Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX053119\
Data File : VX009996.D
Acq On : 31 May 2019 19:31
Operator : JC/SP
Sample : K3131-11MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** LF014MW028-190530MSD

Quant Time: Jun 01 04:45:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 160408 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 262240 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 239933 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 115381 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 114110 | 50.36 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.72% | | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 82439 | 50.00 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.00% | | | | |
| 50) Toluene-d8 | 8.71 | 98 | 337442 | 50.40 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.80% | | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 121422 | 50.49 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.98% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 107343 | 54.763 | ug/l | | 99 |
| 3) Chloromethane | 1.32 | 50 | 126184 | 47.885 | ug/l | | 98 |
| 4) Vinyl Chloride | 1.41 | 62 | 126093 | 53.080 | ug/l | | 98 |
| 5) Bromomethane | 1.64 | 94 | 54515 | 37.877 | ug/l | | 98 |
| 6) Chloroethane | 1.71 | 64 | 68280 | 46.693 | ug/l | | 100 |
| 7) Trichlorofluoromethane | 1.93 | 101 | 130767 | 49.815 | ug/l | | 99 |
| 8) Diethyl Ether | 2.19 | 74 | 57559 | 46.660 | ug/l | | 100 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 76835 | 48.481 | ug/l | | 98 |
| 10) Methyl Iodide | 2.51 | 142 | 69967 | 36.988 | ug/l | | 99 |
| 11) Tert butyl alcohol | 3.05 | 59 | 135905 | 243.716 | ug/l | | 100 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 81336 | 50.068 | ug/l | | 99 |
| 13) Acrolein | 2.29 | 56 | 91347 | 232.695 | ug/l | | 100 |
| 14) Allyl chloride | 2.73 | 41 | 195962 | 49.631 | ug/l | | 100 |
| 15) Acrylonitrile | 3.14 | 53 | 342648 | 255.020 | ug/l | | 99 |
| 16) Acetone | 2.45 | 43 | 296016 | 226.107 | ug/l | | 100 |
| 17) Carbon Disulfide | 2.57 | 76 | 242770 | 49.359 | ug/l | | 99 |
| 18) Methyl Acetate | 2.78 | 43 | 157874 | 51.825 | ug/l | | 98 |
| 19) Methyl tert-butyl Ether | 3.20 | 73 | 315490 | 51.440 | ug/l | | 99 |
| 20) Methylene Chloride | 2.85 | 84 | 98354 | 49.058 | ug/l | | 99 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 87584 | 48.455 | ug/l | | 99 |
| 22) Diisopropyl ether | 3.86 | 45 | 384809 | 51.223 | ug/l | # | 86 |
| 23) Vinyl Acetate | 3.82 | 43 | 1735729 | 257.189 | ug/l | | 99 |
| 24) 1,1-Dichloroethane | 3.70 | 63 | 184298 | 50.622 | ug/l | | 99 |
| 25) 2-Butanone | 4.67 | 43 | 523895 | 256.850 | ug/l | | 100 |
| 26) 2,2-Dichloropropane | 4.58 | 77 | 112788 | 40.954 | ug/l | | 99 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 104442 | 50.056 | ug/l | | 96 |
| 28) Bromochloromethane | 5.02 | 49 | 92573 | 49.000 | ug/l | | 100 |
| 29) Tetrahydrofuran | 5.13 | 42 | 349092 | 266.895 | ug/l | | 99 |
| 30) Chloroform | 5.21 | 83 | 169448 | 51.608 | ug/l | | 96 |
| 31) Cyclohexane | 5.58 | 56 | 178120 | 51.656 | ug/l | | 97 |
| 32) 1,1,1-Trichloroethane | 5.49 | 97 | 141755 | 53.012 | ug/l | | 99 |
| 36) 1,1-Dichloropropene | 5.80 | 75 | 130382 | 49.002 | ug/l | | 100 |
| 37) Ethyl Acetate | 4.84 | 43 | 198303 | 53.489 | ug/l | | 100 |
| 38) Carbon Tetrachloride | 5.79 | 117 | 117765 | 51.219 | ug/l | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX053119\
Data File : VX009996.D
Acq On : 31 May 2019 19:31
Operator : JC/SP
Sample : K3131-11MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** LF014MW028-190530MSD

Quant Time: Jun 01 04:45:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.46 | 83 | 153388 | 48.600 | ug/l | 99 |
| 40) Benzene | 6.14 | 78 | 403383 | 51.107 | ug/l | 99 |
| 41) Methacrylonitrile | 5.04 | 41 | 112171 | 51.779 | ug/l | 99 |
| 42) 1,2-Dichloroethane | 6.19 | 62 | 147866 | 50.674 | ug/l | 100 |
| 43) Isopropyl Acetate | 6.45 | 43 | 314924 | 52.645 | ug/l | 100 |
| 44) Trichloroethene | 7.21 | 130 | 94083 | 49.073 | ug/l | 96 |
| 45) 1,2-Dichloropropane | 7.51 | 63 | 115401 | 50.790 | ug/l | 97 |
| 46) Dibromomethane | 7.66 | 93 | 65773 | 49.179 | ug/l | 100 |
| 47) Bromodichloromethane | 7.90 | 83 | 133292 | 52.410 | ug/l | 98 |
| 48) Methyl methacrylate | 7.77 | 41 | 158418 | 53.496 | ug/l | 100 |
| 49) 1,4-Dioxane | 7.74 | 88 | 49996 | 907.643 | ug/l | 99 |
| 51) 4-Methyl-2-Pentanone | 8.64 | 43 | 1045707 | 268.723 | ug/l | 100 |
| 52) Toluene | 8.79 | 92 | 244384 | 50.995 | ug/l | 100 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 154793 | 50.750 | ug/l | 99 |
| 54) cis-1,3-Dichloropropene | 8.43 | 75 | 165774 | 49.883 | ug/l | 99 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 98247 | 50.936 | ug/l | 98 |
| 56) Ethyl methacrylate | 9.18 | 69 | 188356 | 54.851 | ug/l | 99 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 173886 | 50.198 | ug/l | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.31 | 63 | 458125 | 254.420 | ug/l | 100 |
| 59) 2-Hexanone | 9.49 | 43 | 807634 | 269.571 | ug/l | 100 |
| 60) Dibromochloromethane | 9.58 | 129 | 99880 | 52.641 | ug/l | 100 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 101944 | 51.445 | ug/l | 99 |
| 64) Tetrachloroethene | 9.34 | 164 | 81610 | 48.695 | ug/l | 97 |
| 65) Chlorobenzene | 10.14 | 112 | 1852568 | 368.815 | ug/l | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.22 | 131 | 90443 | 51.913 | ug/l | 99 |
| 67) Ethyl Benzene | 10.25 | 91 | 467510 | 51.836 | ug/l | 100 |
| 68) m/p-Xylenes | 10.36 | 106 | 336886 | 101.109 | ug/l | 99 |
| 69) o-Xylene | 10.69 | 106 | 166545 | 52.120 | ug/l | 100 |
| 70) Styrene | 10.71 | 104 | 293594 | 52.397 | ug/l | 99 |
| 71) Bromoform | 10.85 | 173 | 78022 | 54.788 | ug/l | 98 |
| 73) Isopropylbenzene | 11.02 | 105 | 440062 | 51.692 | ug/l | 99 |
| 74) N-amyl acetate | 10.90 | 43 | 274981 | 54.055 | ug/l | 100 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 166340 | 52.374 | ug/l | 100 |
| 76) 1,2,3-Trichloropropane | 11.29 | 75 | 193956 | 70.296 | ug/l | 82 |
| 77) Bromobenzene | 11.26 | 156 | 109466 | 50.456 | ug/l | 99 |
| 78) n-propylbenzene | 11.36 | 91 | 510410 | 52.015 | ug/l | 99 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 304897 | 50.856 | ug/l | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 374119 | 52.164 | ug/l | 99 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 54418 | 48.798 | ug/l | 97 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 354399 | 50.780 | ug/l | 100 |
| 83) tert-Butylbenzene | 11.77 | 119 | 364448 | 53.115 | ug/l | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 376748 | 51.726 | ug/l | 99 |
| 85) sec-Butylbenzene | 11.94 | 105 | 427028 | 52.313 | ug/l | 100 |
| 86) p-Isopropyltoluene | 12.06 | 119 | 387438 | 52.768 | ug/l | 100 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 194604 | 50.383 | ug/l | 100 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 200784 | 50.972 | ug/l | 100 |
| 89) n-Butylbenzene | 12.38 | 91 | 352968 | 51.153 | ug/l | 99 |
| 90) Hexachloroethane | 12.60 | 117 | 68204 | 54.129 | ug/l | 98 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 199692 | 52.439 | ug/l | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75 | 38081 | 50.939 | ug/l | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX053119\
Data File : VX009996.D
Acq On : 31 May 2019 19:31
Operator : JC/SP
Sample : K3131-11MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** LF014MW028-190530MSD

