Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010620\
Data File : VX014422.D
Acq On : 06 Jan 2020 13:09
Operator : JC/SP
Sample : VX0106MBS01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jan 06 15:58:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.65 | 168 | 483244 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.85 | 114 | 731703 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.10 | 117 | 648520 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152 | 330535 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.05 | 65 | 271874 | 49.64 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.28% | | | |
| 35) Dibromofluoromethane | 5.48 | 113 | 222474 | 50.02 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.04% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 855925 | 49.43 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.86% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 306632 | 48.44 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.88% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.19 | 85 | 64401 | 14.896 | ug/l | 97 |
| 3) Chloromethane | 1.32 | 50 | 89287 | 15.389 | ug/l | 98 |
| 4) Vinyl Chloride | 1.40 | 62 | 97844 | 15.982 | ug/l | 99 |
| 5) Bromomethane | 1.63 | 94 | 63374 | 14.585 | ug/l | 99 |
| 6) Chloroethane | 1.72 | 64 | 66153 | 17.508 | ug/l | 97 |
| 7) Trichlorofluoromethane | 1.92 | 101 | 135806 | 17.920 | ug/l | 97 |
| 8) Diethyl Ether | 2.18 | 74 | 65149 | 18.317 | ug/l | 97 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 83789 | 18.341 | ug/l | 99 |
| 10) Methyl Iodide | 2.50 | 142 | 96678 | 17.827 | ug/l | 100 |
| 11) Tert butyl alcohol | 3.02 | 59 | 112947 | 95.440 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.36 | 96 | 79434 | 17.088 | ug/l | 95 |
| 13) Acrolein | 2.28 | 56 | 52235 | 77.107 | ug/l | 99 |
| 14) Allyl chloride | 2.72 | 41 | 152021 | 18.316 | ug/l | 100 |
| 15) Acrylonitrile | 3.12 | 53 | 268445 | 97.185 | ug/l | 99 |
| 16) Acetone | 2.43 | 43 | 272671 | 76.686 | ug/l | 100 |
| 17) Carbon Disulfide | 2.56 | 76 | 187860 | 15.089 | ug/l | 98 |
| 18) Methyl Acetate | 2.76 | 43 | 139056 | 19.736 | ug/l | 100 |
| 19) Methyl tert-butyl Ether | 3.18 | 73 | 310686 | 20.339 | ug/l | 95 |
| 20) Methylene Chloride | 2.84 | 84 | 100672 | 17.980 | ug/l | 99 |
| 21) trans-1,2-Dichloroethene | 3.15 | 96 | 88094 | 17.202 | ug/l | 96 |
| 22) Diisopropyl ether | 3.84 | 45 | 329722 | 19.936 | ug/l | 94 |
| 23) Vinyl Acetate | 3.80 | 43 | 1375121 | 101.883 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 3.69 | 63 | 170343 | 18.512 | ug/l | 100 |
| 25) 2-Butanone | 4.65 | 43 | 393286 | 89.715 | ug/l | 100 |
| 26) 2,2-Dichloropropane | 4.57 | 77 | 131369 | 18.388 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.58 | 96 | 107519 | 18.564 | ug/l | 99 |
| 28) Bromochloromethane | 5.00 | 49 | 77675 | 22.204 | ug/l | 98 |
| 29) Tetrahydrofuran | 5.11 | 42 | 239425 | 97.647 | ug/l | 100 |
| 30) Chloroform | 5.20 | 83 | 170495 | 19.545 | ug/l | 96 |
| 31) Cyclohexane | 5.57 | 56 | 145633 | 17.795 | ug/l | 99 |
| 32) 1,1,1-Trichloroethane | 5.48 | 97 | 139466 | 18.759 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.78 | 75 | 120857 | 18.001 | ug/l | 99 |
| 37) Ethyl Acetate | 4.81 | 43 | 145956 | 19.687 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.77 | 117 | 116291 | 19.014 | ug/l | 96 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010620\
Data File : VX014422.D
Acq On : 06 Jan 2020 13:09
Operator : JC/SP
Sample : VX0106MBS01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jan 06 15:58:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.45 | 83 | 146070 | 17.620 | ug/l | | 99 |
| 40) Benzene | 6.13 | 78 | 385492 | 18.661 | ug/l | | 99 |
| 41) Methacrylonitrile | 5.02 | 41 | 82358 | 20.021 | ug/l | | 99 |
| 42) 1,2-Dichloroethane | 6.18 | 62 | 139129 | 19.869 | ug/l | | 99 |
| 43) Isopropyl Acetate | 6.43 | 43 | 245330 | 19.995 | ug/l | | 100 |
| 44) Trichloroethene | 7.20 | 130 | 106041 | 18.585 | ug/l | | 98 |
| 45) 1,2-Dichloropropane | 7.50 | 63 | 103934 | 19.630 | ug/l | | 98 |
| 46) Dibromomethane | 7.65 | 93 | 67321 | 19.231 | ug/l | | 98 |
| 47) Bromodichloromethane | 7.89 | 83 | 131101 | 19.885 | ug/l | | 97 |
| 48) Methyl methacrylate | 7.76 | 41 | 116362 | 19.367 | ug/l | | 99 |
| 49) 1,4-Dioxane | 7.73 | 88 | 48174 | 394.007 | ug/l | | 96 |
| 51) 4-Methyl-2-Pentanone | 8.63 | 43 | 757309 | 98.281 | ug/l | | 99 |
| 52) Toluene | 8.78 | 92 | 240143 | 18.392 | ug/l | | 97 |
| 53) t-1,3-Dichloropropene | 9.03 | 75 | 145142 | 20.077 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.43 | 75 | 161064 | 19.999 | ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 104934 | 20.052 | ug/l | | 98 |
| 56) Ethyl methacrylate | 9.17 | 69 | 160365 | 19.508 | ug/l | | 99 |
| 57) 1,3-Dichloropropane | 9.36 | 76 | 174390 | 19.807 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.30 | 63 | 308192 | 99.069 | ug/l | | 100 |
| 59) 2-Hexanone | 9.48 | 43 | 570796 | 92.019 | ug/l | | 98 |
| 60) Dibromochloromethane | 9.57 | 129 | 105650 | 20.310 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 107824 | 20.138 | ug/l | | 99 |
| 64) Tetrachloroethene | 9.33 | 164 | 109647 | 19.107 | ug/l | | 99 |
| 65) Chlorobenzene | 10.13 | 112 | 261335 | 18.952 | ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 10.21 | 131 | 100154 | 20.342 | ug/l | | 99 |
| 67) Ethyl Benzene | 10.25 | 91 | 454326 | 19.164 | ug/l | | 97 |
| 68) m/p-Xylenes | 10.35 | 106 | 347955 | 38.162 | ug/l | | 99 |
| 69) o-Xylene | 10.69 | 106 | 170385 | 19.053 | ug/l | | 98 |
| 70) Styrene | 10.71 | 104 | 292605 | 19.350 | ug/l | | 100 |
| 71) Bromoform | 10.85 | 173 | 79452 | 20.075 | ug/l | # | 100 |
| 73) Isopropylbenzene | 11.01 | 105 | 461119 | 19.814 | ug/l | | 99 |
| 74) N-amyl acetate | 10.89 | 43 | 206748 | 18.953 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.26 | 83 | 155611 | 19.287 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 11.29 | 75 | 177927 | 24.795 | ug/l | | 90 |
| 77) Bromobenzene | 11.25 | 156 | 121851 | 19.030 | ug/l | | 96 |
| 78) n-propylbenzene | 11.35 | 91 | 508414 | 19.477 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 307481 | 19.378 | ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.50 | 105 | 379172 | 19.359 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 48782 | 19.188 | ug/l | | 95 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 350932 | 19.066 | ug/l | | 99 |
| 83) tert-Butylbenzene | 11.76 | 119 | 366498 | 19.228 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 384406 | 19.598 | ug/l | | 98 |
| 85) sec-Butylbenzene | 11.94 | 105 | 445016 | 19.777 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 12.06 | 119 | 402473 | 19.554 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 211235 | 18.823 | ug/l | | 100 |
| 88) 1,4-Dichlorobenzene | 12.09 | 146 | 211637 | 18.547 | ug/l | | 98 |
| 89) n-Butylbenzene | 12.39 | 91 | 336869 | 19.181 | ug/l | | 99 |
| 90) Hexachloroethane | 12.59 | 117 | 70366 | 19.033 | ug/l | | 98 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 213831 | 18.929 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75 | 31743 | 17.779 | ug/l | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010620\
Data File : VX014422.D
Acq On : 06 Jan 2020 13:09
Operator : JC/SP
Sample : VX0106MBS01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jan 06 15:58:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180 | 140019 | 19.070 | ug/l | 99 |
| 94) Hexachlorobutadiene | 13.78 | 225 | 71203 | 20.178 | ug/l | 99 |
| 95) Naphthalene | 13.83 | 128 | 415817 | 19.275 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180 | 141674 | 19.547 | ug/l | 98 |

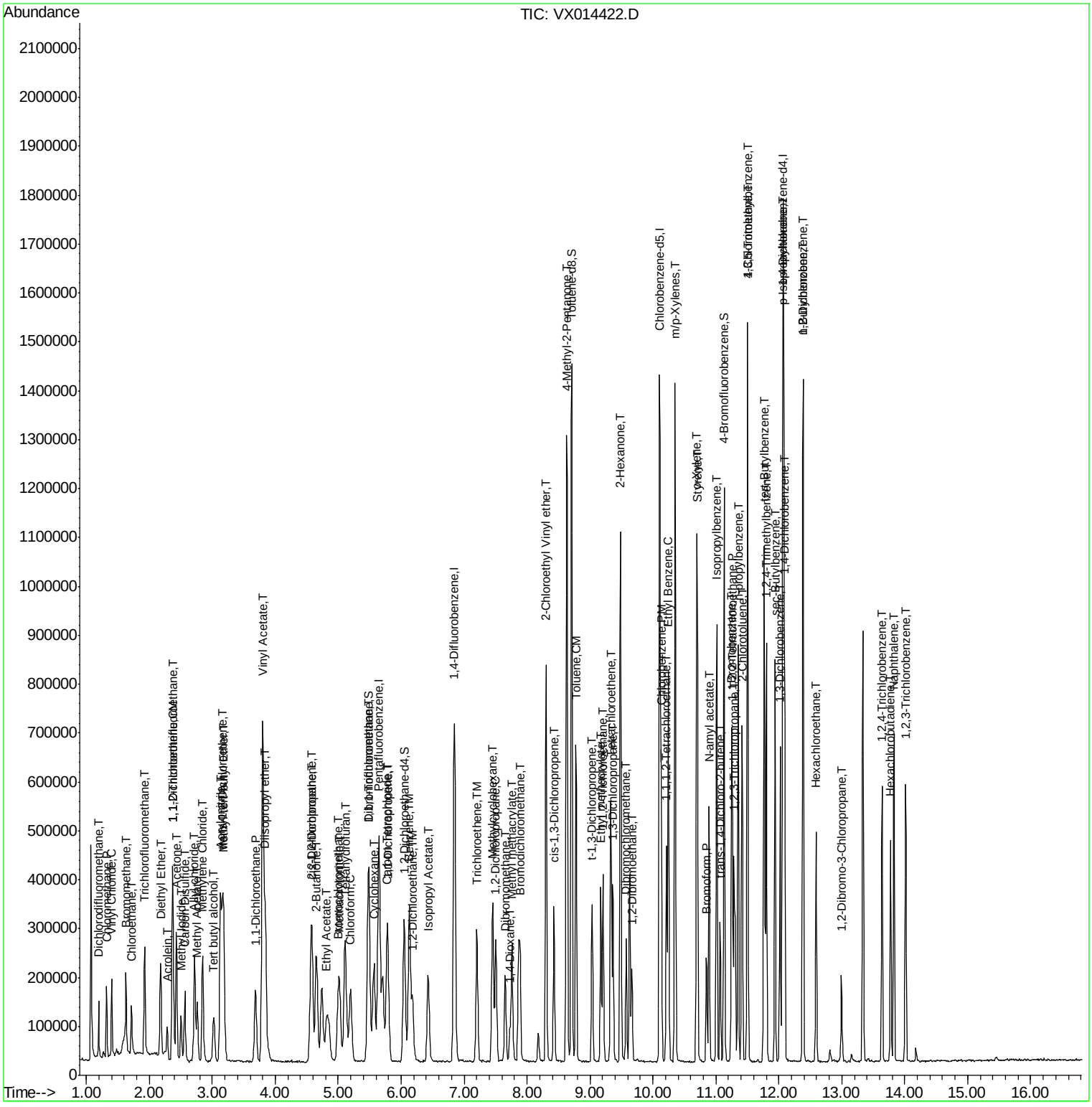
(#) = qualifier out of range (m) = manual integration (+) = signals summed

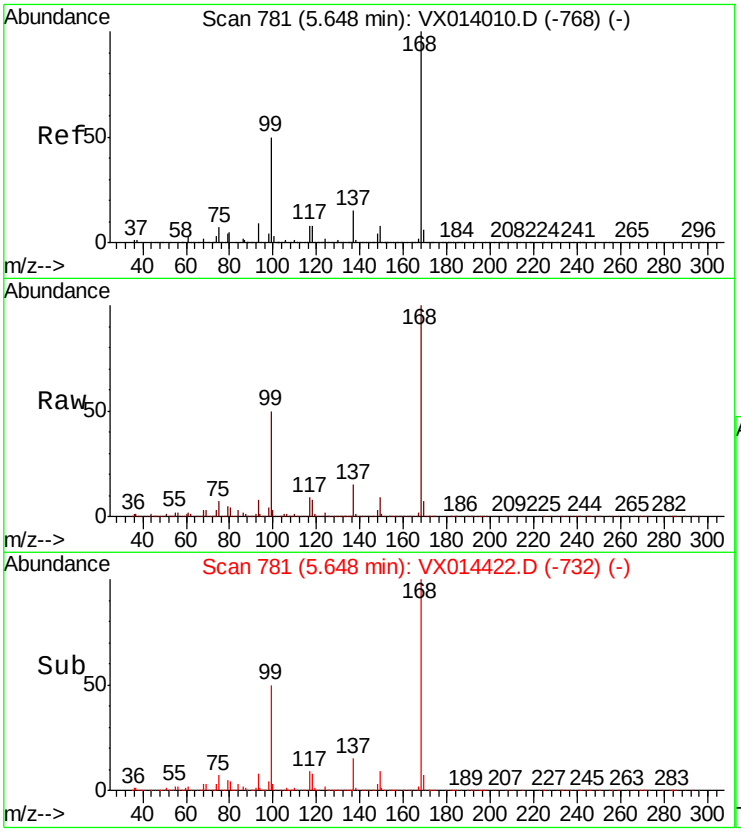
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010620\
Data File : VX014422.D
Acq On : 06 Jan 2020 13:09
Operator : JC/SP
Sample : VX0106MBS01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jan 06 15:58:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration



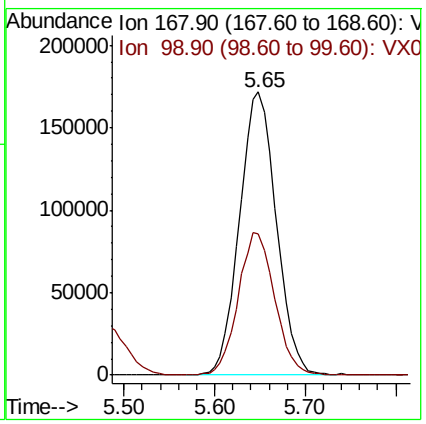


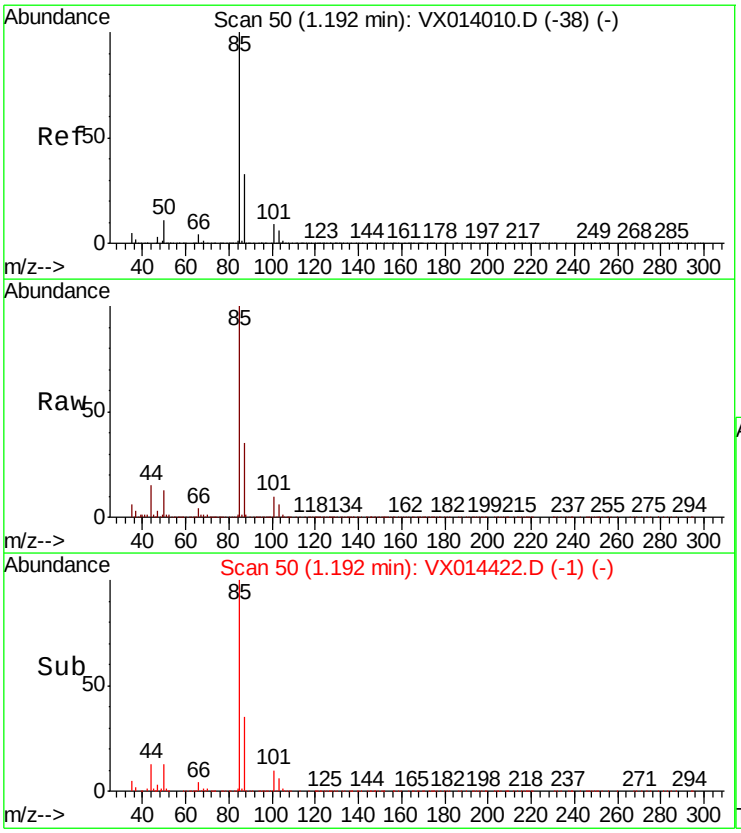

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion:168 Resp: 483244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 50.0 | 40.3 | 60.5 |

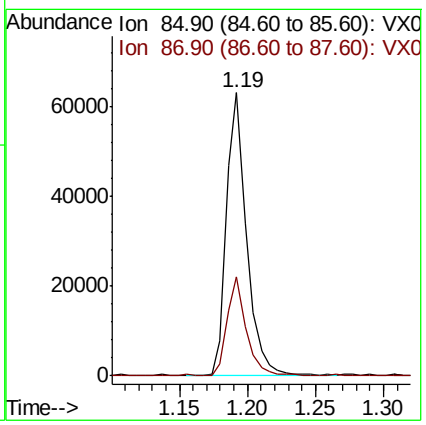


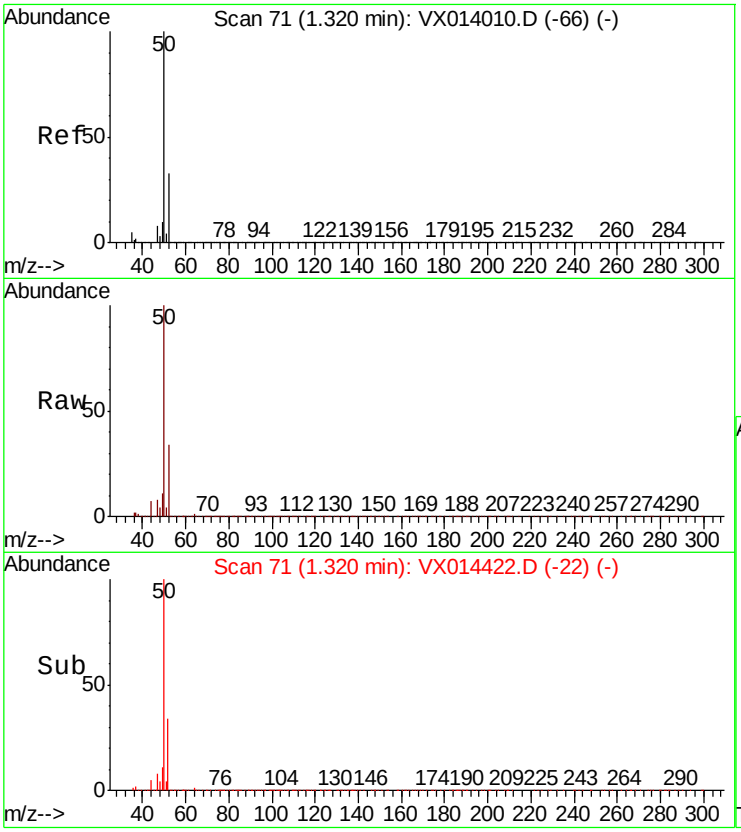




#2
Dichlorodifluoromethane
Concen: 14.896 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 85 Resp: 64401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 34.5 | 16.4 | 49.2 |



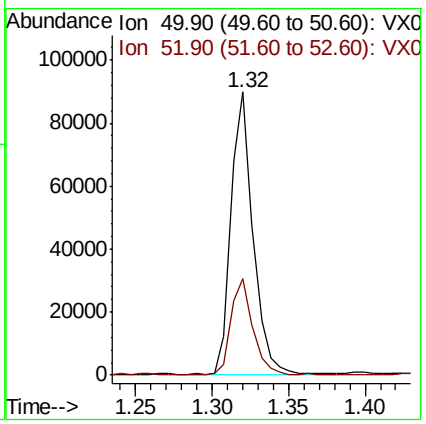


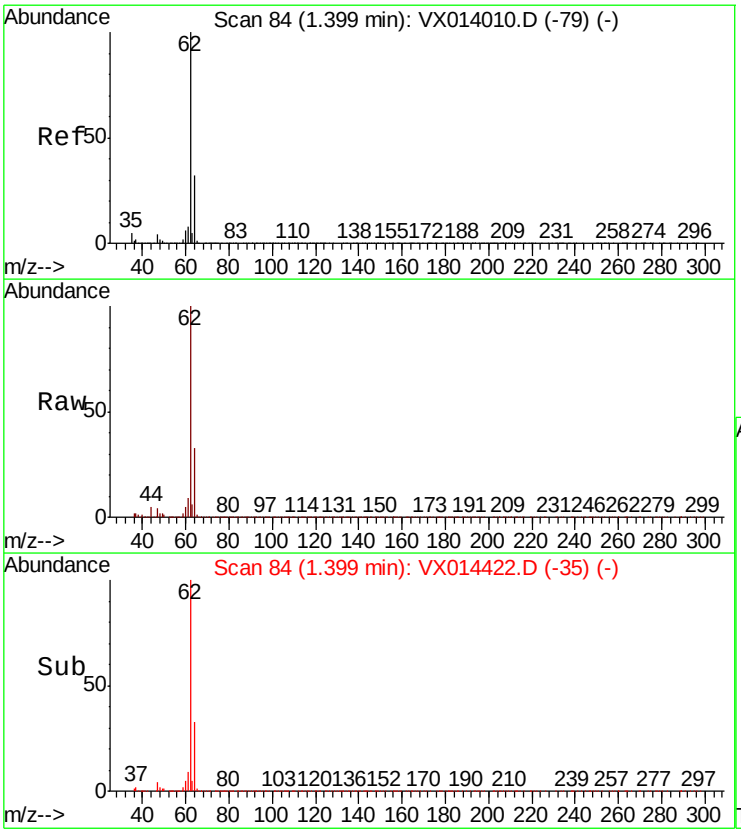

#3
Chloromethane
Concen: 15.389 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 50 Resp: 89287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.7 | 26.2 | 39.4 |

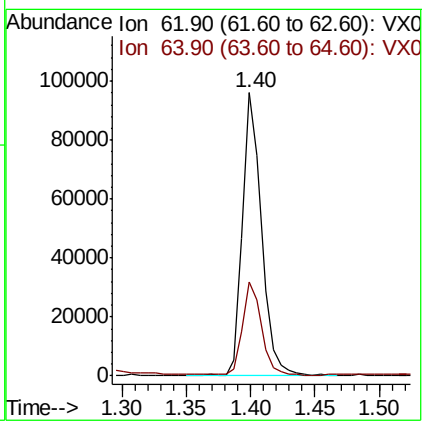


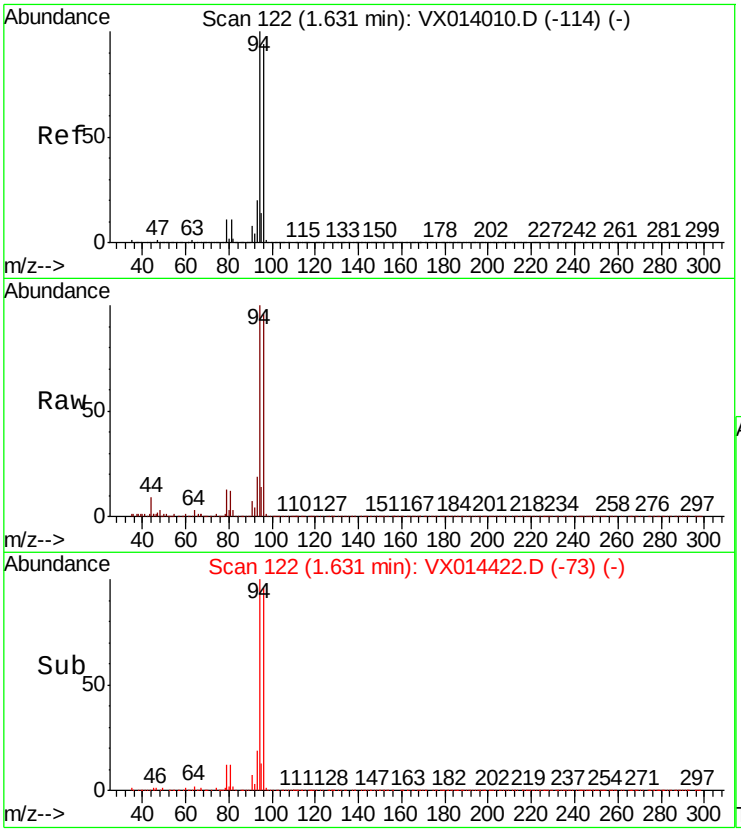




#4
Vinyl Chloride
Concen: 15.982 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 62 Resp: 97844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.7 | 25.7 | 38.5 |



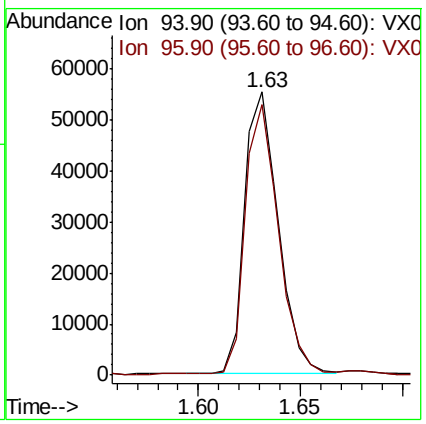


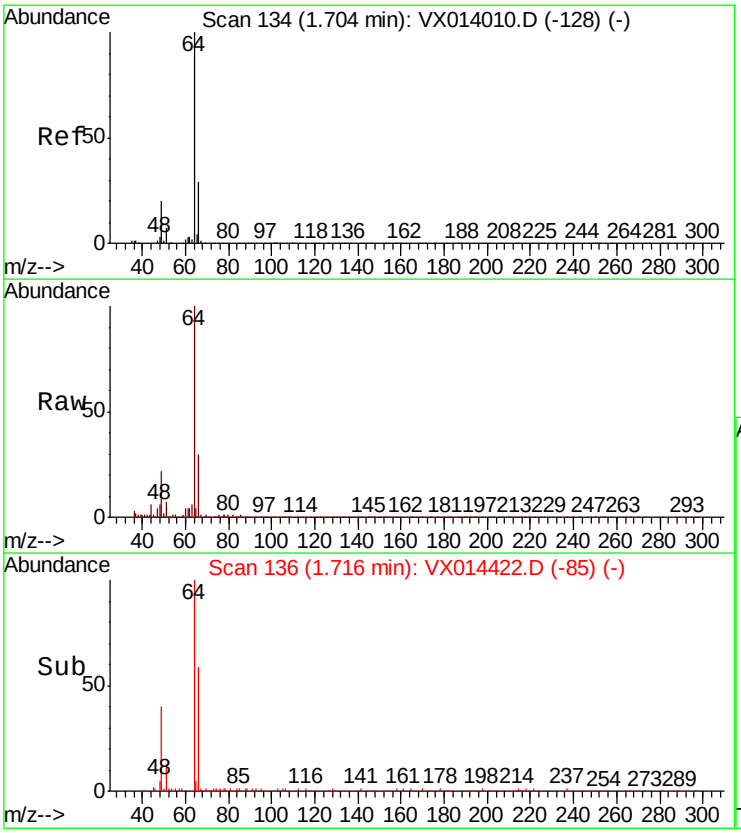

#5
Bromomethane
Concen: 14.585 ug/l
RT: 1.63 min Scan# 122
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 94 Resp: 63374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 95.3 | 75.2 | 112.8 |

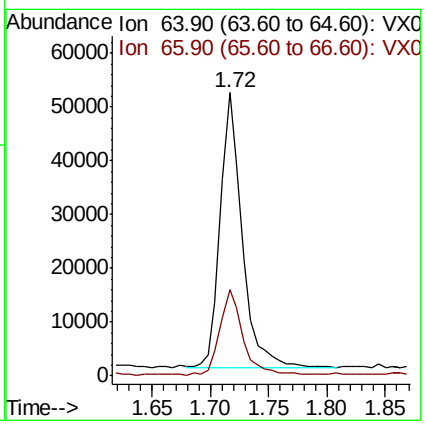


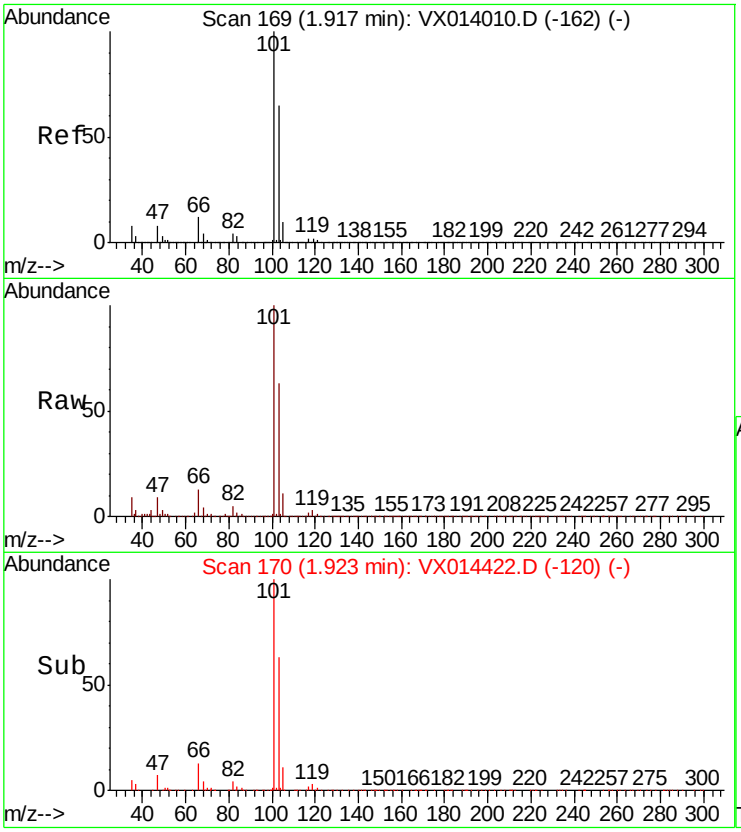




#6
Chloroethane
Concen: 17.508 ug/l
RT: 1.72 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 64 Resp: 66153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.1 | 23.4 | 35.2 |



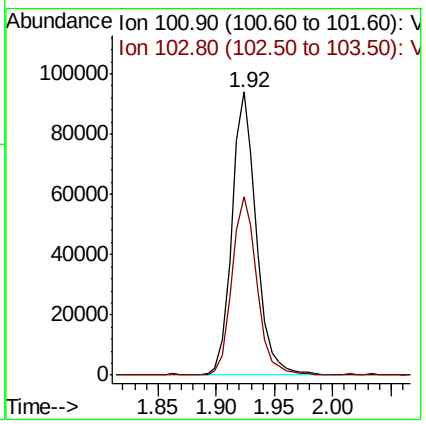


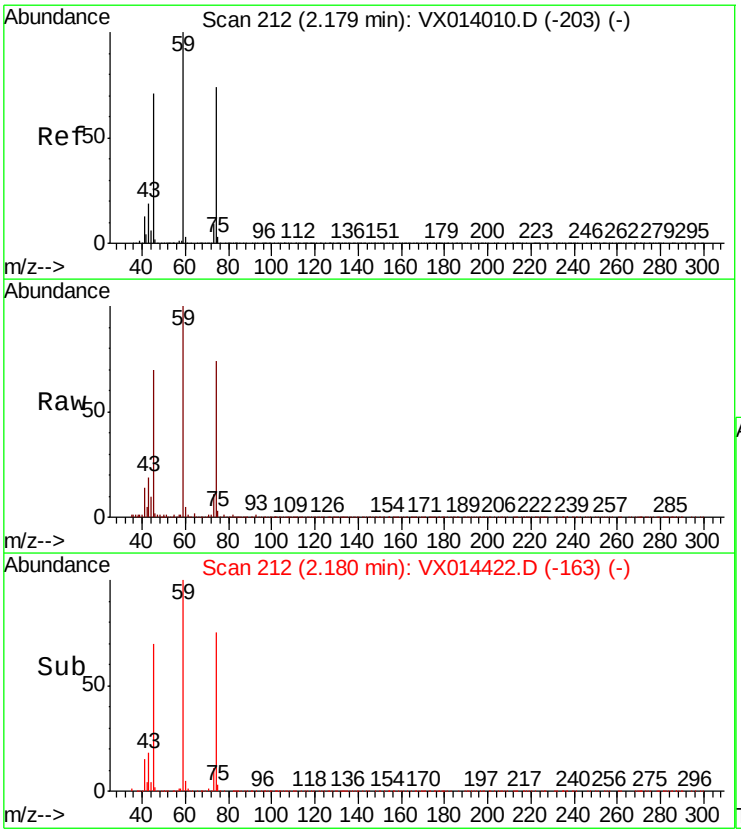

#7
Trichlorofluoromethane
Concen: 17.920 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion:101 Resp: 135806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 63.1 | 52.2 | 78.4 |

