Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX043020\
Data File : VX015989.D
Acq On : 30 Apr 2020 11:17
Operator : JC/SP
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Apr 30 12:31:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X043020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 30 12:23:54 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 4.98 | 128 | 49114 | 30.00 | ug/l | | 0.00 |
| 28) 1,4-Difluorobenzene | 6.84 | 114 | 274876 | 30.00 | ug/l | | 0.00 |
| 57) Chlorobenzene-d5 | 10.10 | 117 | 258216 | 30.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 27) 1,2-Dichloroethane-d4 | 6.03 | 65 | 113325 | 29.60 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 50 - 169 | | Recovery = 98.67% | | | | |
| 60) 4-Bromofluorobenzene | 11.12 | 95 | 129097 | 29.53 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 56 - 143 | | Recovery = 98.43% | | | | |
| 63) Toluene-d8 | 8.70 | 98 | 326571 | 29.73 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 66 - 137 | | Recovery = 99.10% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.18 | 85 | 186449 | 64.314 | ug/l | | 98 |
| 3) Chloromethane | 1.31 | 50 | 175676 | 55.480 | ug/l | | 99 |
| 4) Vinyl Chloride | 1.39 | 62 | 194255 | 60.151 | ug/l | | 99 |
| 5) Bromomethane | 1.62 | 94 | 127013 | 69.917 | ug/l | | 100 |
| 6) Chloroethane | 1.71 | 64 | 126871 | 61.937 | ug/l | | 98 |
| 7) Trichlorofluoromethane | 1.92 | 101 | 280341 | 61.002 | ug/l | | 100 |
| 8) Diethyl Ether | 2.17 | 74 | 107276 | 60.484 | ug/l | | 98 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 141394 | 52.455 | ug/l | | 99 |
| 10) 1,1-Dichloroethene | 2.36 | 96 | 140247 | 51.361 | ug/l | | 96 |
| 11) Methyl Iodide | 2.49 | 142 | 199276 | 54.956 | ug/l | | 99 |
| 12) Methyl Acetate | 2.75 | 43 | 255002 | 58.548 | ug/l | | 99 |
| 13) Acrolein | 2.27 | 56 | 103866 | 227.150 | ug/l | | 99 |
| 14) Acrylonitrile | 3.12 | 53 | 457945 | 266.742 | ug/l | | 99 |
| 15) Acetone | 2.42 | 58 | 121395 | 274.956 | ug/l | | 97 |
| 16) Carbon Disulfide | 2.55 | 76 | 431174 | 53.241 | ug/l | | 99 |
| 17) Allyl chloride | 2.71 | 41 | 267266 | 46.584 | ug/l | | 98 |
| 18) Methylene Chloride | 2.84 | 84 | 159171 | 52.090 | ug/l | | 98 |
| 19) trans-1,2-Dichloroethene | 3.14 | 96 | 154575 | 52.246 | ug/l | | 96 |
| 20) Diisopropyl ether | 3.82 | 45 | 506759 | 48.423 | ug/l | | 93 |
| 21) 1,1-Dichloroethane | 3.67 | 63 | 284015 | 51.169 | ug/l | | 100 |
| 22) cis-1,2-Dichloroethene | 4.56 | 96 | 176140 | 52.064 | ug/l | | 98 |
| 23) tert-Butyl Alcohol | 3.01 | 59 | 224618 | 267.055 | ug/l | # | 100 |
| 24) Methyl tert-Butyl Ether | 3.17 | 73 | 511089 | 51.339 | ug/l | | 99 |
| 25) Chloroform | 5.18 | 83 | 288256 | 51.917 | ug/l | | 96 |
| 26) Cyclohexane | 5.55 | 56 | 262902 | 50.058 | ug/l | # | 99 |
| 29) 1,1-Dichloropropene | 5.77 | 75 | 220306 | 52.558 | ug/l | | 98 |
| 30) 2-Butanone | 4.64 | 43 | 655572 | 262.569 | ug/l | | 99 |
| 31) 2,2-Dichloropropane | 4.56 | 77 | 262854 | 52.147 | ug/l | | 99 |
| 32) 1,1,1-Trichloroethane | 5.46 | 97 | 265296 | 52.092 | ug/l | | 99 |
| 33) Carbon Tetrachloride | 5.76 | 117 | 239477 | 51.890 | ug/l | | 99 |
| 34) Benzene | 6.12 | 78 | 643128 | 53.022 | ug/l | | 98 |
| 35) Methacrylonitrile | 5.01 | 41 | 137506 | 49.735 | ug/l | | 97 |
| 36) 1,2-Dichloroethane | 6.17 | 62 | 243178 | 52.478 | ug/l | | 99 |
| 37) Trichloroethene | 7.19 | 130 | 226928 | 59.340 | ug/l | | 98 |
| 38) Methylcyclohexane | 7.44 | 83 | 267751 | 52.330 | ug/l | | 99 |
| 39) 1,2-Dichloropropane | 7.49 | 63 | 164091 | 51.296 | ug/l | | 97 |
| 40) Dibromomethane | 7.64 | 93 | 113178 | 52.123 | ug/l | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX043020\
Data File : VX015989.D
Acq On : 30 Apr 2020 11:17
Operator : JC/SP
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Apr 30 12:31:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X043020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 30 12:23:54 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 41) Bromodichloromethane | 7.88 | 83 | 235373 | 51.192 ug/l | 98 |
| 42) Vinyl Acetate | 3.79 | 43 | 2160476 | 244.279 ug/l | 100 |
| 43) Ethyl Acetate | 4.79 | 43 | 253437 | 47.109 ug/l | 99 |
| 44) Isopropyl Acetate | 6.42 | 43 | 419253 | 49.659 ug/l | 100 |
| 45) 1,4-Dioxane | 7.71 | 88 | 88596 | 1087.366 ug/l | 98 |
| 46) Methyl methacrylate | 7.75 | 41 | 200041 | 48.437 ug/l | 97 |
| 47) n-amyl Acetate | 10.88 | 43 | 369081 | 50.303 ug/l | 100 |
| 48) t-1,3-Dichloropropene | 9.02 | 75 | 275431 | 51.812 ug/l | 98 |
| 49) cis-1,3-Dichloropropene | 8.42 | 75 | 282108 | 51.345 ug/l | 99 |
| 50) 1,1,2-Trichloroethane | 9.20 | 97 | 158822 | 51.612 ug/l | 99 |
| 51) Ethyl methacrylate | 9.16 | 69 | 266270 | 51.239 ug/l | 98 |
| 52) 1,3-Dichloropropane | 9.35 | 76 | 277420 | 52.134 ug/l | 100 |
| 53) Dibromochloromethane | 9.57 | 129 | 185605 | 50.336 ug/l | 100 |
| 54) 1,2-Dibromoethane | 9.65 | 107 | 177481 | 53.203 ug/l | 99 |
| 55) 2-Chloroethyl vinyl ether | 8.29 | 63 | 686708 | 270.389 ug/l | 100 |
| 56) Bromoform | 10.84 | 173 | 139222 | 47.480 ug/l | 97 |
| 58) 4-Methyl-2-Pentanone | 8.62 | 43 | 1283644 | 261.347 ug/l | 100 |
| 59) 2-Hexanone | 9.48 | 43 | 992586 | 263.823 ug/l | 100 |
| 61) Tetrachloroethene | 9.32 | 164 | 256070 | 63.530 ug/l | 97 |
| 62) Toluene | 8.77 | 91 | 691563 | 52.327 ug/l | 100 |
| 64) Chlorobenzene | 10.12 | 112 | 440098 | 51.804 ug/l | 100 |
| 65) 1,1,1,2-Tetrachloroethane | 10.21 | 131 | 167951 | 49.673 ug/l | 99 |
| 66) Ethyl Benzene | 10.24 | 91 | 789467 | 52.496 ug/l | 100 |
| 67) m/p-Xylenes | 10.34 | 106 | 603606 | 105.447 ug/l | 99 |
| 68) o-Xylene | 10.68 | 106 | 290474 | 52.330 ug/l | 99 |
| 69) Styrene | 10.70 | 104 | 500363 | 52.145 ug/l | 100 |
| 70) Isopropylbenzene | 11.01 | 105 | 788712 | 53.215 ug/l | 100 |
| 71) 1,1,2,2-Tetrachloroethane | 11.26 | 83 | 147304 | 37.589 ug/l | 99 |
| 72) 1,2,3-Trichloropropane | 11.28 | 75 | 325743 | 72.245 ug/l | 82 |
| 73) Bromobenzene | 11.24 | 156 | 197932 | 50.651 ug/l | 99 |
| 74) n-propylbenzene | 11.35 | 91 | 920694 | 53.992 ug/l | 99 |
| 75) 2-Chlorotoluene | 11.40 | 91 | 534782 | 52.179 ug/l | 99 |
| 76) 1,3,5-Trimethylbenzene | 11.49 | 105 | 670683 | 53.069 ug/l | 98 |
| 77) t-1,4-Dichloro-2-butene | 11.06 | 75 | 101916 | 52.702 ug/l | 99 |
| 78) 4-Chlorotoluene | 11.49 | 91 | 631830 | 52.922 ug/l | 99 |
| 79) tert-butylbenzene | 11.76 | 119 | 575869 | 48.218 ug/l | 97 |
| 80) 1,2,4-Trimethylbenzene | 11.79 | 105 | 666531 | 52.362 ug/l | 100 |
| 81) sec-Butylbenzene | 11.93 | 105 | 776399 | 53.404 ug/l | 100 |
| 82) p-Isopropyltoluene | 12.05 | 119 | 720240 | 52.794 ug/l | 100 |
| 83) 1,3-Dichlorobenzene | 12.01 | 146 | 351156 | 50.022 ug/l | 100 |
| 84) 1,4-Dichlorobenzene | 12.08 | 146 | 354212 | 50.717 ug/l | 99 |
| 85) n-Butylbenzene | 12.37 | 91 | 652464 | 53.440 ug/l | 100 |
| 86) Hexachloroethane | 12.58 | 117 | 124150 | 48.874 ug/l | 97 |
| 87) 1,2-Dichlorobenzene | 12.38 | 146 | 343205 | 50.283 ug/l | 99 |
| 88) 1,2-Dibromo-3-Chloropropan | 12.98 | 75 | 60572 | 49.836 ug/l | 99 |
| 89) 1,2,4-Trichlorobenzene | 13.63 | 180 | 251143 | 46.859 ug/l | 99 |
| 90) Hexachlorobutadiene | 13.77 | 225 | 108553 | 40.279 ug/l | 95 |
| 91) Naphthalene | 13.82 | 128 | 808159 | 51.039 ug/l | 100 |
| 92) 1,2,3-Trichlorobenzene | 14.01 | 180 | 240899 | 45.992 ug/l | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX043020\
Data File : VX015989.D
Acq On : 30 Apr 2020 11:17
Operator : JC/SP
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Apr 30 12:31:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X043020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 30 12:23:54 2020
Response via : Initial Calibration

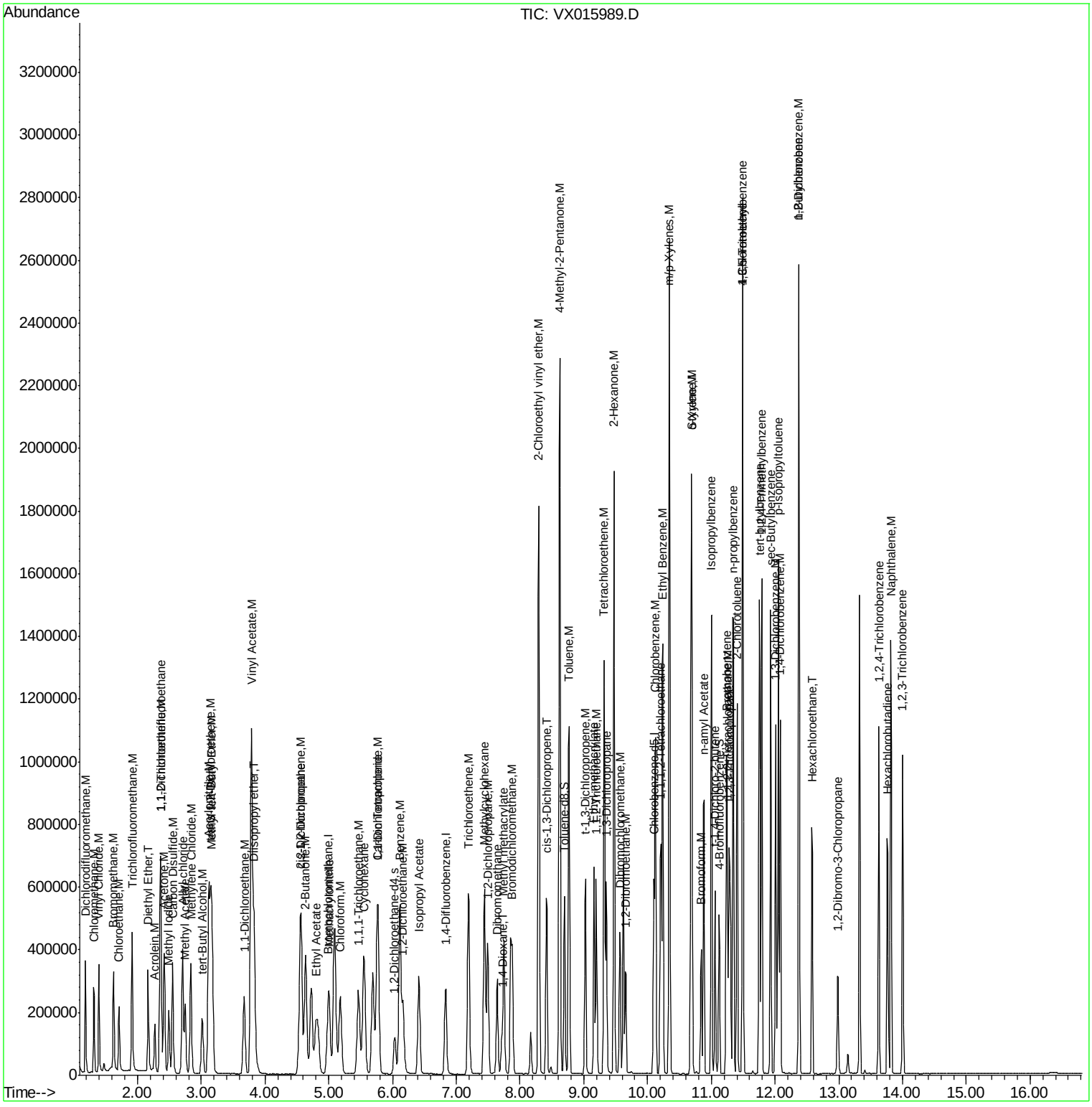
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

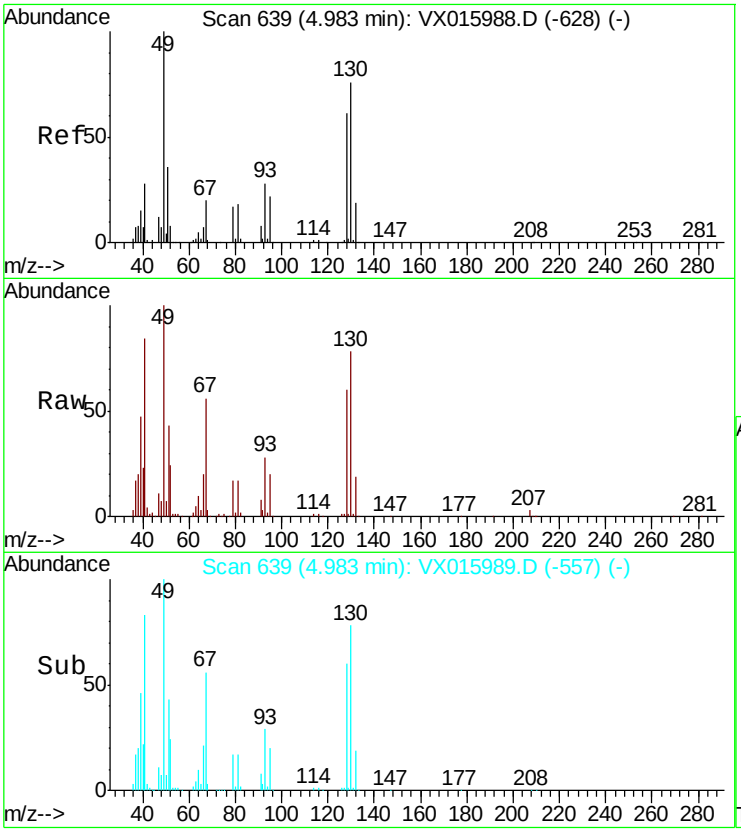
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX043020\
Data File : VX015989.D
Acq On : 30 Apr 2020 11:17
Operator : JC/SP
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Apr 30 12:31:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X043020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 30 12:23:54 2020
Response via : Initial Calibration



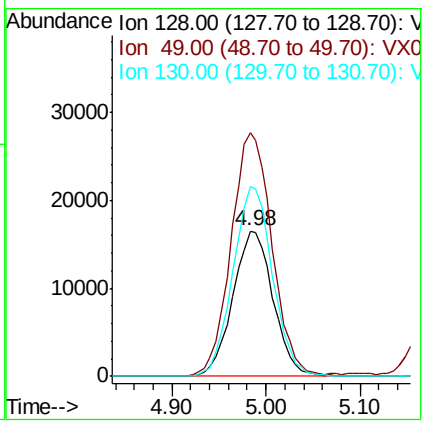


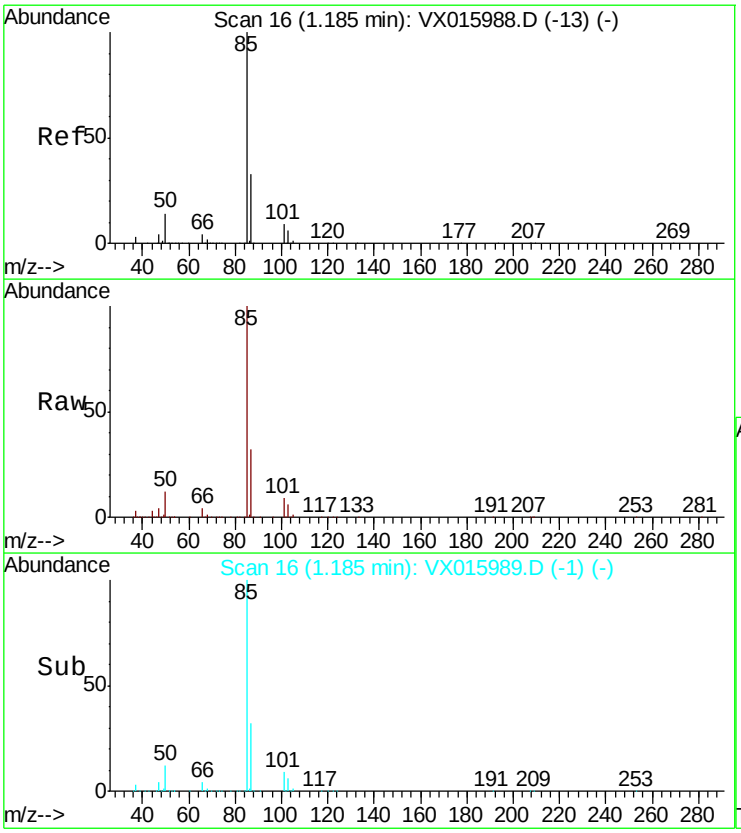

#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion:128 Resp: 49114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 170.4 | 0.0 | 418.5 |
| 130 | 129.6 | 0.0 | 326.3 |

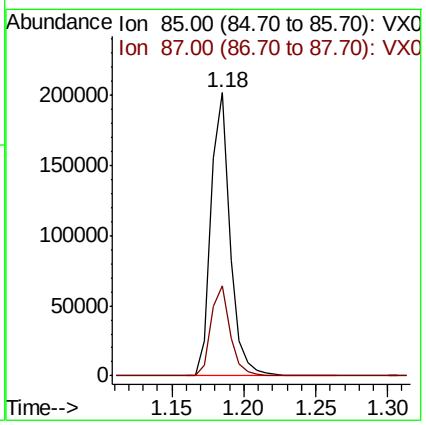


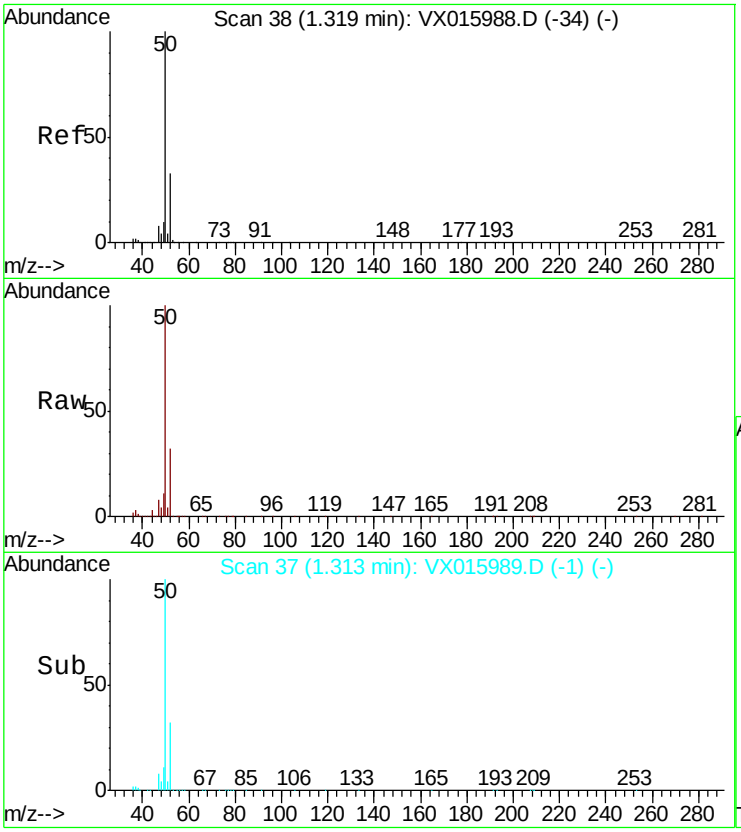




#2
Dichlorodifluoromethane
Concen: 64.314 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 85 Resp: 186449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.9 | 16.6 | 49.7 |



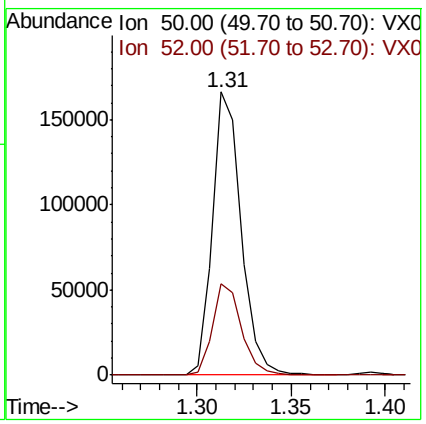


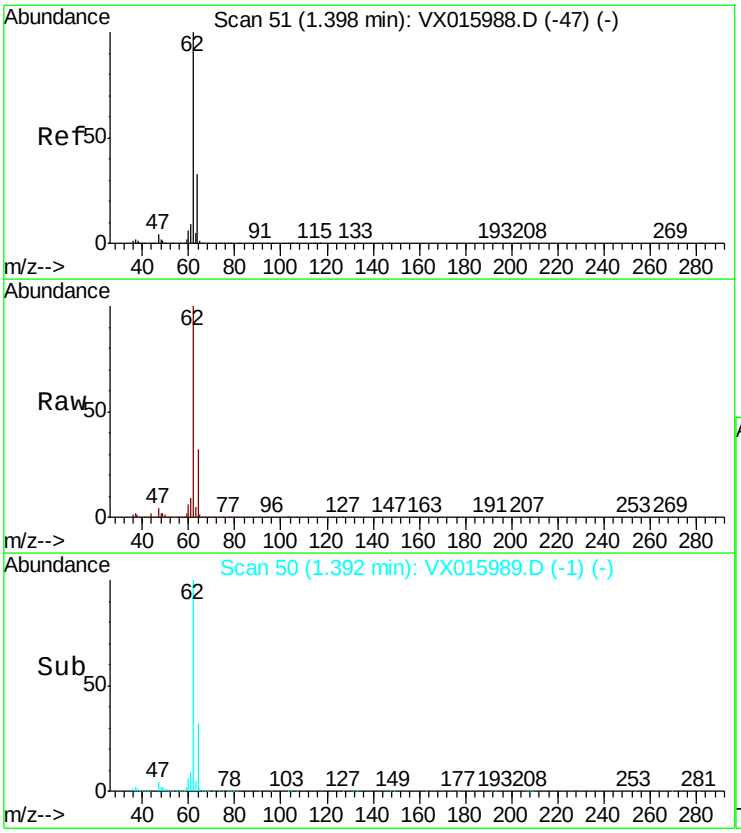

#3
Chloromethane
Concen: 55.480 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 50 Resp: 175676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.4 | 26.5 | 39.7 |

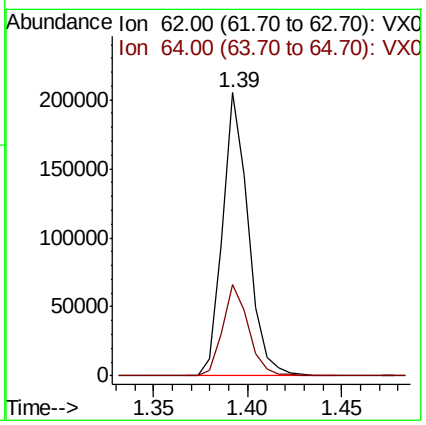


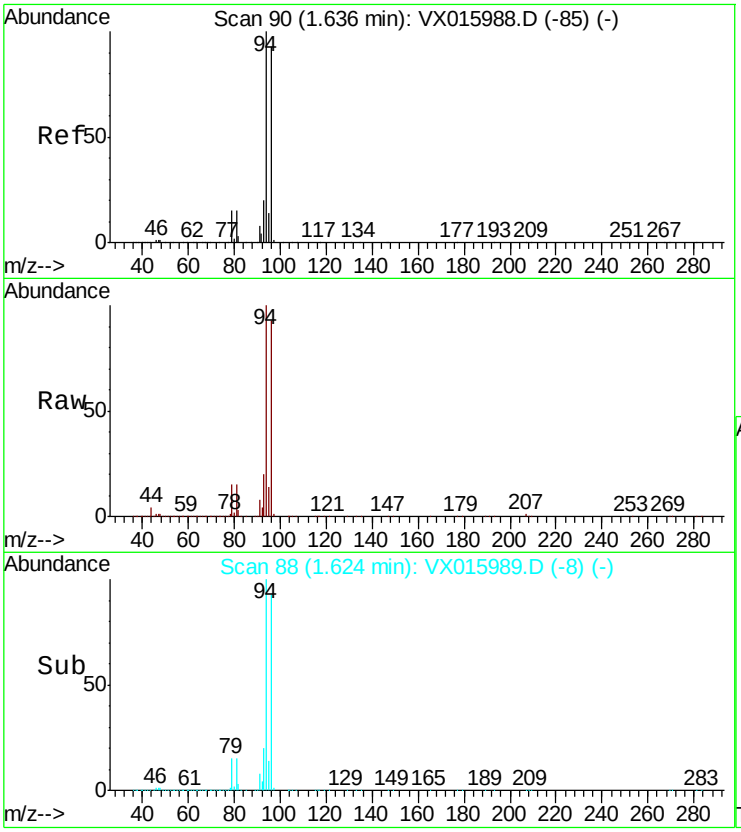




#4
Vinyl Chloride
Concen: 60.151 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 62 Resp: 194255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.5 | 26.3 | 39.5 |



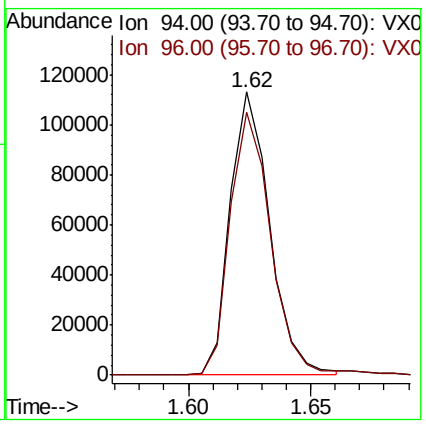


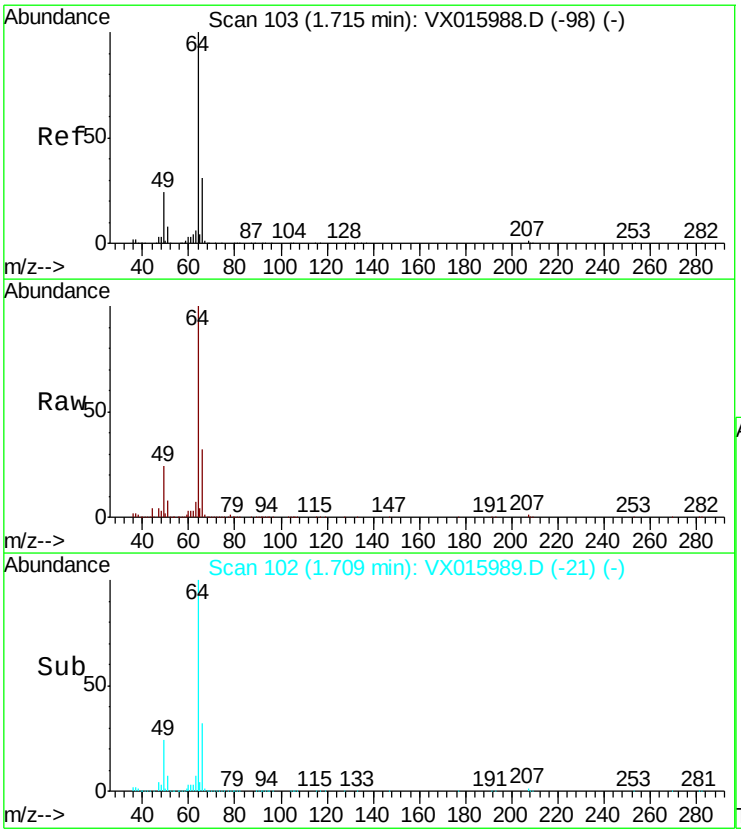

#5
Bromomethane
Concen: 69.917 ug/l
RT: 1.62 min Scan# 88
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 94 Resp: 127013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 92.9 | 74.2 | 111.2 |

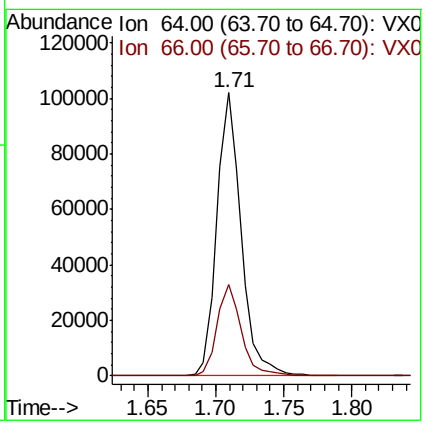


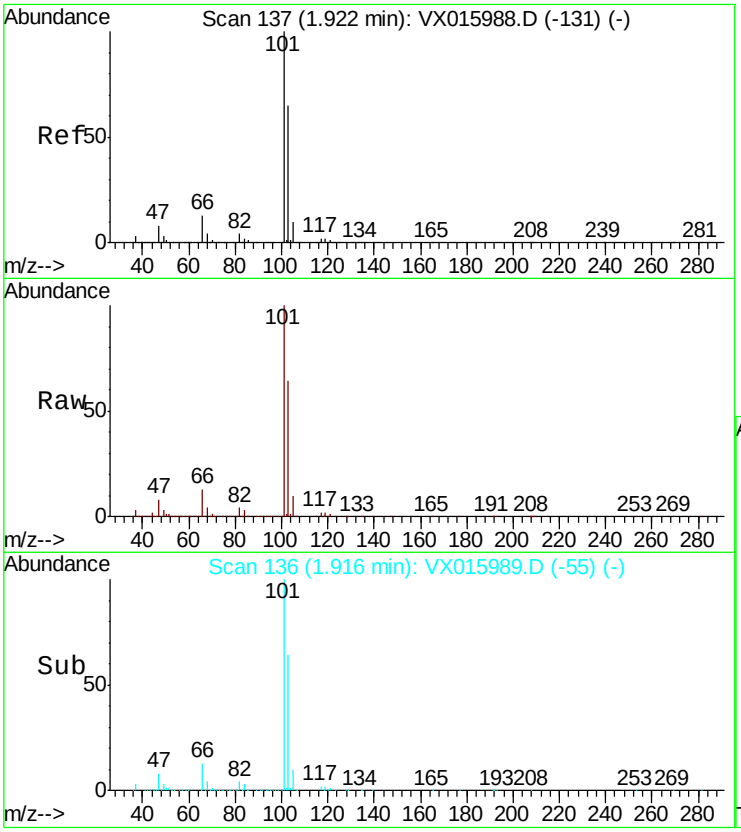




#6
Chloroethane
Concen: 61.937 ug/l
RT: 1.71 min Scan# 102
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 64 Resp: 126871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.4 | 24.9 | 37.3 |