Quant Time: Jun 01 04:45:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 137423 | 50.498 | ug/l | 99 |
| 94) Hexachlorobutadiene | 13.78 | 225 | 66358 | 48.615 | ug/l | 100 |
| 95) Naphthalene | 13.83 | 128 | 449987 | 53.136 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 137669 | 50.539 | ug/l | 99 |

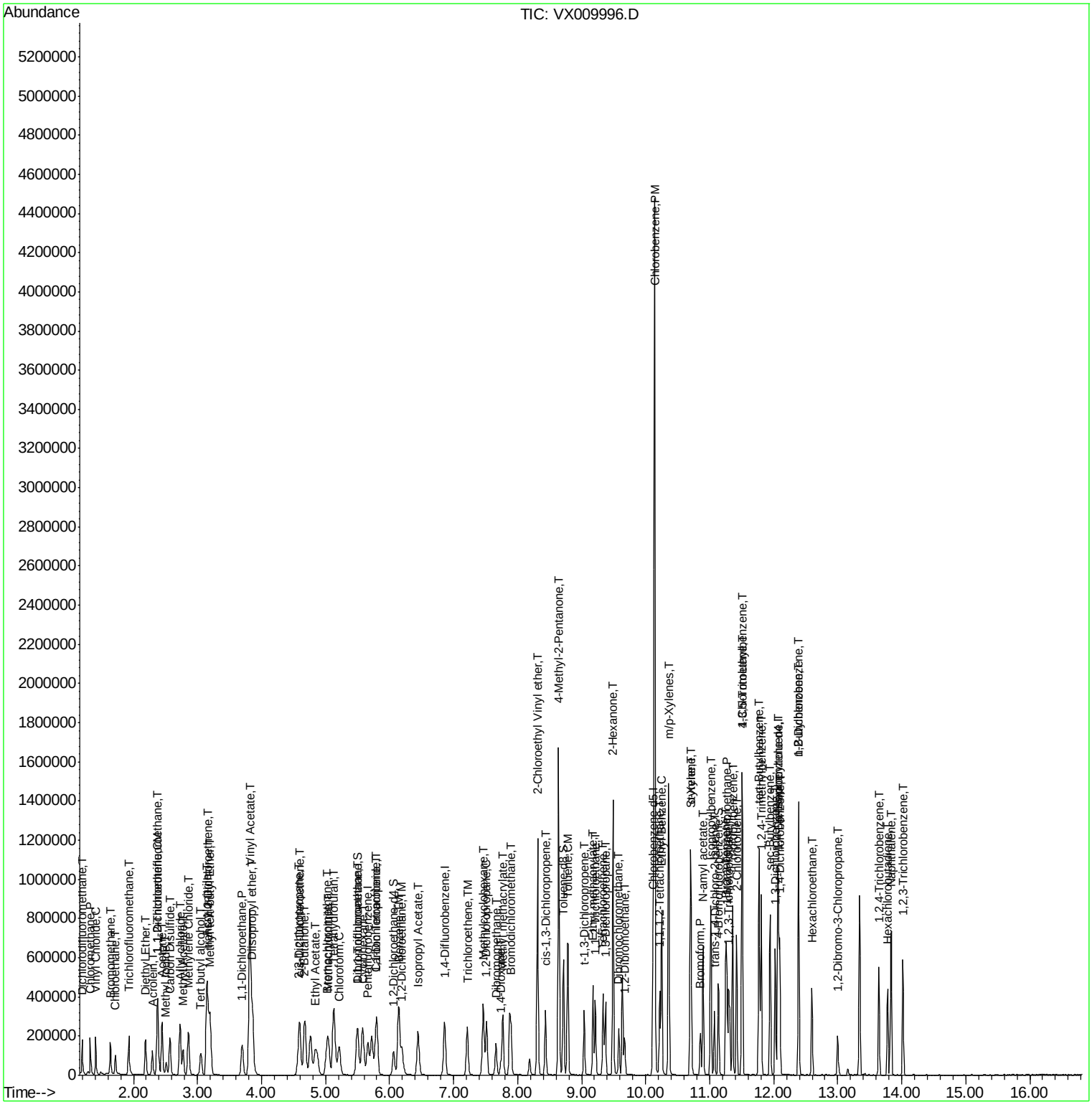
(#) = qualifier out of range (m) = manual integration (+) = signals summed