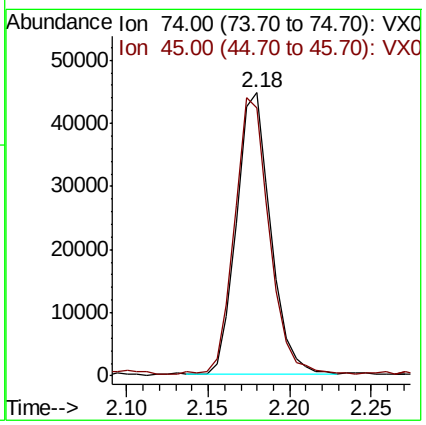


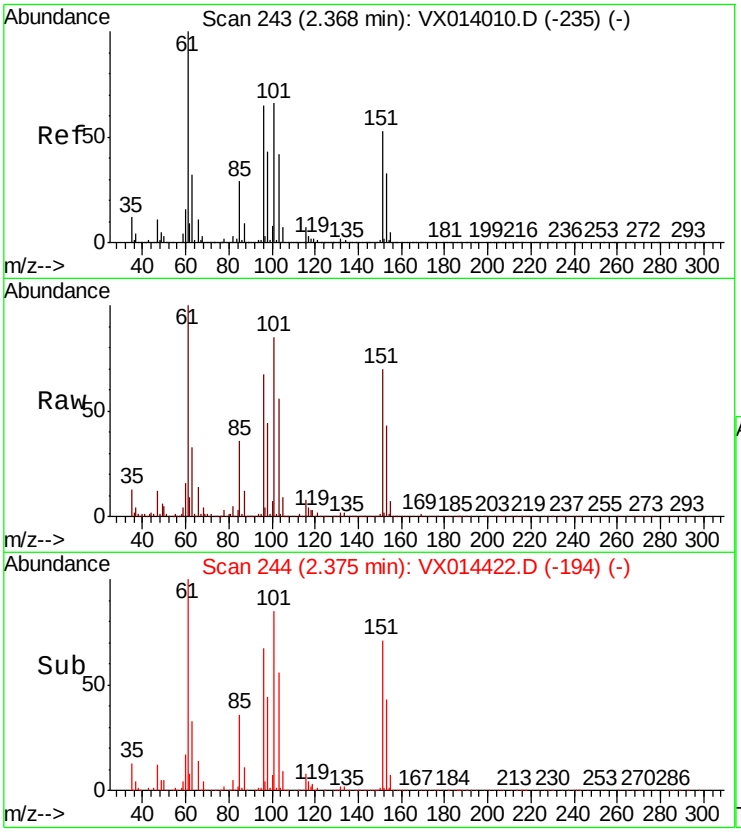




#8
Diethyl Ether
Concen: 18.317 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 74 Resp: 65149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 98.9 | 48.1 | 144.3 |



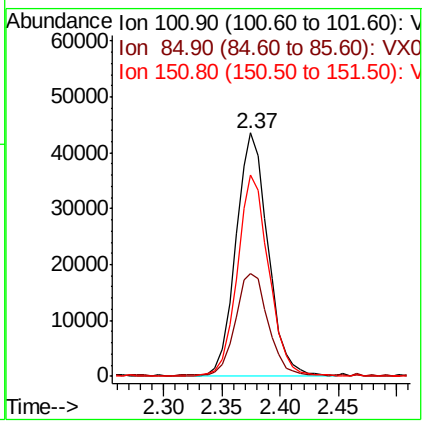


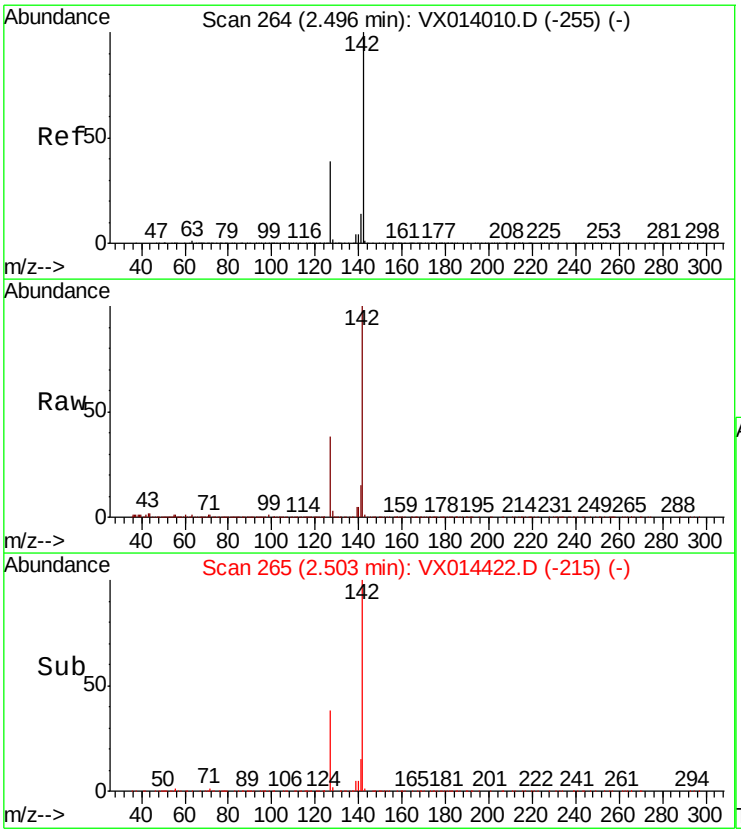

#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.341 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion:101 Resp: 83789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.7 | 33.7 | 50.5 |
| 151 | 81.2 | 64.5 | 96.7 |

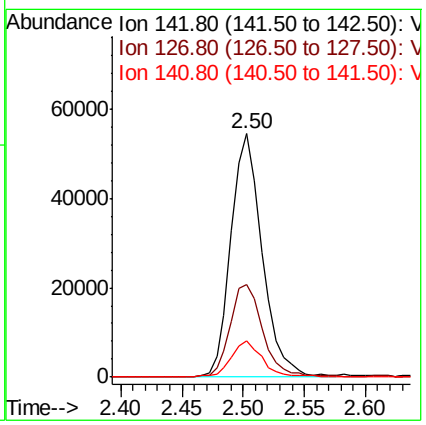


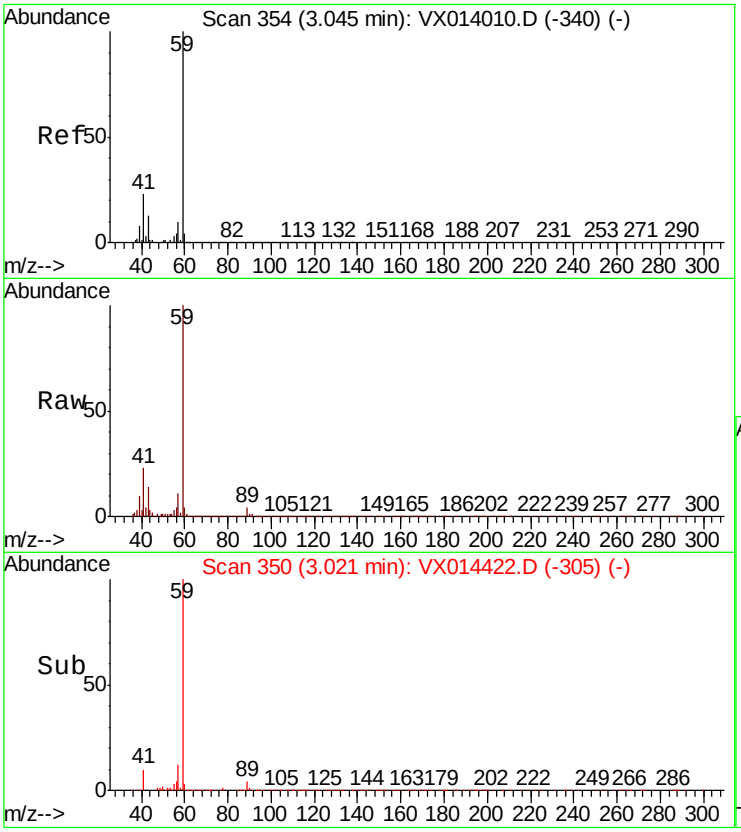




#10
Methyl Iodide
Concen: 17.827 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion:142 Resp: 96678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 39.8 | 31.6 | 47.4 |
| 141 | 14.5 | 11.6 | 17.4 |



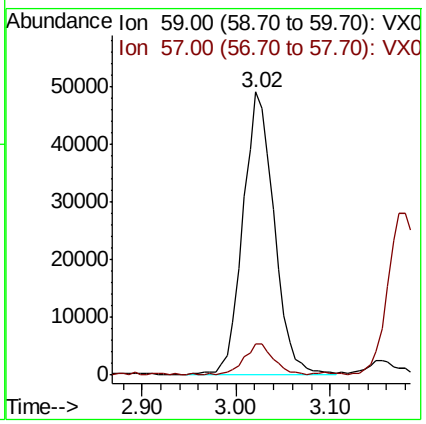


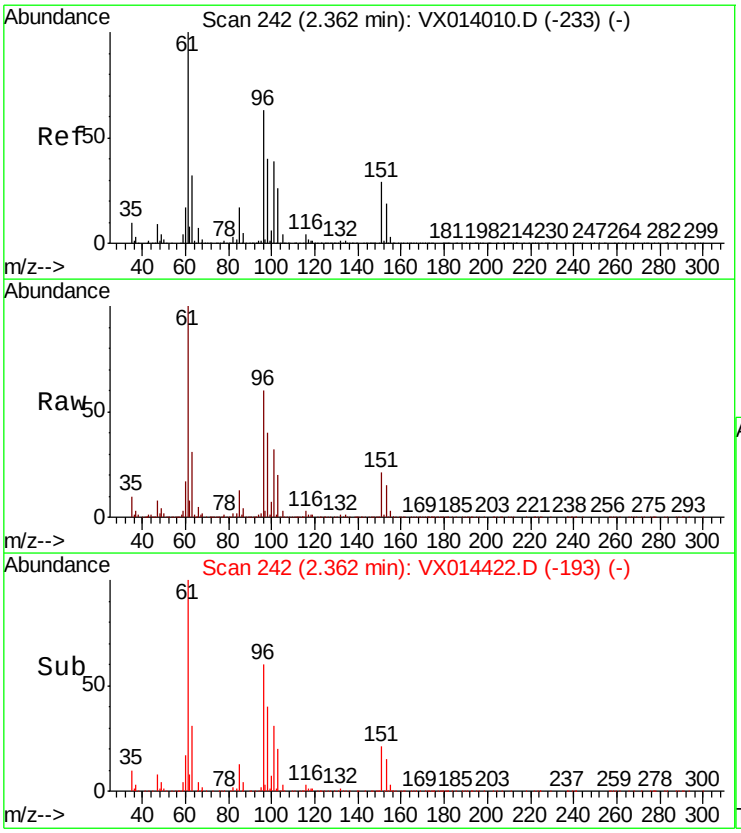

#11
Tert butyl alcohol
Concen: 95.440 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 59 Resp: 112947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.0 | 8.4 | 12.6 |

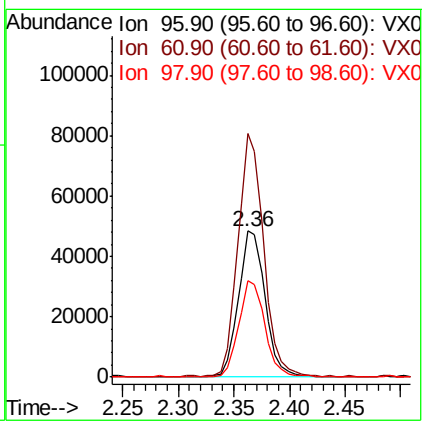


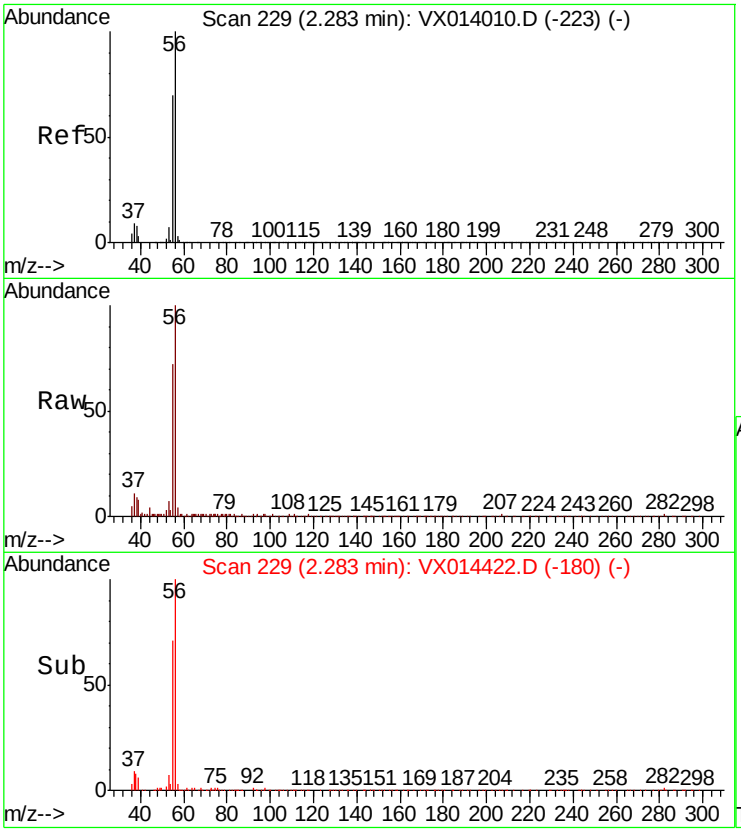




#12
1,1-Dichloroethene
Concen: 17.088 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 96 Resp: 79434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 166.9 | 127.9 | 191.9 |
| 98 | 66.1 | 50.5 | 75.7 |



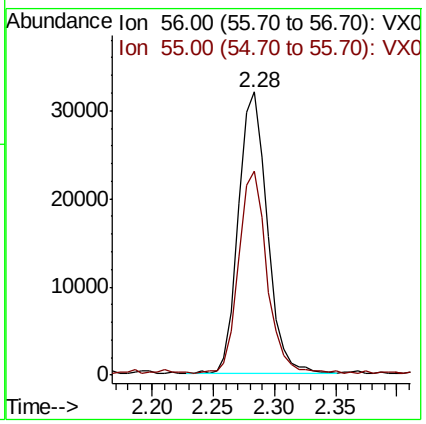


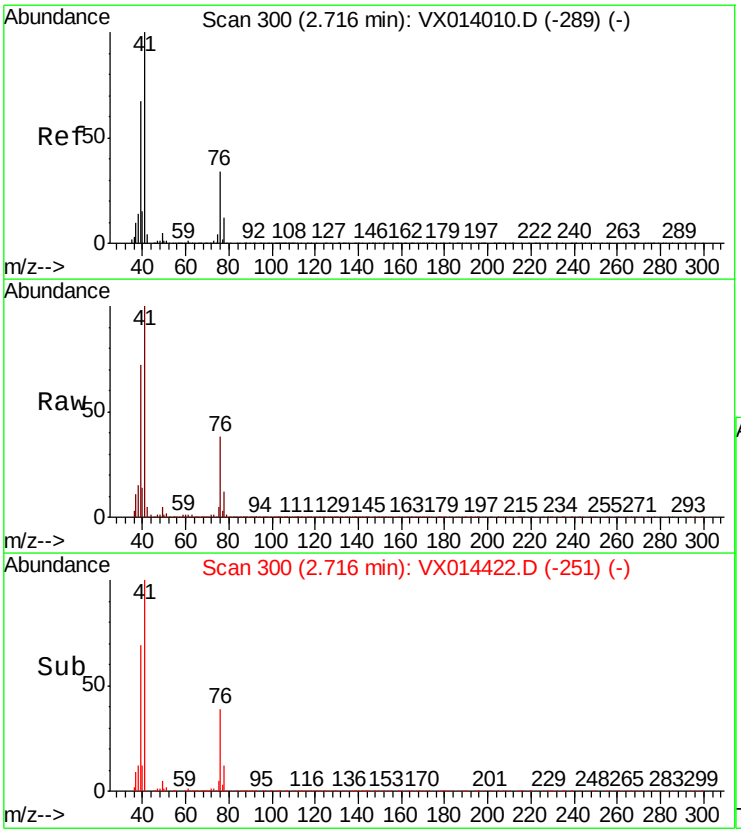

#13
Acrolein
Concen: 77.107 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 56 Resp: 52235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.3 | 56.9 | 85.3 |

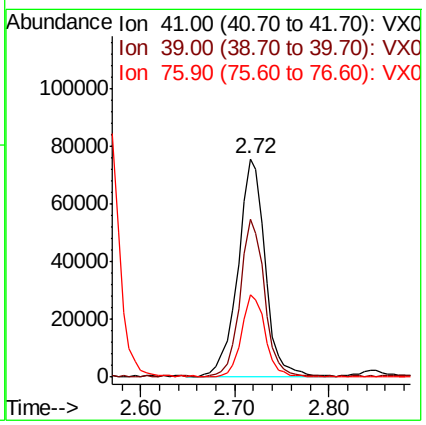


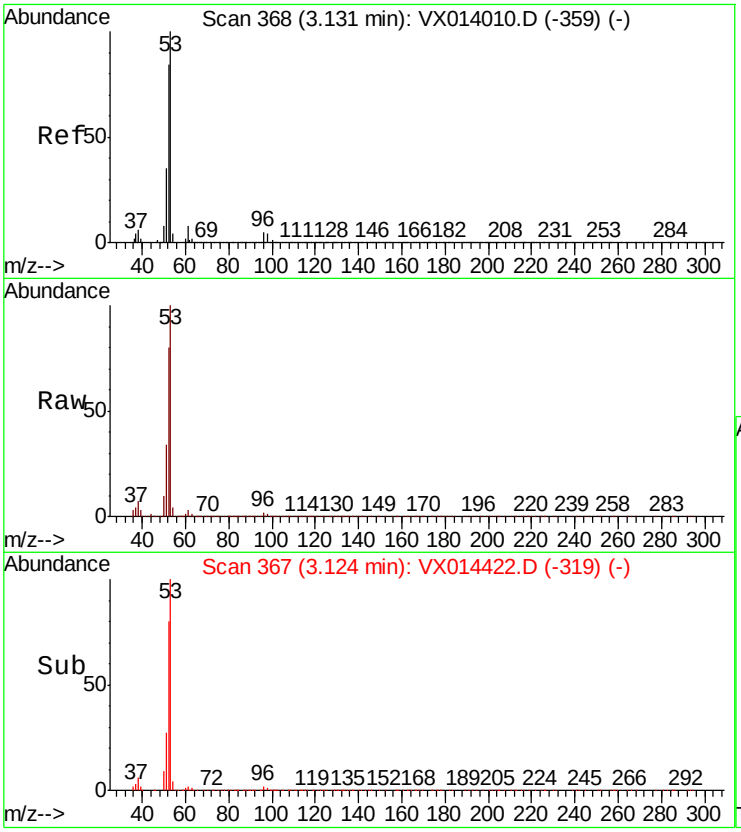




#14
Allyl chloride
Concen: 18.316 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 41 Resp: 152021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 64.2 | 51.8 | 77.8 |
| 76 | 32.4 | 25.9 | 38.9 |



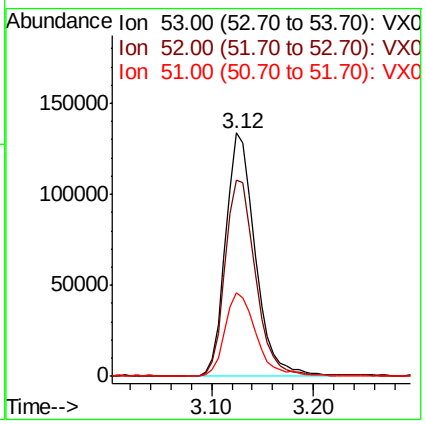


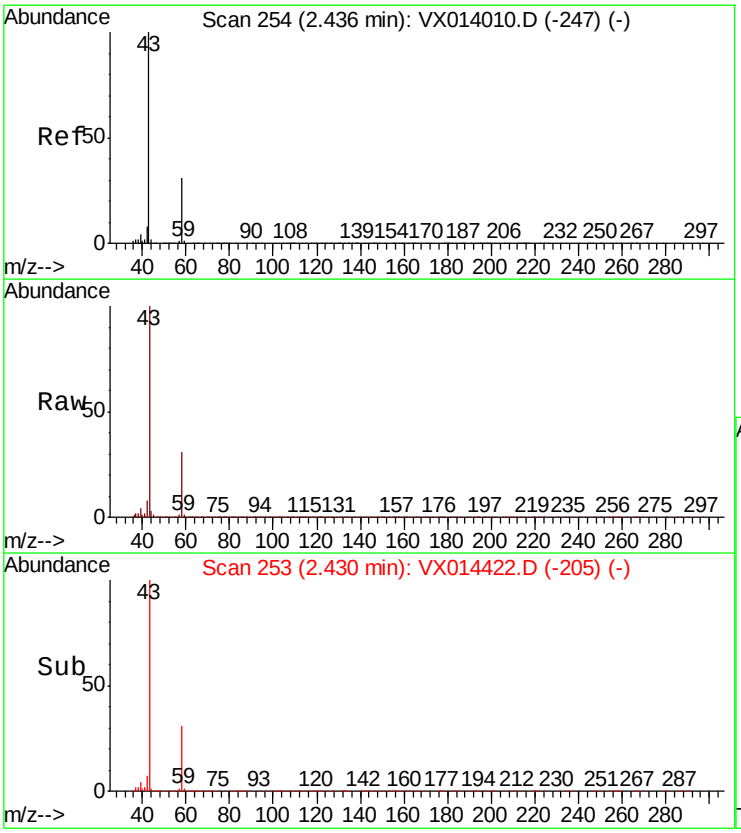

#15
Acrylonitrile
Concen: 97.185 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 53 Resp: 268445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.8 | 66.5 | 99.7 |
| 51 | 36.1 | 28.1 | 42.1 |

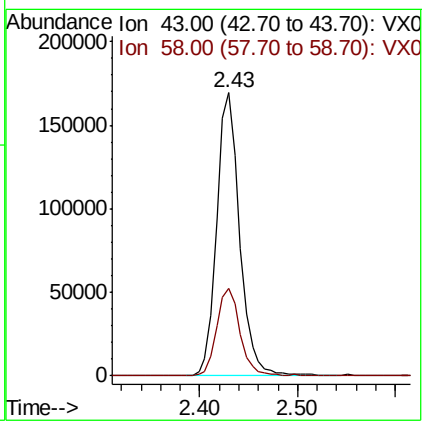


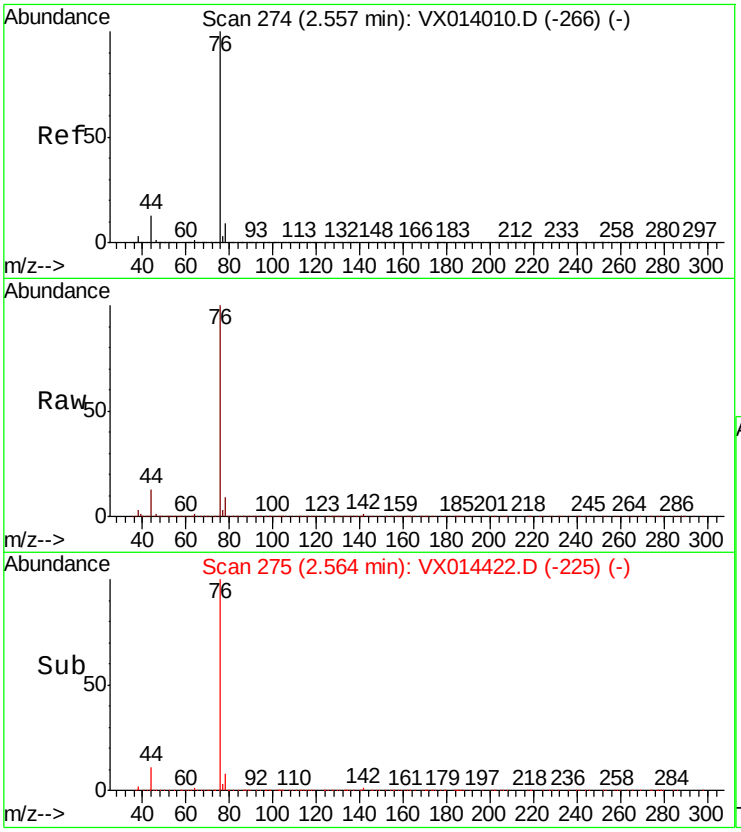




#16
Acetone
Concen: 76.686 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 43 Resp: 272671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.9 | 24.9 | 37.3 |



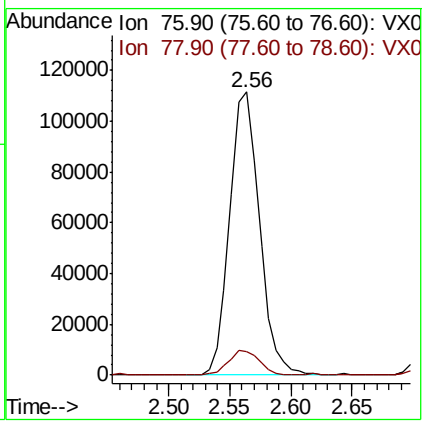


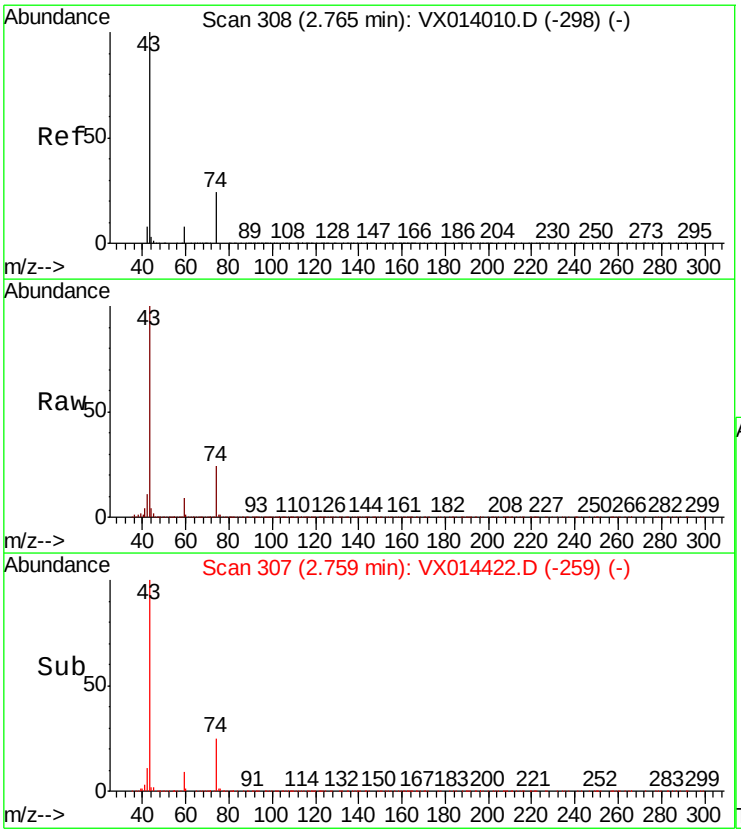

#17
Carbon Disulfide
Concen: 15.089 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 76 Resp: 187860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.3 | 7.2 | 10.8 |

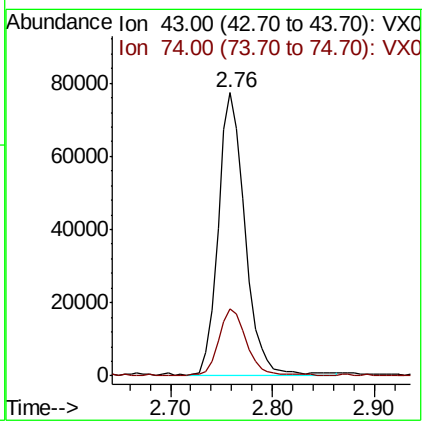


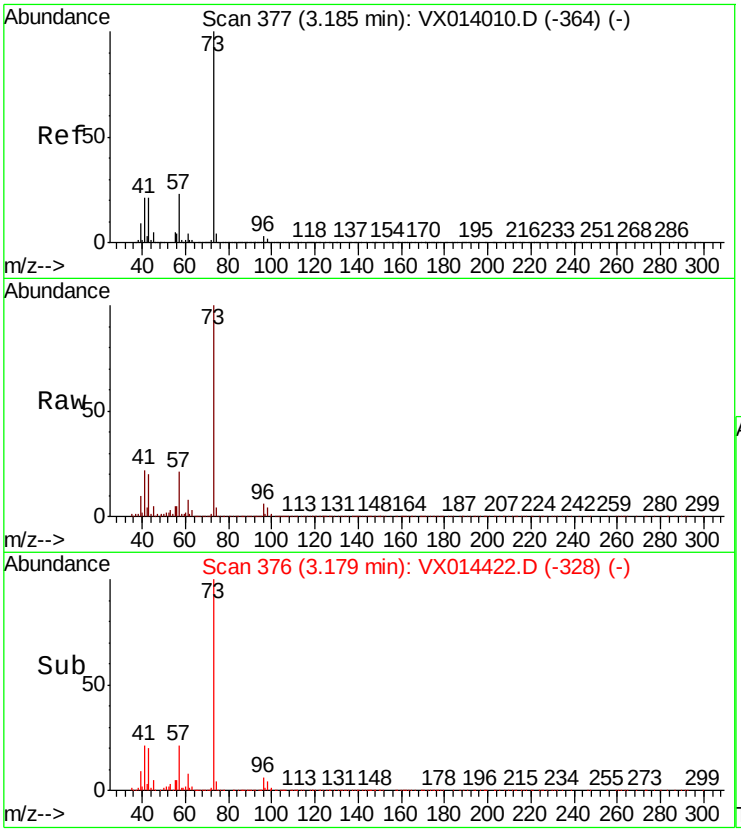




#18
Methyl Acetate
Concen: 19.736 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 43 Resp: 139056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.4 | 19.5 | 29.3 |



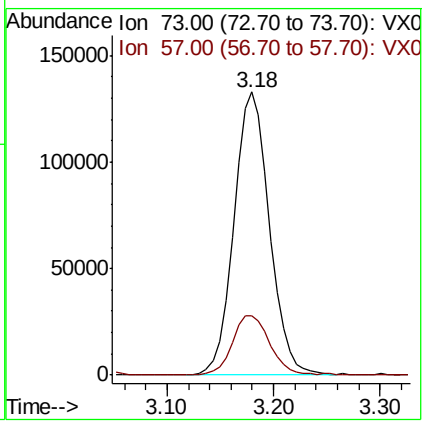


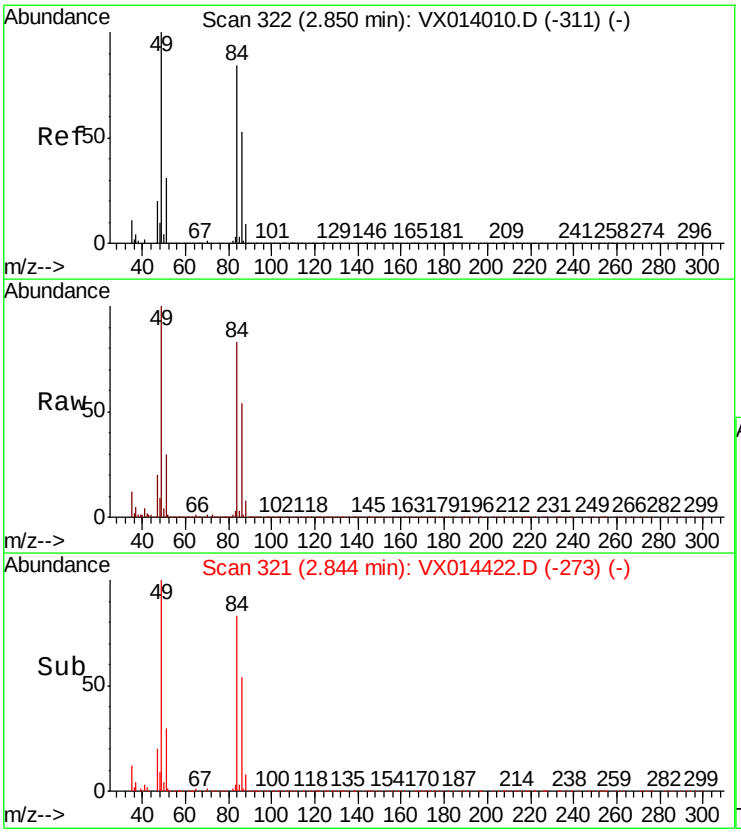

#19
Methyl tert-butyl Ether
Concen: 20.339 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 73 Resp: 310686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.9 | 18.8 | 28.2 |

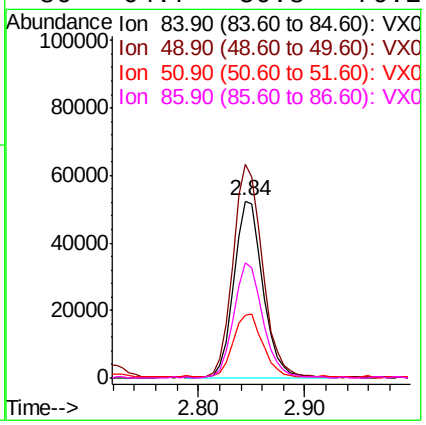


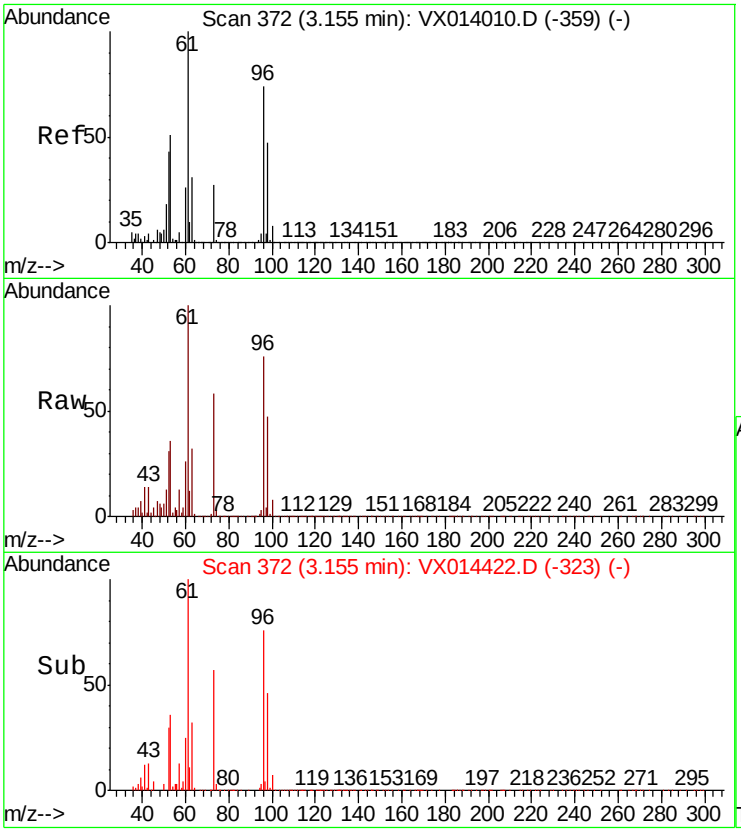




#20
Methylene Chloride
Concen: 17.980 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 84 Resp: 100672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 120.1 | 95.8 | 143.6 |
| 51 | 35.2 | 29.8 | 44.8 |
| 86 | 64.7 | 50.8 | 76.2 |