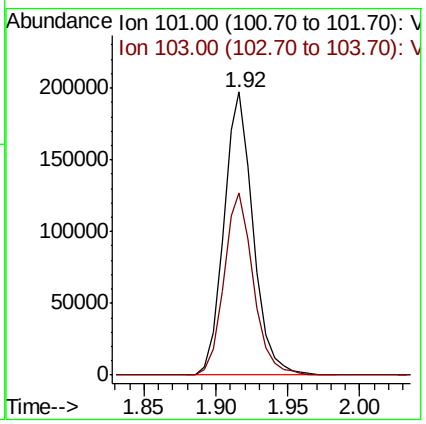


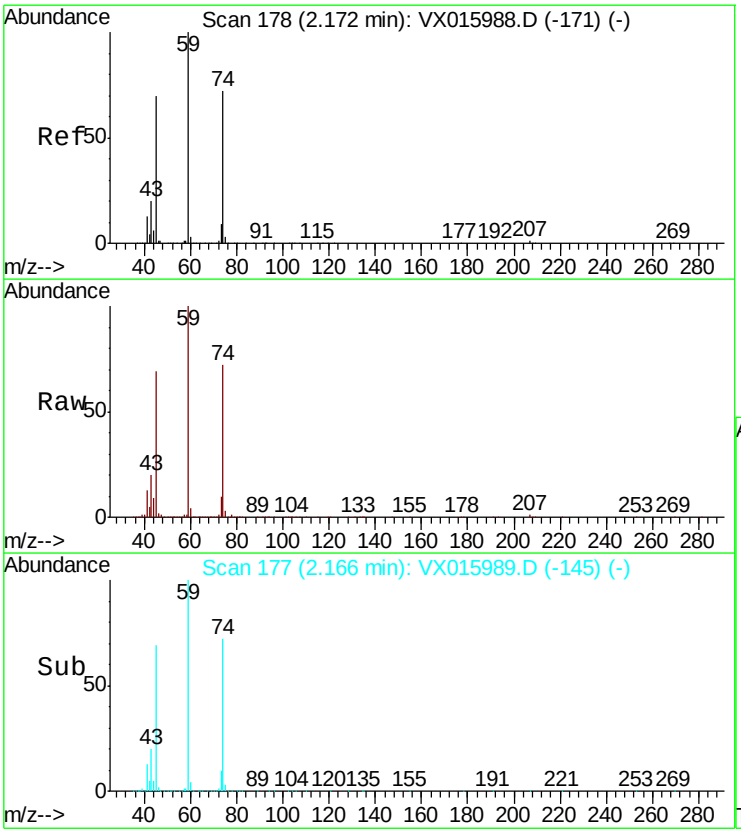

#7
Trichlorofluoromethane
Concen: 61.002 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion:101 Resp: 280341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.4 | 51.8 | 77.8 |

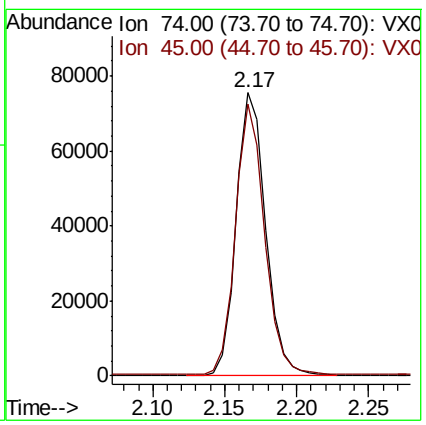


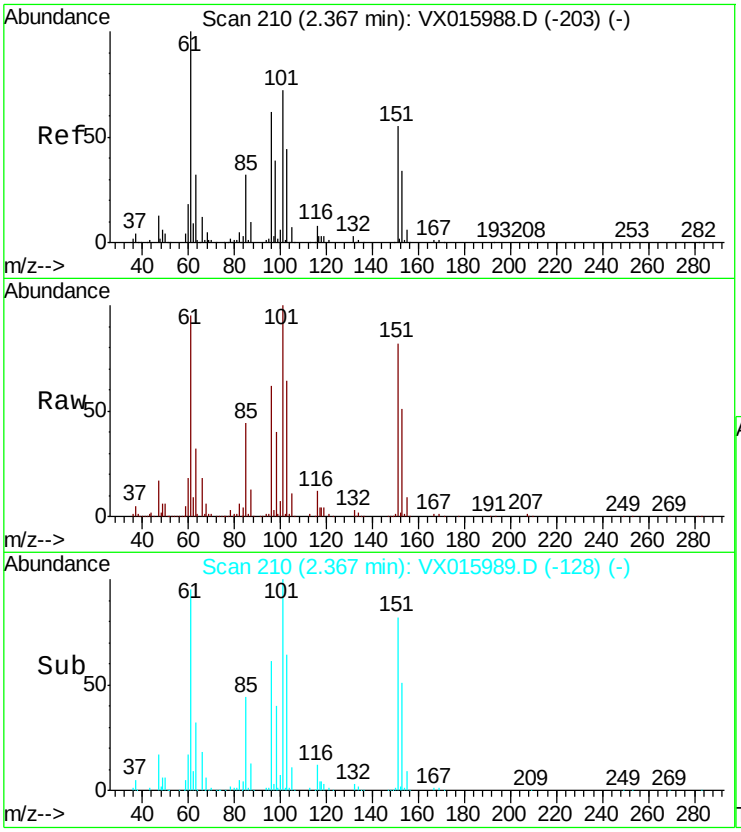




#8
Diethyl Ether
Concen: 60.484 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 74 Resp: 107276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 94.6 | 19.4 | 174.8 |



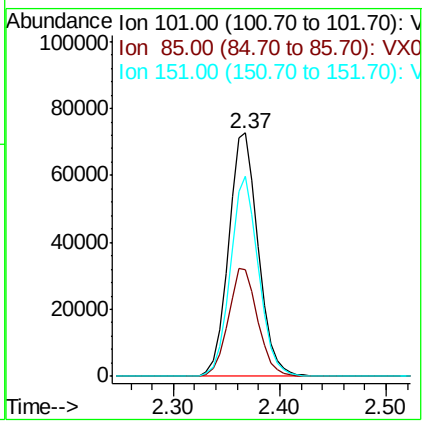


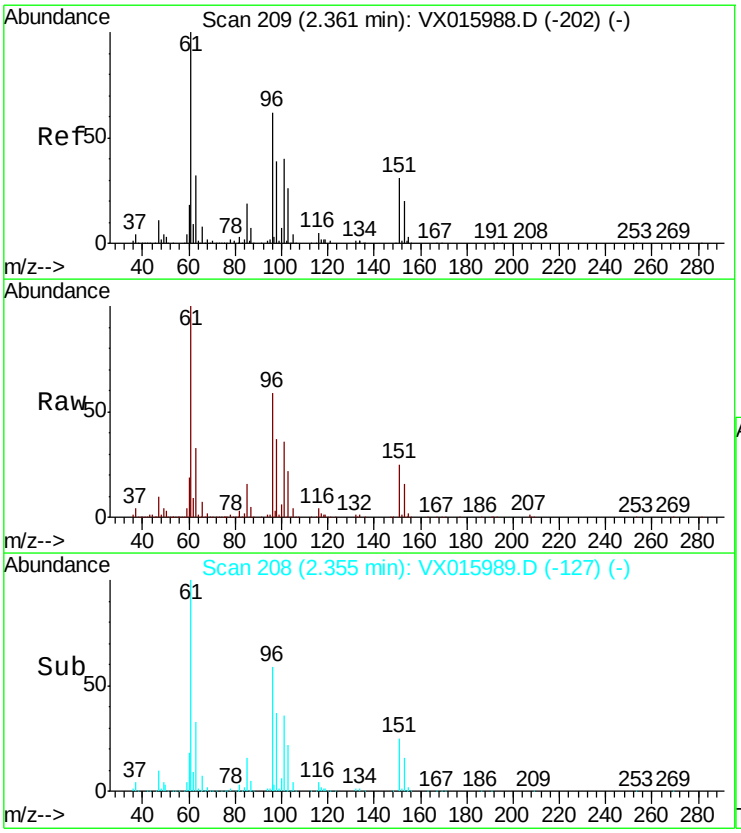

#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.455 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion:101 Resp: 141394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.3 | 0.0 | 90.6 |
| 151 | 78.6 | 0.0 | 157.0 |

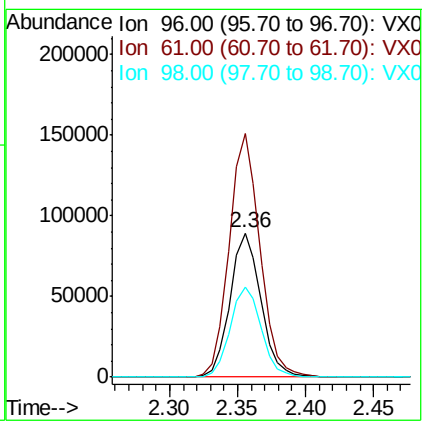


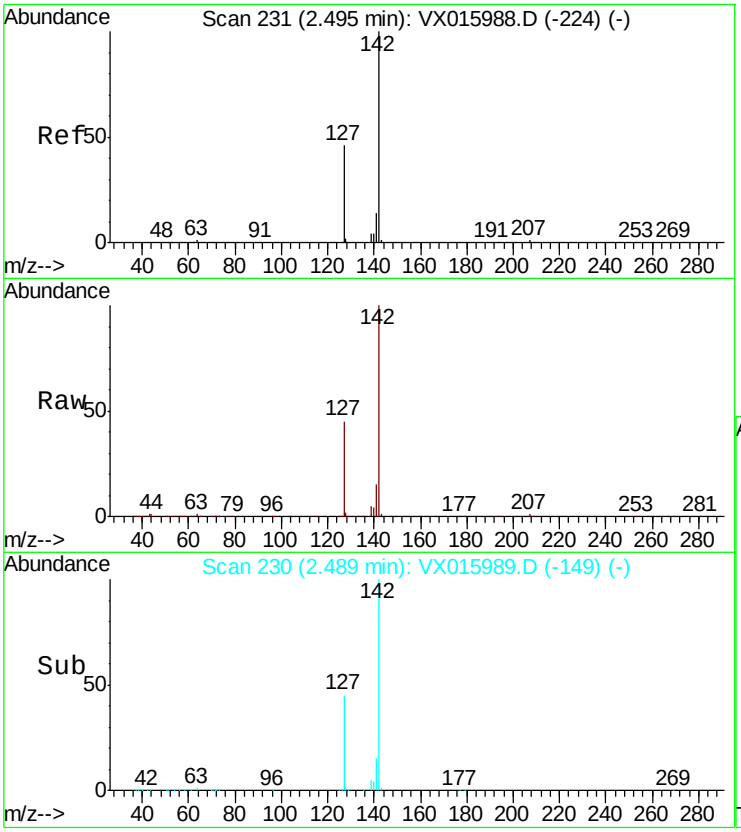




#10
1,1-Dichloroethene
Concen: 51.361 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 96 Resp: 140247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 169.6 | 129.8 | 194.8 |
| 98 | 63.1 | 51.1 | 76.7 |



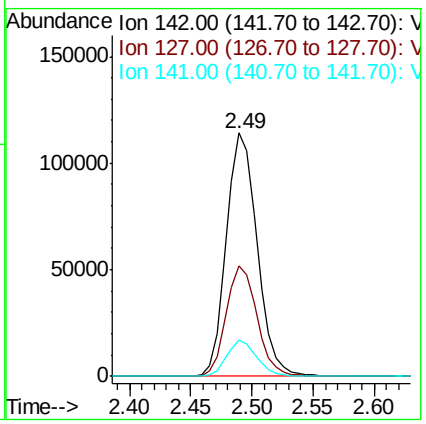


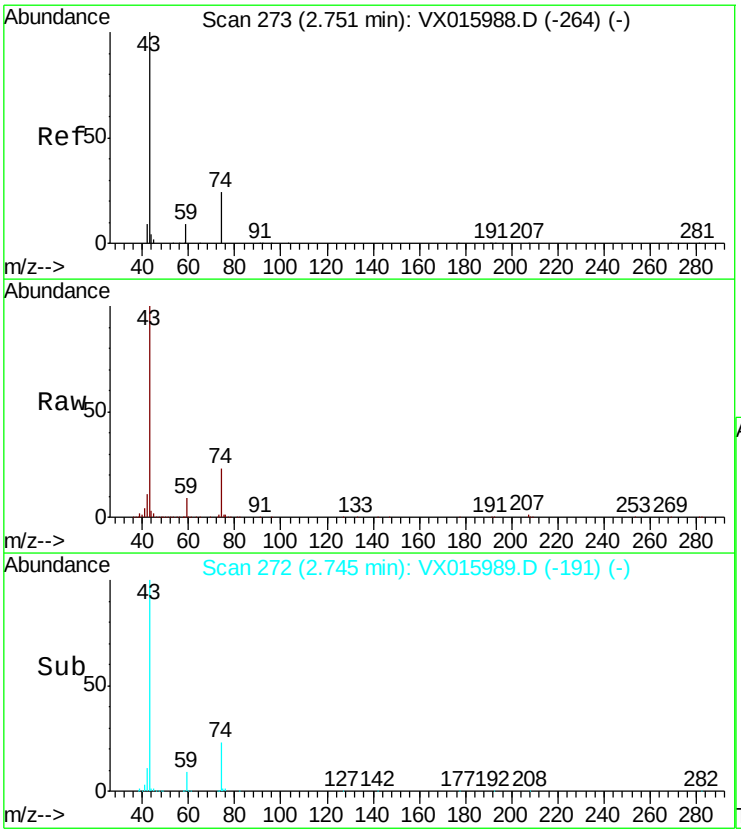

#11
Methyl Iodide
Concen: 54.956 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion:142 Resp: 199276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 45.2 | 22.8 | 68.4 |
| 141 | 14.8 | 7.0 | 21.1 |

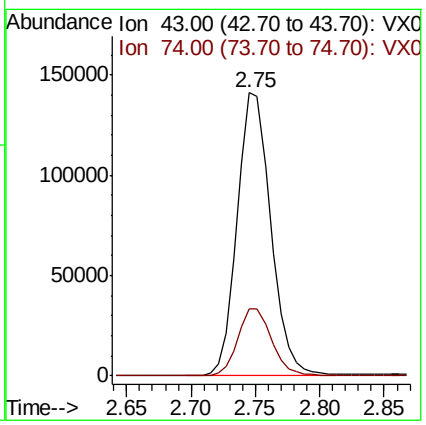


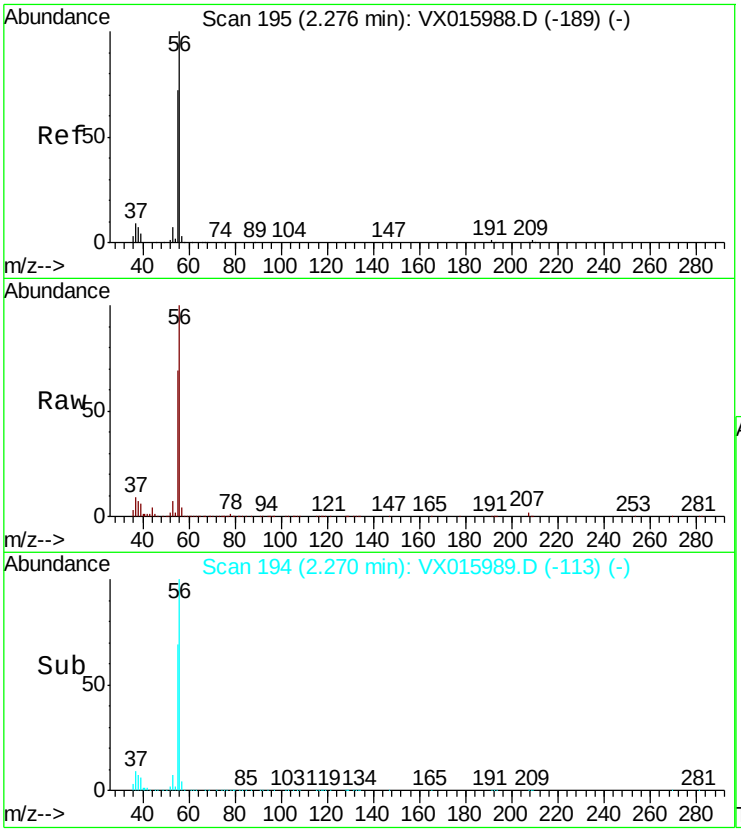




#12
Methyl Acetate
Concen: 58.548 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 43 Resp: 255002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 23.4 | 19.0 | 28.4 |



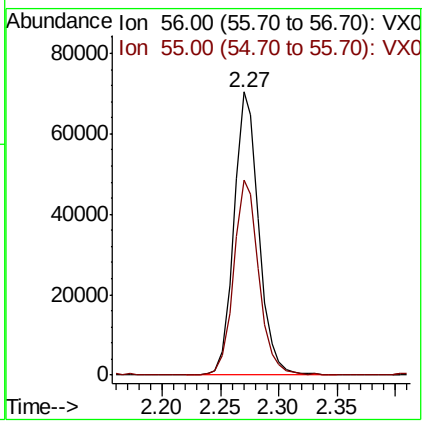


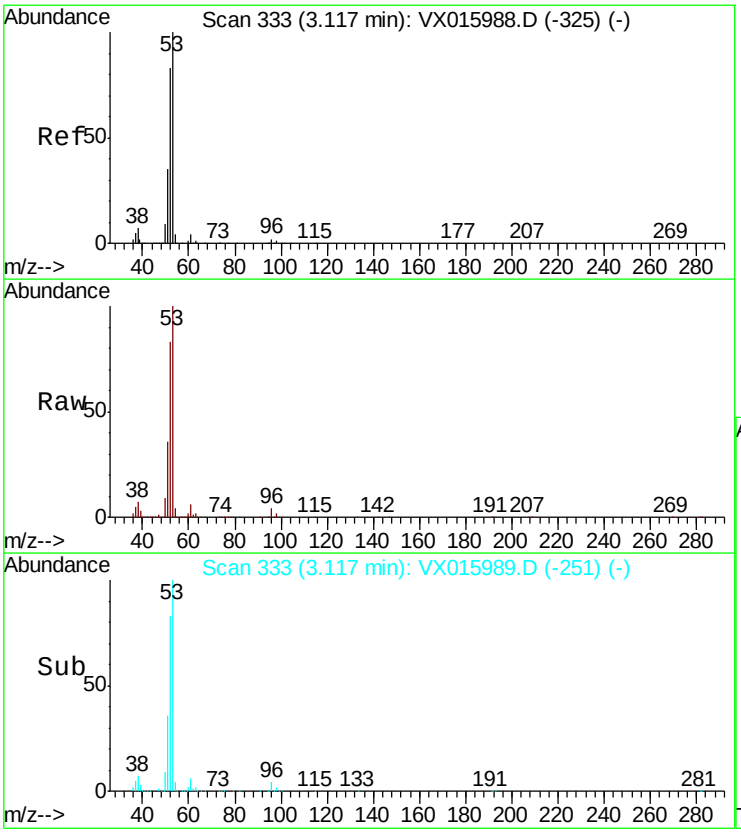

#13
Acrolein
Concen: 227.150 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 56 Resp: 103866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 69.1 | 56.2 | 84.4 |

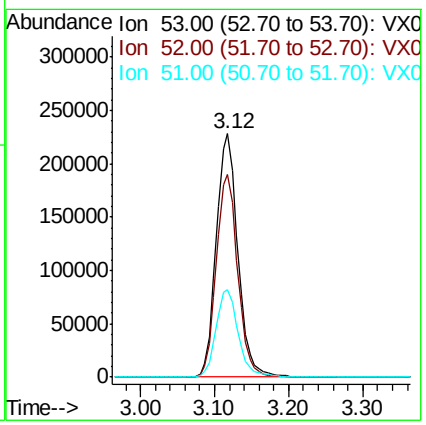


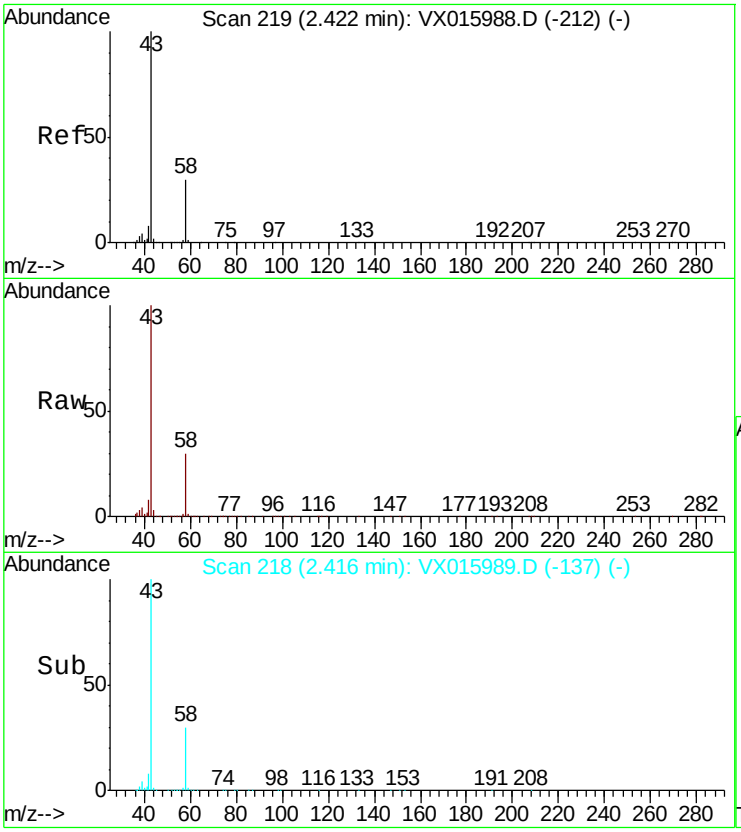




#14
Acrylonitrile
Concen: 266.742 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 53 Resp: 457945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.6 | 41.2 | 123.6 |
| 51 | 36.8 | 17.8 | 53.5 |



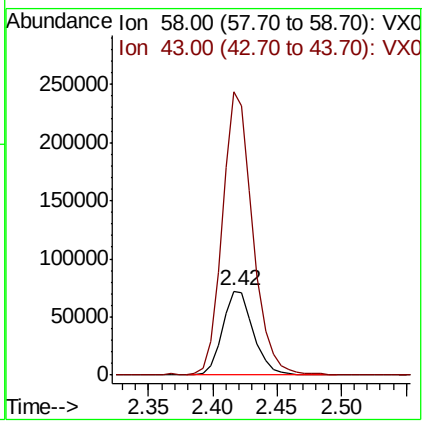


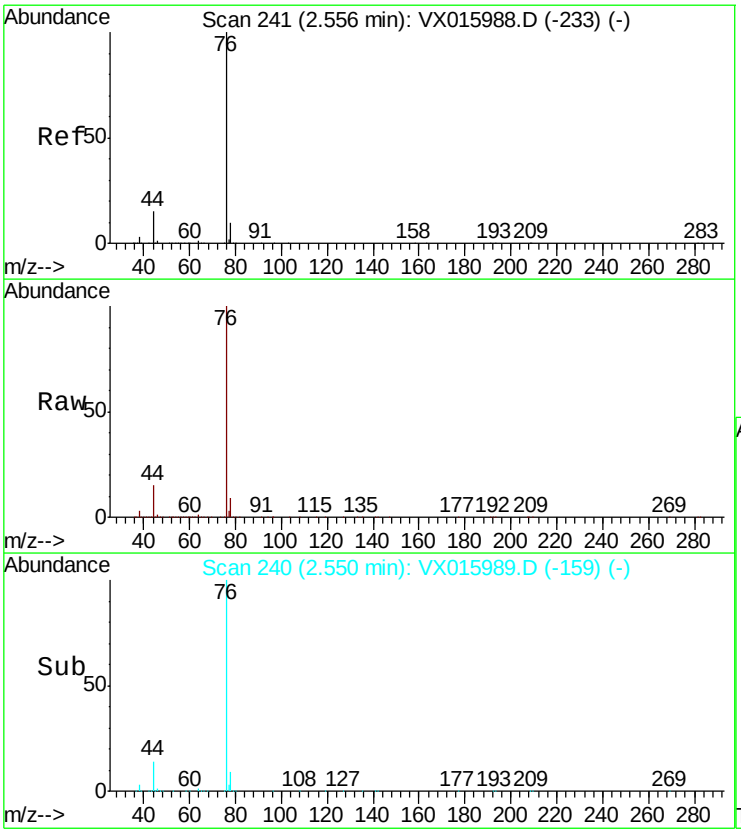

#15
Acetone
Concen: 274.956 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 58 Resp: 121395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 58 | 100 | | |
| 43 | 336.6 | 264.2 | 396.2 |

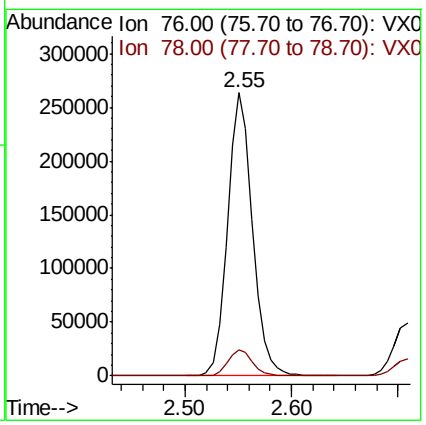


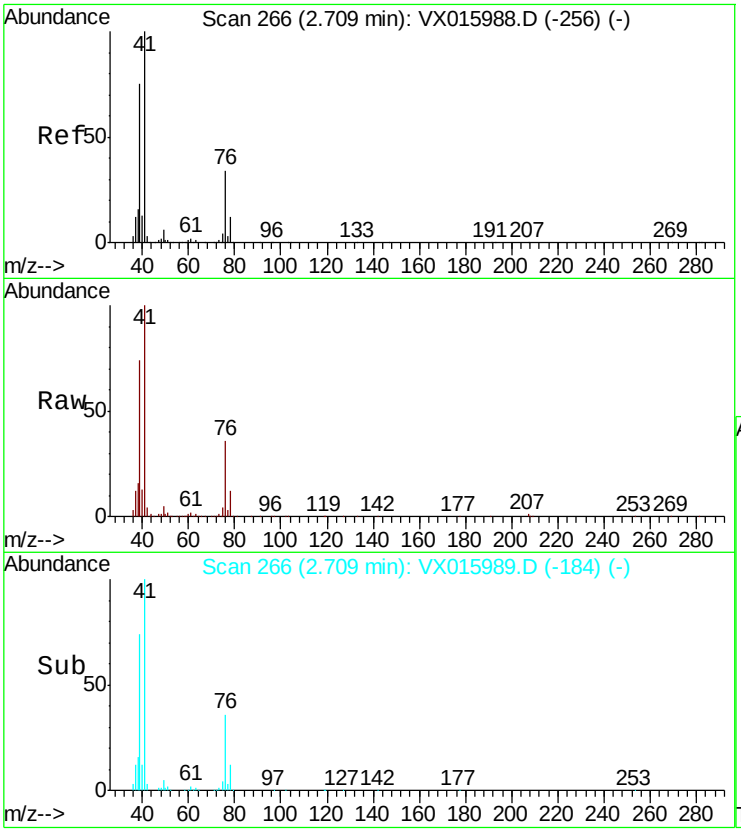




#16
Carbon Disulfide
Concen: 53.241 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 76 Resp: 431174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.2 | 7.7 | 11.5 |



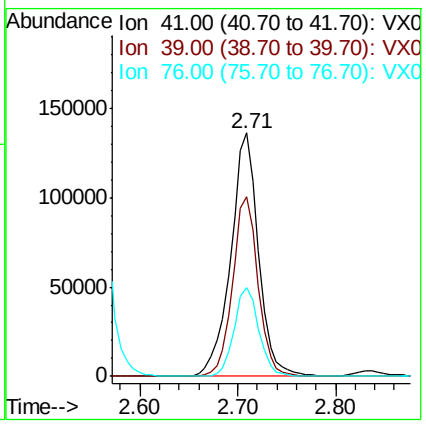


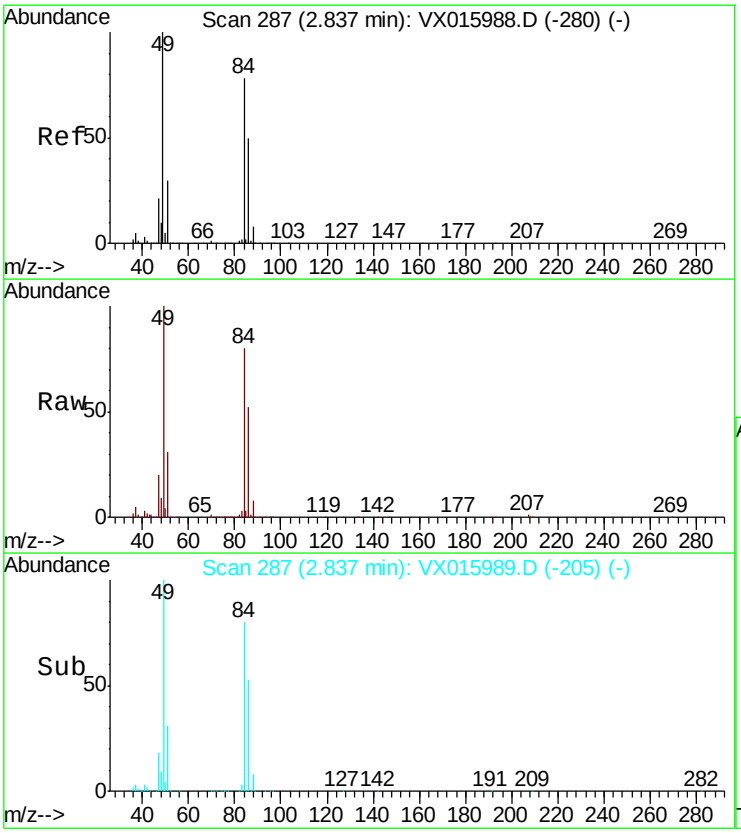

#17
Allyl chloride
Concen: 46.584 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 41 Resp: 267266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 73.7 | 37.6 | 112.8 |
| 76 | 36.4 | 17.2 | 51.5 |

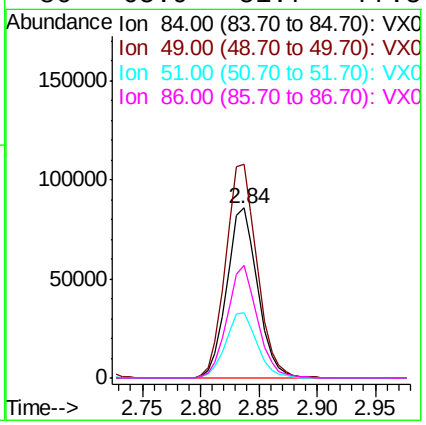


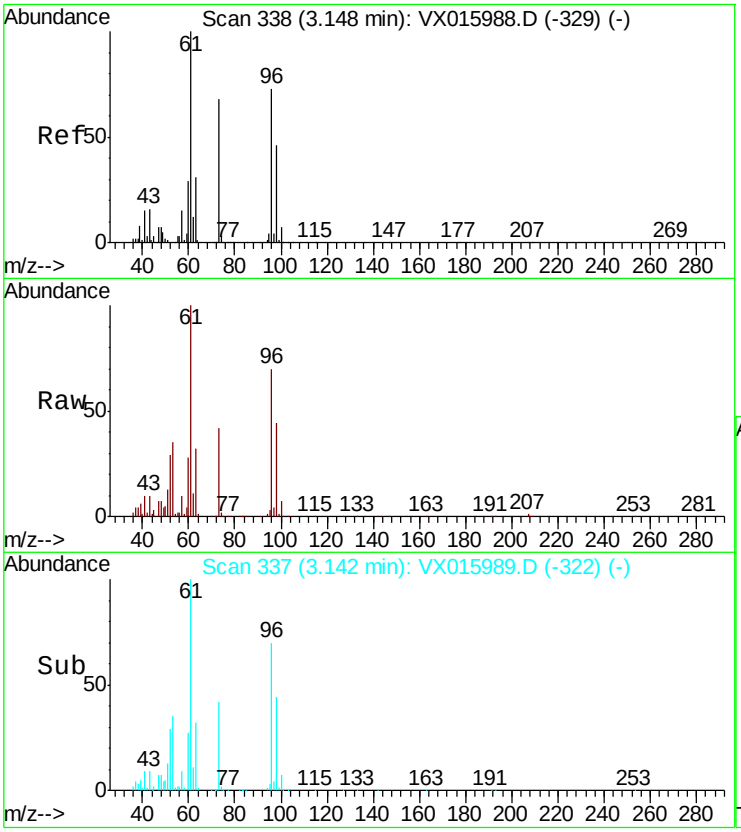




#18
Methylene Chloride
Concen: 52.090 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 84 Resp: 159171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 125.4 | 103.0 | 154.4 |
| 51 | 38.5 | 31.4 | 47.0 |
| 86 | 65.9 | 51.7 | 77.5 |