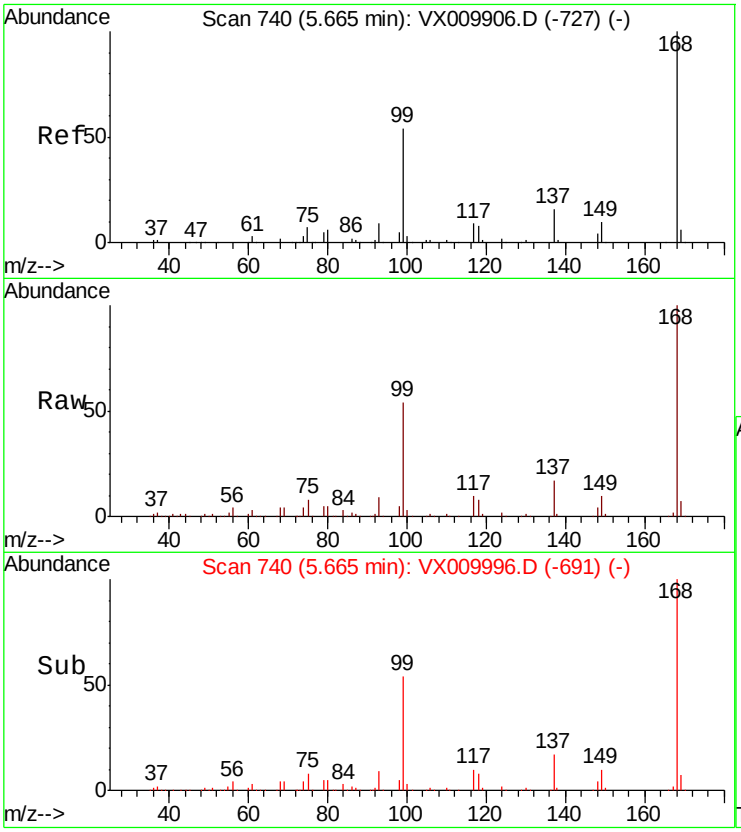
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX053119\
Data File : VX009996.D
Acq On : 31 May 2019 19:31
Operator : JC/SP
Sample : K3131-11MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Quant Time: Jun 01 04:45:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration



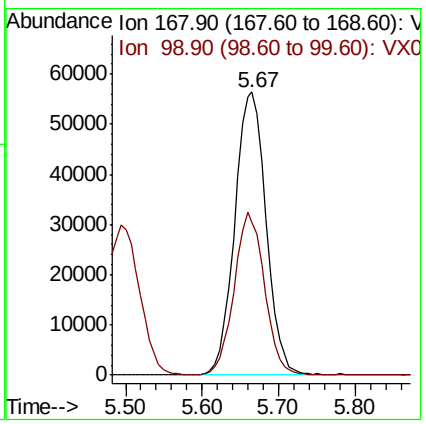


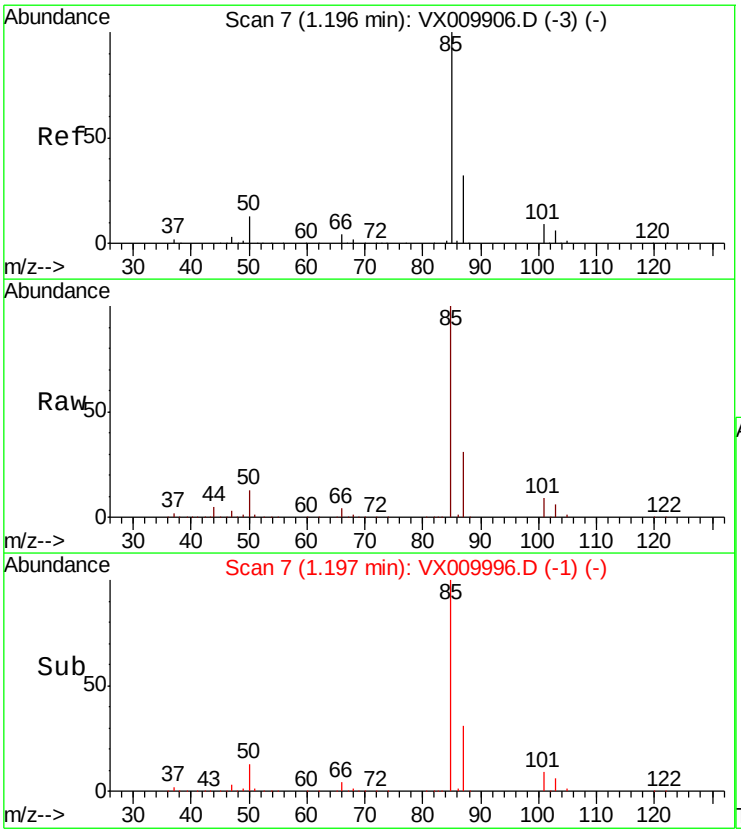

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion:168 Resp: 160408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 53.6 | 43.0 | 64.6 |

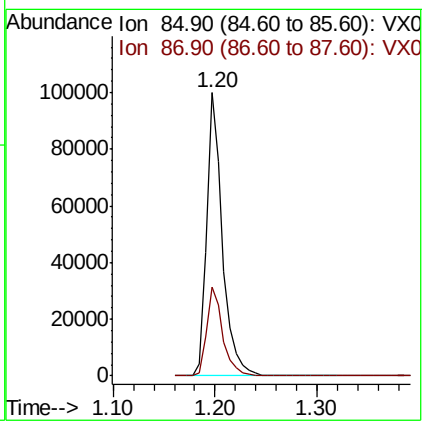


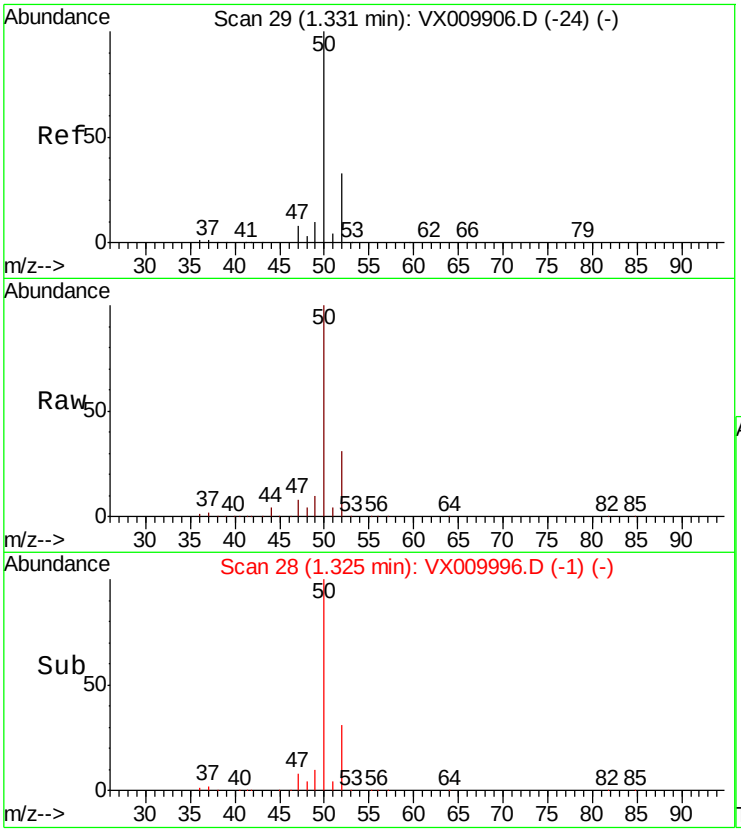




#2
Dichlorodifluoromethane
Concen: 54.763 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 85 Resp: 107343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.5 | 16.1 | 48.2 |



