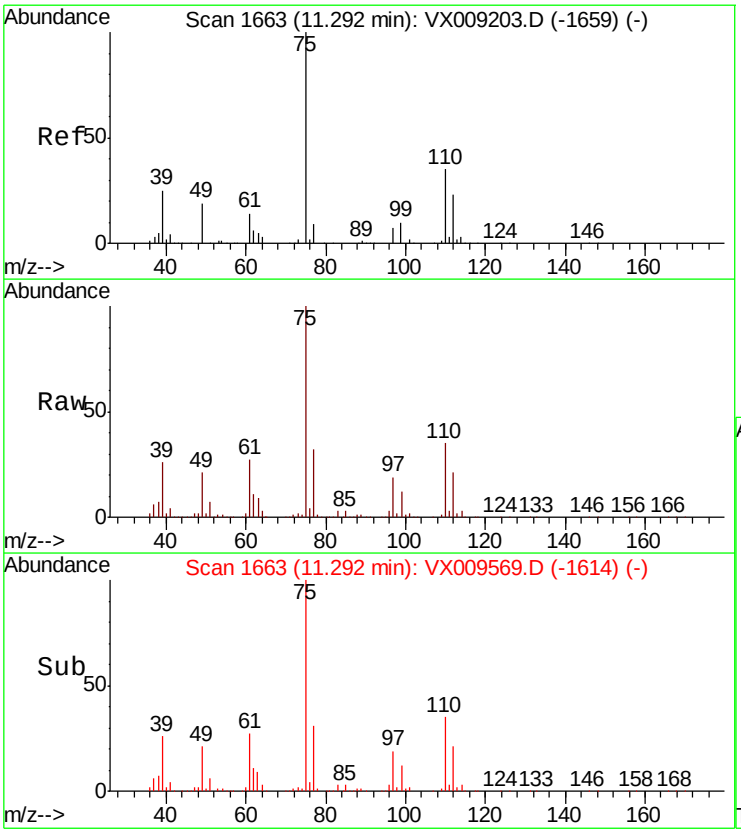

#75
1,1,2,2-Tetrachloroethane
Concen: 44.939 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 83 Resp: 145429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.3 | 4.6 | 13.8 |
| 85 | 64.8 | 32.0 | 96.2 |

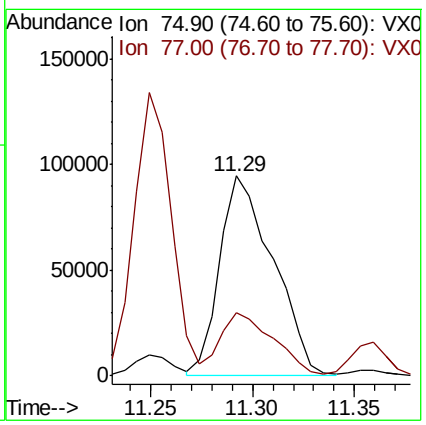


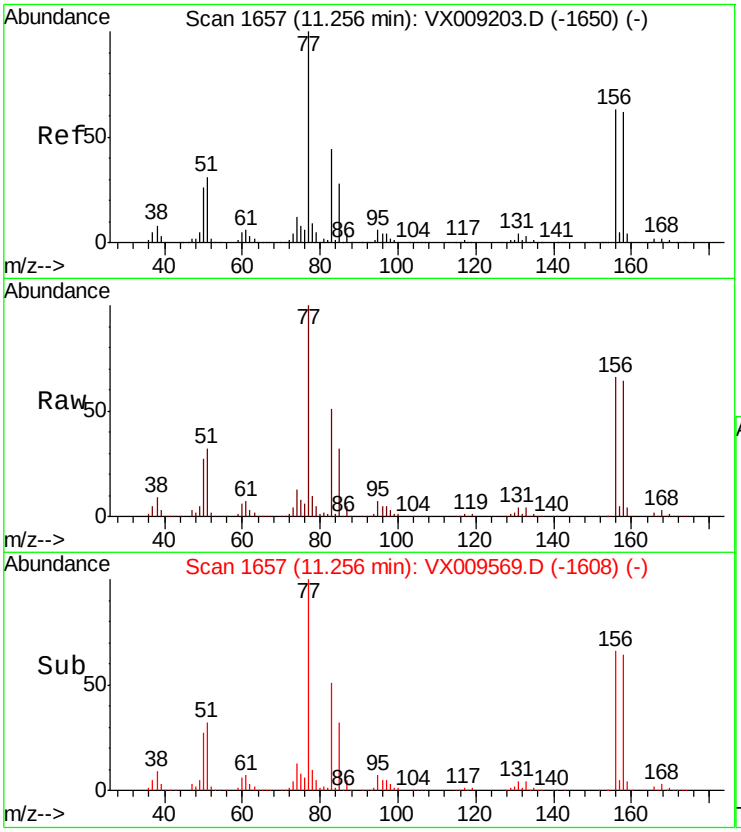




#76
1,2,3-Trichloropropane
Concen: 62.165 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 75 Resp: 172141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 22.1 | 66.1 |



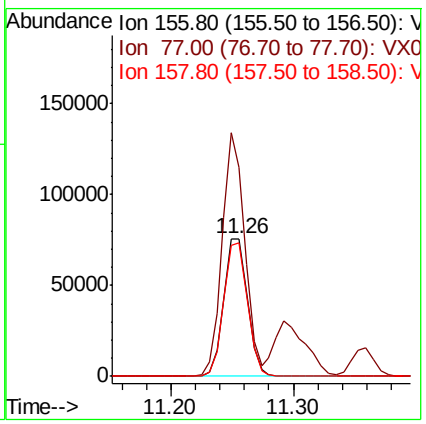


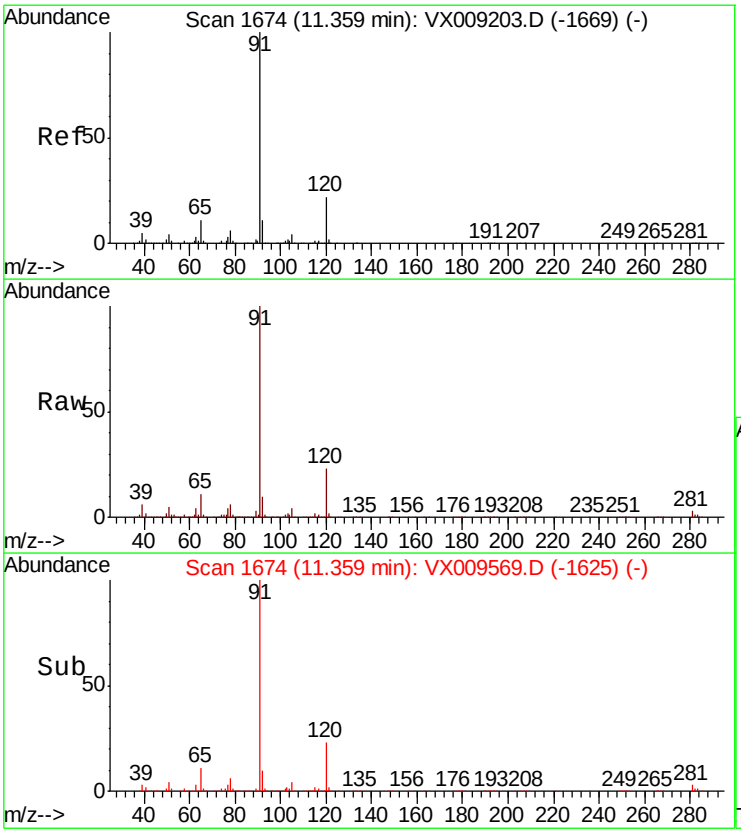

#77
Bromobenzene
Concen: 46.962 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion:156 Resp: 101186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 168.7 | 84.8 | 254.3 |
| 158 | 96.8 | 49.1 | 147.3 |