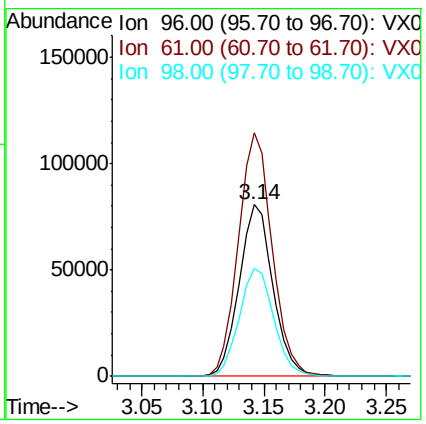


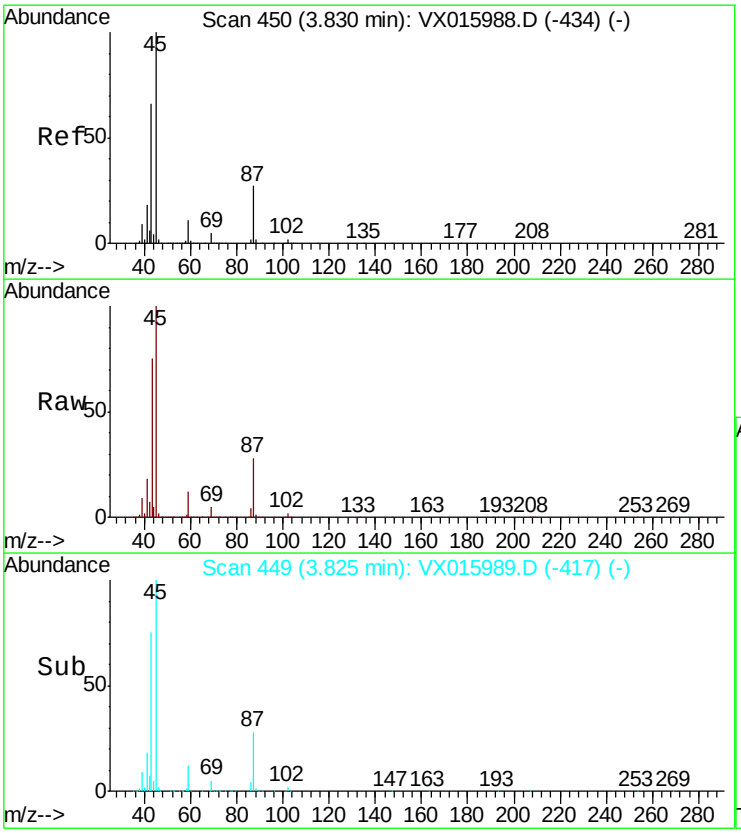

#19
trans-1,2-Dichloroethene
Concen: 52.246 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 96 Resp: 154575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 142.2 | 109.0 | 163.4 |
| 98 | 62.7 | 50.0 | 75.0 |

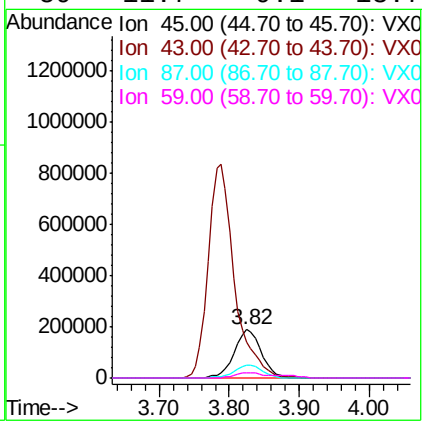


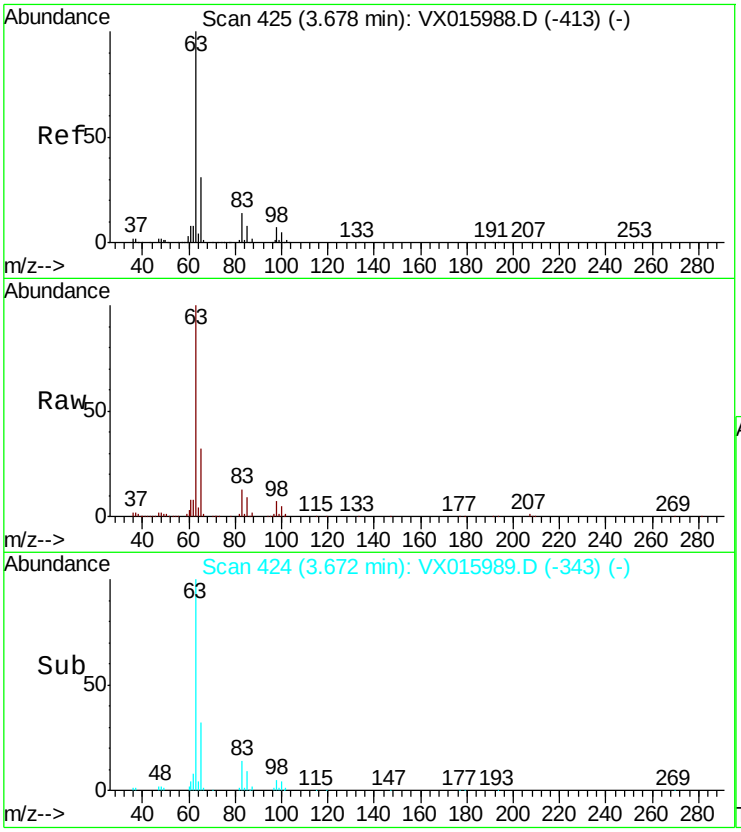




#20
Diisopropyl ether
Concen: 48.423 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 45 Resp: 506759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 75.1 | 53.0 | 79.4 |
| 87 | 27.9 | 21.9 | 32.9 |
| 59 | 11.7 | 9.1 | 13.7 |



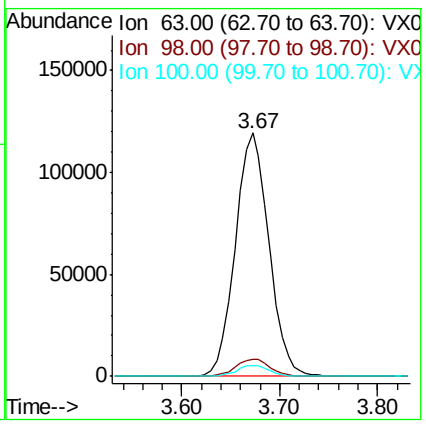


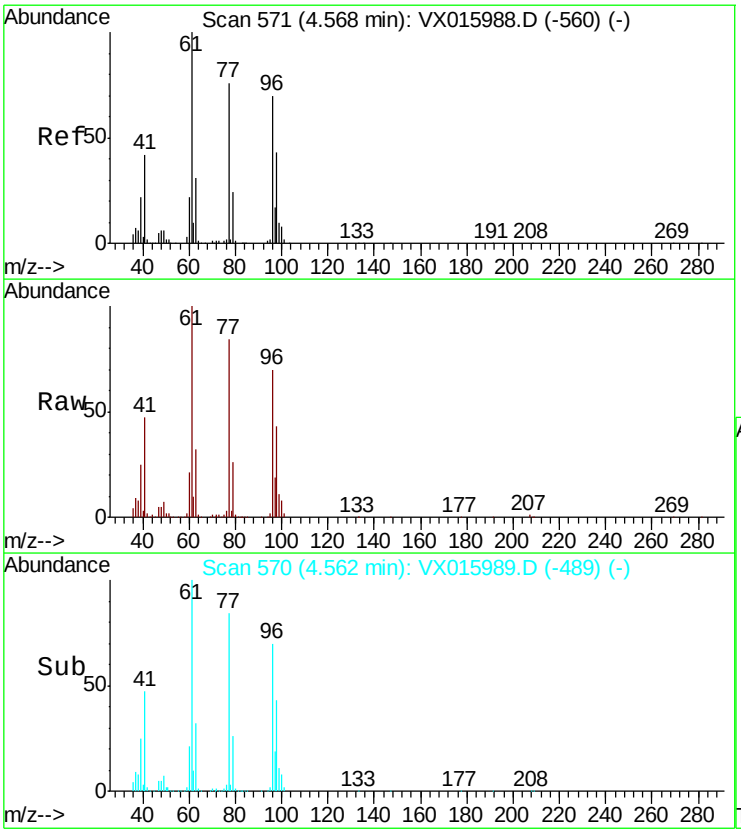

#21
1,1-Dichloroethane
Concen: 51.169 ug/l
RT: 3.67 min Scan# 424
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 63 Resp: 284015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.0 | 3.5 | 10.4 |
| 100 | 4.5 | 2.3 | 6.9 |

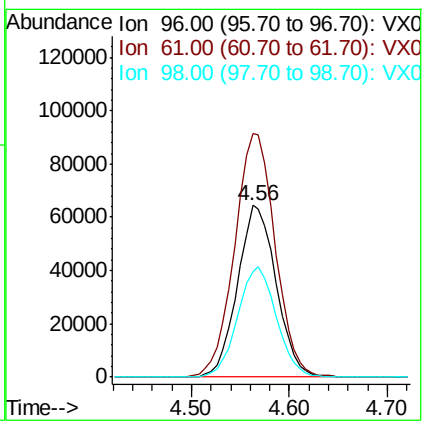


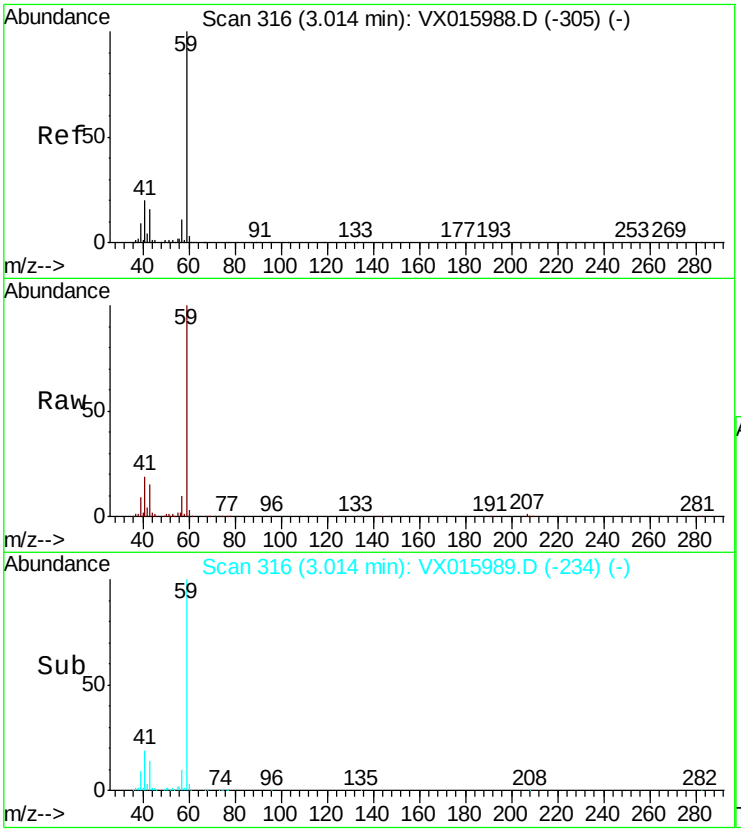




#22
cis-1,2-Dichloroethene
Concen: 52.064 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 96 Resp: 176140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 149.3 | 121.6 | 182.4 |
| 98 | 64.6 | 51.9 | 77.9 |



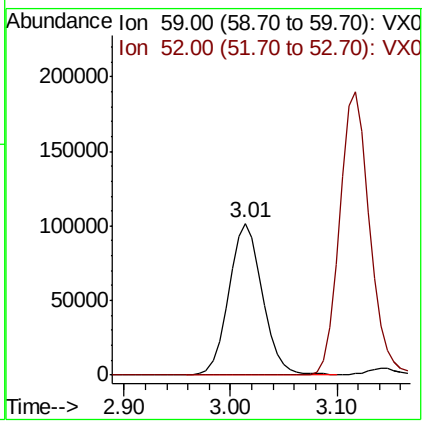


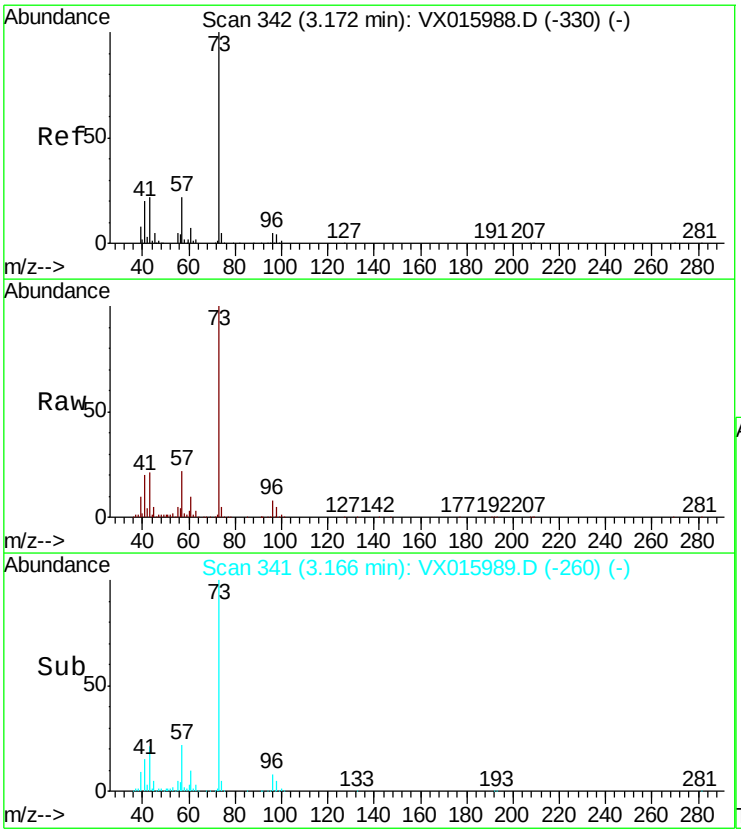

#23
tert-Butyl Alcohol
Concen: 267.055 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 59 Resp: 224618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 52 | 0.3 | 0.1 | 0.1# |

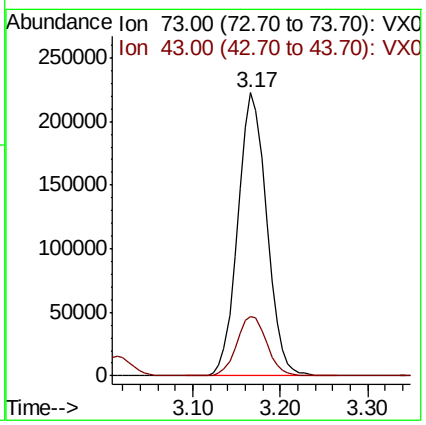


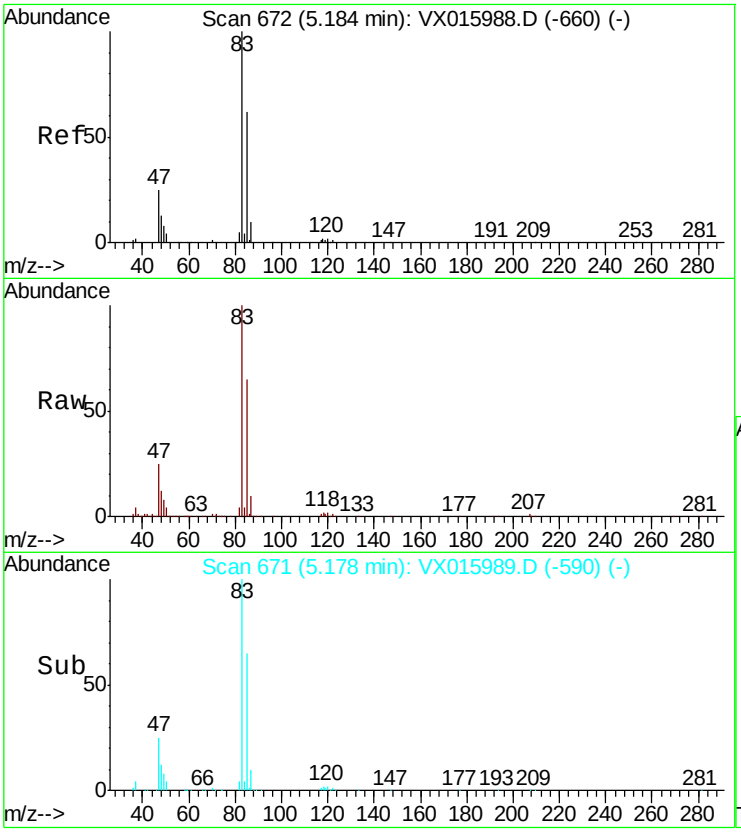




#24
Methyl tert-Butyl Ether
Concen: 51.339 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 73 Resp: 511089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 21.5 | 17.8 | 26.6 |



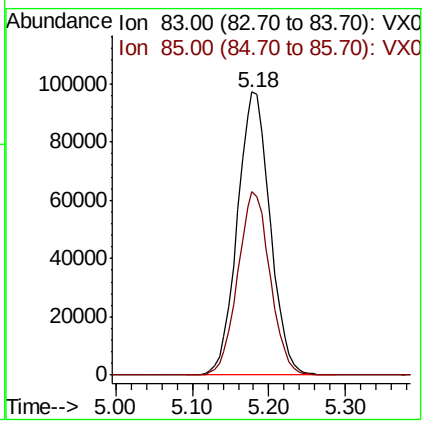


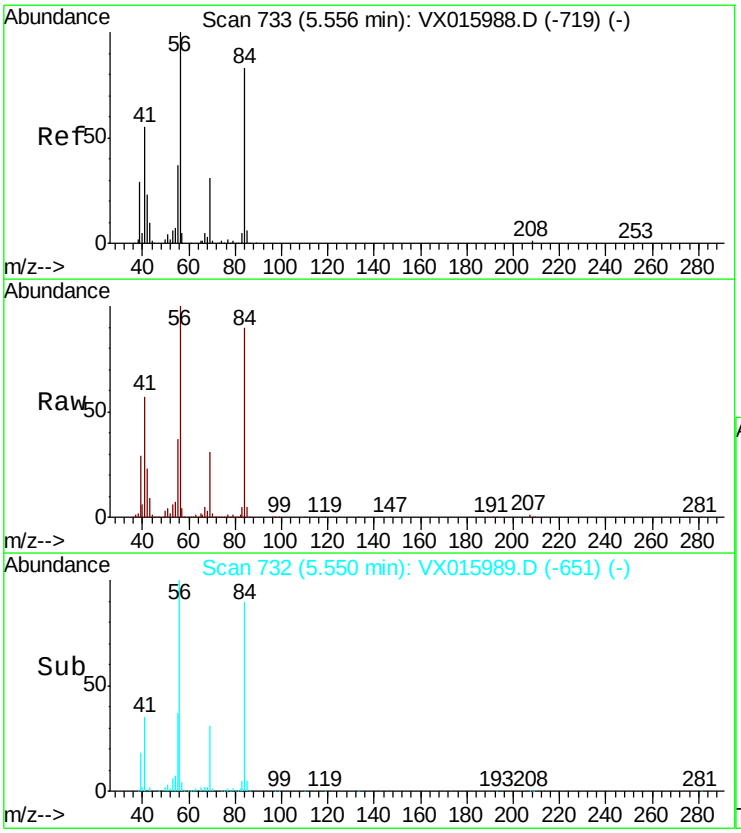

#25
Chloroform
Concen: 51.917 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 83 Resp: 288256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.9 | 49.6 | 74.4 |

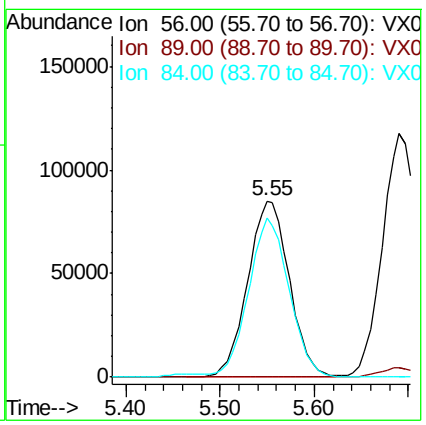


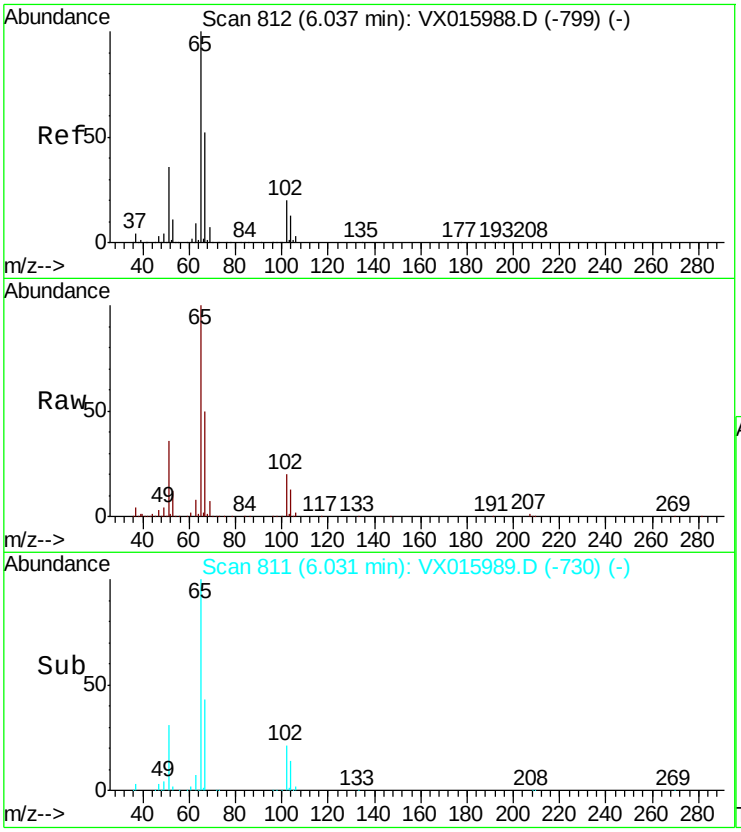




#26
Cyclohexane
Concen: 50.058 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 56 Resp: 262902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 89 | 0.0 | 0.1 | 0.1# |
| 84 | 88.1 | 70.1 | 105.1 |



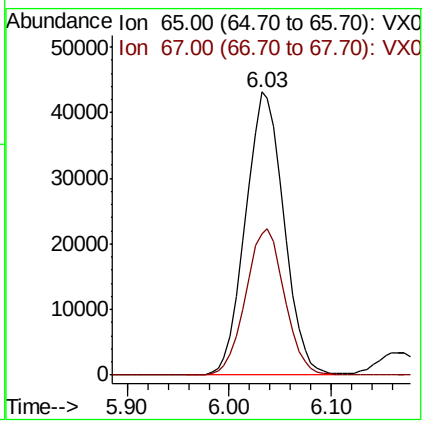


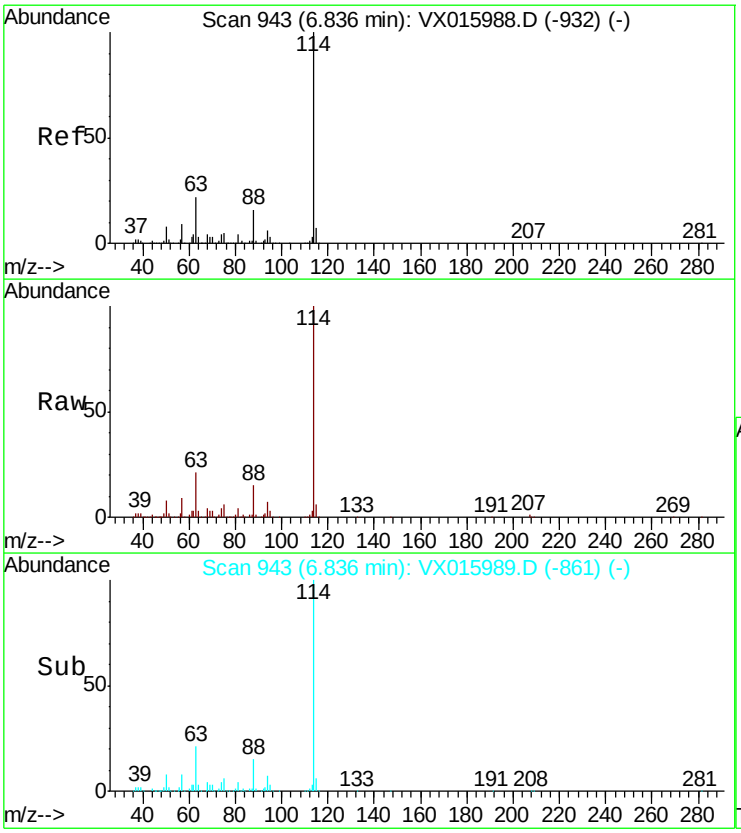

#27
1,2-Dichloroethane-d4
Concen: 29.596 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 65 Resp: 113325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.3 | 41.0 | 61.4 |

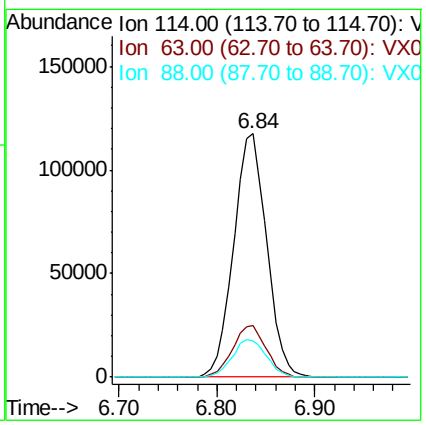


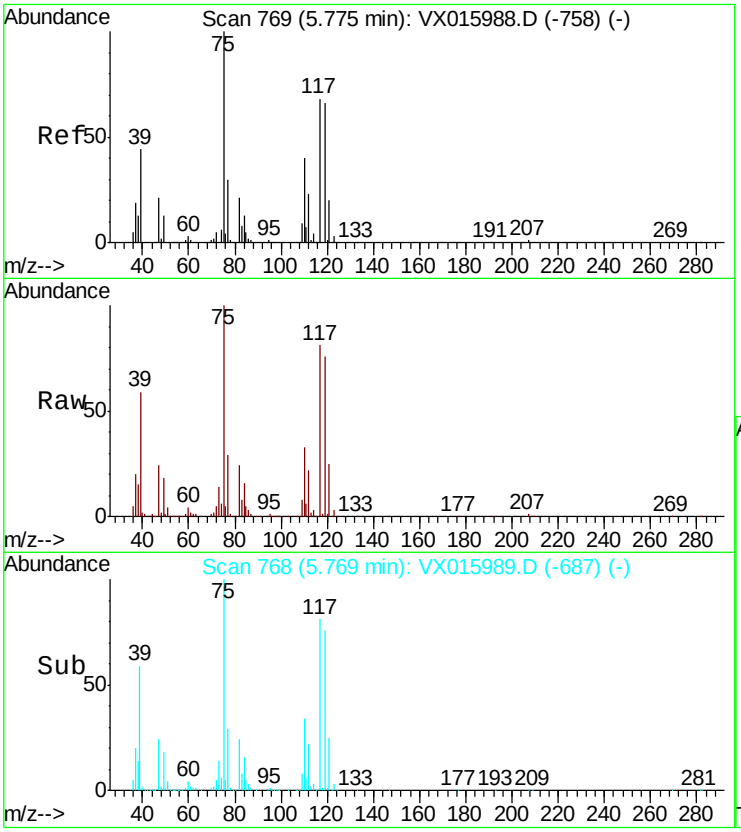




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion:114 Resp: 274876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.6 | 17.1 | 25.7 |
| 88 | 15.8 | 13.0 | 19.4 |



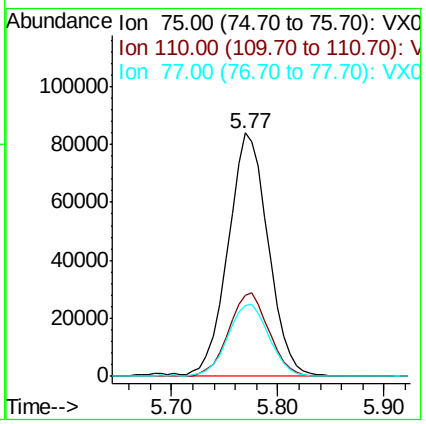


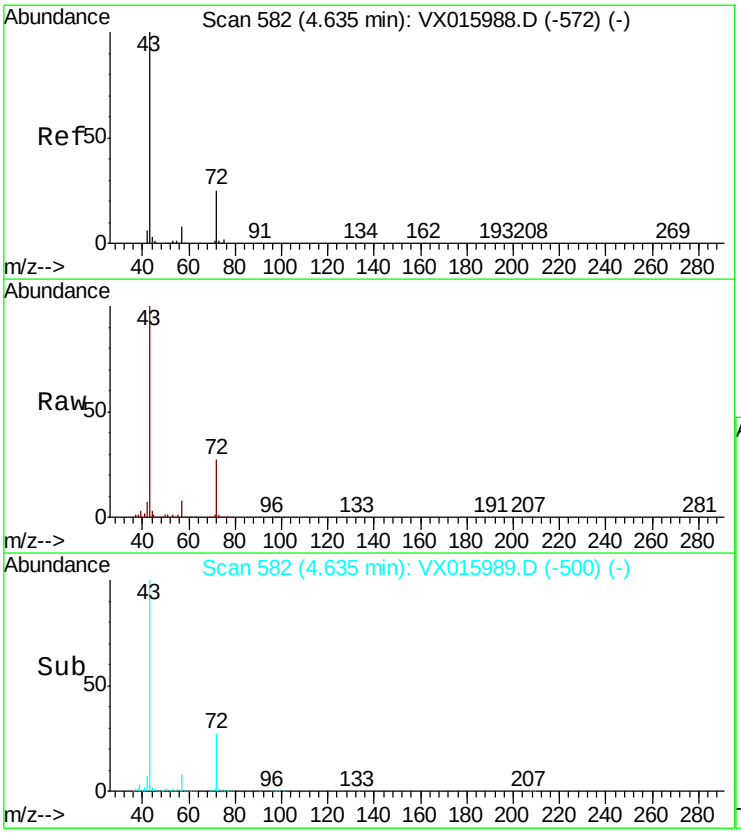

#29
1,1-Dichloropropene
Concen: 52.558 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 75 Resp: 220306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 34.8 | 0.0 | 71.0 |
| 77 | 30.5 | 0.0 | 64.2 |

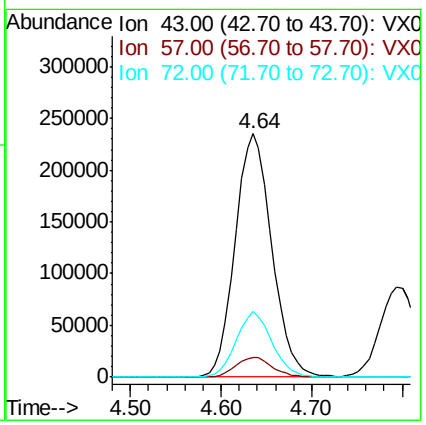


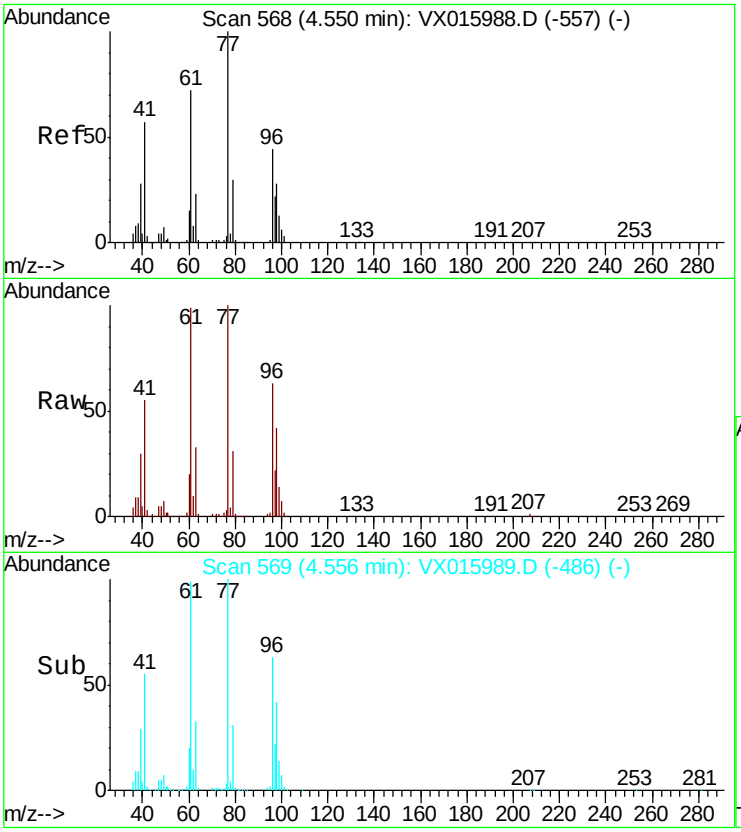




#30
2-Butanone
Concen: 262.569 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 43 Resp: 655572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 8.2 | 6.3 | 9.5 |
| 72 | 26.2 | 20.8 | 31.2 |