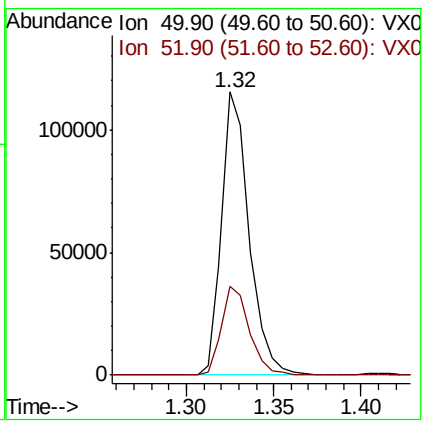


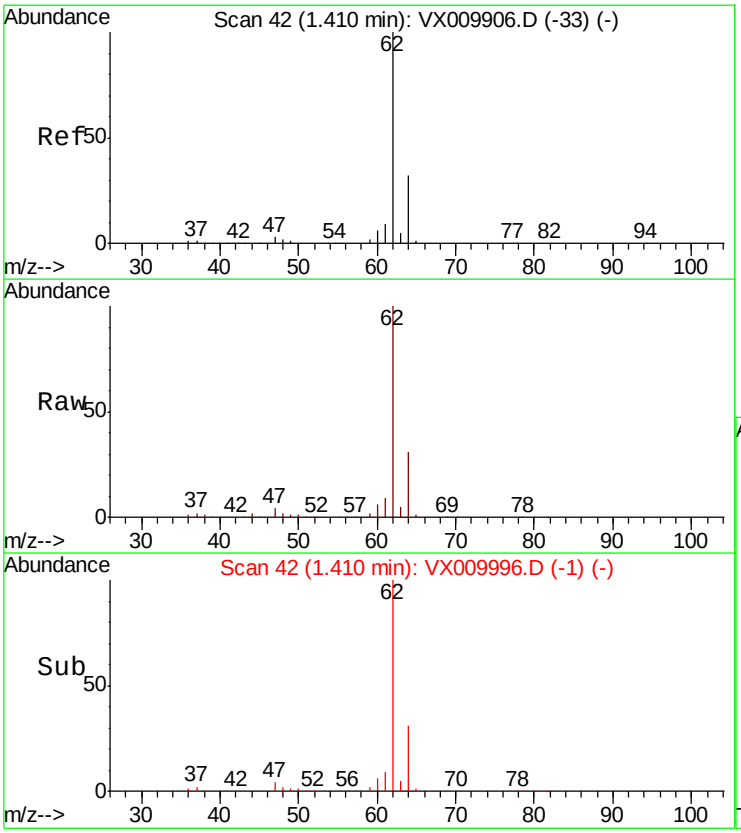

#3
Chloromethane
Concen: 47.885 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.01 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 50 Resp: 126184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.3 | 26.0 | 39.0 |

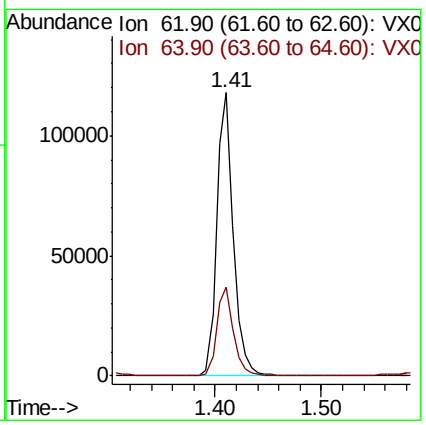


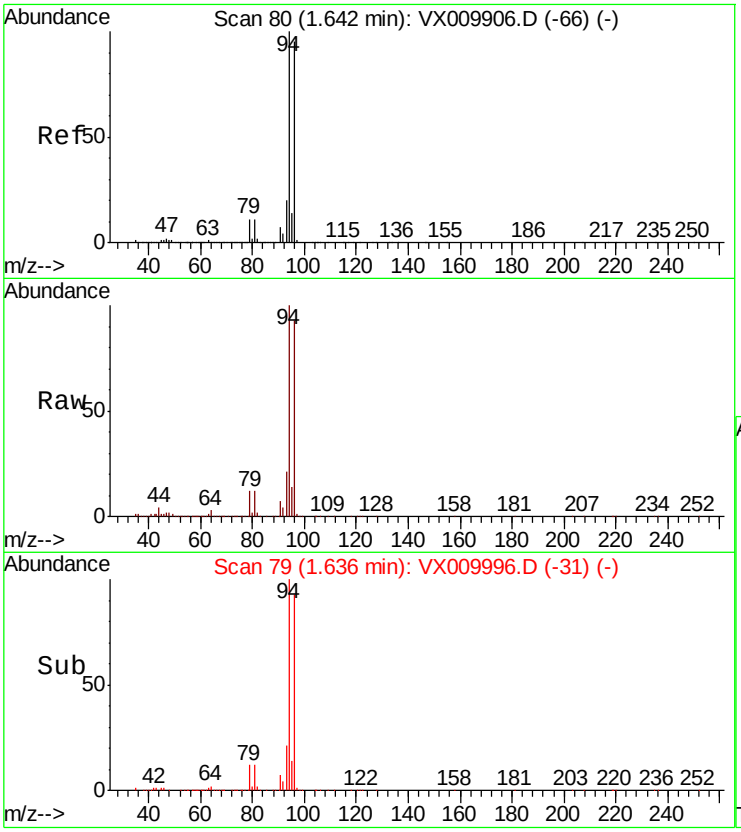




#4
Vinyl Chloride
Concen: 53.080 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 62 Resp: 126093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.2 | 25.7 | 38.5 |