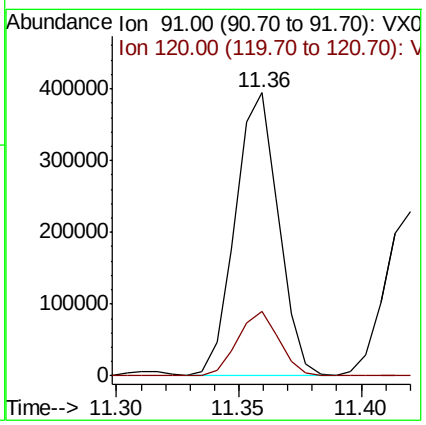


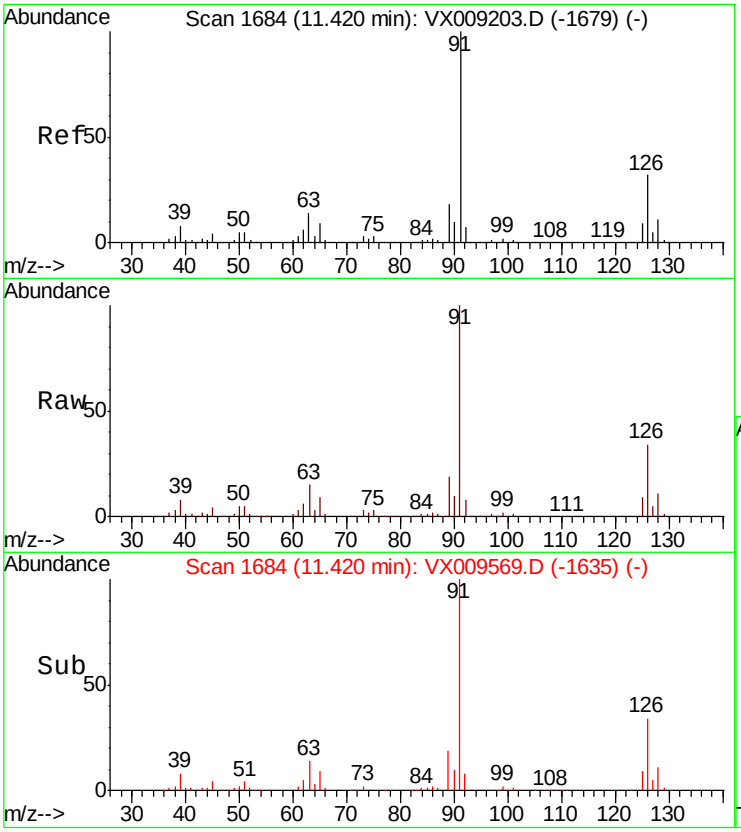




#78
n-propylbenzene
Concen: 48.644 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 91 Resp: 482258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.1 | 11.0 | 33.0 |



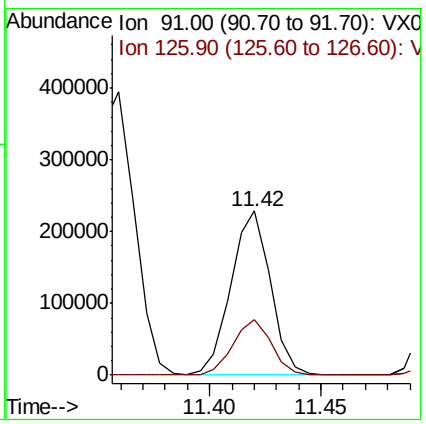


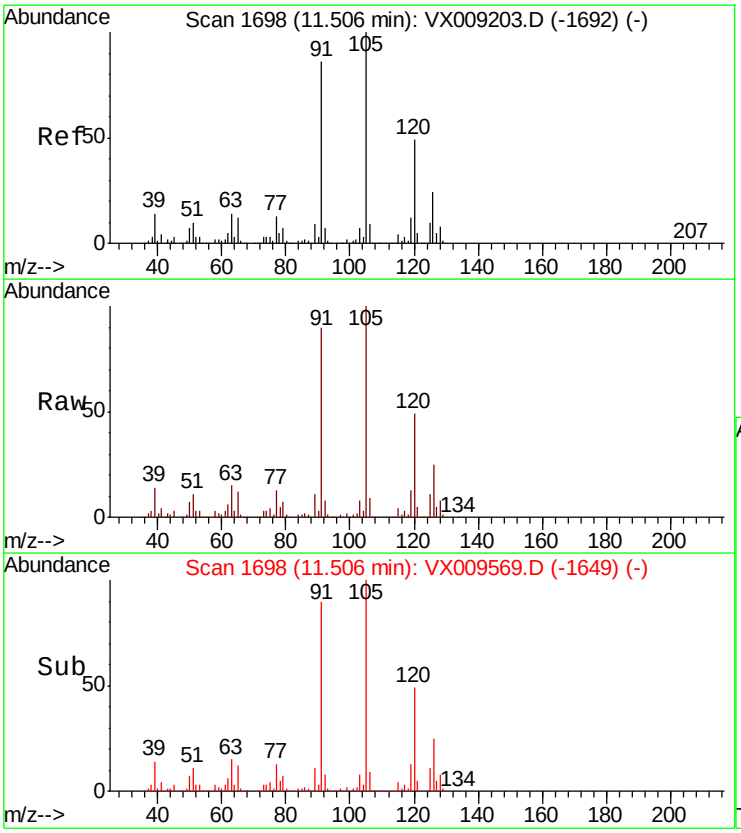

#79
2-Chlorotoluene
Concen: 46.118 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 91 Resp: 282078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.2 | 16.3 | 48.9 |