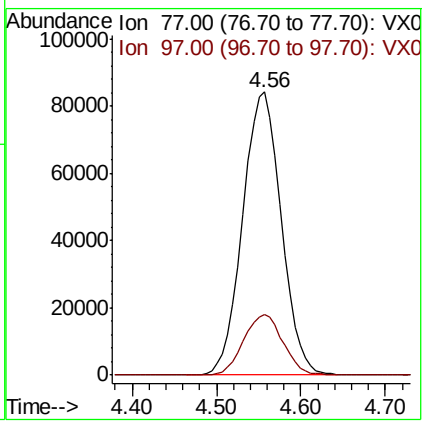


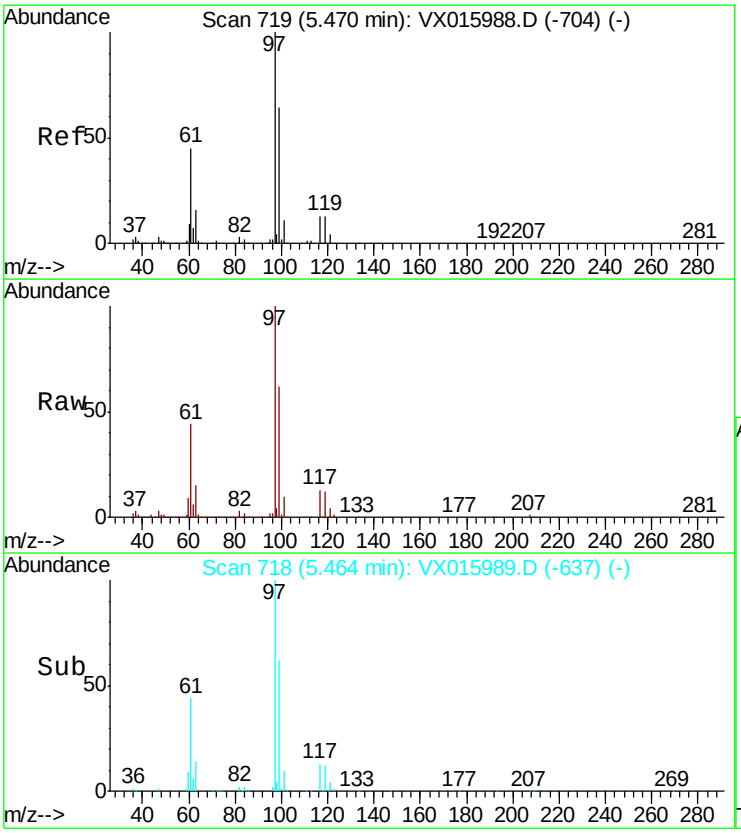

#31
2,2-Dichloropropane
Concen: 52.147 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 77 Resp: 262854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 21.9 | 17.8 | 26.8 |

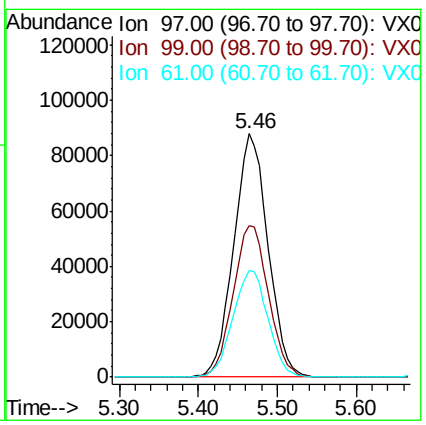


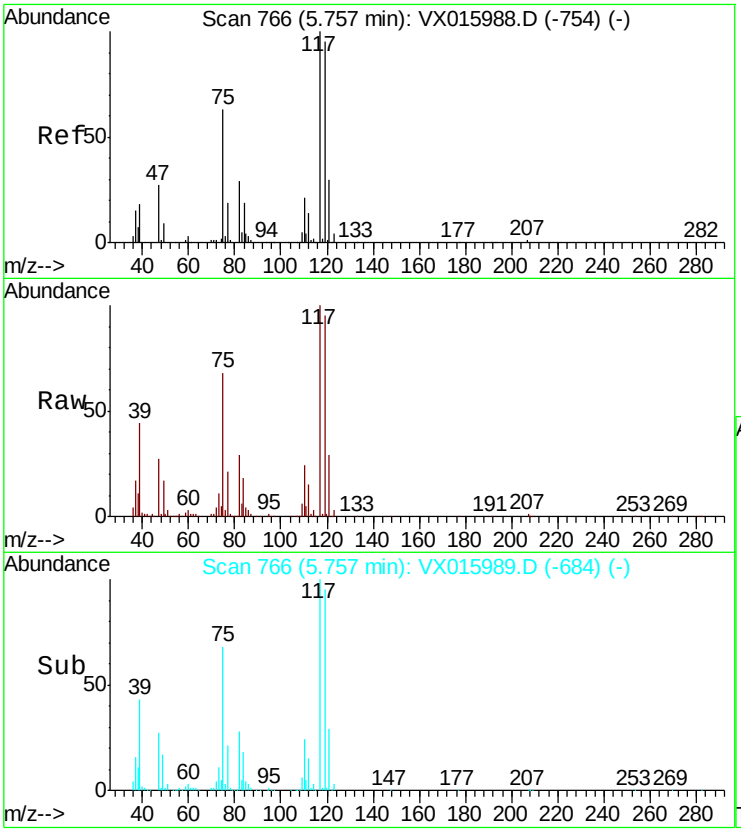




#32
1,1,1-Trichloroethane
Concen: 52.092 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 97 Resp: 265296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.4 | 50.7 | 76.1 |
| 61 | 45.2 | 35.9 | 53.9 |



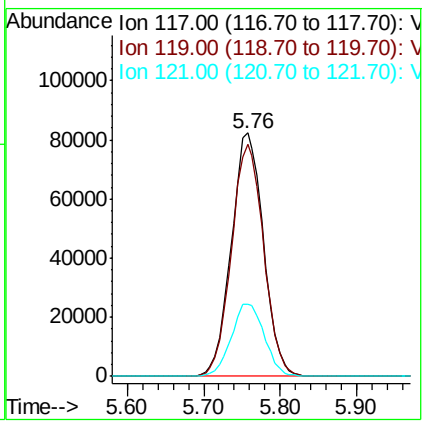


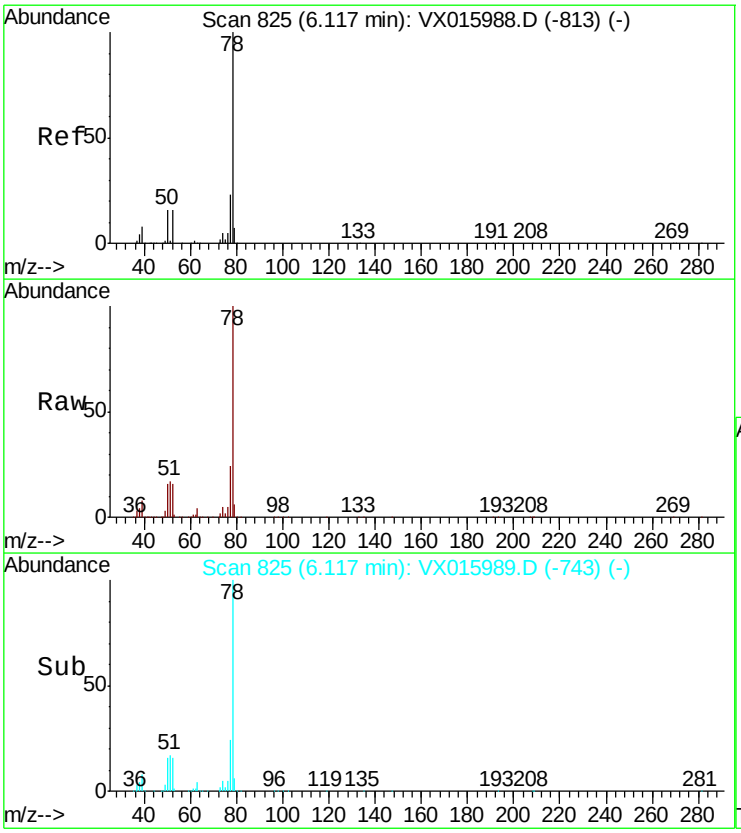

#33
Carbon Tetrachloride
Concen: 51.890 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion:117 Resp: 239477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.3 | 76.3 | 114.5 |
| 121 | 29.4 | 24.2 | 36.4 |

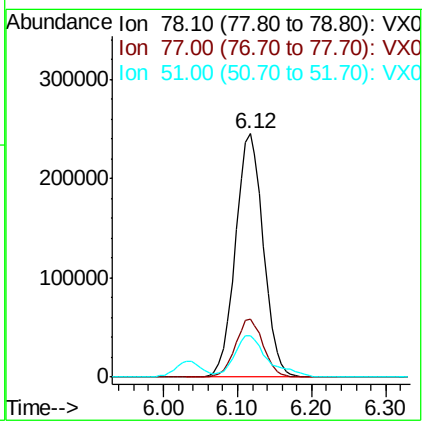


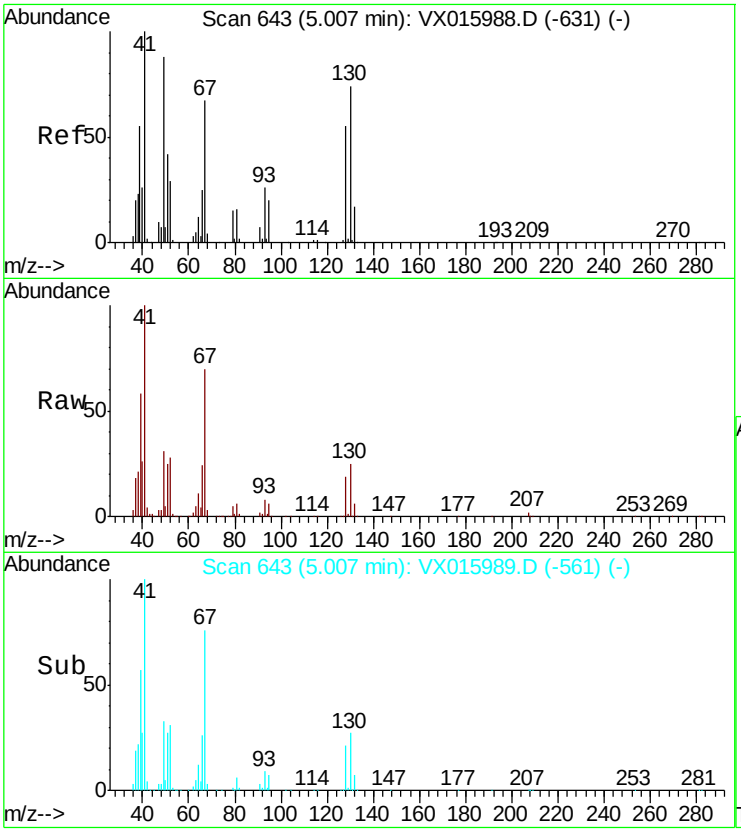




#34
Benzene
Concen: 53.022 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 78 Resp: 643128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.7 | 18.7 | 28.1 |
| 51 | 17.2 | 12.7 | 19.1 |



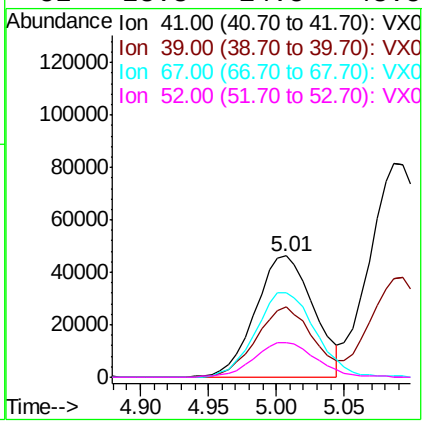


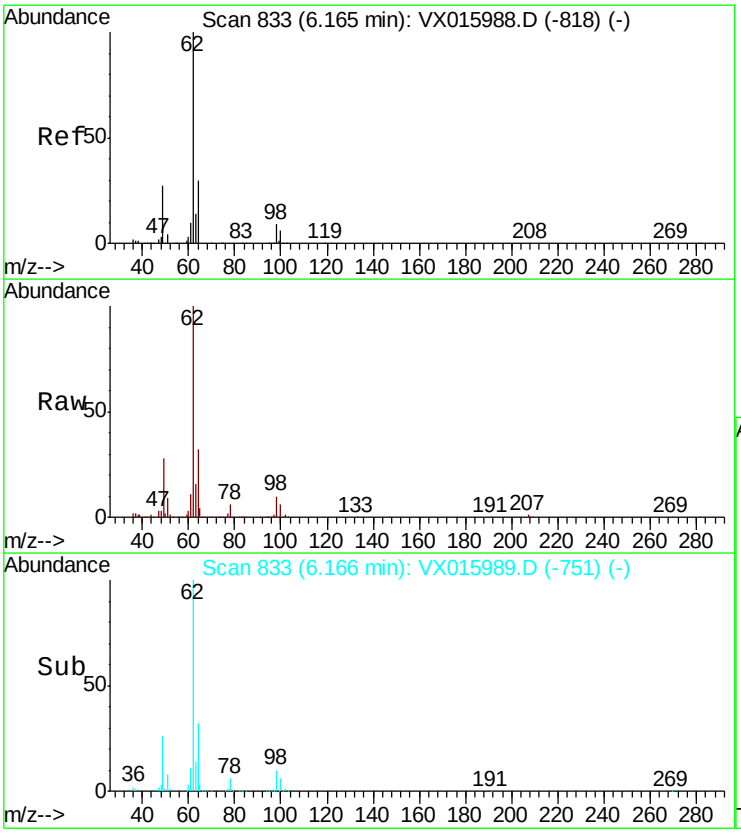

#35
Methacrylonitrile
Concen: 49.735 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 41 Resp: 137506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 57.5 | 27.5 | 82.4 |
| 67 | 69.7 | 33.6 | 100.6 |
| 52 | 28.3 | 14.5 | 43.5 |

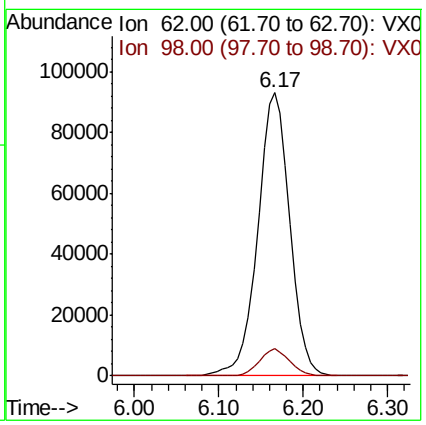


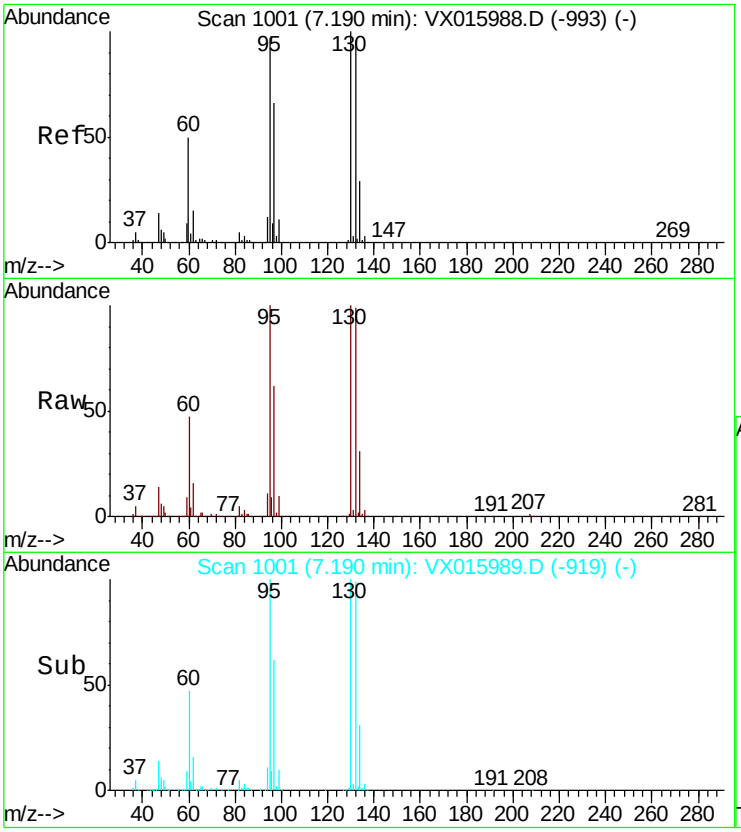




#36
1,2-Dichloroethane
Concen: 52.478 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 62 Resp: 243178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.1 | 7.4 | 11.2 |



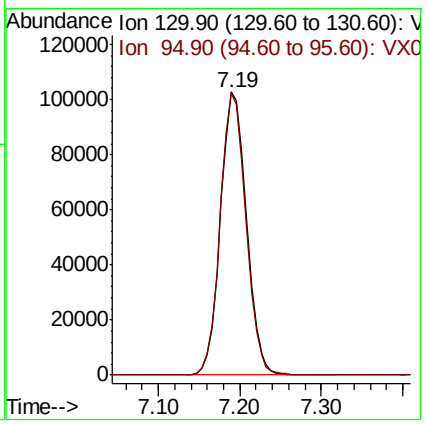


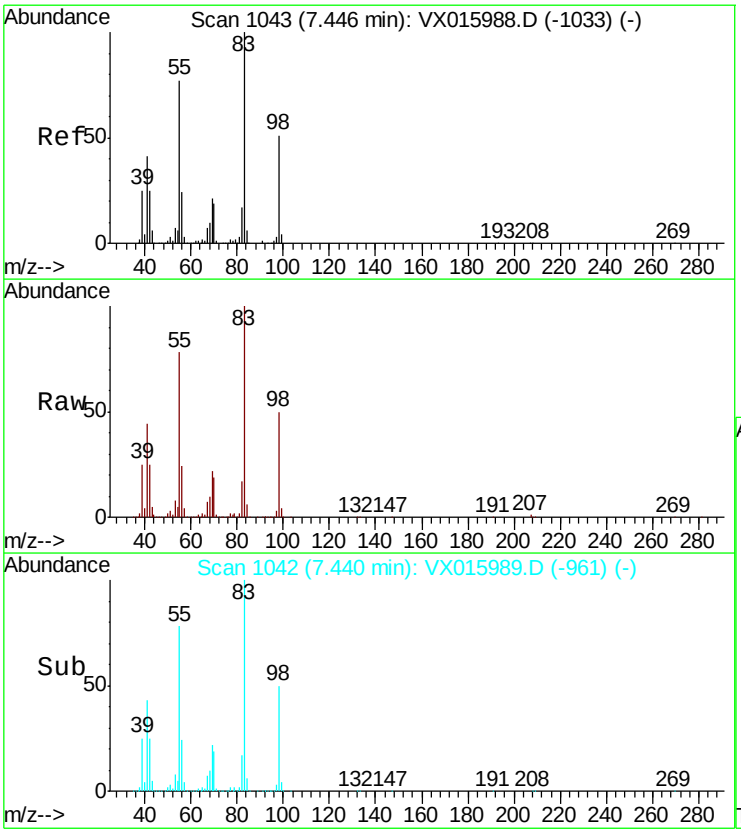

#37
Trichloroethene
Concen: 59.340 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion:130 Resp: 226928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 99.4 | 77.8 | 116.8 |

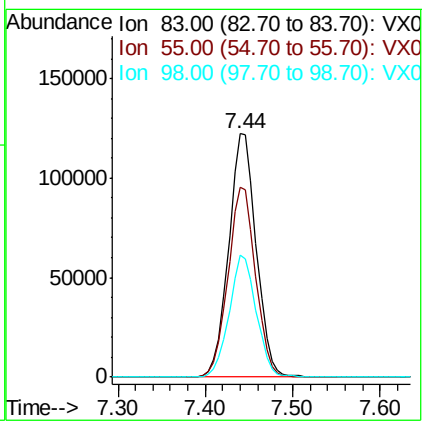


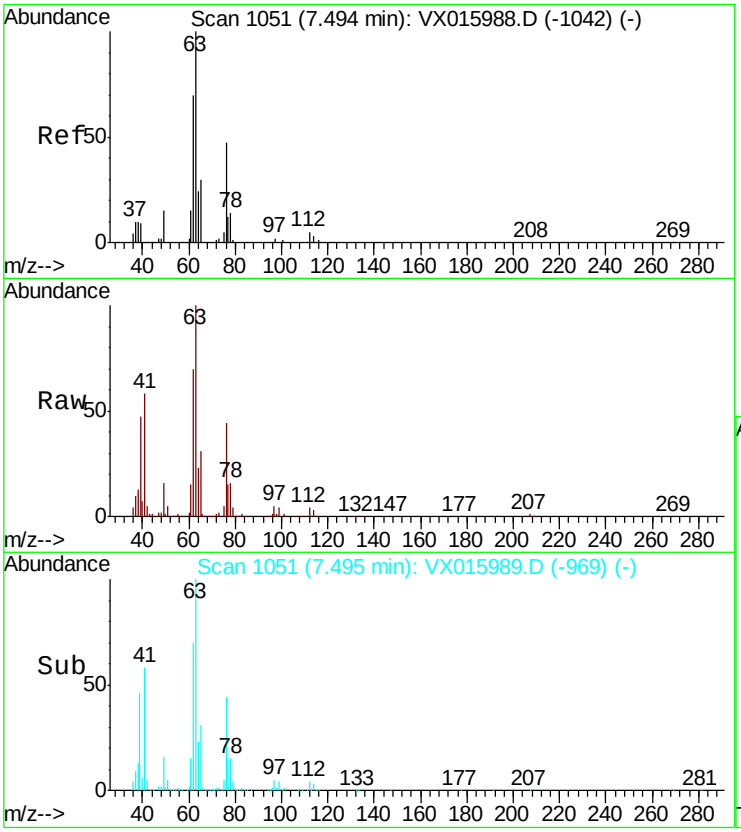




#38
Methylcyclohexane
Concen: 52.330 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 83 Resp: 267751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 77.9 | 38.8 | 116.4 |
| 98 | 49.4 | 25.1 | 75.3 |



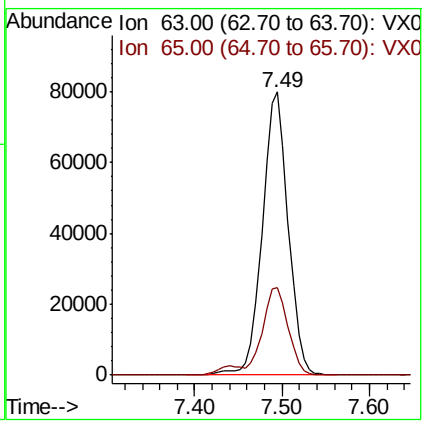


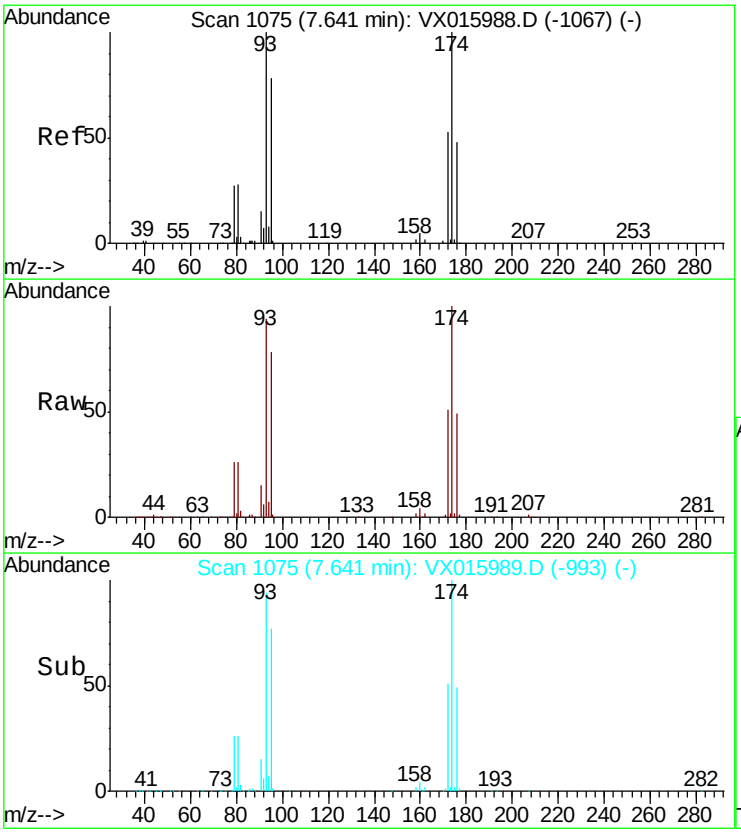

#39
1,2-Dichloropropane
Concen: 51.296 ug/l
RT: 7.49 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 63 Resp: 164091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.6 | 25.9 | 38.9 |

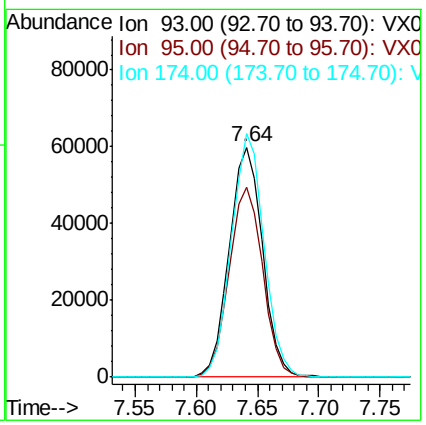


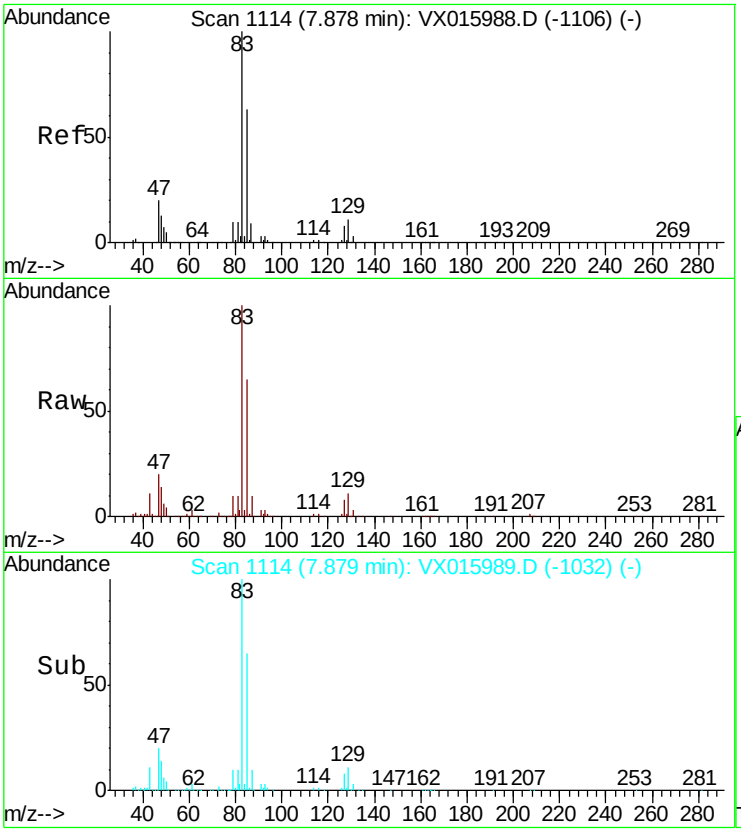




#40
Dibromomethane
Concen: 52.123 ug/l
RT: 7.64 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 93 Resp: 113178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.2 | 0.0 | 162.8 |
| 174 | 103.8 | 0.0 | 204.0 |



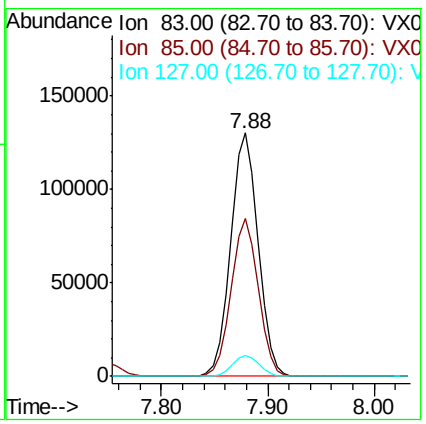


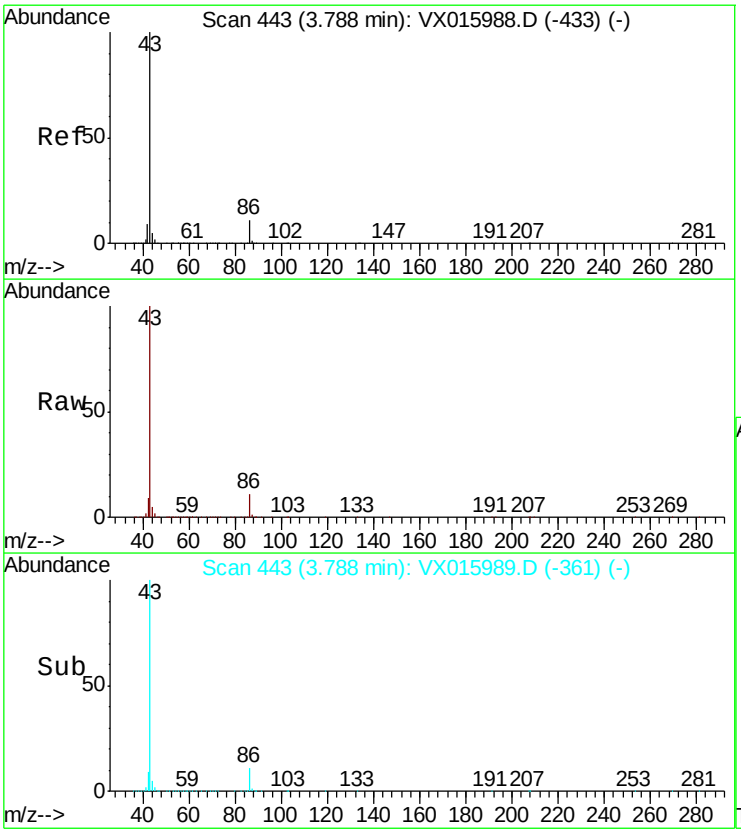

#41
Bromodichloromethane
Concen: 51.192 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 83 Resp: 235373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.0 | 50.4 | 75.6 |
| 127 | 8.4 | 6.7 | 10.1 |

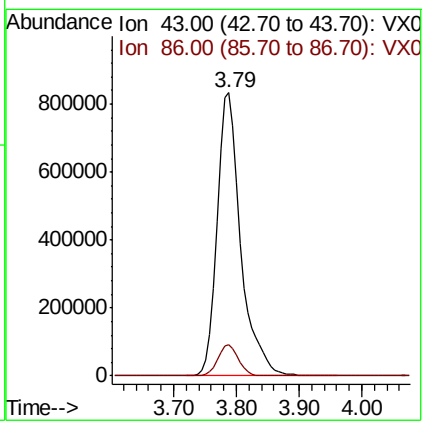


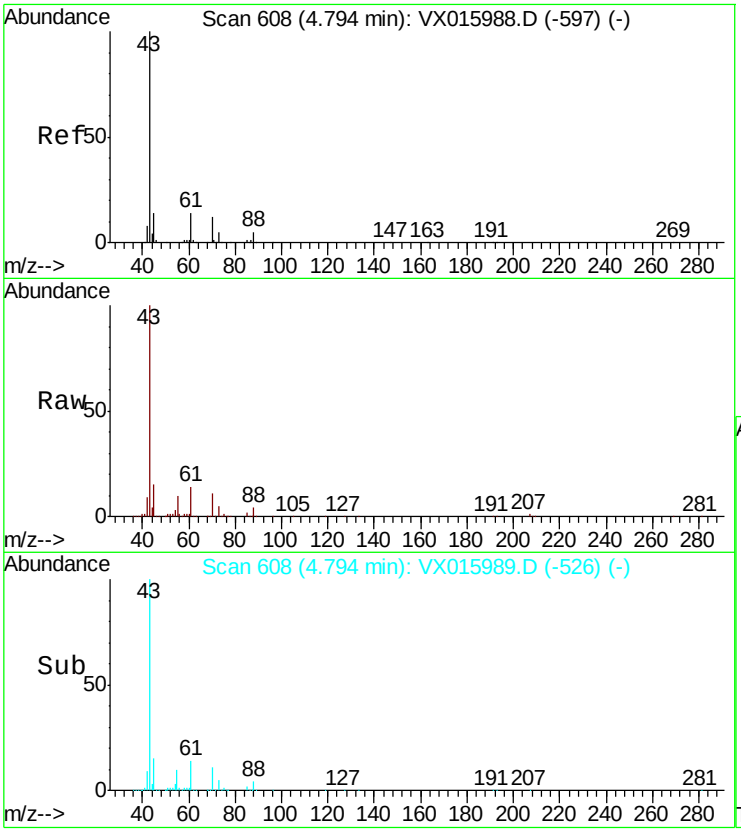




#42
Vinyl Acetate
Concen: 244.279 ug/l
RT: 3.79 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 43 Resp: 2160476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 9.6 | 7.7 | 11.5 |



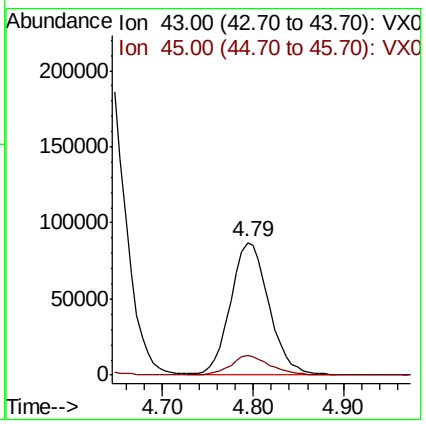


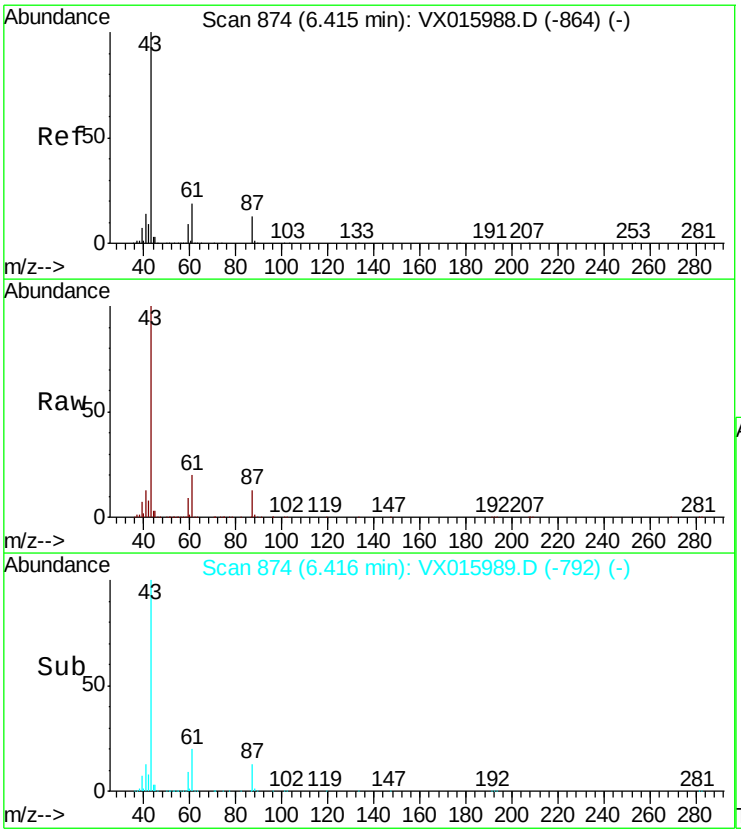

#43
Ethyl Acetate
Concen: 47.109 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 43 Resp: 253437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 15.3 | 11.9 | 17.9 |