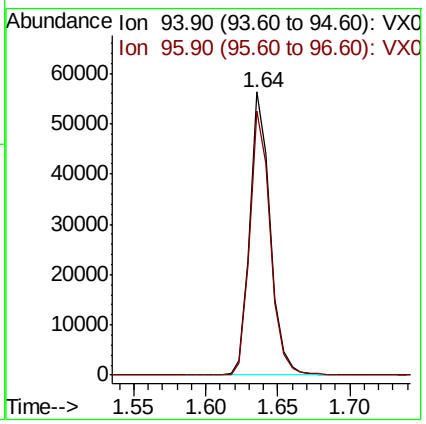


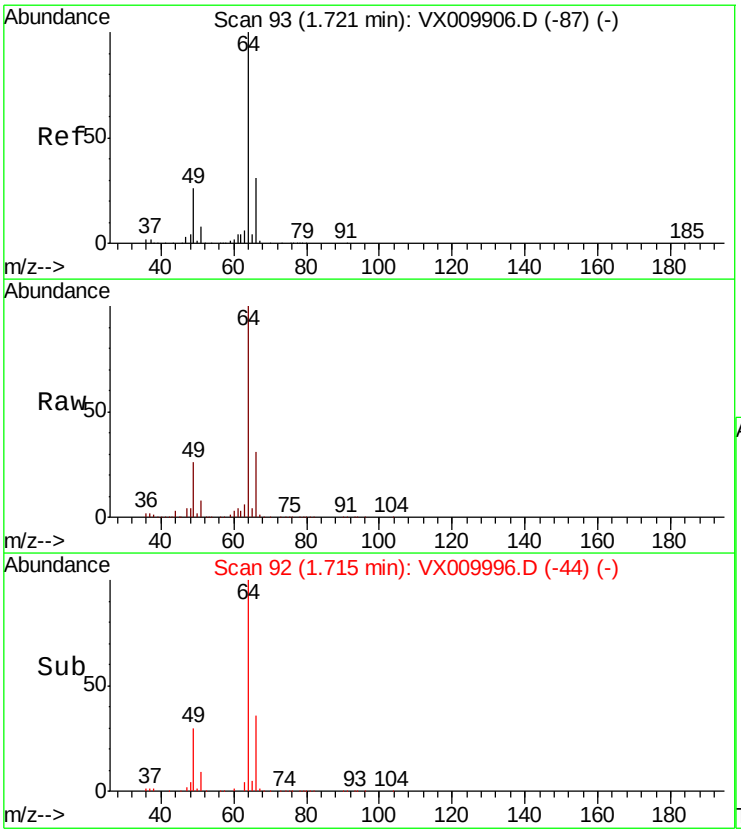

#5
Bromomethane
Concen: 37.877 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.01 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 94 Resp: 54515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 93.2 | 76.2 | 114.4 |

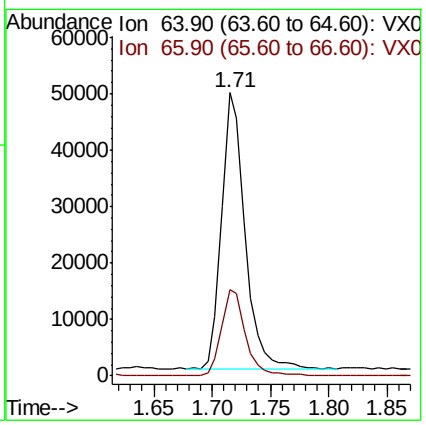


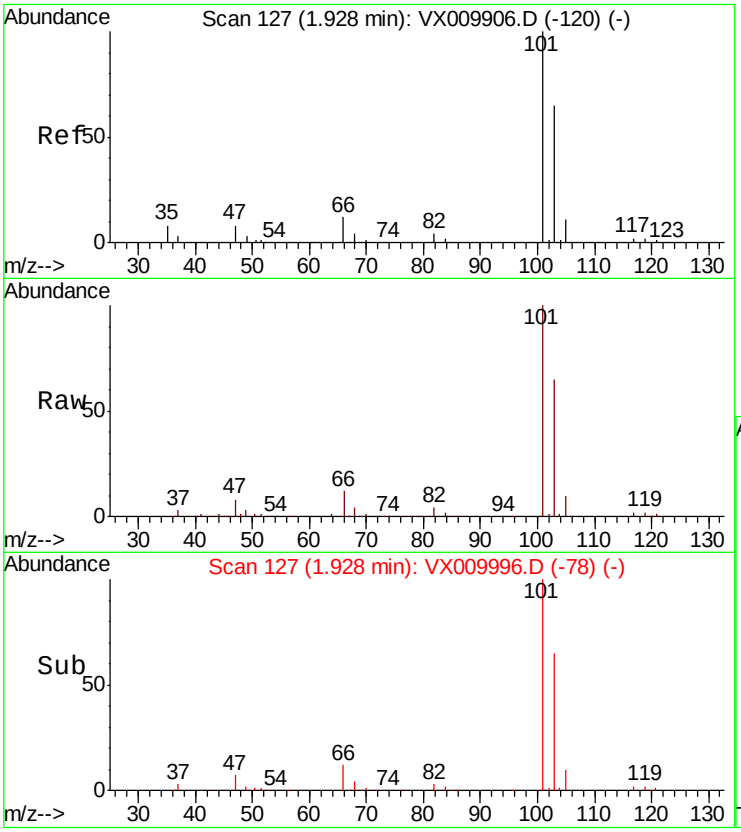




#6
Chloroethane
Concen: 46.693 ug/l
RT: 1.71 min Scan# 92
Delta R.T. -0.01 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 64 Resp: 68280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.1 | 25.1 | 37.7 |



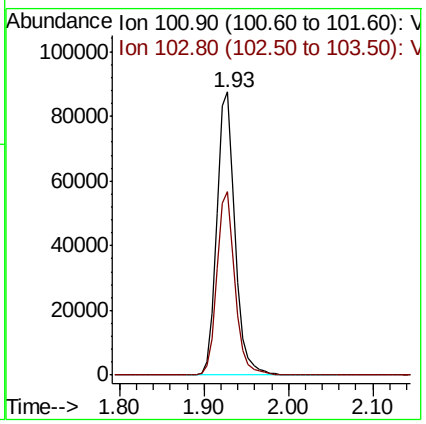


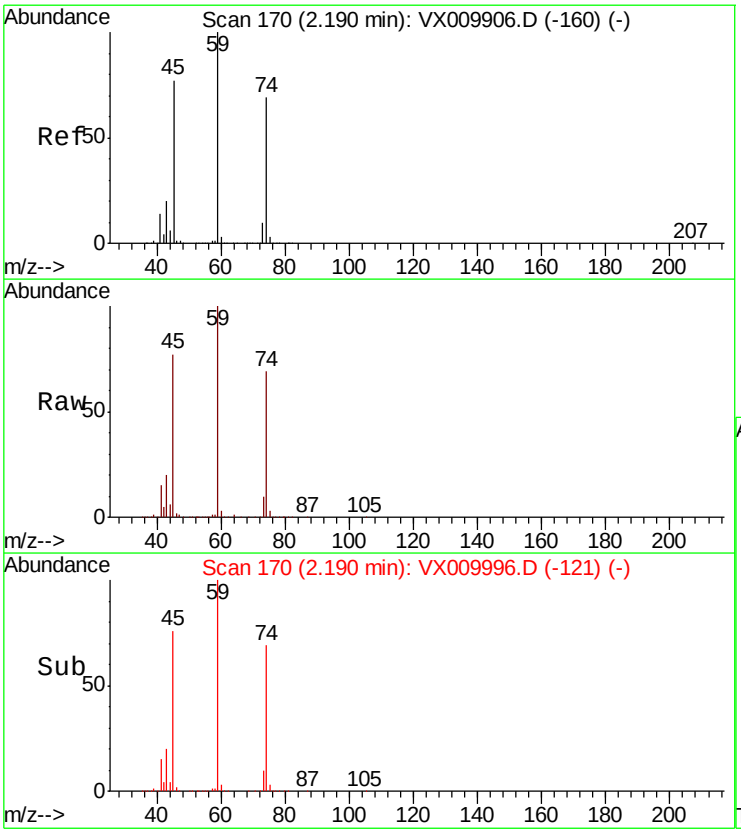

#7
Trichlorofluoromethane
Concen: 49.815 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion:101 Resp: 130767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.8 | 52.2 | 78.4 |

