Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111119\
Data File : VX013371.D
Acq On : 11 Nov 2019 18:02
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Nov 12 01:06:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:01:06 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.01 | 128 | 108385 | 30.00 | ug/l | | 0.00 |
| 28) 1,4-Difluorobenzene | 6.85 | 114 | 661906 | 30.00 | ug/l | | 0.00 |
| 57) Chlorobenzene-d5 | 10.11 | 117 | 599927 | 30.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 27) 1,2-Dichloroethane-d4 | 6.05 | 65 | 244728 | 29.19 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 50 - 169 | | Recovery = 97.30% | | | | |
| 60) 4-Bromofluorobenzene | 11.14 | 95 | 298843 | 29.12 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 56 - 143 | | Recovery = 97.07% | | | | |
| 63) Toluene-d8 | 8.71 | 98 | 790602 | 29.63 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 66 - 137 | | Recovery = 98.77% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.19 | 85 | 1313930 | 168.893 | ug/l | | 99 |
| 3) Chloromethane | 1.31 | 50 | 1399682 | 195.571 | ug/l | | 99 |
| 4) Vinyl Chloride | 1.40 | 62 | 1598688 | 211.496 | ug/l | | 99 |
| 5) Bromomethane | 1.62 | 94 | 986161 | 249.485 | ug/l | | 100 |
| 6) Chloroethane | 1.70 | 64 | 843441 | 183.001 | ug/l | | 100 |
| 7) Trichlorofluoromethane | 1.91 | 101 | 1680927 | 152.090 | ug/l | | 99 |
| 8) Diethyl Ether | 2.18 | 74 | 775053 | 193.285 | ug/l | | 99 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101 | 1009365 | 148.540 | ug/l | | 100 |
| 10) 1,1-Dichloroethene | 2.36 | 96 | 1053568 | 159.990 | ug/l | | 99 |
| 11) Methyl Iodide | 2.50 | 142 | 1452851 | 172.547 | ug/l | | 99 |
| 12) Methyl Acetate | 2.76 | 43 | 1881035 | 207.882 | ug/l | | 97 |
| 13) Acrolein | 2.28 | 56 | 953361 | 767.282 | ug/l | | 99 |
| 14) Acrylonitrile | 3.14 | 53 | 3409610 | 929.720 | ug/l | | 98 |
| 15) Acetone | 2.44 | 58 | 967946 | 800.382 | ug/l | | 97 |
| 16) Carbon Disulfide | 2.55 | 76 | 3018218 | 169.954 | ug/l | | 100 |
| 17) Allyl chloride | 2.71 | 41 | 1947837 | 180.463 | ug/l | | 93 |
| 18) Methylene Chloride | 2.84 | 84 | 1174099 | 154.727 | ug/l | | 99 |
| 19) trans-1,2-Dichloroethene | 3.15 | 96 | 1123694 | 160.912 | ug/l | | 99 |
| 20) Diisopropyl ether | 3.84 | 45 | 3694902 | 178.018 | ug/l | # | 85 |
| 21) 1,1-Dichloroethane | 3.68 | 63 | 2012522 | 162.752 | ug/l | | 98 |
| 22) cis-1,2-Dichloroethene | 4.58 | 96 | 1284757 | 161.645 | ug/l | | 98 |
| 23) tert-Butyl Alcohol | 3.05 | 59 | 1646573 | 875.774 | ug/l | | 100 |
| 24) Methyl tert-Butyl Ether | 3.19 | 73 | 3489263 | 154.451 | ug/l | | 100 |
| 25) Chloroform | 5.20 | 83 | 1954752 | 152.398 | ug/l | | 100 |
| 26) Cyclohexane | 5.57 | 56 | 1829222 | 167.463 | ug/l | # | 99 |
| 29) 1,1-Dichloropropene | 5.79 | 75 | 1549220 | 153.618 | ug/l | | 99 |
| 30) 2-Butanone | 4.66 | 43 | 4969498 | 885.769 | ug/l | | 99 |
| 31) 2,2-Dichloropropane | 4.57 | 77 | 1646299 | 141.499 | ug/l | | 99 |
| 32) 1,1,1-Trichloroethane | 5.48 | 97 | 1712121 | 141.369 | ug/l | | 99 |
| 33) Carbon Tetrachloride | 5.78 | 117 | 1500210 | 143.530 | ug/l | | 100 |
| 34) Benzene | 6.13 | 78 | 4580141 | 155.359 | ug/l | | 99 |
| 35) Methacrylonitrile | 5.03 | 41 | 1031571 | 180.482 | ug/l | | 97 |
| 36) 1,2-Dichloroethane | 6.18 | 62 | 1601010 | 145.694 | ug/l | | 100 |
| 37) Trichloroethene | 7.20 | 130 | 1267598 | 156.239 | ug/l | | 96 |
| 38) Methylcyclohexane | 7.46 | 83 | 1874857 | 150.806 | ug/l | | 99 |
| 39) 1,2-Dichloropropane | 7.51 | 63 | 1178744 | 161.422 | ug/l | | 97 |
| 40) Dibromomethane | 7.65 | 93 | 789135 | 153.320 | ug/l | | 98 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111119\
Data File : VX013371.D
Acq On : 11 Nov 2019 18:02
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Nov 12 01:06:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:01:06 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 41) Bromodichloromethane | 7.89 | 83 | 1593370 | 153.875 ug/l | 97 |
| 42) Vinyl Acetate | 3.80 | 43 | 15429228 | 814.983 ug/l | 99 |
| 43) Ethyl Acetate | 4.82 | 43 | 1869431 | 182.131 ug/l | 97 |
| 44) Isopropyl Acetate | 6.43 | 43 | 3044927 | 180.528 ug/l | 99 |
| 45) 1,4-Dioxane | 7.73 | 88 | 683360 | 3313.096 ug/l | 98 |
| 46) Methyl methacrylate | 7.76 | 41 | 1535472 | 184.928 ug/l | 99 |
| 47) n-amyl Acetate | 10.89 | 43 | 2809568 | 194.773 ug/l | 99 |
| 48) t-1,3-Dichloropropene | 9.04 | 75 | 1867518 | 164.181 ug/l | 100 |
| 49) cis-1,3-Dichloropropene | 8.43 | 75 | 1978417 | 159.513 ug/l | 99 |
| 50) 1,1,2-Trichloroethane | 9.21 | 97 | 1187898 | 155.719 ug/l | 98 |
| 51) Ethyl methacrylate | 9.17 | 69 | 2056783 | 171.102 ug/l | 99 |
| 52) 1,3-Dichloropropane | 9.37 | 76 | 2005442 | 155.863 ug/l | 99 |
| 53) Dibromochloromethane | 9.58 | 129 | 1320229 | 161.145 ug/l | 98 |
| 54) 1,2-Dibromoethane | 9.67 | 107 | 1272743 | 156.330 ug/l | 98 |
| 55) 2-Chloroethyl vinyl ether | 8.31 | 63 | 4106315 | 824.727 ug/l | 100 |
| 56) Bromoform | 10.85 | 173 | 1117101 | 188.035 ug/l | 99 |
| 58) 4-Methyl-2-Pentanone | 8.64 | 43 | 9369094 | 895.658 ug/l | 97 |
| 59) 2-Hexanone | 9.49 | 43 | 7486825 | 908.574 ug/l | 97 |
| 61) Tetrachloroethene | 9.33 | 164 | 1084789 | 141.241 ug/l | 97 |
| 62) Toluene | 8.78 | 91 | 4900301 | 151.461 ug/l | 99 |
| 64) Chlorobenzene | 10.14 | 112 | 3175827 | 154.216 ug/l | 99 |
| 65) 1,1,1,2-Tetrachloroethane | 10.21 | 131 | 1203872 | 156.603 ug/l | 99 |
| 66) Ethyl Benzene | 10.25 | 91 | 5505300 | 149.136 ug/l | 99 |
| 67) m/p-Xylenes | 10.35 | 106 | 4294803 | 306.474 ug/l | 95 |
| 68) o-Xylene | 10.70 | 106 | 2101237 | 155.929 ug/l | 96 |
| 69) Styrene | 10.71 | 104 | 3641412 | 157.918 ug/l | 98 |
| 70) Isopropylbenzene | 11.01 | 105 | 5360337 | 146.427 ug/l | 98 |
| 71) 1,1,2,2-Tetrachloroethane | 11.26 | 83 | 2011203 | 173.205 ug/l | 99 |
| 72) 1,2,3-Trichloropropane | 11.29 | 75 | 2391530 | 248.417 ug/l | 80 |
| 73) Bromobenzene | 11.25 | 156 | 1475054 | 164.482 ug/l | 97 |
| 74) n-propylbenzene | 11.35 | 91 | 6205736 | 153.403 ug/l | 98 |
| 75) 2-Chlorotoluene | 11.42 | 91 | 3705180 | 147.965 ug/l | 99 |
| 76) 1,3,5-Trimethylbenzene | 11.50 | 105 | 4665189 | 151.187 ug/l | 99 |
| 77) t-1,4-Dichloro-2-butene | 11.07 | 75 | 751896 | 192.264 ug/l | 94 |
| 78) 4-Chlorotoluene | 11.51 | 91 | 4335764 | 151.163 ug/l | 98 |
| 79) tert-butylbenzene | 11.77 | 119 | 4778972 | 158.588 ug/l | 99 |
| 80) 1,2,4-Trimethylbenzene | 11.81 | 105 | 4664491 | 151.470 ug/l | 100 |
| 81) sec-Butylbenzene | 11.94 | 105 | 5434232 | 154.090 ug/l | 99 |
| 82) p-Isopropyltoluene | 12.06 | 119 | 5037035 | 155.549 ug/l | 98 |
| 83) 1,3-Dichlorobenzene | 12.03 | 146 | 2674801 | 164.965 ug/l | 99 |
| 84) 1,4-Dichlorobenzene | 12.09 | 146 | 2641316 | 164.684 ug/l | 100 |
| 85) n-Butylbenzene | 12.39 | 91 | 4559473 | 165.263 ug/l | 98 |
| 86) Hexachloroethane | 12.59 | 117 | 995427 | 175.290 ug/l | 97 |
| 87) 1,2-Dichlorobenzene | 12.39 | 146 | 2638314 | 167.315 ug/l | 98 |
| 88) 1,2-Dibromo-3-Chloropropan | 12.99 | 75 | 481501 | 174.360 ug/l | 99 |
| 89) 1,2,4-Trichlorobenzene | 13.64 | 180 | 1929457 | 192.135 ug/l | 98 |
| 90) Hexachlorobutadiene | 13.78 | 225 | 887585 | 174.866 ug/l | 98 |
| 91) Naphthalene | 13.83 | 128 | 6035948 | 185.835 ug/l | 99 |
| 92) 1,2,3-Trichlorobenzene | 14.02 | 180 | 1905437 | 185.466 ug/l | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111119\
Data File : VX013371.D
Acq On : 11 Nov 2019 18:02
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Nov 12 01:06:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:01:06 2019
Response via : Initial Calibration

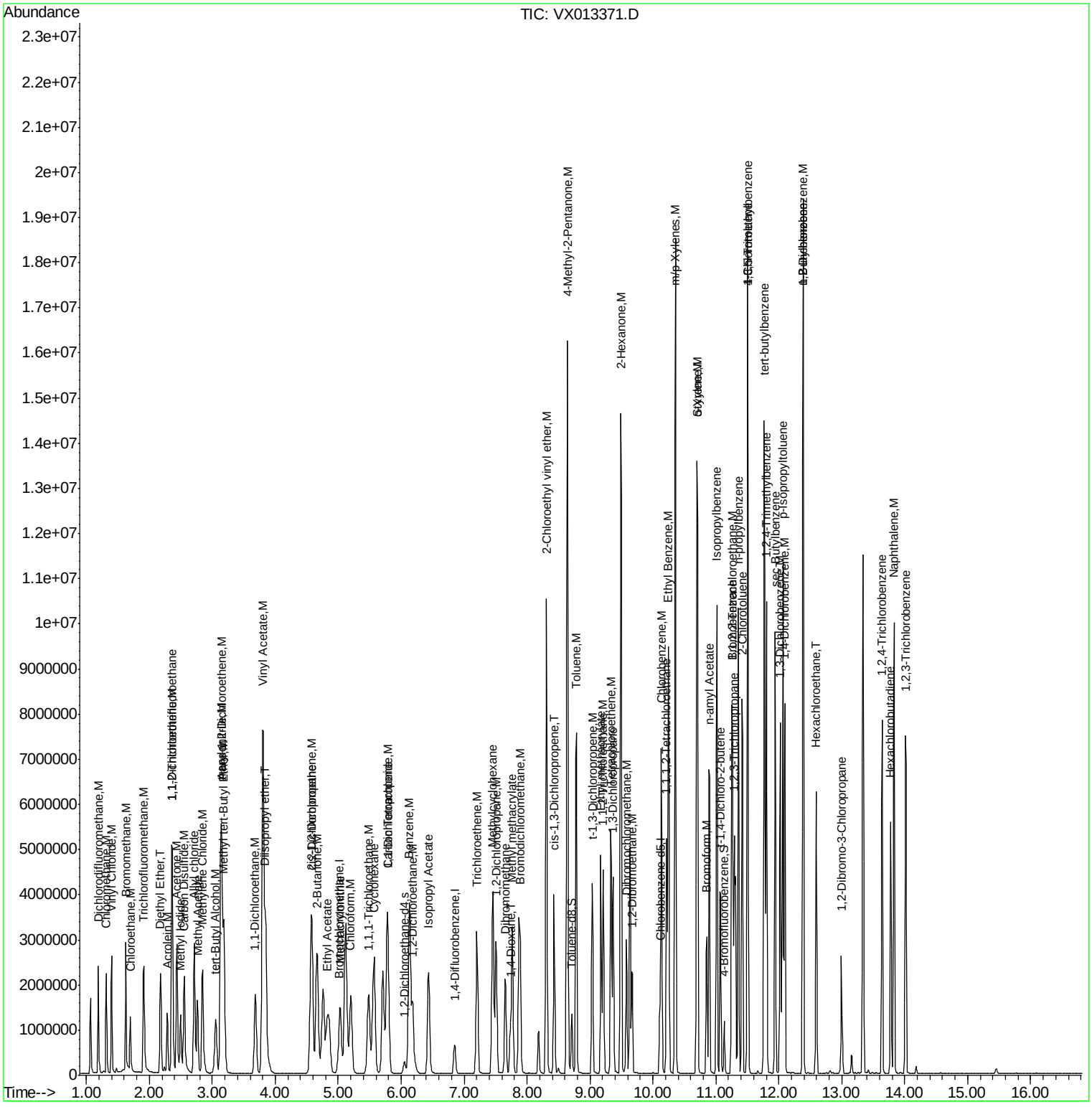
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

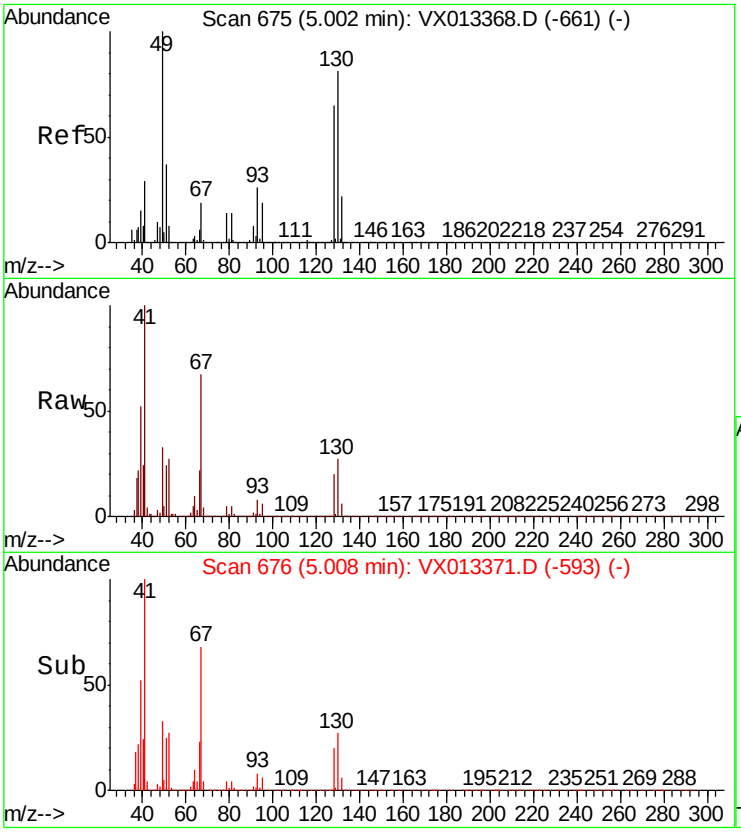
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111119\
Data File : VX013371.D
Acq On : 11 Nov 2019 18:02
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Nov 12 01:06:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:01:06 2019
Response via : Initial Calibration



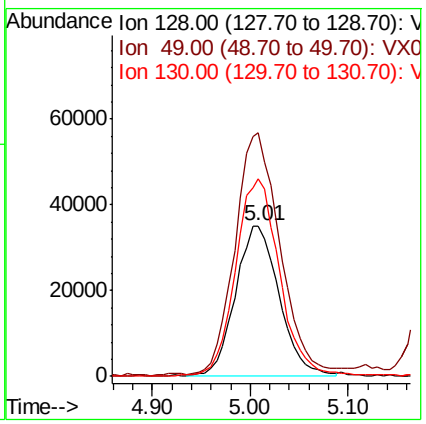


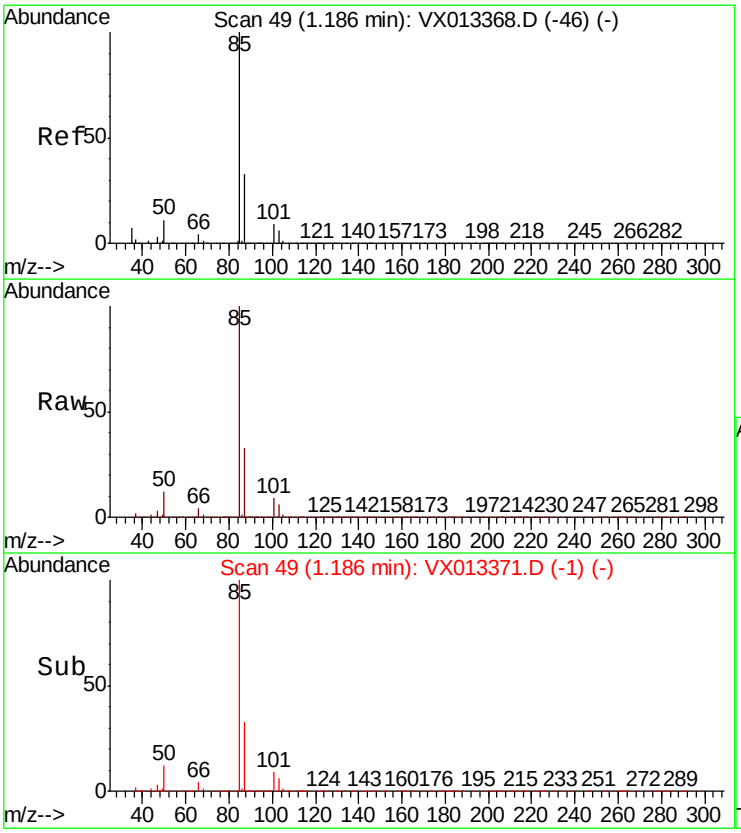

#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion:128 Resp: 108385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 166.7 | 0.0 | 388.3 |
| 130 | 133.1 | 0.0 | 318.5 |

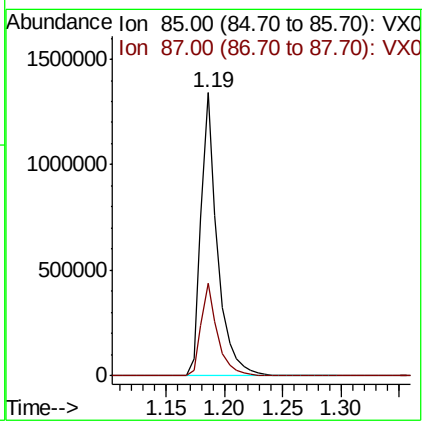


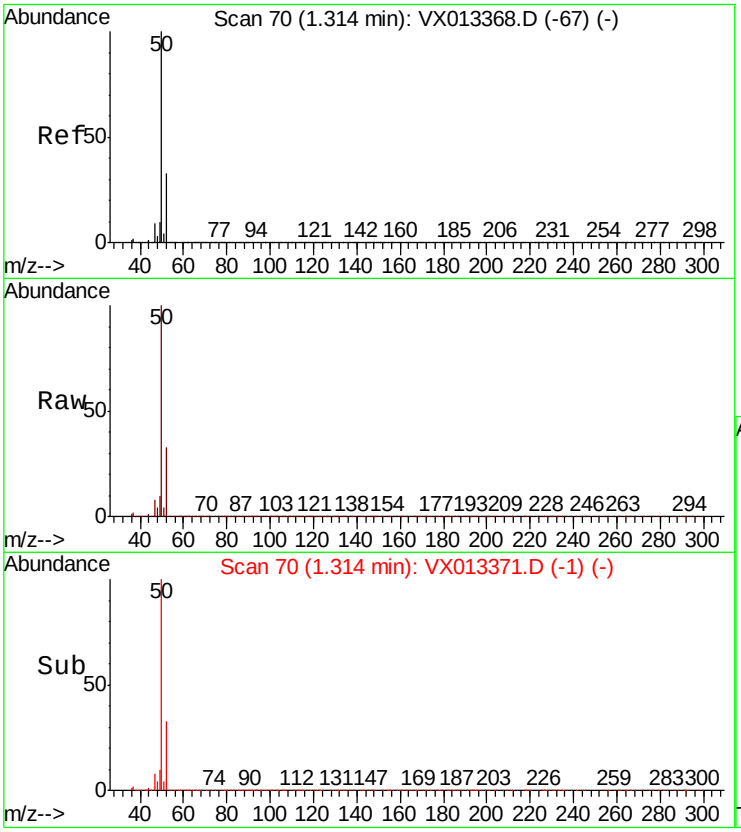




#2
Dichlorodifluoromethane
Concen: 168.893 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 85 Resp: 1313930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.6 | 16.6 | 49.7 |



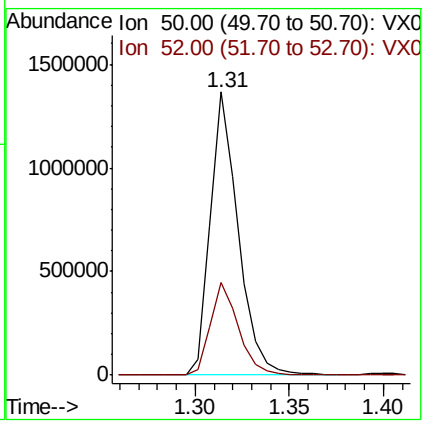


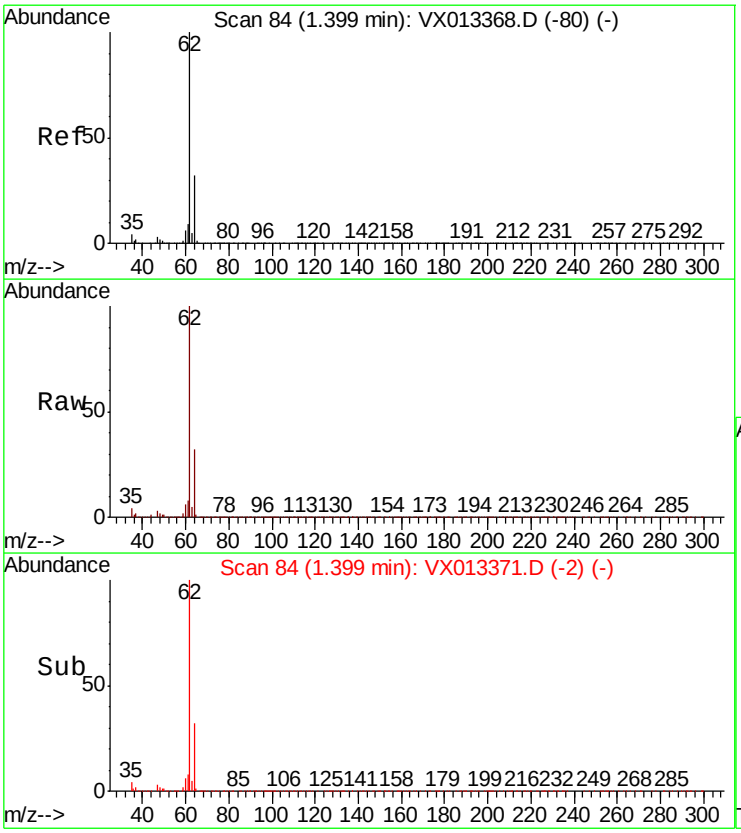

#3
Chloromethane
Concen: 195.571 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 50 Resp: 1399682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.8 | 26.6 | 40.0 |

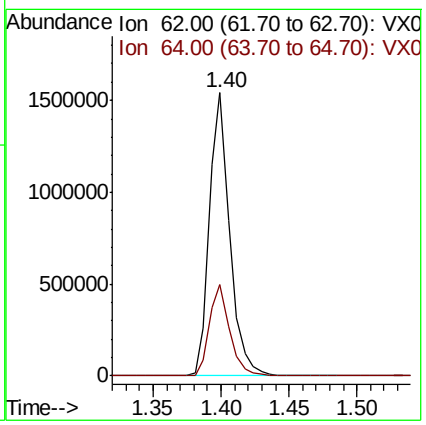


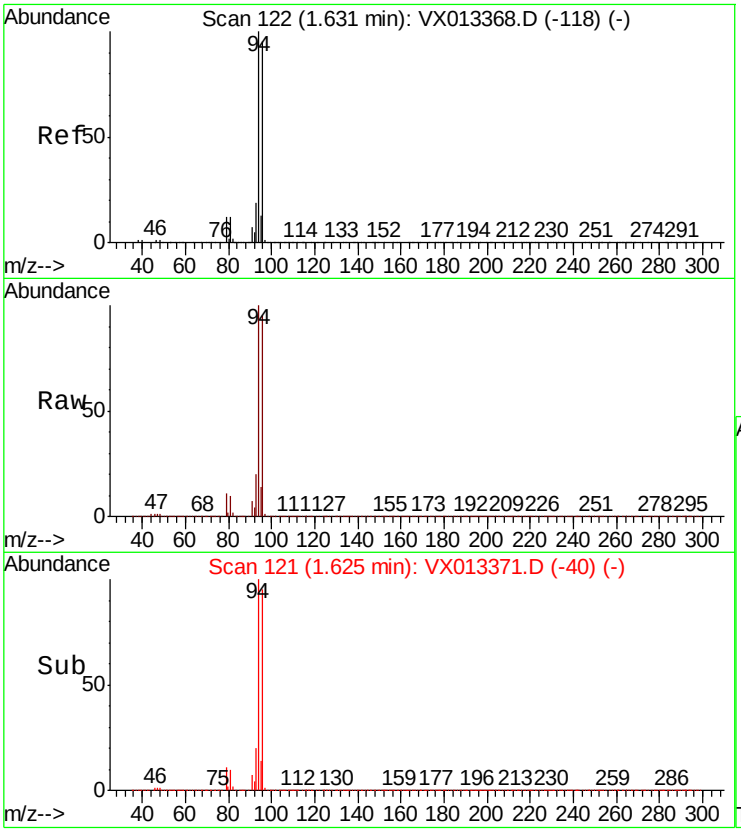




#4
Vinyl Chloride
Concen: 211.496 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 62 Resp: 1598688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.1 | 25.4 | 38.2 |



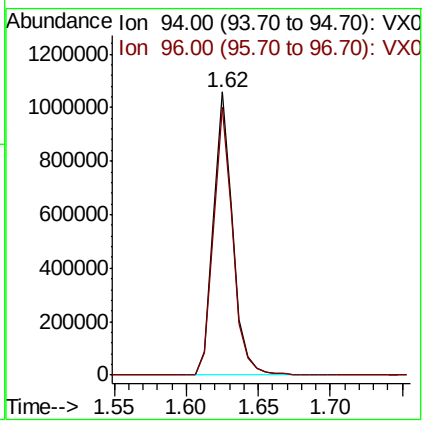


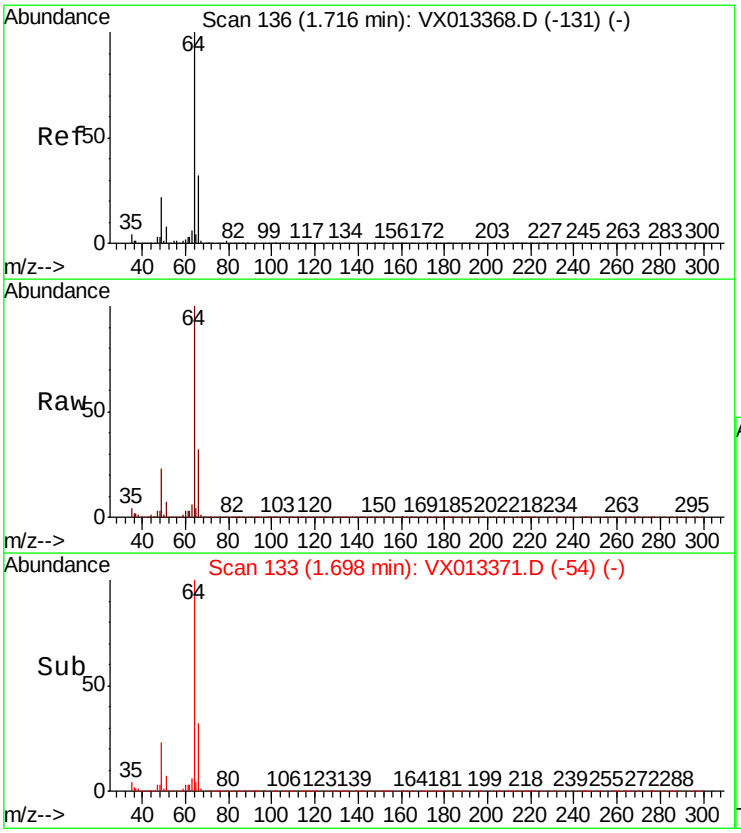

#5
Bromomethane
Concen: 249.485 ug/l
RT: 1.62 min Scan# 121
Delta R.T. -0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 94 Resp: 986161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.7 | 75.7 | 113.5 |

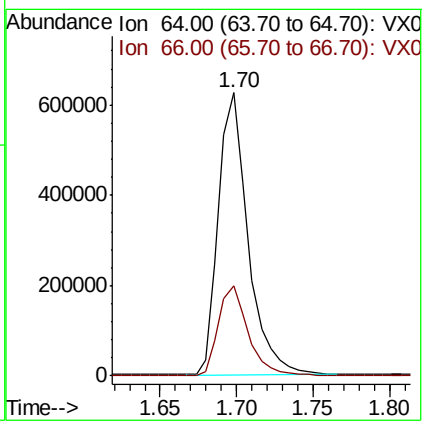


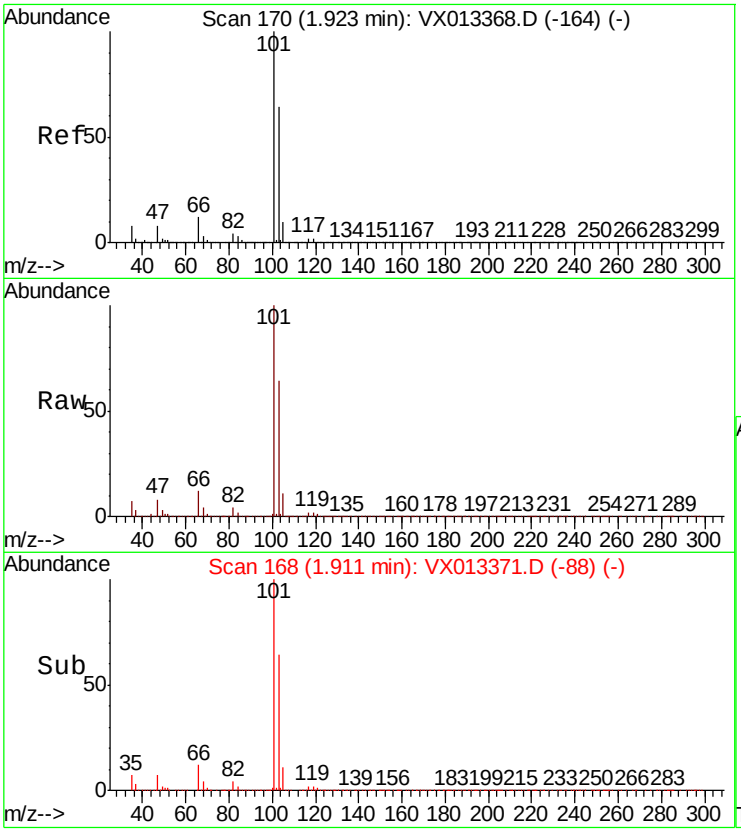




#6
Chloroethane
Concen: 183.001 ug/l
RT: 1.70 min Scan# 133
Delta R.T. -0.02 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 64 Resp: 843441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.1 | 25.5 | 38.3 |