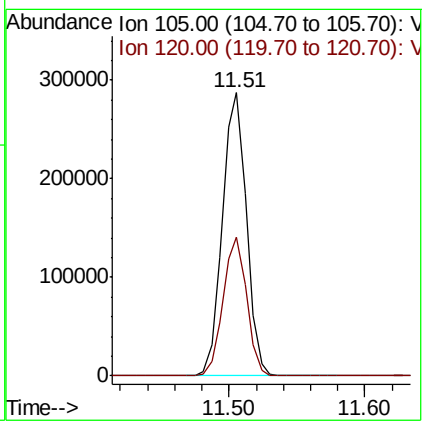


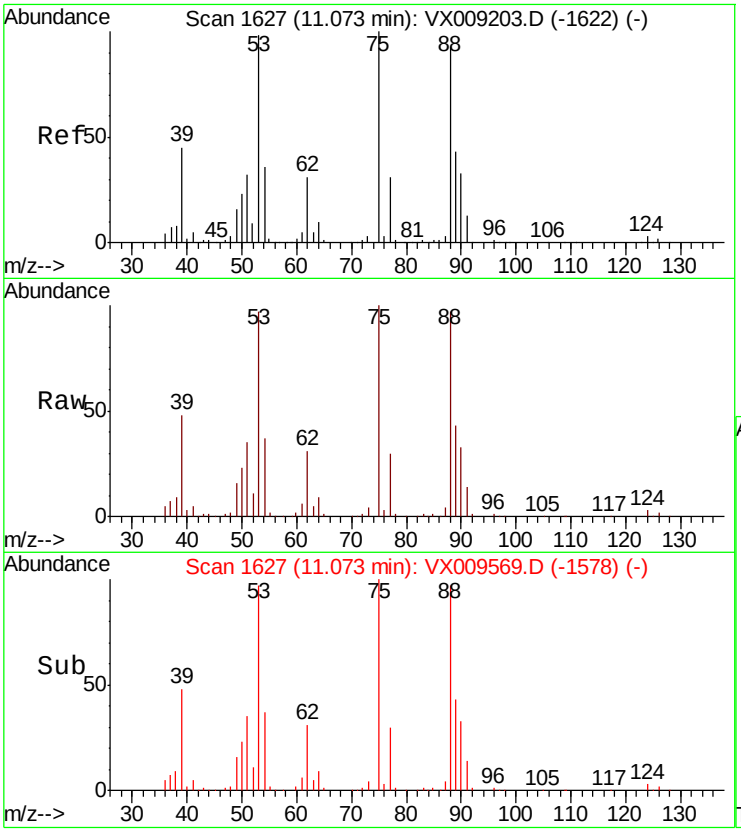




#80
1,3,5-Trimethylbenzene
Concen: 47.899 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion:105 Resp: 350111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.3 | 24.3 | 72.9 |



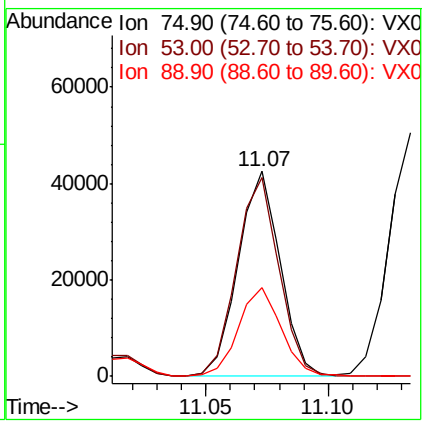


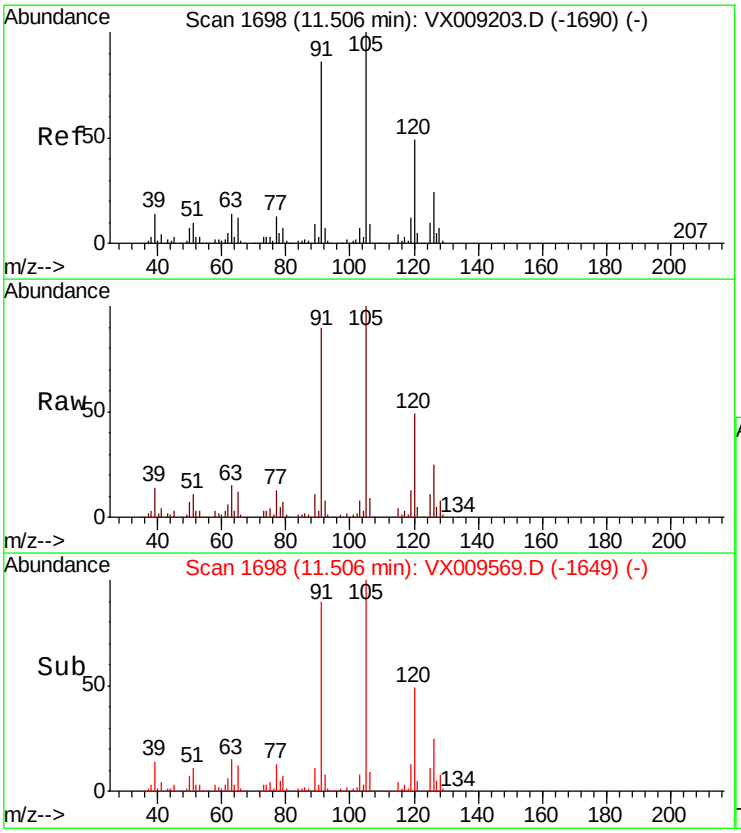

#81
trans-1,4-Dichloro-2-butene
Concen: 46.838 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 75 Resp: 50691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 97.8 | 79.0 | 118.6 |
| 89 | 44.2 | 34.7 | 52.1 |

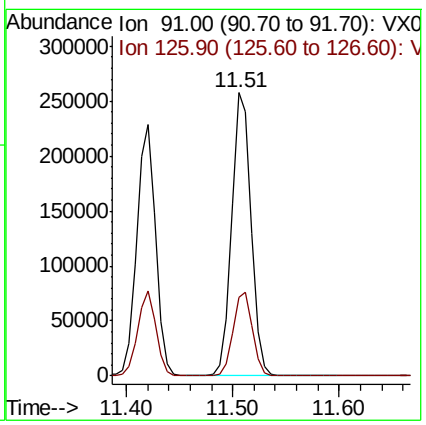


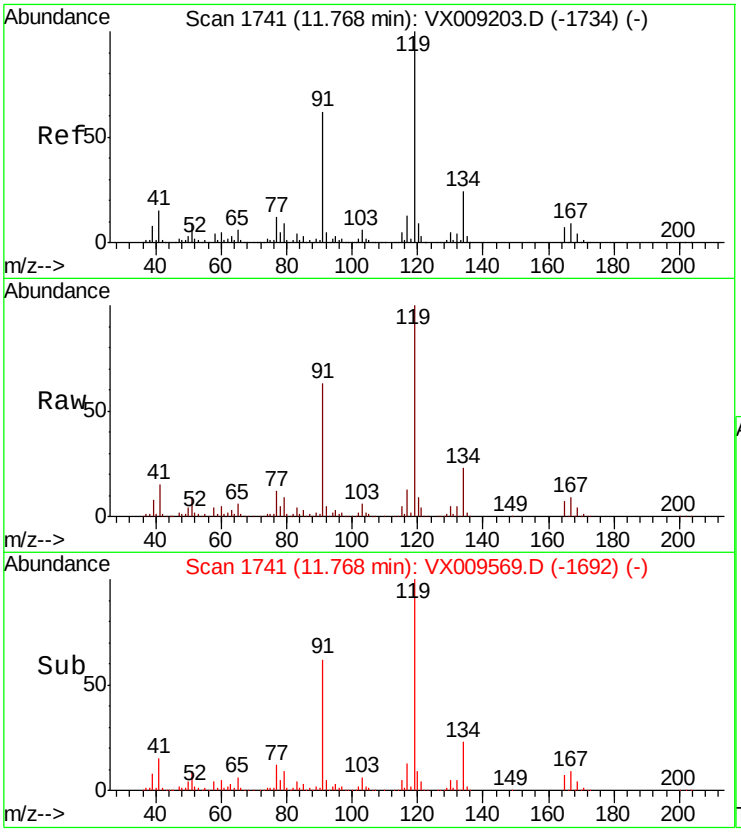




#82
4-Chlorotoluene
Concen: 47.654 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 91 Resp: 329287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.4 | 14.5 | 43.6 |