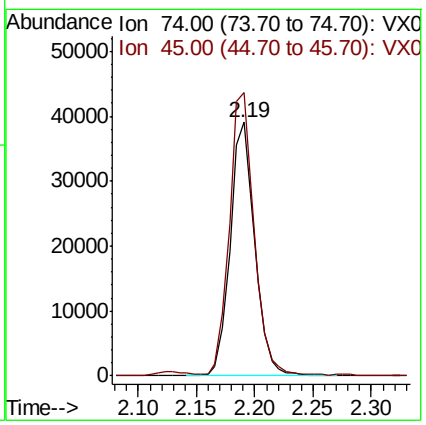


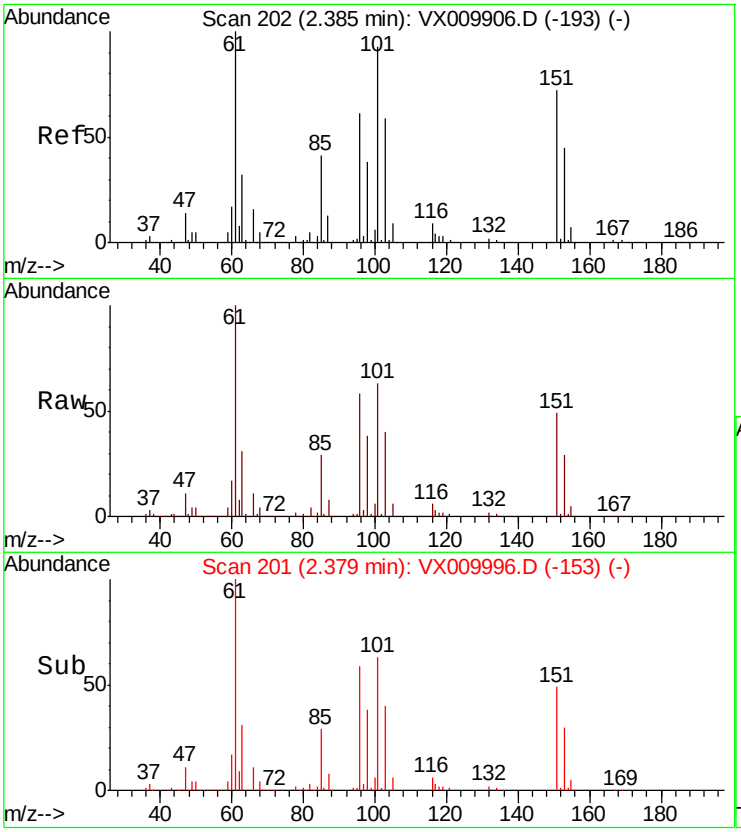




#8
Diethyl Ether
Concen: 46.660 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 74 Resp: 57559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 111.8 | 56.1 | 168.3 |



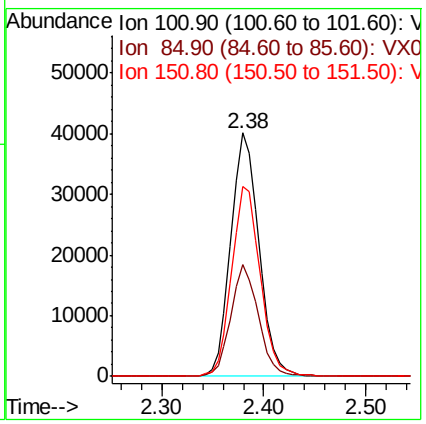


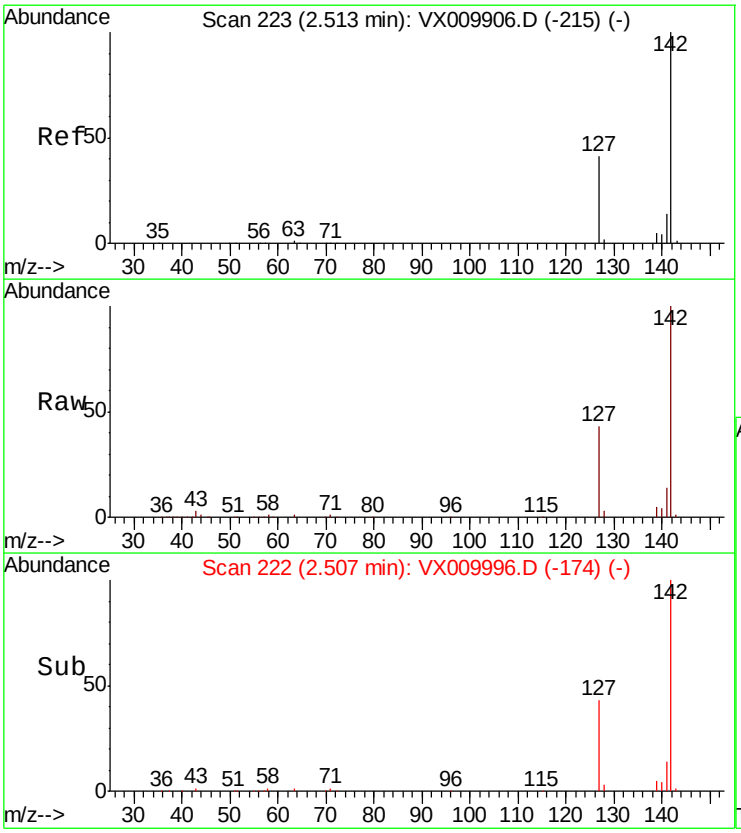

#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.481 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.01 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion:101 Resp: 76835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.8 | 35.2 | 52.8 |
| 151 | 79.0 | 61.9 | 92.9 |