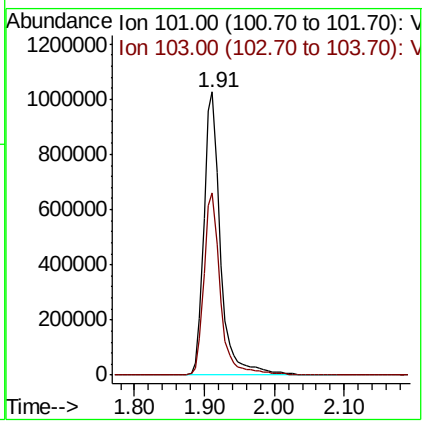




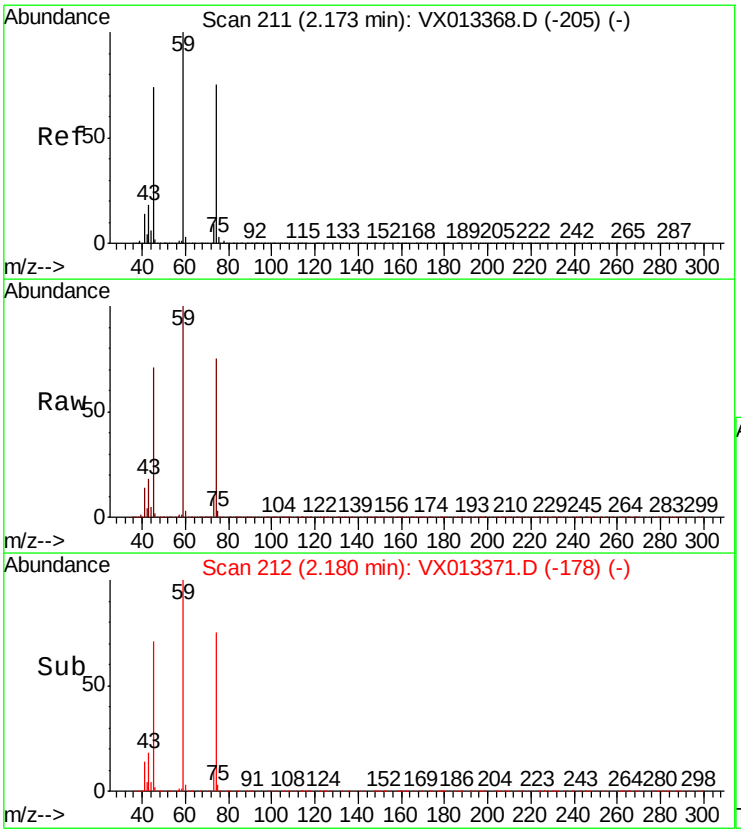

#7
Trichlorofluoromethane
Concen: 152.090 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion:101 Resp: 1680927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.5 | 51.2 | 76.8 |



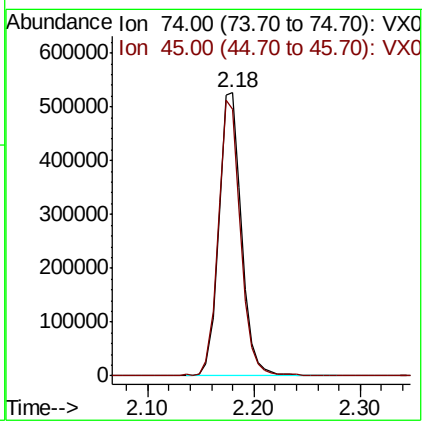

**Instrument :**
MSVOA_X
**ClientSampleId :**

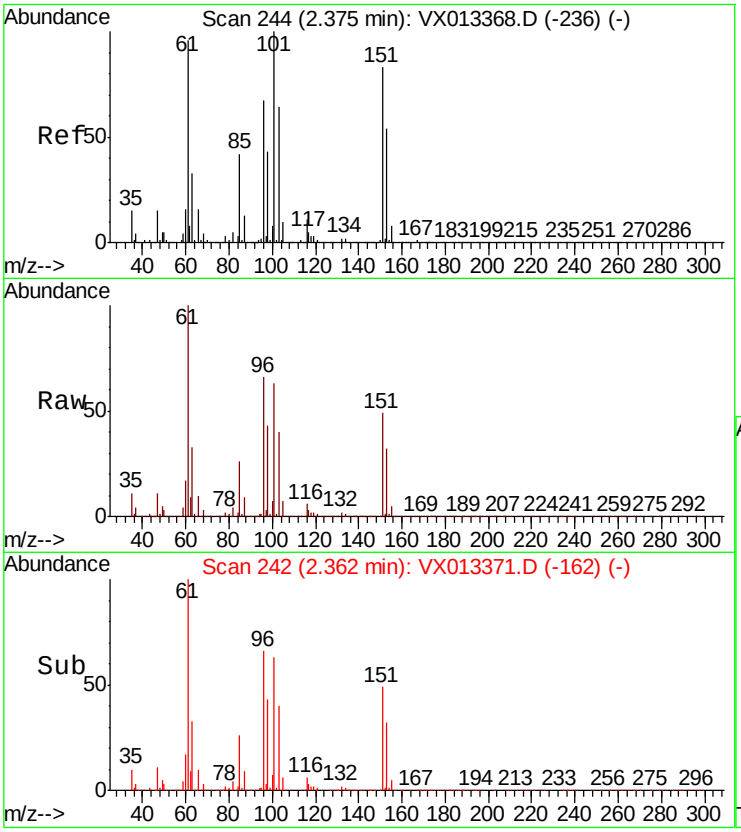



#8
Diethyl Ether
Concen: 193.285 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 74 Resp: 775053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 96.0 | 19.5 | 175.5 |



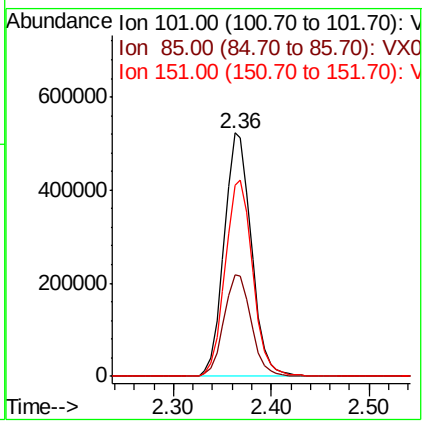


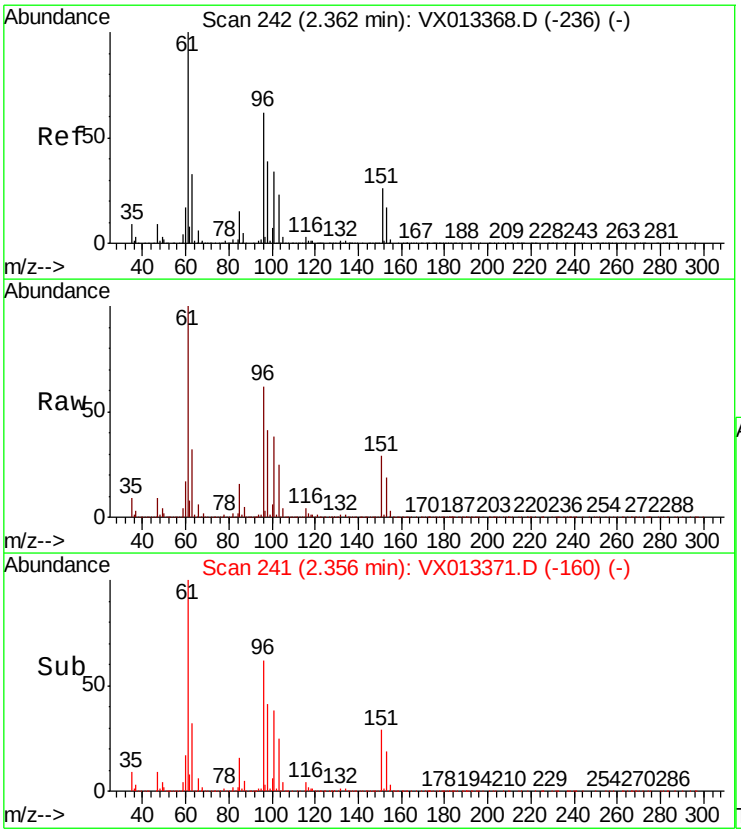

#9
1,1,2-Trichlorotrifluoroethane
Concen: 148.540 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion:101 Resp: 1009365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 41.8 | 0.0 | 83.2 |
| 151 | 81.6 | 0.0 | 163.8 |

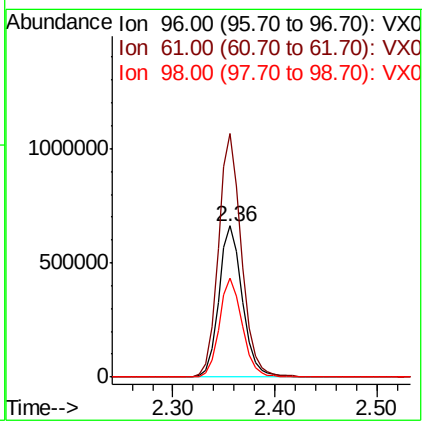


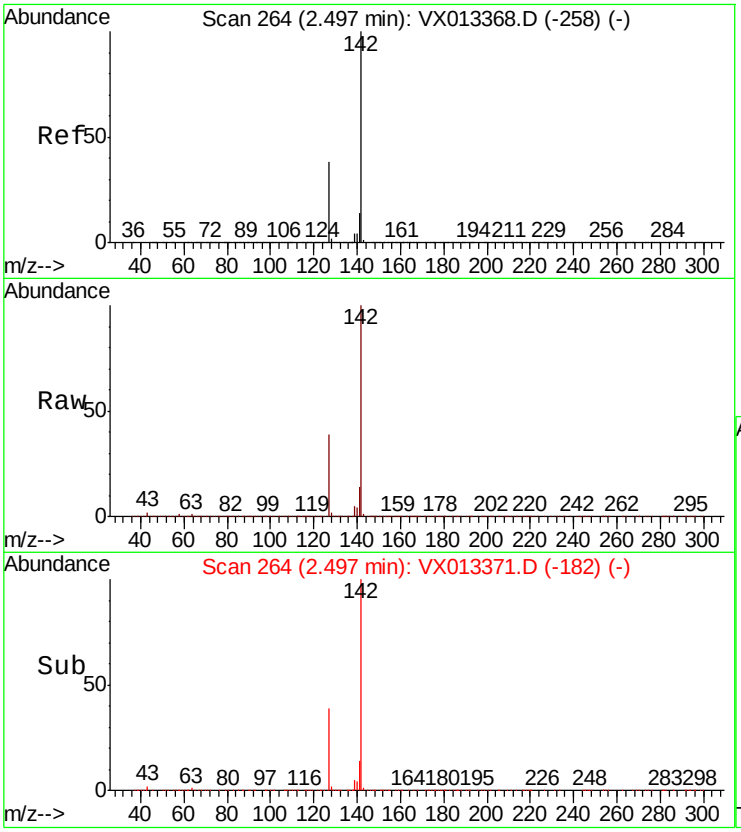




#10
1,1-Dichloroethene
Concen: 159.990 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 96 Resp: 1053568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 160.9 | 128.9 | 193.3 |
| 98 | 65.8 | 49.7 | 74.5 |



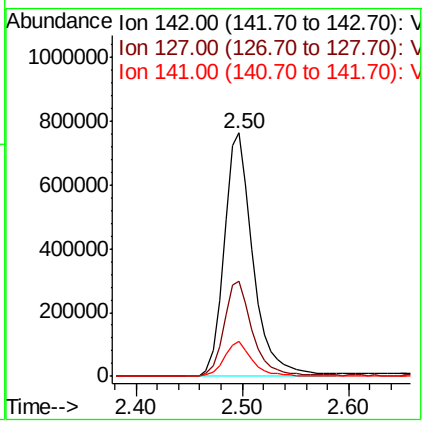


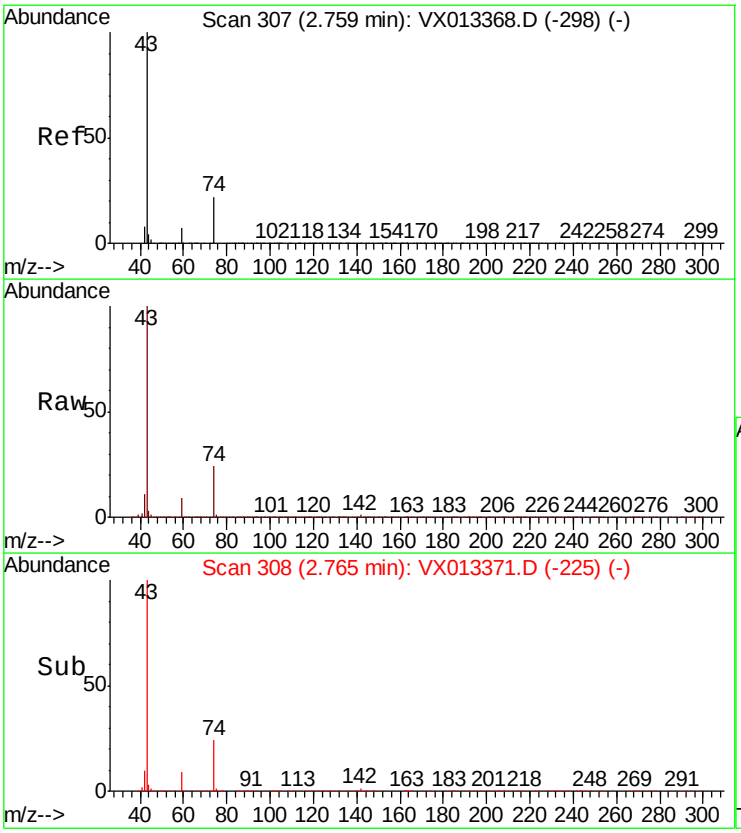

#11
Methyl Iodide
Concen: 172.547 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion:142 Resp: 1452851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 38.8 | 19.1 | 57.5 |
| 141 | 14.3 | 7.0 | 21.0 |

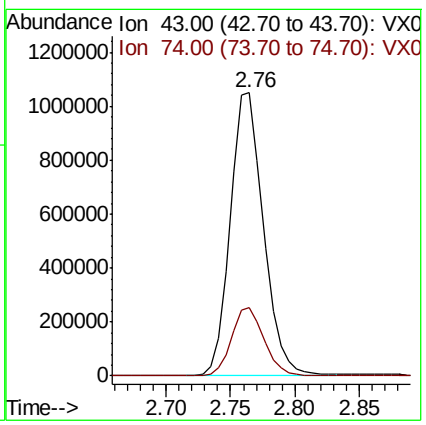


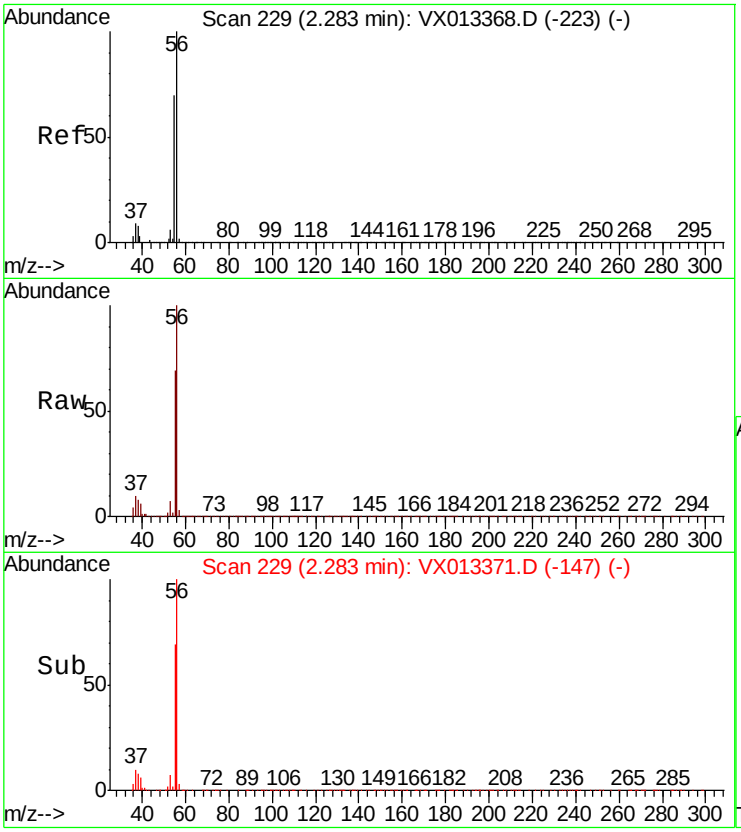




#12
Methyl Acetate
Concen: 207.882 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 43 Resp: 1881035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.1 | 18.0 | 27.0 |



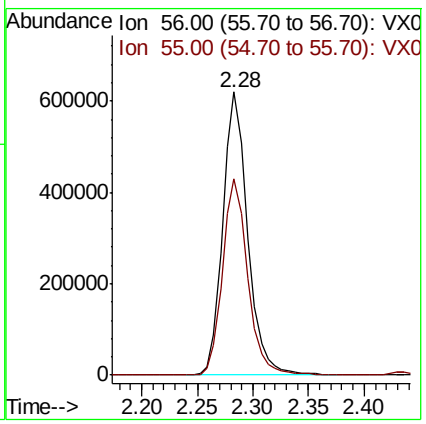


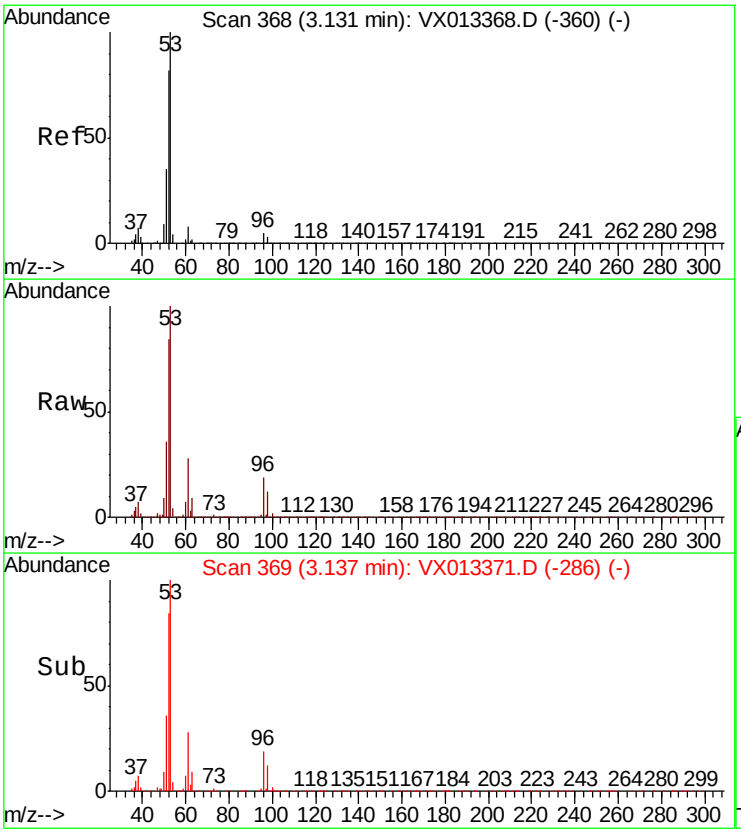

#13
Acrolein
Concen: 767.282 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 56 Resp: 953361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.4 | 55.8 | 83.8 |

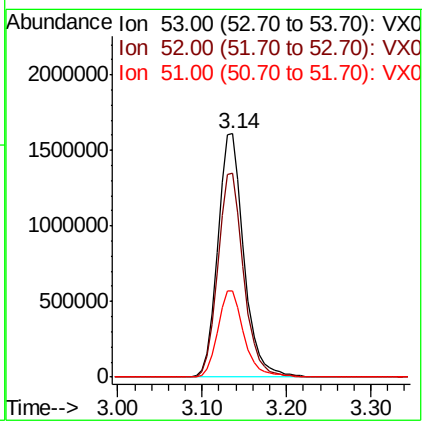


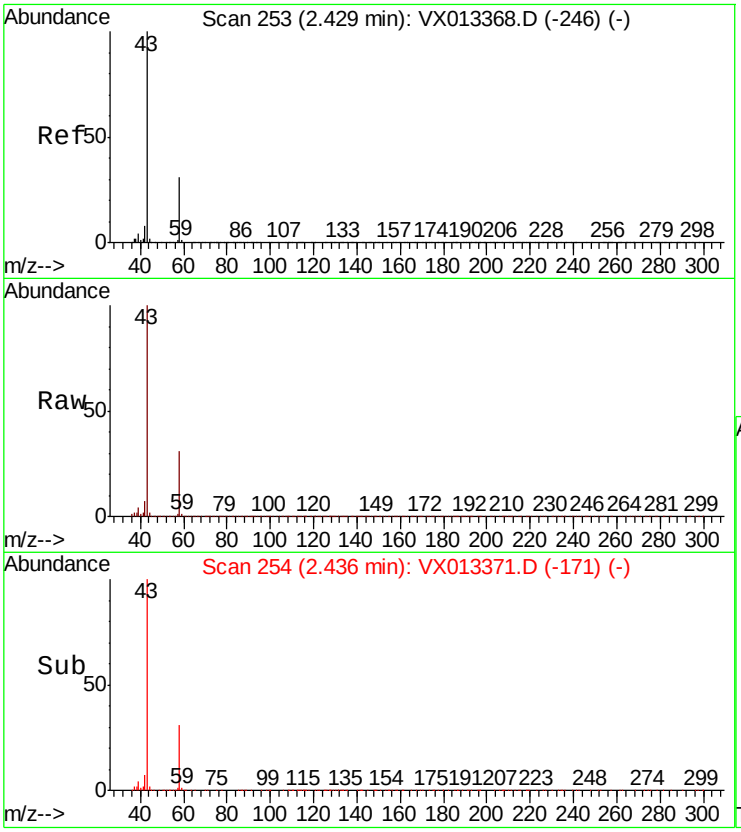




#14
Acrylonitrile
Concen: 929.720 ug/l
RT: 3.14 min Scan# 369
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 53 Resp: 3409610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 83.4 | 41.0 | 123.0 |
| 51 | 36.0 | 17.3 | 51.9 |



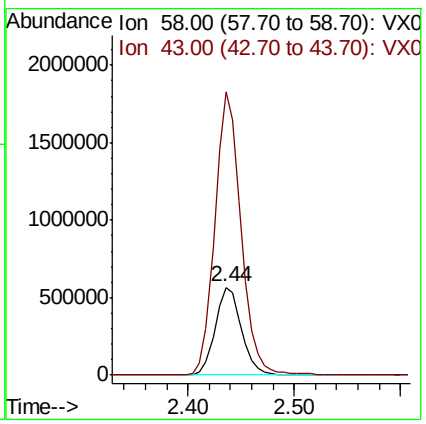


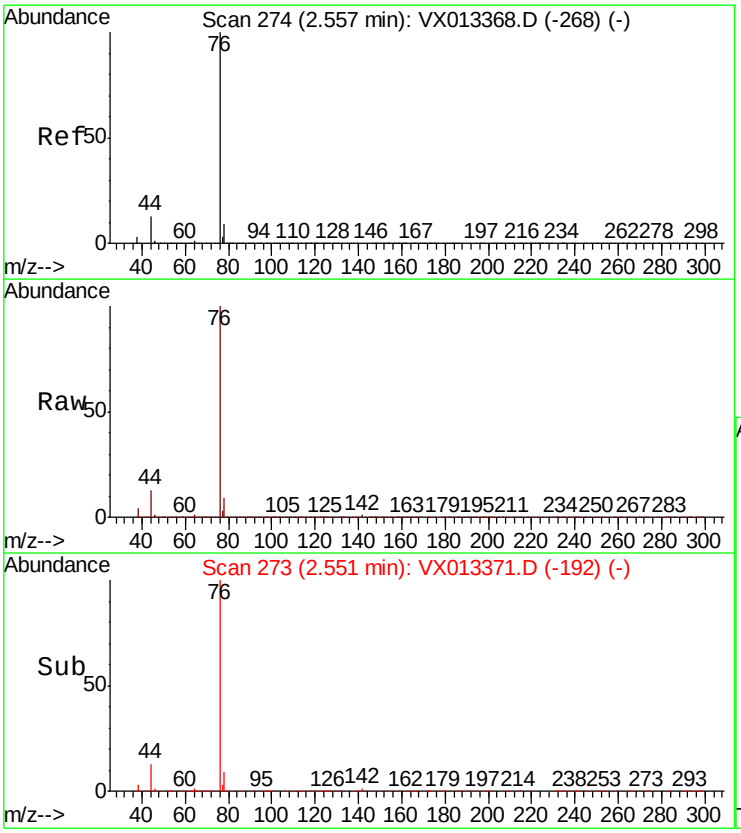

#15
Acetone
Concen: 800.382 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 58 Resp: 967946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 58 | 100 | | |
| 43 | 321.5 | 261.4 | 392.2 |

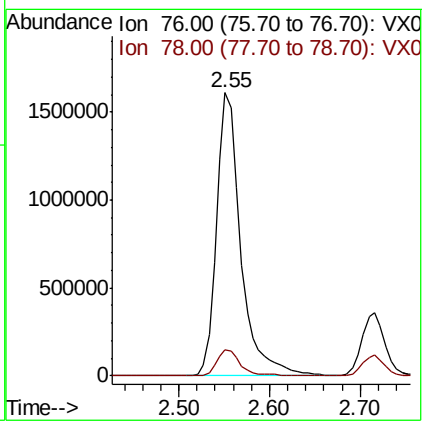


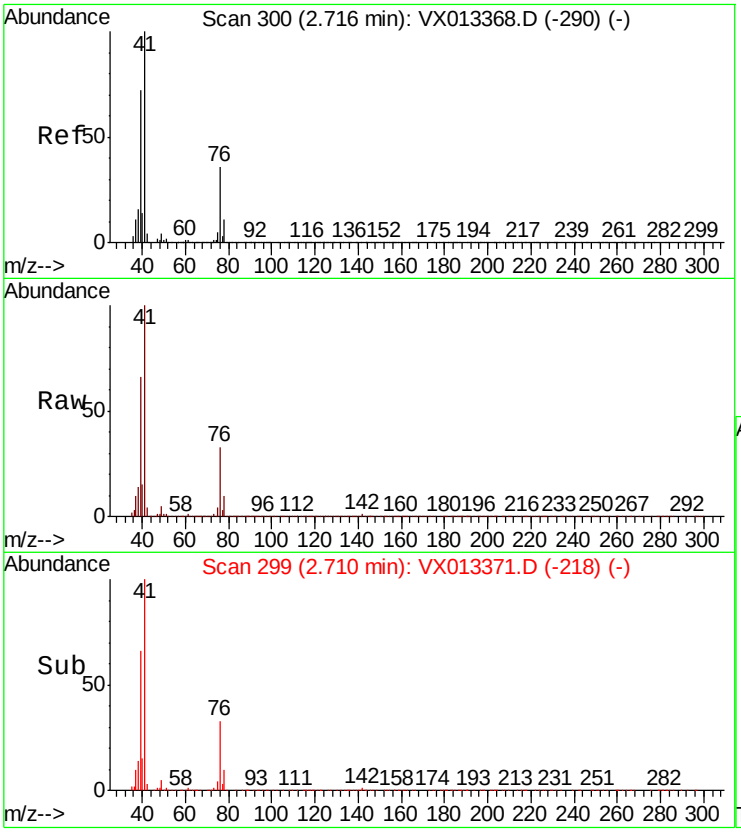




#16
Carbon Disulfide
Concen: 169.954 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 76 Resp: 3018218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.3 | 7.4 | 11.0 |



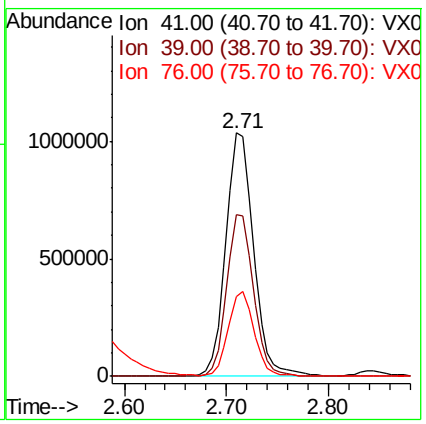


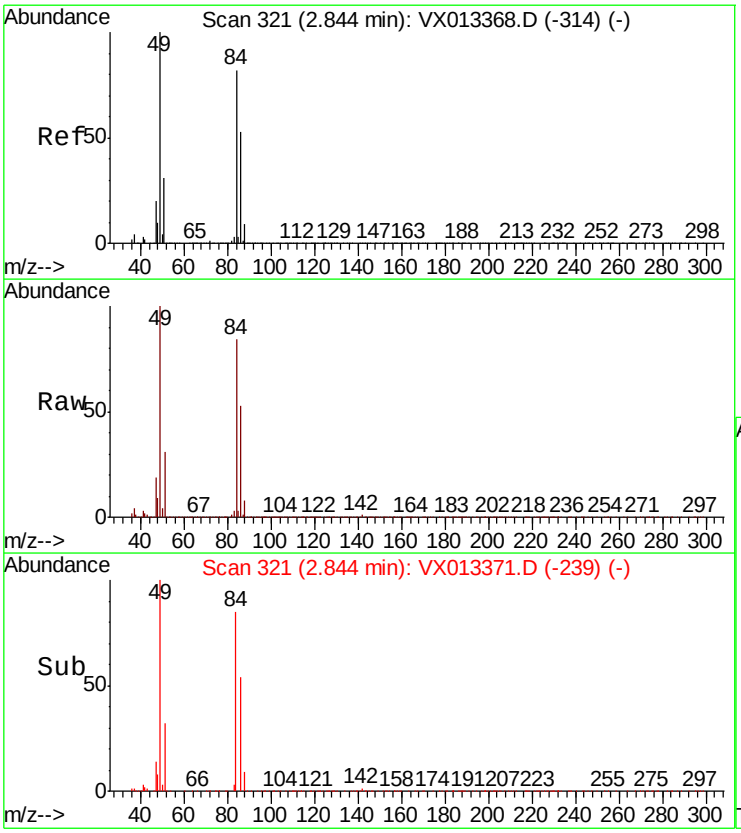

#17
Allyl chloride
Concen: 180.463 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 41 Resp: 1947837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 66.2 | 36.1 | 108.3 |
| 76 | 32.9 | 18.1 | 54.4 |

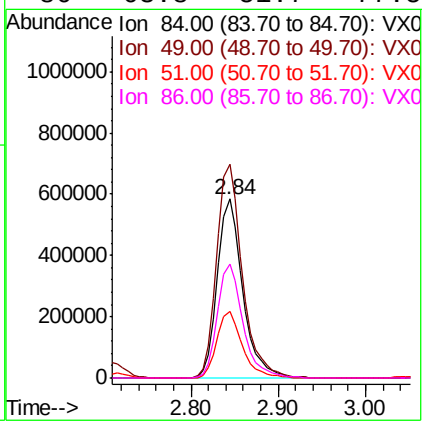


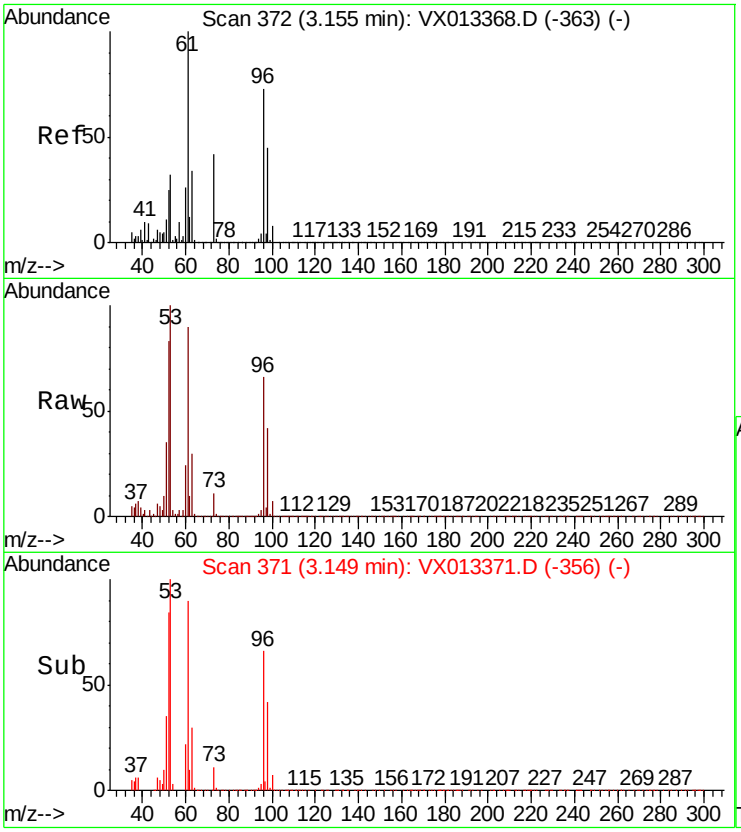




#18
Methylene Chloride
Concen: 154.727 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 84 Resp: 1174099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 119.4 | 96.8 | 145.2 |
| 51 | 37.0 | 30.0 | 45.0 |
| 86 | 63.8 | 51.7 | 77.5 |