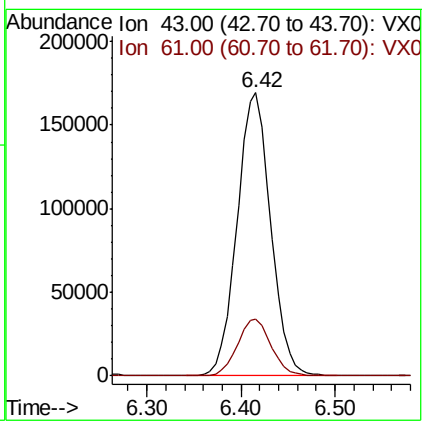


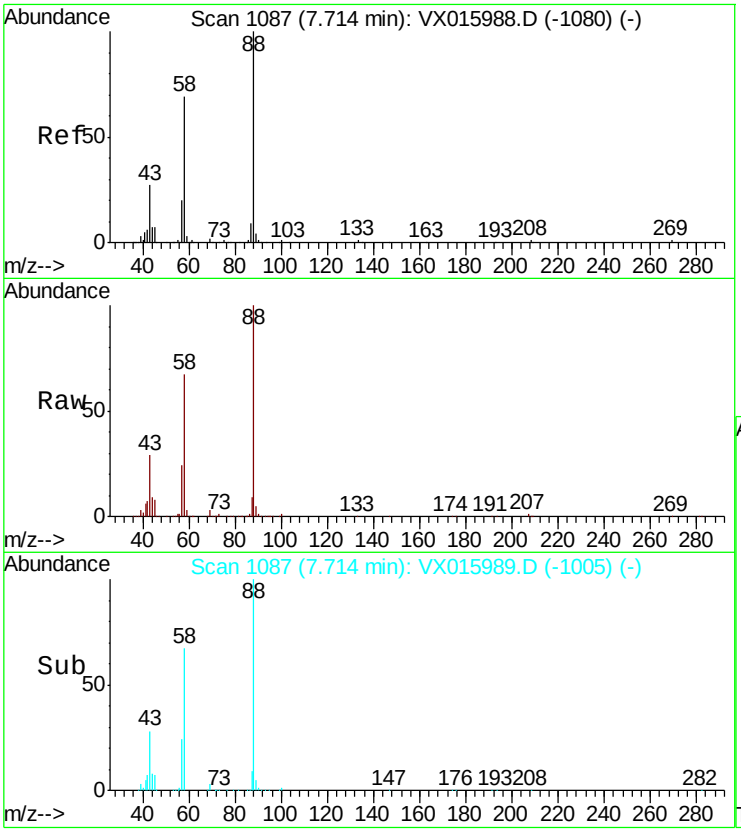




#44
Isopropyl Acetate
Concen: 49.659 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 43 Resp: 419253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.3 | 16.1 | 24.1 |



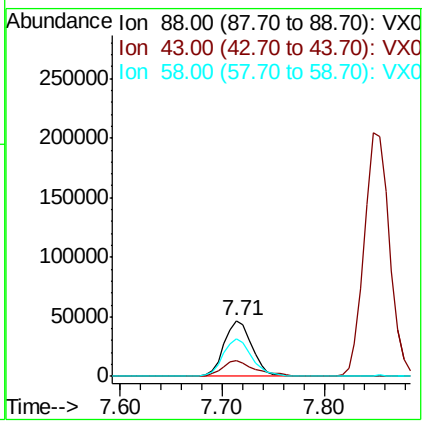


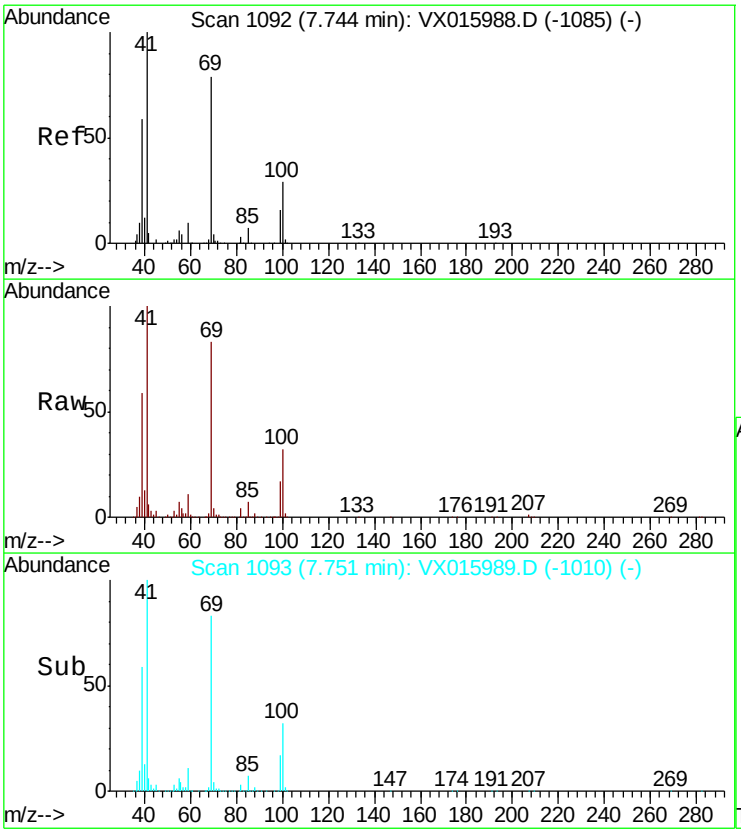

#45
1,4-Dioxane
Concen: 1087.366 ug/l
RT: 7.71 min  Scan# 1087
Delta R.T.  0.00 min
Lab File:  VX015989.D
Acq: 30 Apr 2020  11:17

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

Tgt Ion: 88 Resp:  88596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 33.1 | 26.3 | 39.5 |
| 58 | 68.9 | 57.0 | 85.6 |

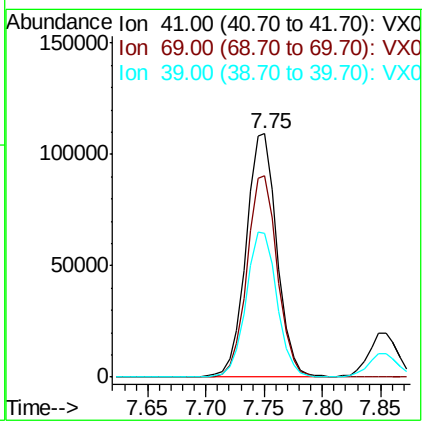


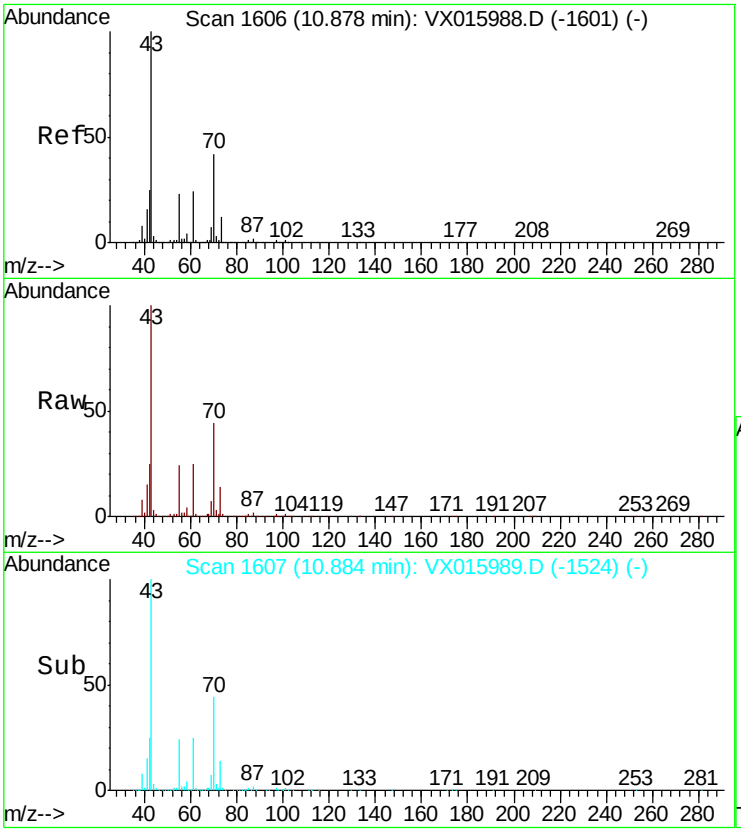




#46
Methyl methacrylate
Concen:  48.437 ug/l
RT: 7.75 min  Scan# 1093
Delta R.T.  0.01 min
Lab File:  VX015989.D
Acq: 30 Apr 2020  11:17

Tgt Ion: 41 Resp:  200041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 82.9 | 39.5 | 118.5 |
| 39 | 59.1 | 29.6 | 88.9 |



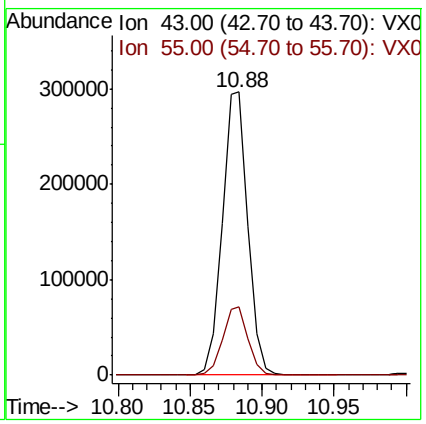


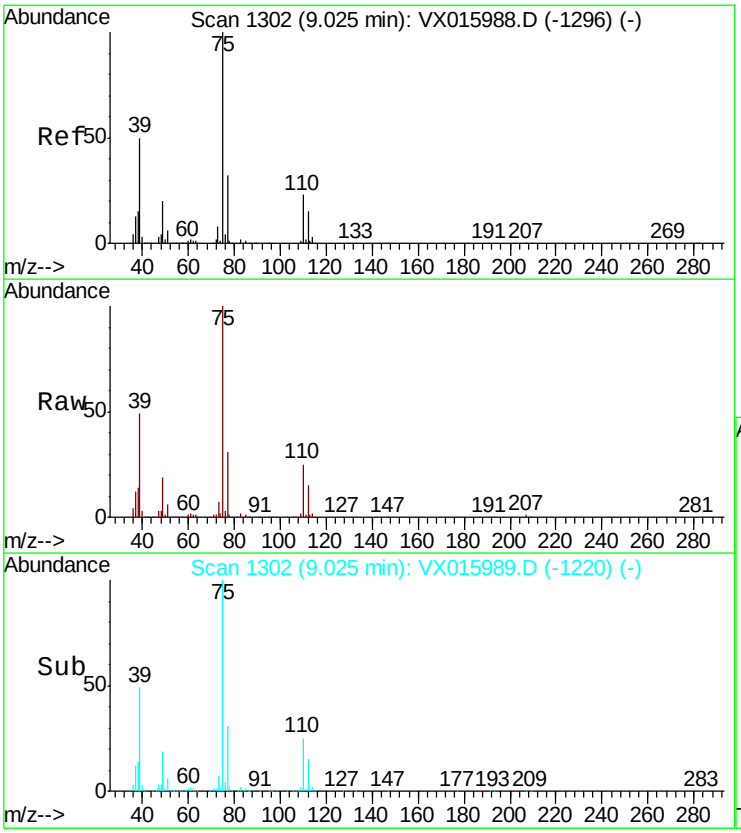

#47
n-amyl Acetate
Concen: 50.303 ug/l
RT: 10.88 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 43 Resp: 369081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 55 | 23.9 | 19.0 | 28.4 |

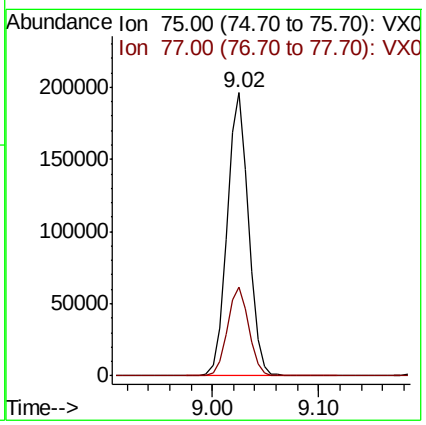


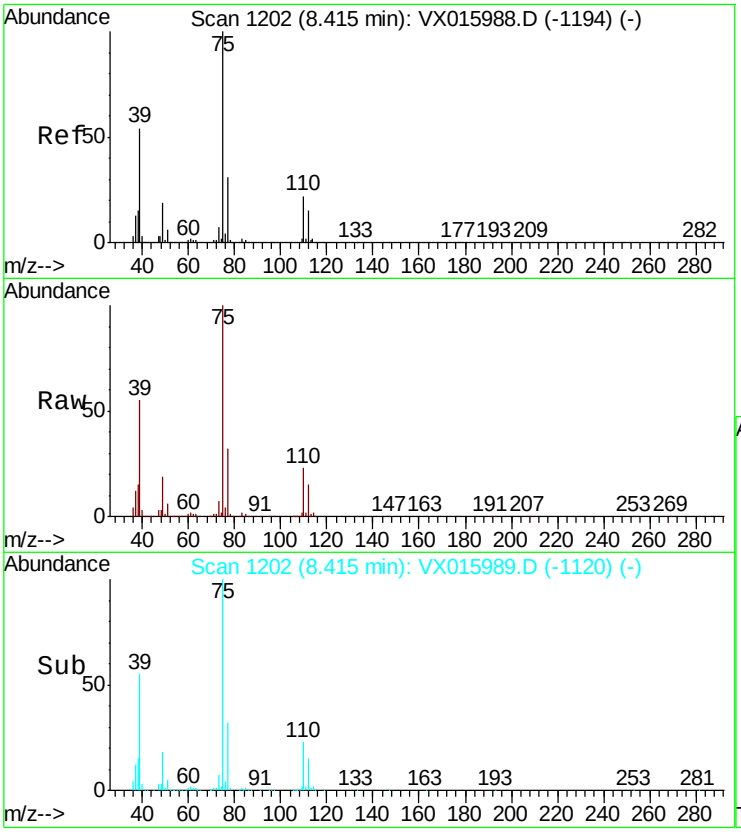




#48
t-1,3-Dichloropropene
Concen: 51.812 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 75 Resp: 275431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.3 | 25.8 | 38.8 |



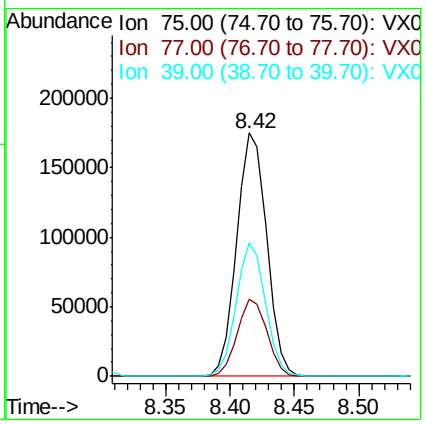


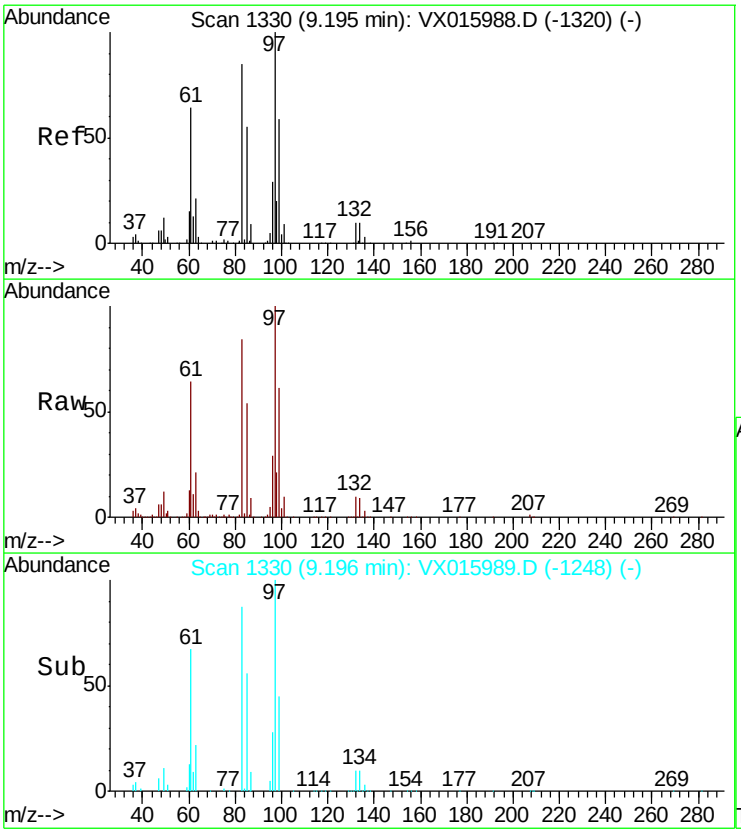

#49
cis-1,3-Dichloropropene
Concen: 51.345 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 75 Resp: 282108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.8 | 25.0 | 37.6 |
| 39 | 54.9 | 43.2 | 64.8 |

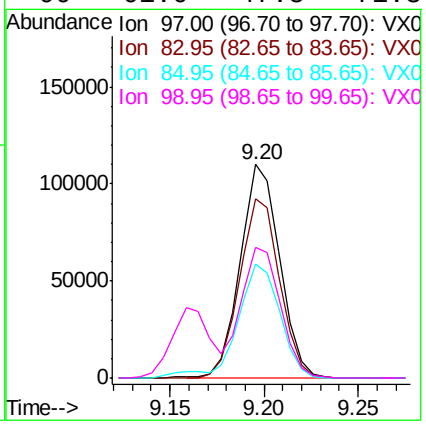


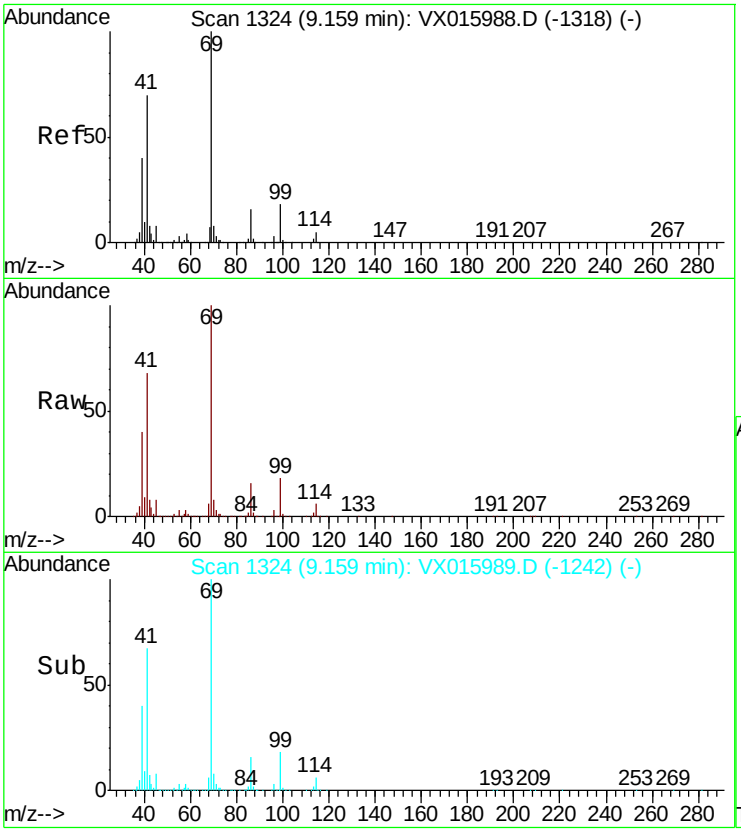




#50
1,1,2-Trichloroethane
Concen: 51.612 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 97 Resp: 158822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 83.9 | 67.7 | 101.5 |
| 85 | 53.6 | 43.7 | 65.5 |
| 99 | 61.0 | 47.5 | 71.3 |



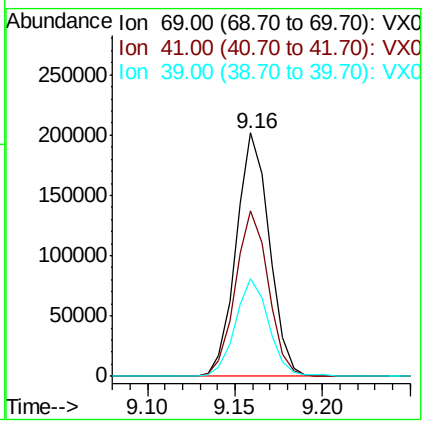


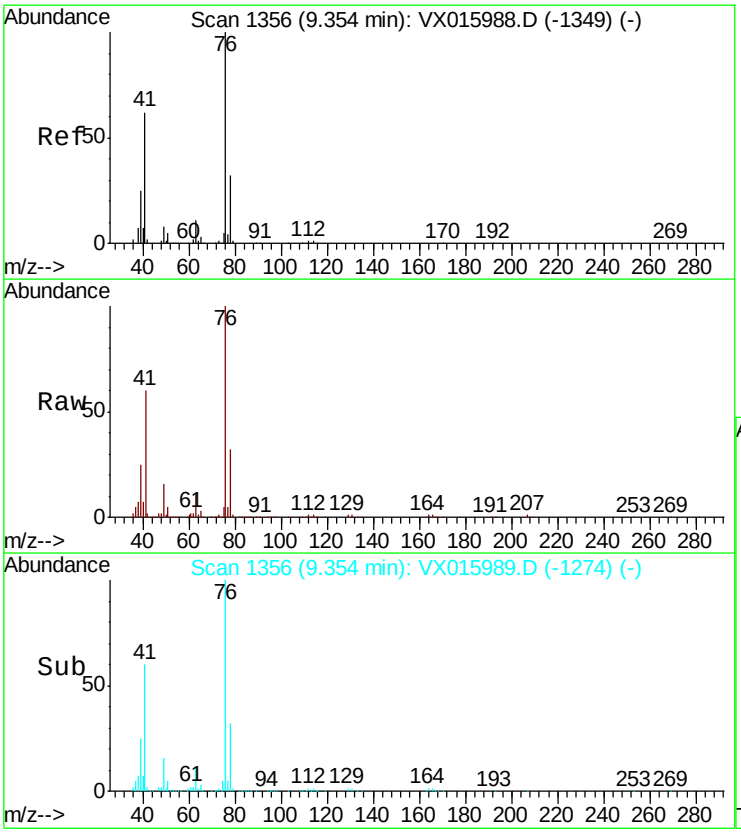

#51
Ethyl methacrylate
Concen: 51.239 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 69 Resp: 266270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 67.7 | 34.8 | 104.4 |
| 39 | 39.8 | 19.8 | 59.4 |

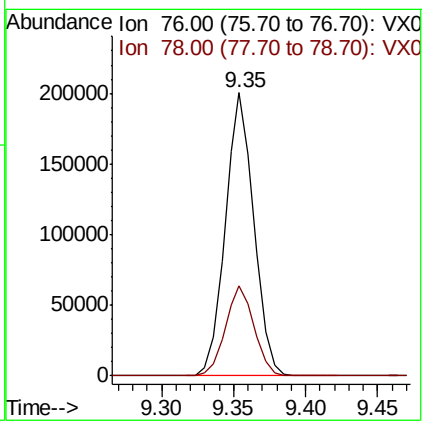


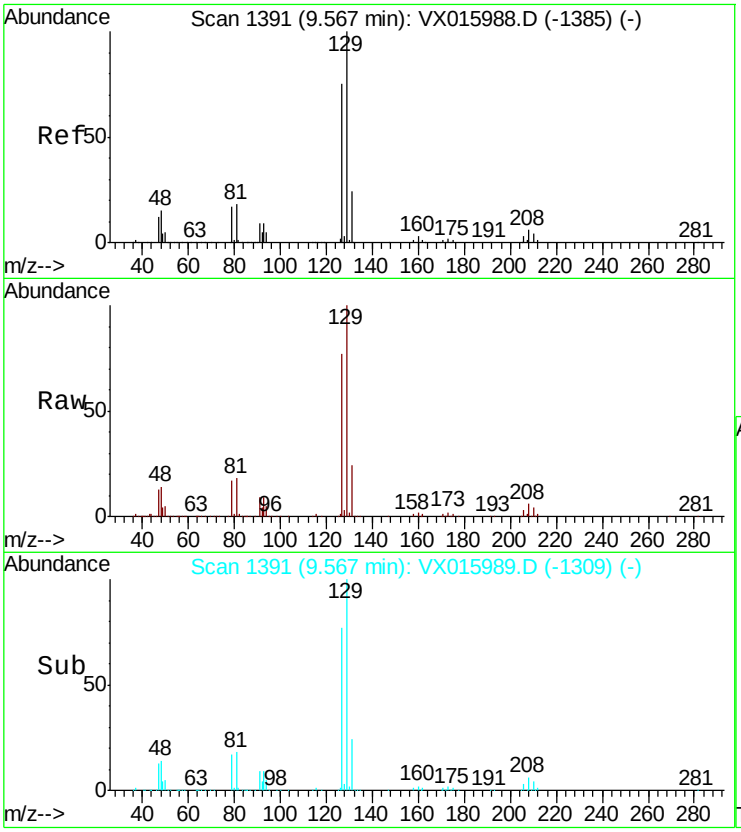




#52
1,3-Dichloropropane
Concen: 52.134 ug/l
RT: 9.35 min Scan# 1356
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 76 Resp: 277420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.1 | 0.0 | 64.2 |



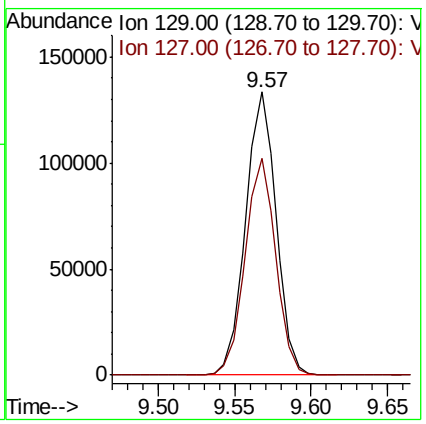


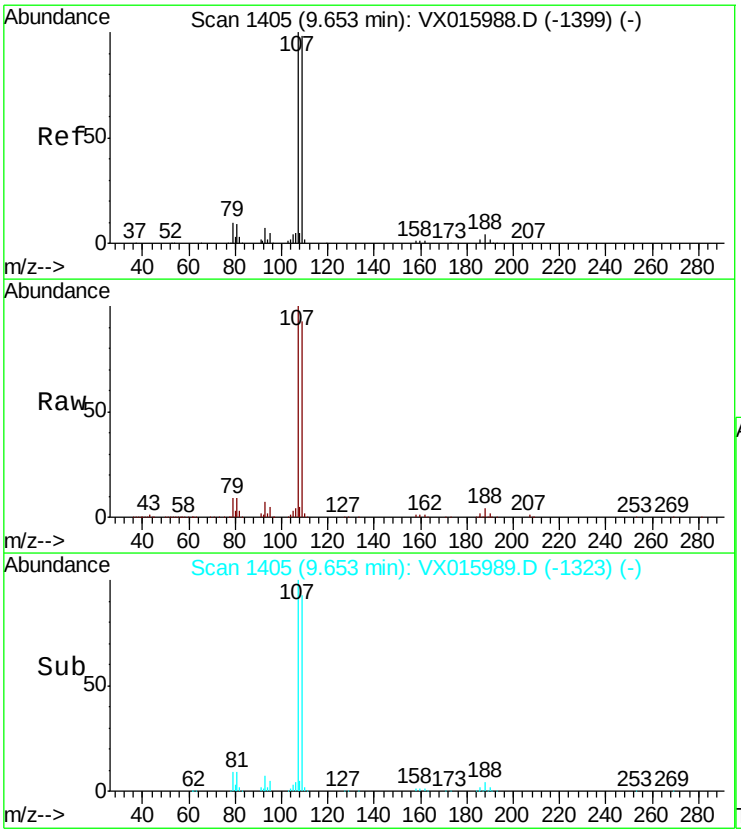

#53
Dibromochloromethane
Concen: 50.336 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion:129 Resp: 185605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.7 | 38.3 | 114.9 |

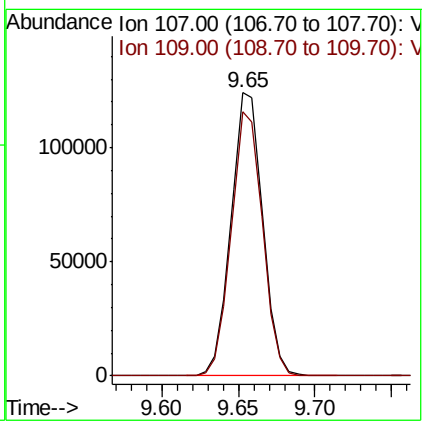


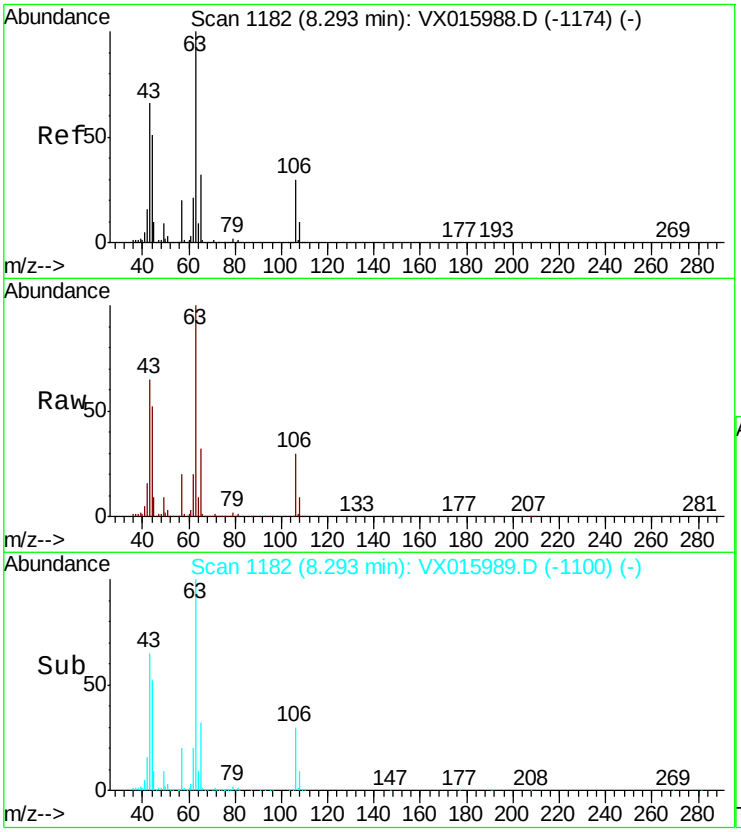




#54
1,2-Dibromoethane
Concen: 53.203 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion:107 Resp: 177481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 92.8 | 74.7 | 112.1 |



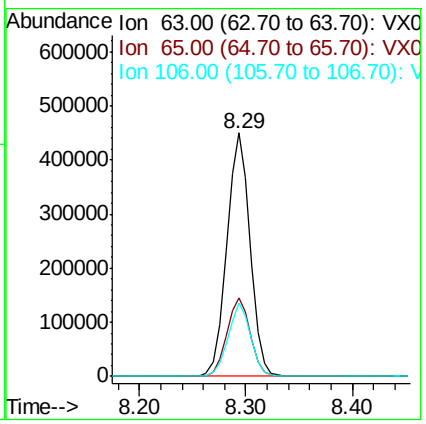


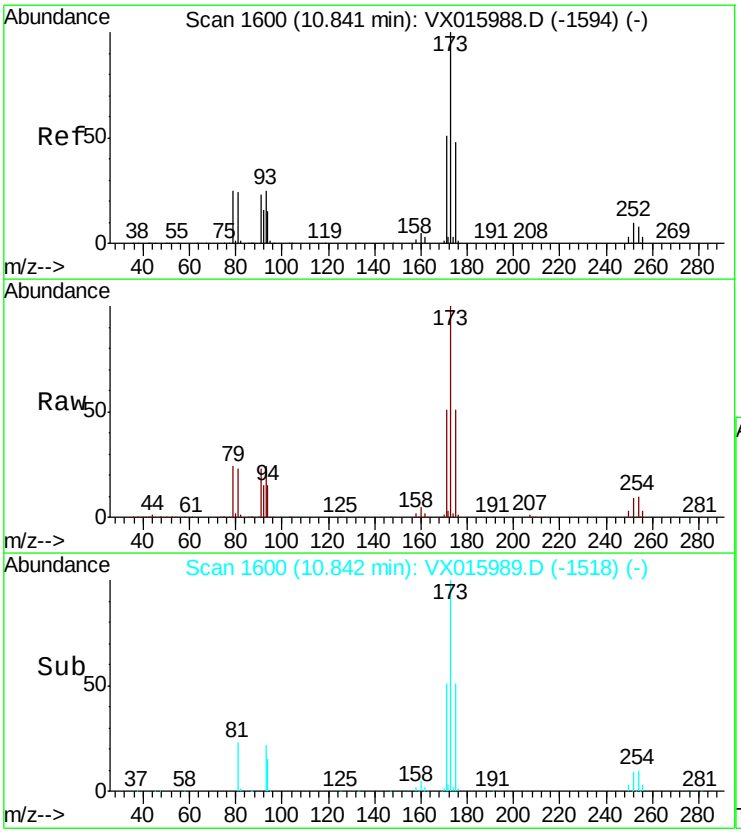

#55
2-Chloroethyl vinyl ether
Concen: 270.389 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 63 Resp: 686708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.3 | 25.6 | 38.4 |
| 106 | 29.4 | 23.4 | 35.0 |