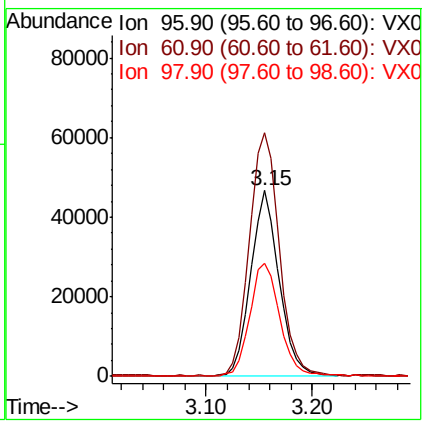


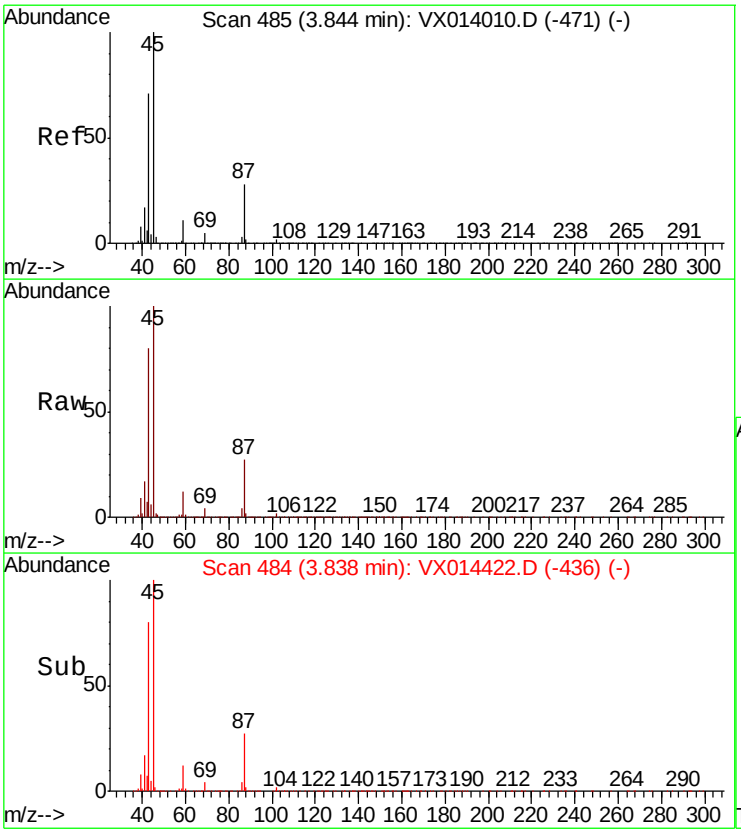

#21
trans-1,2-Dichloroethene
Concen: 17.202 ug/l
RT: 3.15 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 96 Resp: 88094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 131.0 | 108.3 | 162.5 |
| 98 | 60.9 | 50.8 | 76.2 |

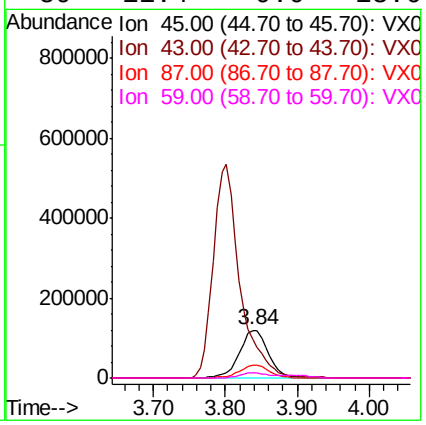


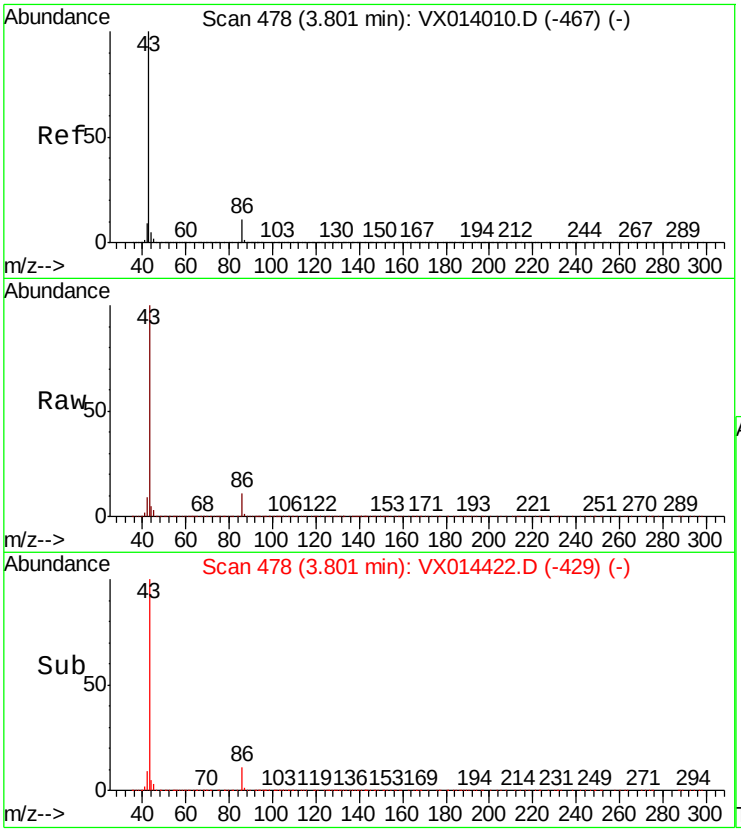




#22
Diisopropyl ether
Concen: 19.936 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 45 Resp: 329722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 79.6 | 57.4 | 86.0 |
| 87 | 27.1 | 21.9 | 32.9 |
| 59 | 11.4 | 9.0 | 13.6 |



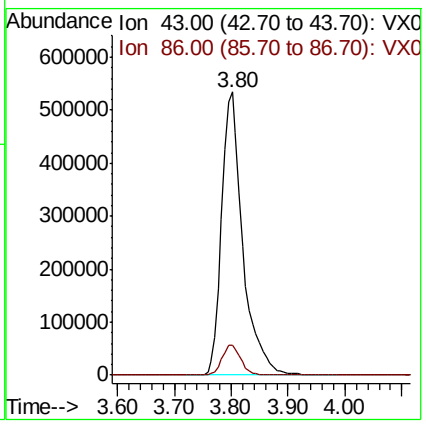


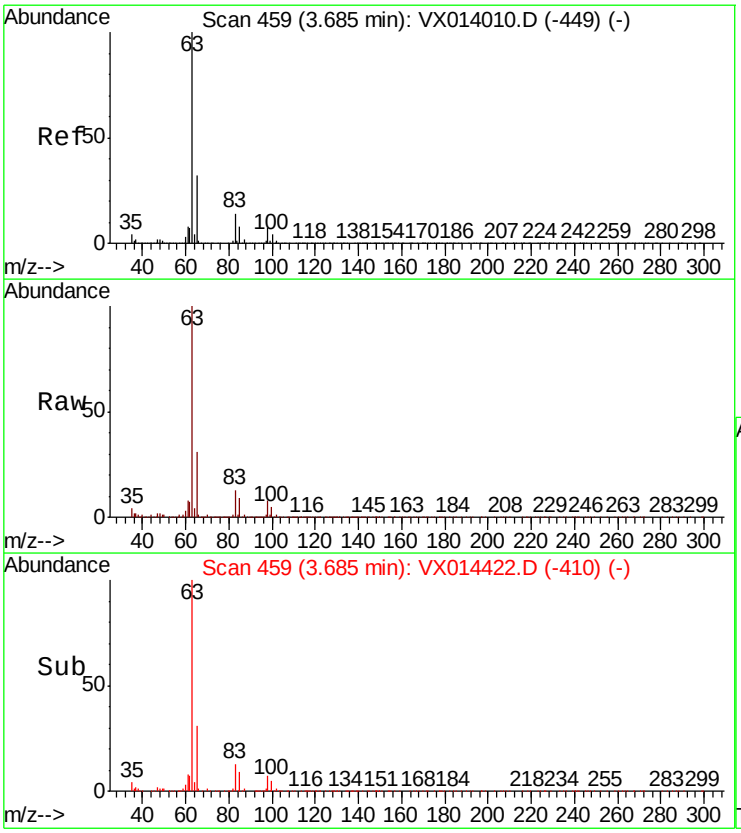

#23
Vinyl Acetate
Concen: 101.883 ug/l
RT: 3.80 min Scan# 478
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 43 Resp: 1375121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.5 | 8.6 | 12.8 |

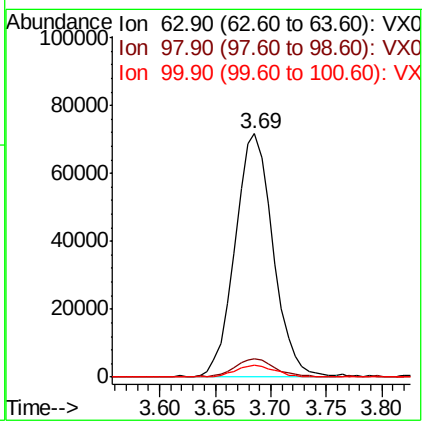


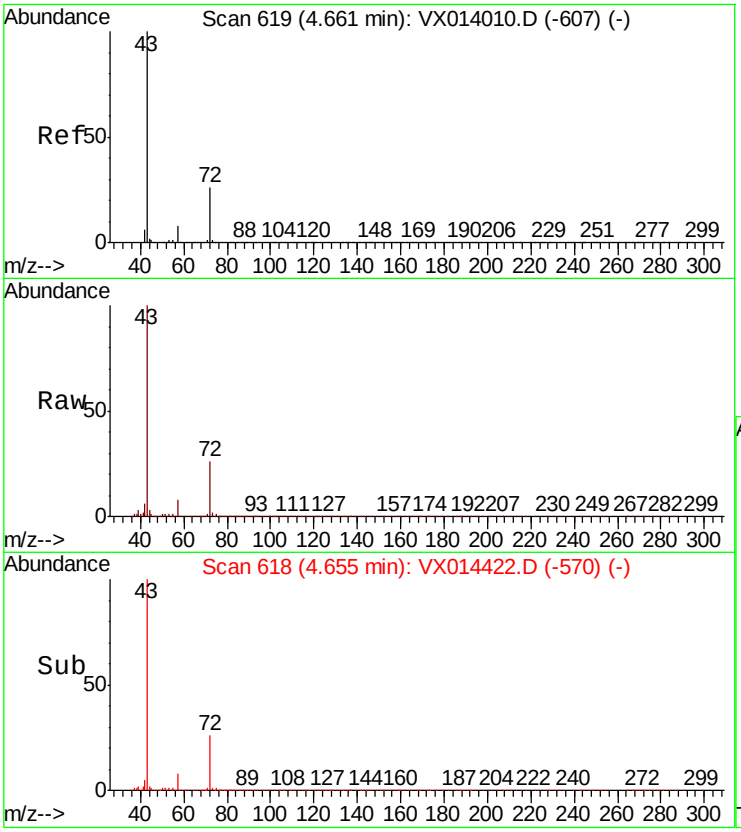




#24
1,1-Dichloroethane
Concen: 18.512 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 63 Resp: 170343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.4 | 3.6 | 10.8 |
| 100 | 4.6 | 2.3 | 6.8 |



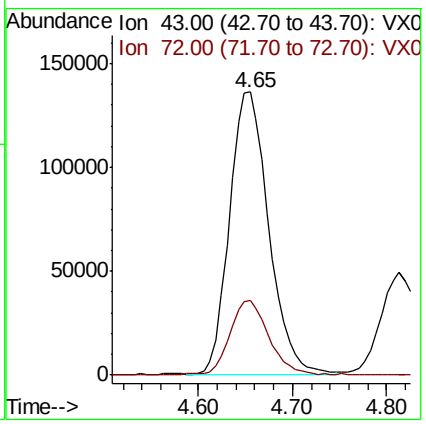


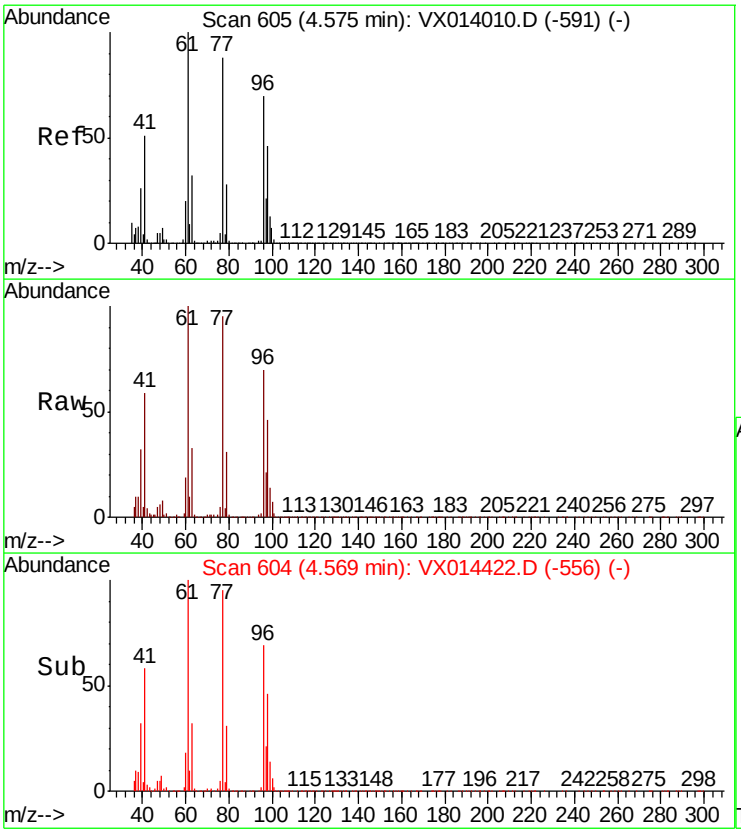

#25
2-Butanone
Concen: 89.715 ug/l
RT: 4.65 min Scan# 618
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 43 Resp: 393286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.1 | 21.0 | 31.4 |

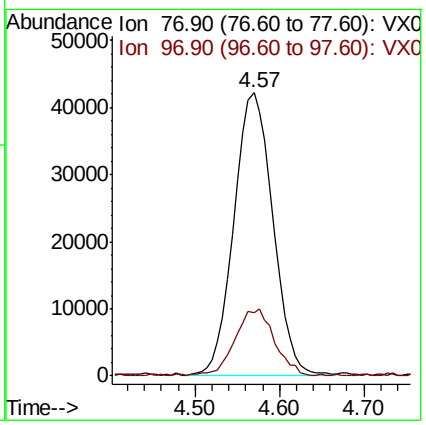


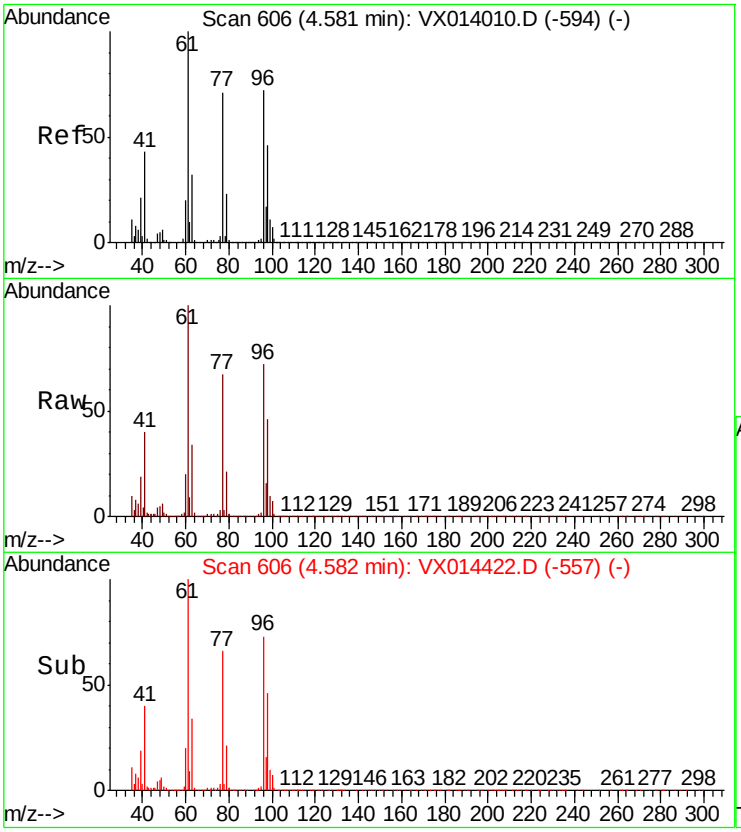




#26
2,2-Dichloropropane
Concen: 18.388 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 77 Resp: 131369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 24.3 | 11.9 | 35.9 |



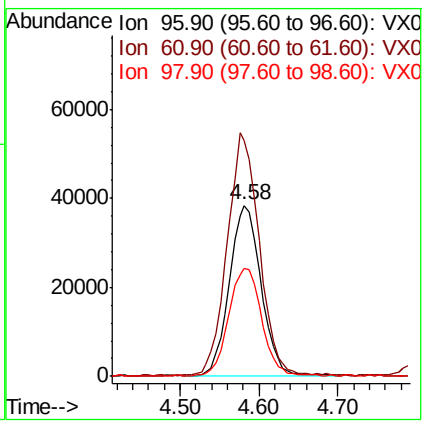


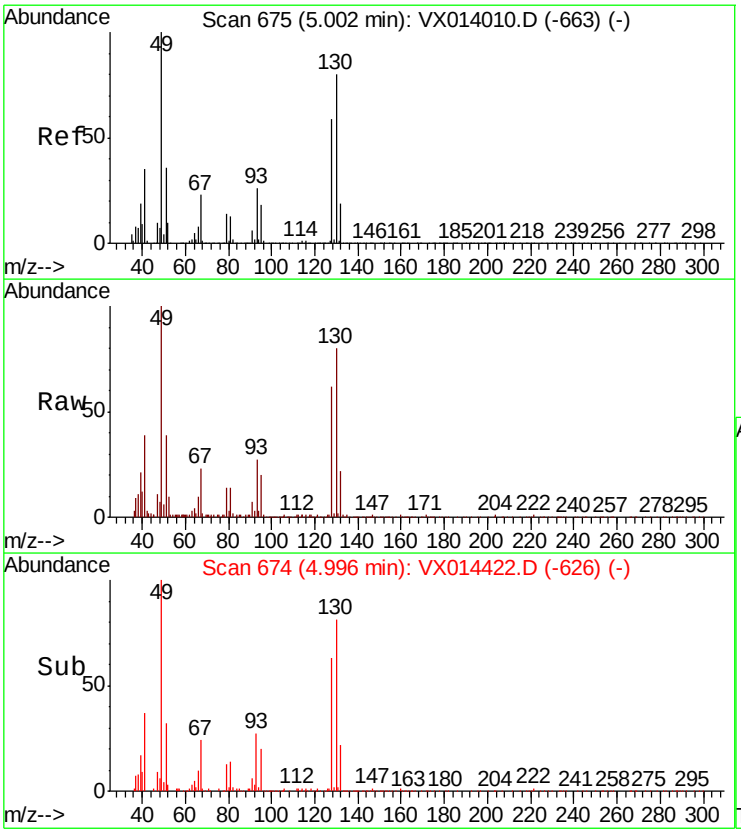

#27
cis-1,2-Dichloroethene
Concen: 18.564 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 96 Resp: 107519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 143.2 | 0.0 | 288.4 |
| 98 | 65.8 | 0.0 | 129.6 |

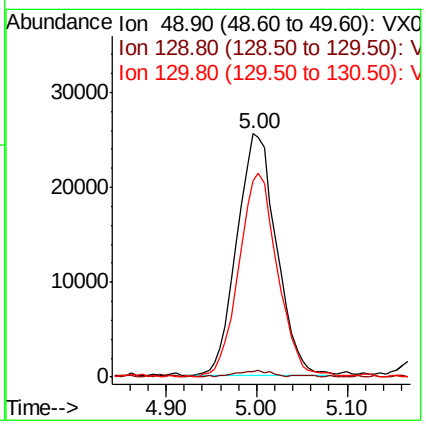


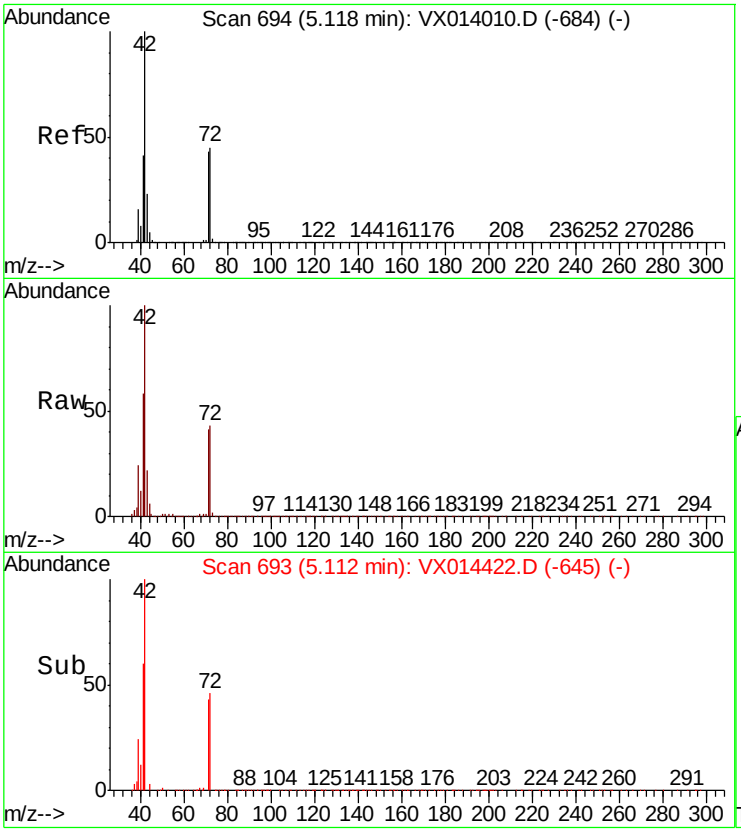




#28
Bromochloromethane
Concen: 22.204 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 49 Resp: 77675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.4 | 0.0 | 5.0 |
| 130 | 82.2 | 64.6 | 97.0 |



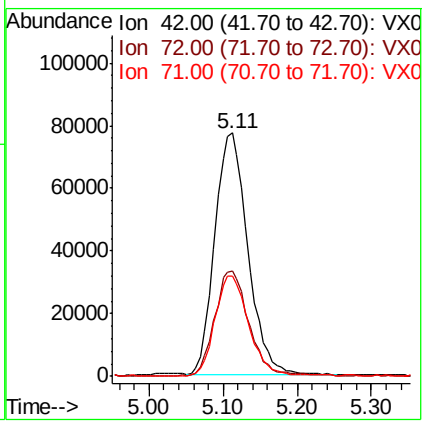


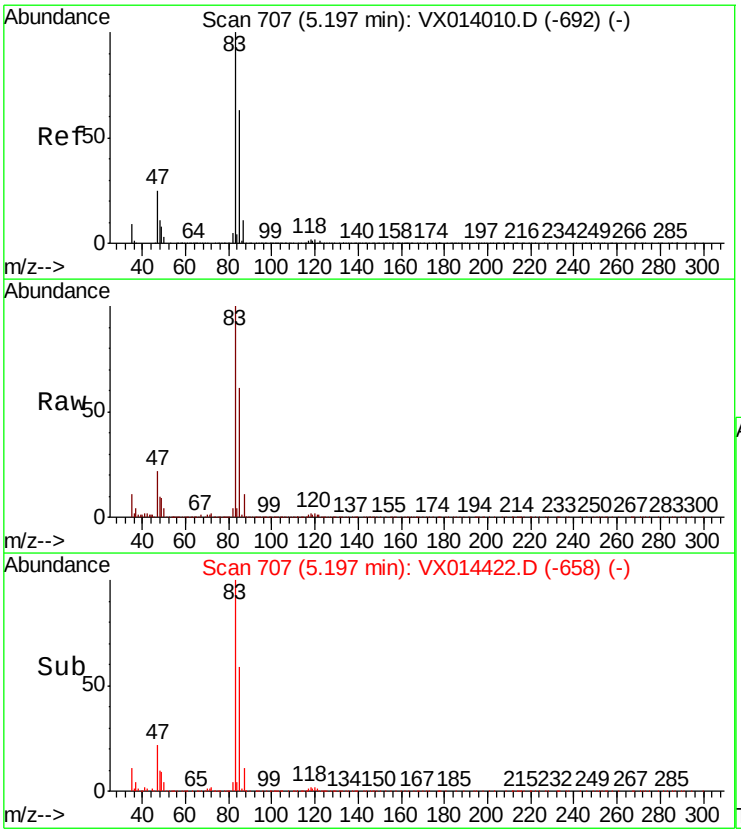

#29
Tetrahydrofuran
Concen: 97.647 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 42 Resp: 239425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 44.8 | 35.8 | 53.8 |
| 71 | 41.4 | 33.6 | 50.4 |

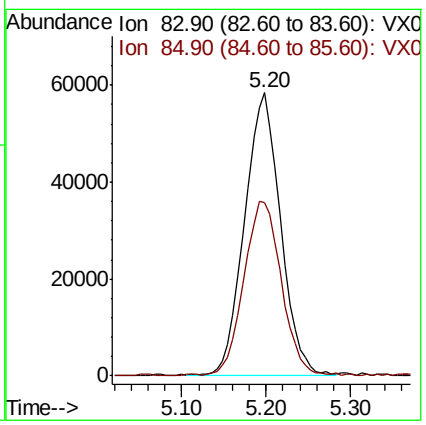


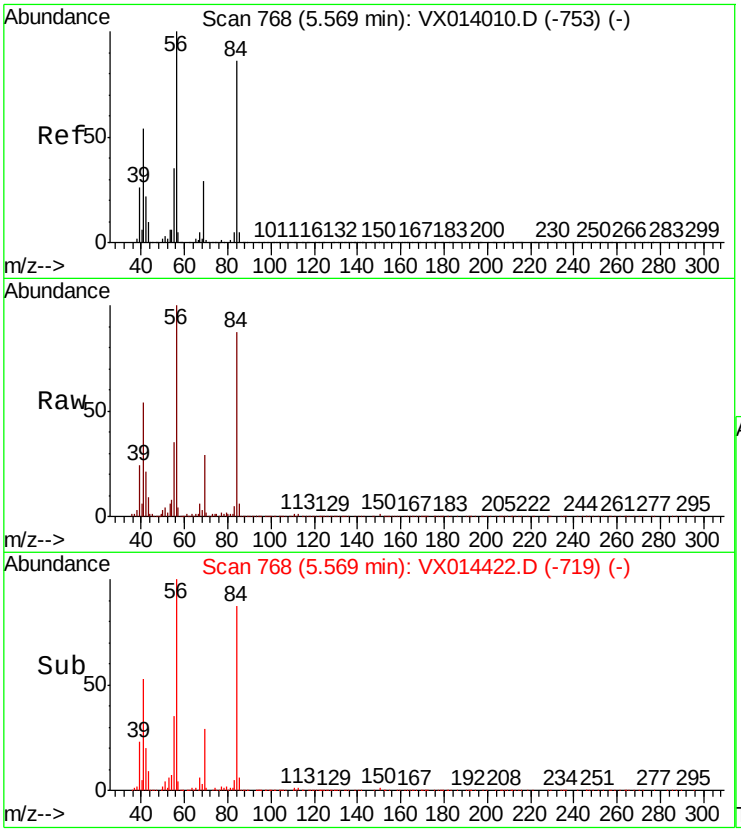




#30
Chloroform
Concen: 19.545 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 83 Resp: 170495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 60.7 | 50.8 | 76.2 |



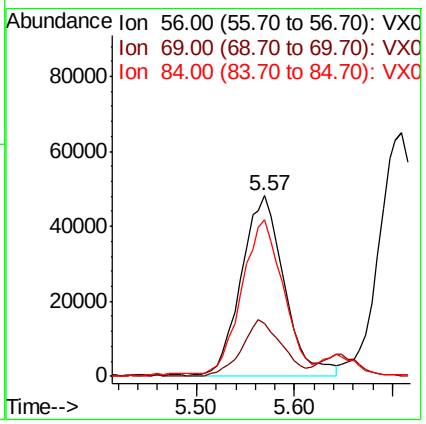


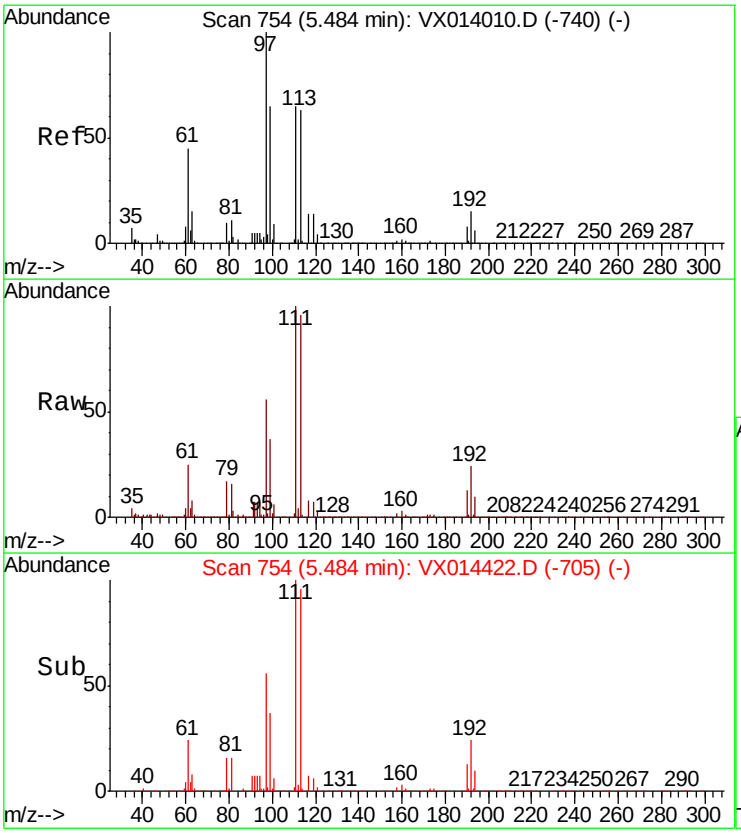

#31
Cyclohexane
Concen: 17.795 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 56 Resp: 145633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 29.3 | 23.2 | 34.8 |
| 84 | 85.4 | 69.2 | 103.8 |

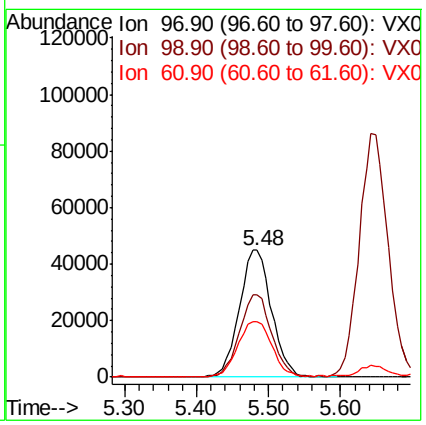


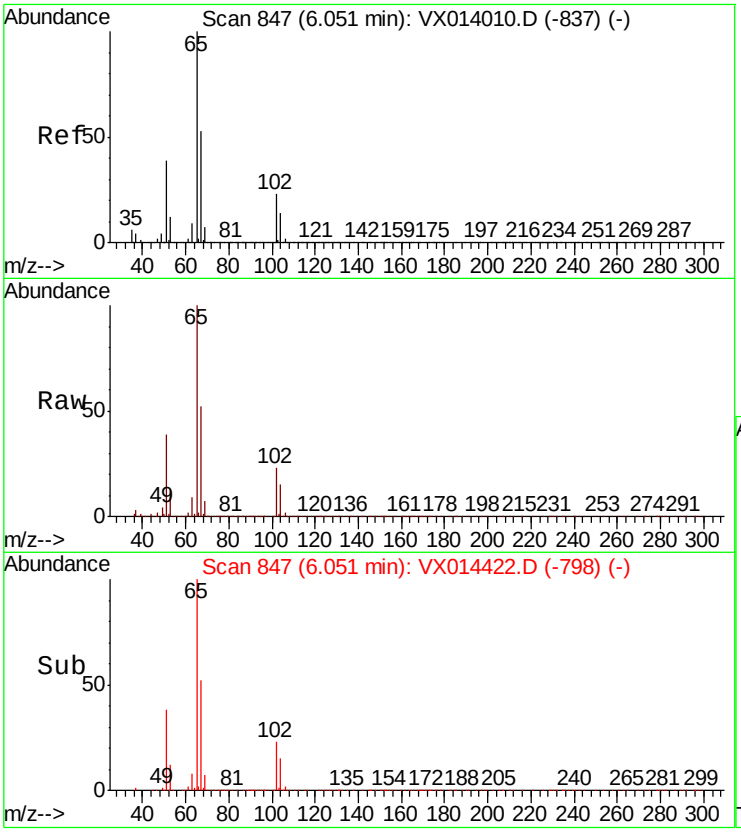




#32
1,1,1-Trichloroethane
Concen: 18.759 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 97 Resp: 139466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.8 | 52.0 | 78.0 |
| 61 | 45.7 | 36.7 | 55.1 |