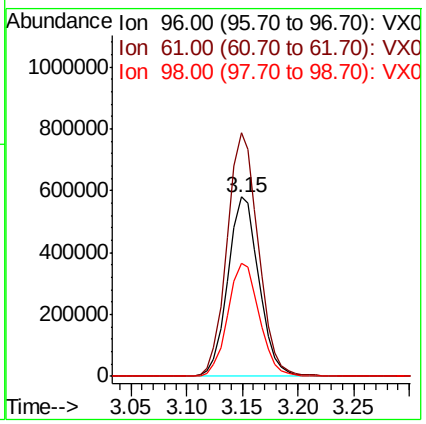


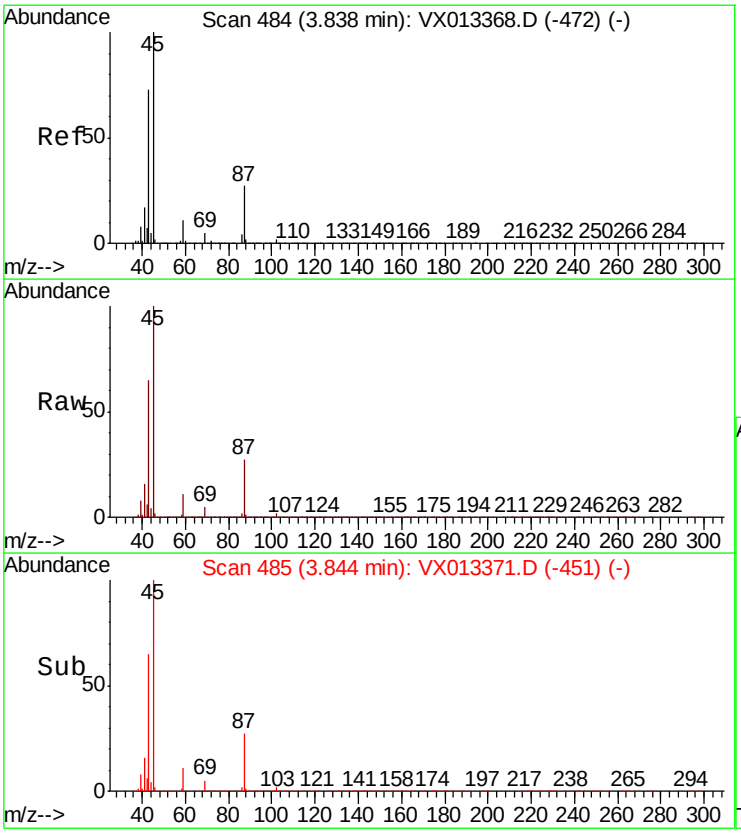

#19
trans-1,2-Dichloroethene
Concen: 160.912 ug/l
RT: 3.15 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 96 Resp: 1123694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 136.0 | 109.9 | 164.9 |
| 98 | 63.5 | 49.7 | 74.5 |

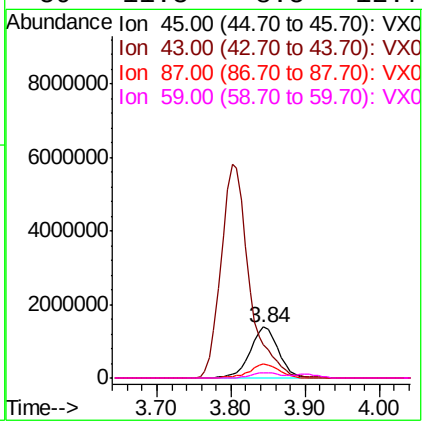


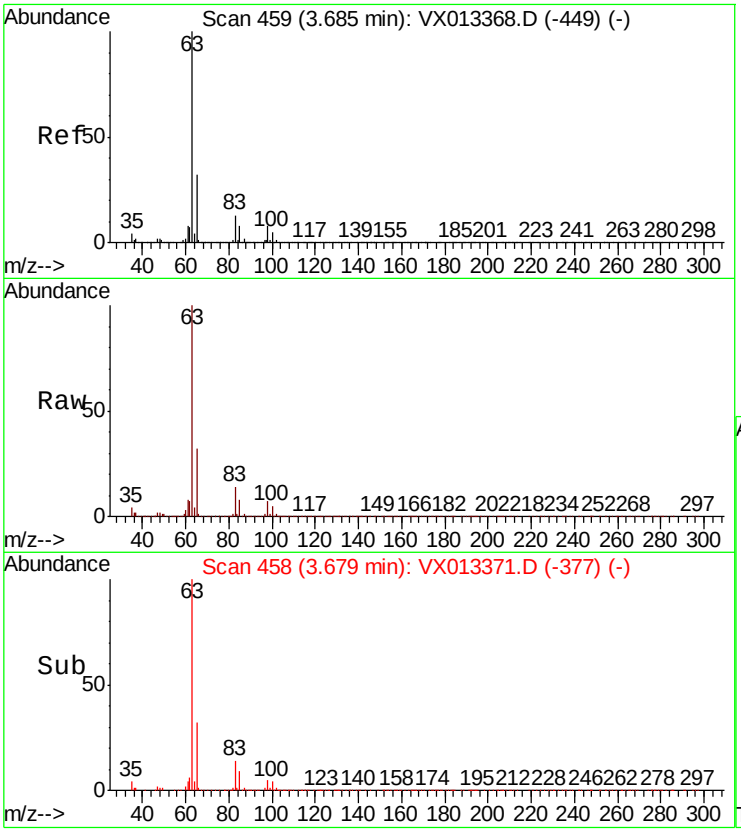




#20
Diisopropyl ether
Concen: 178.018 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 45 Resp: 3694902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 65.4 | 67.7 | 101.5# |
| 87 | 27.1 | 21.5 | 32.3 |
| 59 | 11.3 | 8.5 | 12.7 |



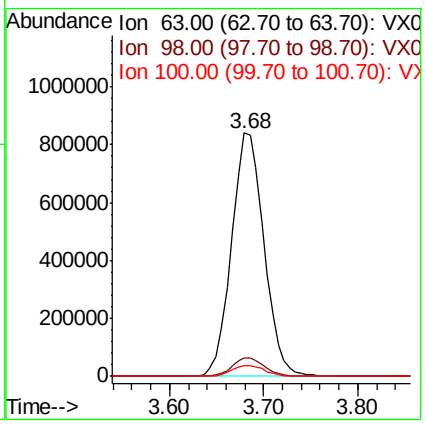


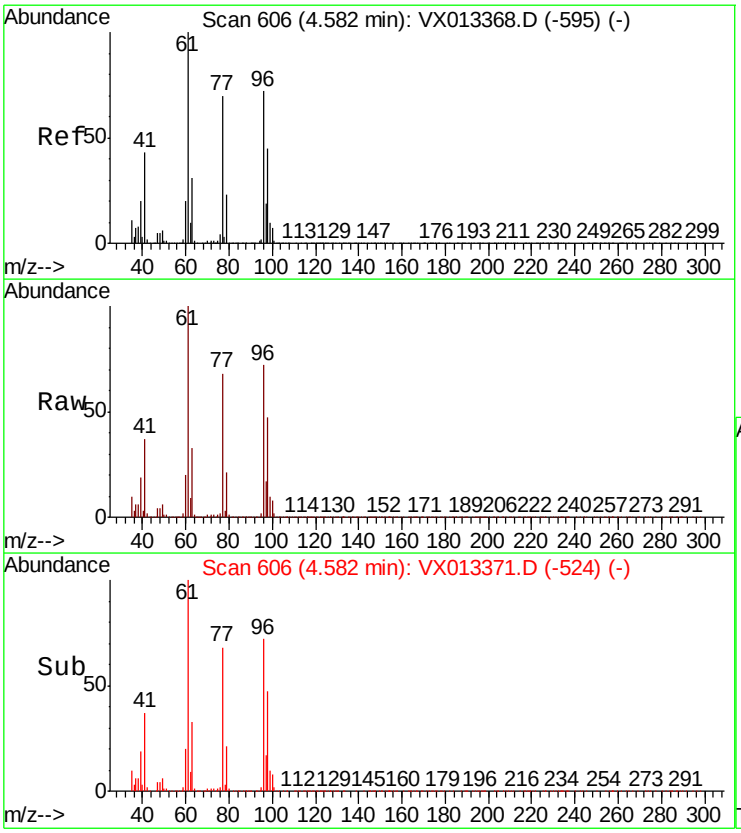

#21
1,1-Dichloroethane
Concen: 162.752 ug/l
RT: 3.68 min Scan# 458
Delta R.T. -0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 63 Resp: 2012522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.3 | 4.0 | 11.9 |
| 100 | 4.6 | 2.5 | 7.5 |

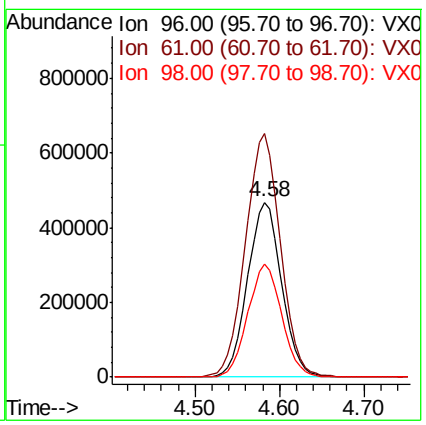


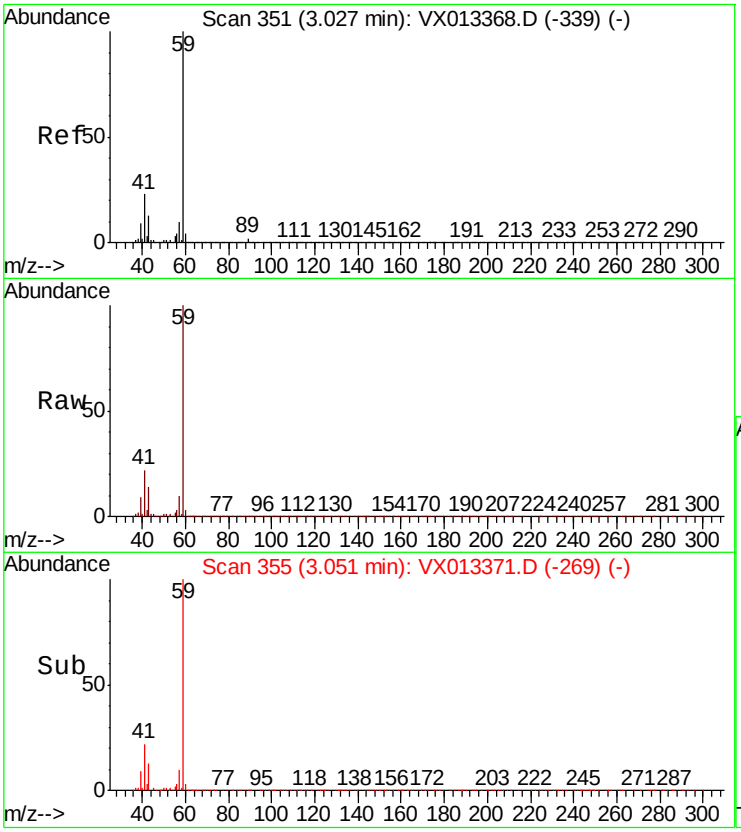




#22
cis-1,2-Dichloroethene
Concen: 161.645 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 96 Resp: 1284757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 143.3 | 117.0 | 175.6 |
| 98 | 64.6 | 51.1 | 76.7 |



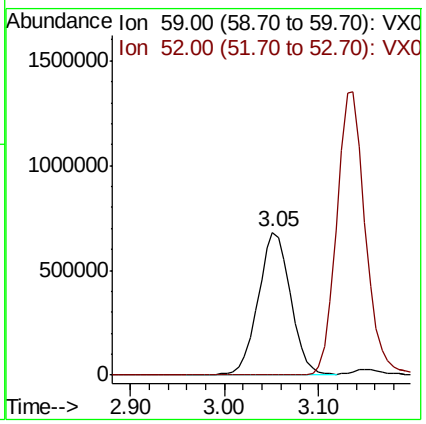


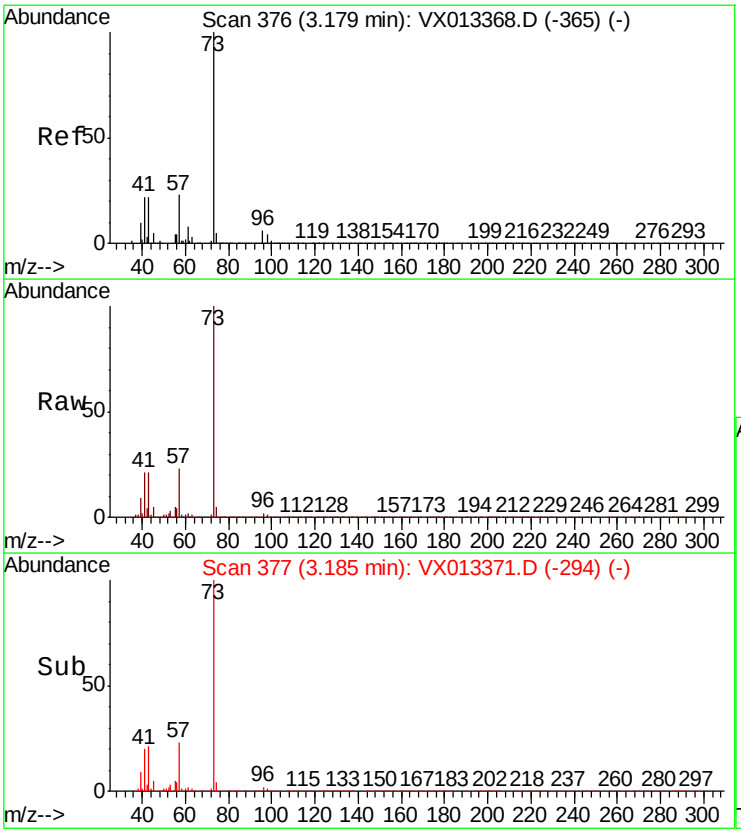

#23
tert-Butyl Alcohol
Concen: 875.774 ug/l
RT: 3.05 min Scan# 355
Delta R.T. 0.02 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 59 Resp: 1646573

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

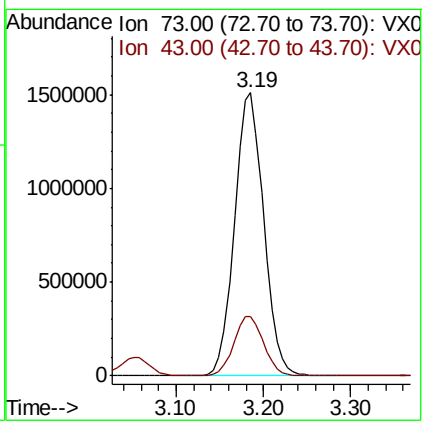


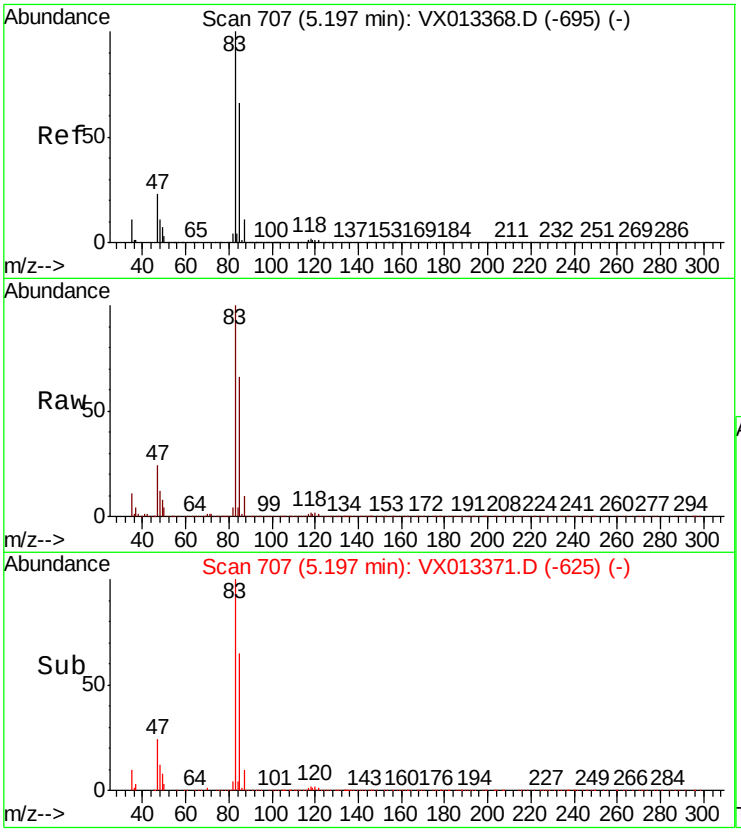




#24
Methyl tert-Butyl Ether
Concen: 154.451 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 73 Resp: 3489263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 21.4 | 17.0 | 25.6 |



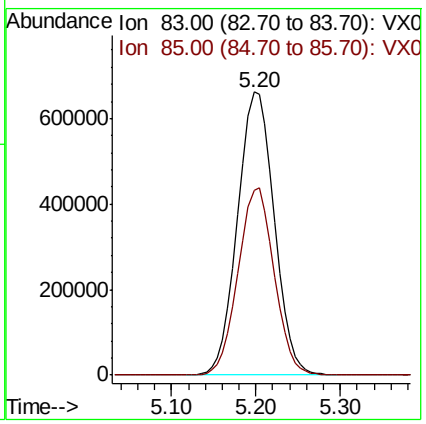


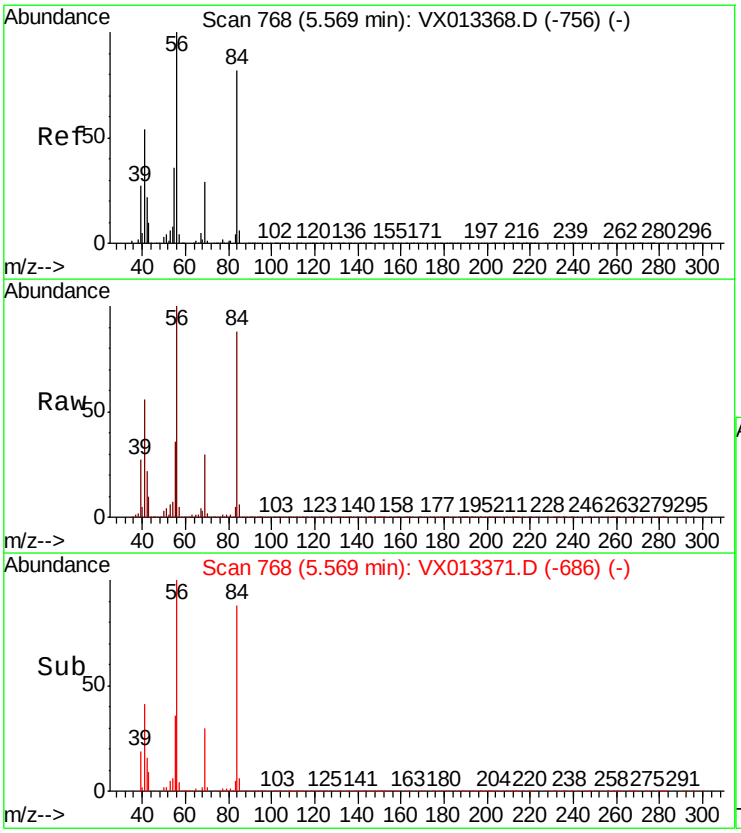

#25
Chloroform
Concen: 152.398 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 83 Resp: 1954752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.5 | 52.4 | 78.6 |

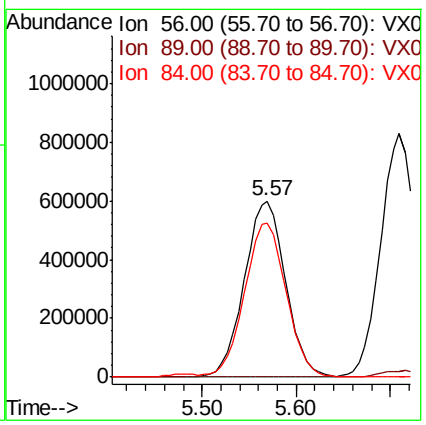


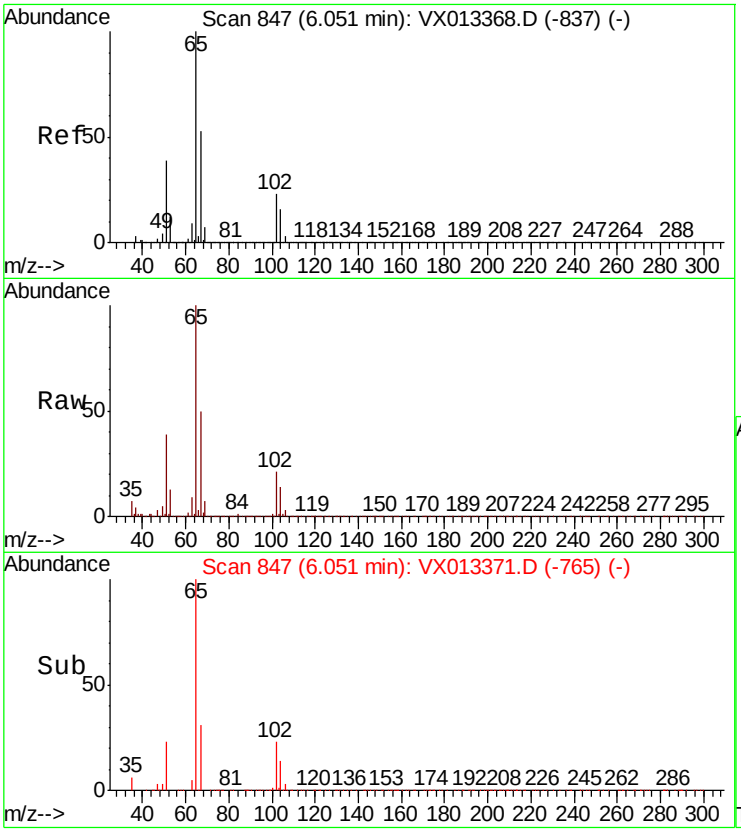




#26
Cyclohexane
Concen: 167.463 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 56 Resp: 1829222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 89 | 0.0 | 0.0 | 0.0# |
| 84 | 88.7 | 70.5 | 105.7 |



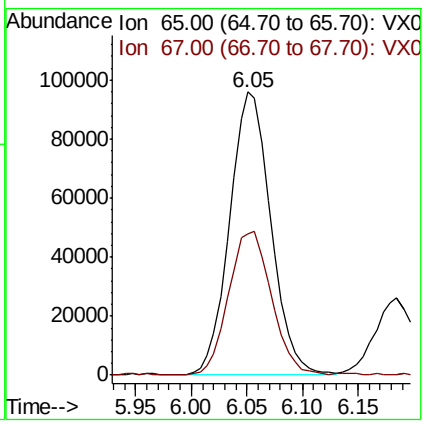


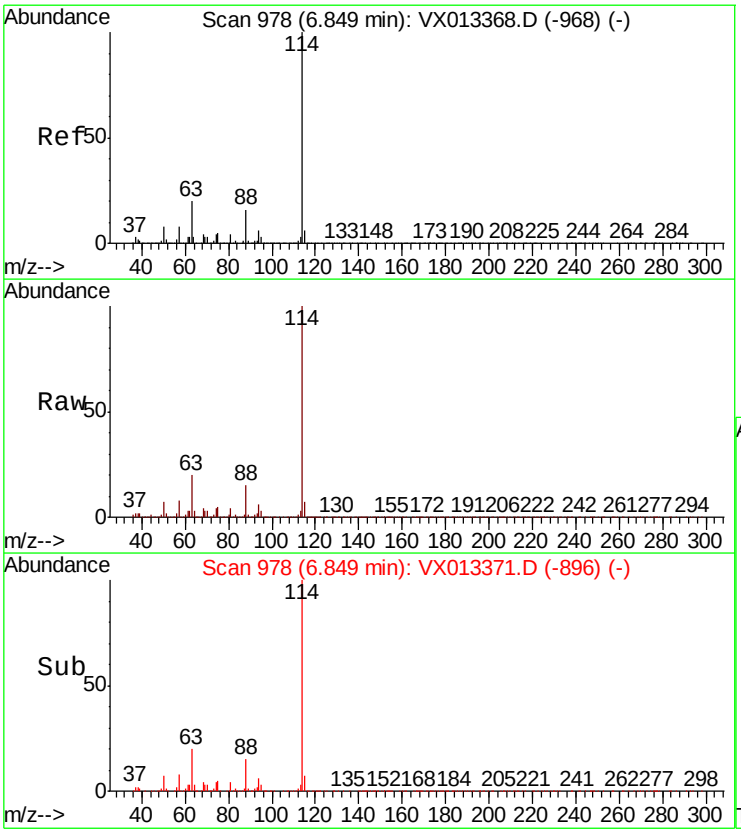

#27
1,2-Dichloroethane-d4
Concen: 29.195 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 65 Resp: 244728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.8 | 41.0 | 61.6 |

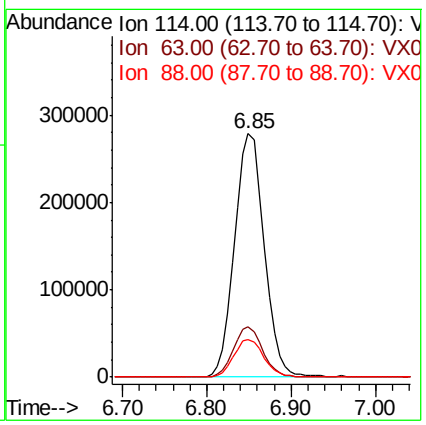


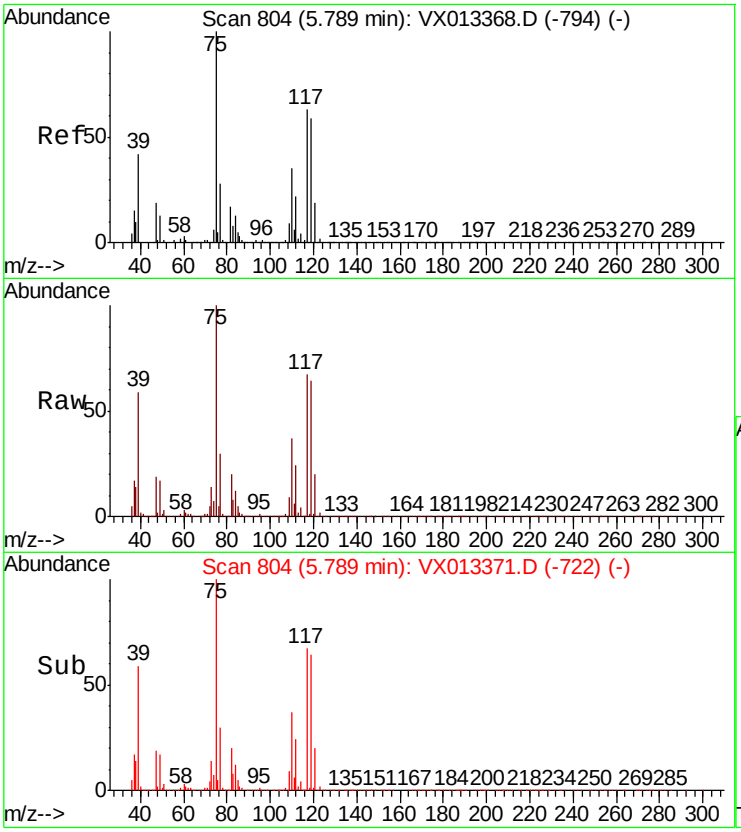




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion:114 Resp: 661906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.0 | 16.1 | 24.1 |
| 88 | 15.6 | 12.3 | 18.5 |



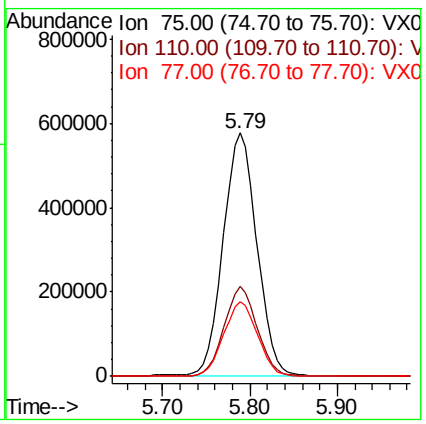


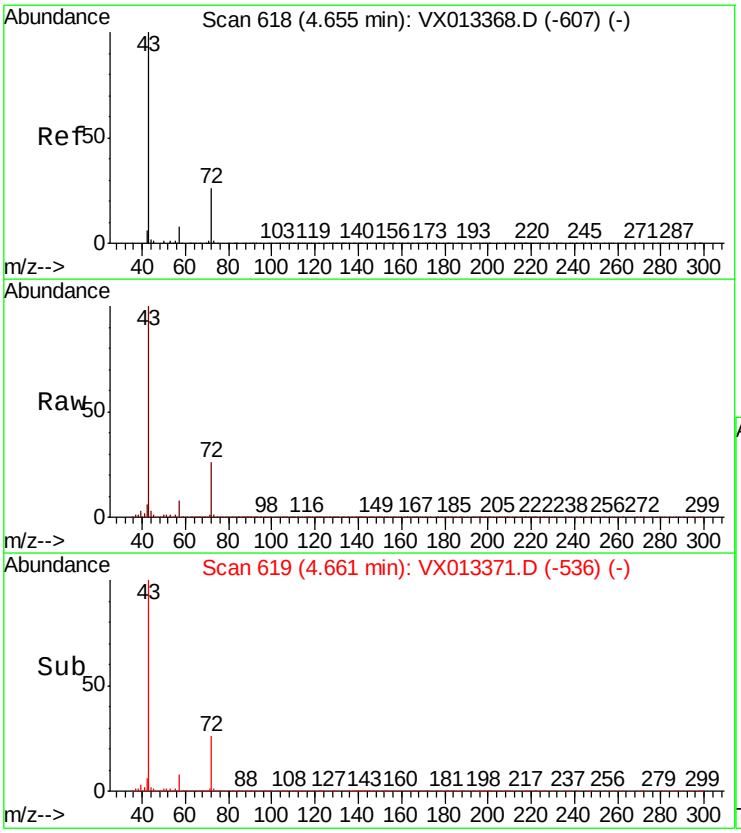

#29
1,1-Dichloropropene
Concen: 153.618 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 75 Resp: 1549220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 36.2 | 0.0 | 74.6 |
| 77 | 30.8 | 0.0 | 62.6 |

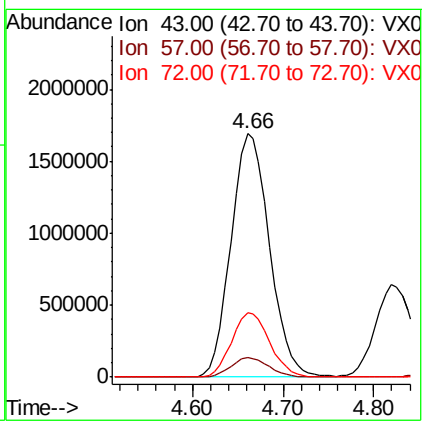


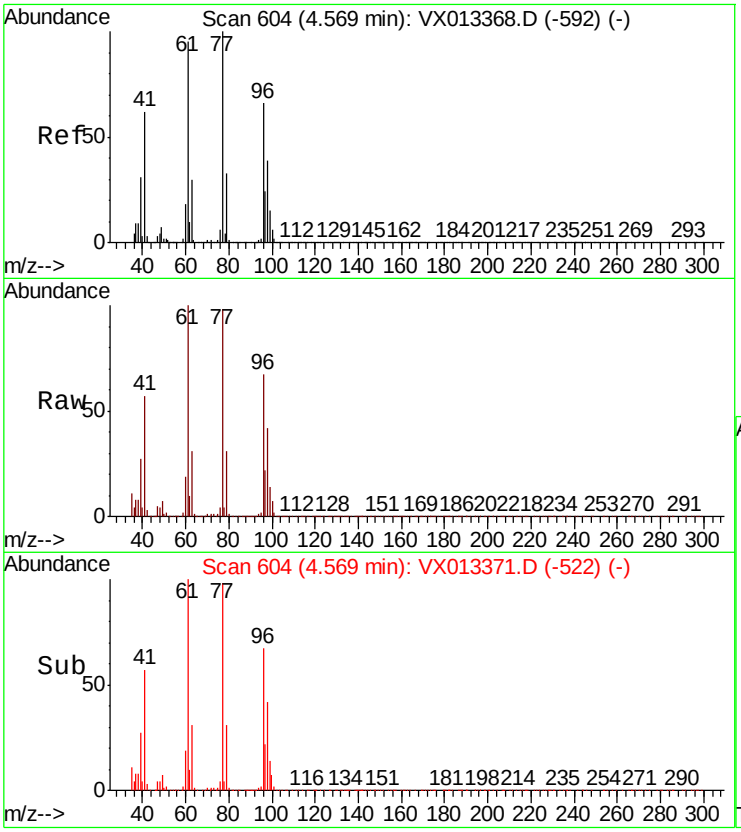




#30
2-Butanone
Concen: 885.769 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 43 Resp: 4969498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 8.0 | 6.1 | 9.1 |
| 72 | 26.1 | 20.5 | 30.7 |