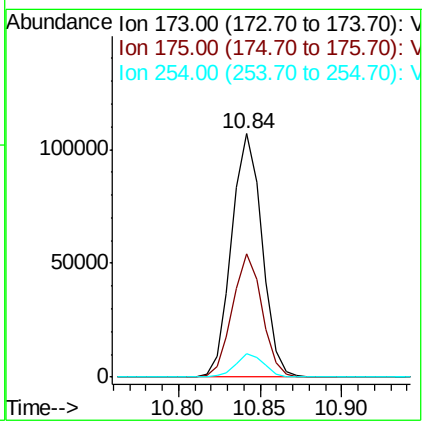


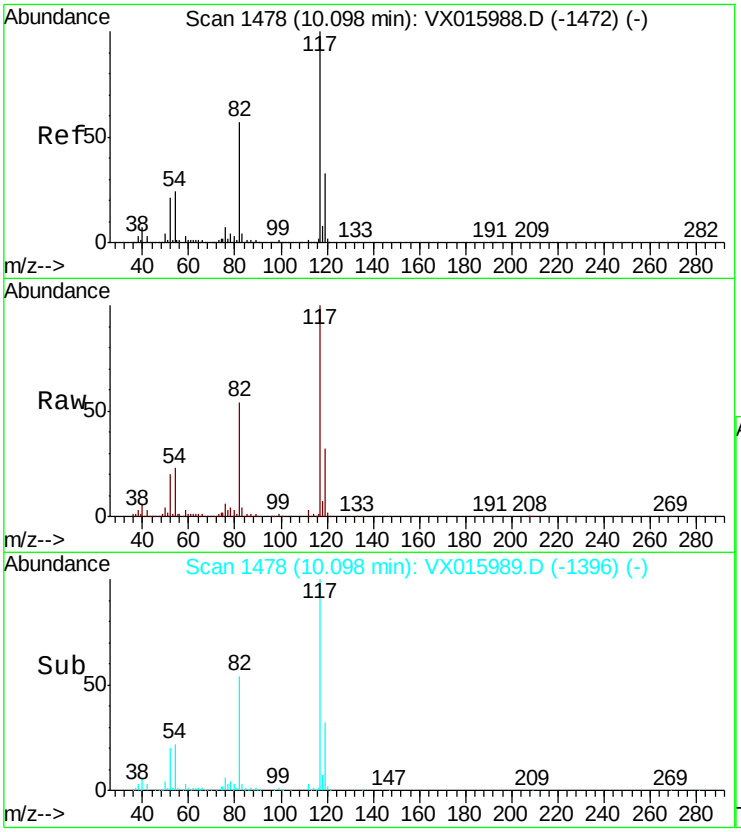




#56
Bromoform
Concen: 47.480 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion:173 Resp: 139222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.3 | 38.0 | 57.0 |
| 254 | 9.3 | 6.8 | 10.2 |



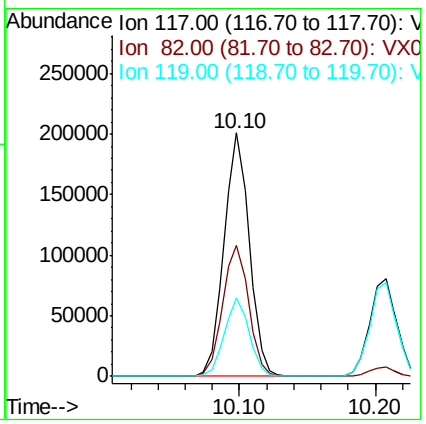


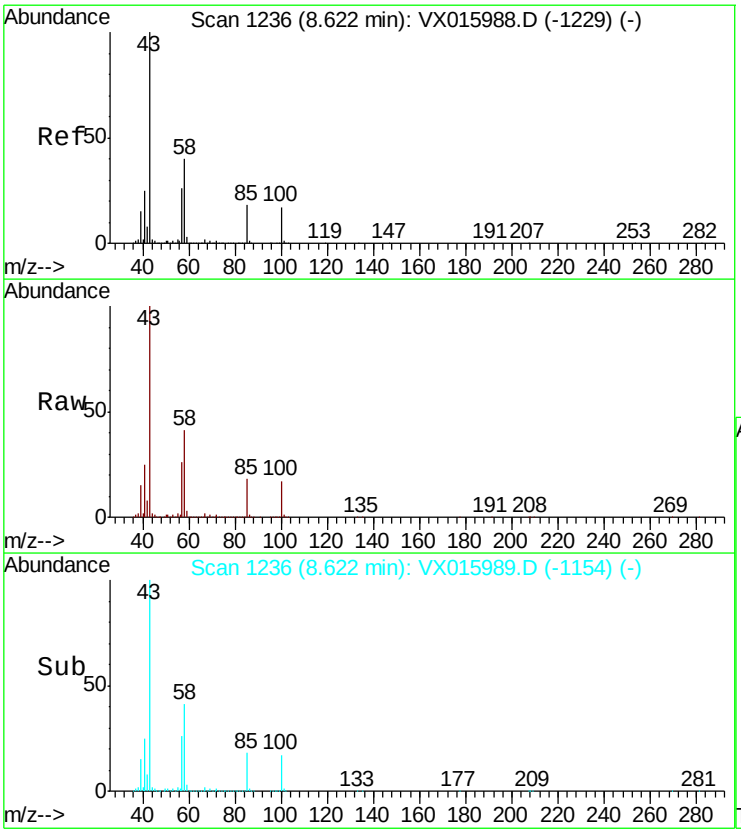

#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion:117 Resp: 258216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.5 | 45.1 | 67.7 |
| 119 | 32.1 | 25.6 | 38.4 |

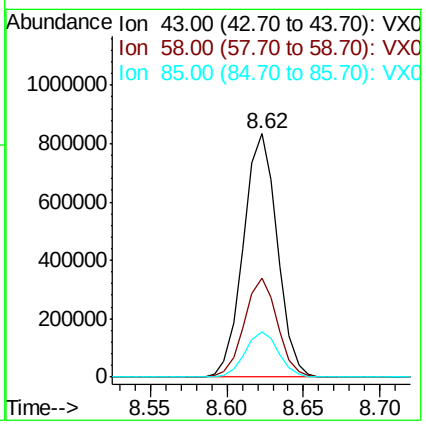


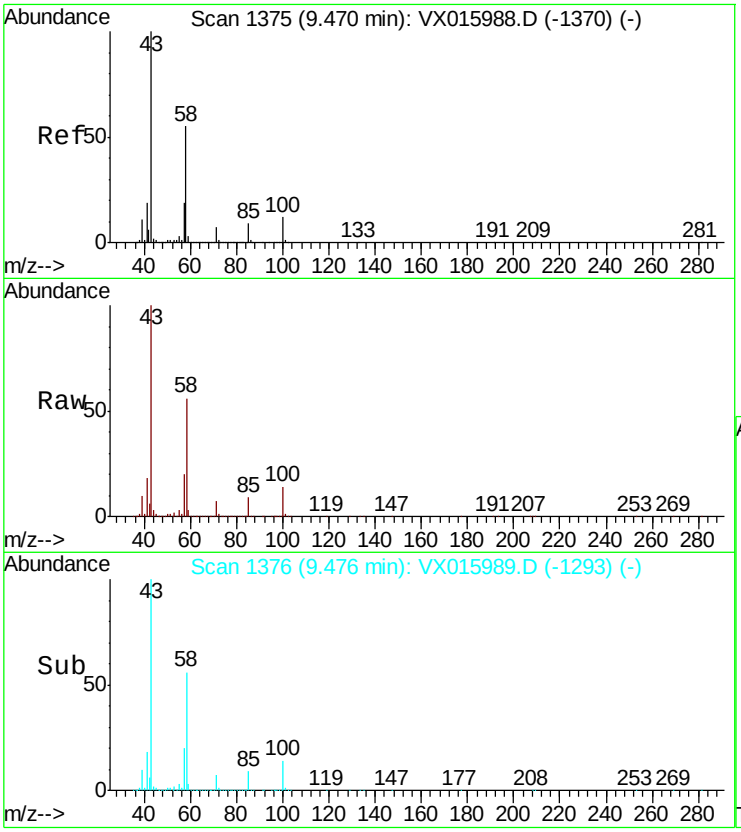




#58
4-Methyl-2-Pentanone
Concen: 261.347 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 43 Resp: 1283644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.9 | 31.8 | 47.6 |
| 85 | 18.2 | 14.5 | 21.7 |



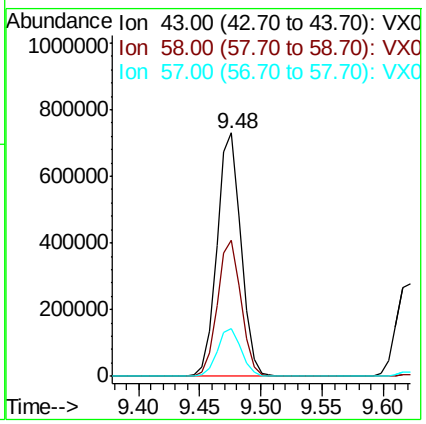


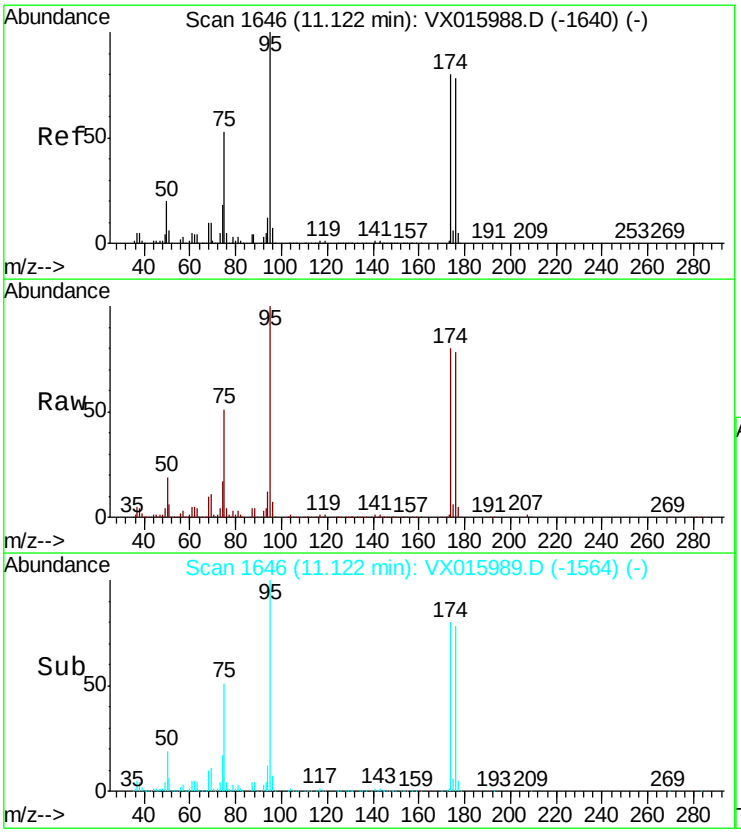

#59
2-Hexanone
Concen: 263.823 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 43 Resp: 992586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.3 | 44.0 | 66.0 |
| 57 | 19.7 | 15.5 | 23.3 |

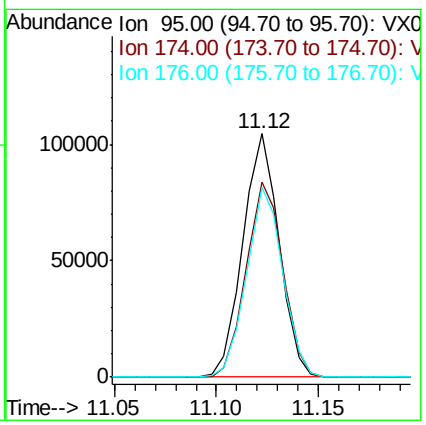


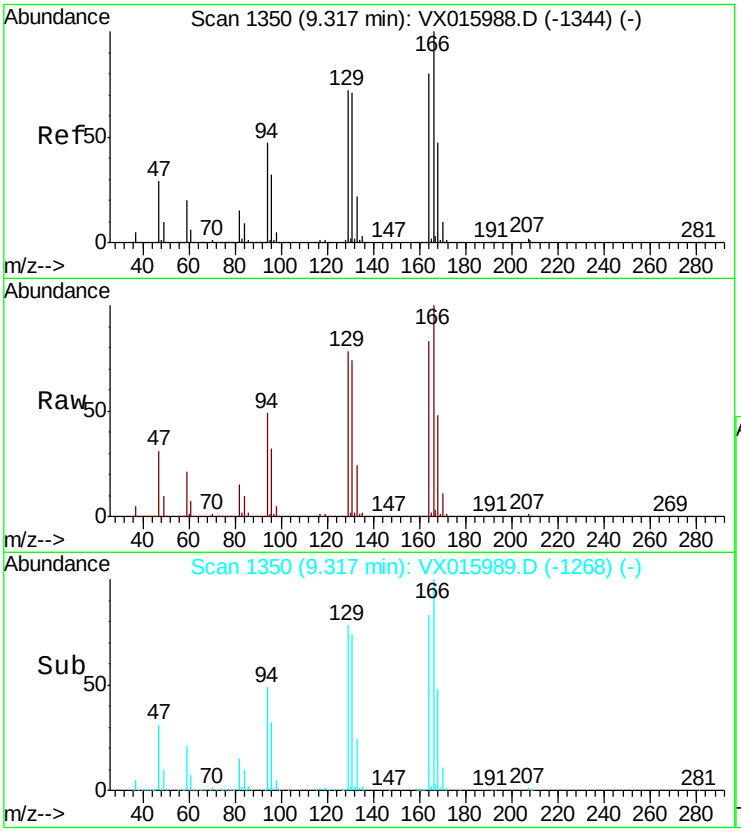




#60
4-Bromofluorobenzene
Concen: 29.527 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 95 Resp: 129097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 81.6 | 64.8 | 97.2 |
| 176 | 78.4 | 62.4 | 93.6 |



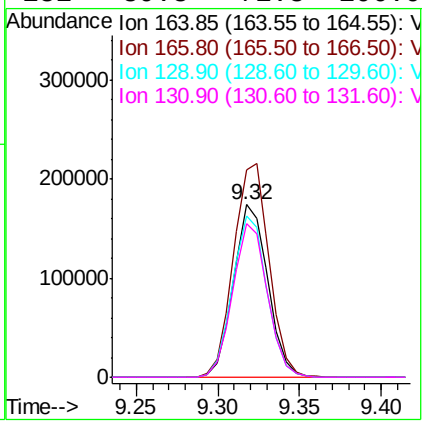


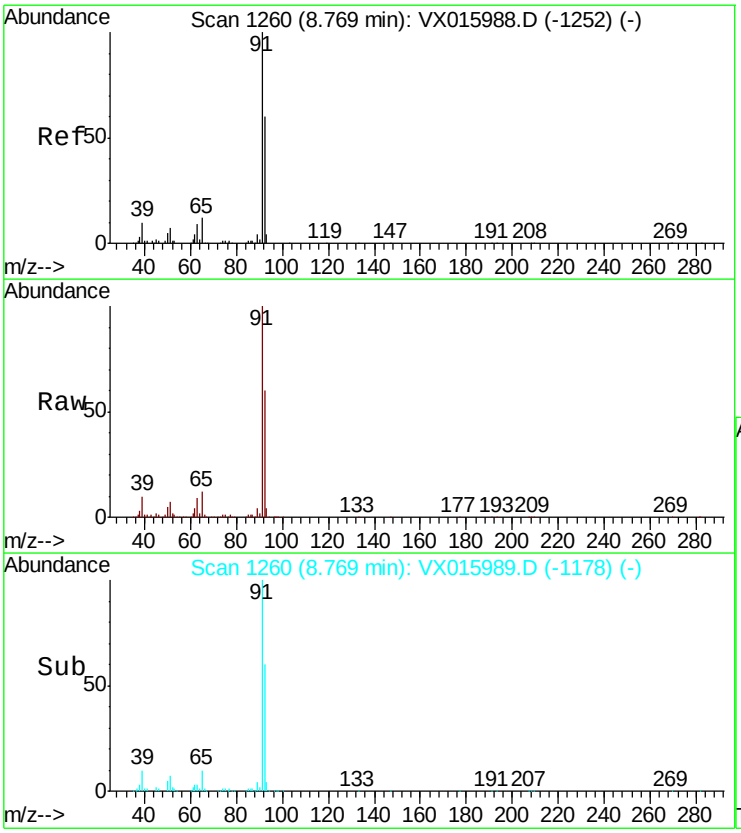

#61
Tetrachloroethene
Concen: 63.530 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion:164 Resp: 256070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 120.0 | 100.1 | 150.1 |
| 129 | 93.7 | 72.2 | 108.4 |
| 131 | 89.3 | 71.3 | 106.9 |

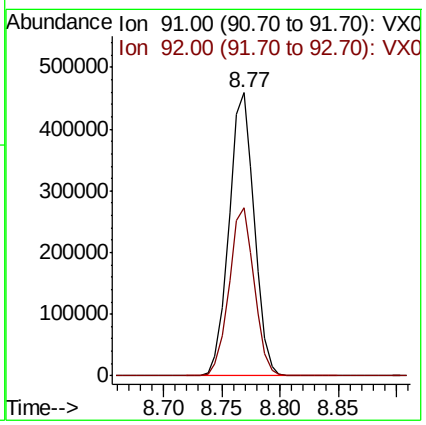


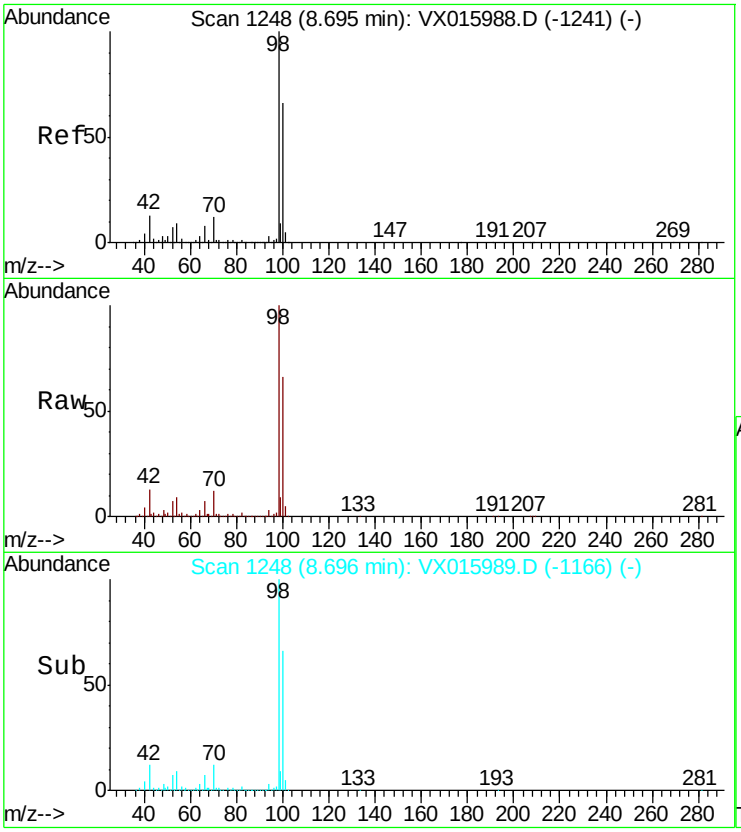




#62
Toluene
Concen: 52.327 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 91 Resp: 691563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 59.1 | 47.2 | 70.8 |



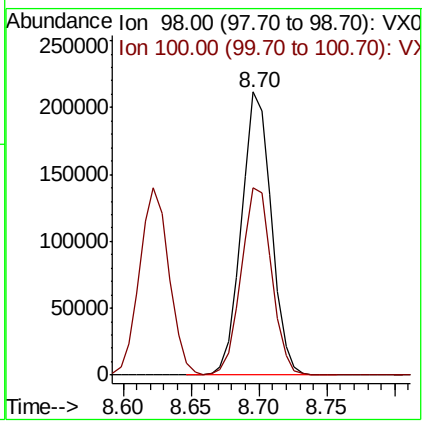


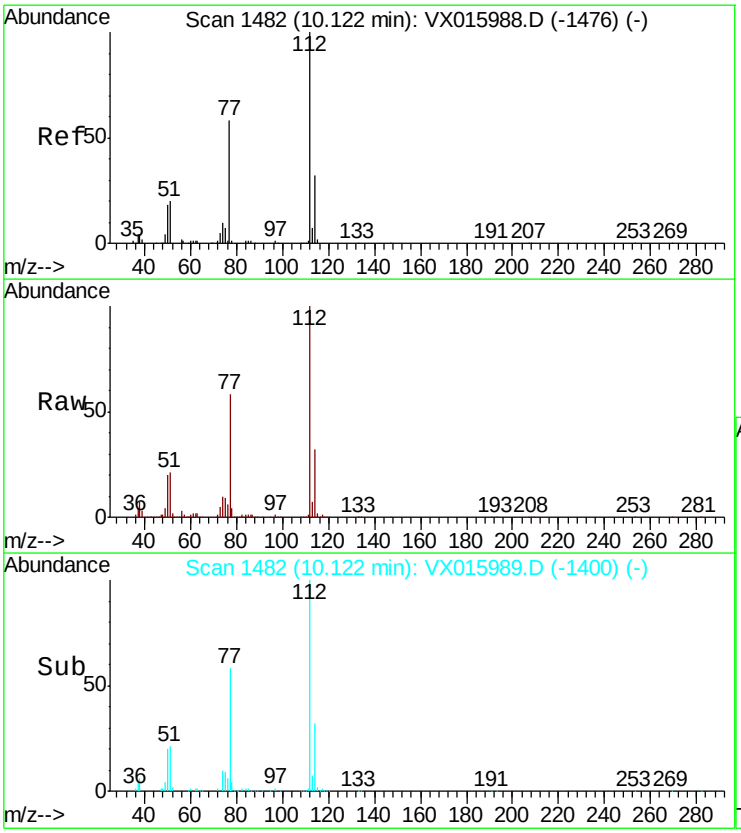

#63
Toluene-d8
Concen: 29.728 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 98 Resp: 326571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.5 | 52.5 | 78.7 |

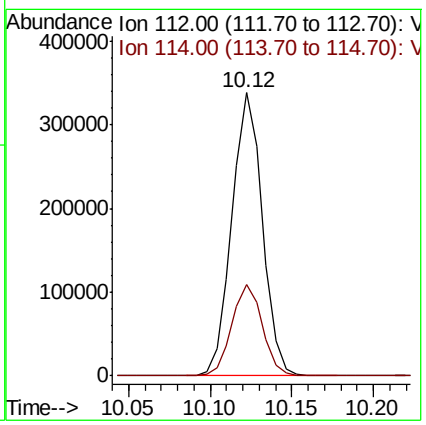


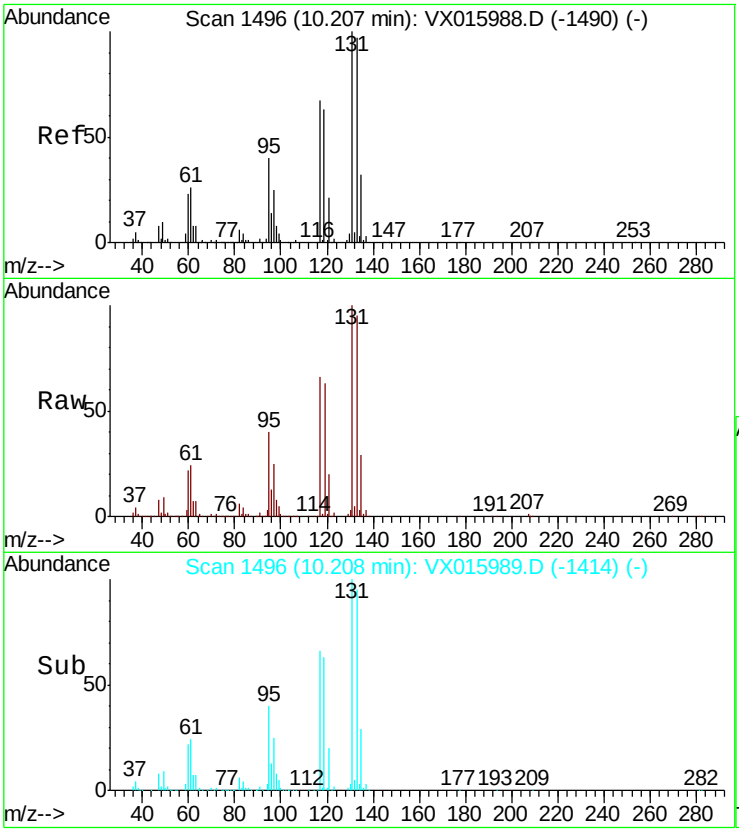




#64
Chlorobenzene
Concen: 51.804 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion:112 Resp: 440098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.1 | 25.8 | 38.6 |



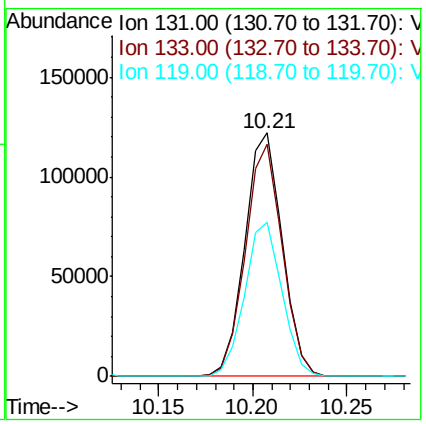


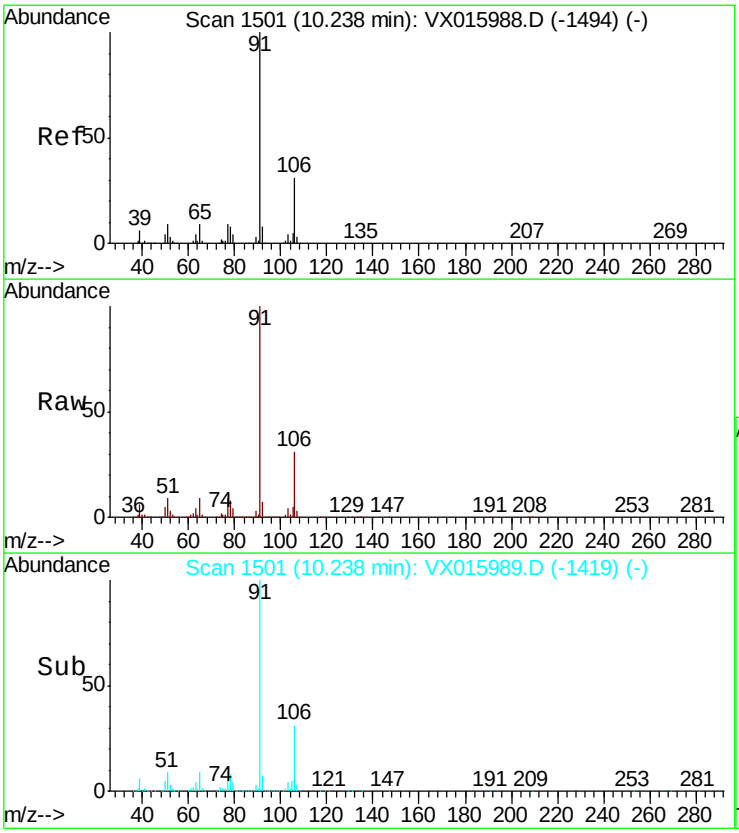

#65
1,1,1,2-Tetrachloroethane
Concen: 49.673 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion:131 Resp: 167951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 93.6 | 0.0 | 187.0 |
| 119 | 62.9 | 0.0 | 129.0 |

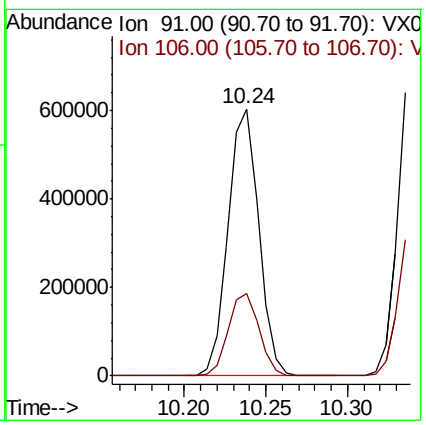


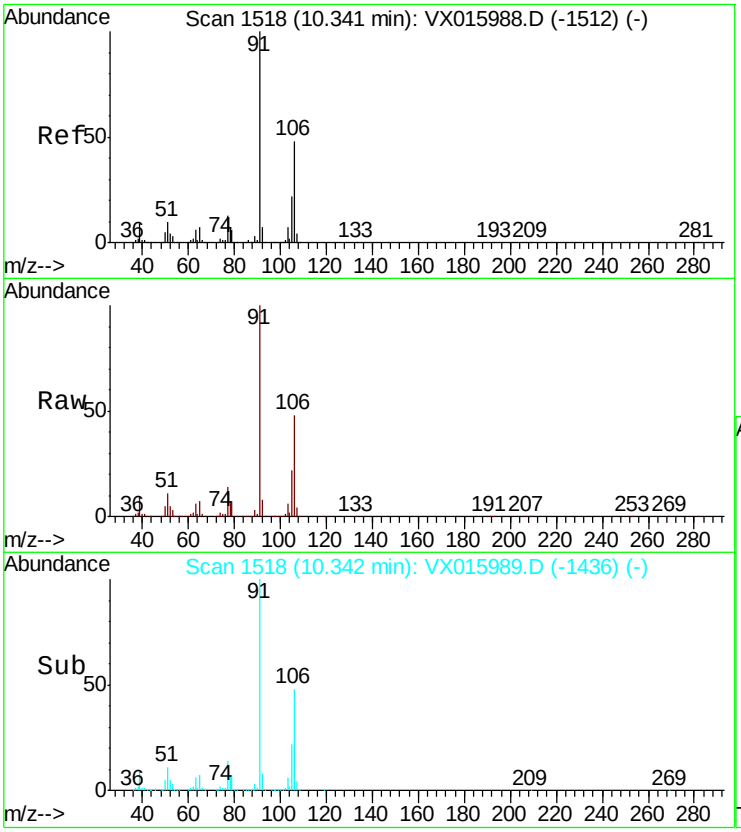




#66
Ethyl Benzene
Concen: 52.496 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 91 Resp: 789467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.0 | 24.8 | 37.2 |



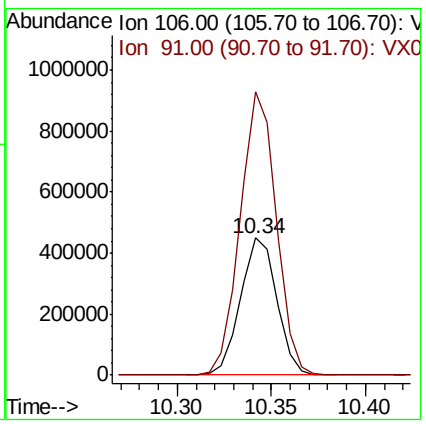


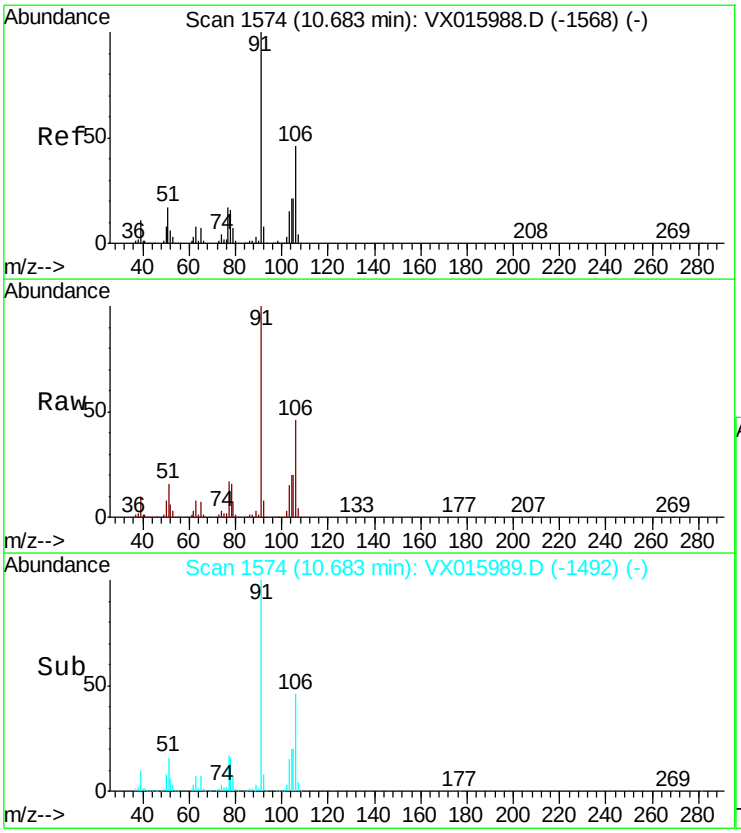

#67
m/p-Xylenes
Concen: 105.447 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion:106 Resp: 603606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 203.6 | 164.2 | 246.4 |