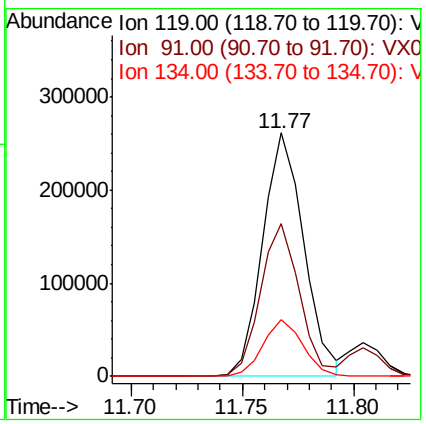


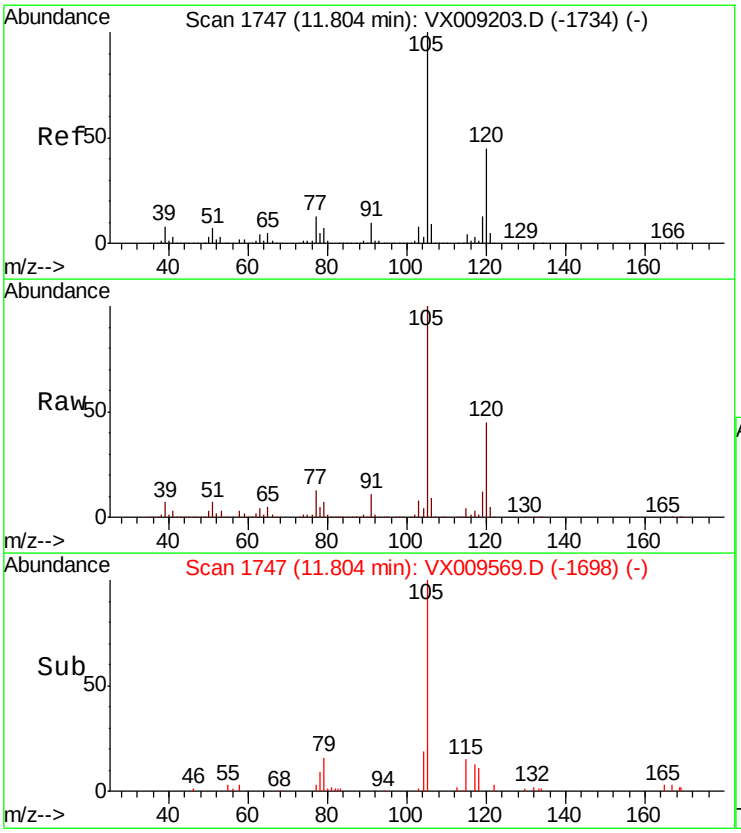

#83
tert-Butylbenzene
Concen: 47.322 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion:119 Resp: 336482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 59.5 | 29.5 | 88.5 |
| 134 | 22.4 | 11.4 | 34.1 |

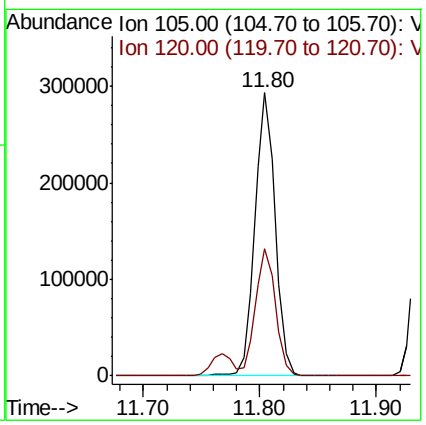


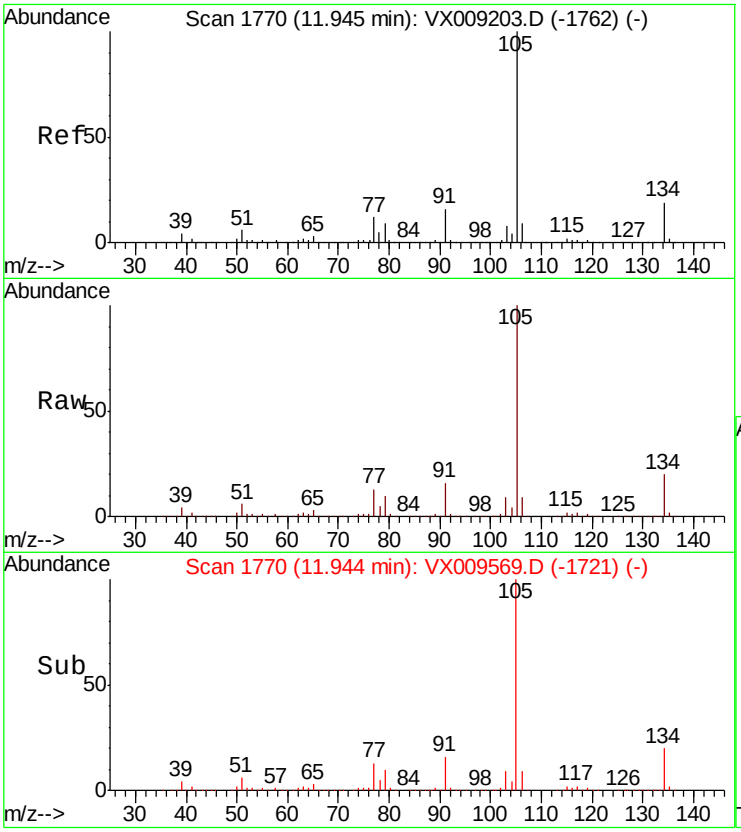




#84
1,2,4-Trimethylbenzene
Concen: 48.227 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion:105 Resp: 353832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.1 | 22.0 | 66.0 |



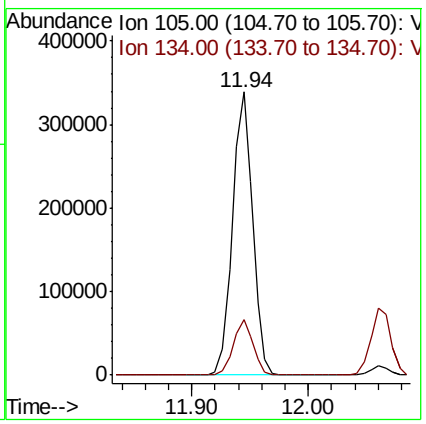


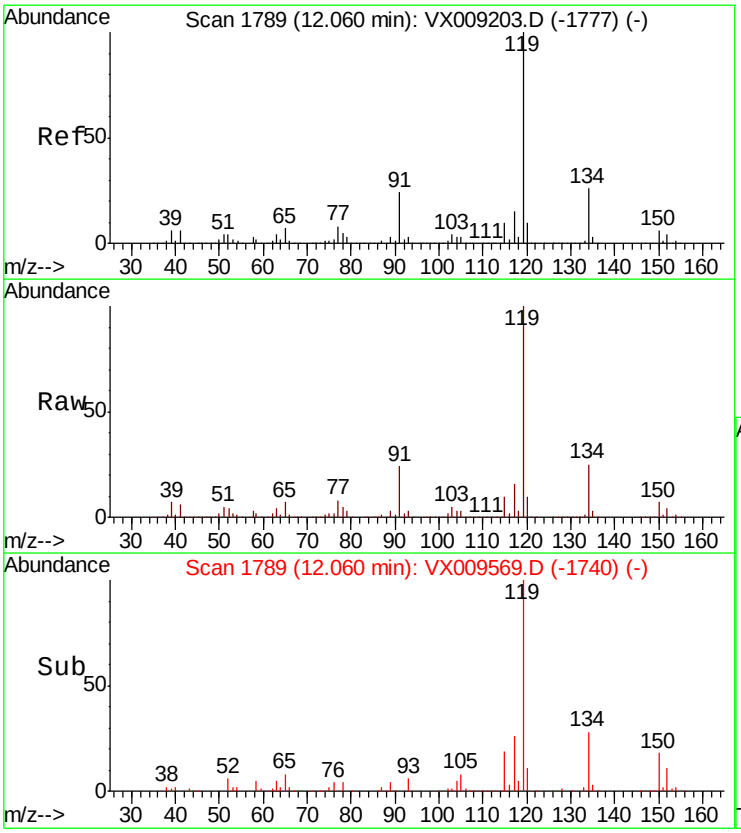

#85
sec-Butylbenzene
Concen: 48.521 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion:105 Resp: 409039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.2 | 9.7 | 28.9 |