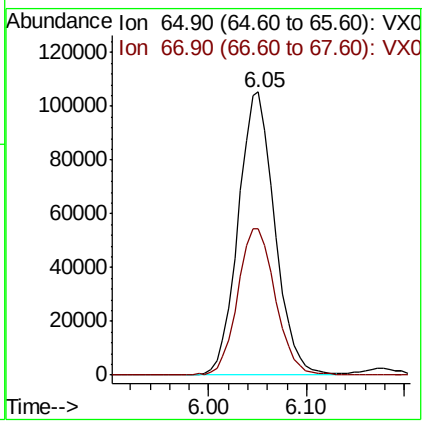


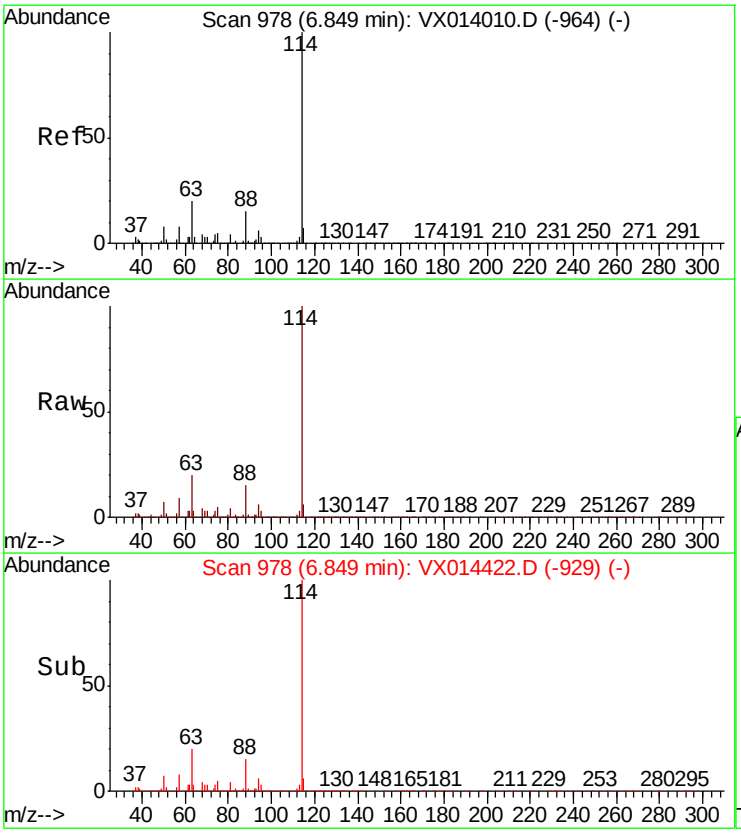

#33
1,2-Dichloroethane-d4
Concen: 49.640 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 65 Resp: 271874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.0 | 0.0 | 106.4 |

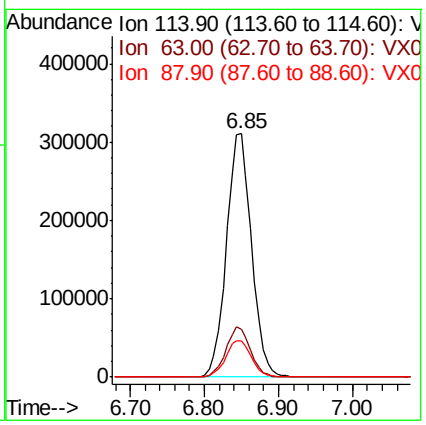


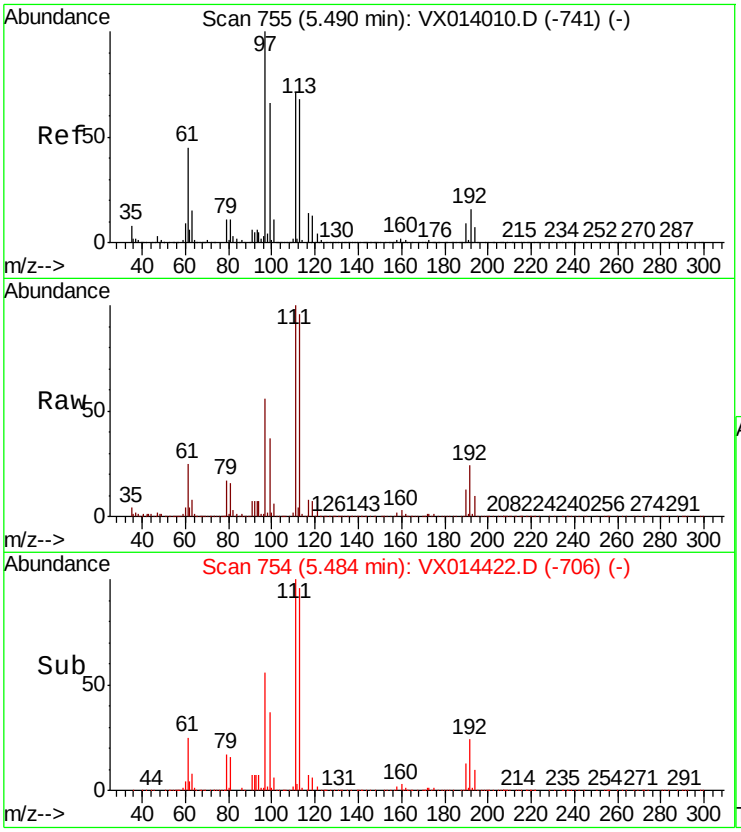




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion:114 Resp: 731703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.6 | 0.0 | 40.8 |
| 88 | 14.9 | 0.0 | 30.4 |



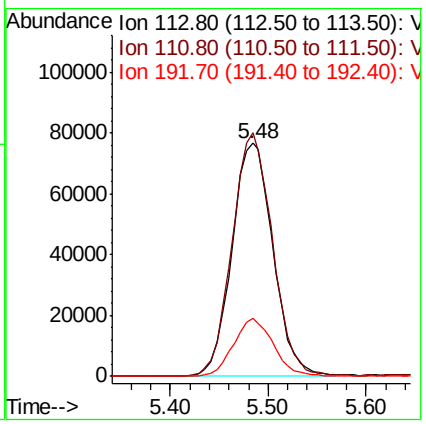


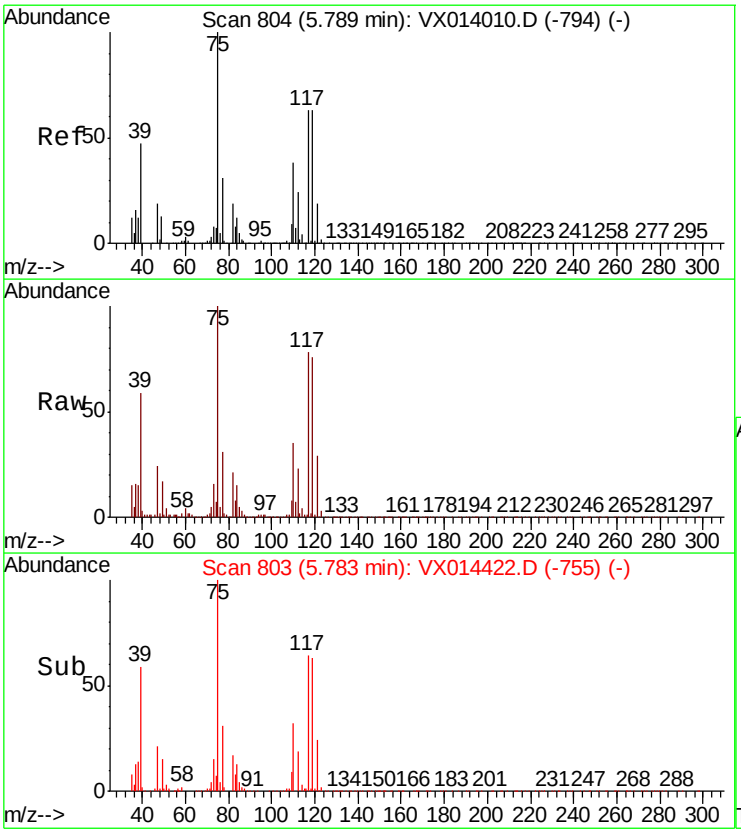

#35
Dibromofluoromethane
Concen: 50.017 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion:113 Resp: 222474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.6 | 82.0 | 123.0 |
| 192 | 24.3 | 19.3 | 28.9 |

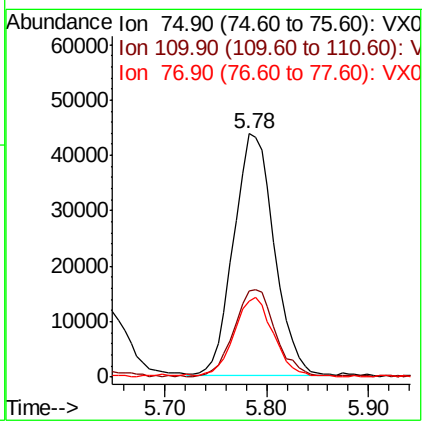


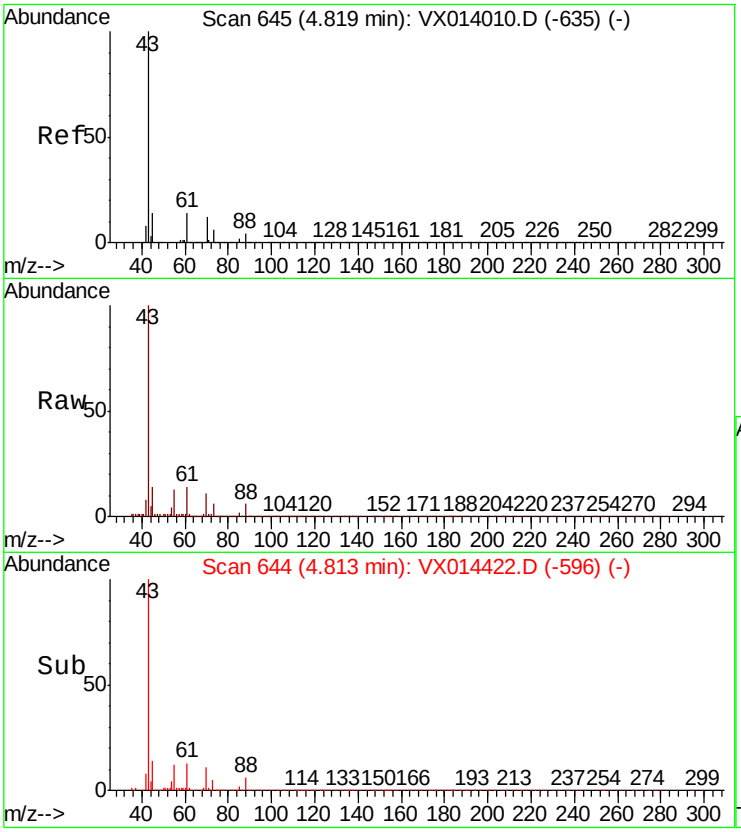




#36
1,1-Dichloropropene
Concen: 18.001 ug/l
RT: 5.78 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 75 Resp: 120857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 36.7 | 18.3 | 54.9 |
| 77 | 32.0 | 24.8 | 37.2 |



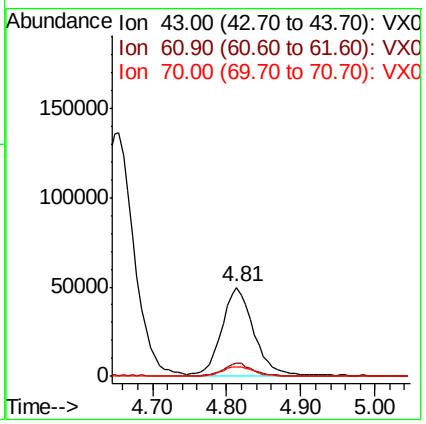


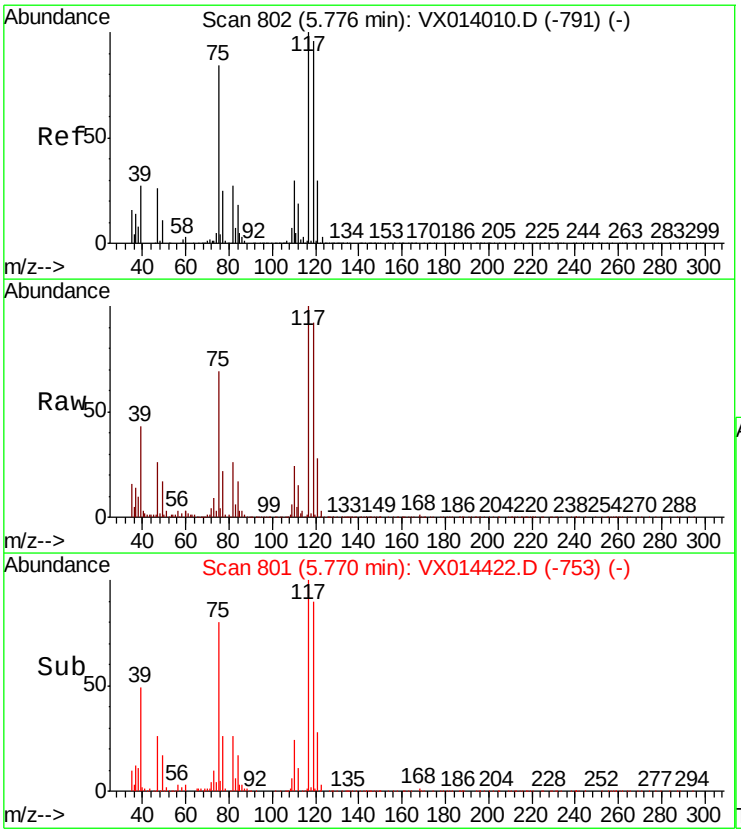

#37
Ethyl Acetate
Concen: 19.687 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 43 Resp: 145956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.7 | 10.8 | 16.2 |
| 70 | 11.5 | 8.6 | 12.8 |

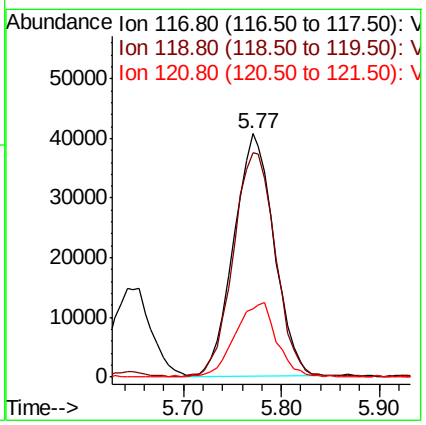


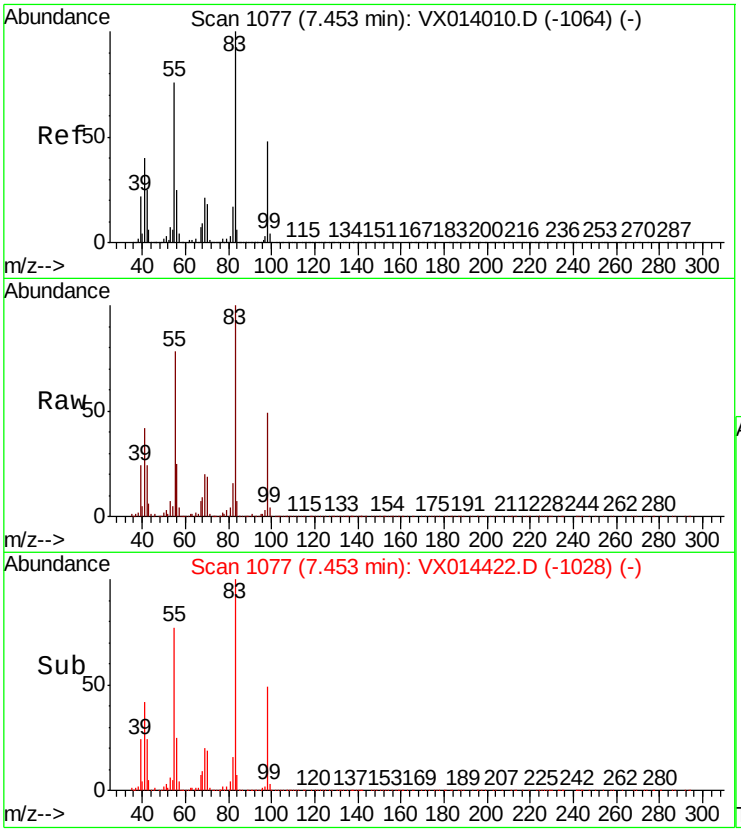




#38
Carbon Tetrachloride
Concen: 19.014 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion:117 Resp: 116291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 91.8 | 76.2 | 114.4 |
| 121 | 27.8 | 23.6 | 35.4 |



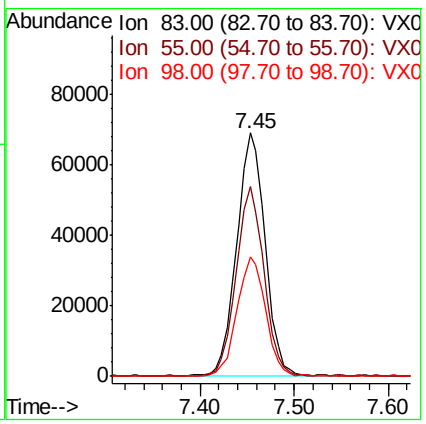


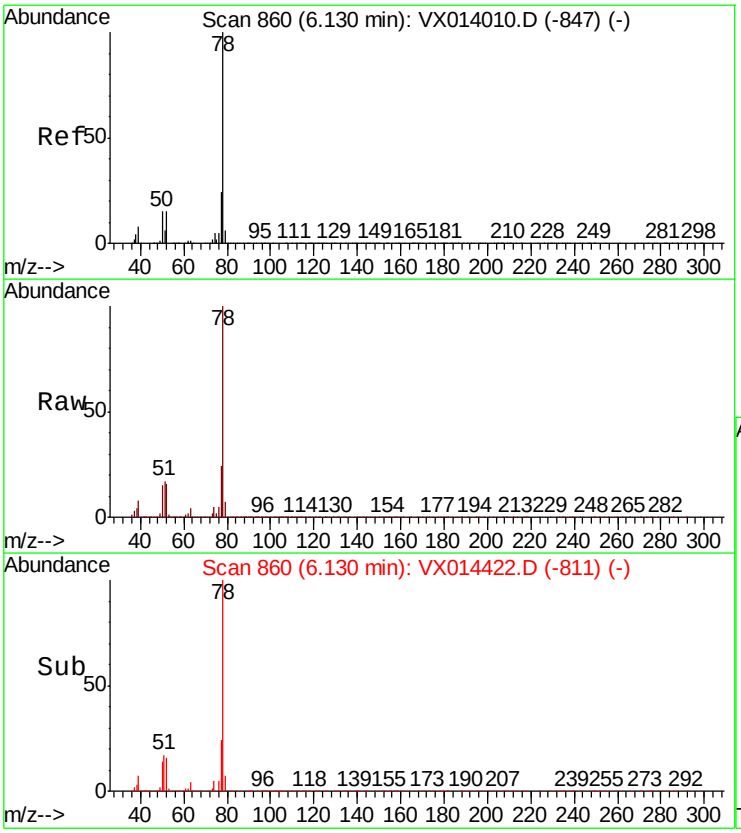

#39
Methylcyclohexane
Concen: 17.620 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 83 Resp: 146070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 77.7 | 61.0 | 91.6 |
| 98 | 48.9 | 38.6 | 57.8 |

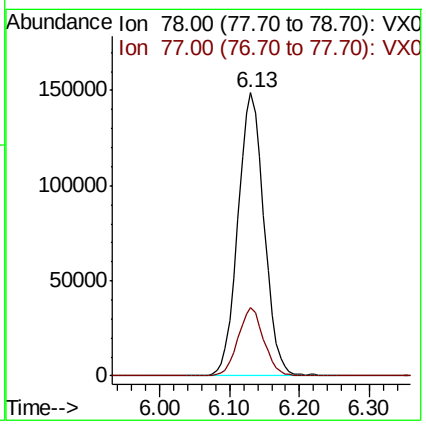


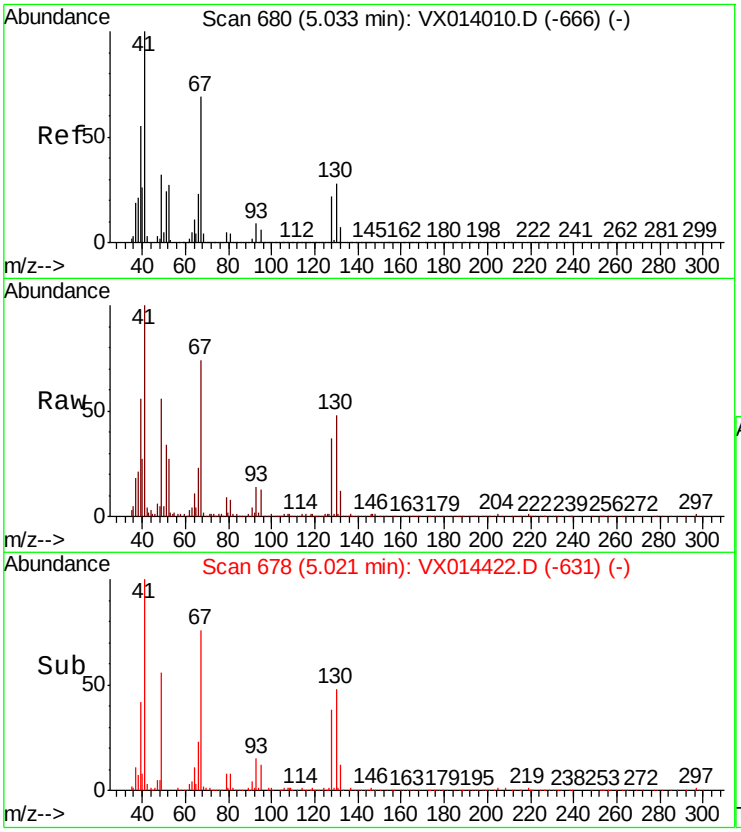




#40
Benzene
Concen: 18.661 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 78 Resp: 385492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.0 | 18.8 | 28.2 |



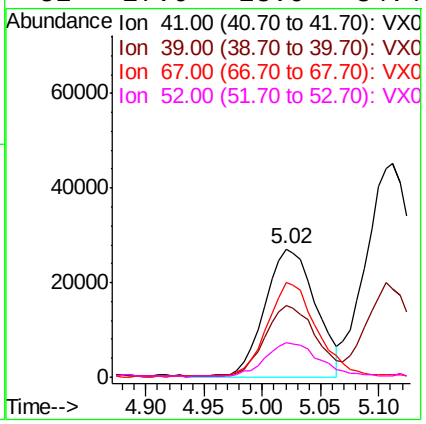


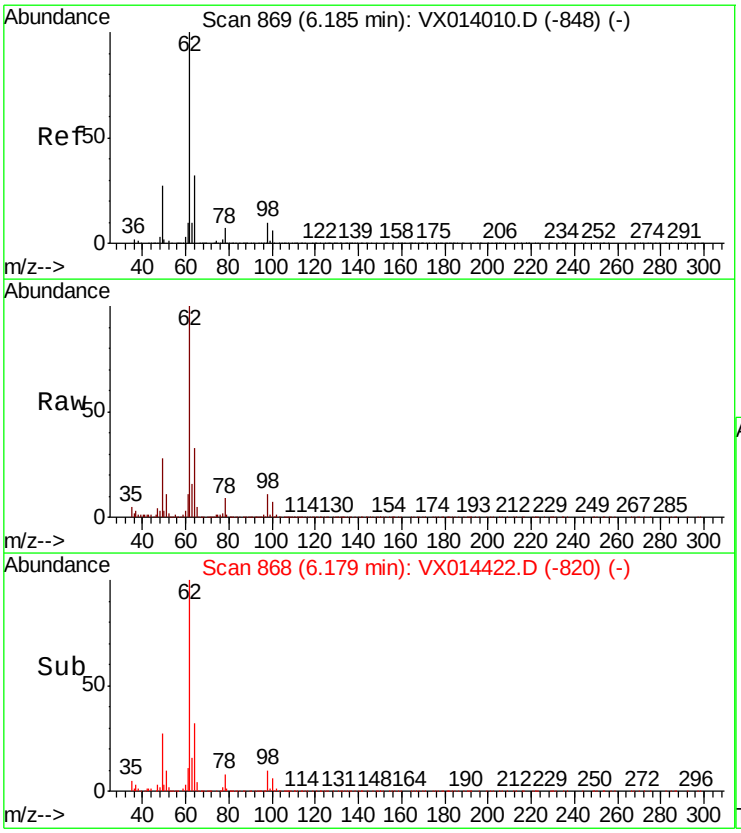

#41
Methacrylonitrile
Concen: 20.021 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 41 Resp: 82358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 56.2 | 44.5 | 66.7 |
| 67 | 70.7 | 57.4 | 86.0 |
| 52 | 27.6 | 23.0 | 34.4 |

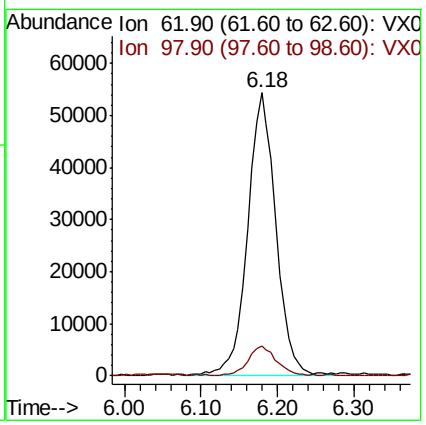


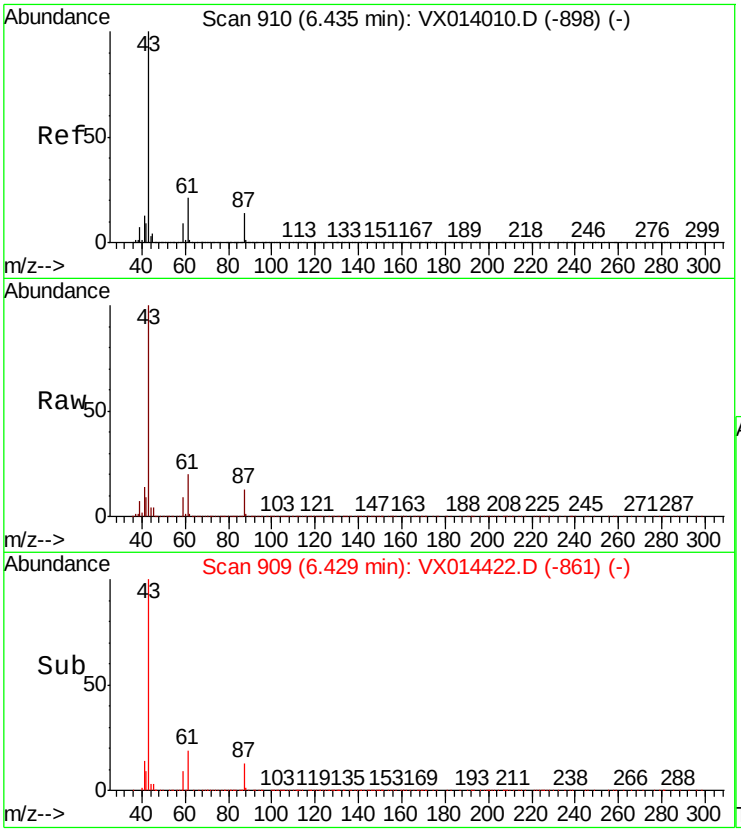




#42
1,2-Dichloroethane
Concen: 19.869 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 62 Resp: 139129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.2 | 0.0 | 21.0 |



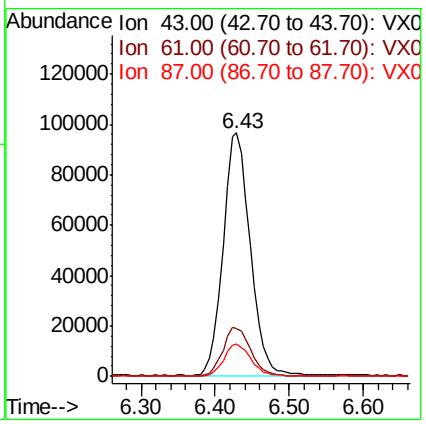


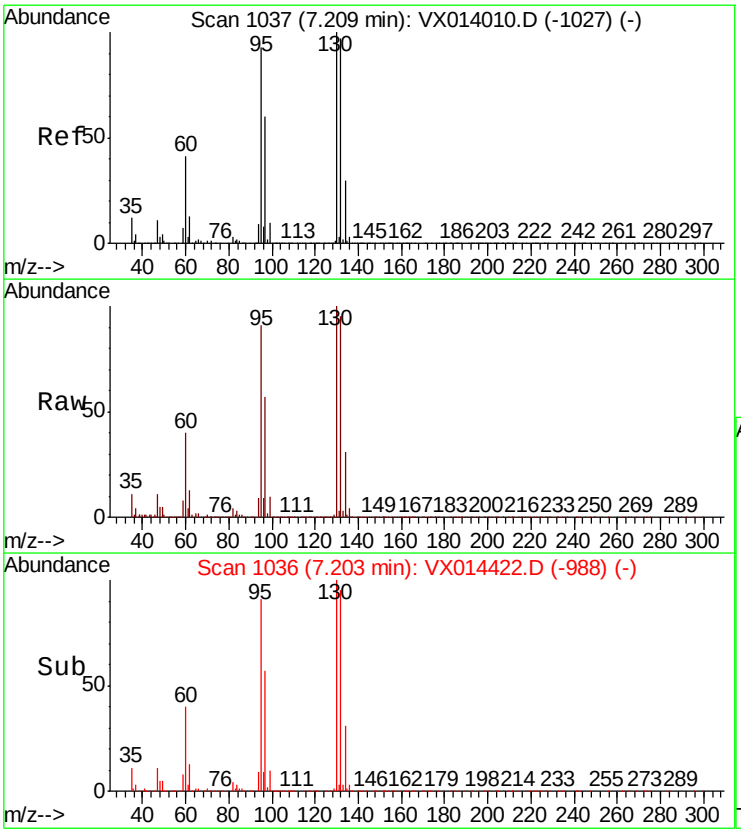

#43
Isopropyl Acetate
Concen: 19.995 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 43 Resp: 245330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.8 | 16.4 | 24.6 |
| 87 | 13.4 | 10.7 | 16.1 |

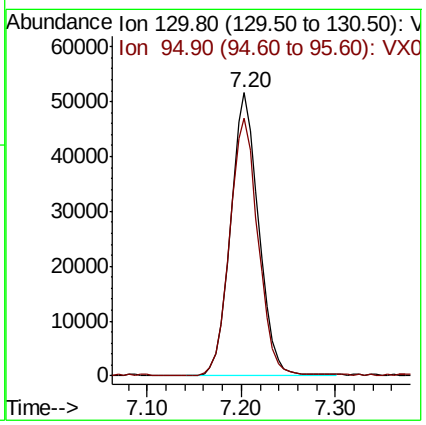


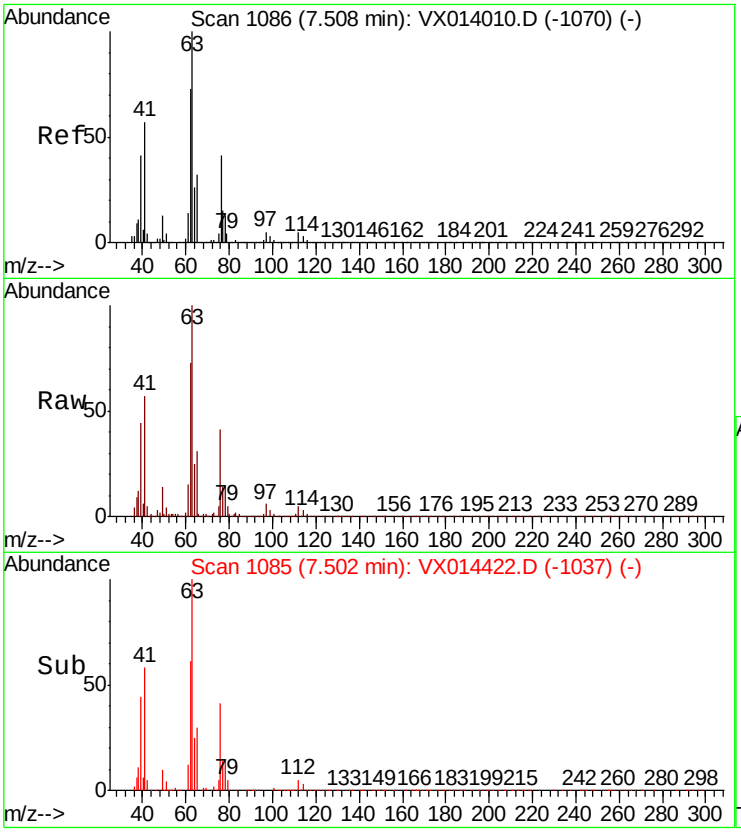




#44
Trichloroethene
Concen: 18.585 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion:130 Resp: 106041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 91.0 | 0.0 | 185.6 |



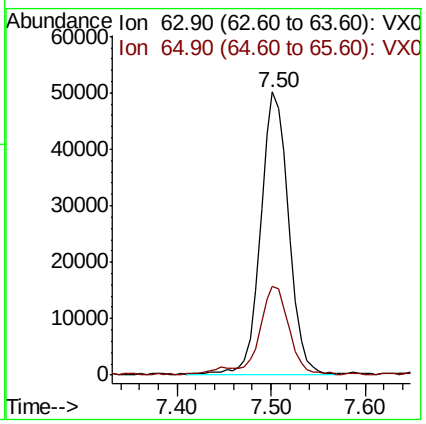


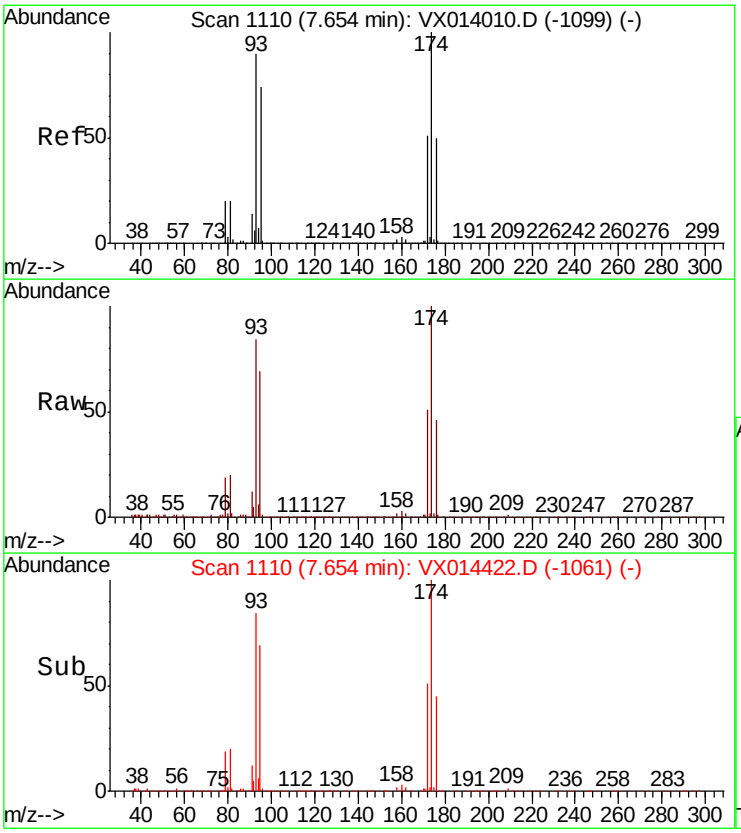

#45
1,2-Dichloropropane
Concen: 19.630 ug/l
RT: 7.50 min Scan# 1085
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 63 Resp: 103934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.2 | 25.8 | 38.8 |