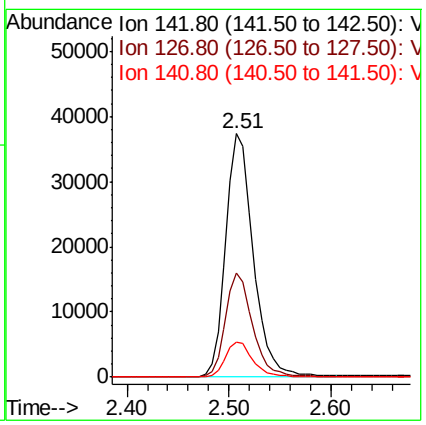


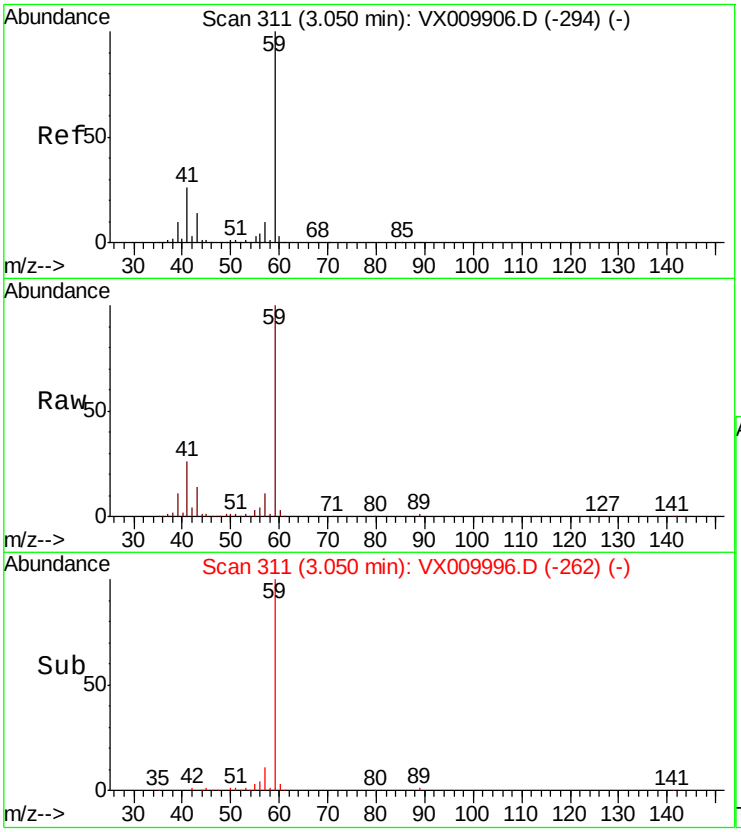




#10
Methyl Iodide
Concen: 36.988 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.01 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion:142 Resp: 69967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 41.9 | 33.0 | 49.4 |
| 141 | 14.4 | 11.4 | 17.0 |



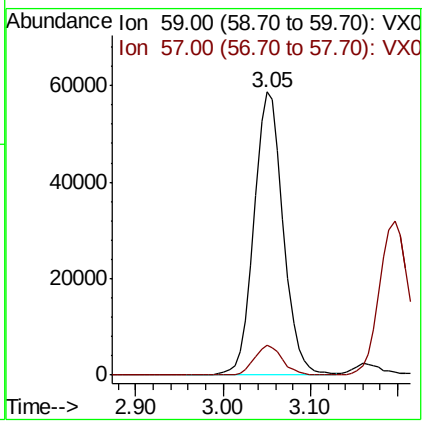


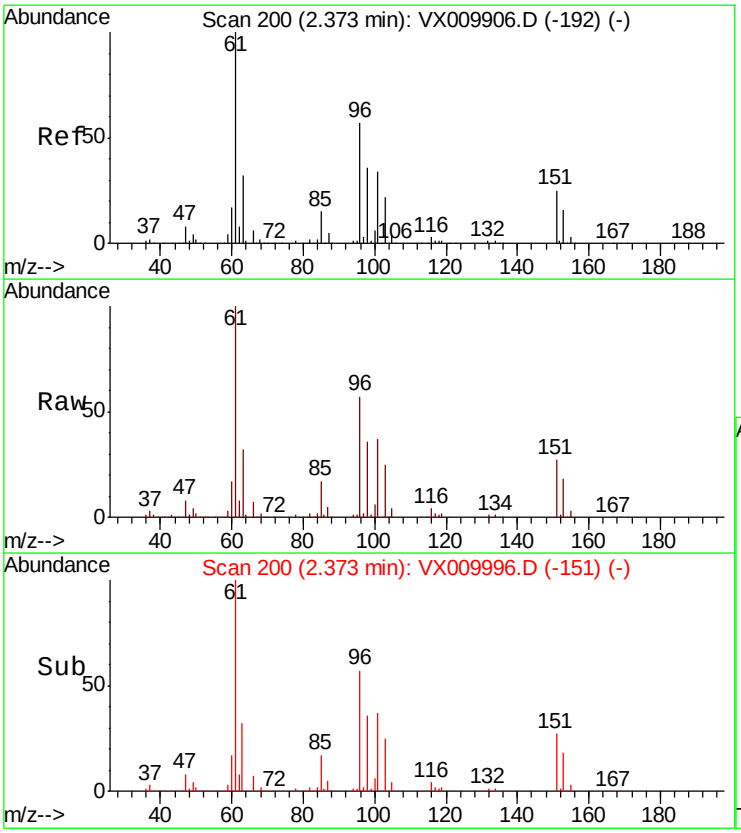

#11
Tert butyl alcohol
Concen: 243.716 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 59 Resp: 135905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.2 | 8.2 | 12.2 |

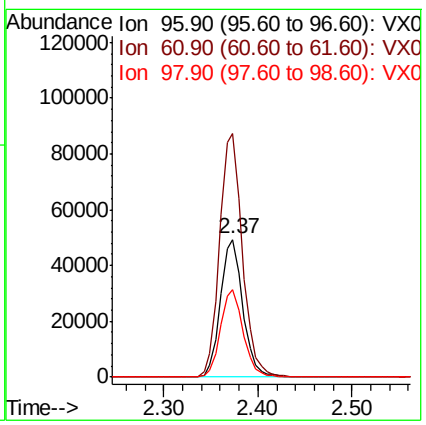


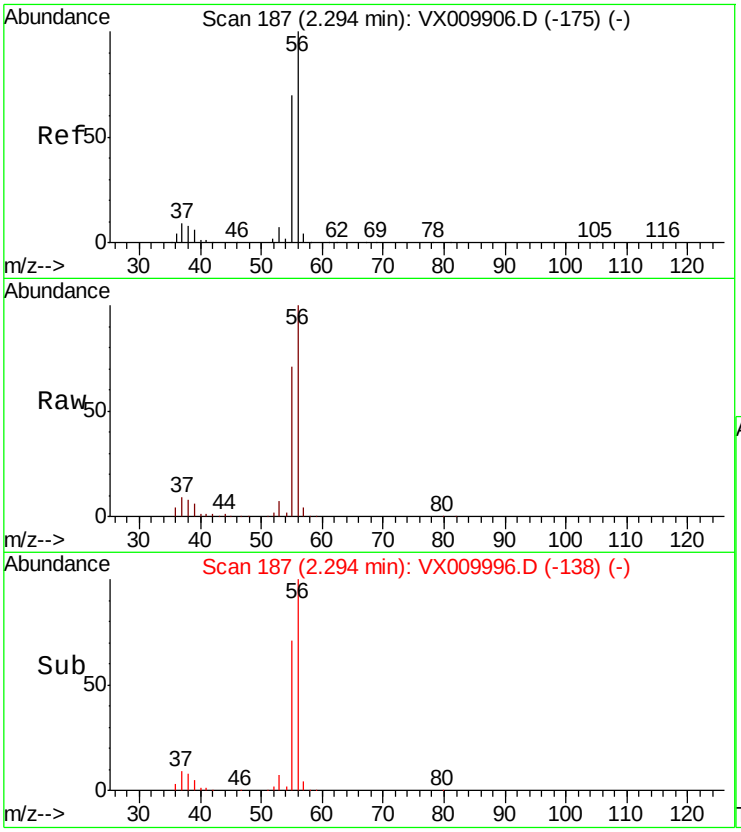




#12
1,1-Dichloroethene
Concen: 50.068 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 96 Resp: 81336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 176.6 | 140.7 | 211.1 |
| 98 | 63.7 | 50.1 | 75.1 |