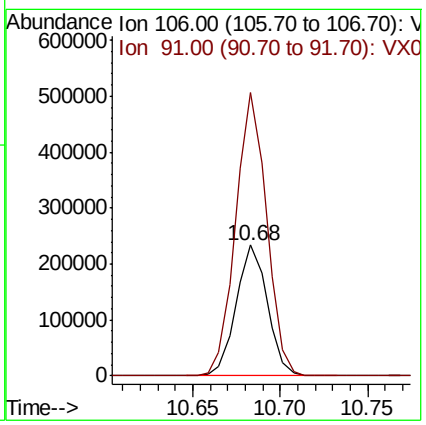


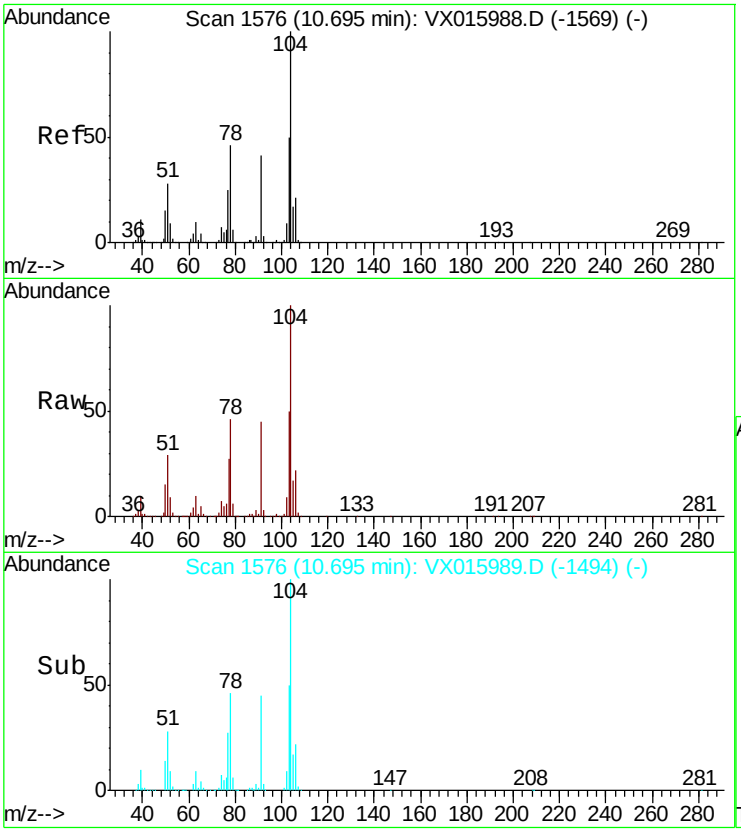




#68
o-Xylene
Concen: 52.330 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion:106 Resp: 290474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 214.6 | 108.3 | 325.0 |



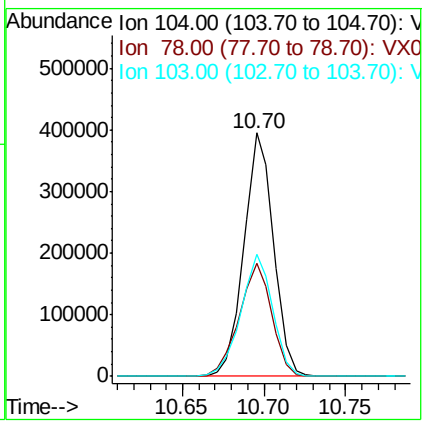


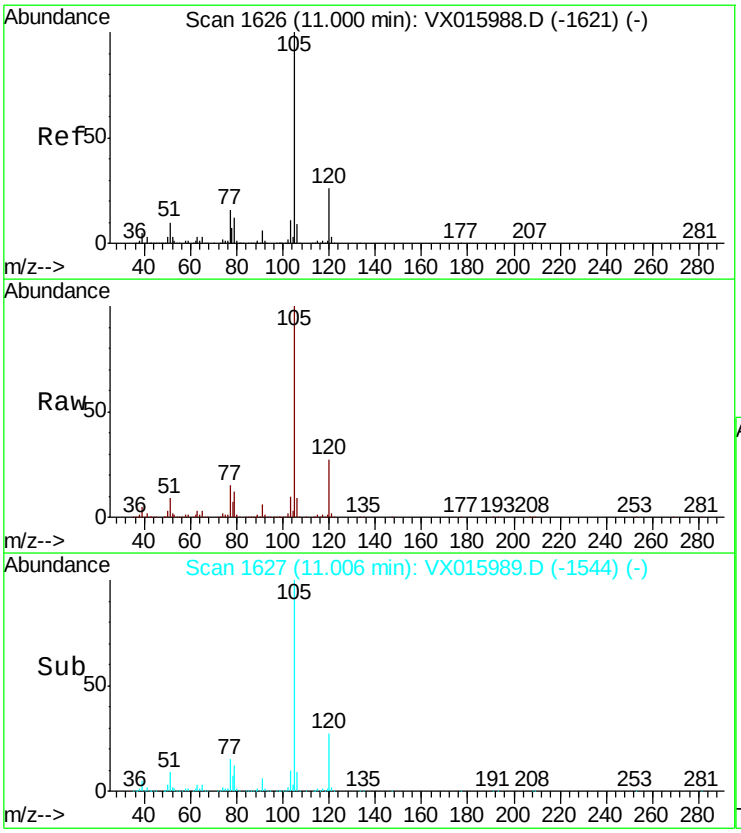

#69
Stvrene
Concen: 52.145 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion:104 Resp: 500363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 51.1 | 40.7 | 61.1 |
| 103 | 54.2 | 43.0 | 64.4 |

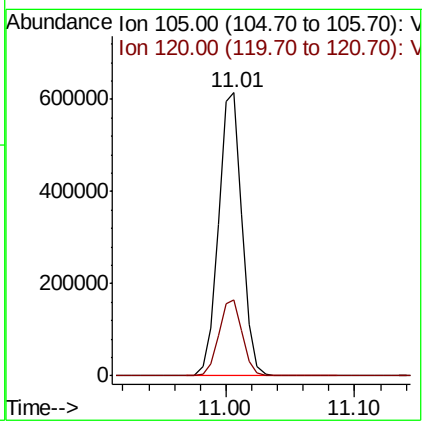


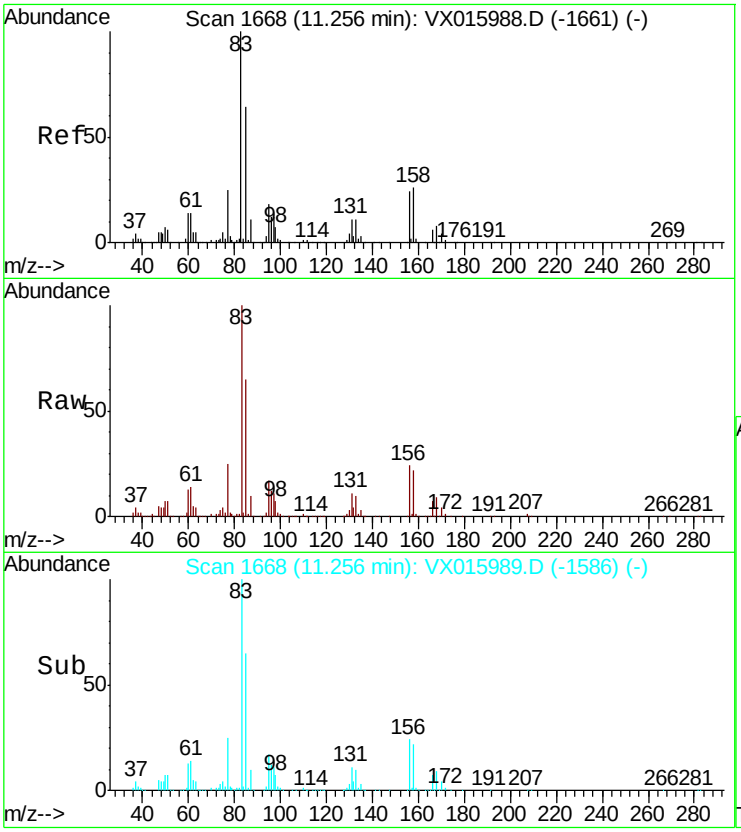




#70
Isopropylbenzene
Concen: 53.215 ug/l
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion:105 Resp: 788712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.6 | 18.6 | 34.5 |



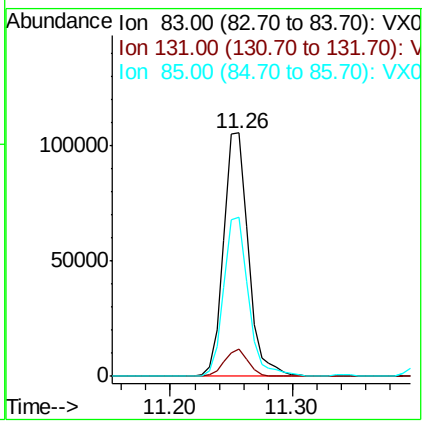


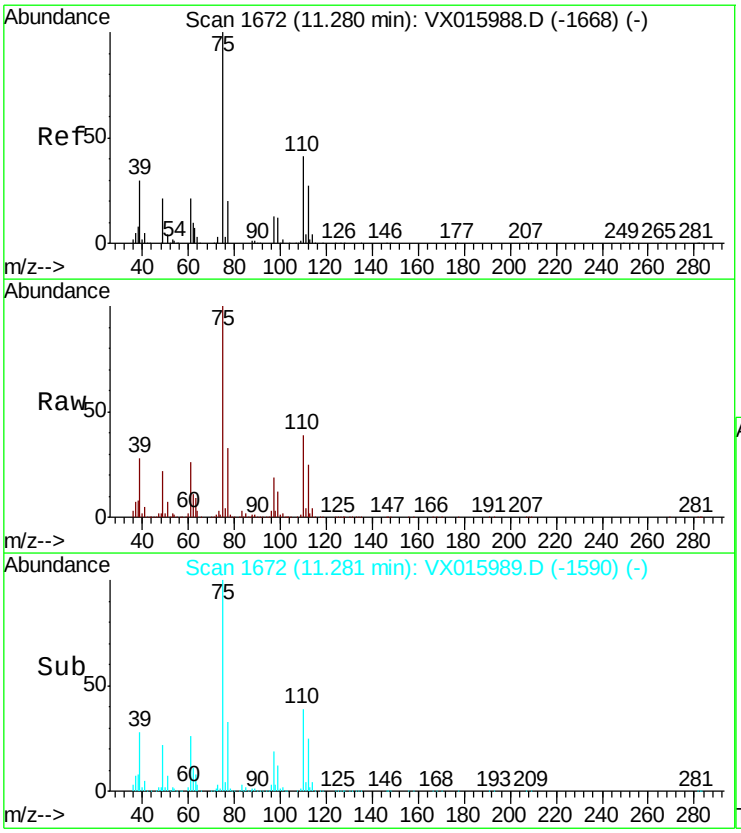

#71
1,1,2,2-Tetrachloroethane
Concen: 37.589 ug/l
RT: 11.26 min Scan# 1668
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 83 Resp: 147304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.7 | 5.2 | 15.6 |
| 85 | 65.1 | 33.0 | 98.9 |

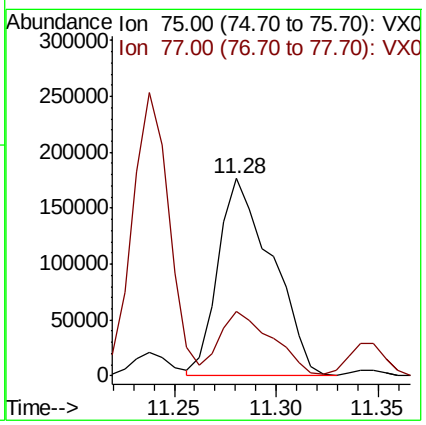


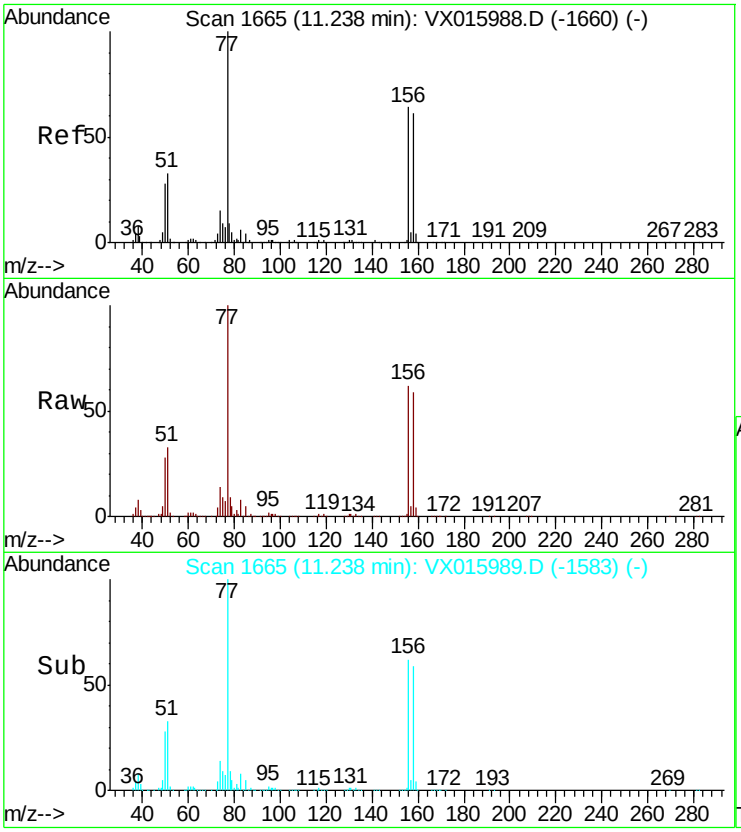




#72
1,2,3-Trichloropropane
Concen: 72.245 ug/l
RT: 11.28 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 75 Resp: 325743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 0.0 | 86.0 |



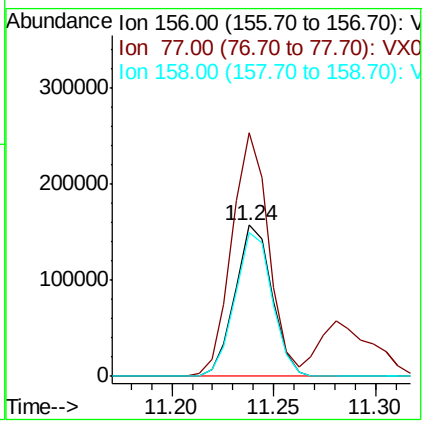


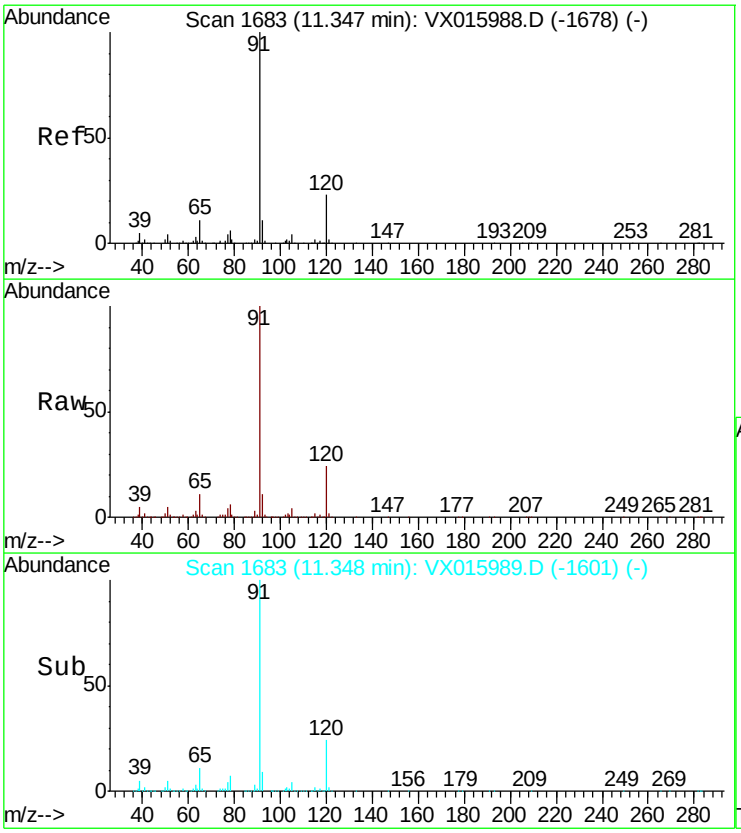

#73
Bromobenzene
Concen: 50.651 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion:156 Resp: 197932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 160.2 | 0.0 | 318.0 |
| 158 | 95.7 | 0.0 | 193.2 |

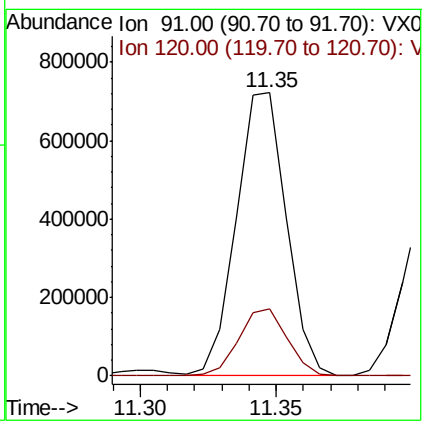


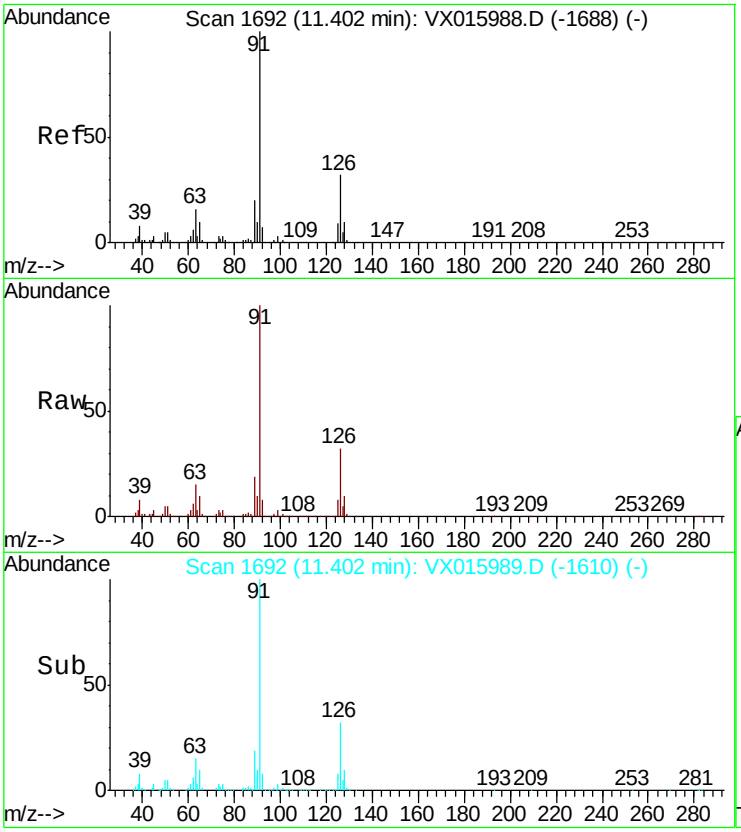




#74
n-propylbenzene
Concen: 53.992 ug/l
RT: 11.35 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 91 Resp: 920694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.0 | 0.0 | 45.4 |



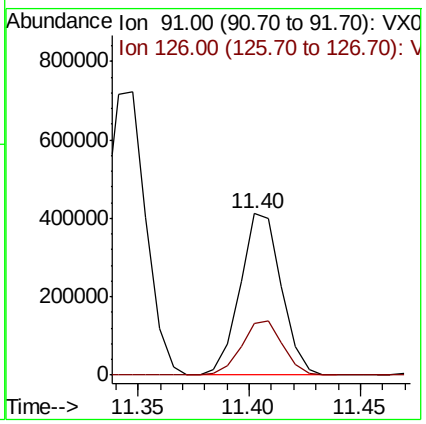


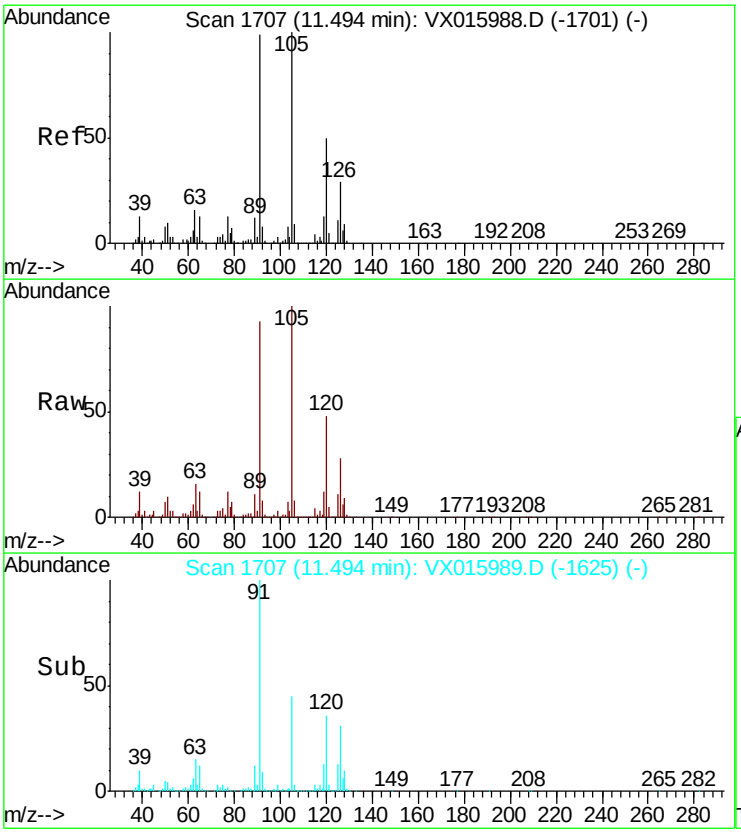

#75
2-Chlorotoluene
Concen: 52.179 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 91 Resp: 534782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.6 | 0.0 | 66.2 |

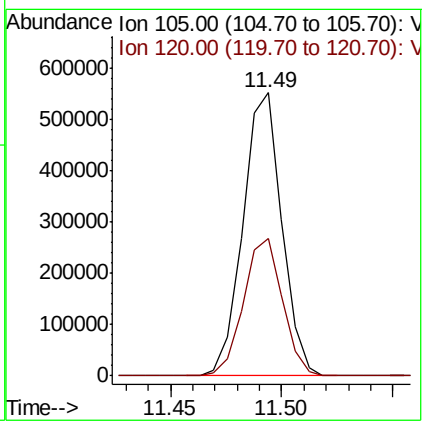


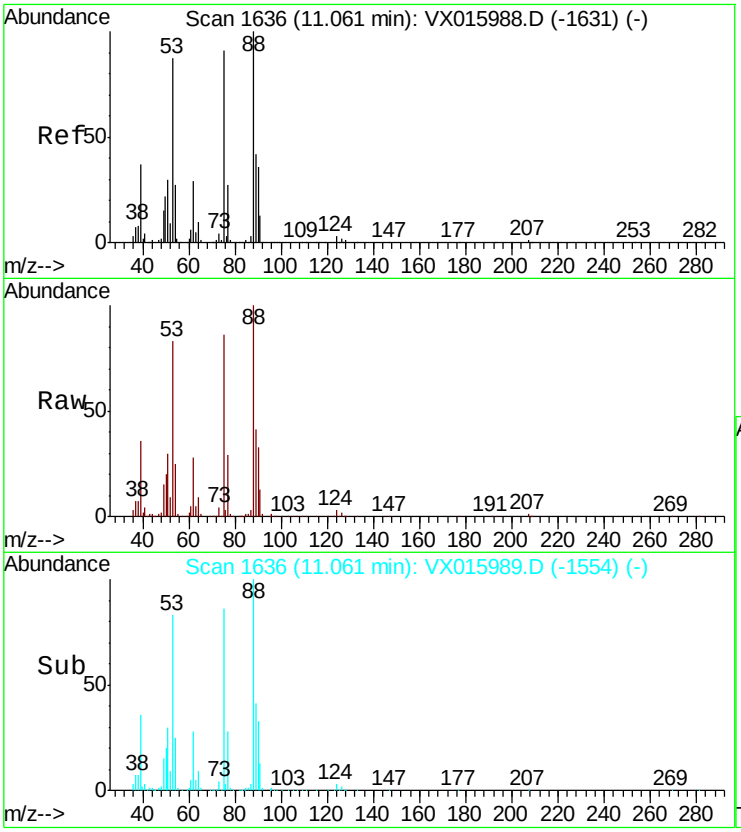




#76
1,3,5-Trimethylbenzene
Concen: 53.069 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion:105 Resp: 670683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.6 | 0.0 | 99.4 |



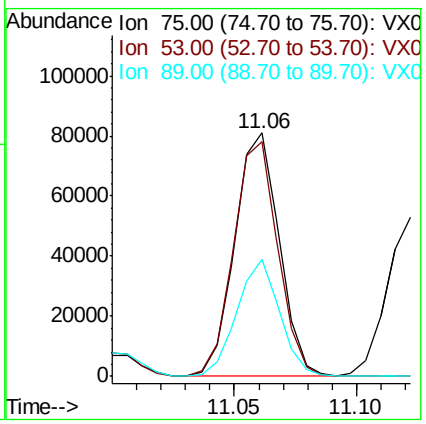


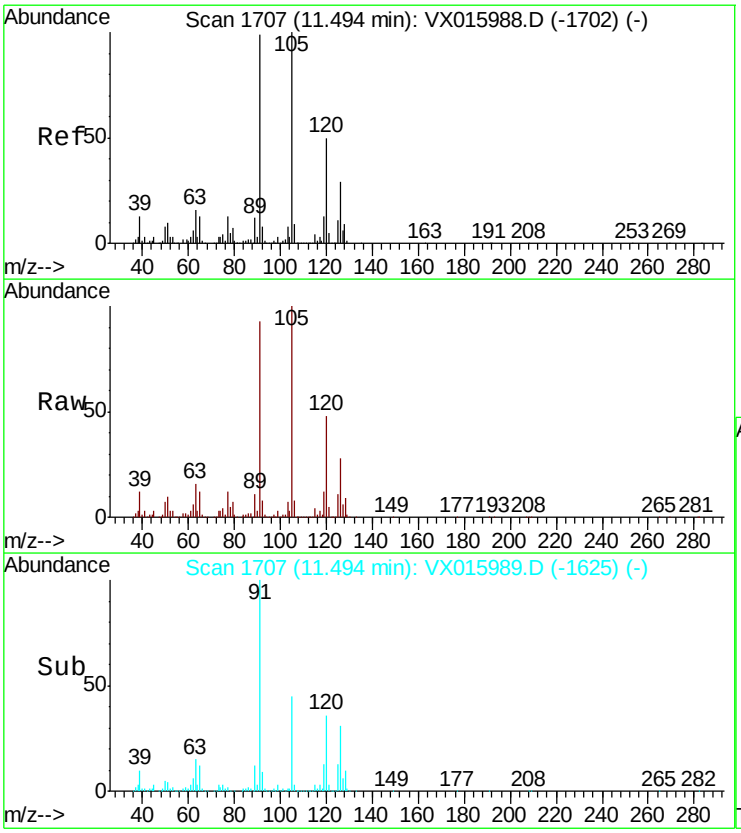

#77
t-1,4-Dichloro-2-butene
Concen: 52.702 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 75 Resp: 101916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 96.3 | 48.0 | 144.2 |
| 89 | 47.9 | 23.4 | 70.3 |

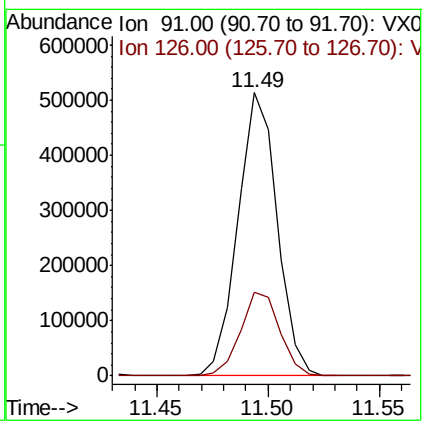


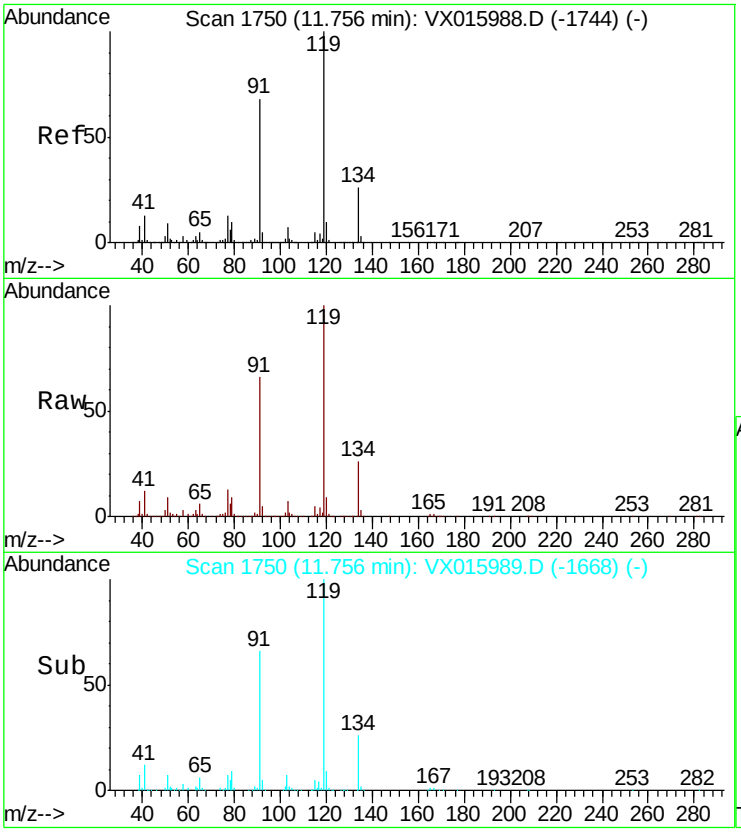




#78
4-Chlorotoluene
Concen: 52.922 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 91 Resp: 631830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.7 | 0.0 | 58.4 |



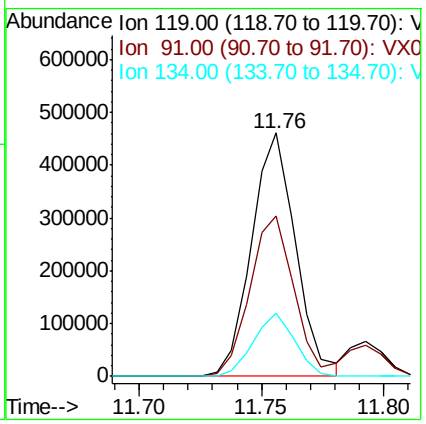


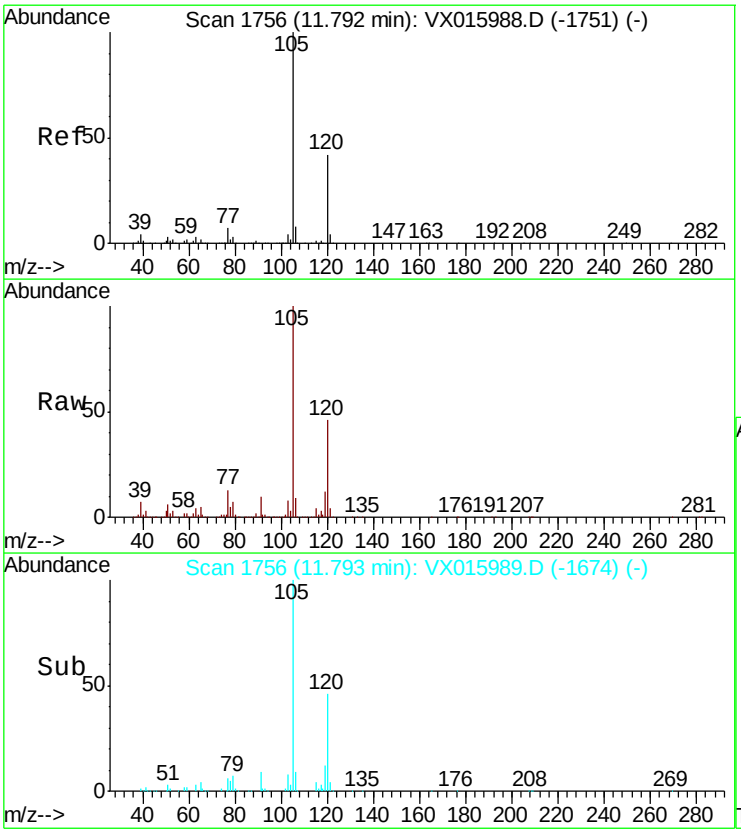

#79
tert-butylbenzene
Concen: 48.218 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion:119 Resp: 575869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 65.5 | 0.0 | 135.6 |
| 134 | 24.6 | 0.0 | 51.0 |