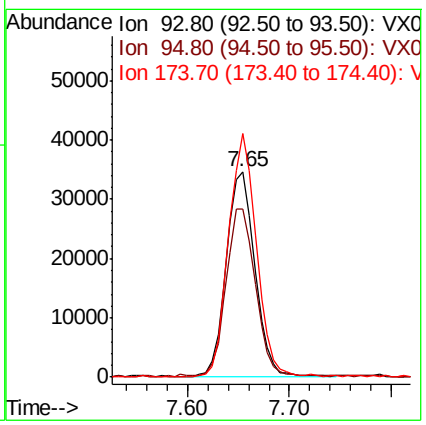


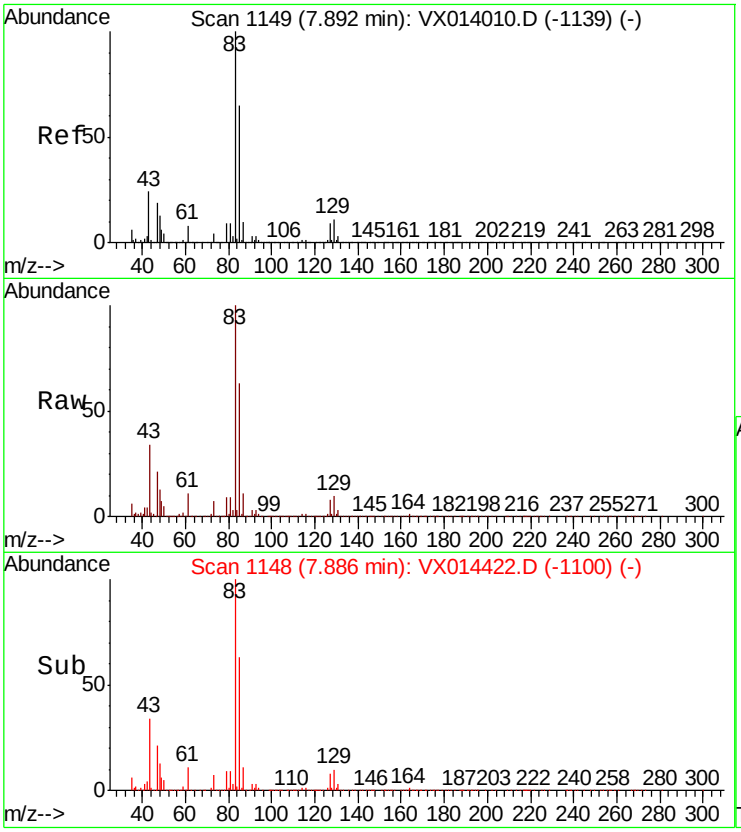




#46
Dibromomethane
Concen: 19.231 ug/l
RT: 7.65 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 93 Resp: 67321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.5 | 67.3 | 100.9 |
| 174 | 116.2 | 91.6 | 137.4 |



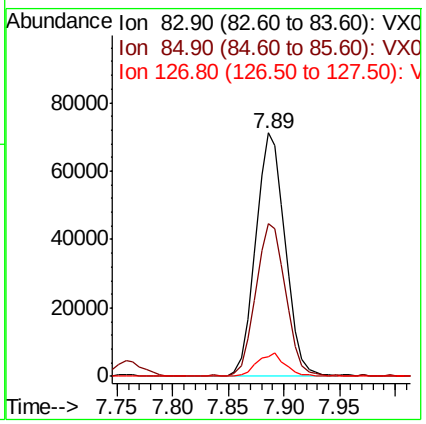


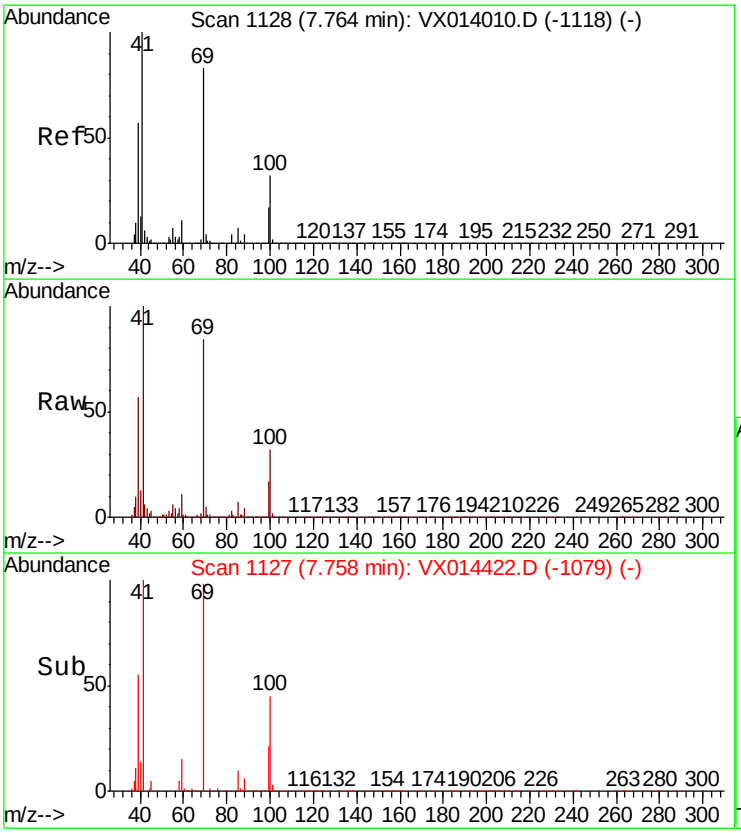

#47
Bromodichloromethane
Concen: 19.885 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 83 Resp: 131101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.6 | 51.8 | 77.8 |
| 127 | 8.1 | 7.0 | 10.4 |

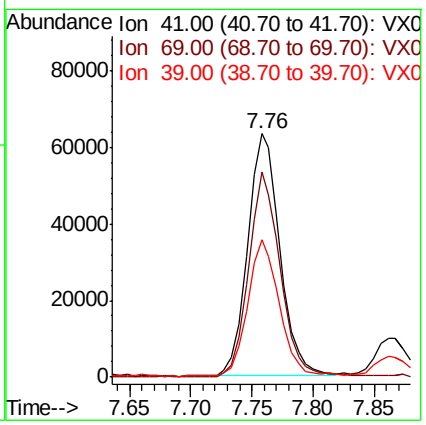


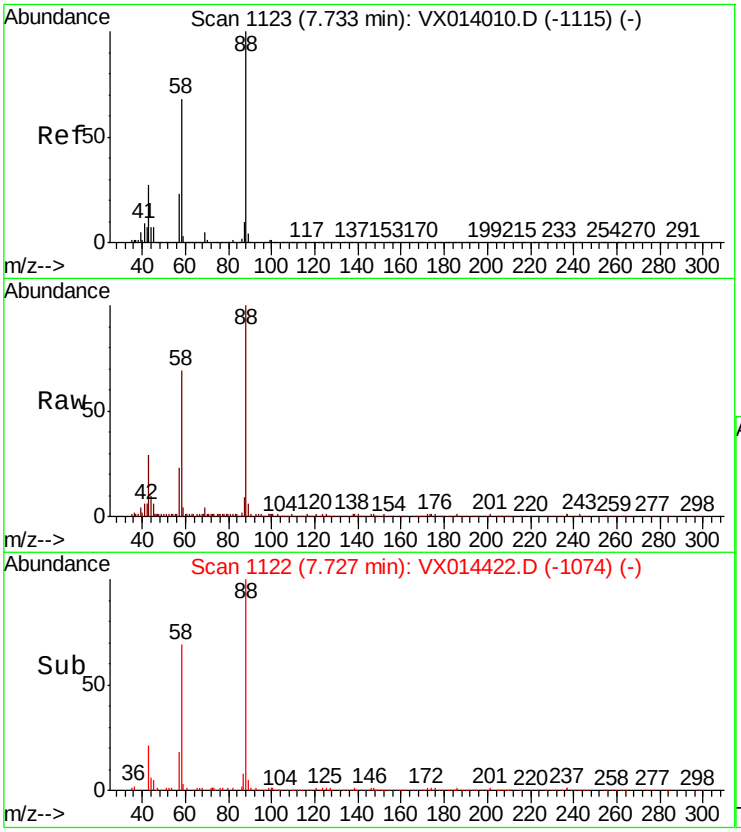




#48
Methyl methacrylate
Concen: 19.367 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 41 Resp: 116362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 82.8 | 65.8 | 98.6 |
| 39 | 54.7 | 44.6 | 67.0 |



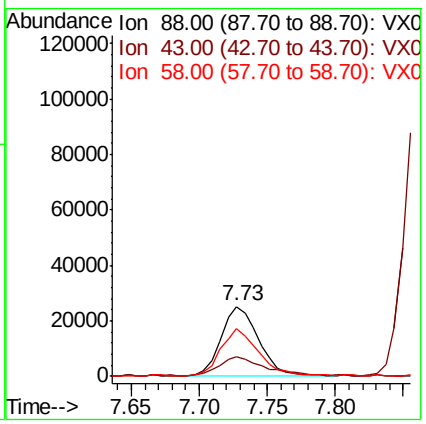


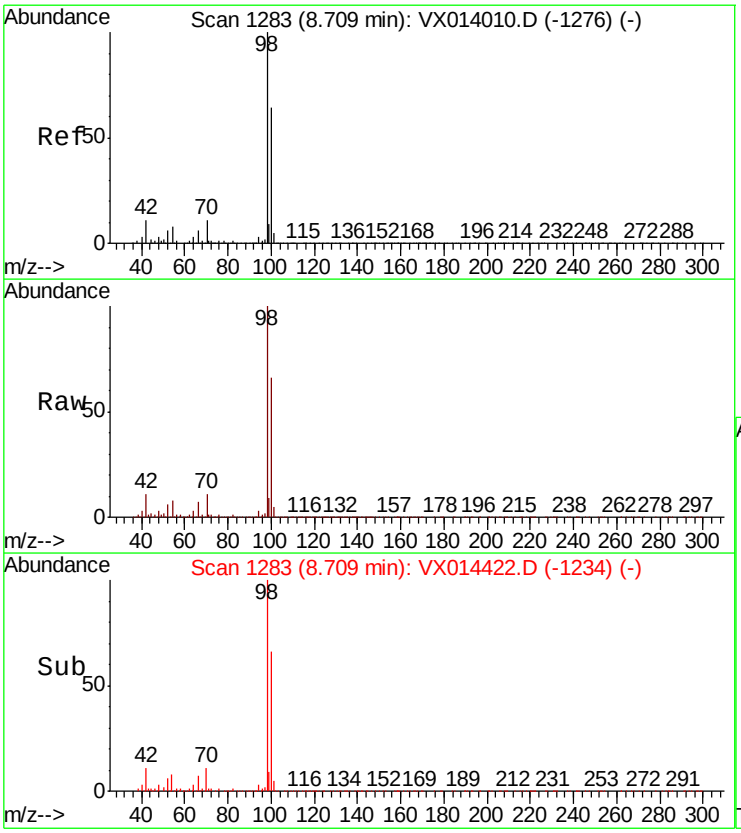

#49
1,4-Dioxane
Concen: 394.007 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 88 Resp: 48174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 37.2 | 26.5 | 39.7 |
| 58 | 68.6 | 56.8 | 85.2 |

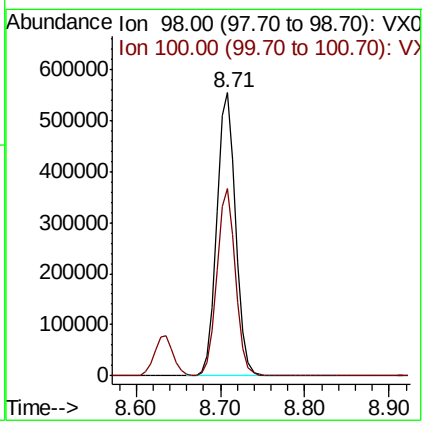


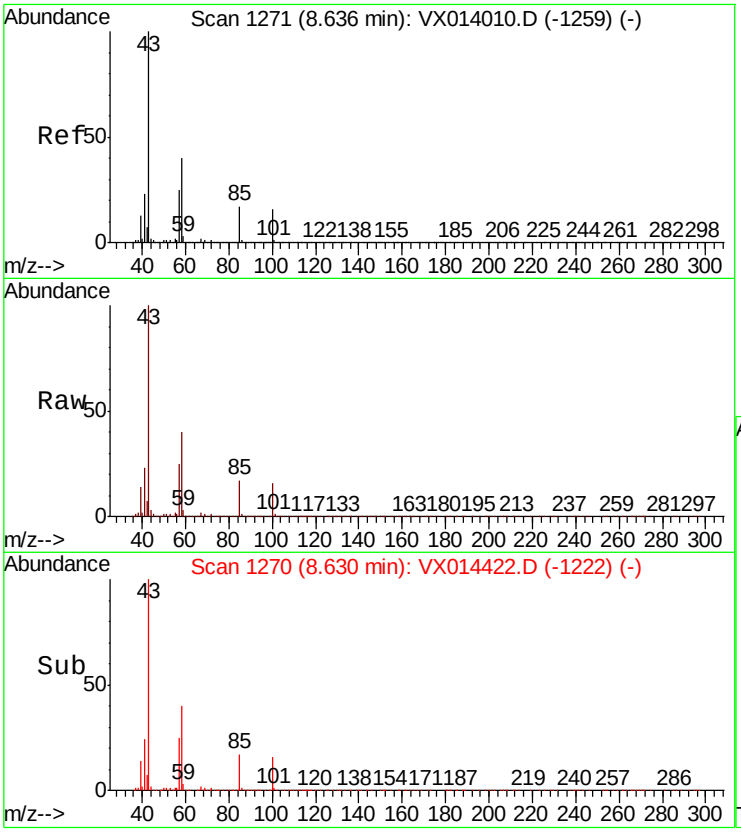




#50
Toluene-d8
Concen: 49.427 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 98 Resp: 855925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.1 | 52.9 | 79.3 |



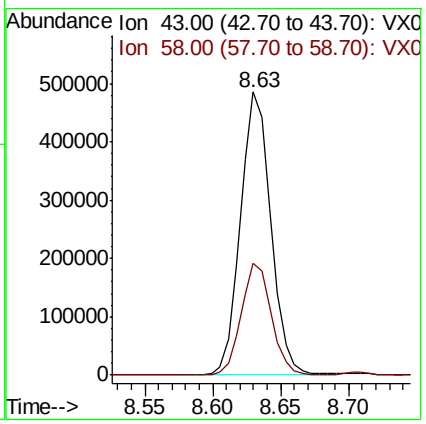


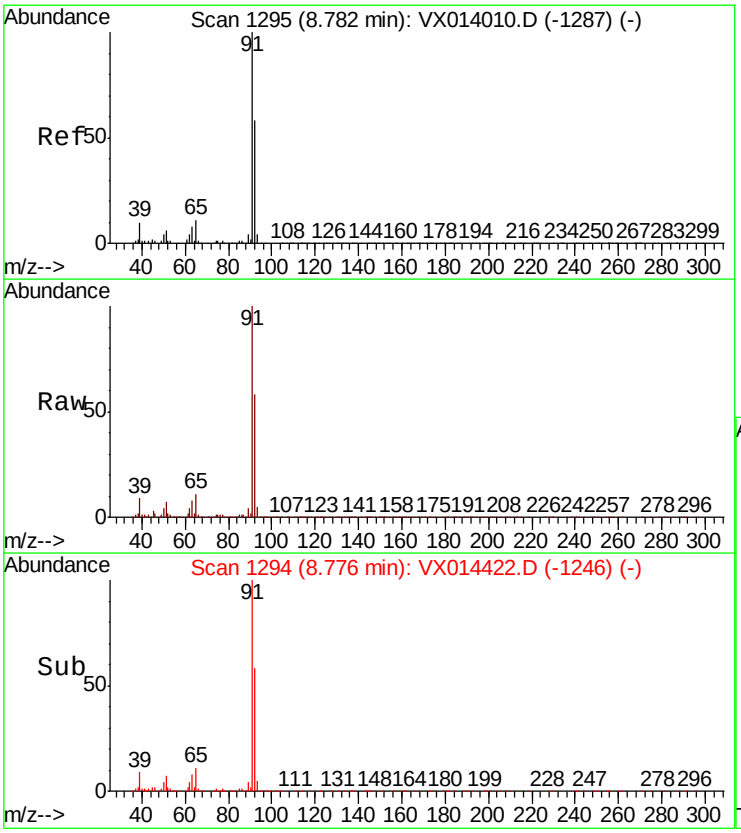

#51
4-Methyl-2-Pentanone
Concen: 98.281 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 43 Resp: 757309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.3 | 32.2 | 48.2 |

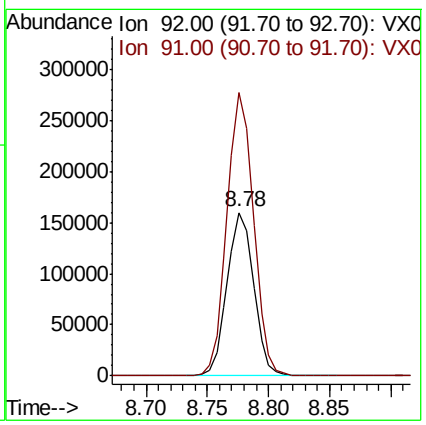


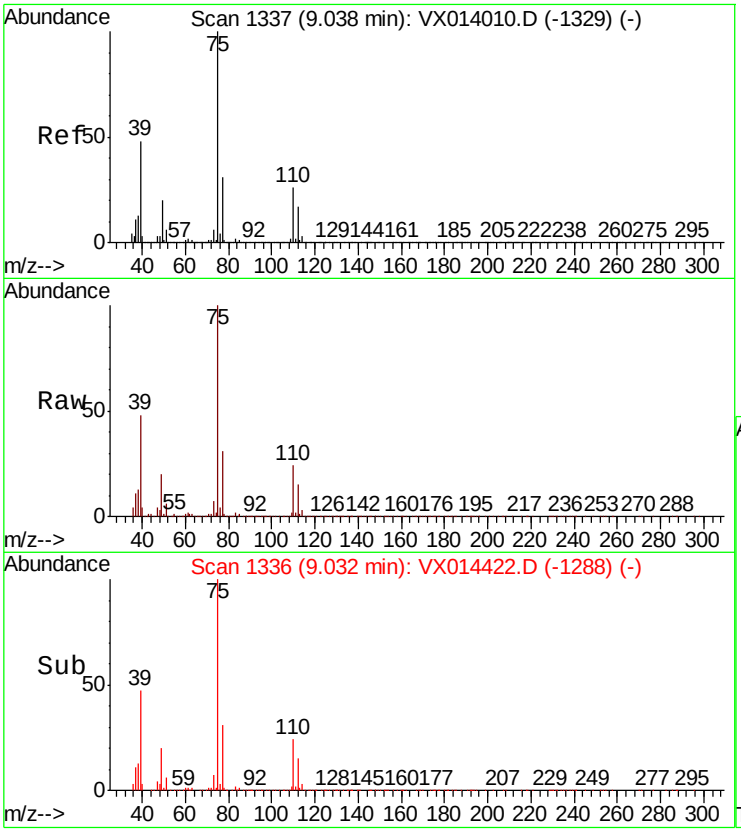




#52
Toluene
Concen: 18.392 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 92 Resp: 240143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 173.8 | 136.2 | 204.4 |



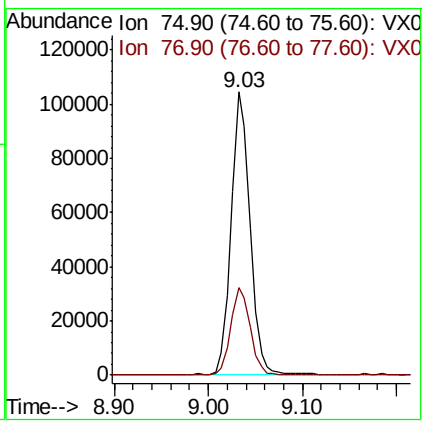


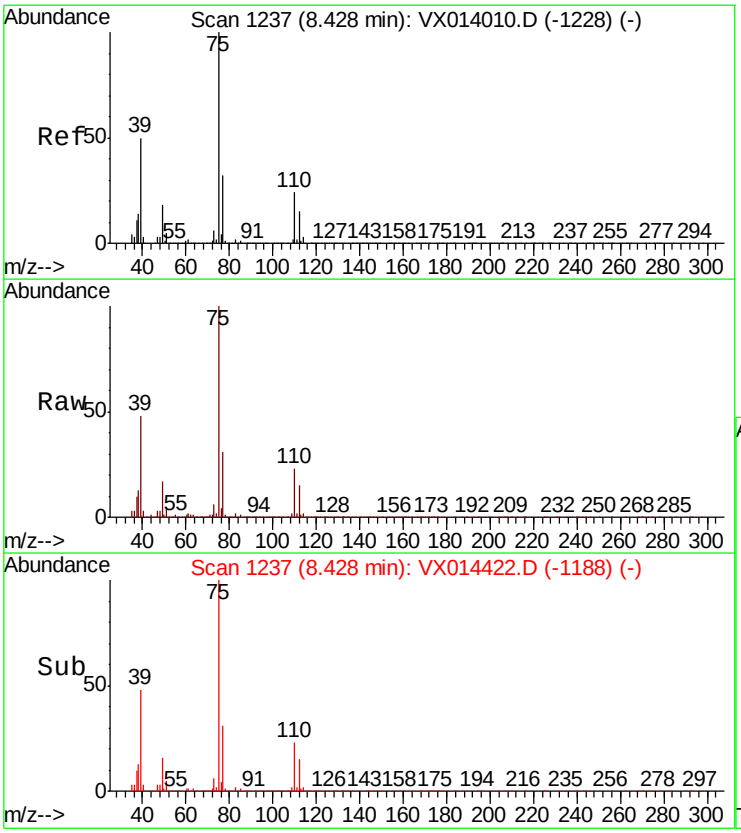

#53
t-1,3-Dichloropropene
Concen: 20.077 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 75 Resp: 145142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.0 | 25.1 | 37.7 |

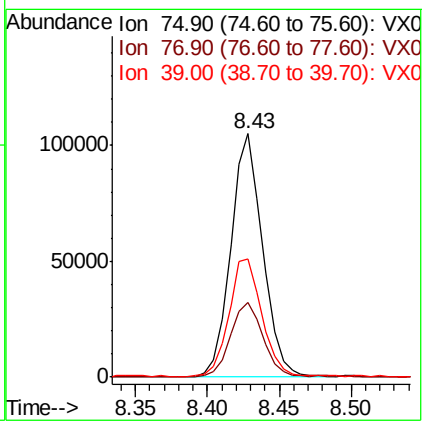


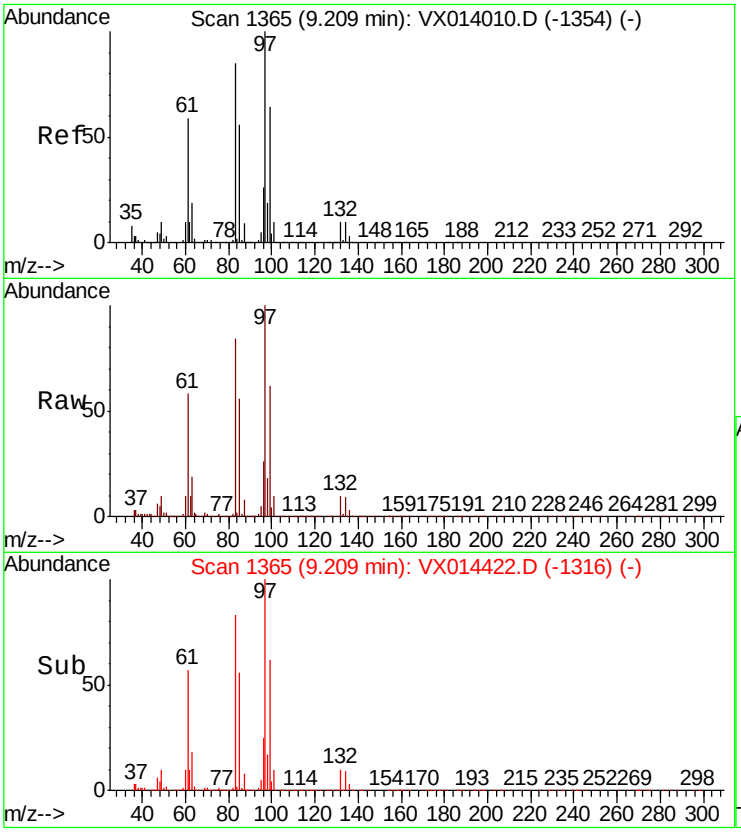




#54
cis-1,3-Dichloropropene
Concen: 19.999 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 75 Resp: 161064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.4 | 25.3 | 37.9 |
| 39 | 48.2 | 39.9 | 59.9 |



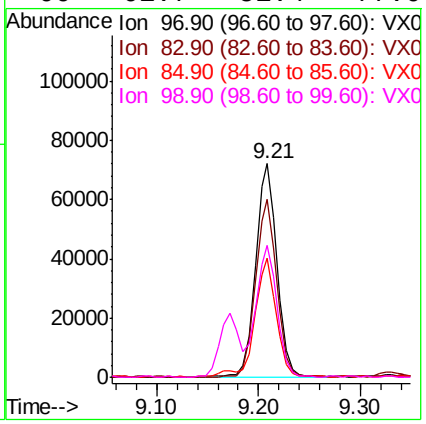


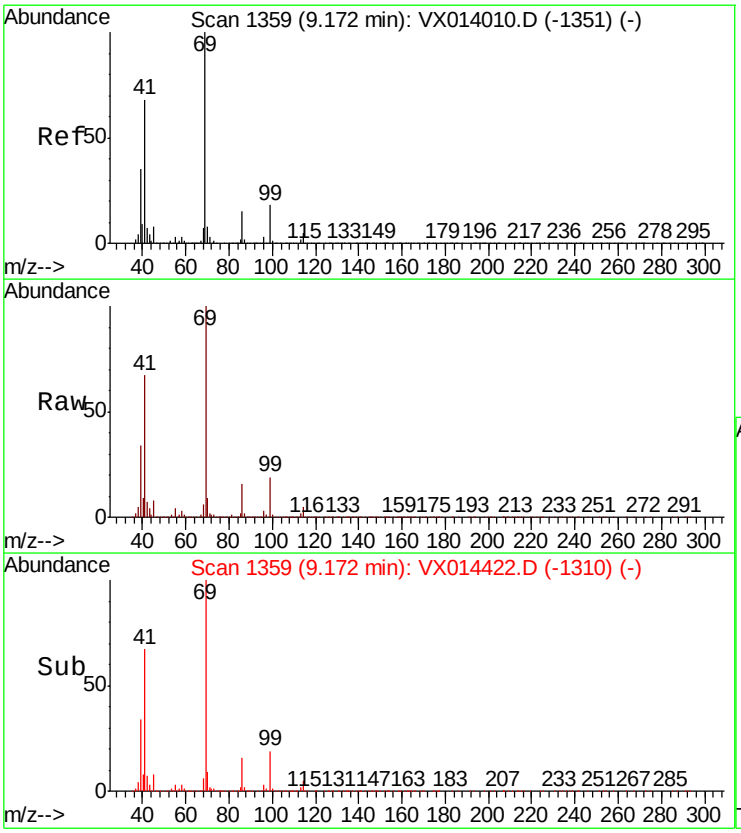

#55
1,1,2-Trichloroethane
Concen: 20.052 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 97 Resp: 104934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 83.5 | 68.2 | 102.4 |
| 85 | 55.8 | 44.6 | 66.8 |
| 99 | 61.7 | 51.4 | 77.0 |

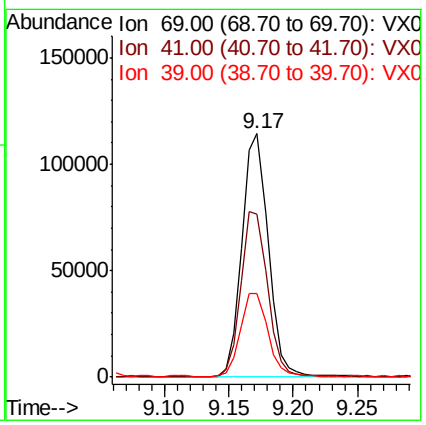


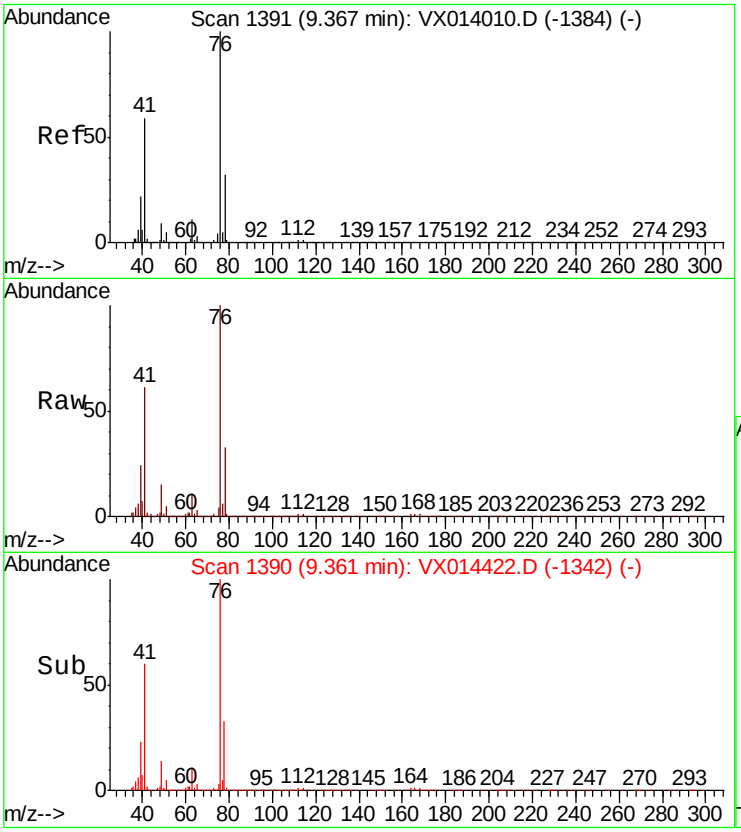




#56
Ethyl methacrylate
Concen: 19.508 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 69 Resp: 160365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 69.1 | 54.8 | 82.2 |
| 39 | 36.0 | 28.3 | 42.5 |



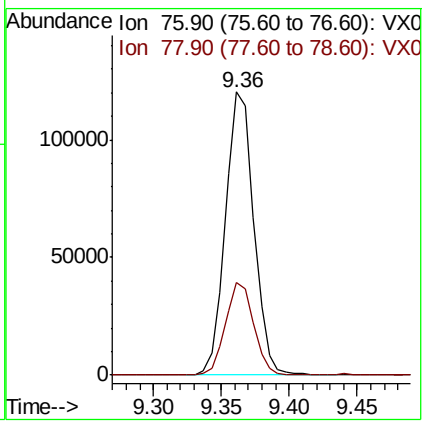


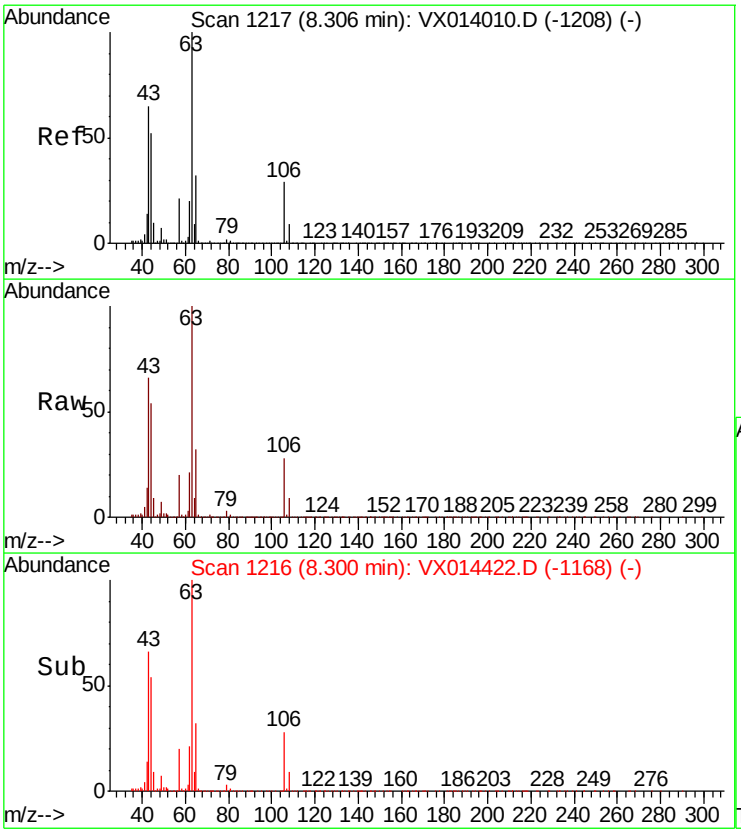

#57
1,3-Dichloropropane
Concen: 19.807 ug/l
RT: 9.36 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 76 Resp: 174390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.2 | 25.8 | 38.6 |