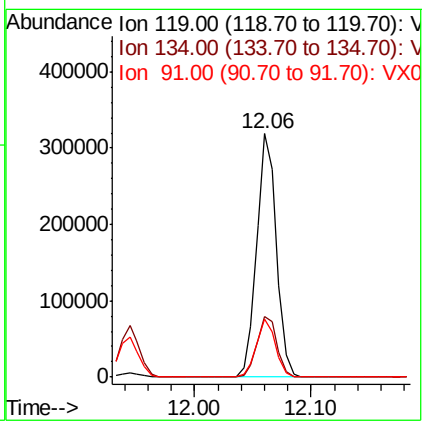


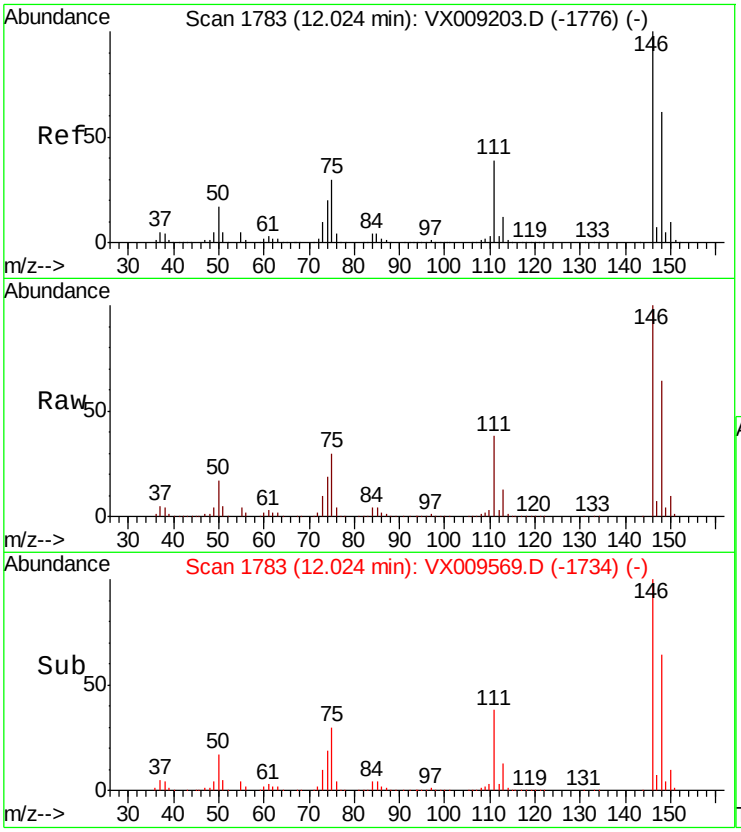




#86
p-Isopropyltoluene
Concen: 49.479 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion:119 Resp: 374980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.5 | 12.9 | 38.7 |
| 91 | 23.5 | 11.8 | 35.4 |



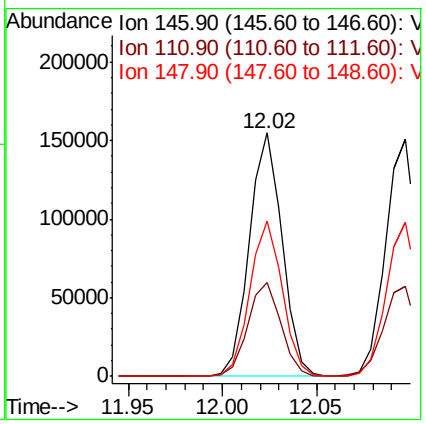


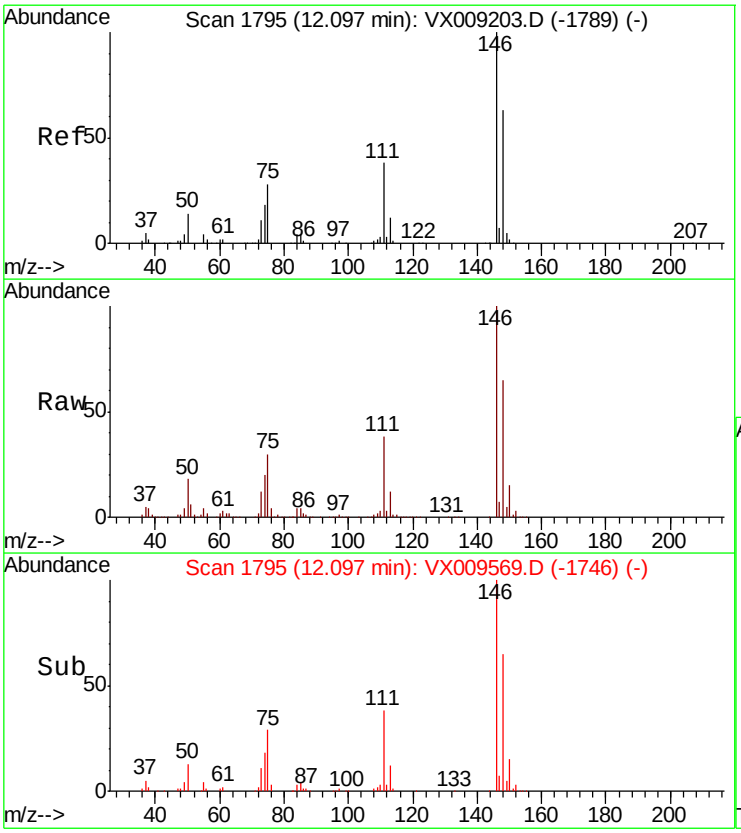

#87
1,3-Dichlorobenzene
Concen: 48.614 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion:146 Resp: 186728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.0 | 20.0 | 59.9 |
| 148 | 63.5 | 31.8 | 95.3 |