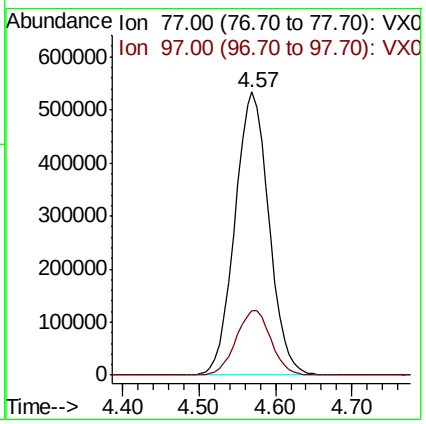


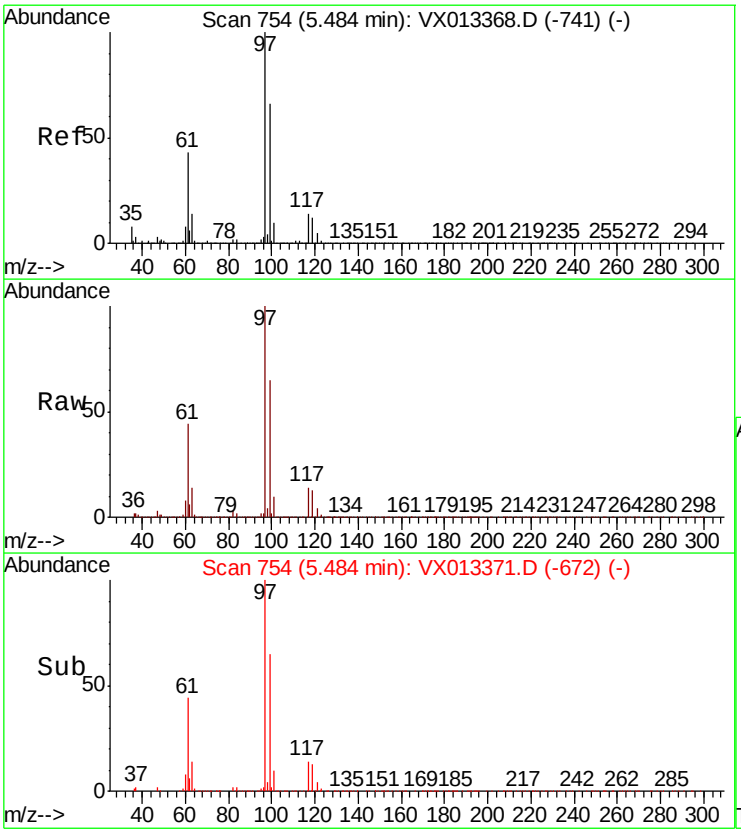

#31
2,2-Dichloropropane
Concen: 141.499 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 77 Resp: 1646299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 23.4 | 19.2 | 28.8 |

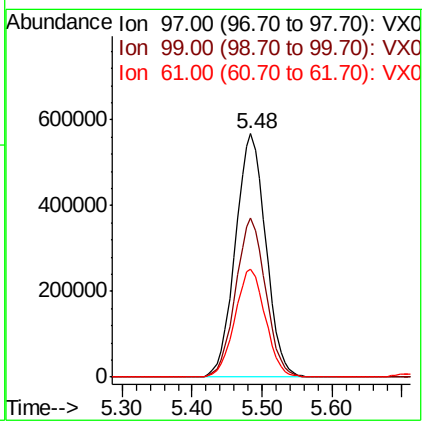


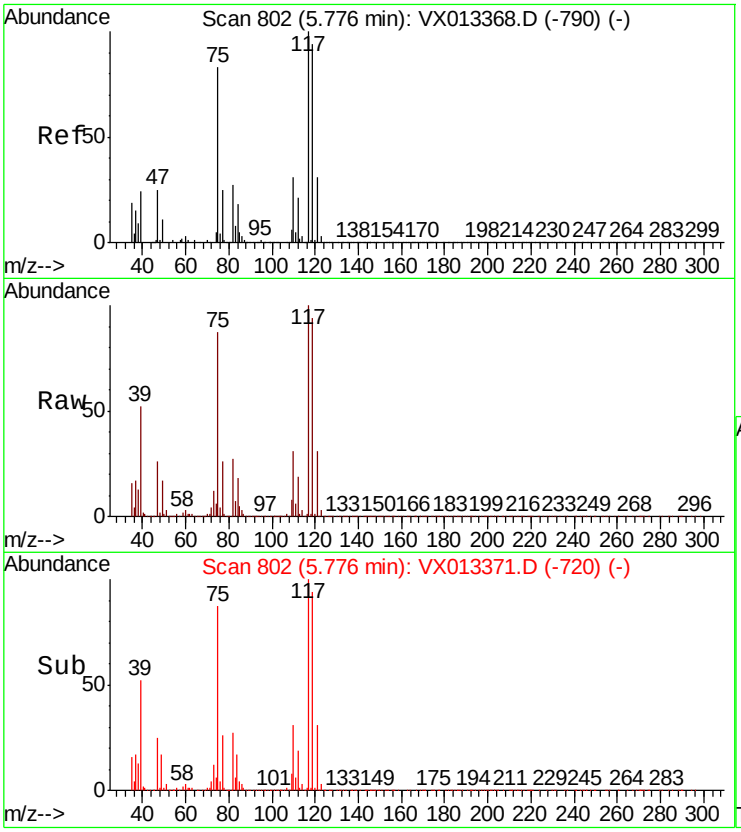




#32
1,1,1-Trichloroethane
Concen: 141.369 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 97 Resp: 1712121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.2 | 52.5 | 78.7 |
| 61 | 44.7 | 36.1 | 54.1 |



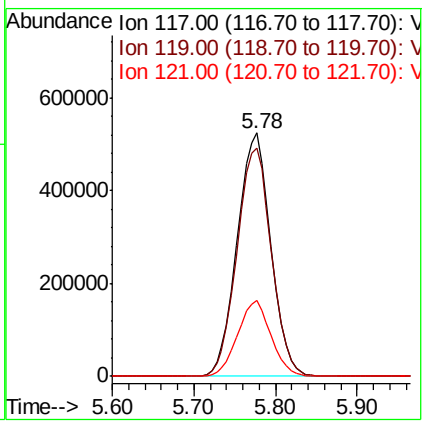


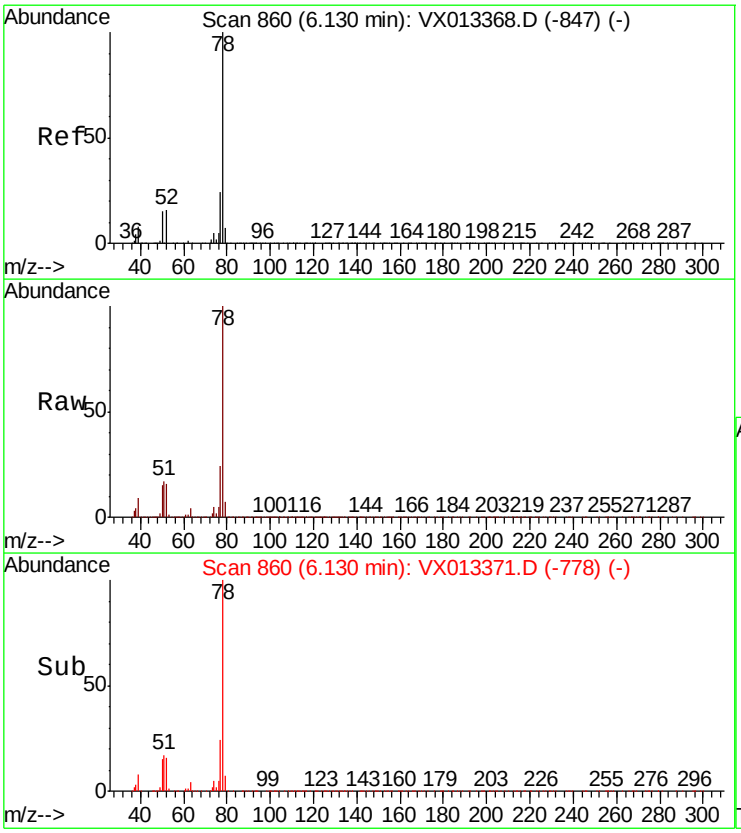

#33
Carbon Tetrachloride
Concen: 143.530 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion:117 Resp: 1500210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.7 | 75.0 | 112.6 |
| 121 | 31.1 | 24.9 | 37.3 |

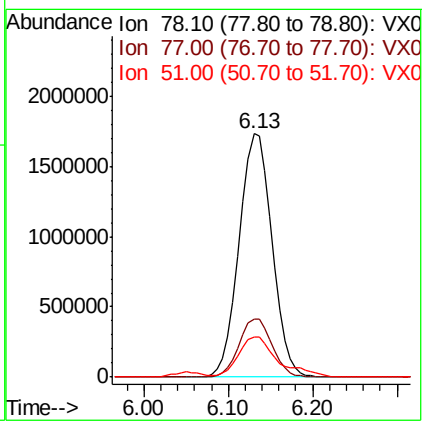


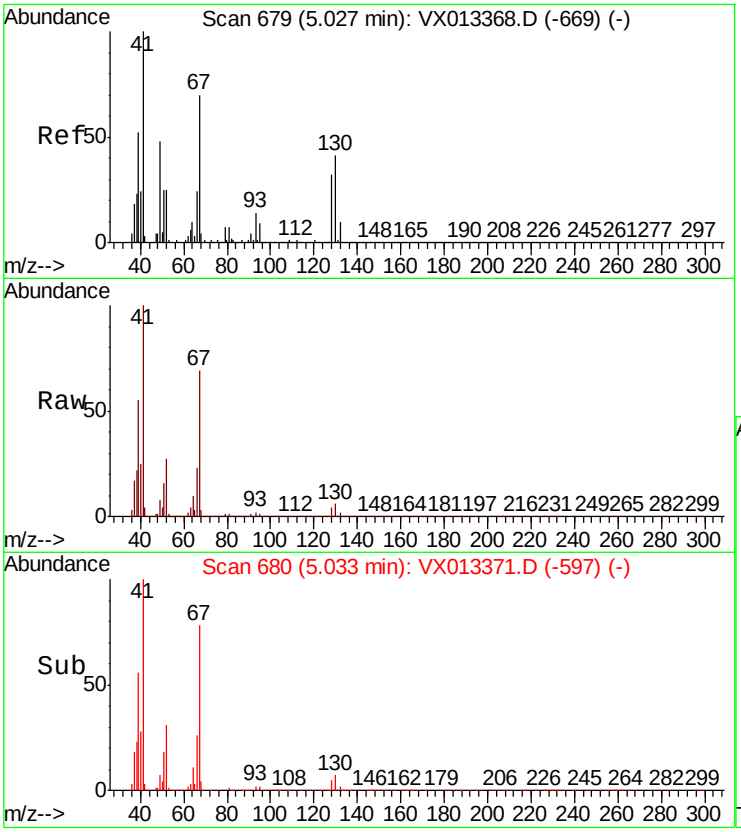




#34
Benzene
Concen: 155.359 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 78 Resp: 4580141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.0 | 19.3 | 28.9 |
| 51 | 16.4 | 12.2 | 18.4 |



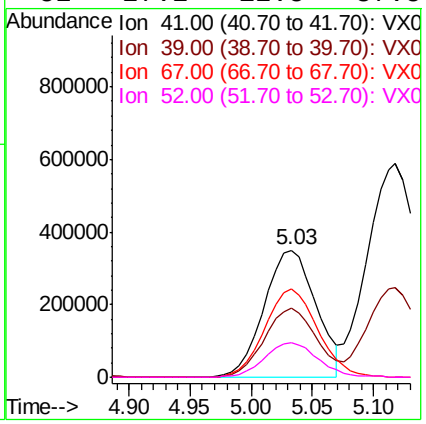


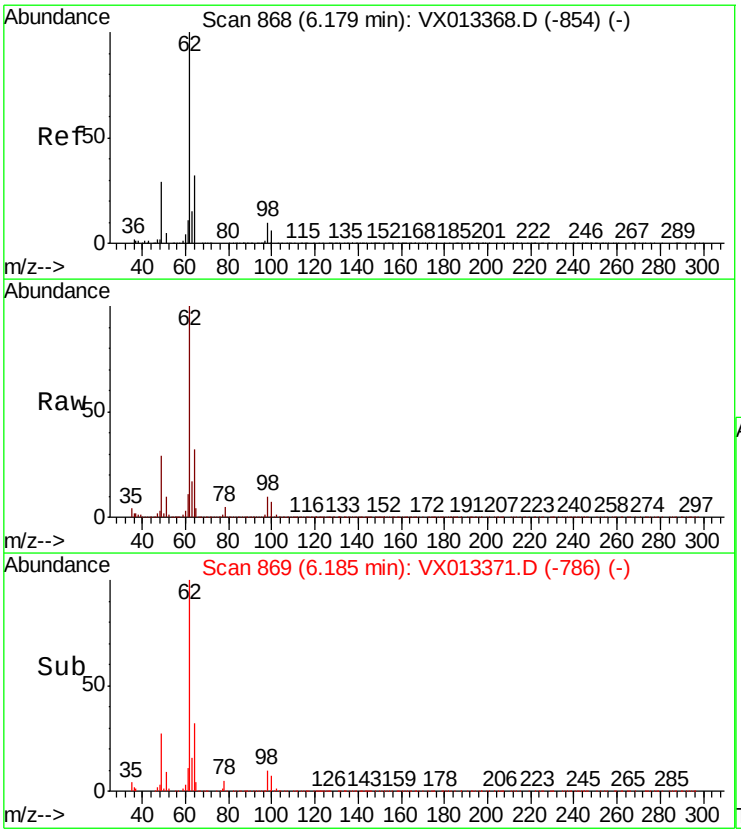

#35
Methacrylonitrile
Concen: 180.482 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 41 Resp: 1031571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 54.9 | 25.9 | 77.8 |
| 67 | 69.2 | 35.1 | 105.5 |
| 52 | 27.2 | 12.5 | 37.5 |

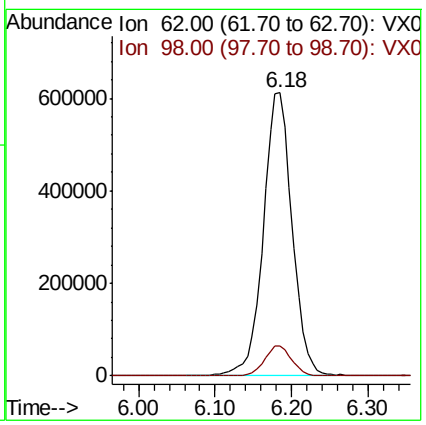


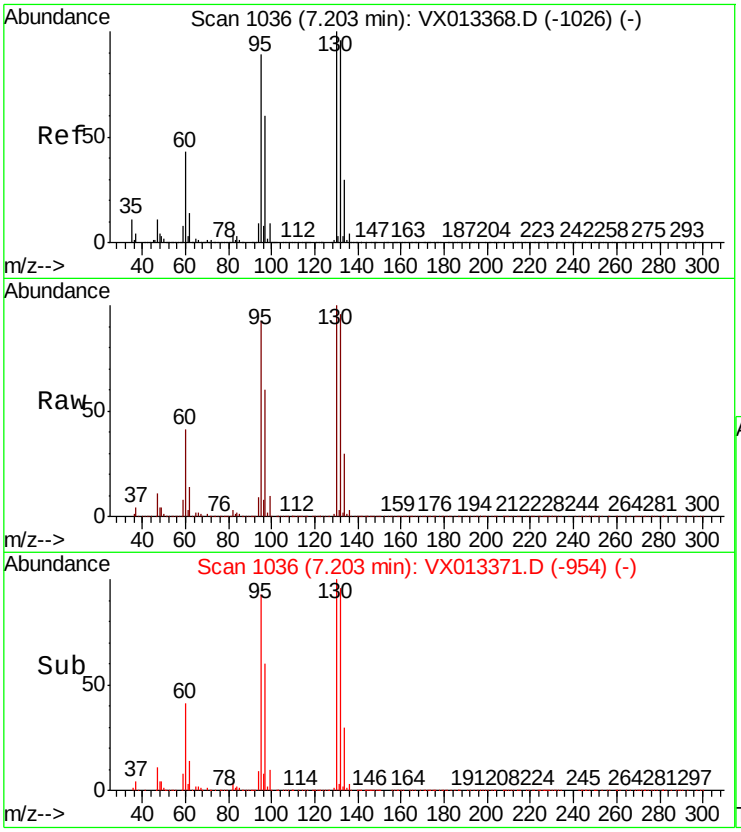




#36
1,2-Dichloroethane
Concen: 145.694 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 62 Resp: 1601010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.2 | 8.2 | 12.2 |



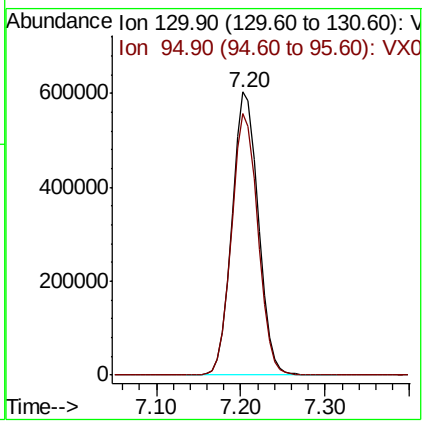


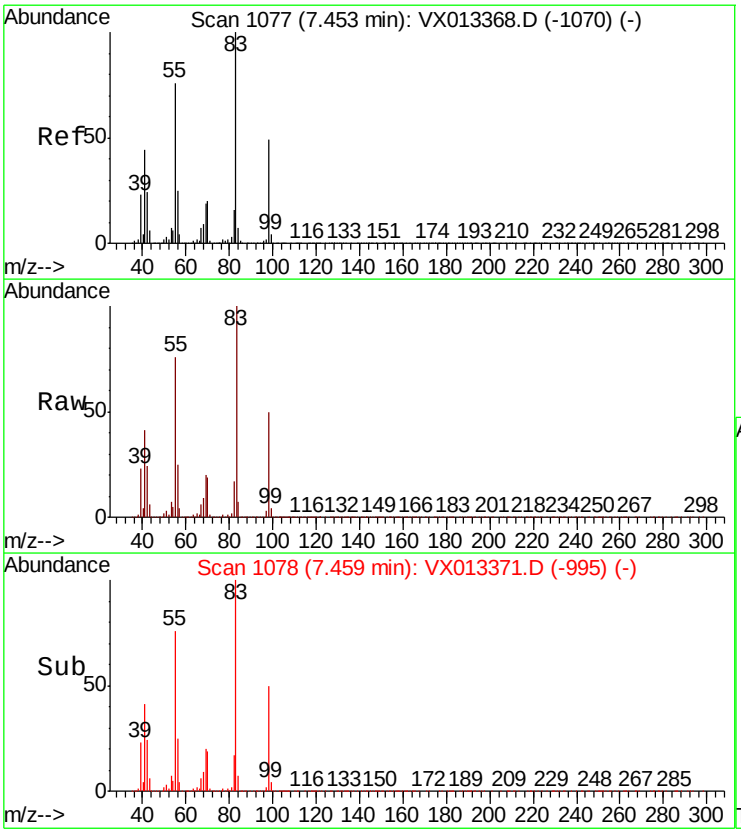

#37
Trichloroethene
Concen: 156.239 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion:130 Resp: 1267598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 92.6 | 71.3 | 106.9 |

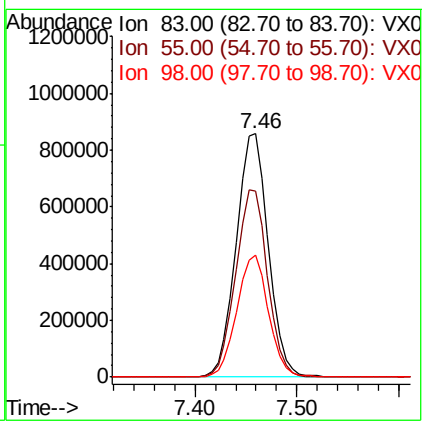


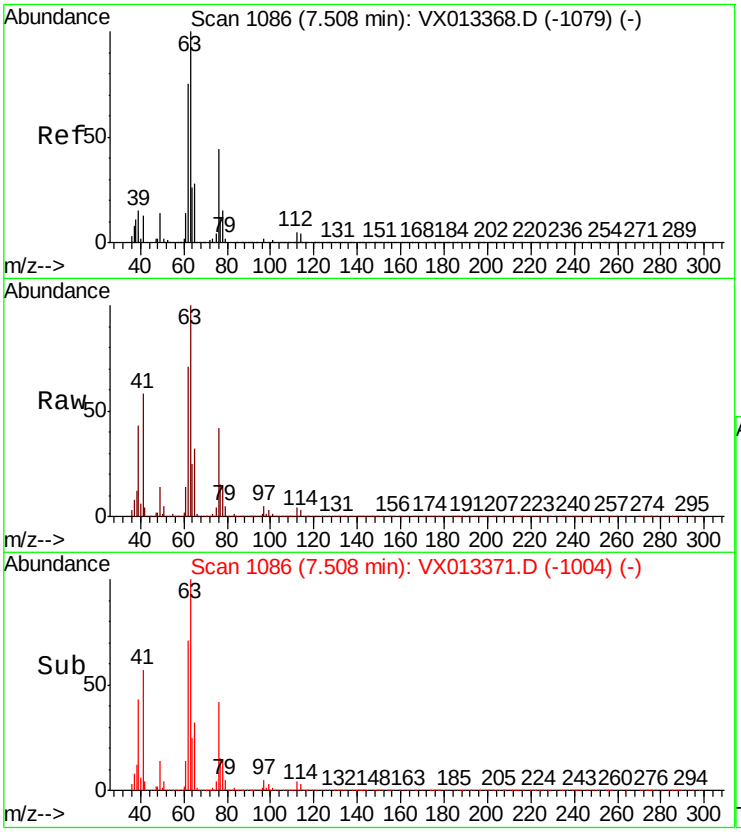




#38
Methylcyclohexane
Concen: 150.806 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 83 Resp: 1874857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 76.5 | 37.9 | 113.7 |
| 98 | 49.7 | 25.1 | 75.3 |



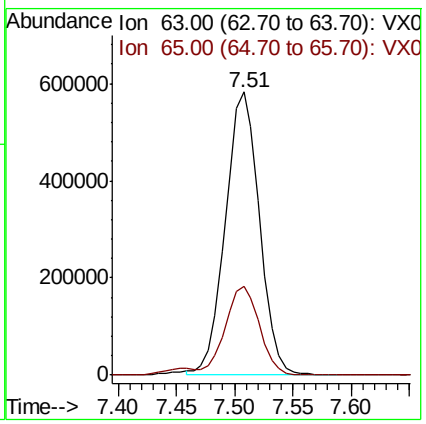


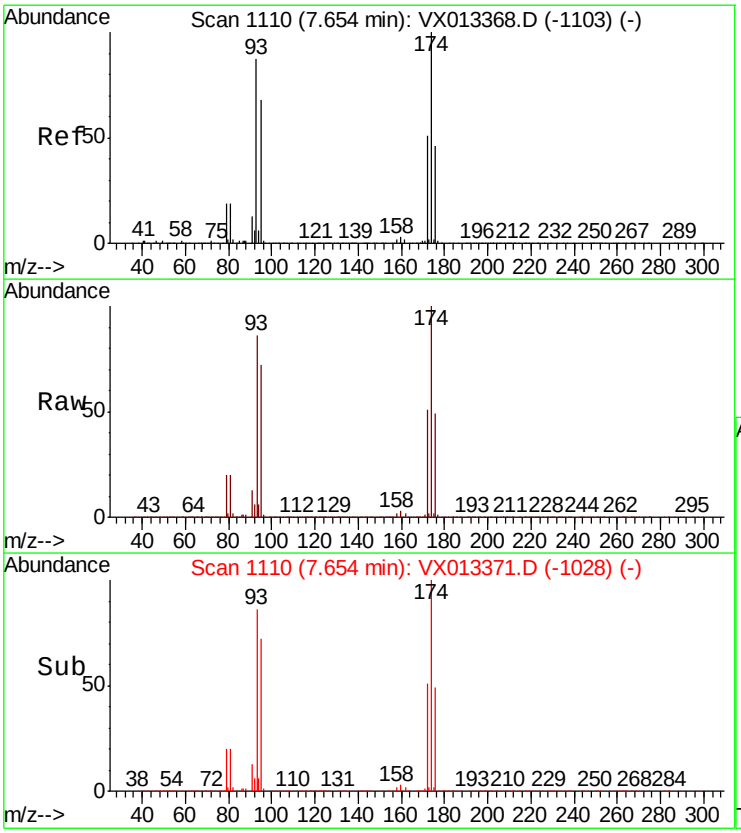

#39
1,2-Dichloropropane
Concen: 161.422 ug/l
RT: 7.51 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 63 Resp: 1178744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.5 | 23.8 | 35.8 |

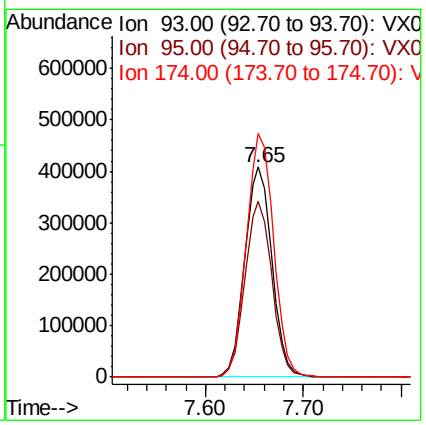


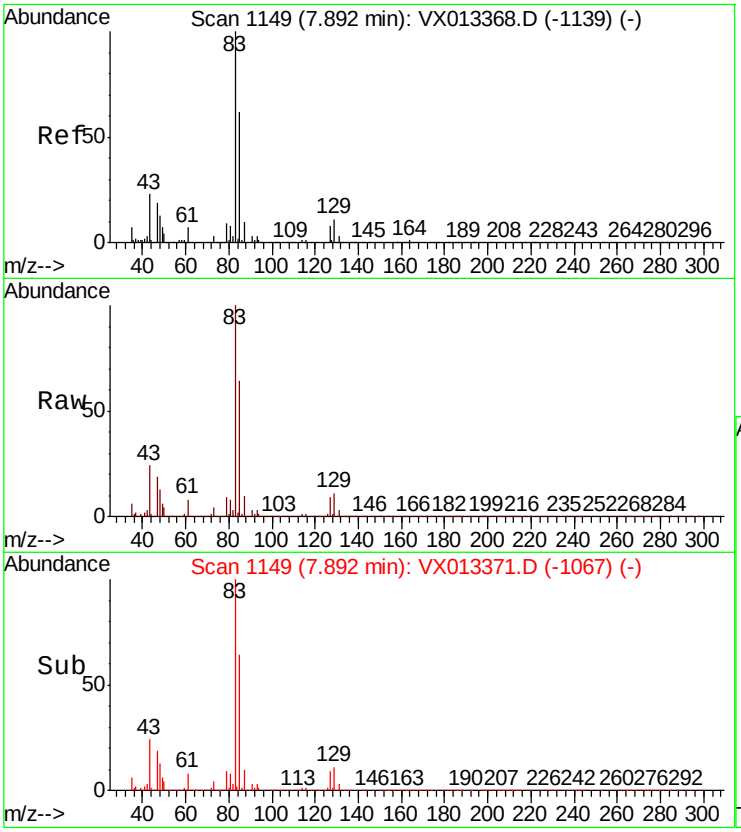




#40
Dibromomethane
Concen: 153.320 ug/l
RT: 7.65 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 93 Resp: 789135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.9 | 0.0 | 160.8 |
| 174 | 116.1 | 0.0 | 228.8 |



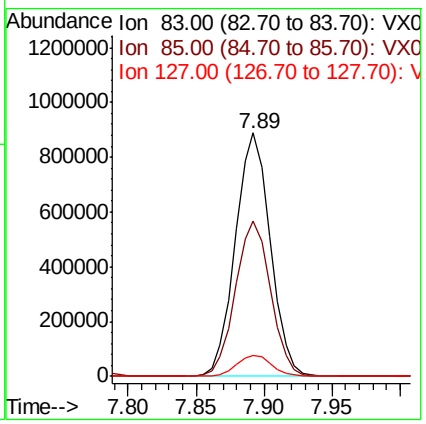


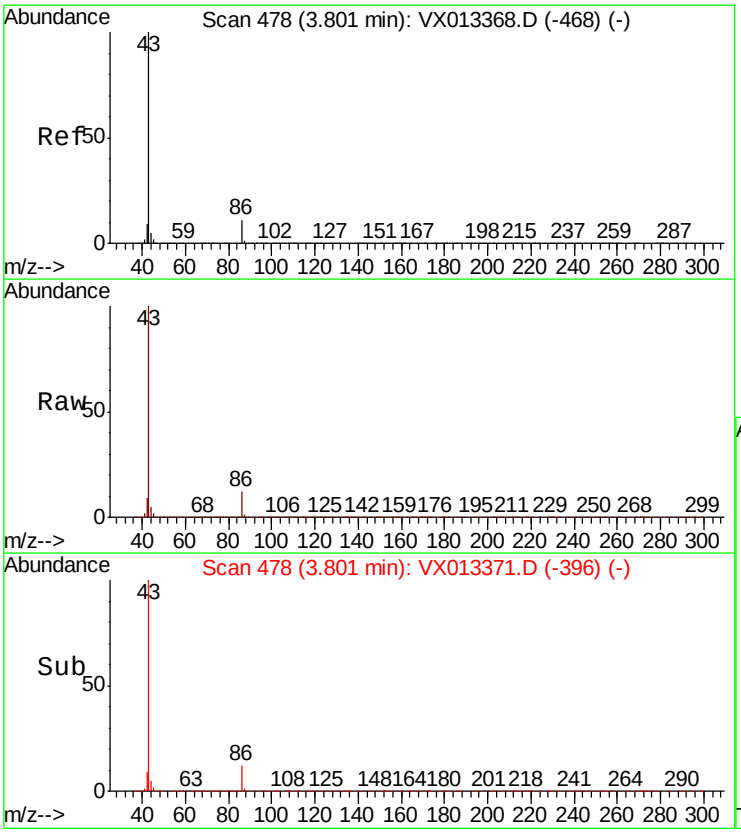

#41
Bromodichloromethane
Concen: 153.875 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 83 Resp: 1593370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.0 | 49.3 | 73.9 |
| 127 | 8.6 | 6.6 | 10.0 |

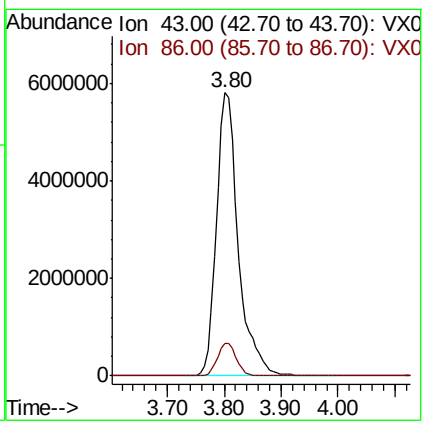


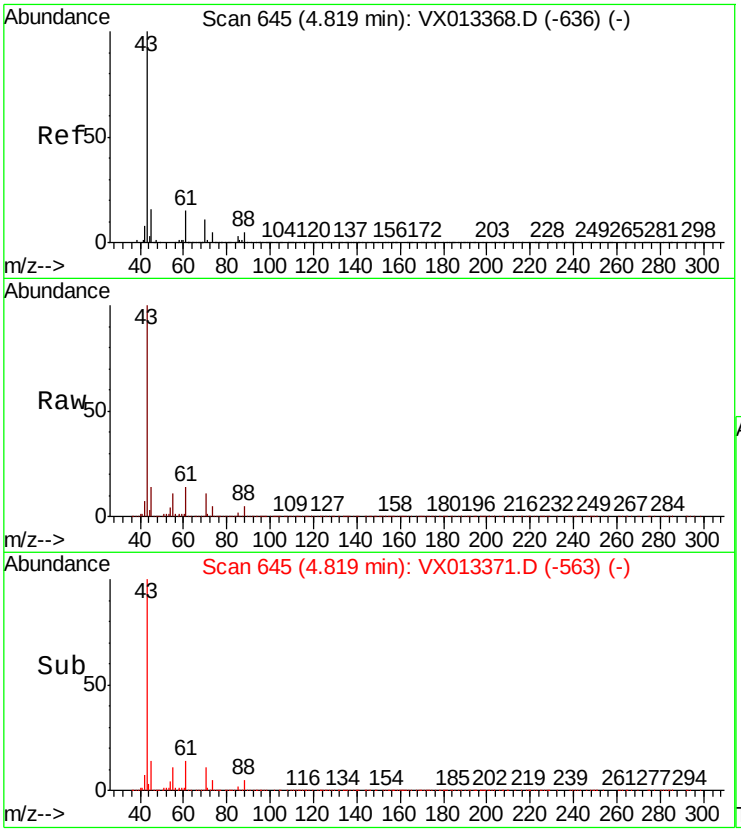




#42
Vinyl Acetate
Concen: 814.983 ug/l
RT: 3.80 min Scan# 478
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 43 Resp:15429228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.0 | 7.6 | 11.4 |