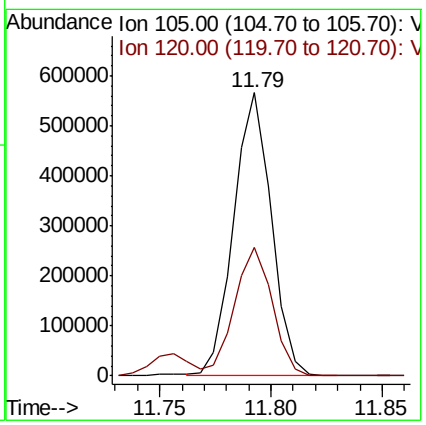


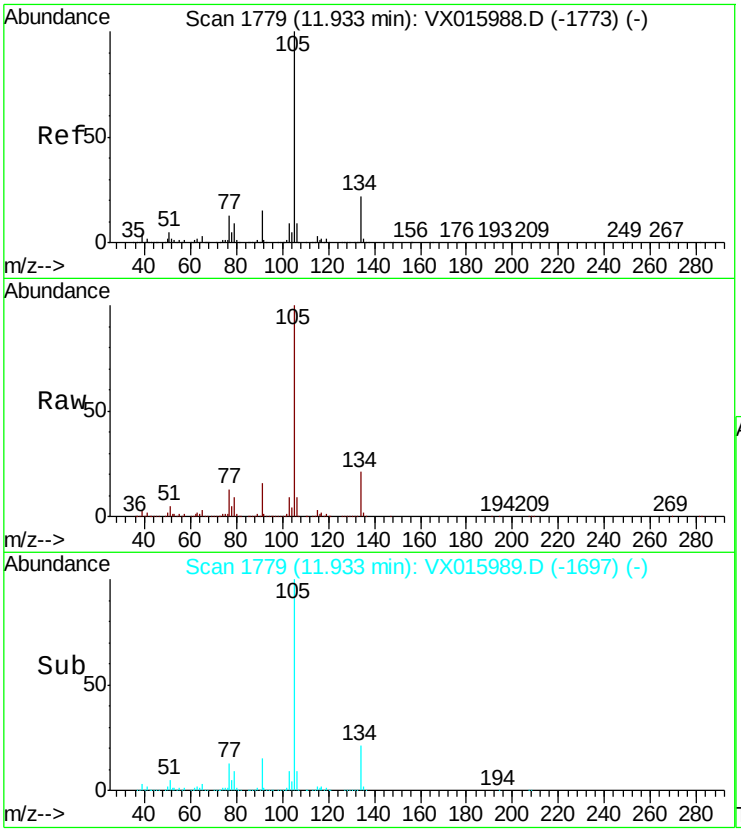




#80
1,2,4-Trimethylbenzene
Concen: 52.362 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion:105 Resp: 666531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.8 | 0.0 | 91.0 |



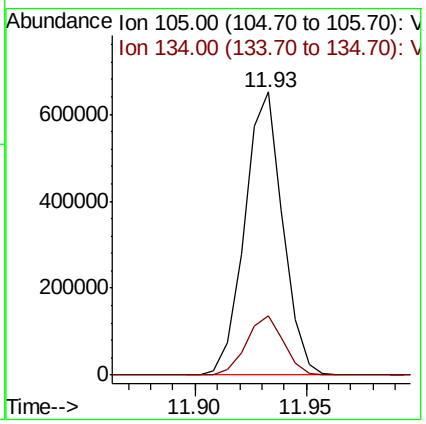


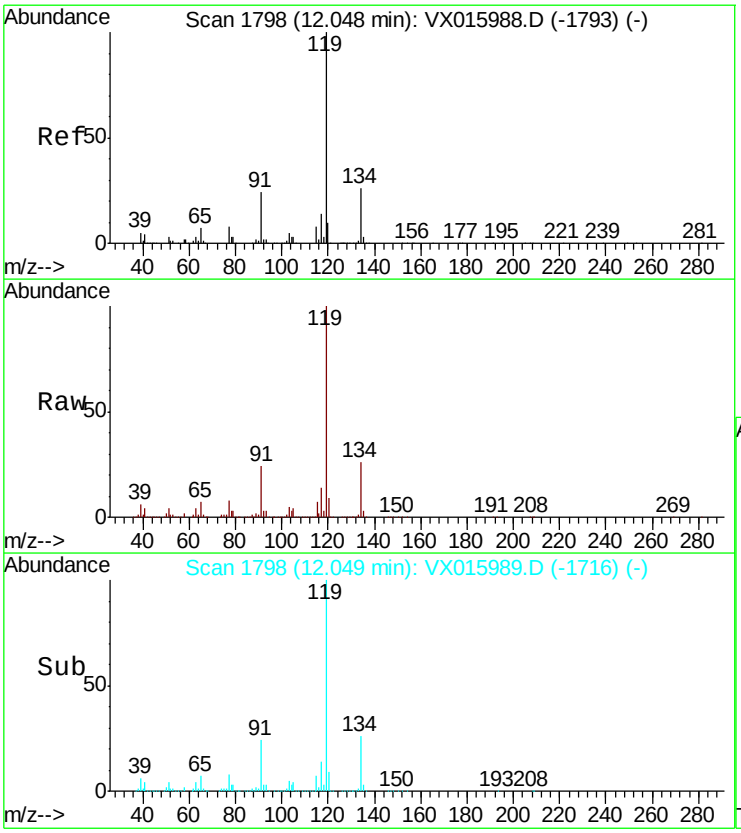

#81
sec-Butylbenzene
Concen: 53.404 ug/l
RT: 11.93 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion:105 Resp: 776399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.5 | 0.0 | 41.2 |

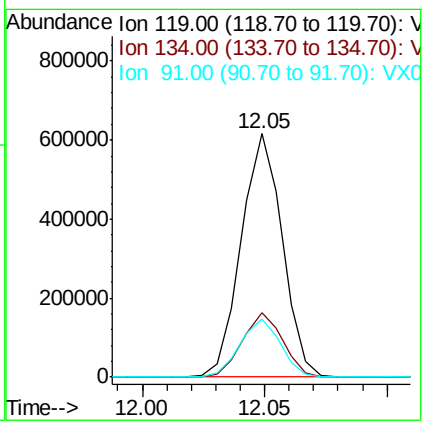


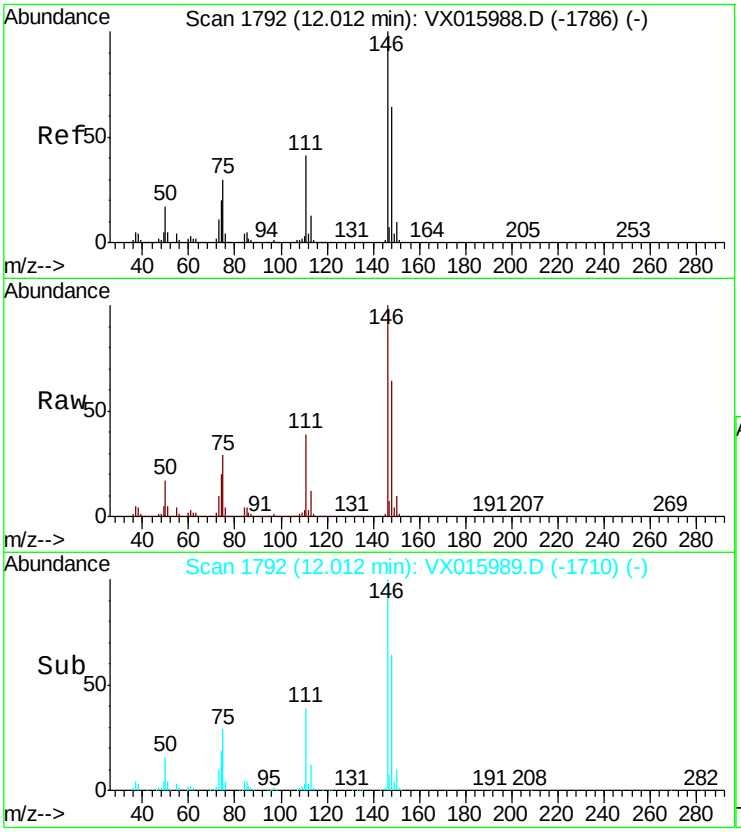




#82
p-Isopropyltoluene
Concen: 52.794 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion:119 Resp: 720240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.1 | 0.0 | 52.6 |
| 91 | 23.5 | 0.0 | 47.6 |



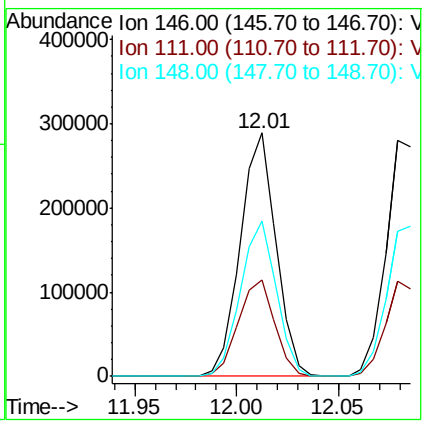


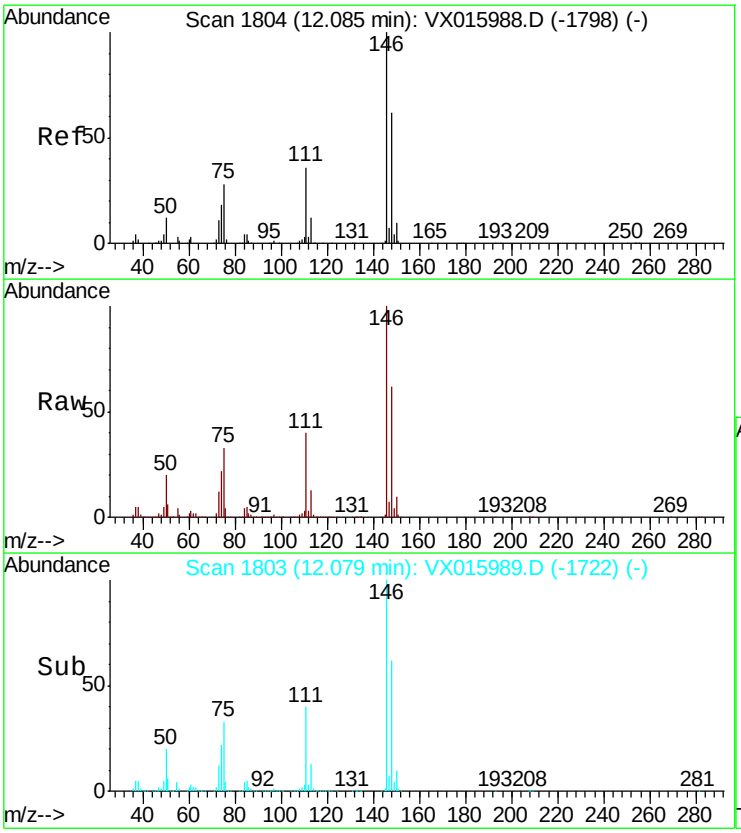

#83
1,3-Dichlorobenzene
Concen: 50.022 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion:146 Resp: 351156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.5 | 20.4 | 61.3 |
| 148 | 64.1 | 31.9 | 95.9 |

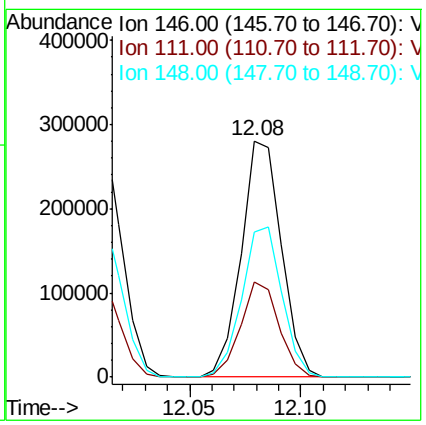


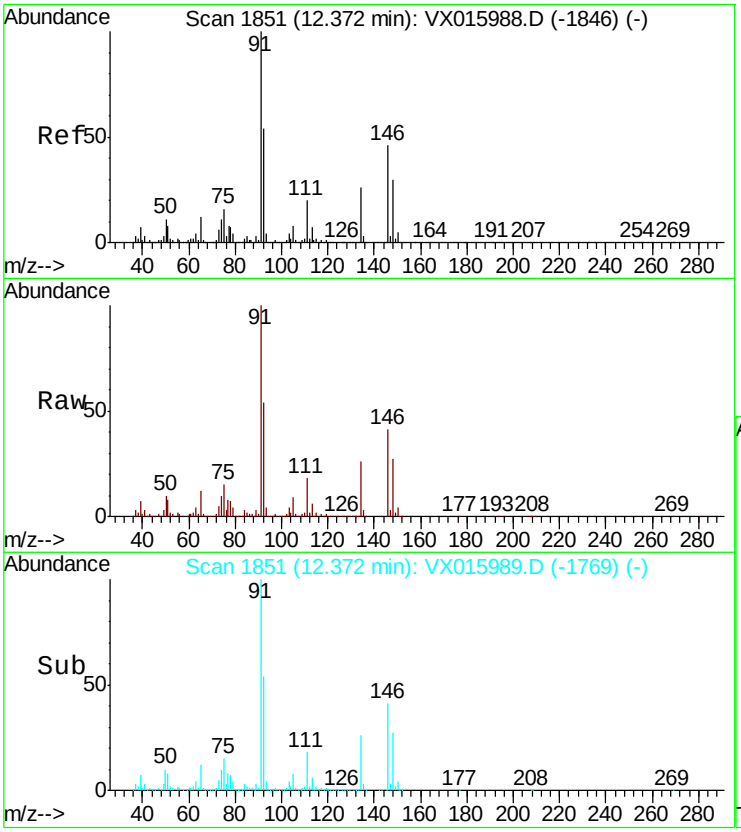




#84
1,4-Dichlorobenzene
Concen: 50.717 ug/l
RT: 12.08 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion:146 Resp: 354212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.8 | 19.7 | 59.0 |
| 148 | 63.8 | 32.0 | 96.0 |



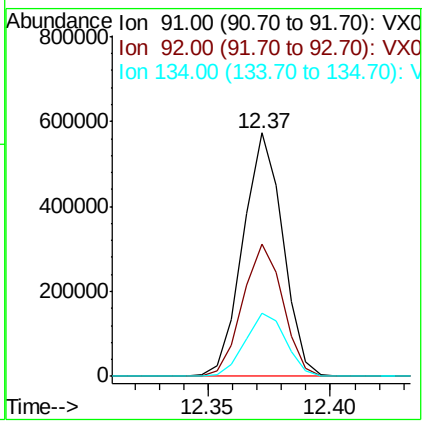


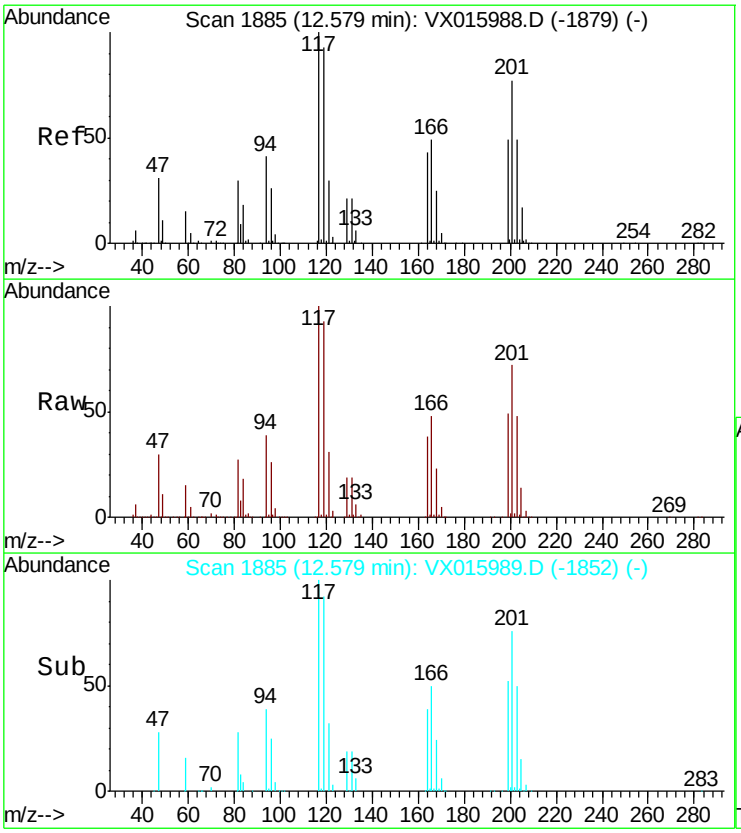

#85
n-Butylbenzene
Concen: 53.440 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion: 91 Resp: 652464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.7 | 0.0 | 110.2 |
| 134 | 26.5 | 0.0 | 53.4 |

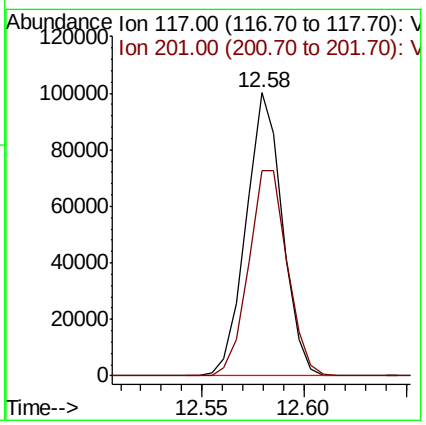


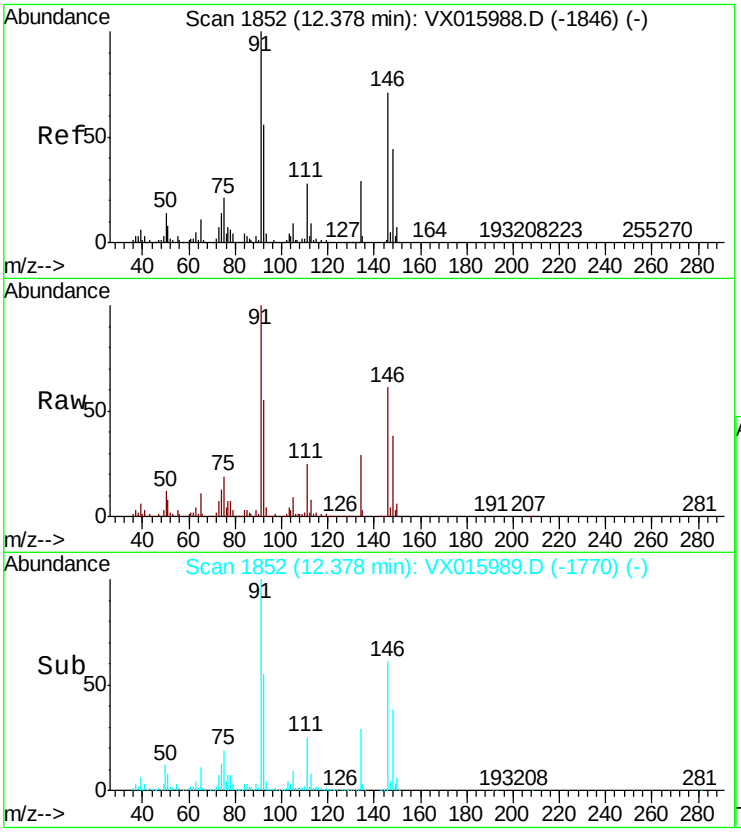




#86
Hexachloroethane
Concen: 48.874 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion:117 Resp: 124150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 77.5 | 40.1 | 120.2 |



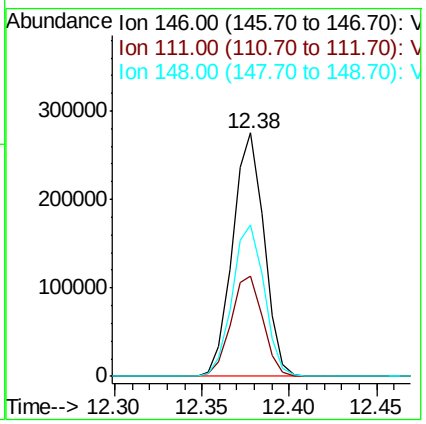


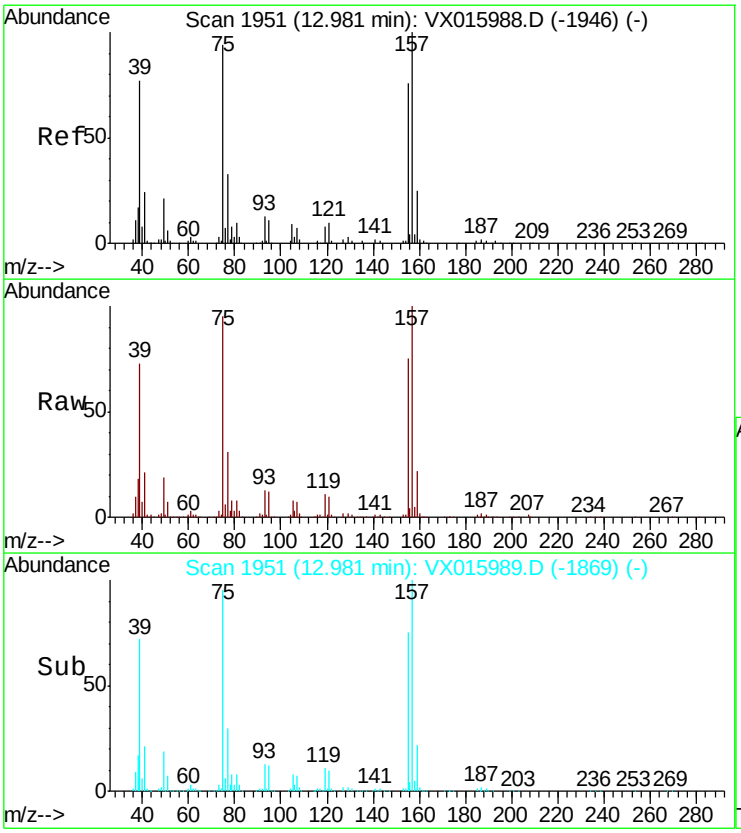

#87
1,2-Dichlorobenzene
Concen: 50.283 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion:146 Resp: 343205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.8 | 20.7 | 62.1 |
| 148 | 63.1 | 32.0 | 96.2 |

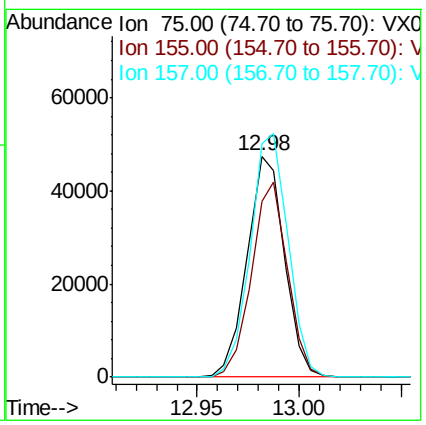


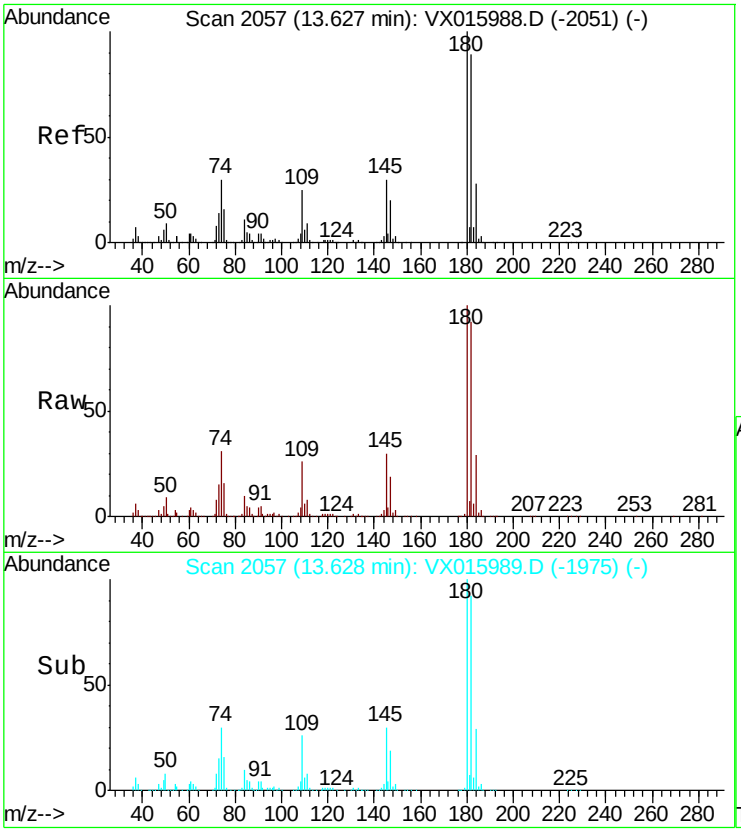




#88
1,2-Dibromo-3-Chloropropane
Concen: 49.836 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion: 75 Resp: 60572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 84.8 | 66.9 | 100.3 |
| 157 | 111.4 | 88.2 | 132.2 |



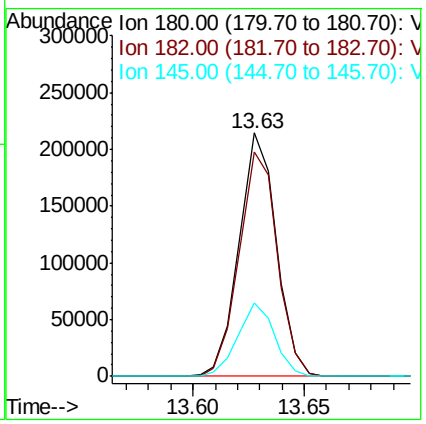


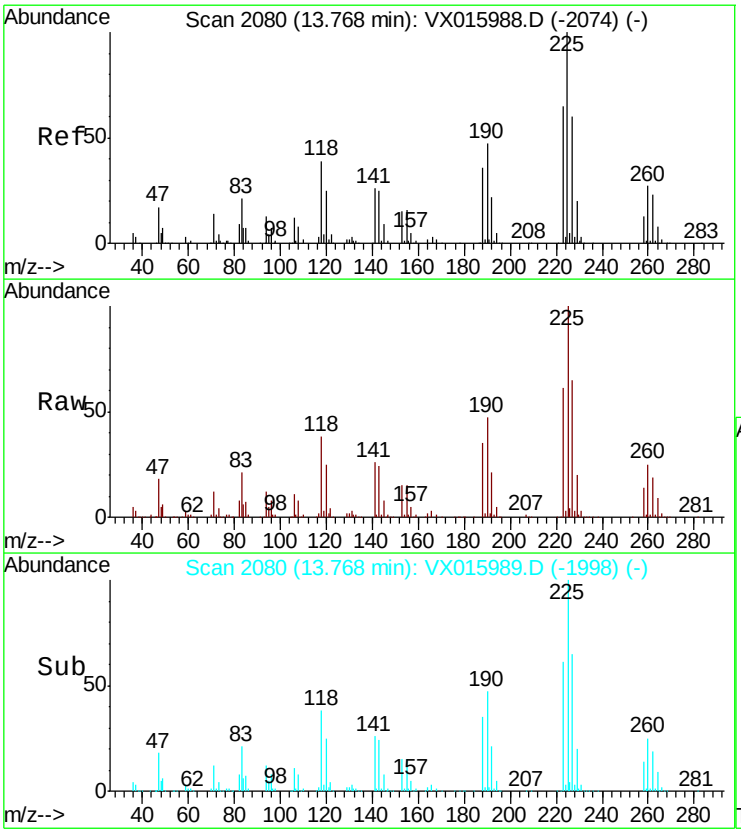

#89
1,2,4-Trichlorobenzene
Concen: 46.859 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion:180 Resp: 251143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.5 | 75.0 | 112.6 |
| 145 | 30.0 | 23.9 | 35.9 |

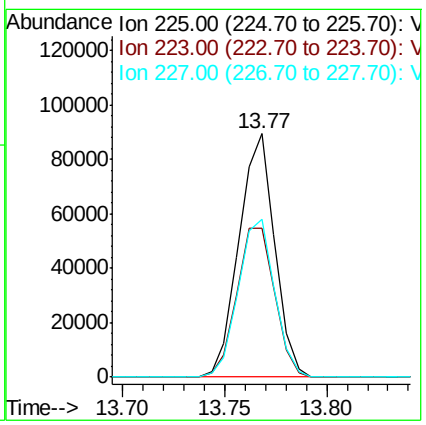


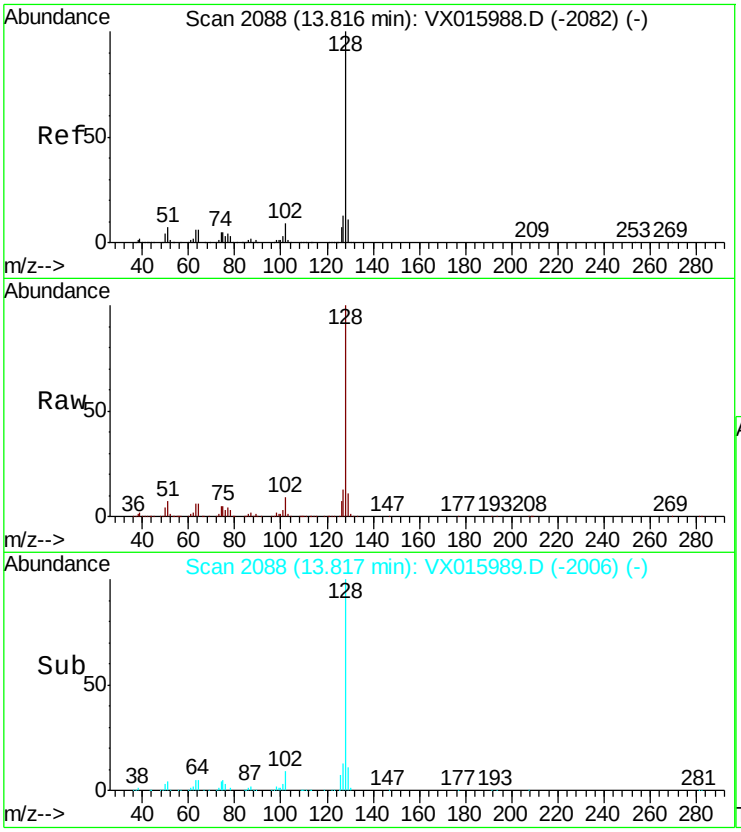




#90
Hexachlorobutadiene
Concen: 40.279 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion:225 Resp: 108553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 65.3 | 0.0 | 123.6 |
| 227 | 66.0 | 0.0 | 123.6 |



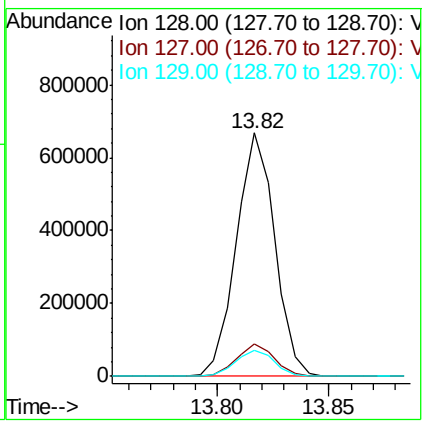


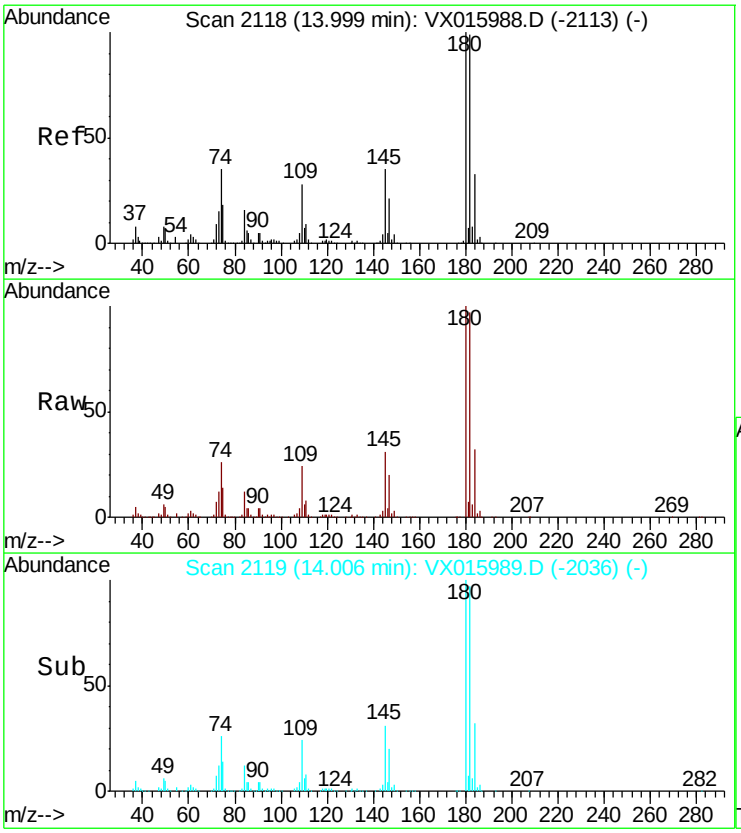

#91
Naphthalene
Concen: 51.039 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

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

Tgt Ion:128 Resp: 808159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.0 | 10.5 | 15.7 |
| 129 | 10.7 | 8.6 | 13.0 |




#92
1,2,3-Trichlorobenzene
Concen: 45.992 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion:180 Resp: 240899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.6 | 0.0 | 197.2 |
| 145 | 32.3 | 0.0 | 66.0 |