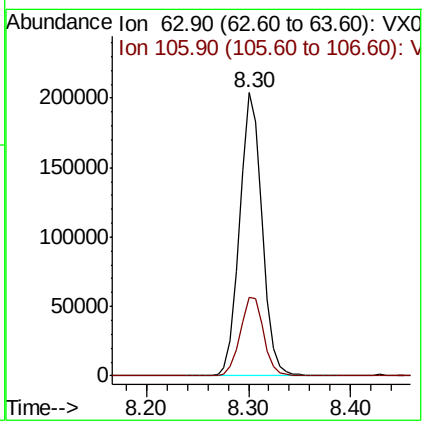


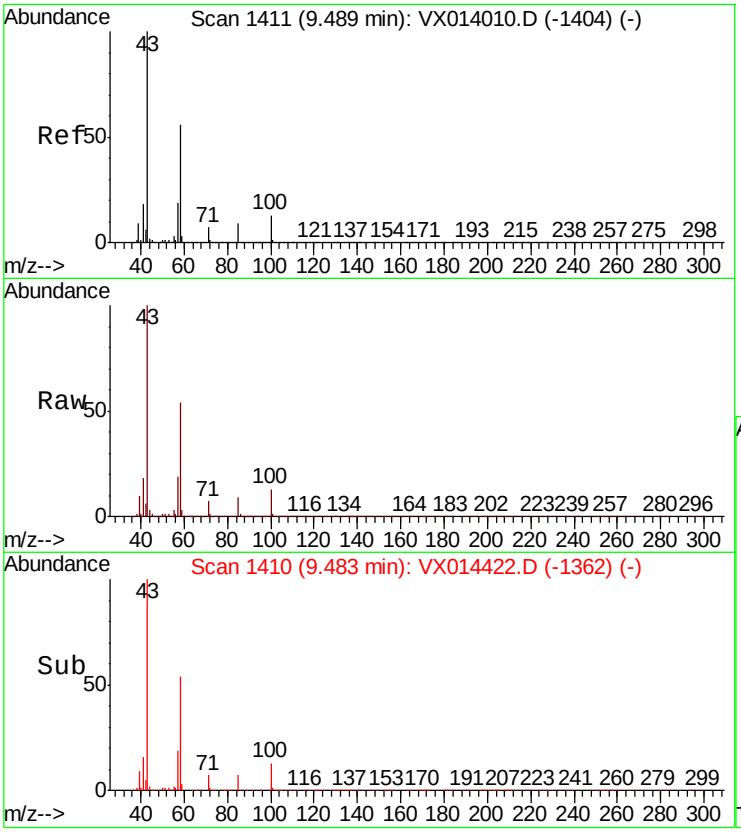




#58
2-Chloroethyl Vinyl ether
Concen: 99.069 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 63 Resp: 308192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 28.8 | 23.0 | 34.6 |



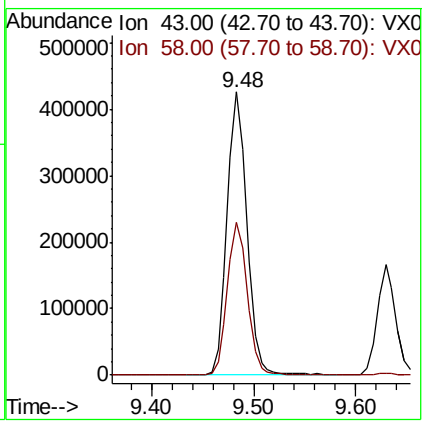


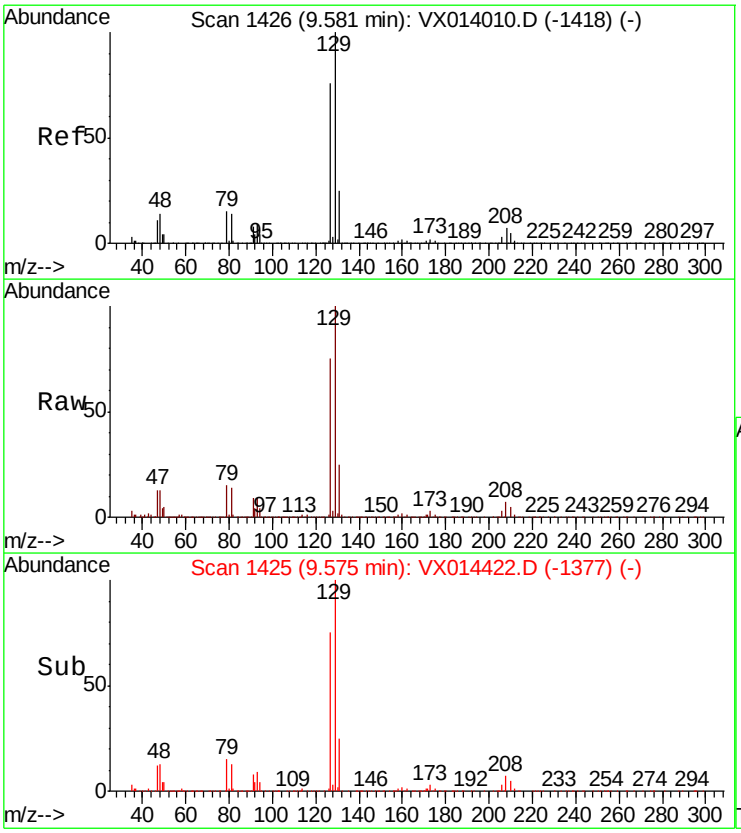

#59
2-Hexanone
Concen: 92.019 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 43 Resp: 570796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 54.5 | 28.0 | 84.0 |

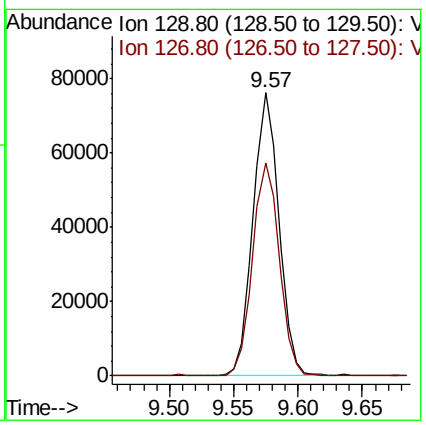


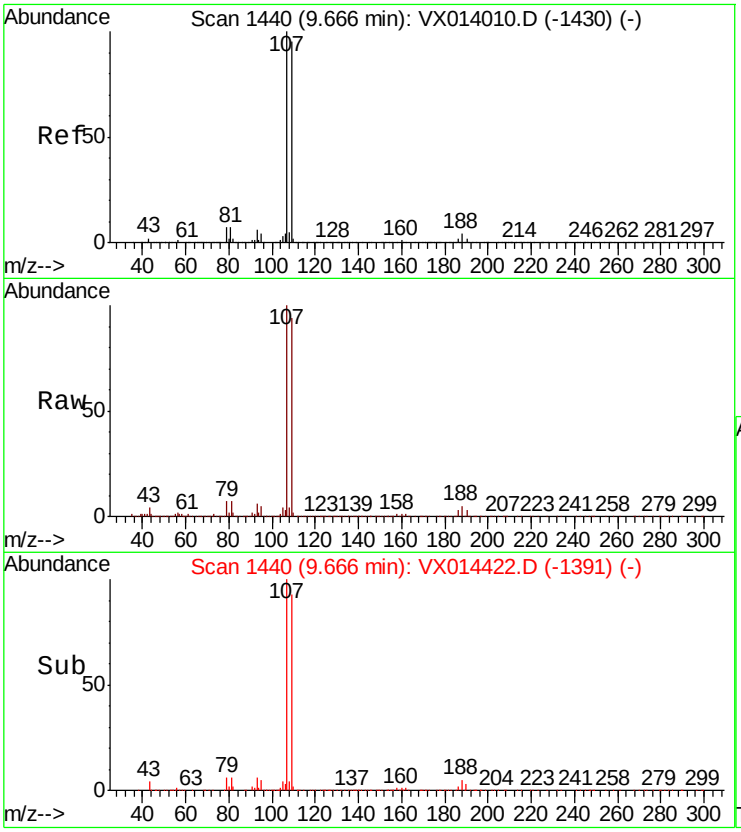




#60
Dibromochloromethane
Concen: 20.310 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion:129 Resp: 105650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.3 | 38.4 | 115.2 |



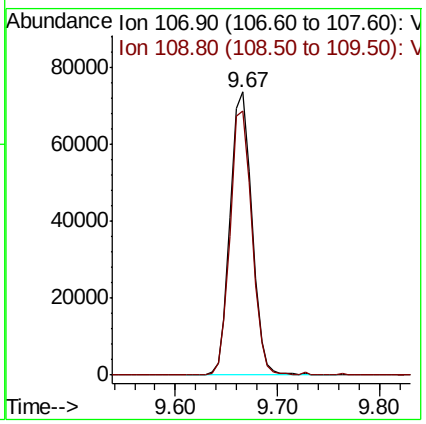


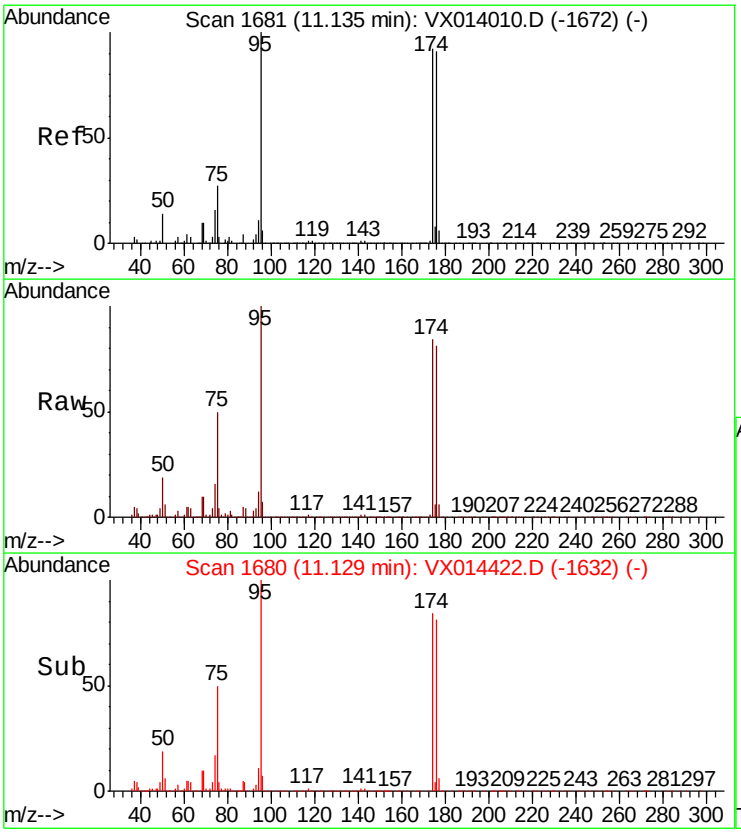

#61
1,2-Dibromoethane
Concen: 20.138 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion:107 Resp: 107824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.5 | 75.7 | 113.5 |

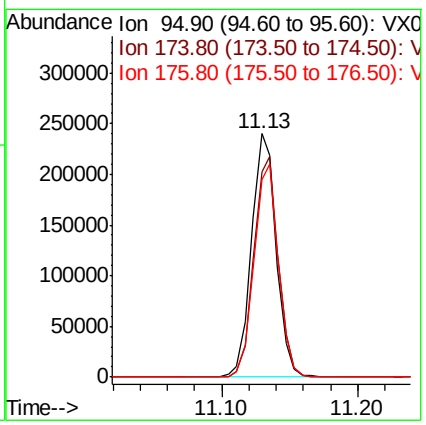


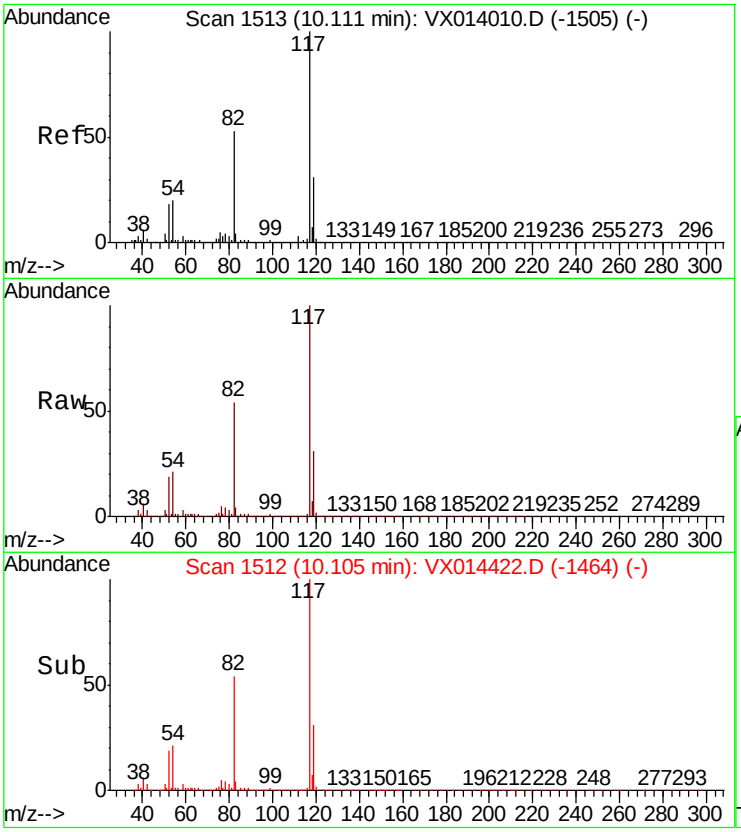




#62
4-Bromofluorobenzene
Concen: 48.440 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 95 Resp: 306632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 89.6 | 0.0 | 175.8 |
| 176 | 86.8 | 0.0 | 173.0 |



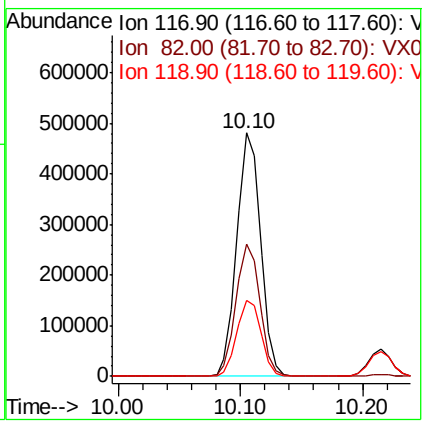


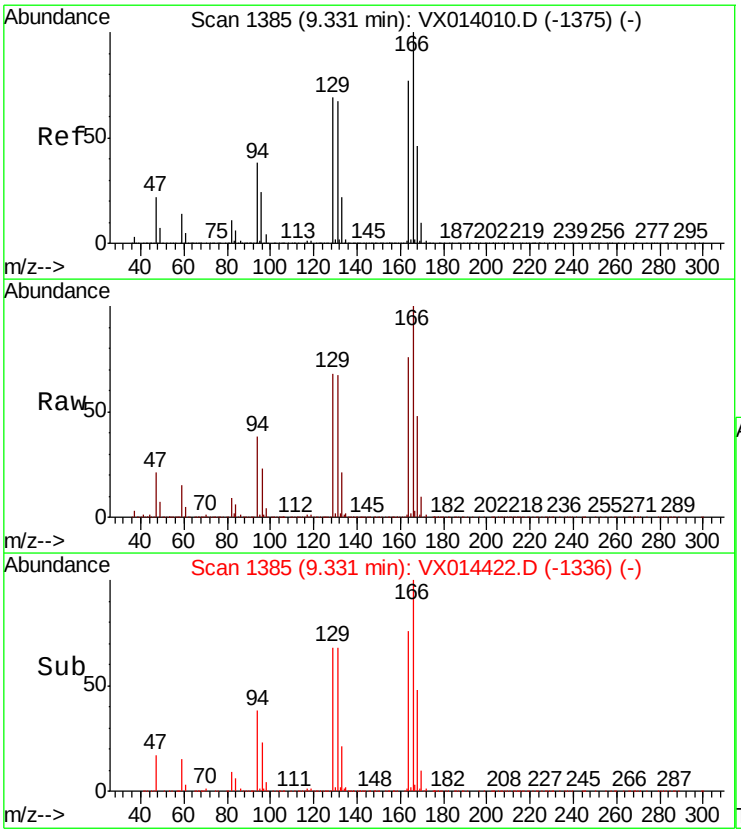

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion:117 Resp: 648520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.4 | 42.2 | 63.4 |
| 119 | 31.4 | 25.1 | 37.7 |

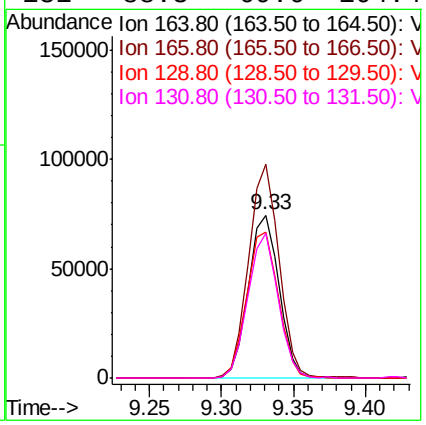


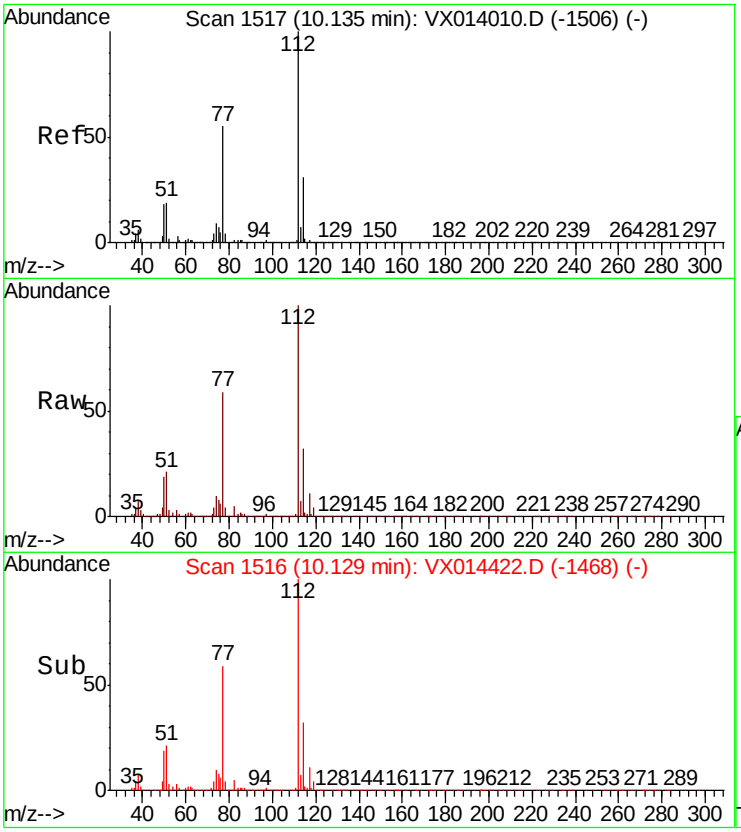




#64
Tetrachloroethene
Concen: 19.107 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion:164 Resp: 109647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 131.1 | 104.0 | 156.0 |
| 129 | 89.3 | 72.2 | 108.4 |
| 131 | 88.3 | 69.6 | 104.4 |



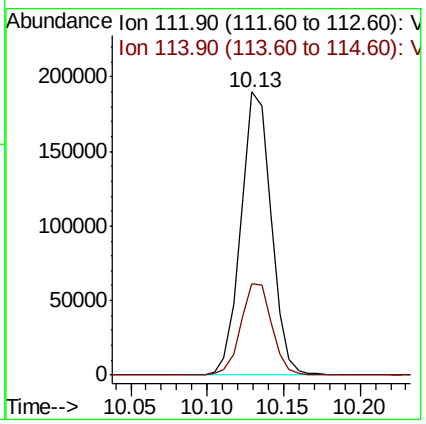


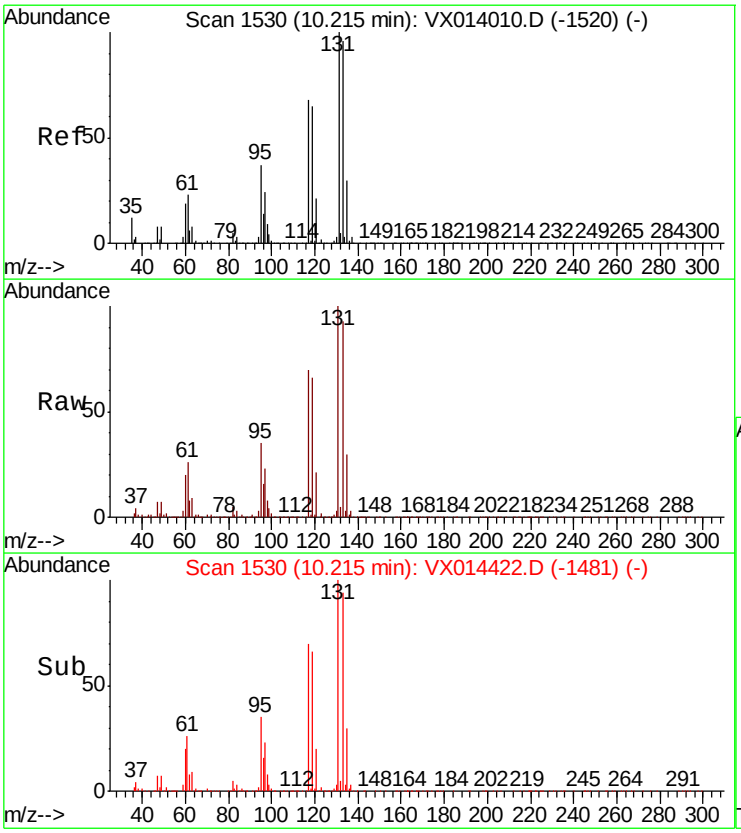

#65
Chlorobenzene
Concen: 18.952 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion:112 Resp: 261335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.2 | 24.9 | 37.3 |

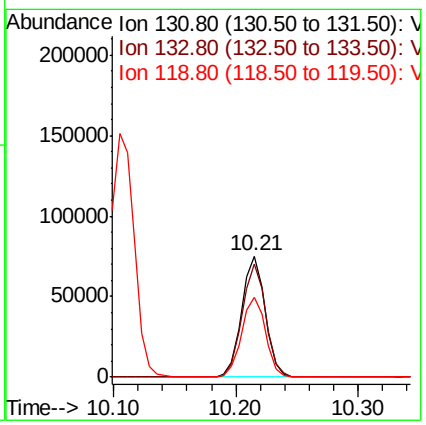


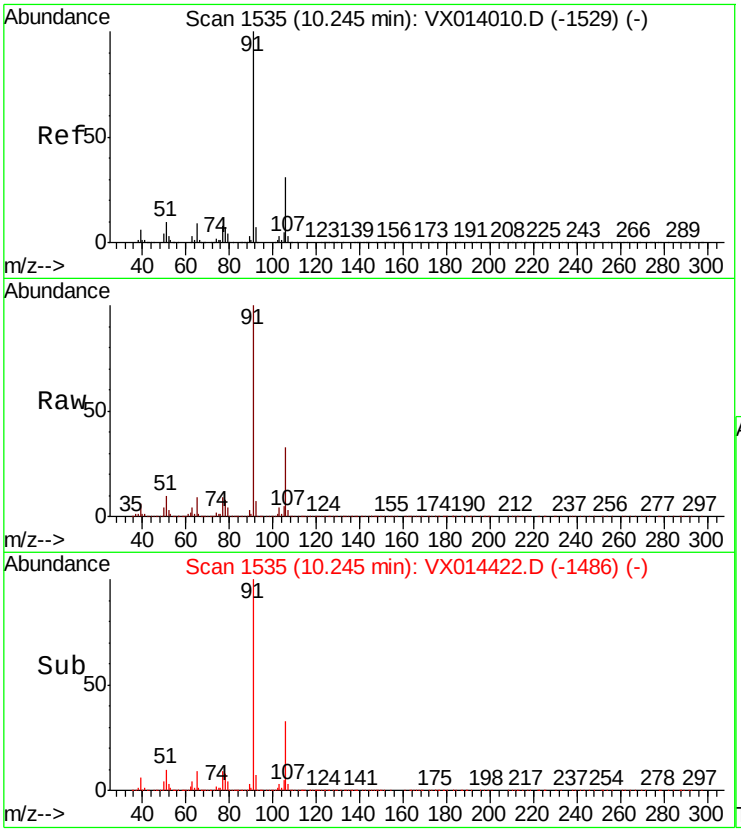




#66
1,1,1,2-Tetrachloroethane
Concen: 20.342 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion:131 Resp: 100154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 93.9 | 48.0 | 144.0 |
| 119 | 67.1 | 33.4 | 100.2 |



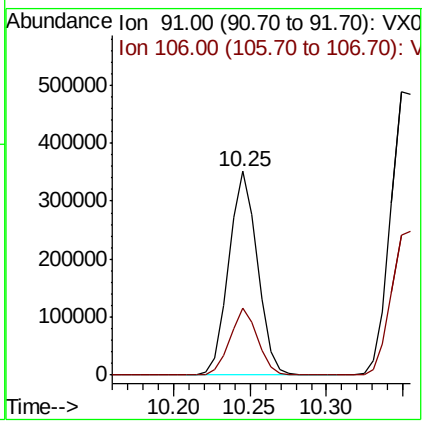


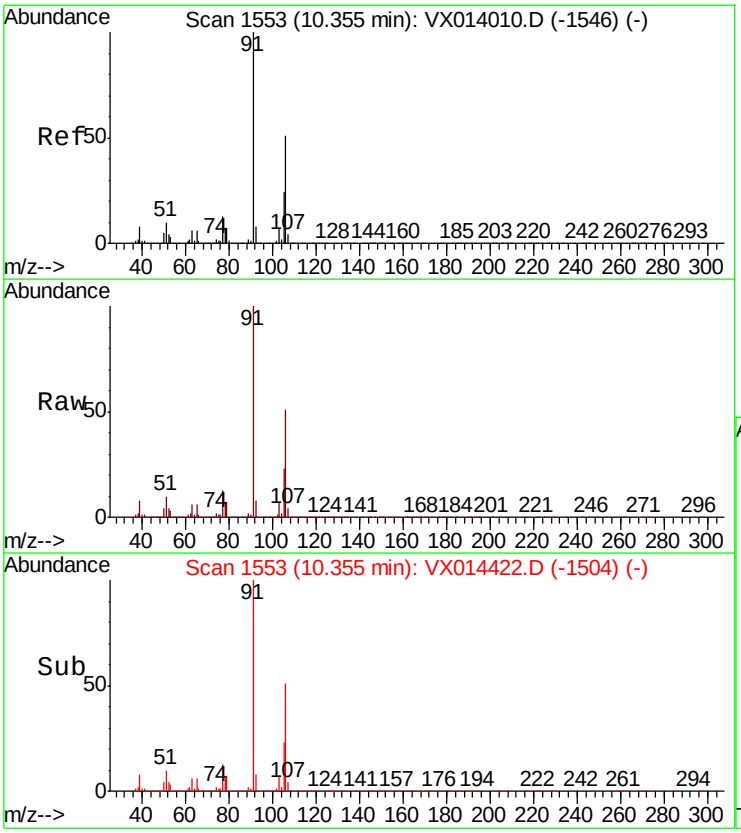

#67
Ethyl Benzene
Concen: 19.164 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 91 Resp: 454326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 32.8 | 25.0 | 37.6 |

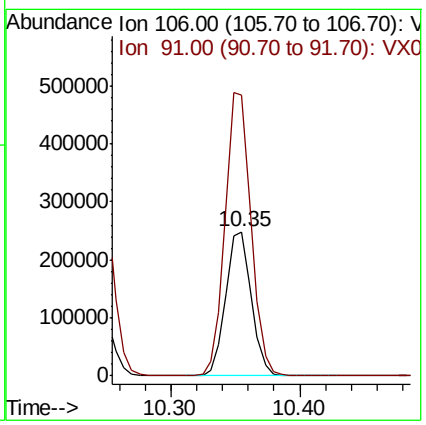


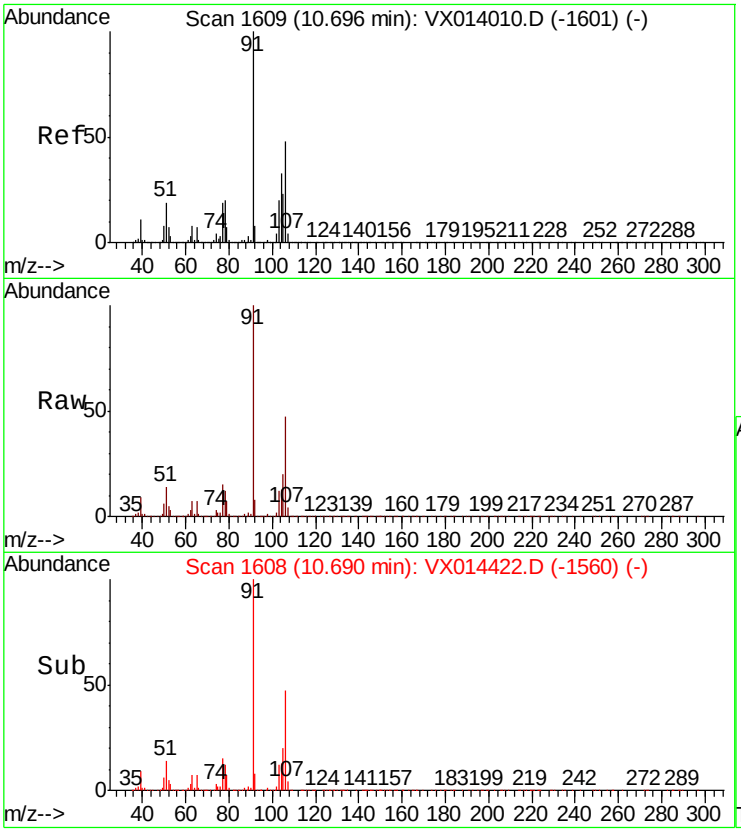




#68
m/p-Xylenes
Concen: 38.162 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion:106 Resp: 347955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 199.6 | 158.6 | 238.0 |



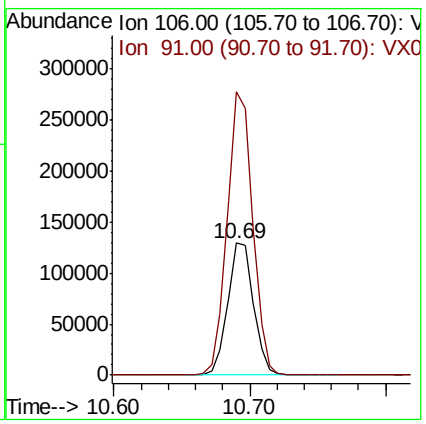


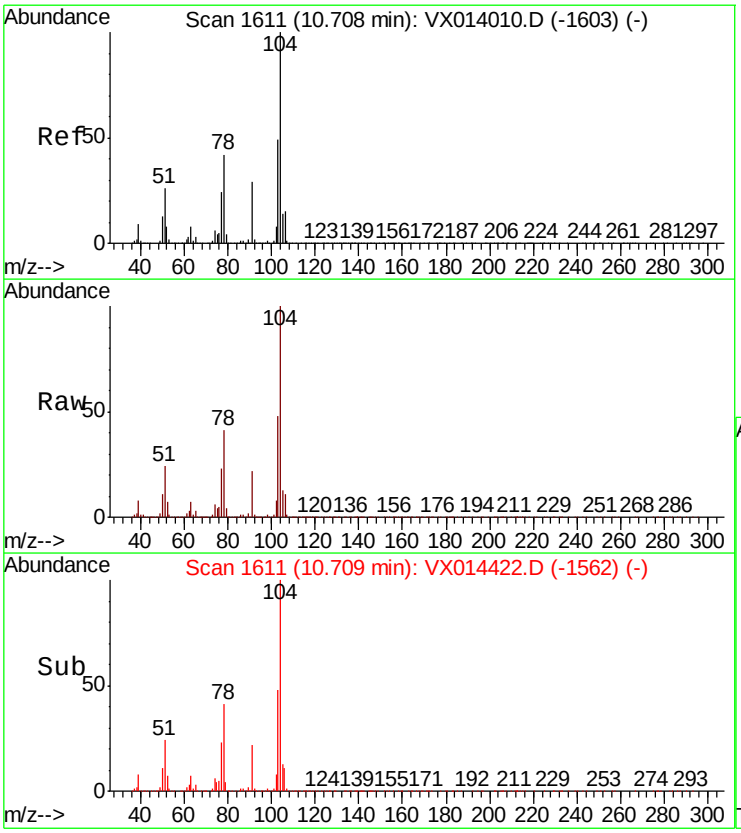

#69
o-Xylene
Concen: 19.053 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion:106 Resp: 170385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 212.3 | 104.2 | 312.6 |

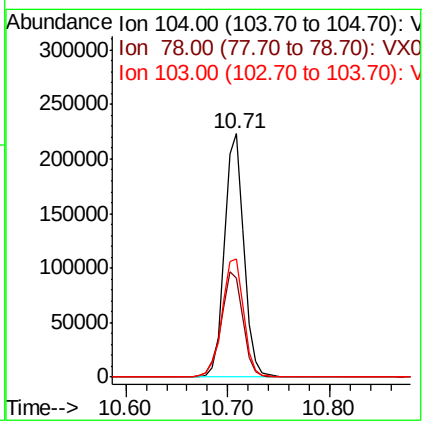


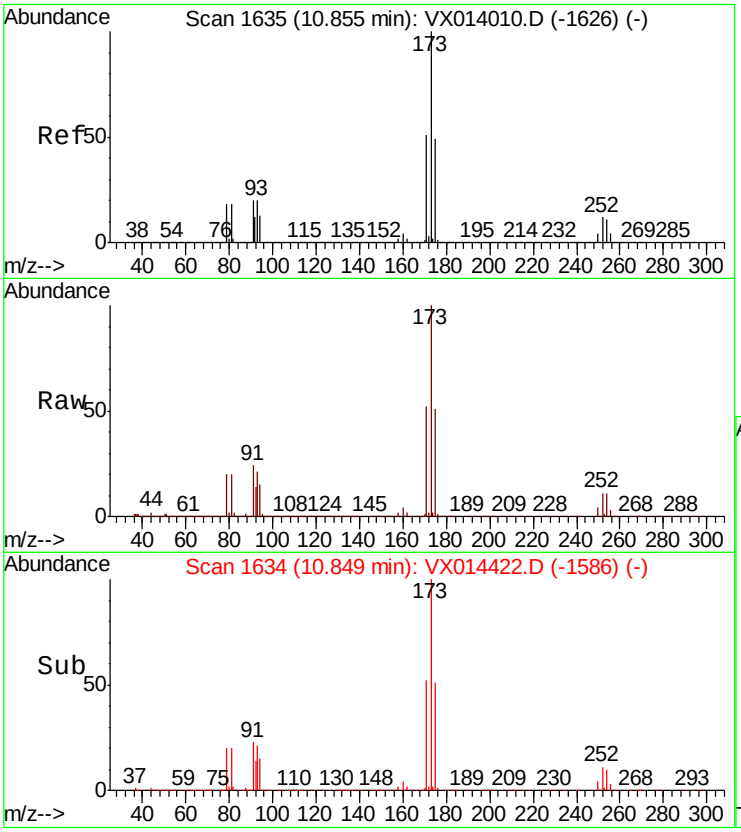




#70
Styrene
Concen: 19.350 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion:104 Resp: 292605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 48.0 | 38.5 | 57.7 |
| 103 | 54.1 | 42.9 | 64.3 |