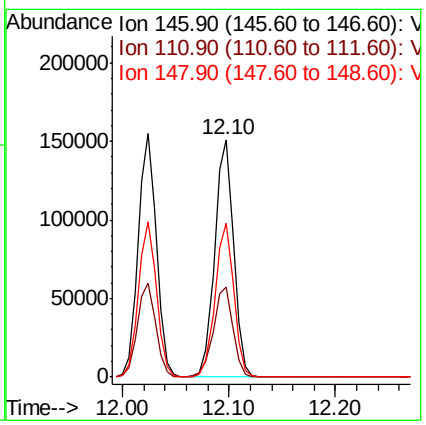


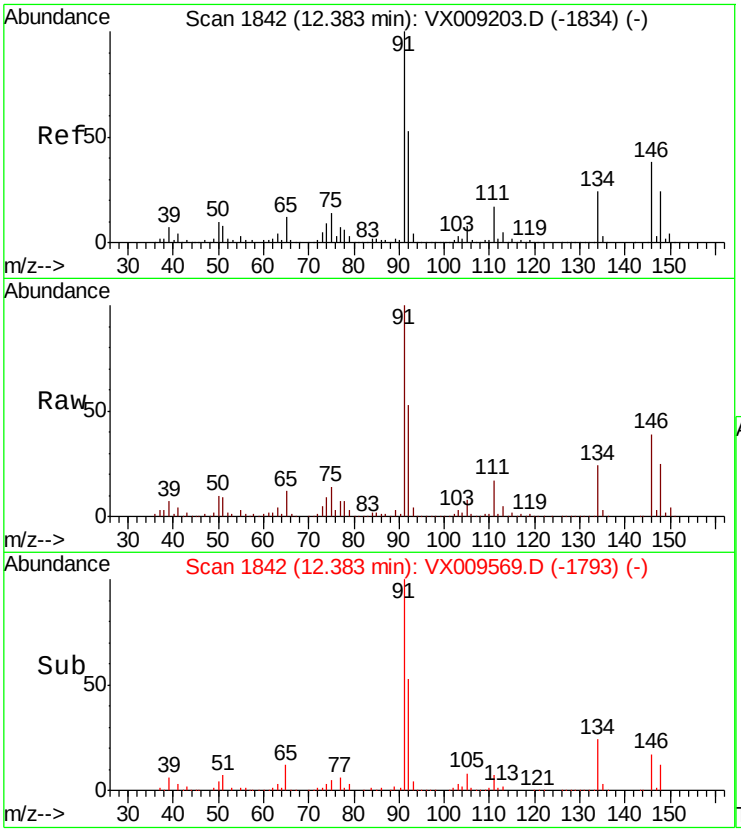




#88
1,4-Dichlorobenzene
Concen: 47.999 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion:146 Resp: 185876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.2 | 19.6 | 58.8 |
| 148 | 64.0 | 31.8 | 95.3 |



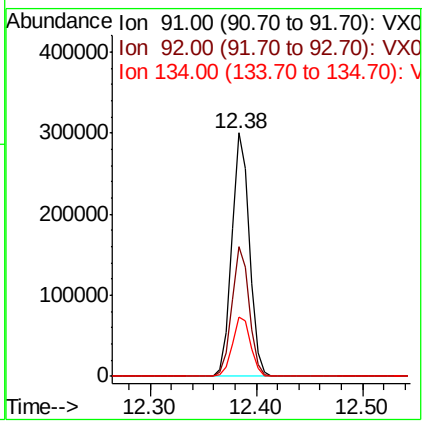


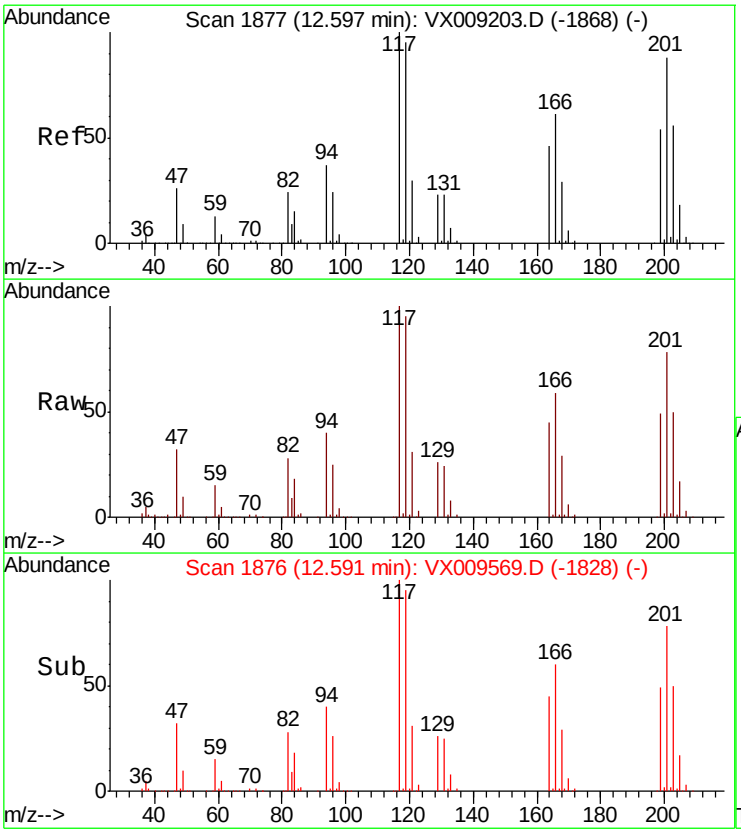

#89
n-Butylbenzene
Concen: 50.873 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion: 91 Resp: 348467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.4 | 26.5 | 79.5 |
| 134 | 25.1 | 12.4 | 37.2 |

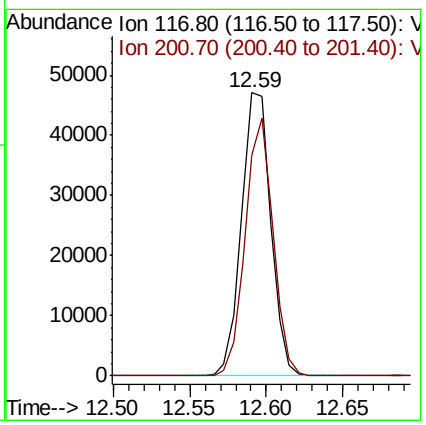


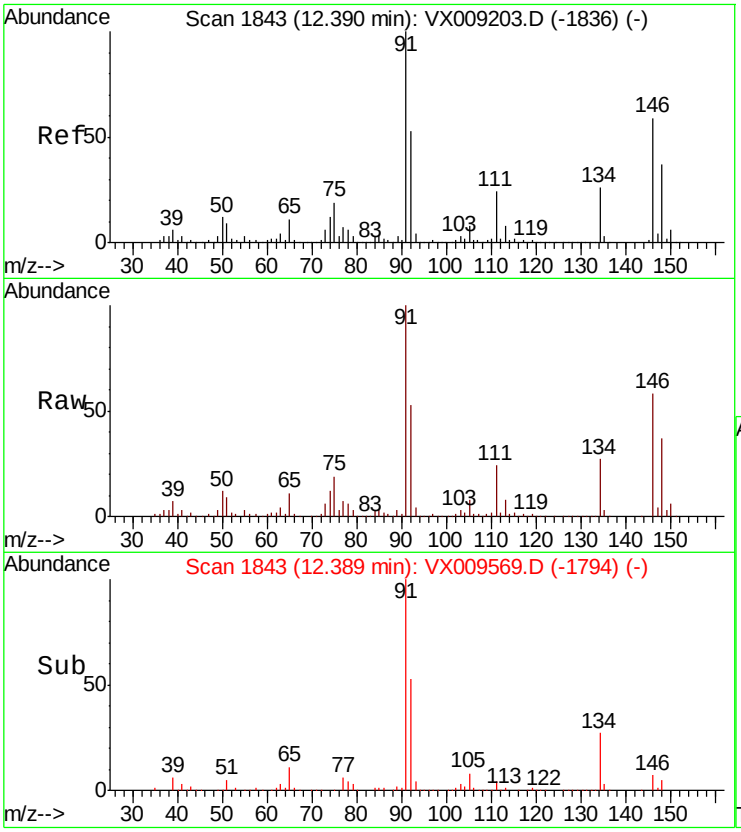




#90
Hexachloroethane
Concen: 48.589 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion:117 Resp: 62735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 86.2 | 42.3 | 126.9 |