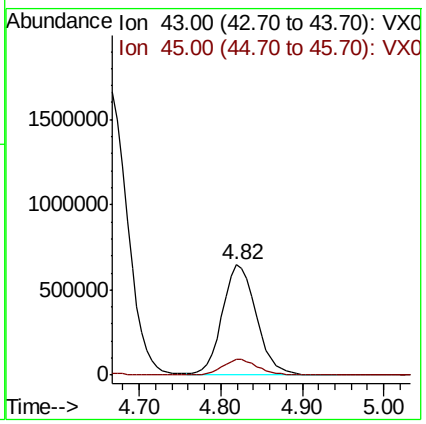


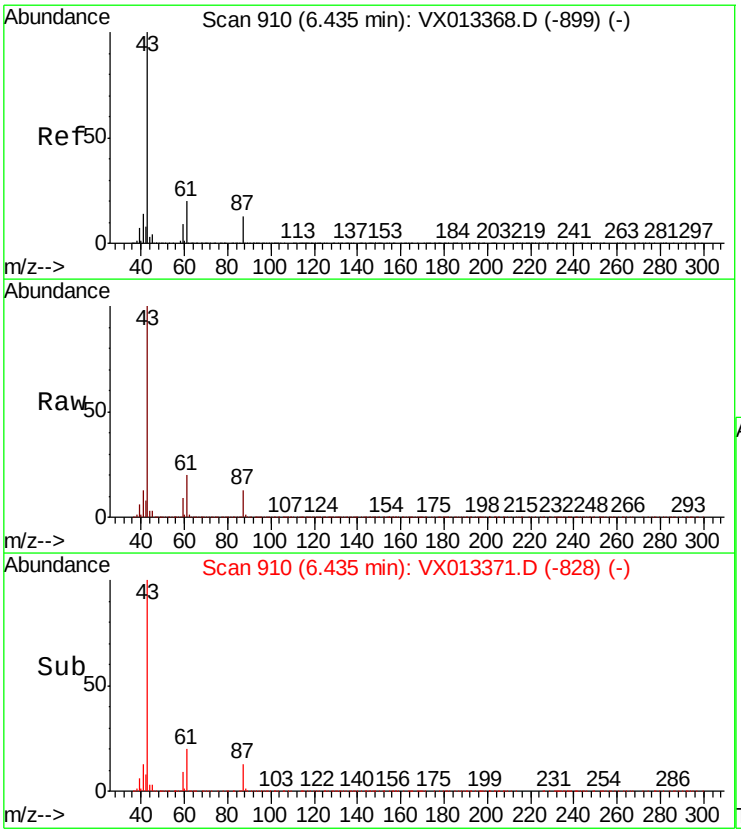

#43
Ethyl Acetate
Concen: 182.131 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 43 Resp: 1869431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 14.6 | 10.9 | 16.3 |

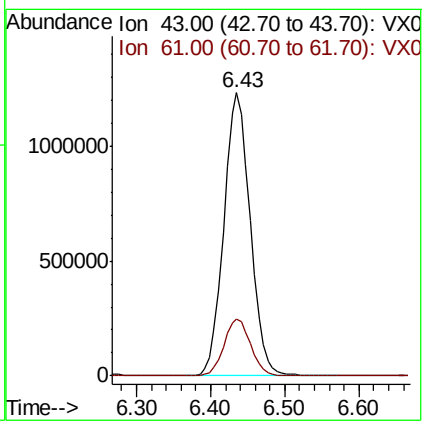


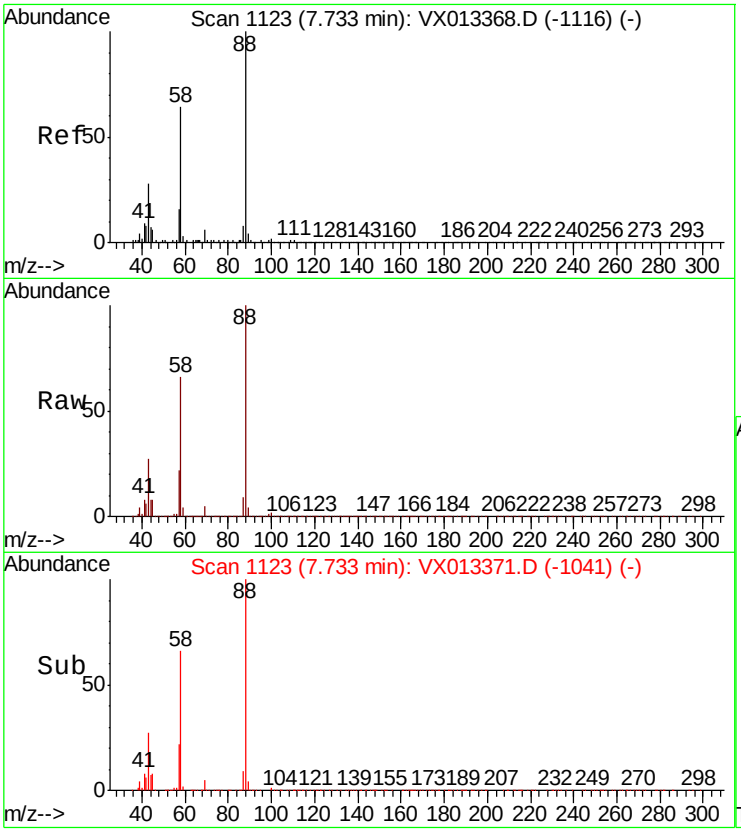




#44
Isopropyl Acetate
Concen: 180.528 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 43 Resp: 3044927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.4 | 15.8 | 23.8 |



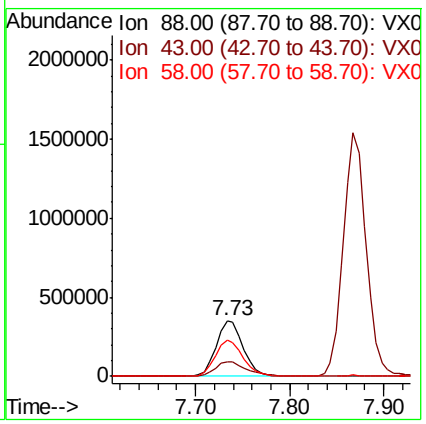


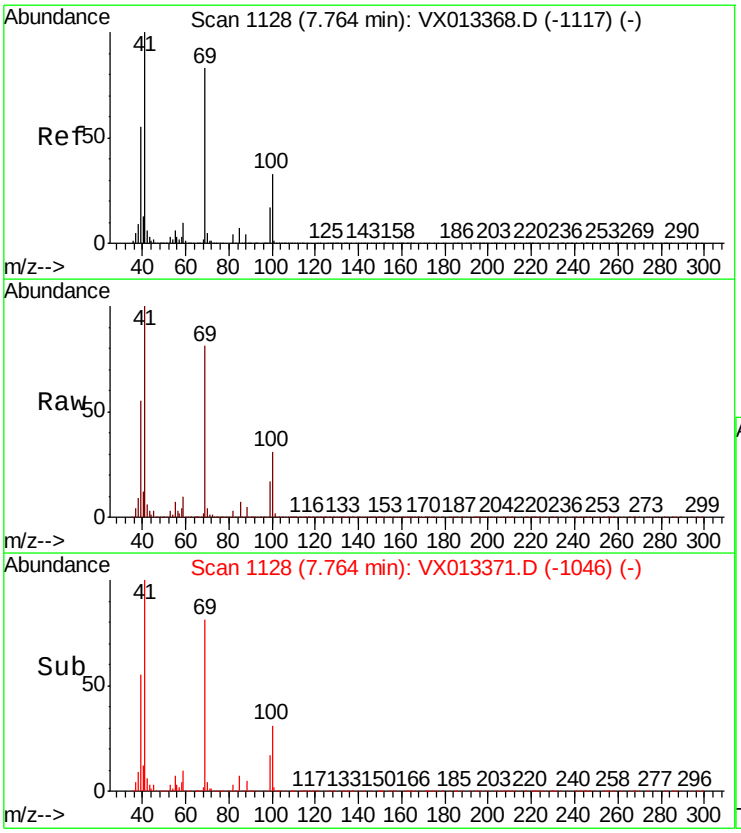

#45
1,4-Dioxane
Concen: 3313.096 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 88 Resp: 683360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 31.4 | 26.1 | 39.1 |
| 58 | 68.4 | 55.8 | 83.8 |

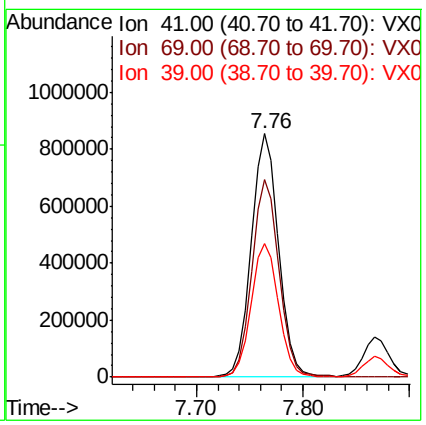


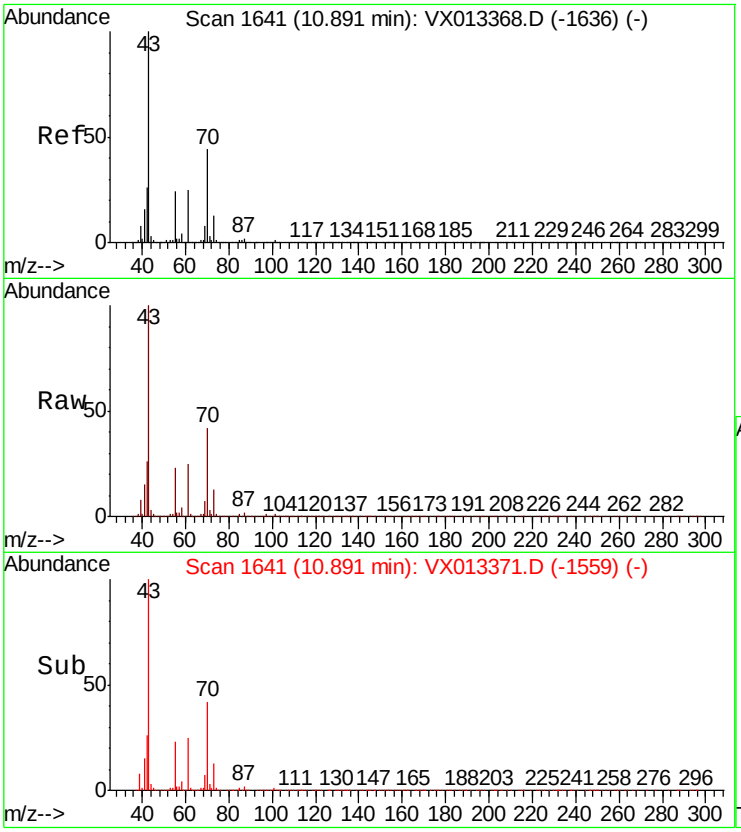




#46
Methyl methacrylate
Concen: 184.928 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 41 Resp: 1535472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 81.4 | 41.4 | 124.4 |
| 39 | 54.9 | 27.9 | 83.6 |



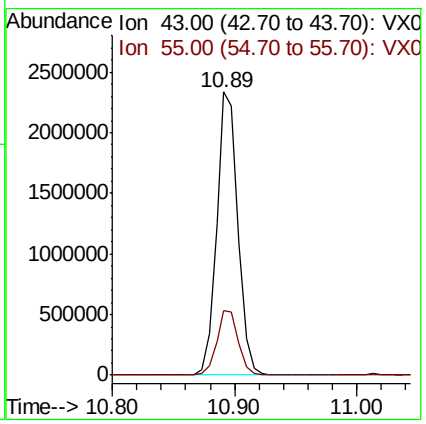


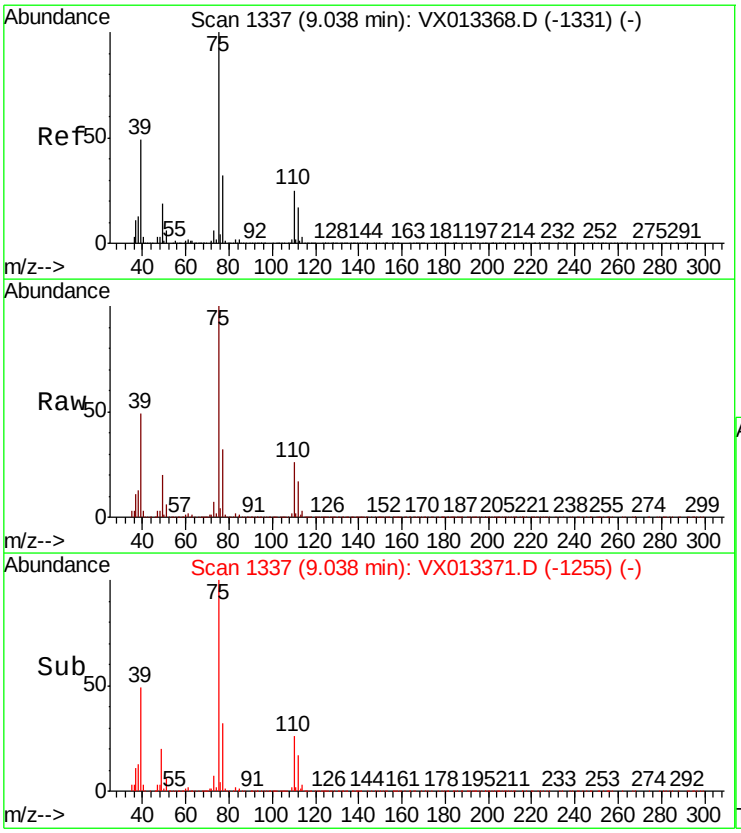

#47
n-amyl Acetate
Concen: 194.773 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 43 Resp: 2809568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 55 | 23.2 | 19.0 | 28.4 |

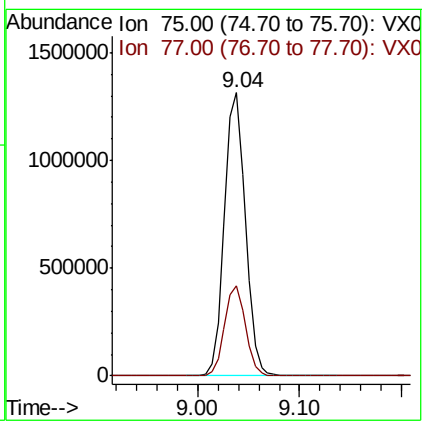


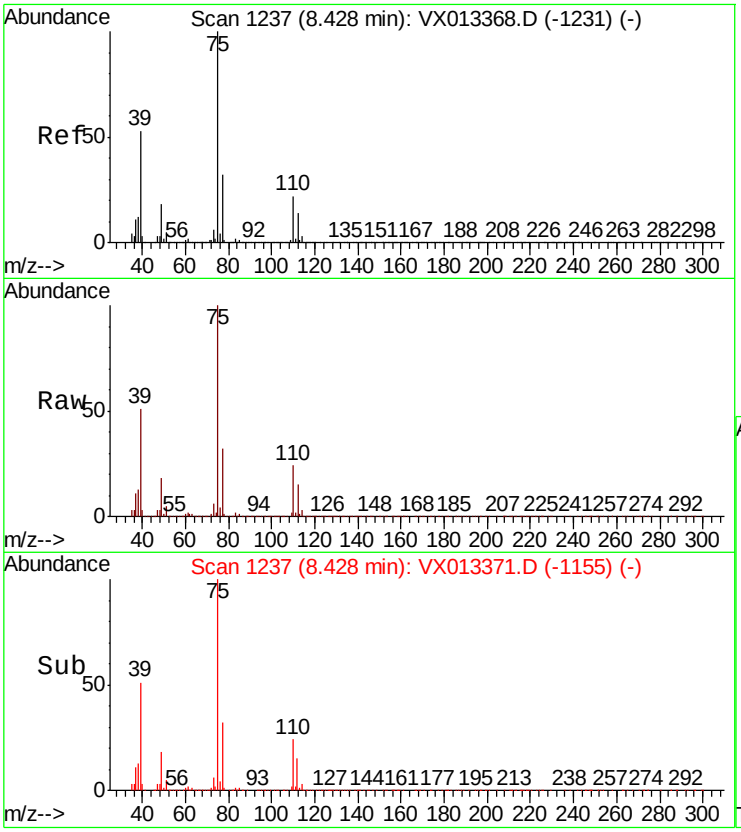




#48
t-1,3-Dichloropropene
Concen: 164.181 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 75 Resp: 1867518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 25.3 | 37.9 |



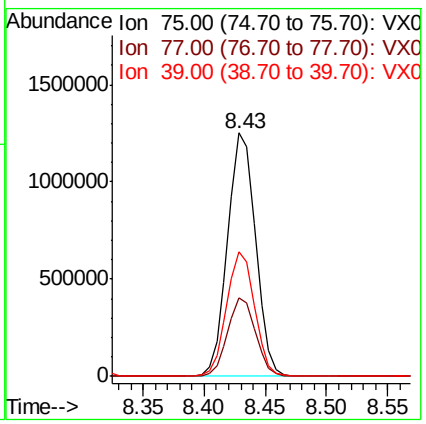


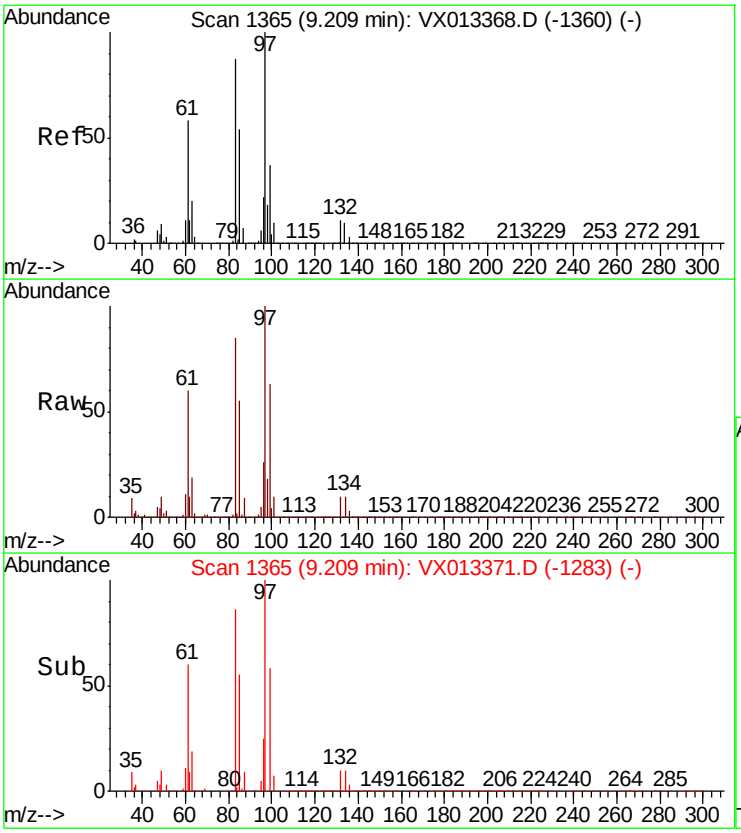

#49
cis-1,3-Dichloropropene
Concen: 159.513 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 75 Resp: 1978417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.2 | 25.8 | 38.8 |
| 39 | 51.2 | 42.2 | 63.4 |

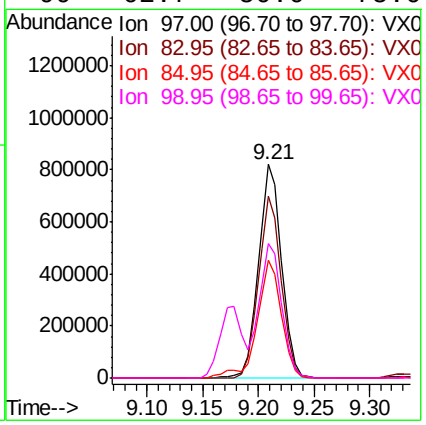


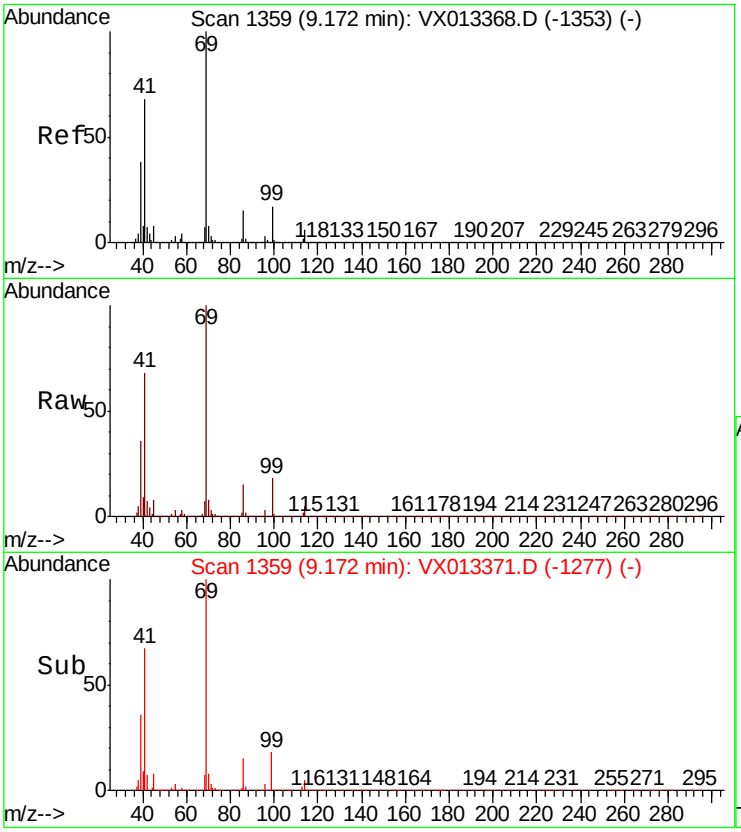




#50
1,1,2-Trichloroethane
Concen: 155.719 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 97 Resp: 1187898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.3 | 69.6 | 104.4 |
| 85 | 55.1 | 45.5 | 68.3 |
| 99 | 62.7 | 50.0 | 75.0 |



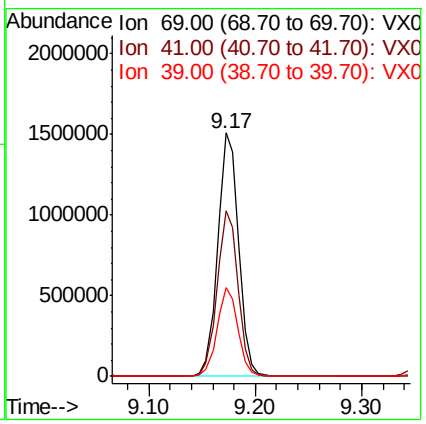


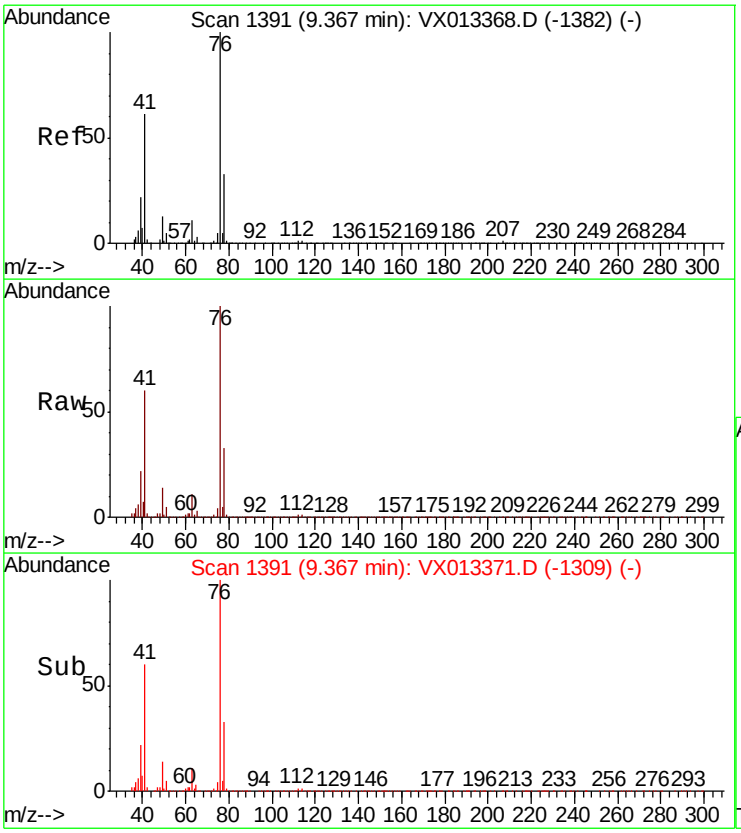

#51
Ethyl methacrylate
Concen: 171.102 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 69 Resp: 2056783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 68.0 | 33.9 | 101.6 |
| 39 | 36.2 | 18.8 | 56.4 |

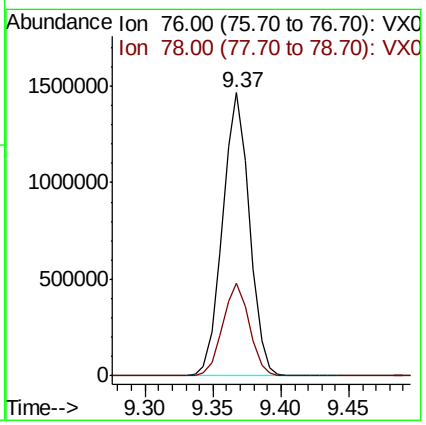


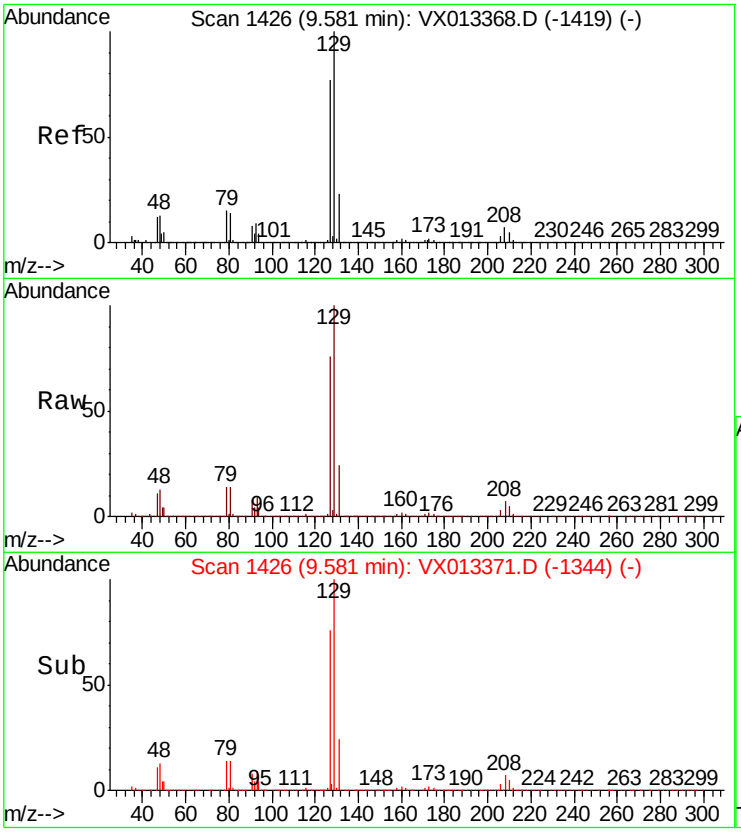




#52
1,3-Dichloropropane
Concen: 155.863 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 76 Resp: 2005442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.4 | 0.0 | 63.6 |



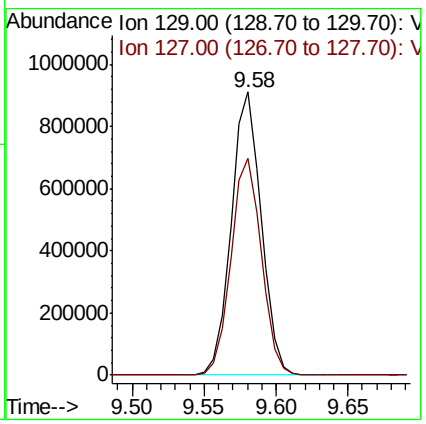


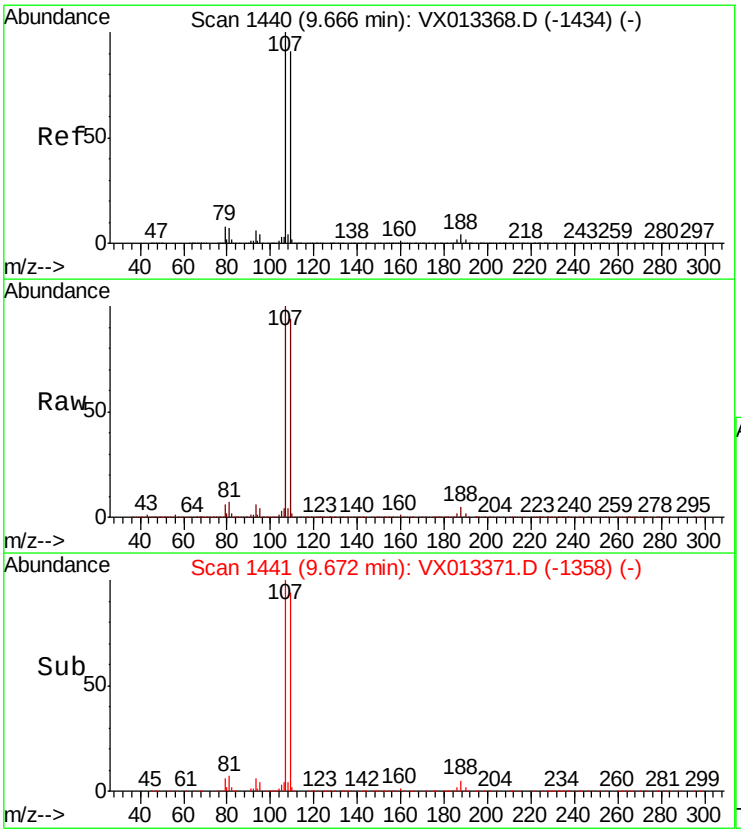

#53
Dibromochloromethane
Concen: 161.145 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion:129 Resp: 1320229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.7 | 39.6 | 119.0 |

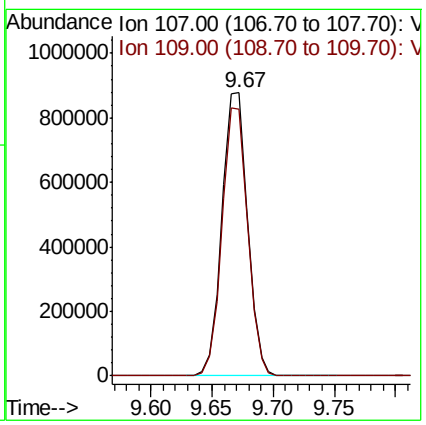


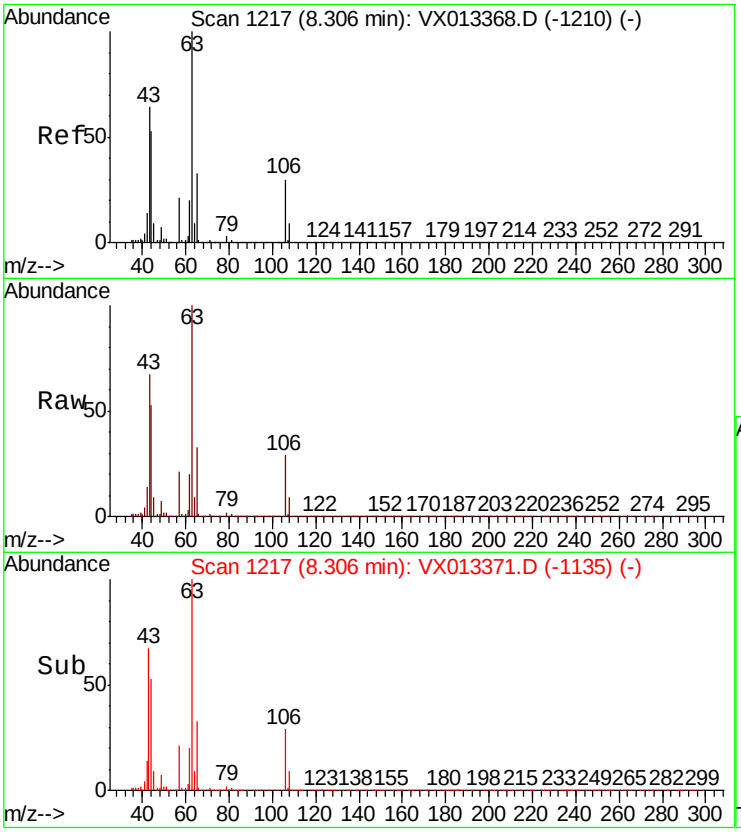




#54
1,2-Dibromoethane
Concen: 156.330 ug/l
RT: 9.67 min Scan# 1441
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion:107 Resp: 1272743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.4 | 73.9 | 110.9 |



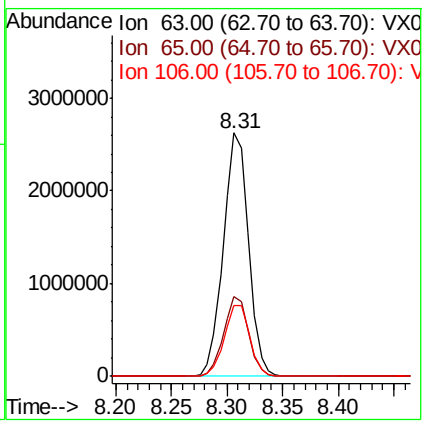


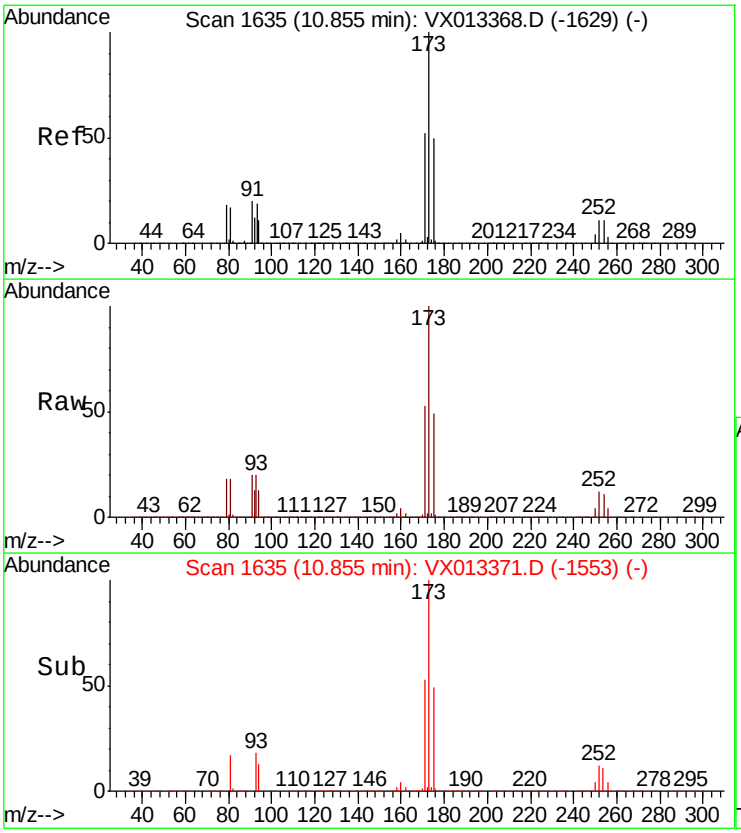

#55
2-Chloroethyl vinyl ether
Concen: 824.727 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 63 Resp: 4106315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.5 | 26.0 | 39.0 |
| 106 | 29.8 | 23.5 | 35.3 |