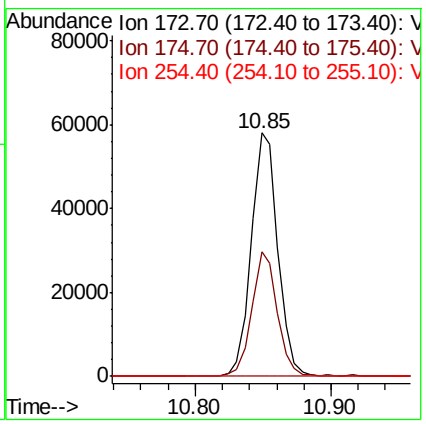


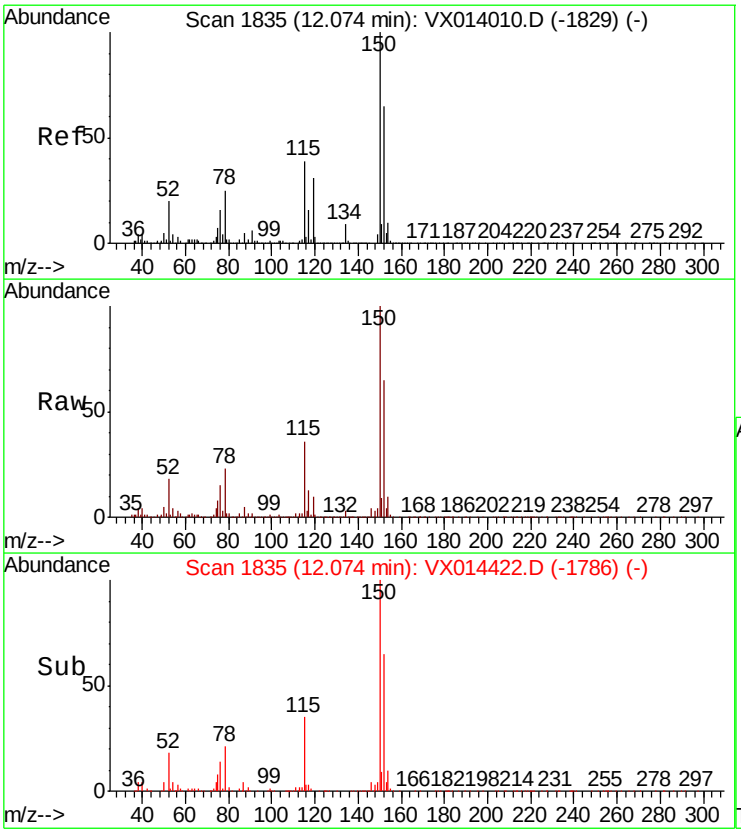

#71
Bromoform
Concen: 20.075 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion:173 Resp: 79452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.1 | 24.4 | 73.4 |
| 254 | 0.3 | 0.2 | 0.2# |

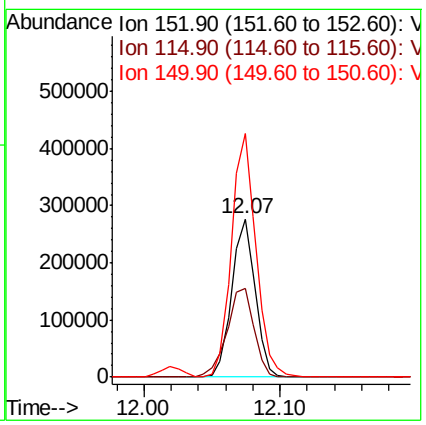


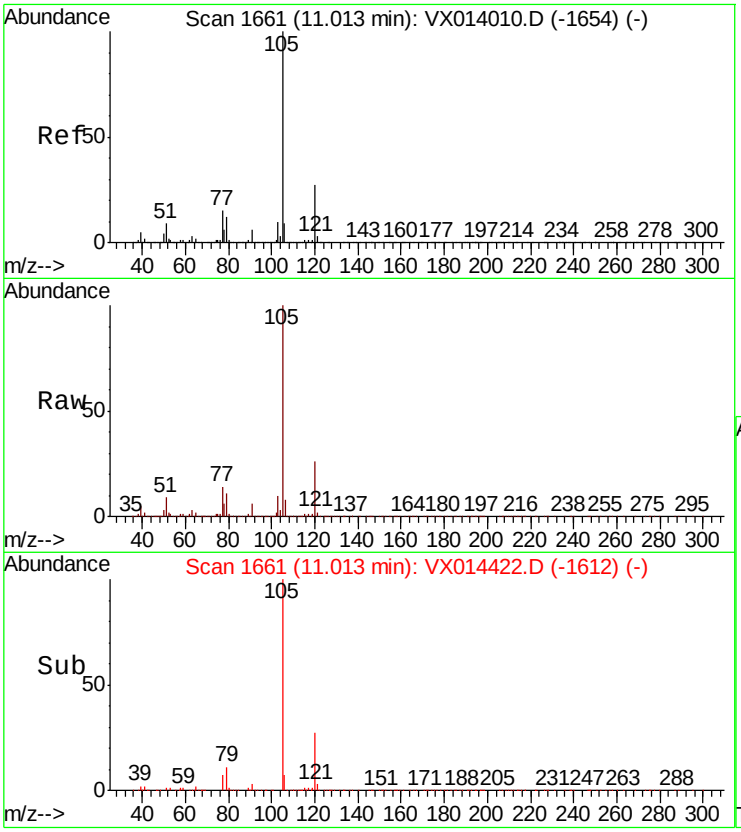




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion:152 Resp: 330535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 64.4 | 38.3 | 114.9 |
| 150 | 160.7 | 0.0 | 345.4 |



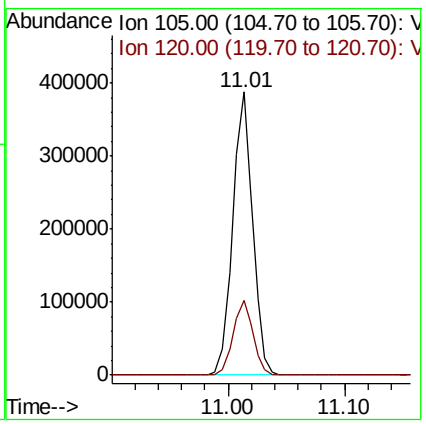


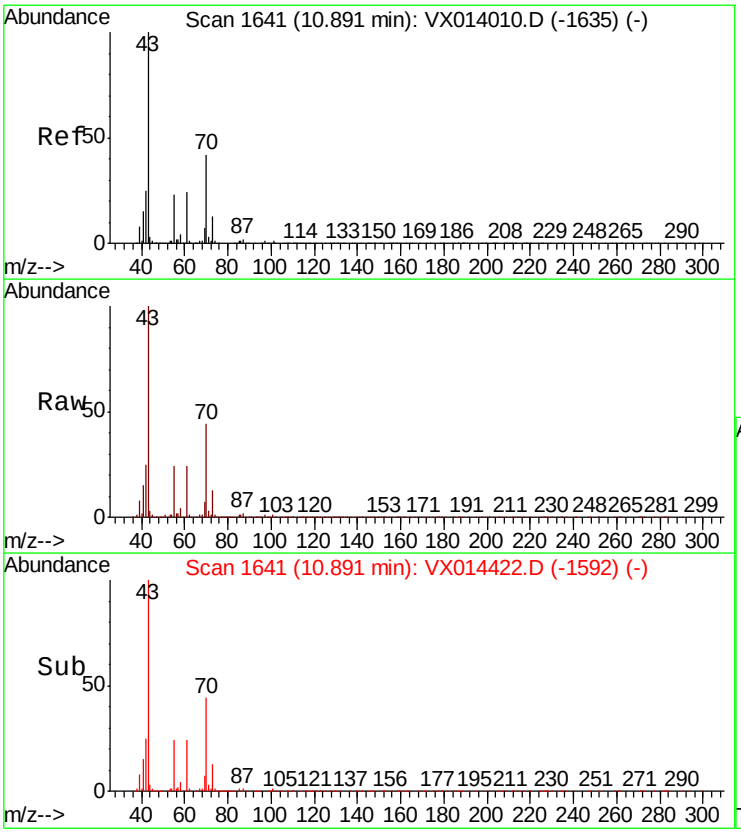

#73
Isopropylbenzene
Concen: 19.814 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion:105 Resp: 461119

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

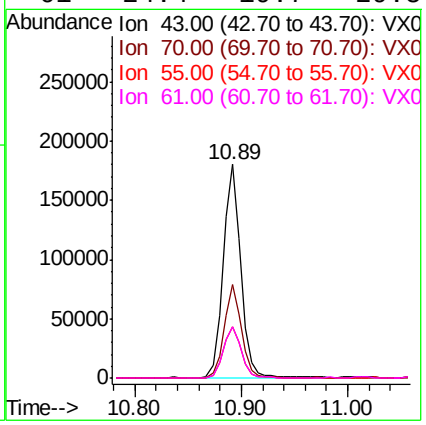


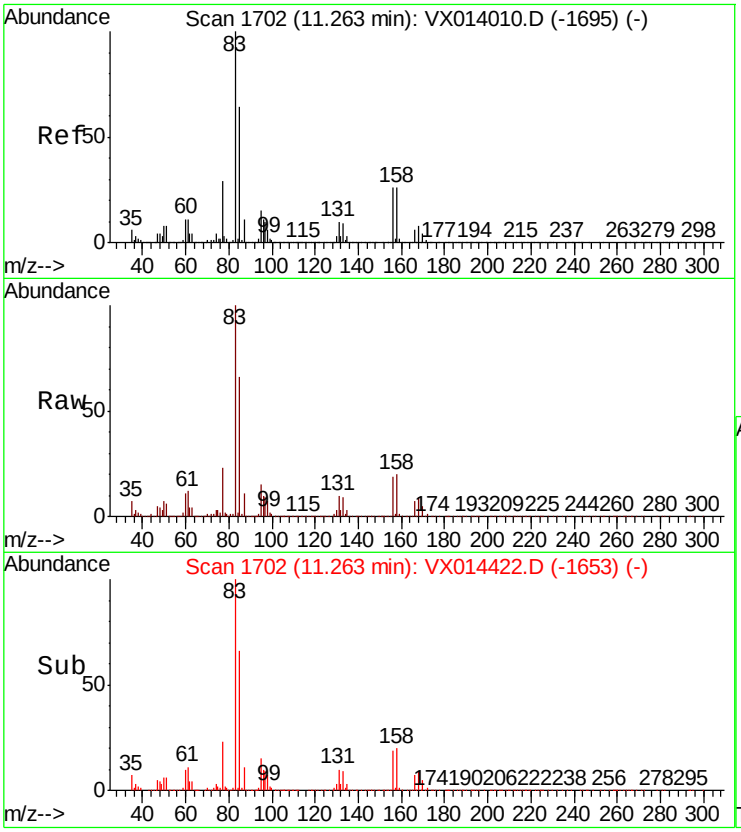




#74
N-amyl acetate
Concen: 18.953 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 43 Resp: 206748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 42.8 | 34.4 | 51.6 |
| 55 | 24.6 | 19.1 | 28.7 |
| 61 | 24.4 | 19.7 | 29.5 |



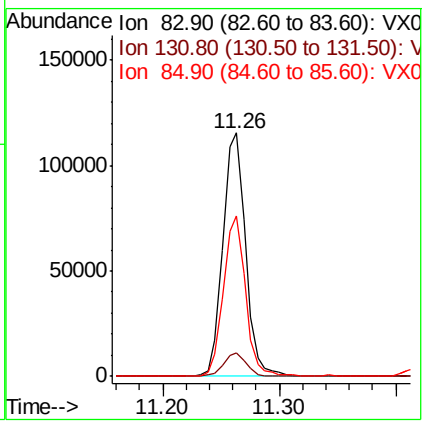


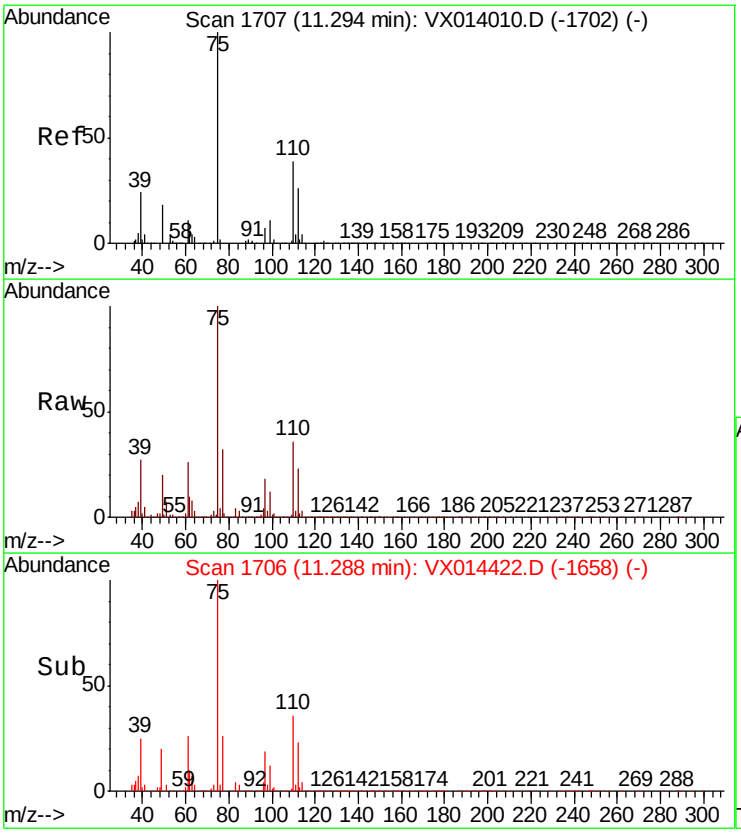

#75
1,1,2,2-Tetrachloroethane
Concen: 19.287 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 83 Resp: 155611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.0 | 5.1 | 15.2 |
| 85 | 64.4 | 31.9 | 95.7 |

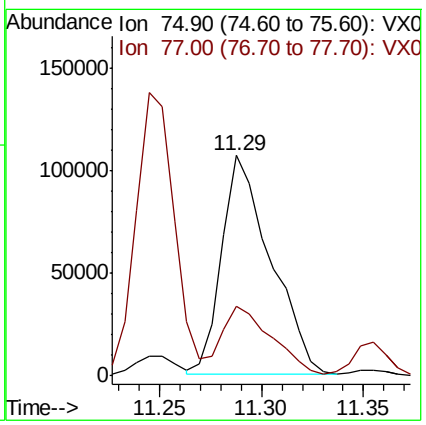


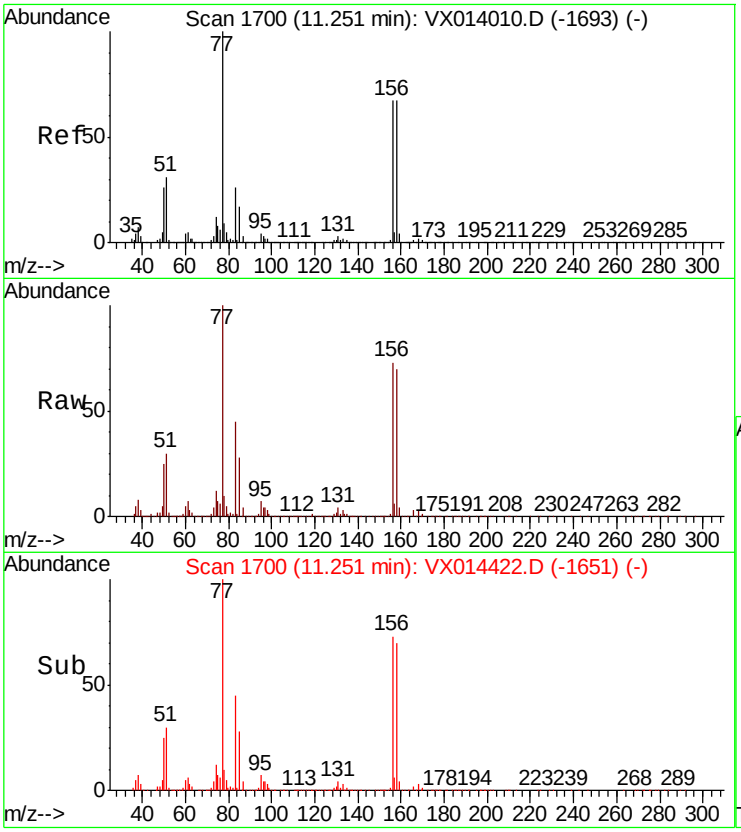




#76
1,2,3-Trichloropropane
Concen: 24.795 ug/l
RT: 11.29 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 75 Resp: 177927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.7 | 19.3 | 57.8 |



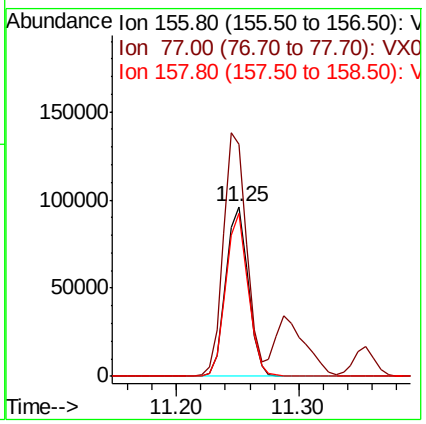


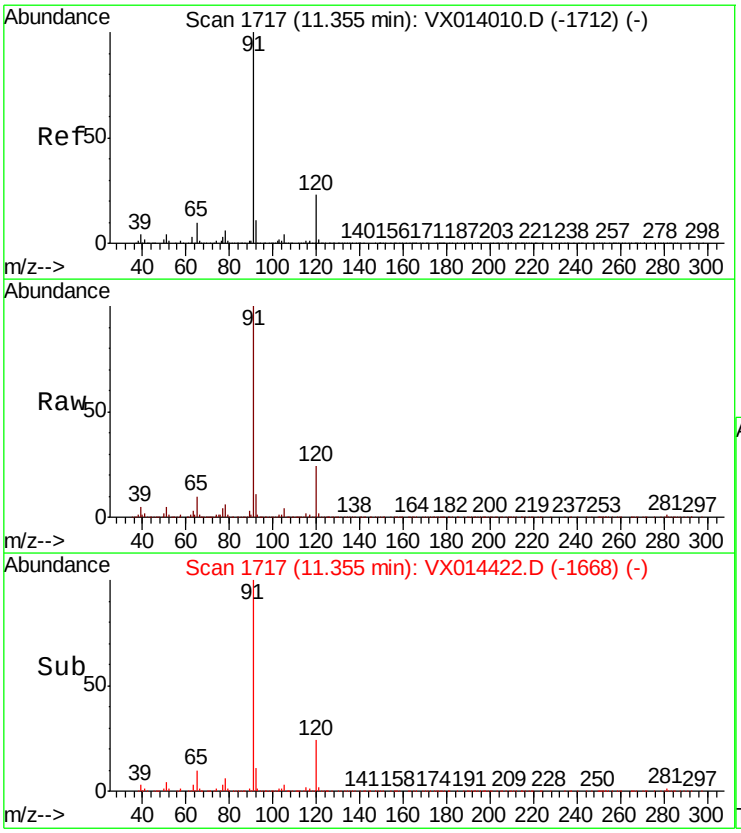

#77
Bromobenzene
Concen: 19.030 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion:156 Resp: 121851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 147.8 | 76.5 | 229.5 |
| 158 | 95.6 | 49.3 | 147.9 |

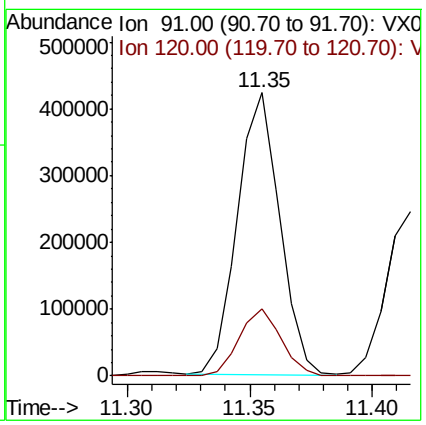


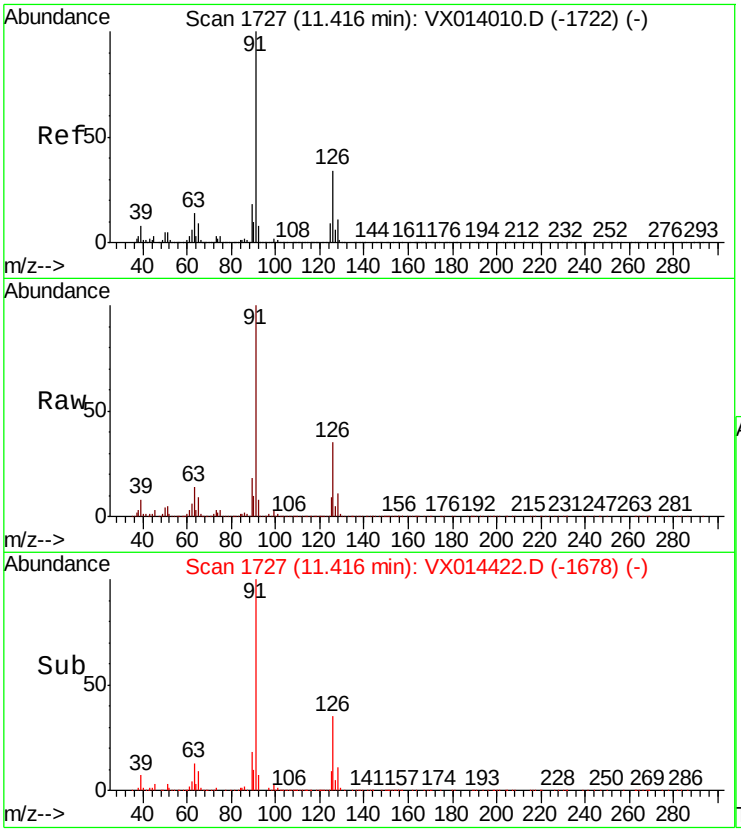




#78
n-propylbenzene
Concen: 19.477 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 91 Resp: 508414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.7 | 11.7 | 35.0 |



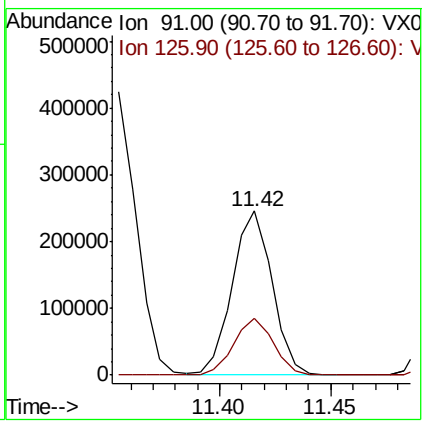


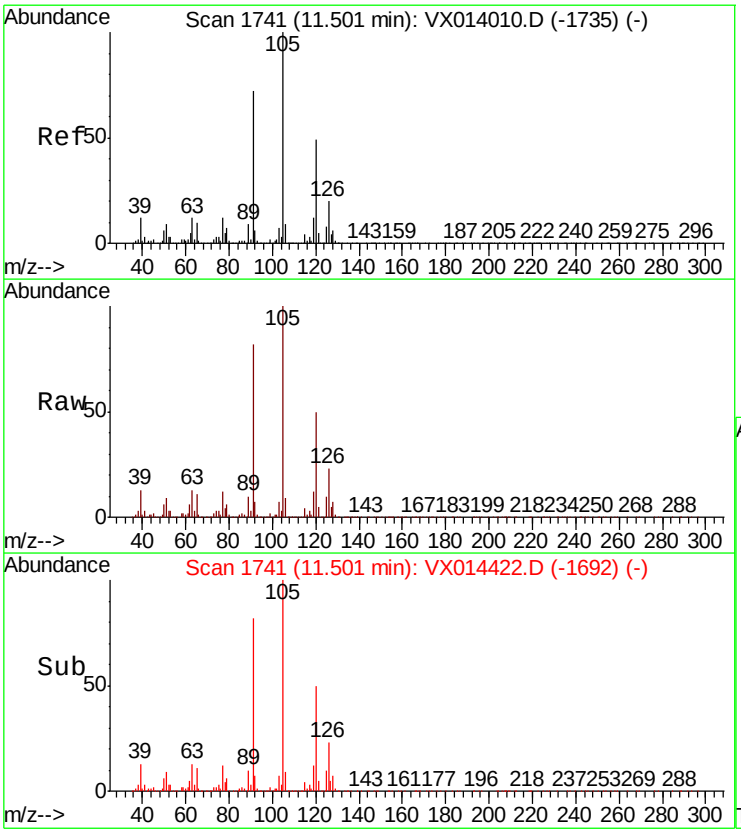

#79
2-Chlorotoluene
Concen: 19.378 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 91 Resp: 307481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.7 | 17.2 | 51.6 |

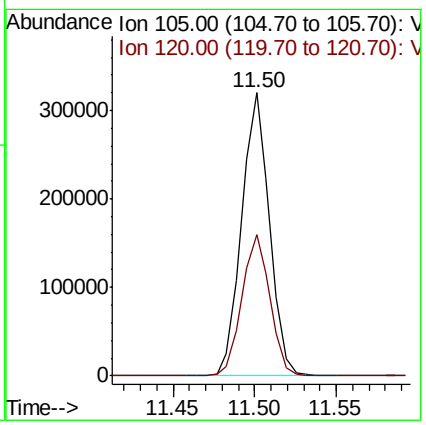


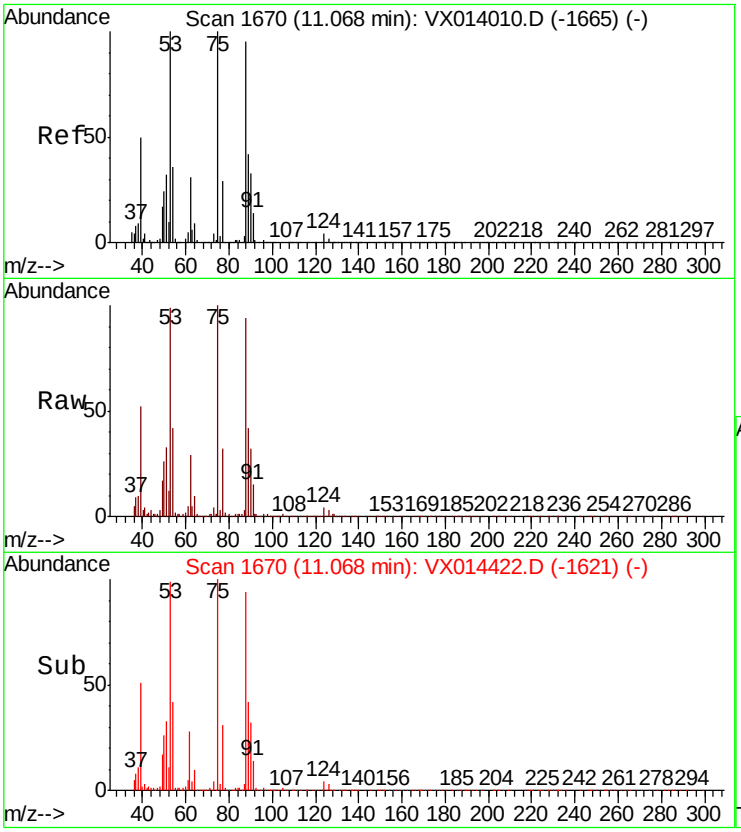




#80
1,3,5-Trimethylbenzene
Concen: 19.359 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion:105 Resp: 379172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 50.3 | 25.3 | 75.8 |



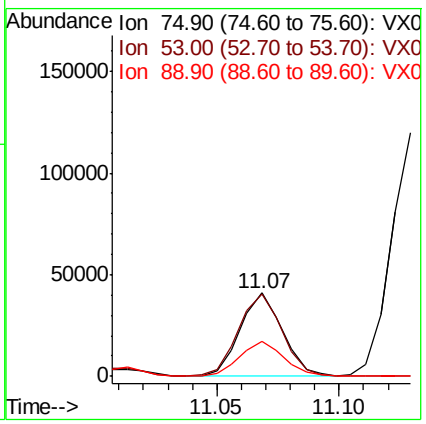


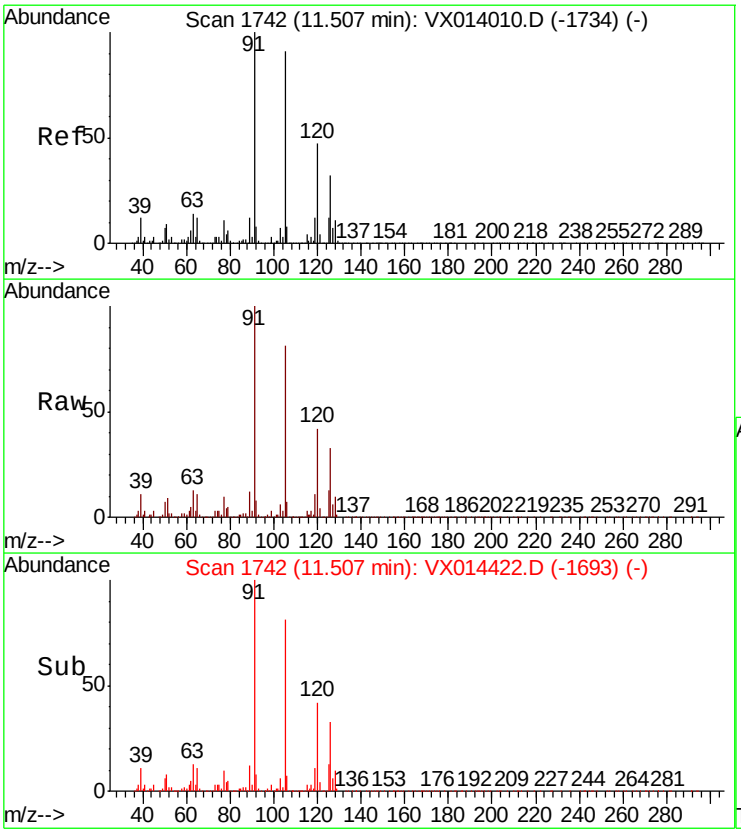

#81
trans-1,4-Dichloro-2-butene
Concen: 19.188 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 75 Resp: 48782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 102.2 | 76.7 | 115.1 |
| 89 | 44.8 | 34.6 | 51.8 |

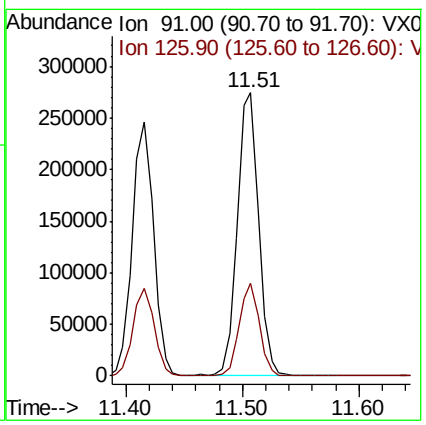


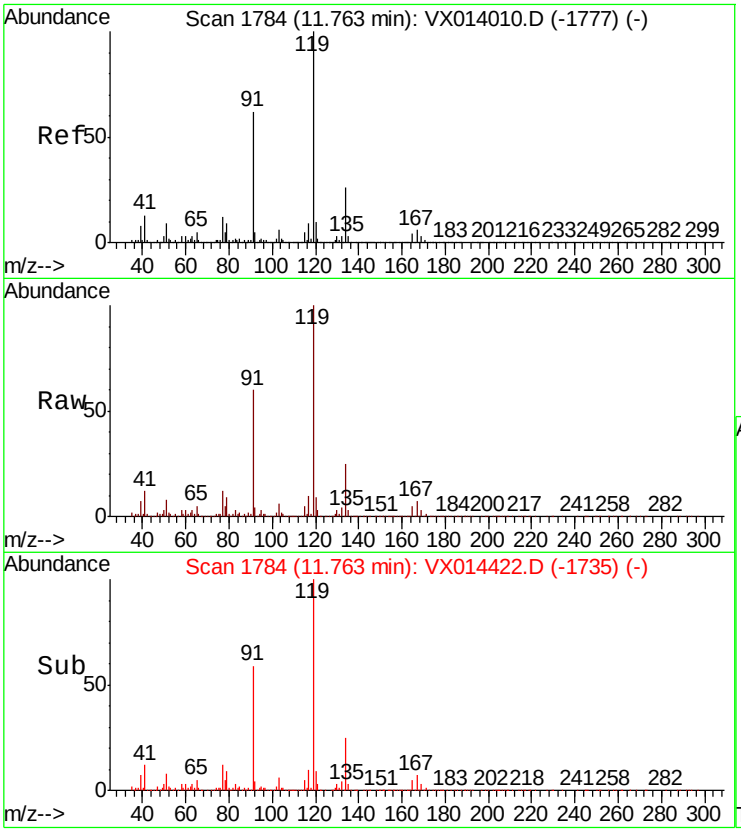




#82
4-Chlorotoluene
Concen: 19.066 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 91 Resp: 350932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 30.8 | 15.6 | 46.8 |



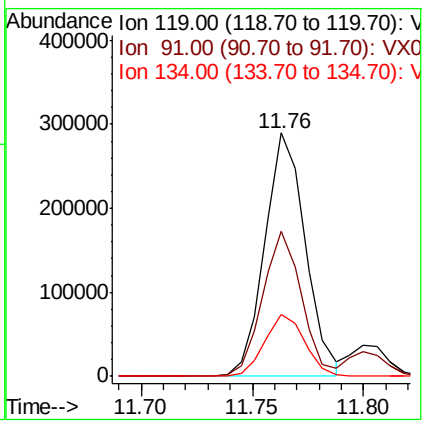


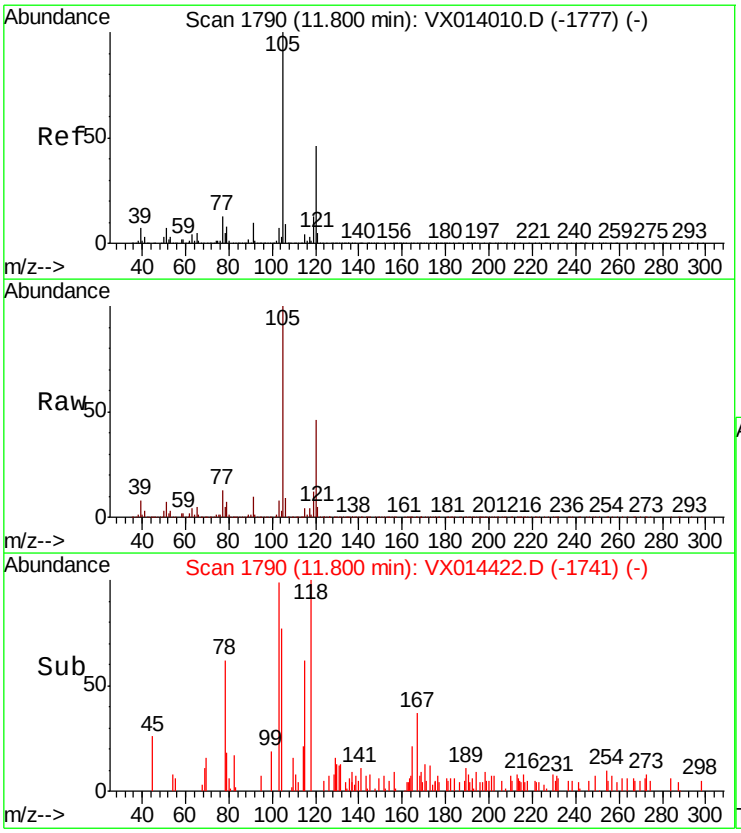

#83
tert-Butylbenzene
Concen: 19.228 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion:119 Resp: 366498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 57.5 | 28.5 | 85.6 |
| 134 | 25.2 | 12.2 | 36.6 |