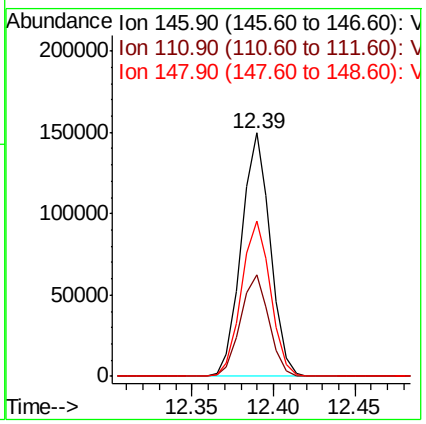


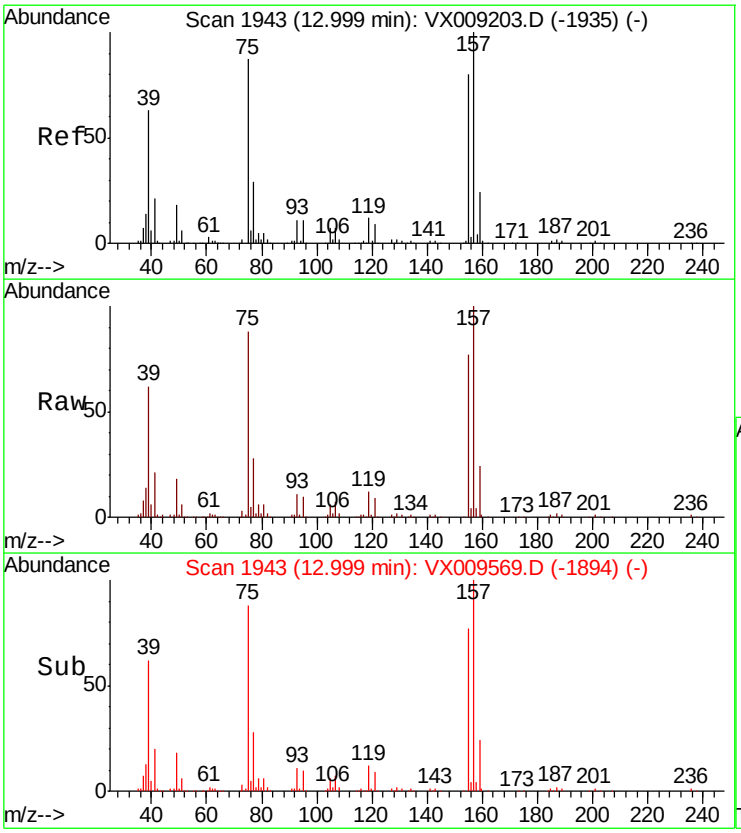

#91
1,2-Dichlorobenzene
Concen: 47.207 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion:146 Resp: 184686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.1 | 20.8 | 62.4 |
| 148 | 64.3 | 31.9 | 95.9 |

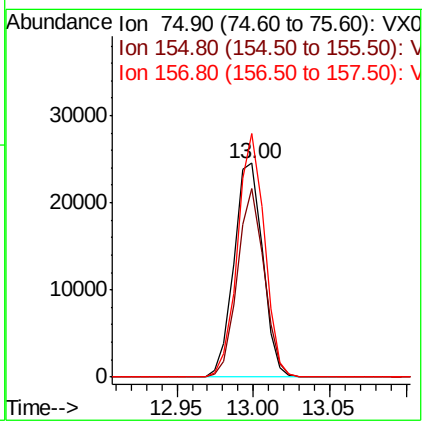


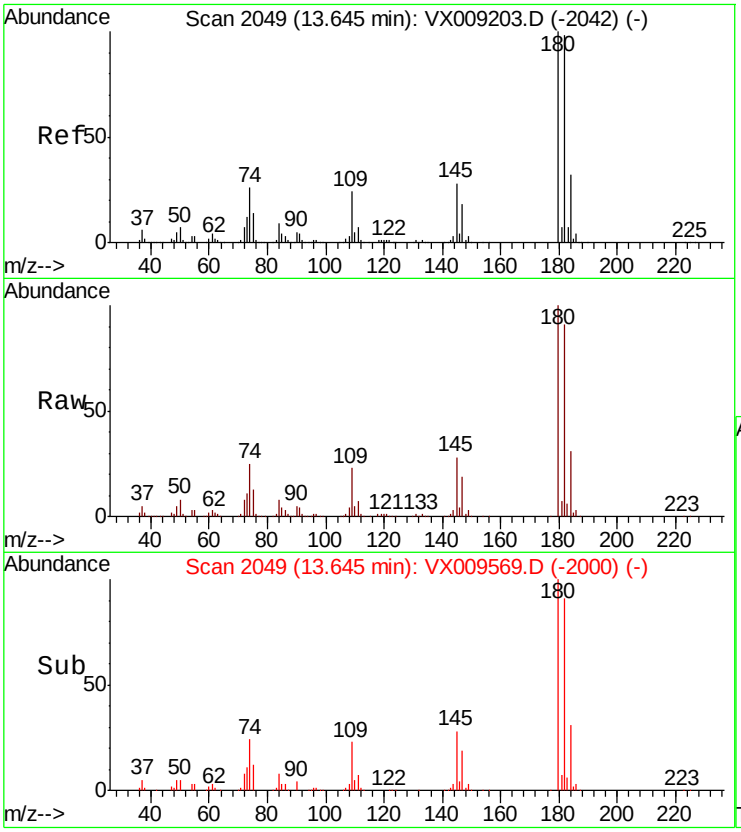




#92
1,2-Dibromo-3-Chloropropane
Concen: 44.224 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion: 75 Resp: 32105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 81.6 | 42.0 | 126.0 |
| 157 | 105.9 | 53.2 | 159.6 |