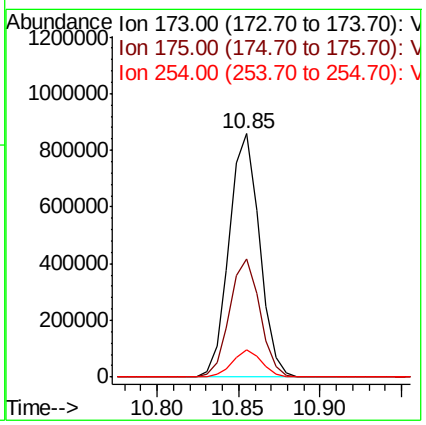


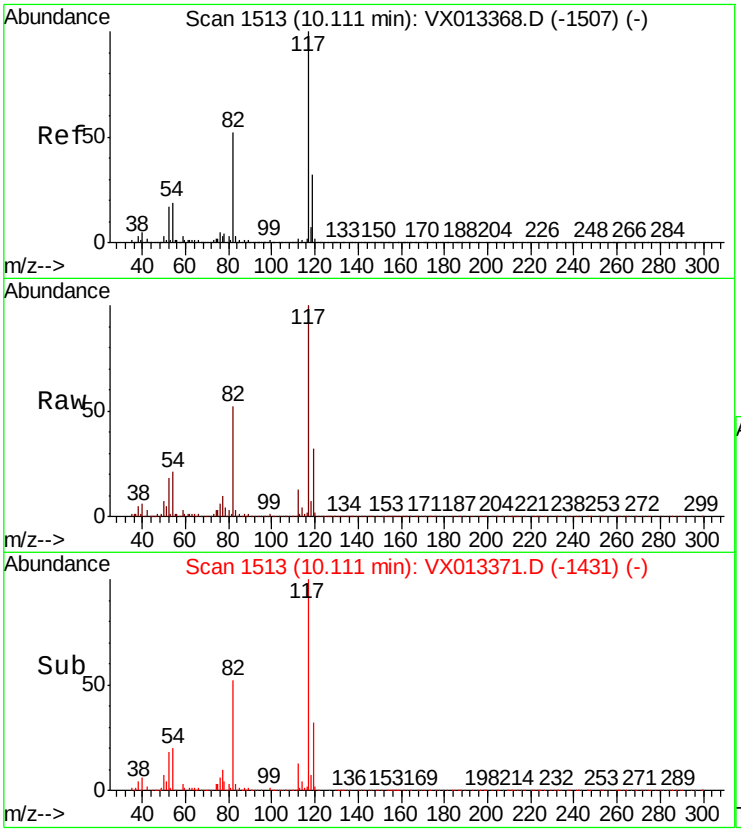




#56
Bromoform
Concen: 188.035 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion:173 Resp: 1117101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.6 | 39.4 | 59.0 |
| 254 | 11.0 | 8.6 | 12.8 |



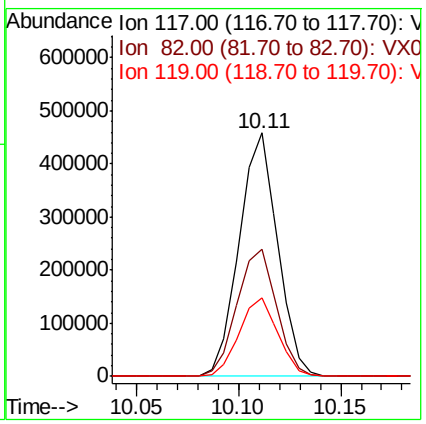


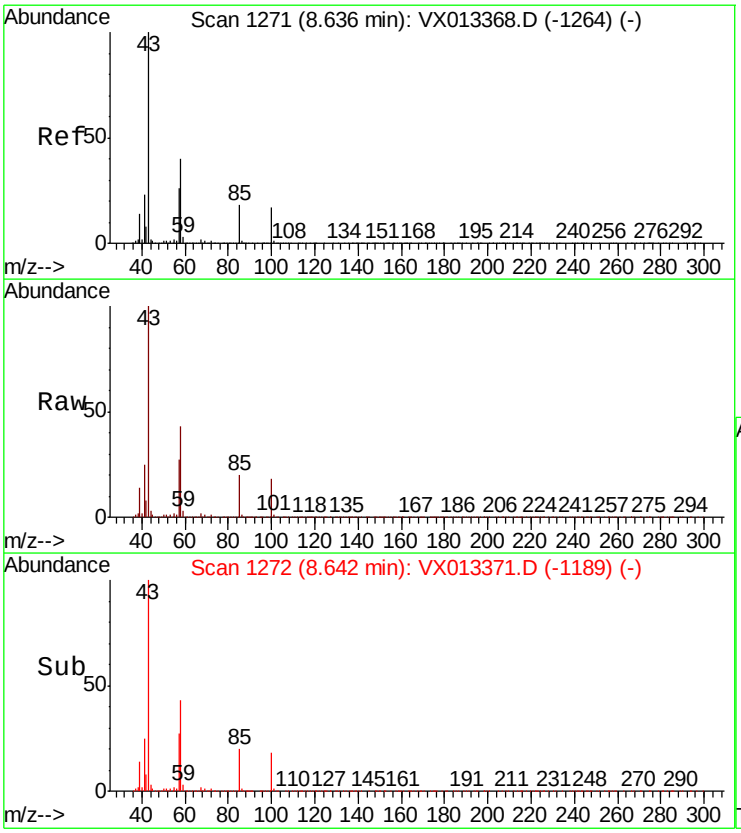

#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion:117 Resp: 599927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.9 | 43.7 | 65.5 |
| 119 | 32.4 | 25.5 | 38.3 |

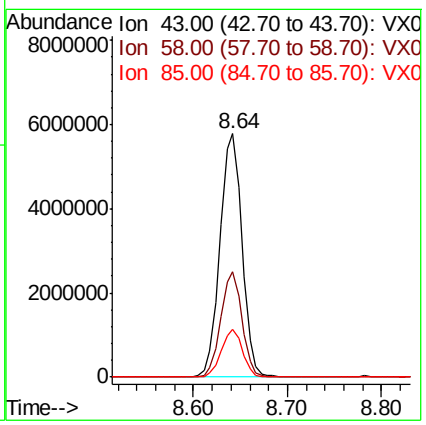


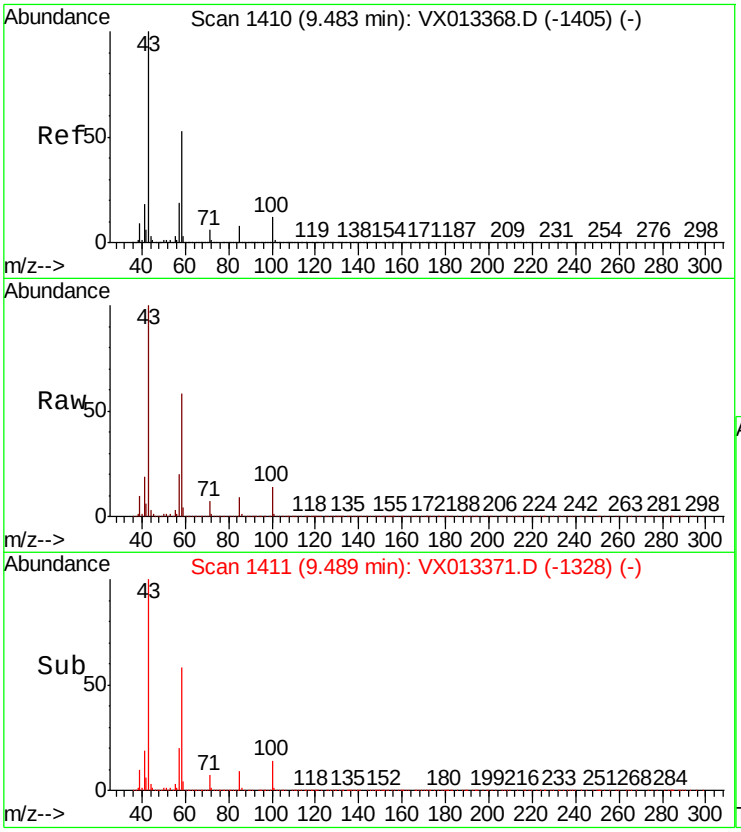




#58
4-Methyl-2-Pentanone
Concen: 895.658 ug/l
RT: 8.64 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 43 Resp: 9369094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 41.5 | 31.6 | 47.4 |
| 85 | 18.8 | 14.2 | 21.2 |



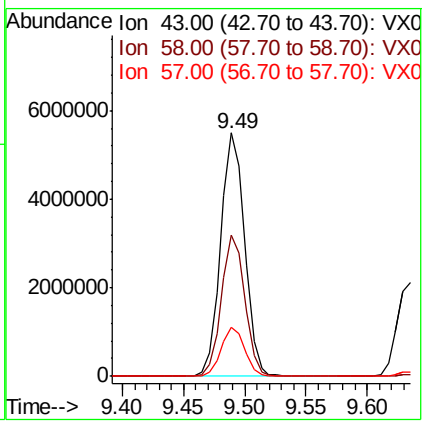


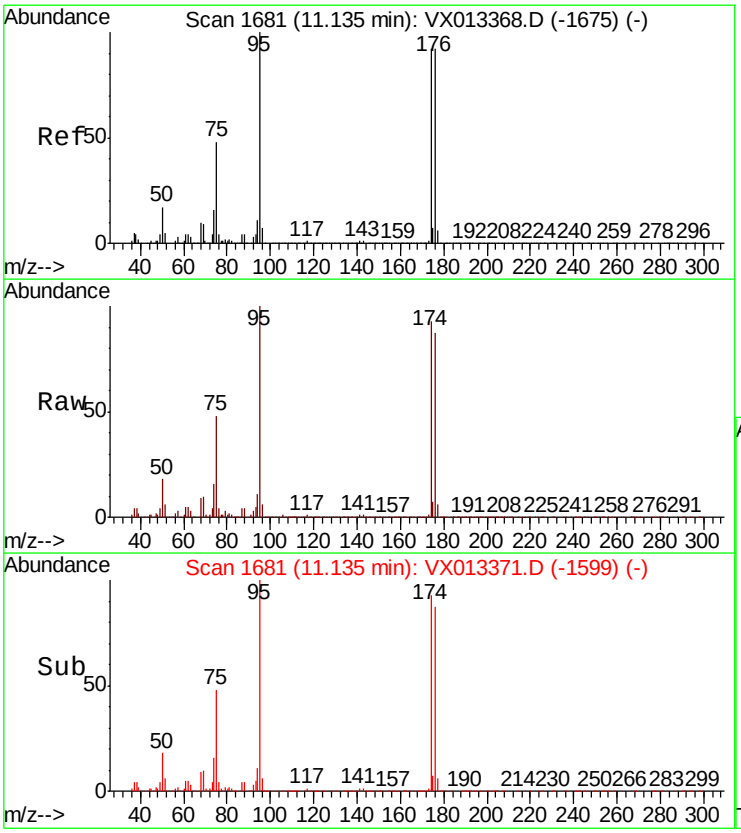

#59
2-Hexanone
Concen: 908.574 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 43 Resp: 7486825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 56.8 | 43.8 | 65.6 |
| 57 | 19.9 | 15.1 | 22.7 |

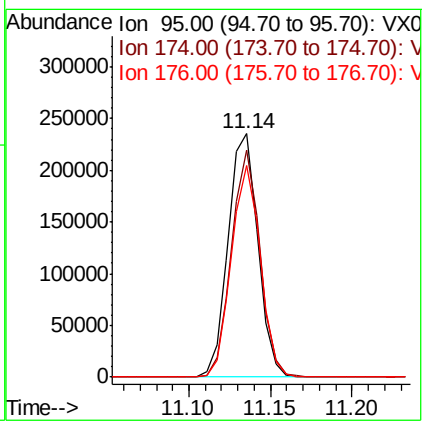


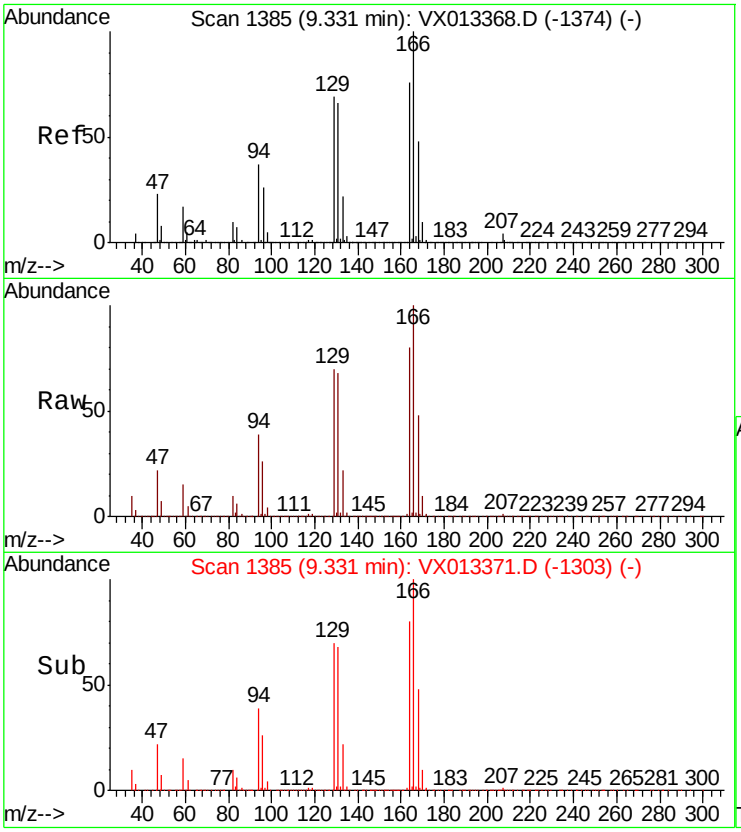




#60
4-Bromofluorobenzene
Concen: 29.121 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 95 Resp: 298843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 88.6 | 70.2 | 105.2 |
| 176 | 84.6 | 68.3 | 102.5 |



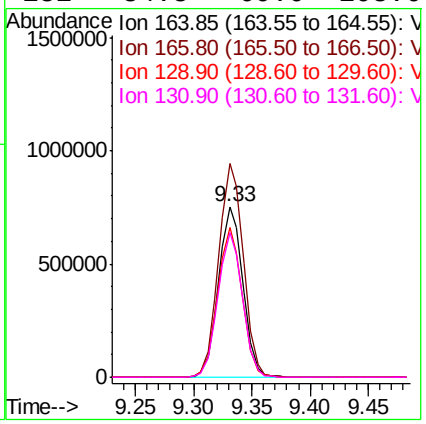


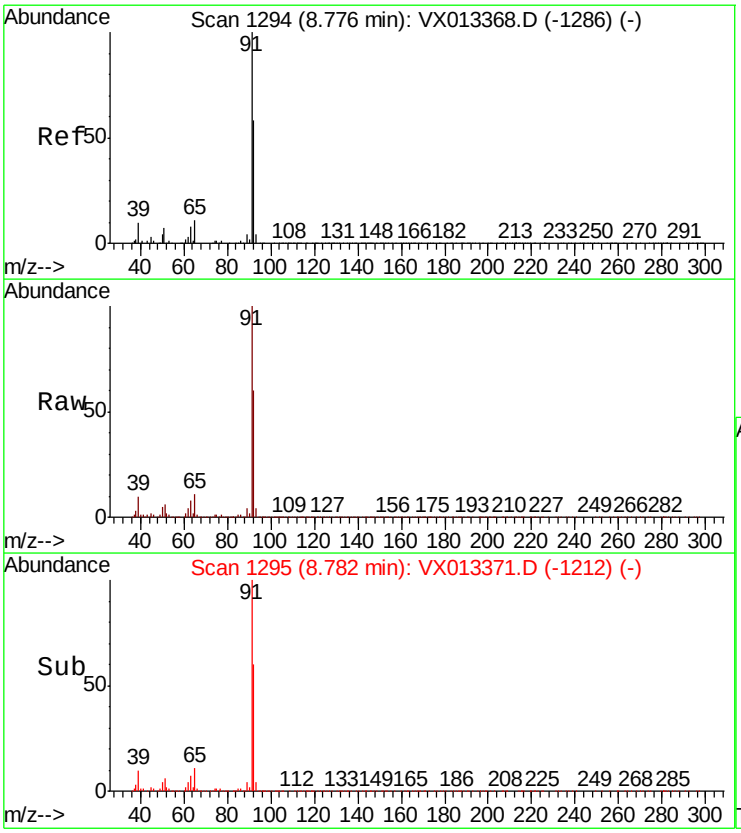

#61
Tetrachloroethene
Concen: 141.241 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion:164 Resp: 1084789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 125.4 | 104.9 | 157.3 |
| 129 | 88.1 | 72.3 | 108.5 |
| 131 | 84.8 | 69.0 | 103.6 |

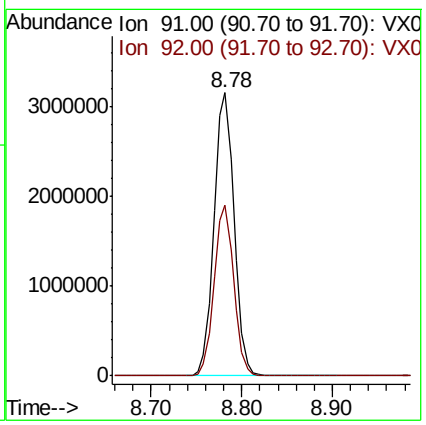


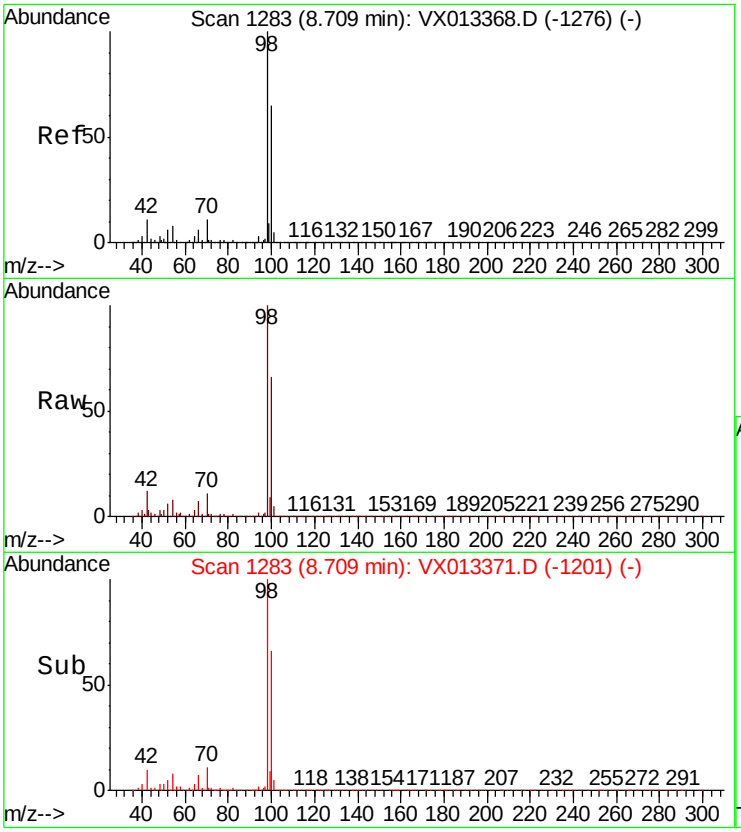




#62
Toluene
Concen: 151.461 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 91 Resp: 4900301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 59.1 | 46.6 | 69.8 |



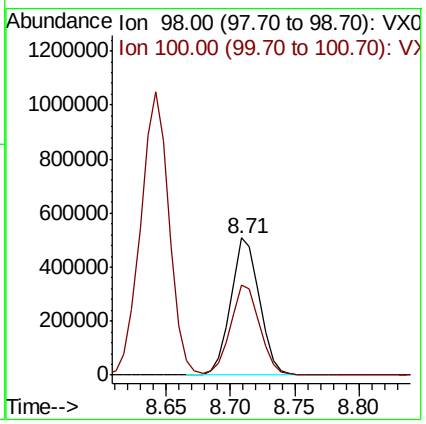


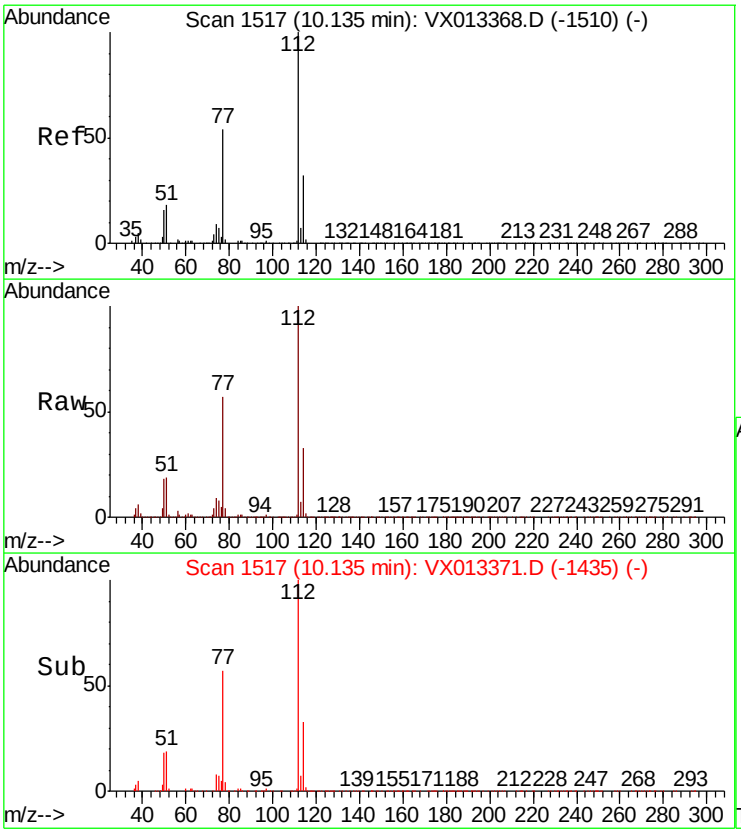

#63
Toluene-d8
Concen: 29.628 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 98 Resp: 790602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.7 | 52.5 | 78.7 |

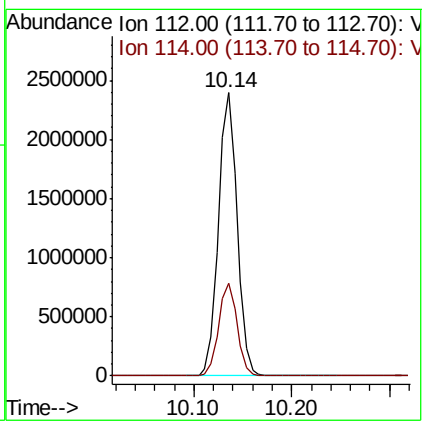


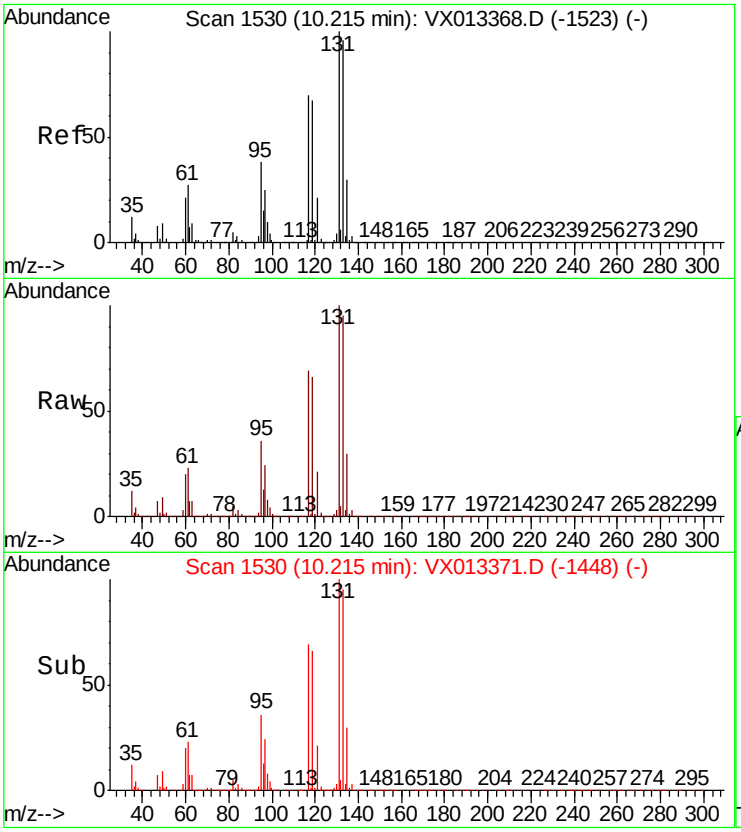




#64
Chlorobenzene
Concen: 154.216 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion:112 Resp: 3175827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.6 | 25.7 | 38.5 |



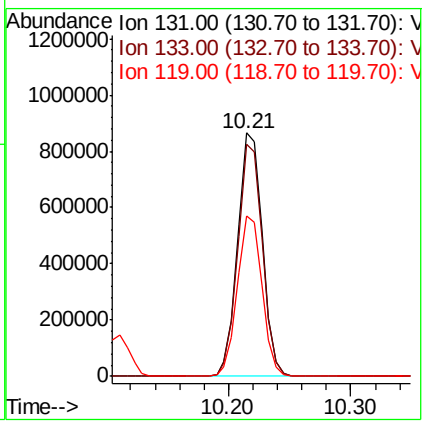


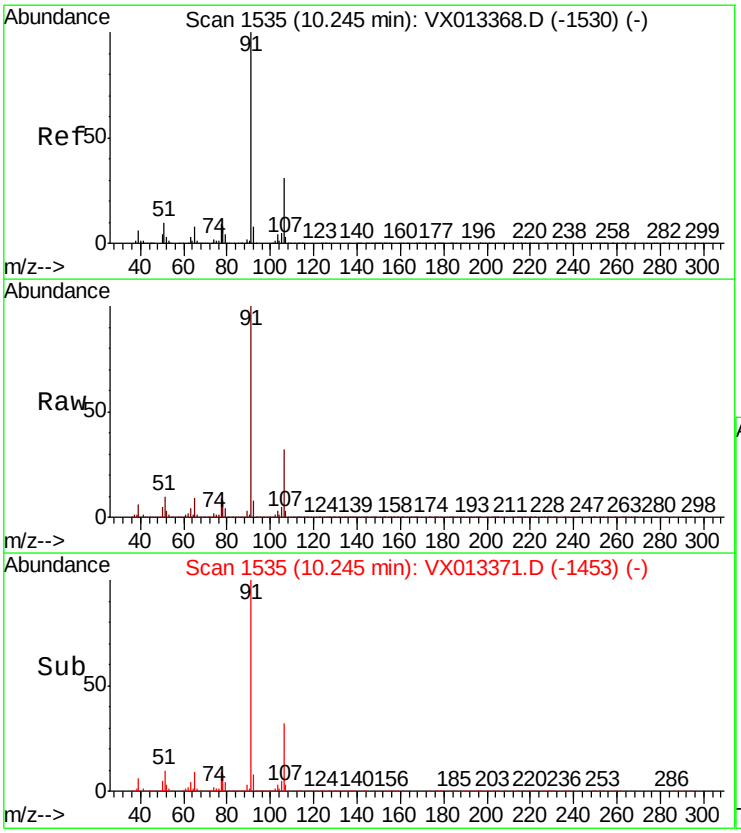

#65
1,1,1,2-Tetrachloroethane
Concen: 156.603 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion:131 Resp: 1203872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.2 | 0.0 | 192.2 |
| 119 | 65.7 | 0.0 | 134.4 |

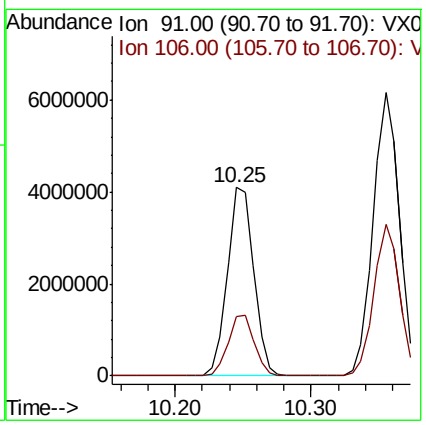


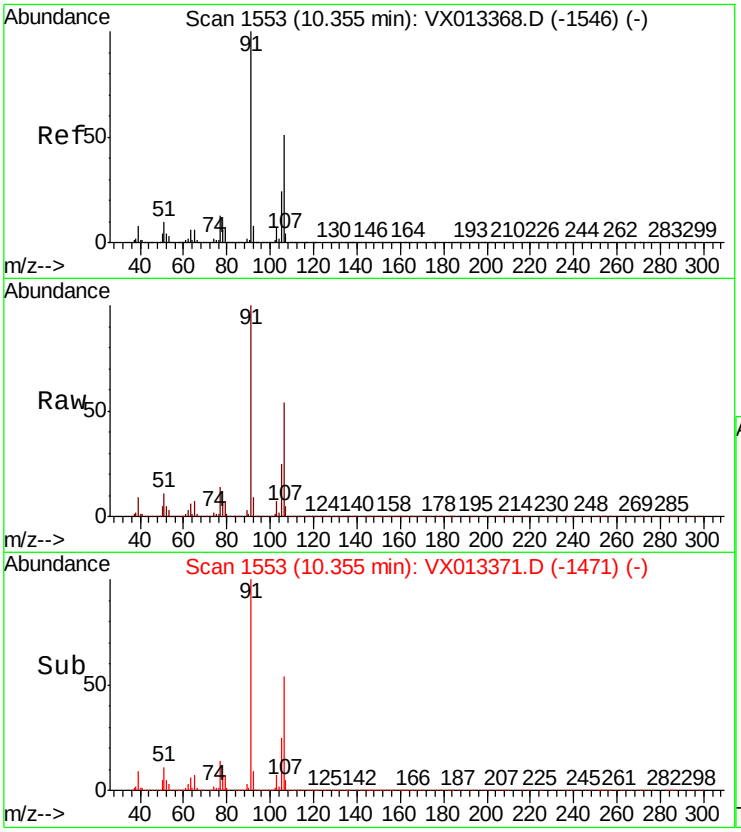




#66
Ethyl Benzene
Concen: 149.136 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 91 Resp: 5505300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.7 | 25.0 | 37.4 |



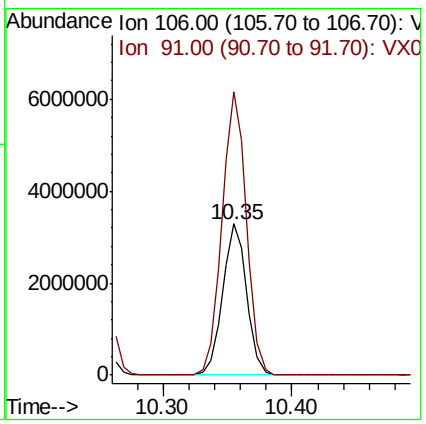


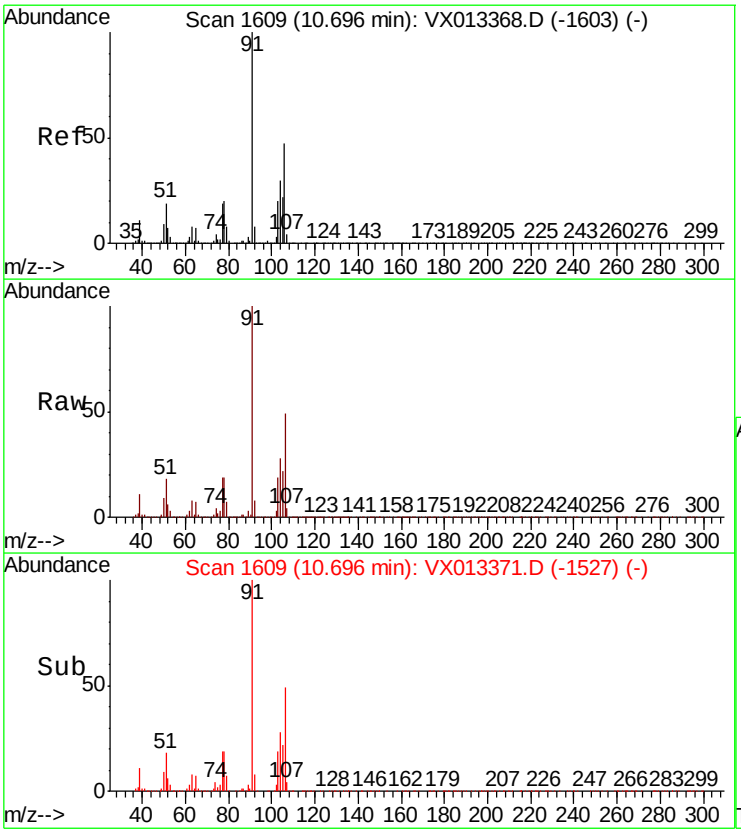

#67
m/p-Xylenes
Concen: 306.474 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion:106 Resp: 4294803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 190.5 | 158.4 | 237.6 |