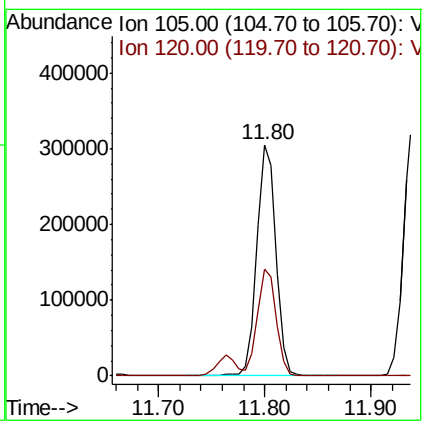


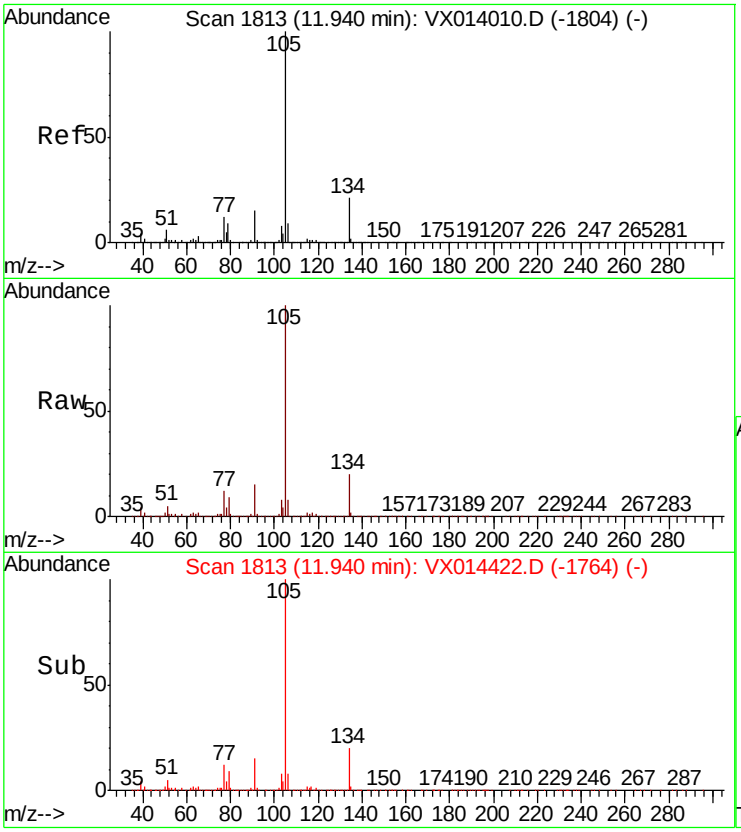




#84
1,2,4-Trimethylbenzene
Concen: 19.598 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion:105 Resp: 384406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.0 | 23.1 | 69.2 |



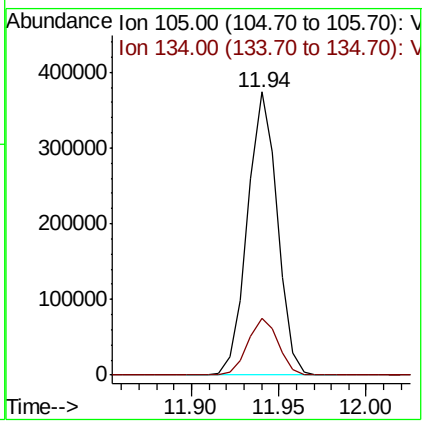


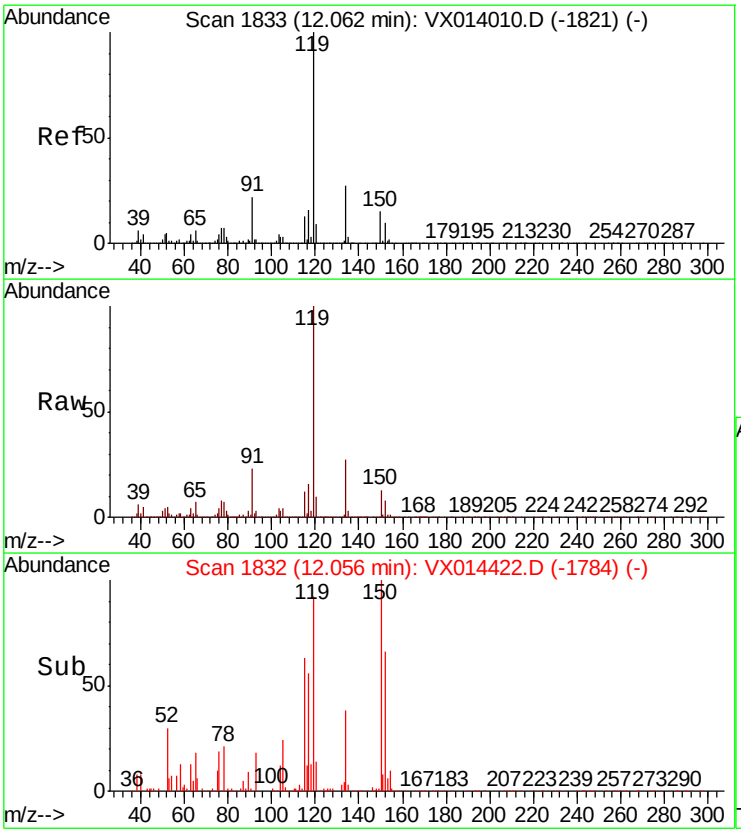

#85
sec-Butylbenzene
Concen: 19.777 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion:105 Resp: 445016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.4 | 10.4 | 31.1 |

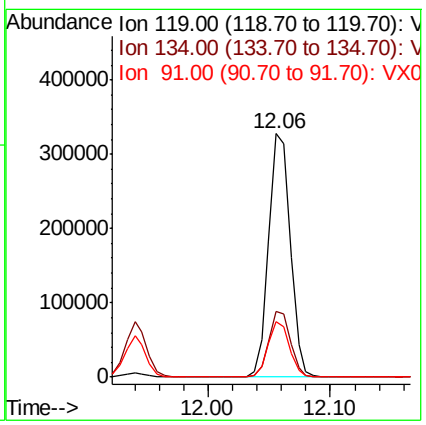


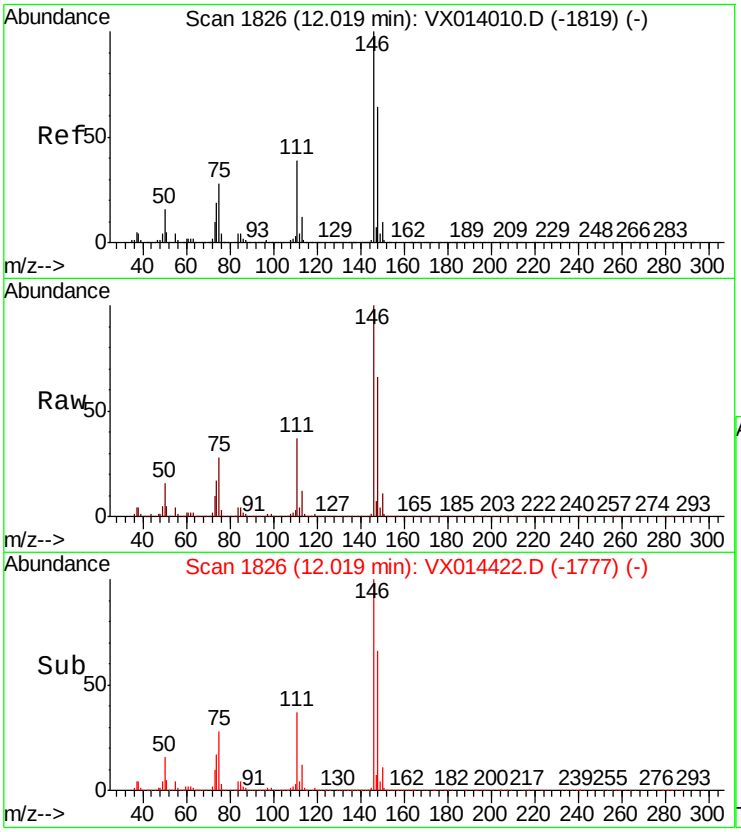




#86
p-Isopropyltoluene
Concen: 19.554 ug/l
RT: 12.06 min Scan# 1832
Delta R.T. -0.01 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion:119 Resp: 402473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.1 | 13.4 | 40.1 |
| 91 | 22.6 | 11.4 | 34.1 |



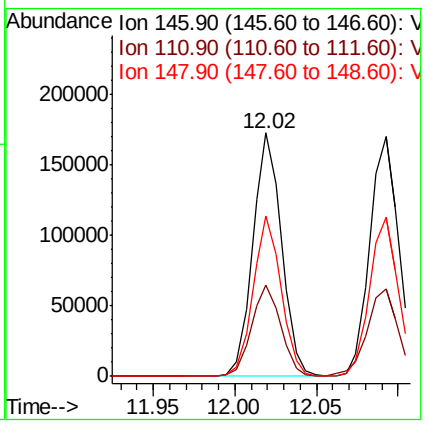


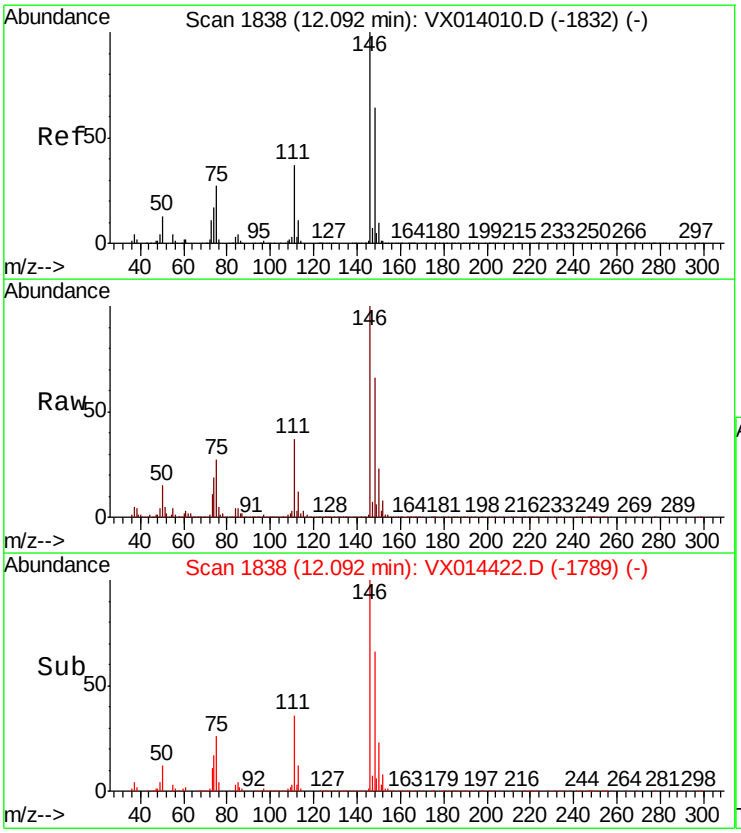

#87
1,3-Dichlorobenzene
Concen: 18.823 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion:146 Resp: 211235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.2 | 19.1 | 57.1 |
| 148 | 64.2 | 32.3 | 96.9 |

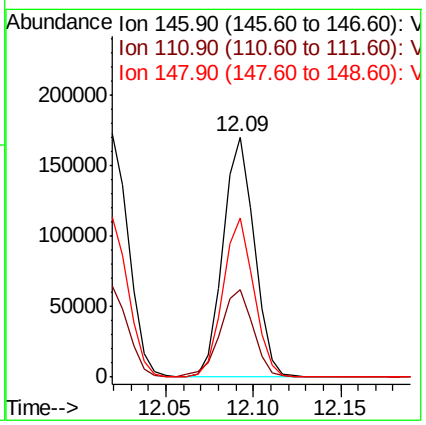


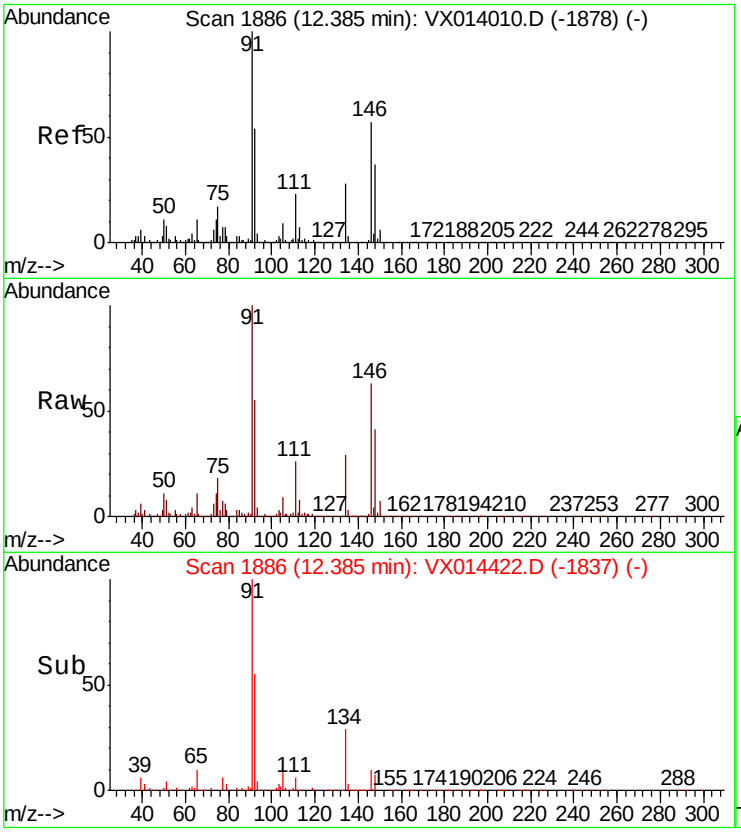




#88
1,4-Dichlorobenzene
Concen: 18.547 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion:146 Resp: 211637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.3 | 18.7 | 56.1 |
| 148 | 65.4 | 31.9 | 95.9 |



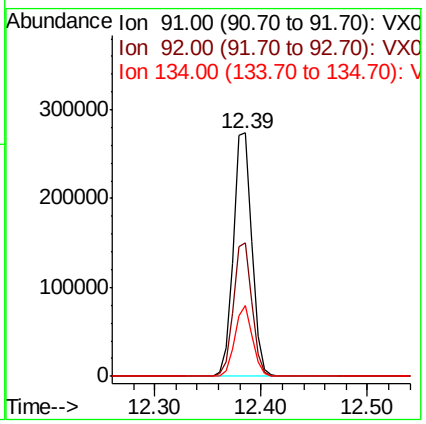


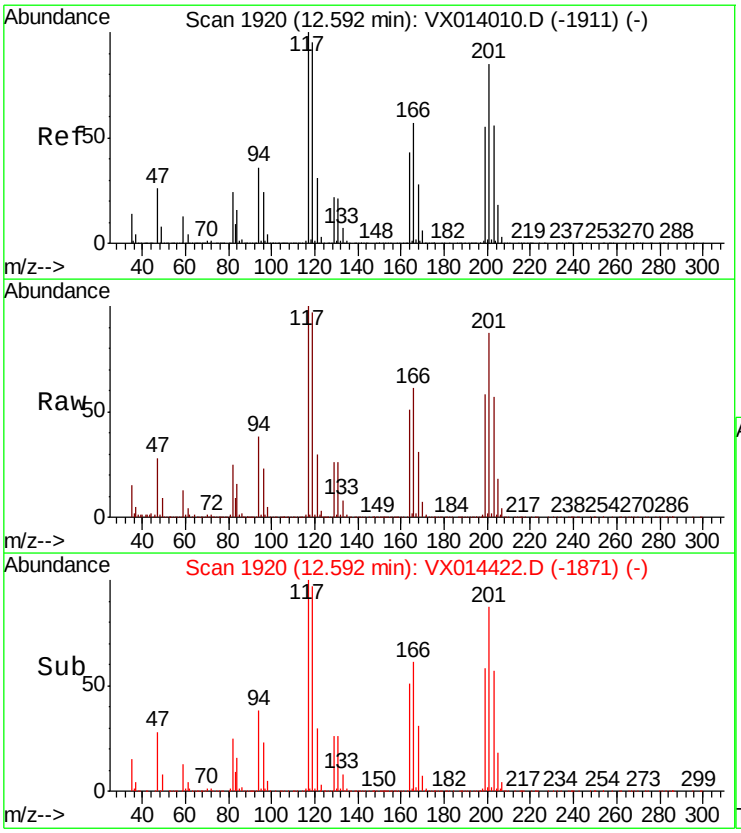

#89
n-Butylbenzene
Concen: 19.181 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion: 91 Resp: 336869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.8 | 27.2 | 81.6 |
| 134 | 27.3 | 13.4 | 40.1 |

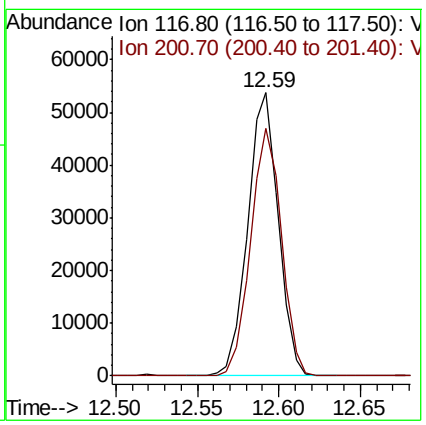


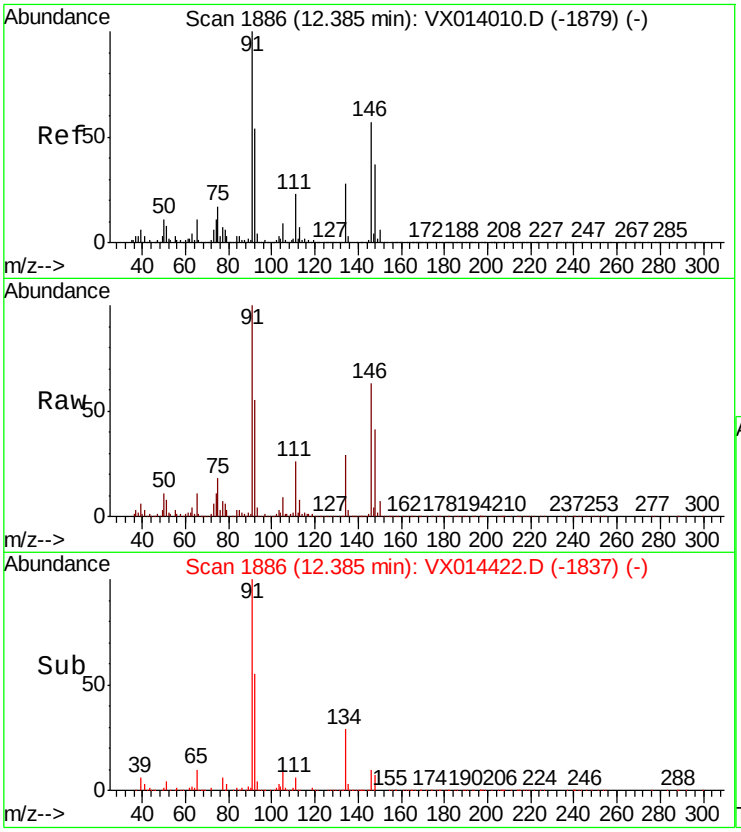




#90
Hexachloroethane
Concen: 19.033 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion:117 Resp: 70366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 88.1 | 43.1 | 129.3 |



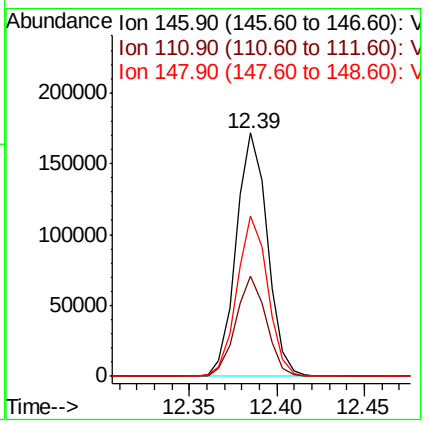


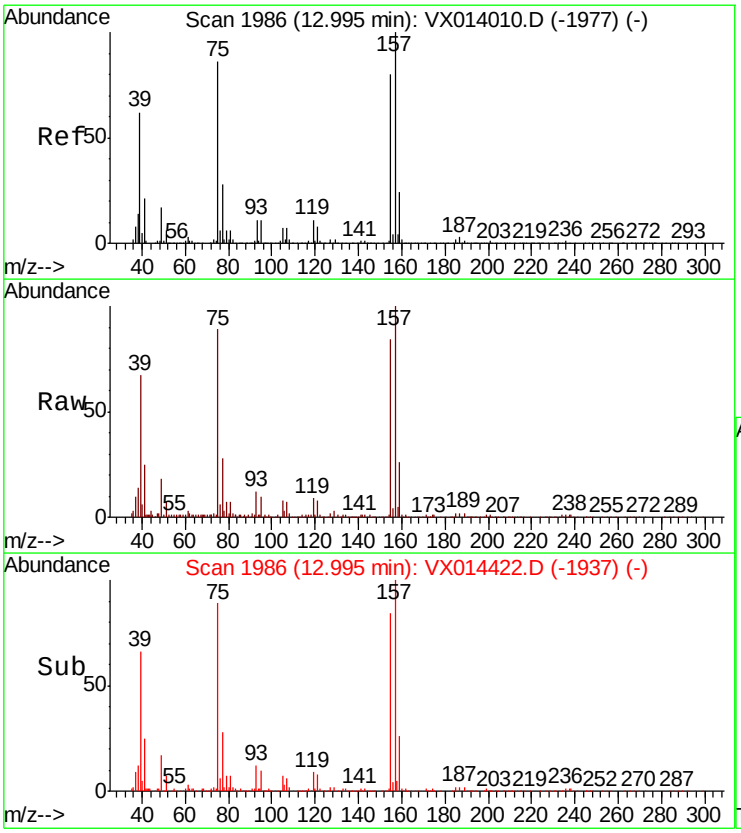

#91
1,2-Dichlorobenzene
Concen: 18.929 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion:146 Resp: 213831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.3 | 19.7 | 59.1 |
| 148 | 65.1 | 32.1 | 96.5 |

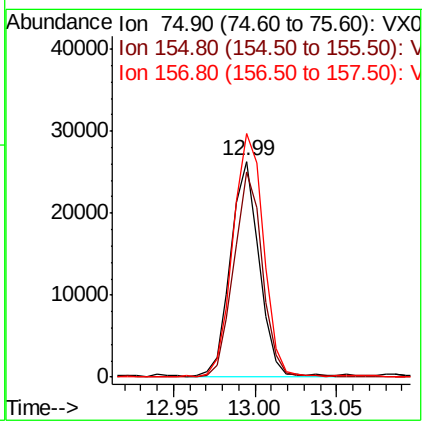


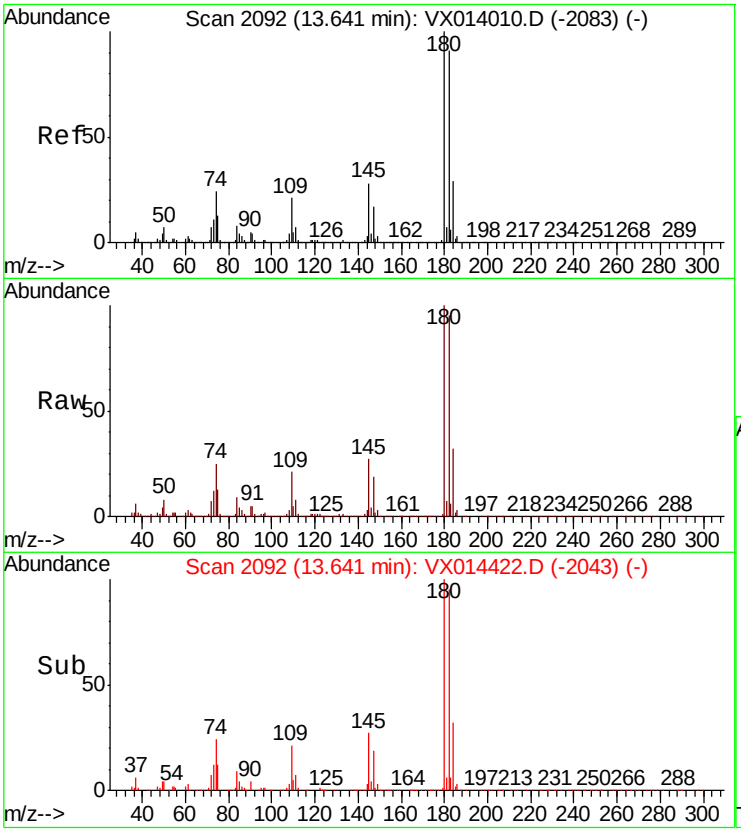




#92
1,2-Dibromo-3-Chloropropane
Concen: 17.779 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion: 75 Resp: 31743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 95.8 | 46.9 | 140.6 |
| 157 | 123.1 | 60.8 | 182.4 |



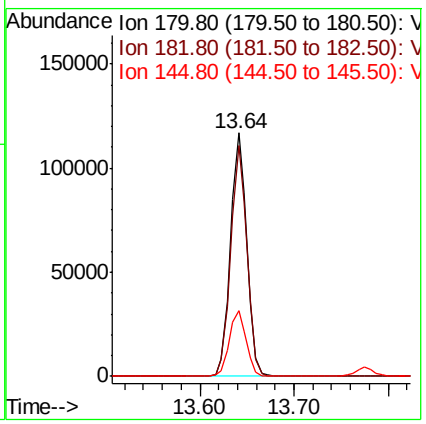


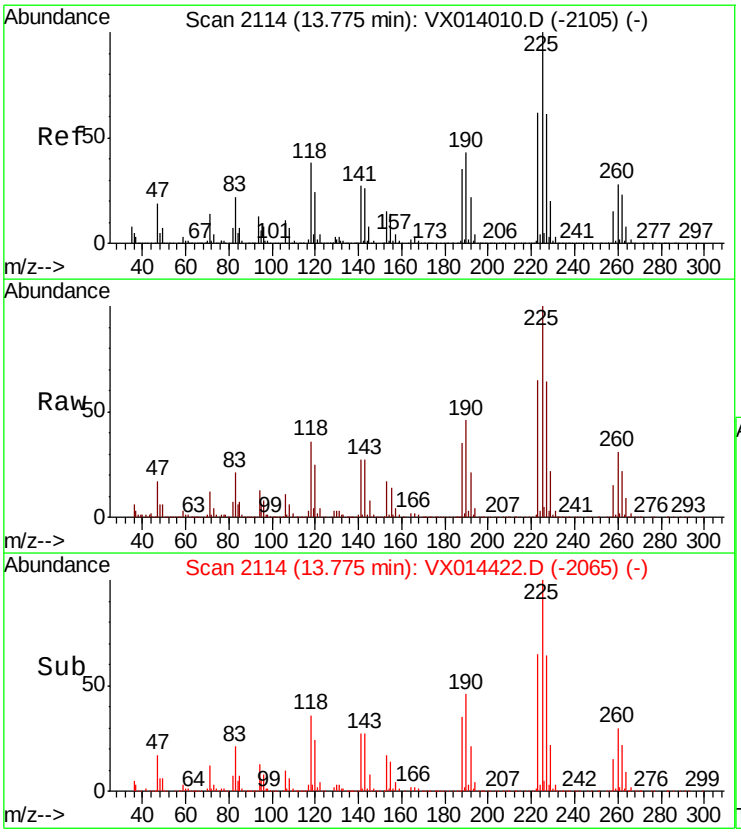

#93
1,2,4-Trichlorobenzene
Concen: 19.070 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion:180 Resp: 140019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.4 | 46.6 | 139.8 |
| 145 | 28.0 | 14.2 | 42.6 |

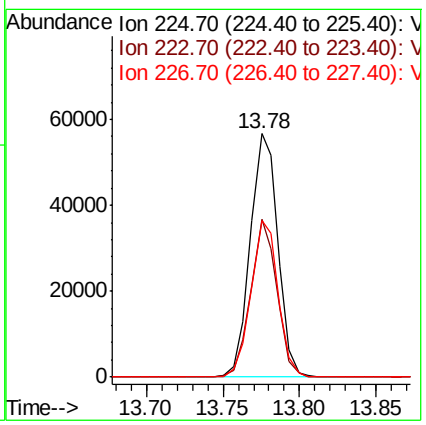


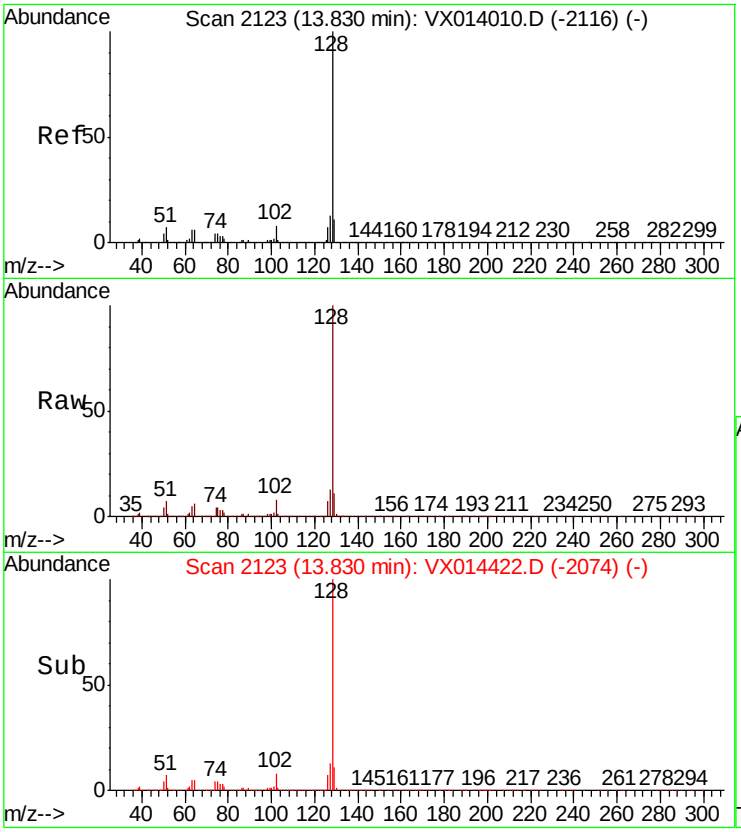




#94
Hexachlorobutadiene
Concen: 20.178 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion:225 Resp: 71203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.6 | 30.9 | 92.5 |
| 227 | 63.2 | 30.9 | 92.7 |



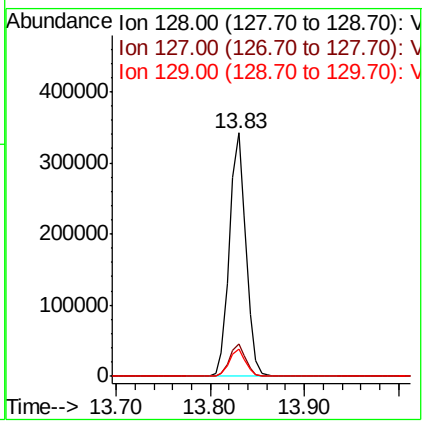


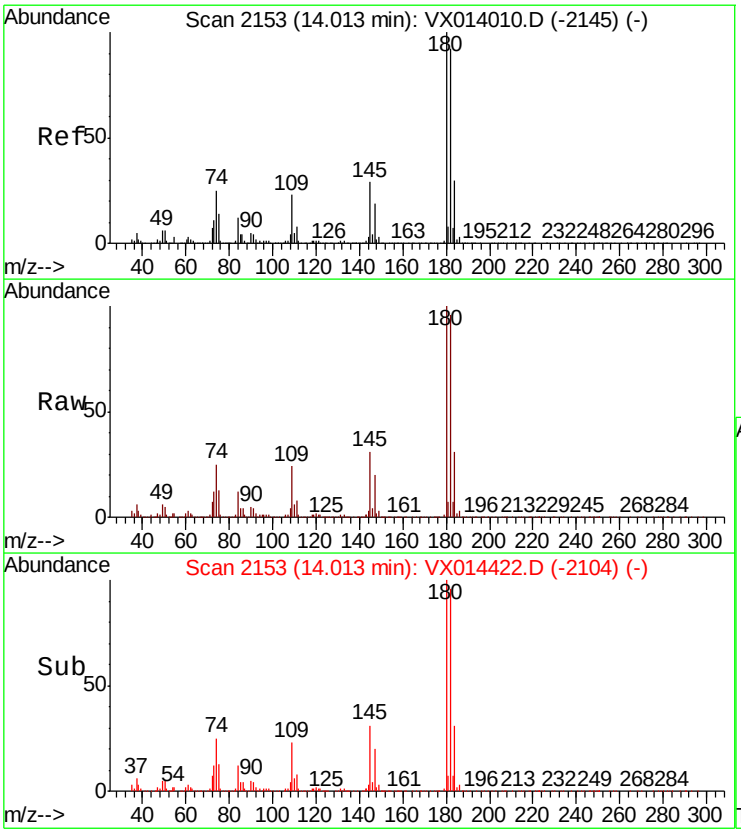

#95
Naphthalene
Concen: 19.275 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

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

Tgt Ion:128 Resp: 415817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.8 | 10.2 | 15.4 |
| 129 | 11.1 | 8.7 | 13.1 |




#96
1,2,3-Trichlorobenzene
Concen: 19.547 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014422.D
Acq: 06 Jan 2020 13:09

Tgt Ion:180 Resp: 141674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.4 | 46.8 | 140.3 |
| 145 | 30.5 | 14.8 | 44.4 |