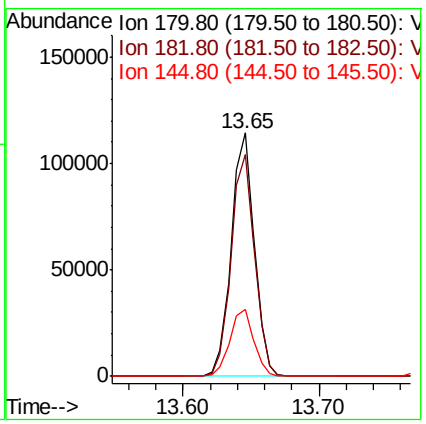


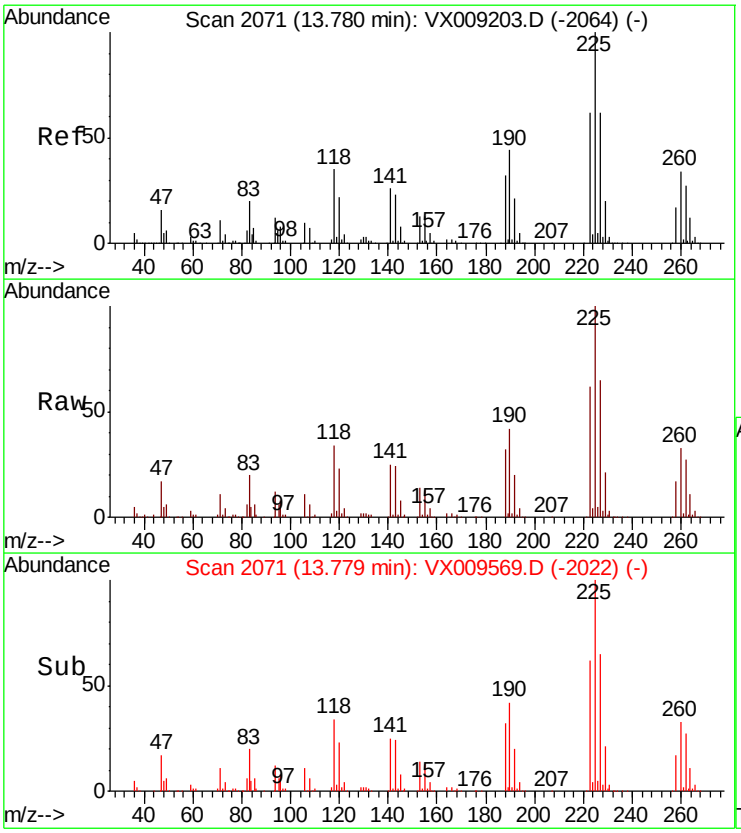

#93
1,2,4-Trichlorobenzene
Concen: 50.406 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion:180 Resp: 134854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 92.7 | 48.4 | 145.2 |
| 145 | 28.5 | 14.6 | 43.8 |

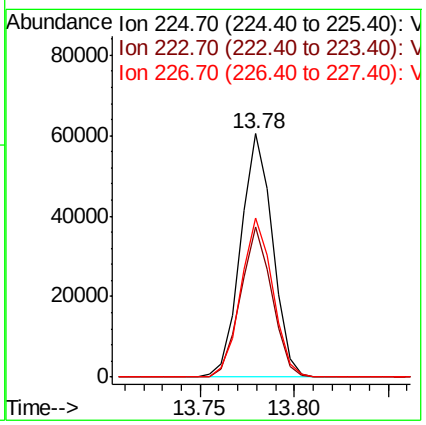


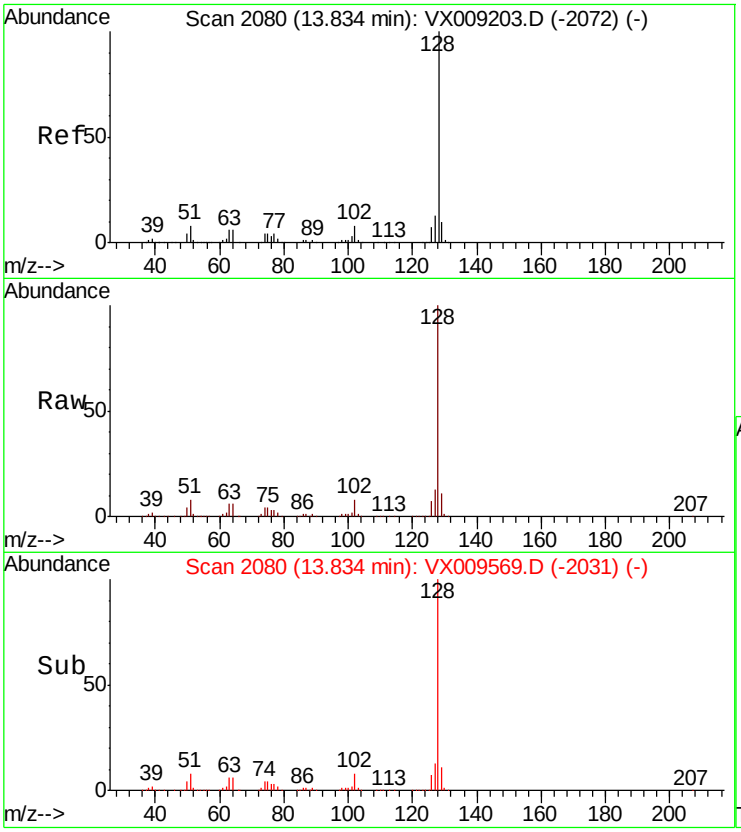




#94
Hexachlorobutadiene
Concen: 51.971 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion:225 Resp: 71002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 60.5 | 31.3 | 93.8 |
| 227 | 65.0 | 31.8 | 95.3 |



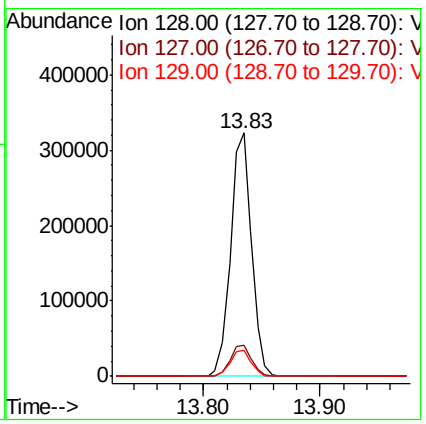


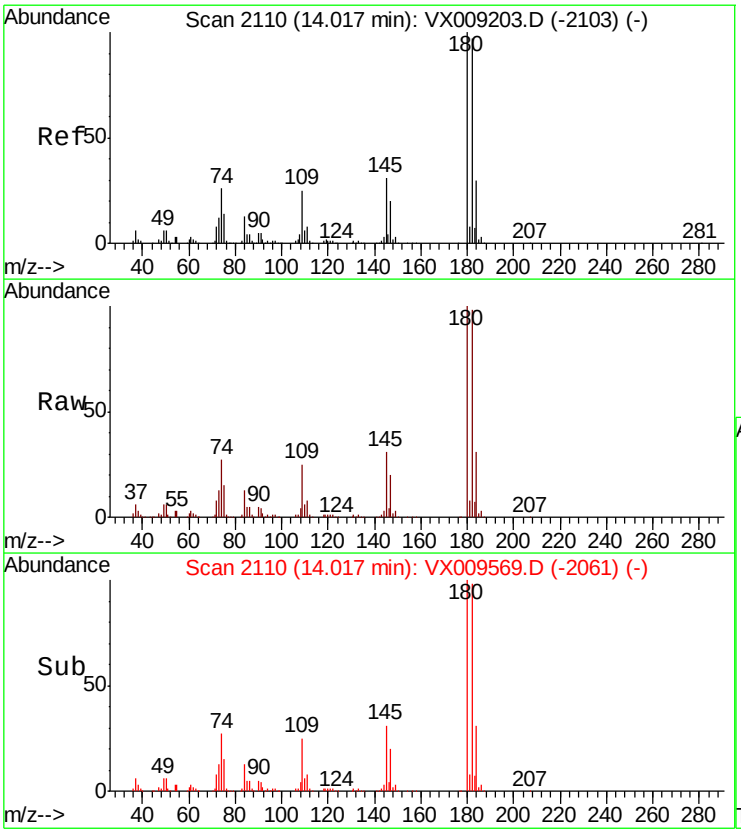

#95
Naphthalene
Concen: 46.296 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

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

Tgt Ion:128 Resp: 402965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.2 | 10.4 | 15.6 |
| 129 | 10.9 | 8.6 | 13.0 |




#96
1,2,3-Trichlorobenzene
Concen: 48.581 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009569.D
Acq: 15 May 2019 10:30

Tgt Ion:180 Resp: 131747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.9 | 47.8 | 143.4 |
| 145 | 30.6 | 15.4 | 46.4 |