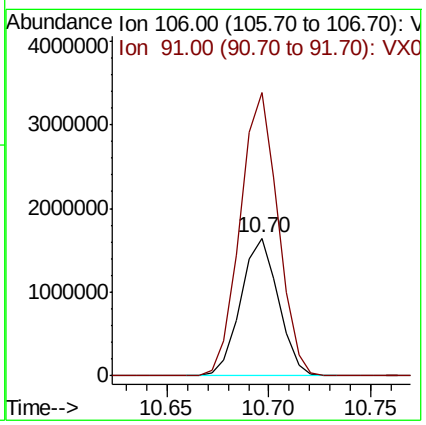


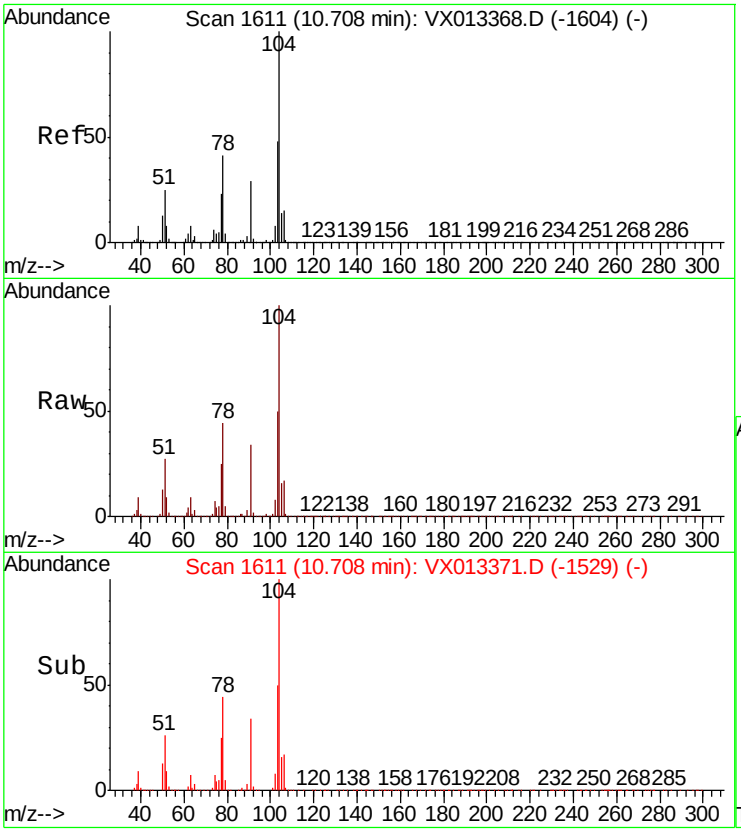




#68
o-Xylene
Concen: 155.929 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion:106 Resp: 2101237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 207.0 | 106.4 | 319.2 |



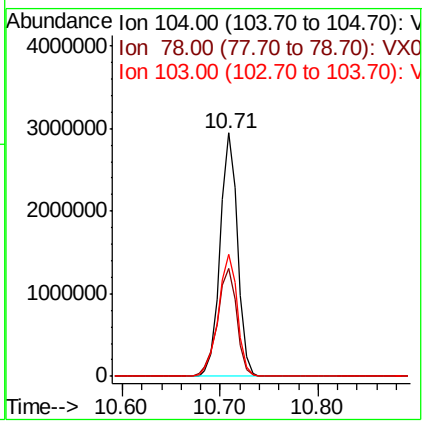


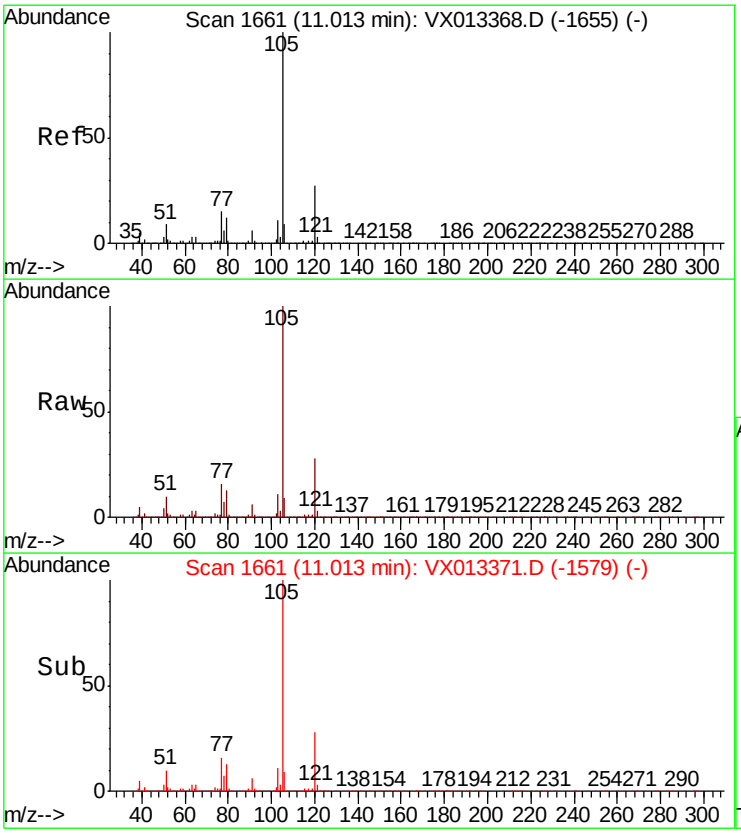

#69
Stvrene
Concen: 157.918 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion:104 Resp: 3641412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 49.1 | 38.2 | 57.4 |
| 103 | 54.9 | 43.2 | 64.8 |

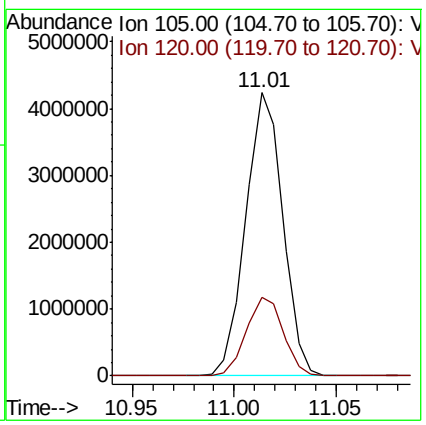


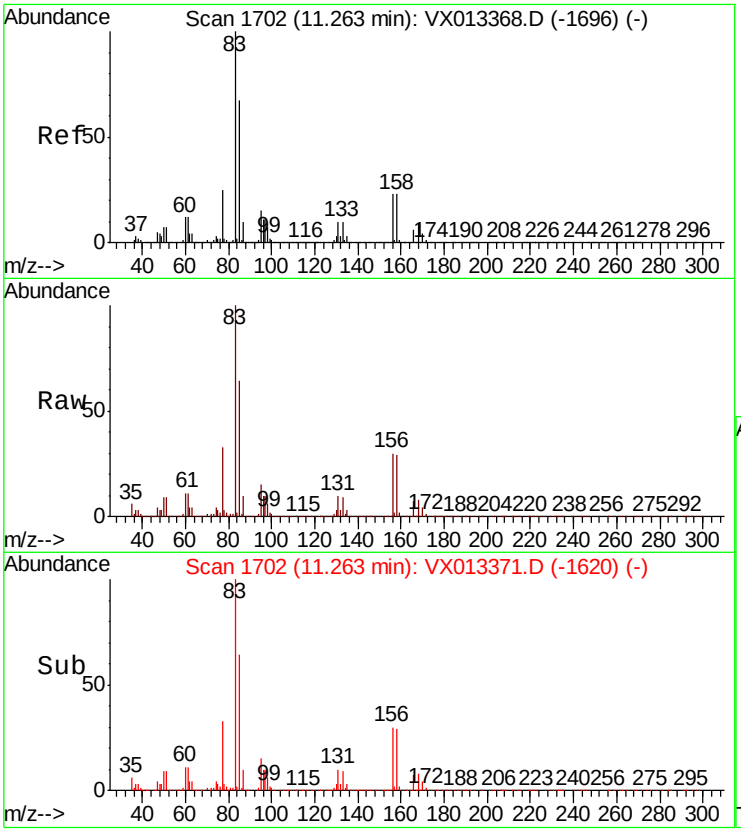




#70
Isopropylbenzene
Concen: 146.427 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion:105 Resp: 5360337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.9 | 18.8 | 34.8 |



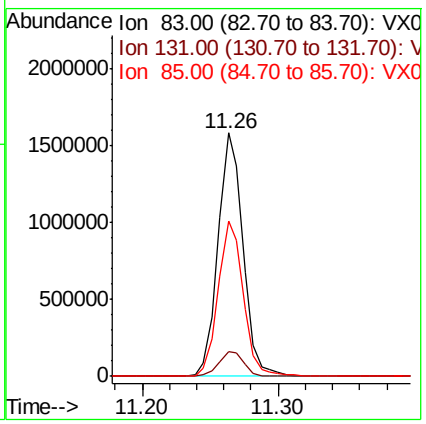


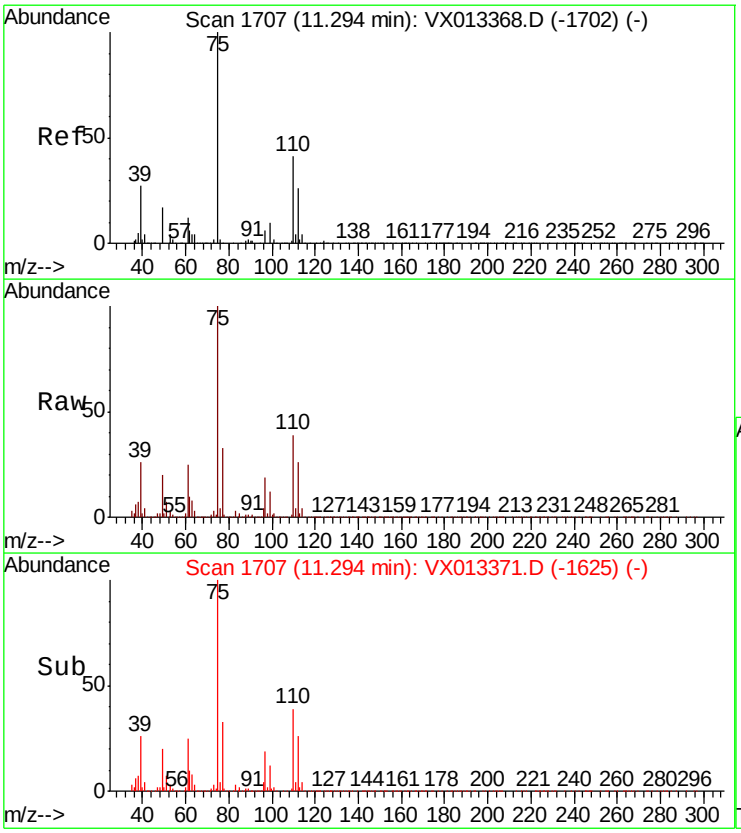

#71
1,1,2,2-Tetrachloroethane
Concen: 173.205 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 83 Resp: 2011203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.1 | 4.7 | 14.1 |
| 85 | 64.2 | 32.6 | 97.7 |

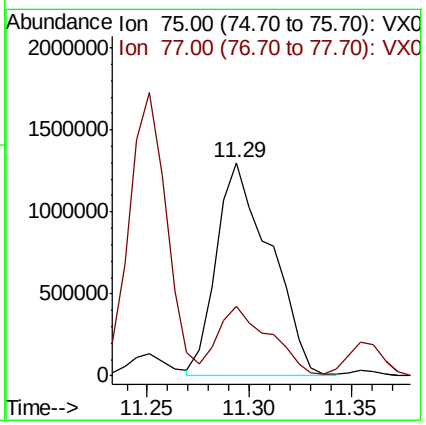


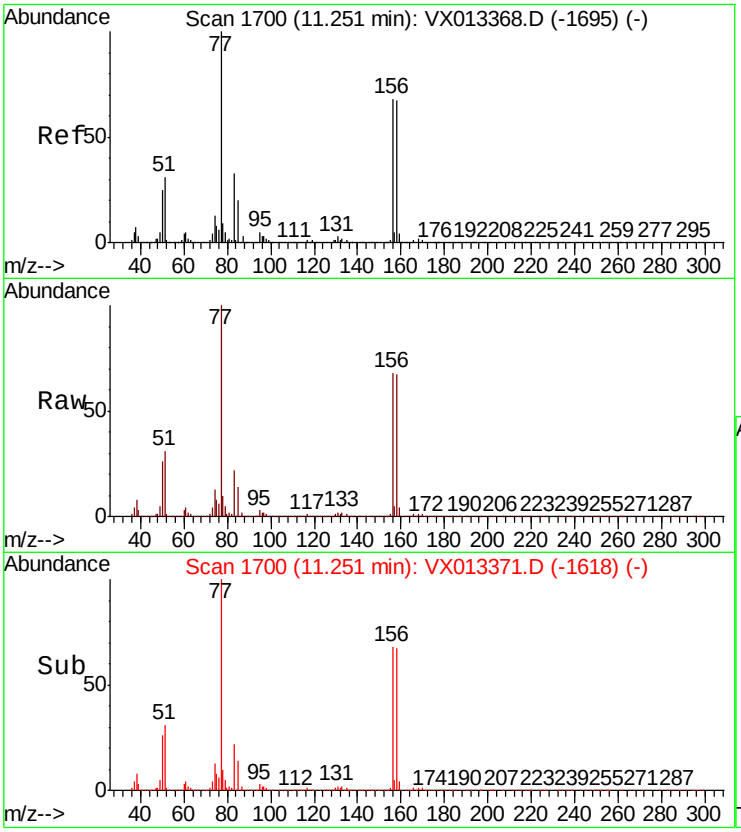




#72
1,2,3-Trichloropropane
Concen: 248.417 ug/l
RT: 11.29 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 75 Resp: 2391530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.0 | 0.0 | 86.2 |



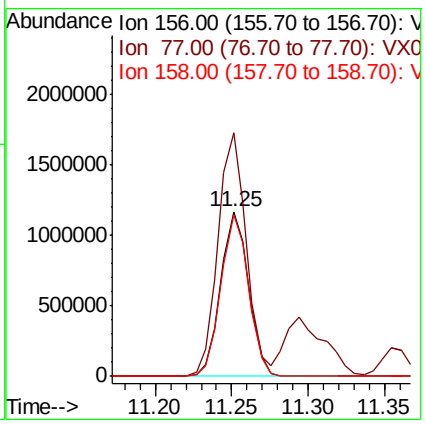


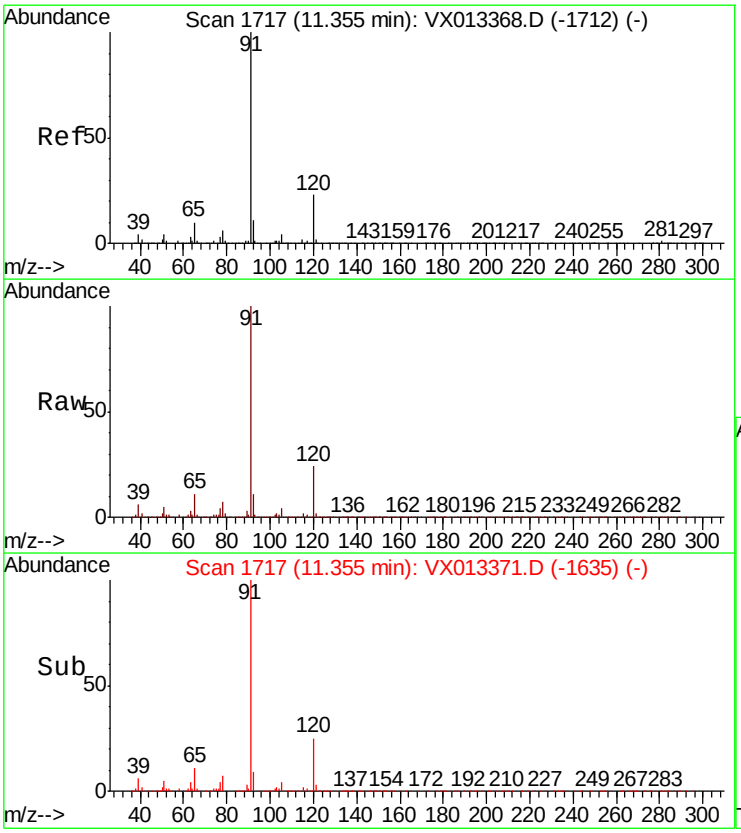

#73
Bromobenzene
Concen: 164.482 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion:156 Resp: 1475054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 149.7 | 0.0 | 308.8 |
| 158 | 97.2 | 0.0 | 197.0 |

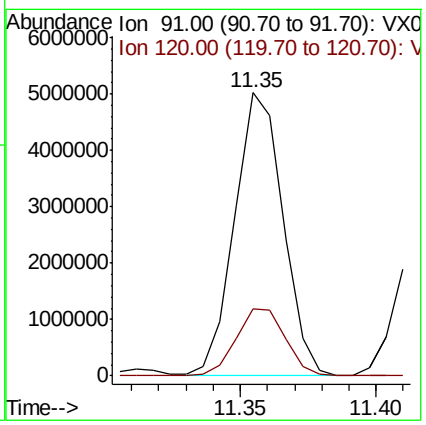


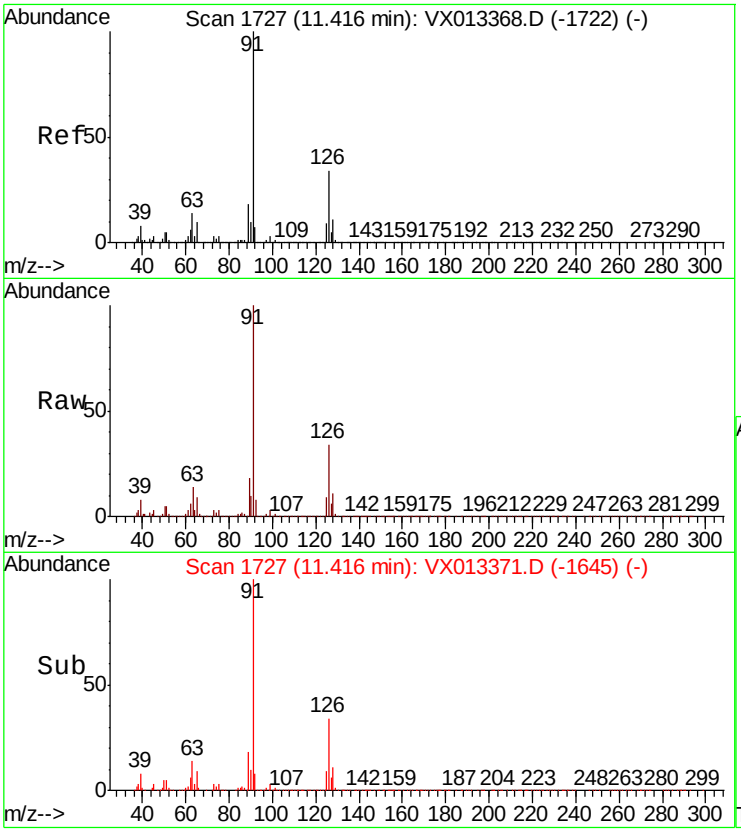




#74
n-propylbenzene
Concen: 153.403 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 91 Resp: 6205736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 24.1 | 0.0 | 46.2 |



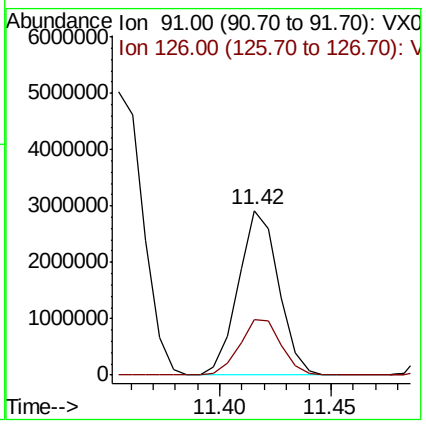


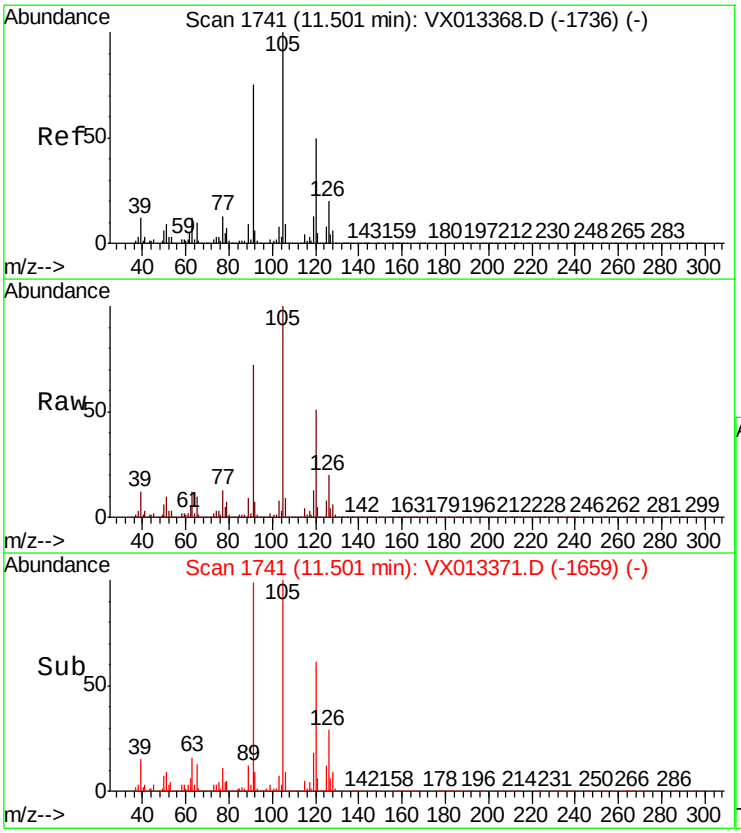

#75
2-Chlorotoluene
Concen: 147.965 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 91 Resp: 3705180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.9 | 0.0 | 69.0 |

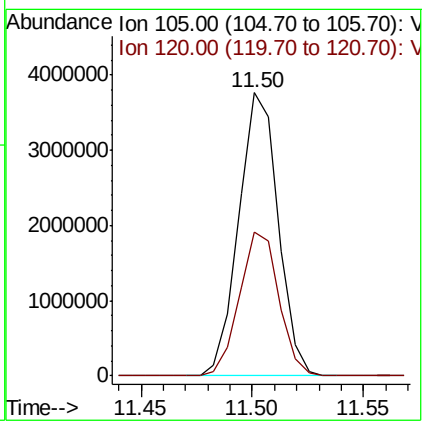


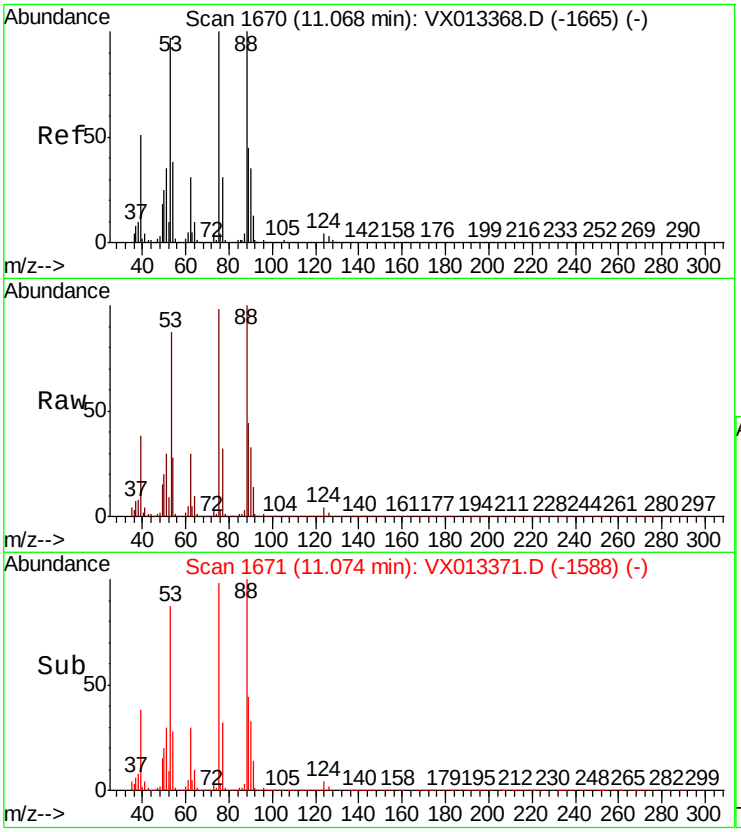




#76
1,3,5-Trimethylbenzene
Concen: 151.187 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion:105 Resp: 4665189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 50.8 | 0.0 | 100.0 |



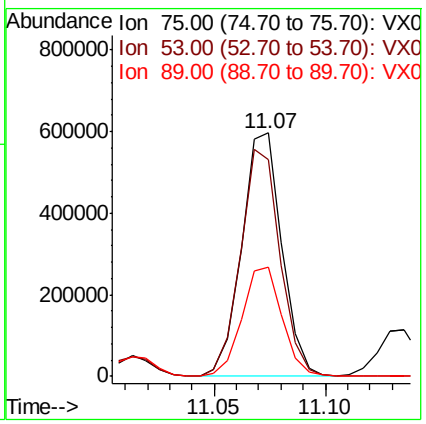


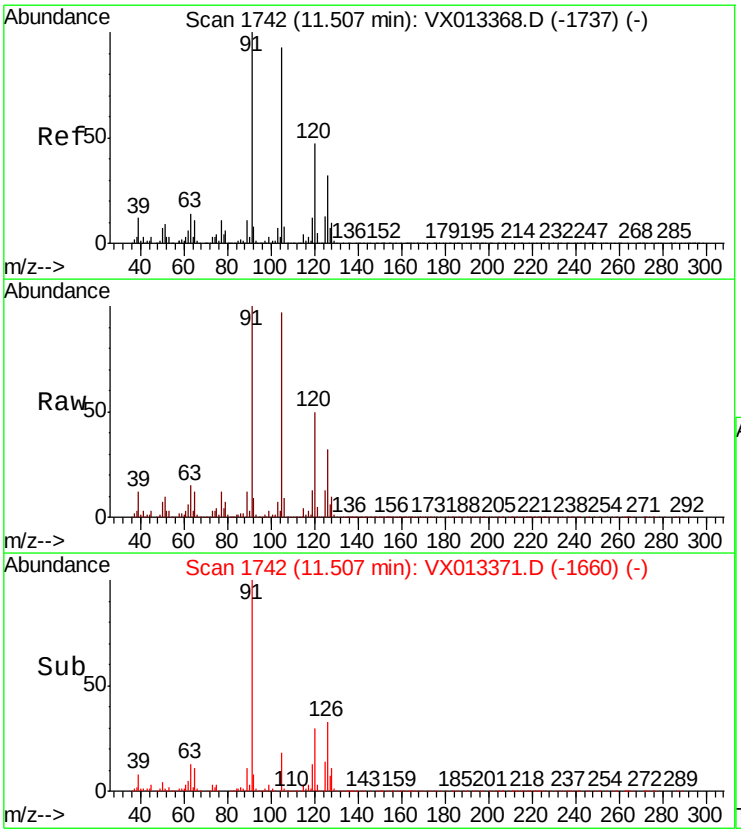

#77
t-1,4-Dichloro-2-butene
Concen: 192.264 ug/l
RT: 11.07 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 75 Resp: 751896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 88.8 | 48.8 | 146.3 |
| 89 | 44.6 | 22.3 | 66.8 |

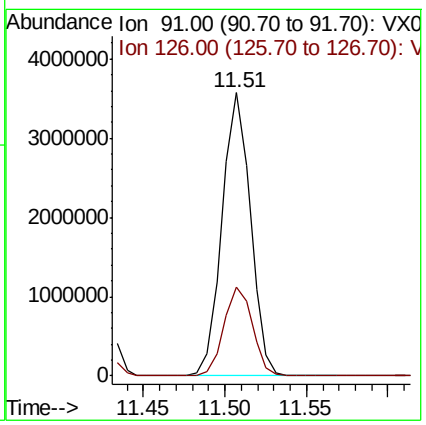


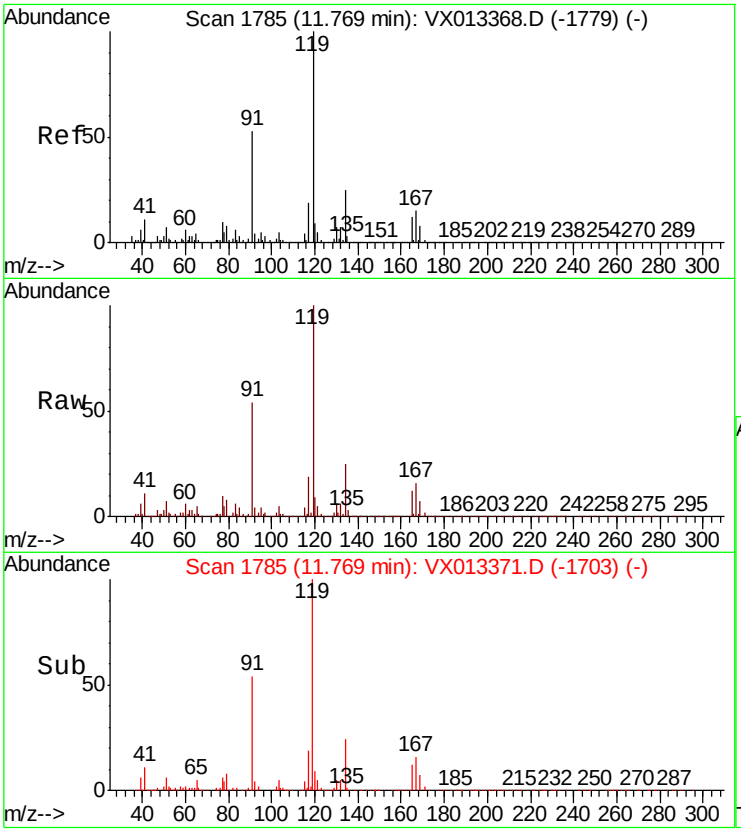




#78
4-Chlorotoluene
Concen: 151.163 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 91 Resp: 4335764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 31.4 | 0.0 | 61.0 |



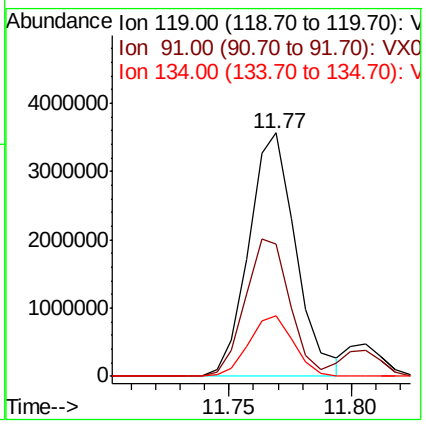


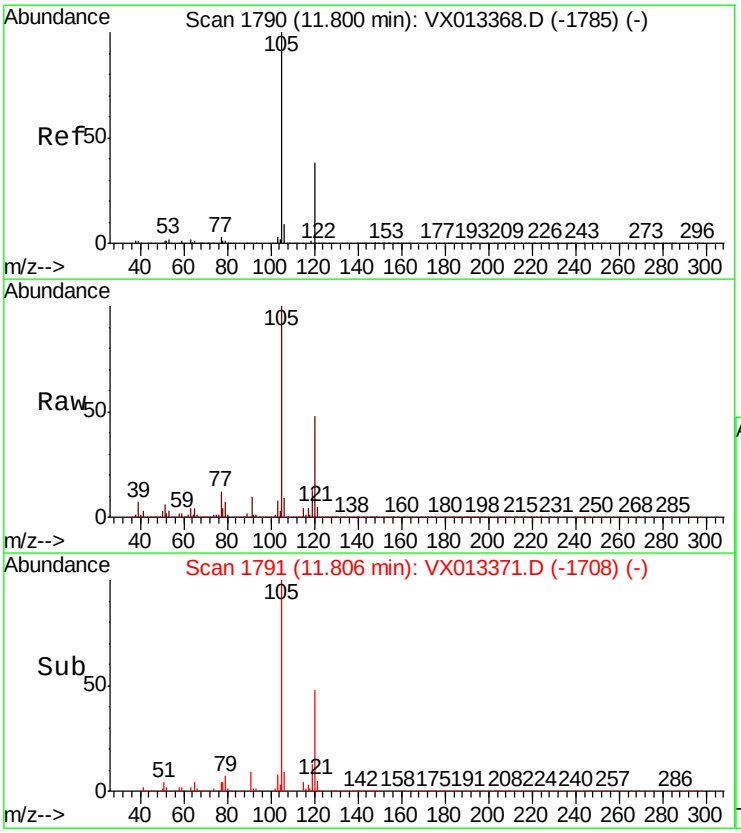

#79
tert-butylbenzene
Concen: 158.588 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion:119 Resp: 4778972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 53.8 | 0.0 | 109.6 |
| 134 | 23.5 | 0.0 | 47.8 |

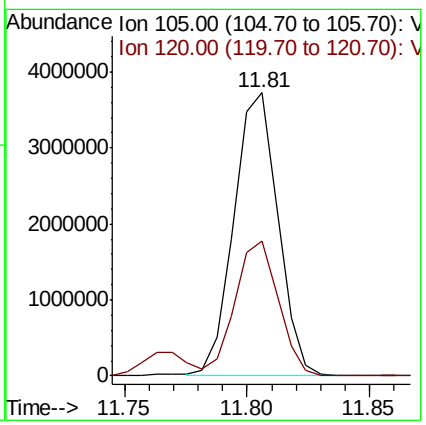


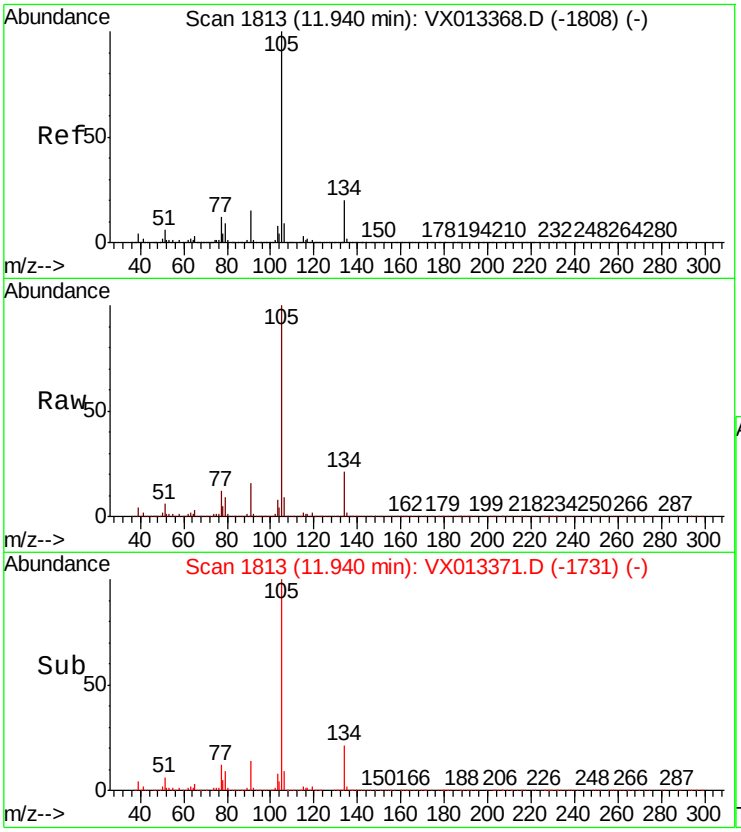




#80
1,2,4-Trimethylbenzene
Concen: 151.470 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion:105 Resp: 4664491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.0 | 0.0 | 94.0 |



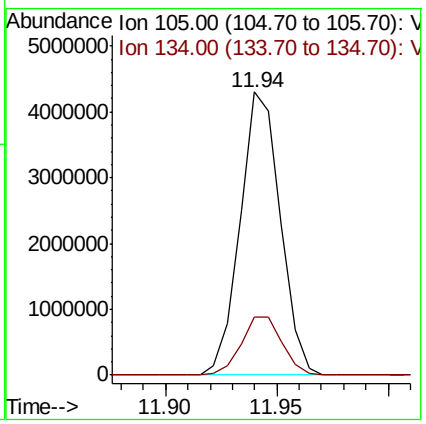


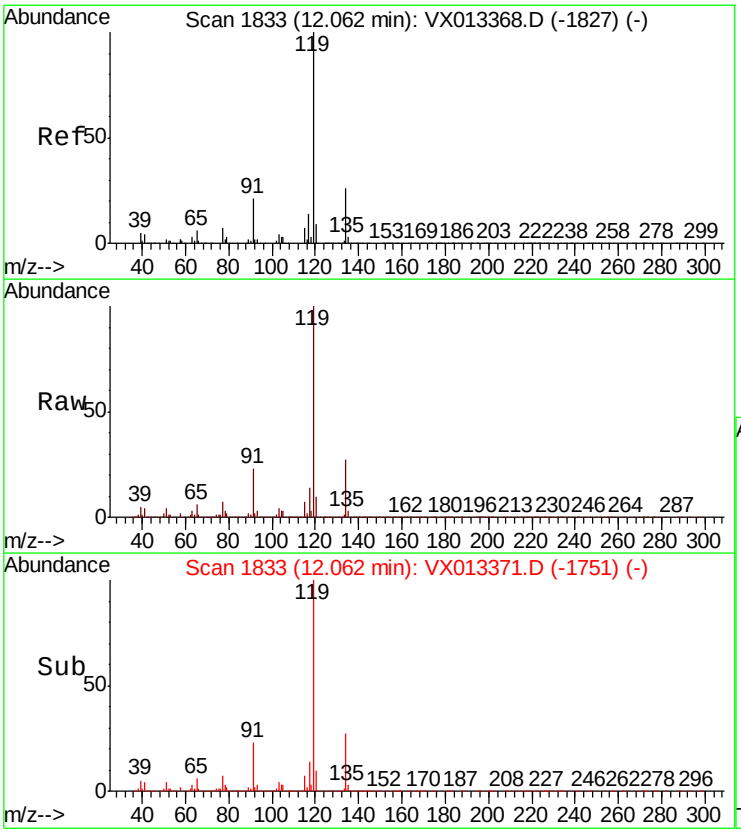

#81
sec-Butylbenzene
Concen: 154.090 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion:105 Resp: 5434232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 21.0 | 0.0 | 41.2 |

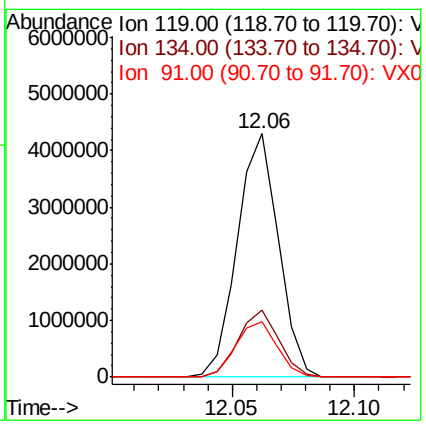


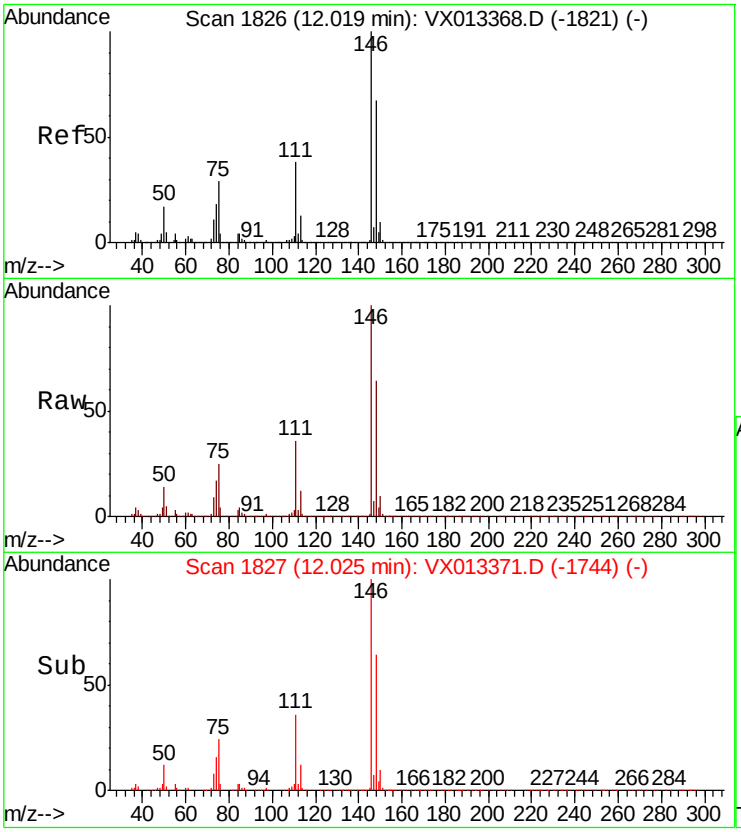




#82
p-Isopropyltoluene
Concen: 155.549 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion:119 Resp: 5037035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.0 | 0.0 | 51.6 |
| 91 | 22.9 | 0.0 | 44.2 |



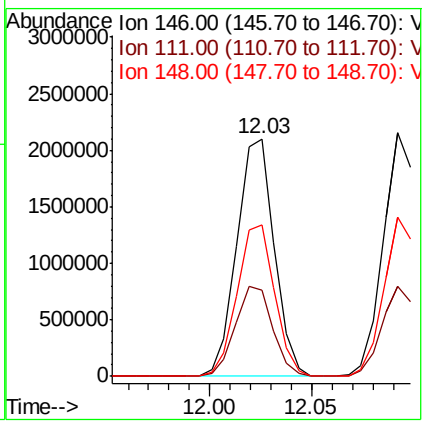


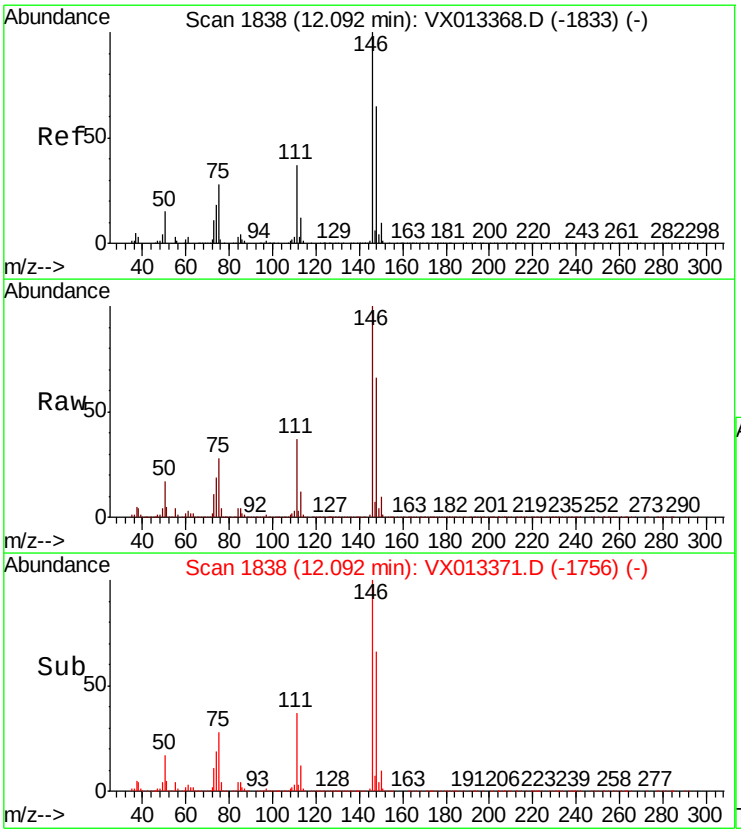

#83
1,3-Dichlorobenzene
Concen: 164.965 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion:146 Resp: 2674801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.7 | 18.8 | 56.3 |
| 148 | 63.9 | 32.3 | 96.9 |

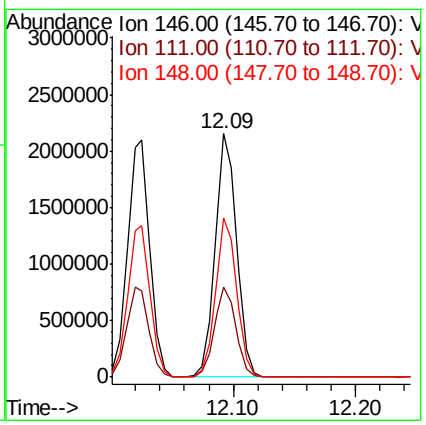


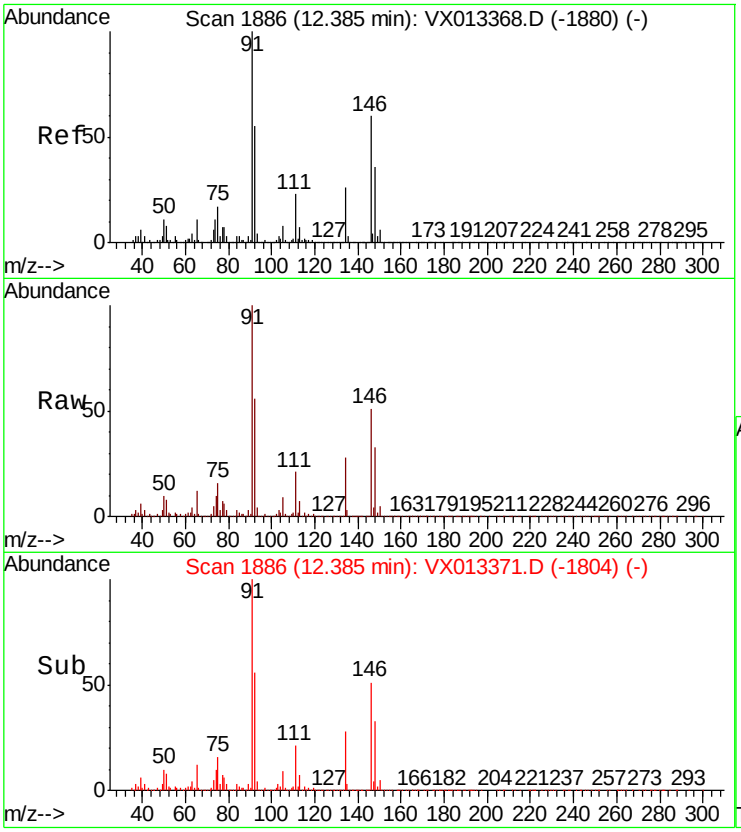




#84
1,4-Dichlorobenzene
Concen: 164.684 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion:146 Resp: 2641316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.0 | 18.6 | 55.6 |
| 148 | 64.4 | 32.5 | 97.4 |



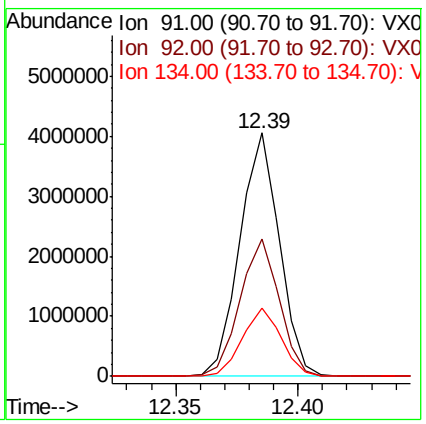


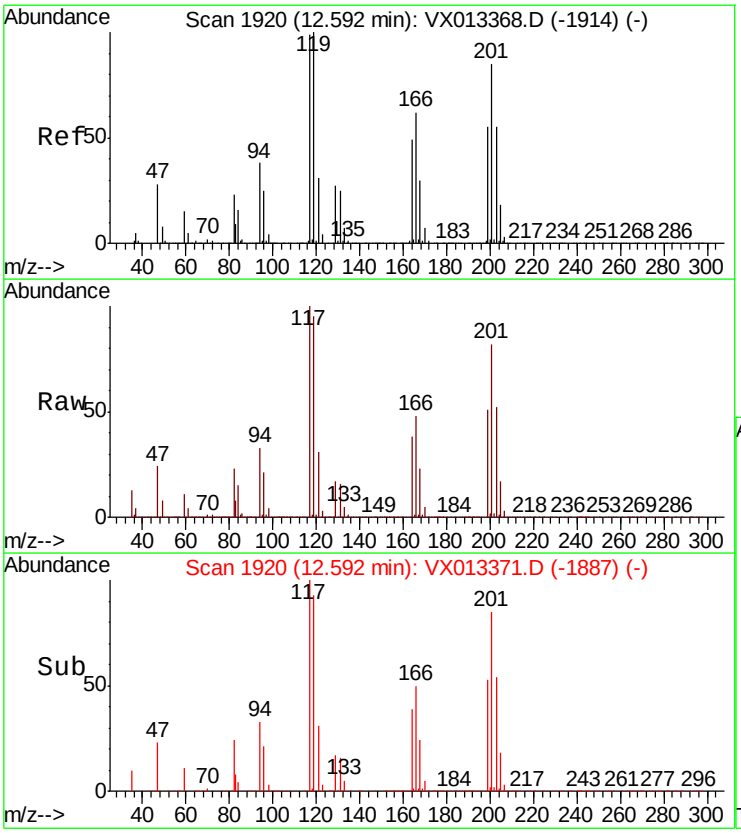

#85
n-Butylbenzene
Concen: 165.263 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion: 91 Resp: 4559473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 56.1 | 0.0 | 109.0 |
| 134 | 27.8 | 0.0 | 53.0 |

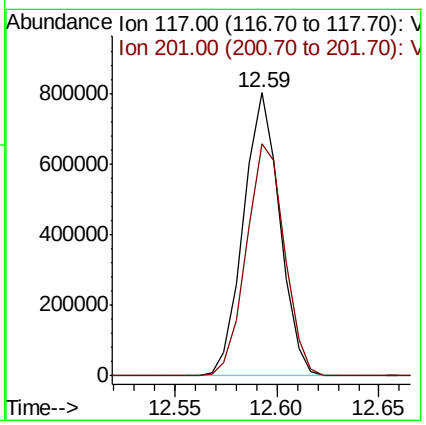


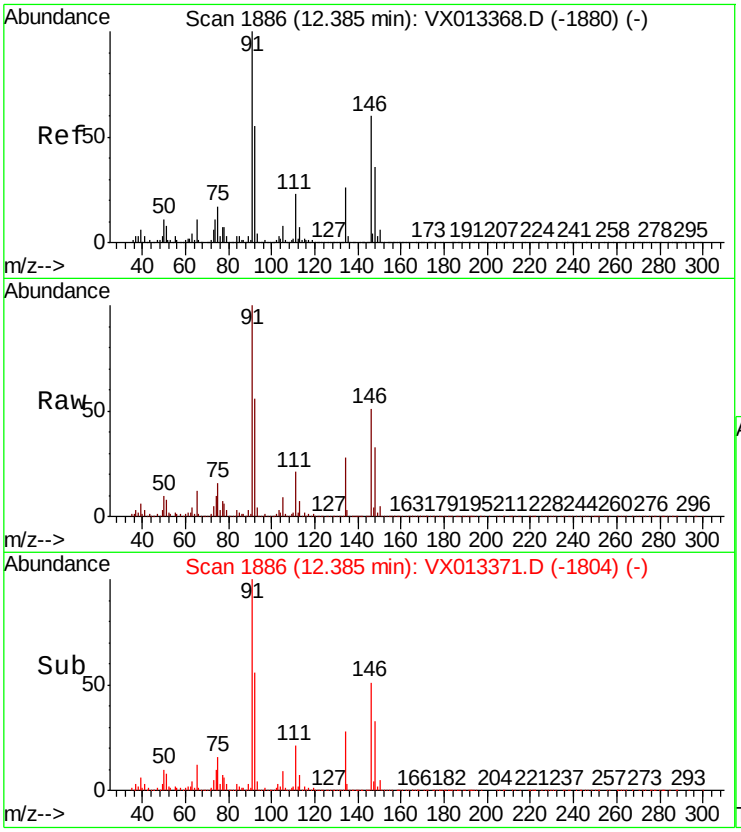




#86
Hexachloroethane
Concen: 175.290 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion:117 Resp: 995427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 85.8 | 44.5 | 133.3 |



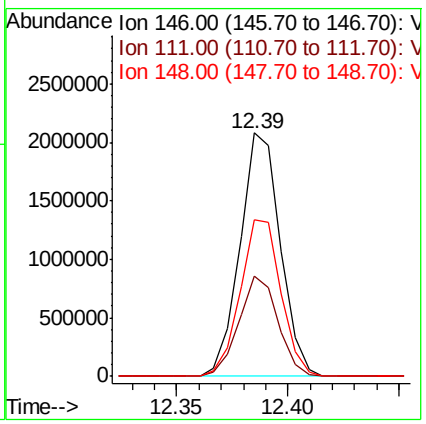


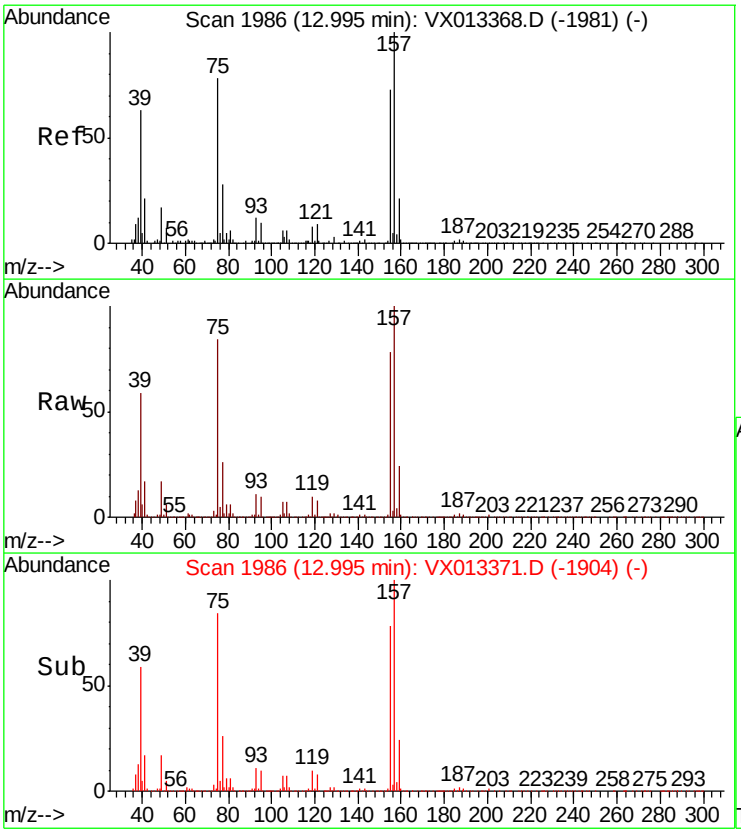

#87
1,2-Dichlorobenzene
Concen: 167.315 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion:146 Resp: 2638314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.1 | 19.6 | 58.7 |
| 148 | 64.9 | 31.6 | 94.7 |

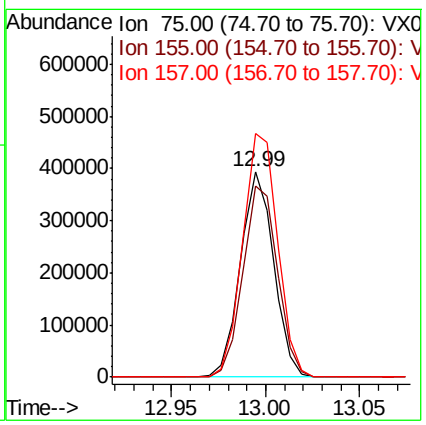


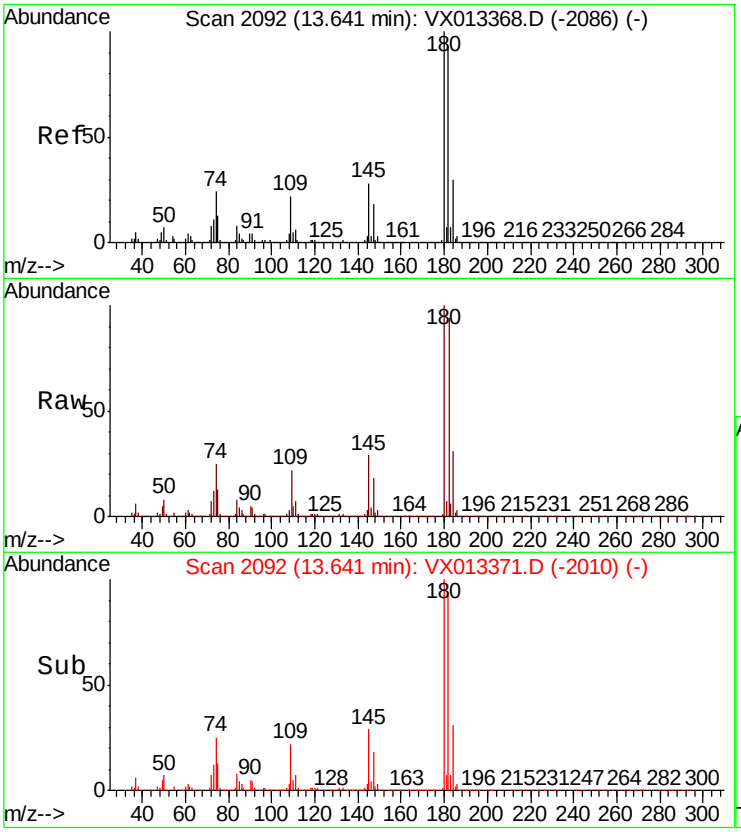




#88
1,2-Dibromo-3-Chloropropane
Concen: 174.360 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 75 Resp: 481501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 96.8 | 76.9 | 115.3 |
| 157 | 124.9 | 101.2 | 151.8 |



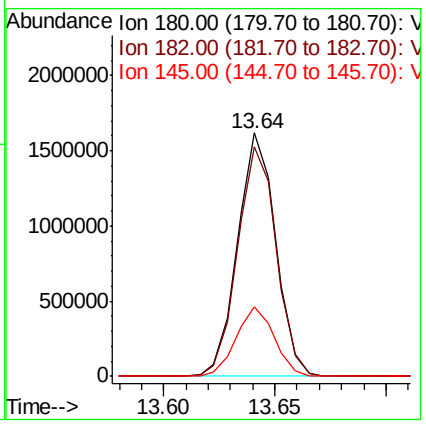


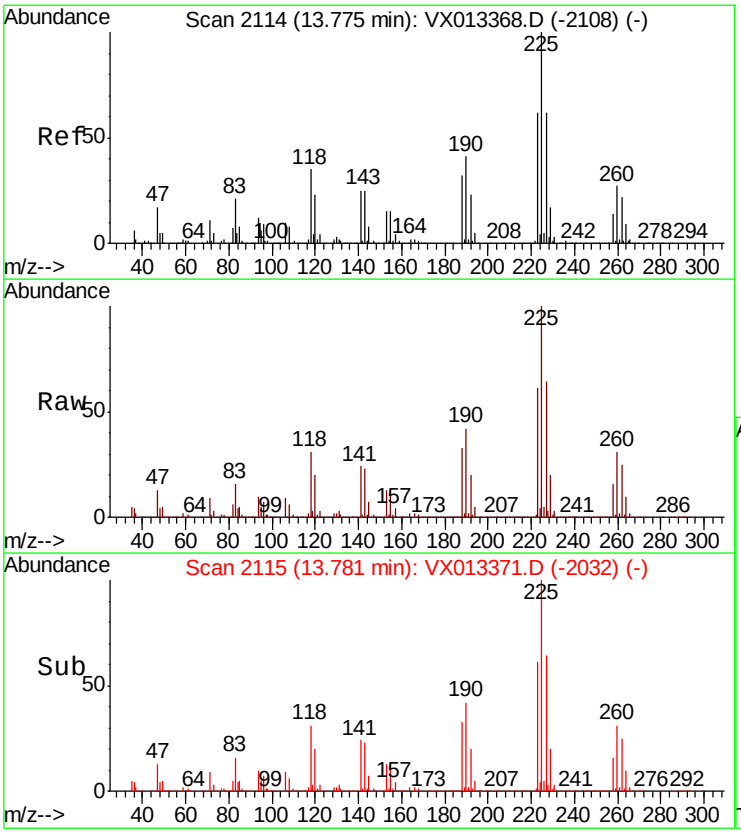

#89
1,2,4-Trichlorobenzene
Concen: 192.135 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion:180 Resp: 1929457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.7 | 74.7 | 112.1 |
| 145 | 28.7 | 22.1 | 33.1 |

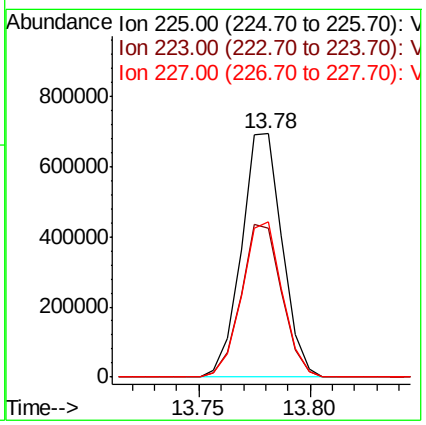


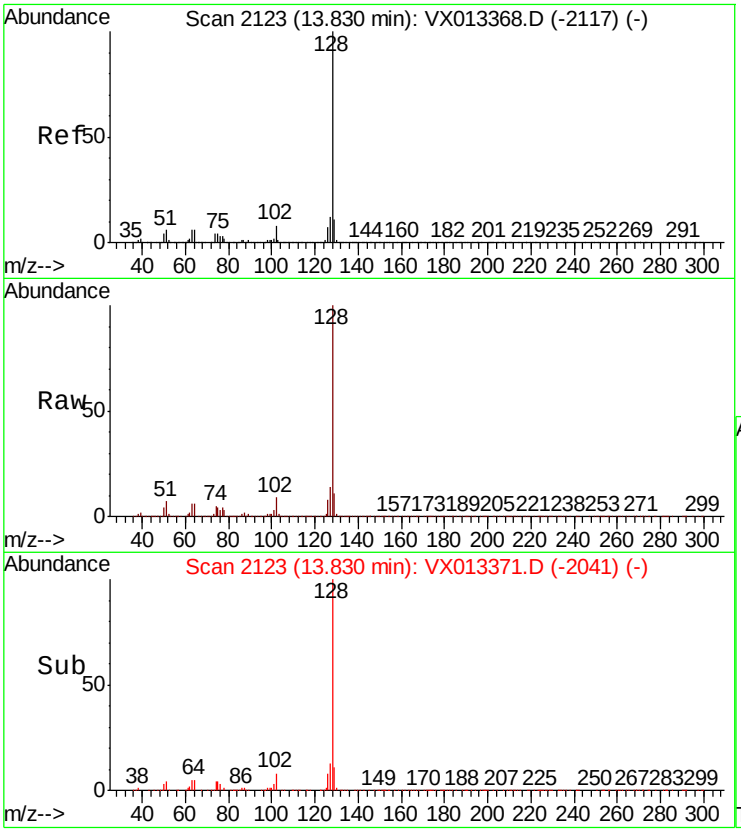




#90
Hexachlorobutadiene
Concen: 174.866 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion:225 Resp: 887585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.6 | 0.0 | 123.0 |
| 227 | 63.0 | 0.0 | 121.8 |



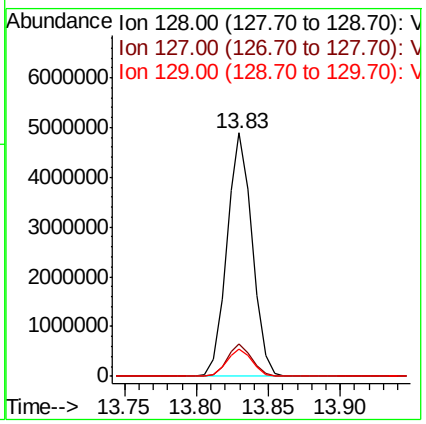


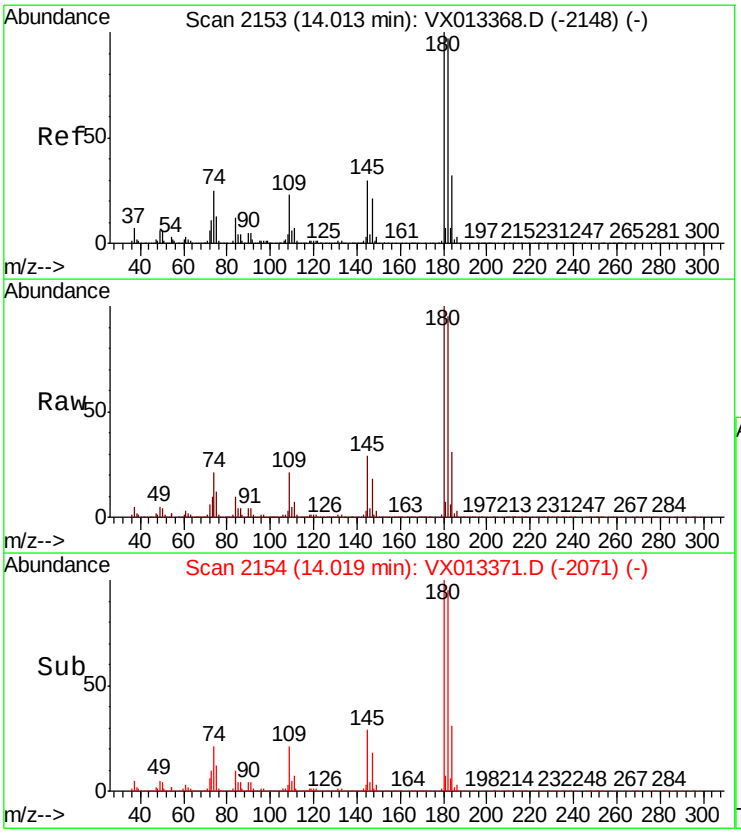

#91
Naphthalene
Concen: 185.835 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

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

Tgt Ion:128 Resp: 6035948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.1 | 10.2 | 15.2 |
| 129 | 11.2 | 8.8 | 13.2 |




#92
1,2,3-Trichlorobenzene
Concen: 185.466 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion:180 Resp: 1905437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.2 | 0.0 | 191.0 |
| 145 | 30.3 | 0.0 | 59.0 |