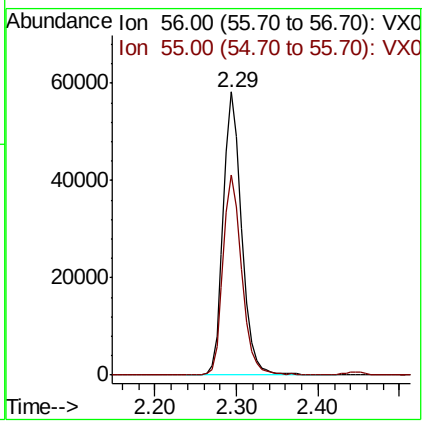


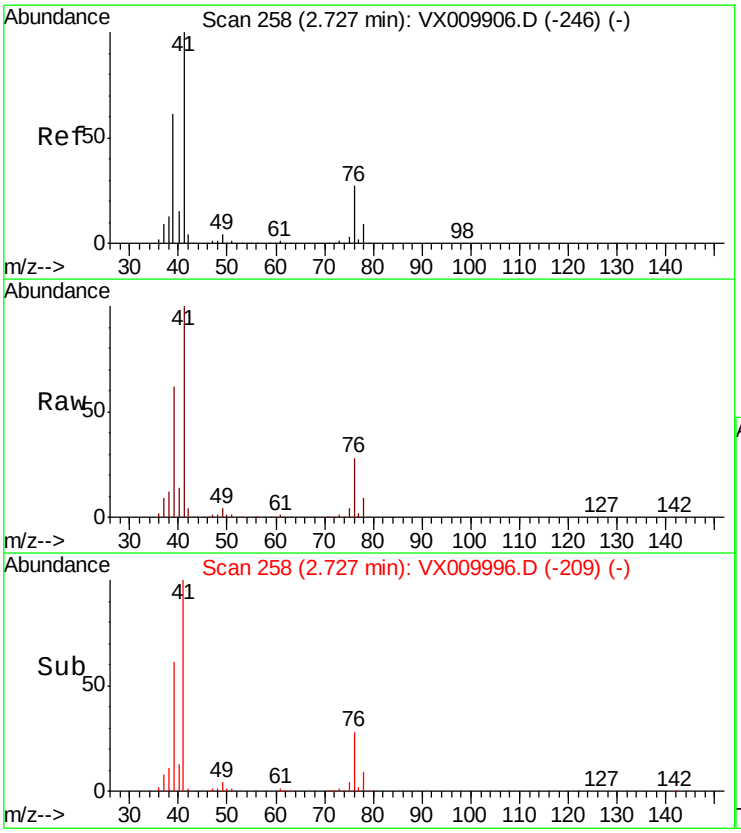

#13
Acrolein
Concen: 232.695 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 56 Resp: 91347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.2 | 57.0 | 85.4 |

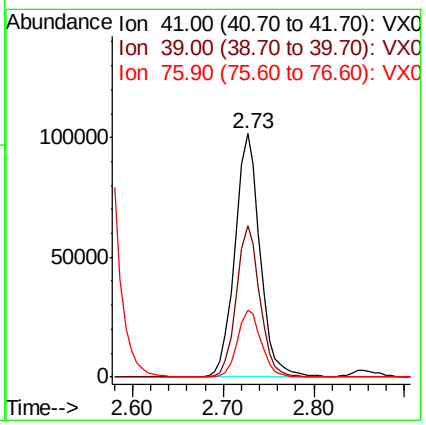


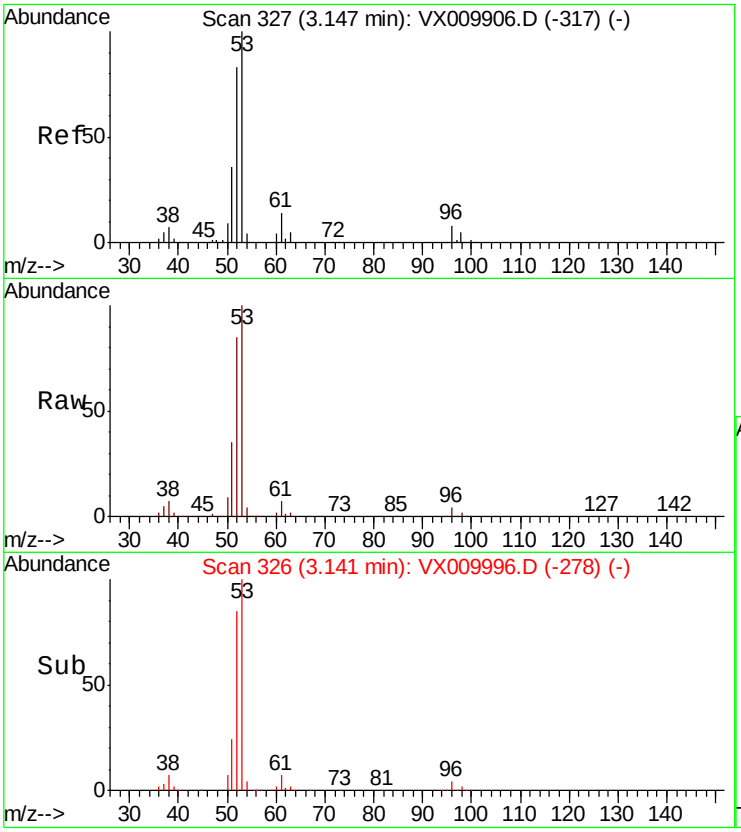




#14
Allyl chloride
Concen: 49.631 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 41 Resp: 195962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 58.4 | 46.7 | 70.1 |
| 76 | 25.9 | 21.0 | 31.4 |



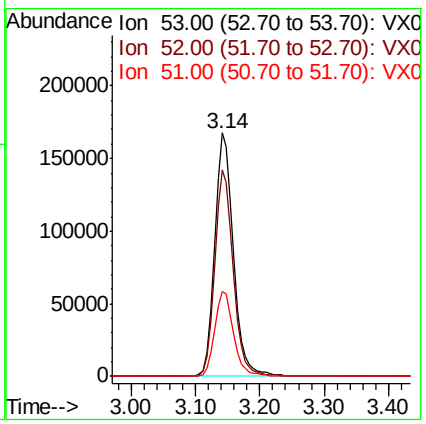


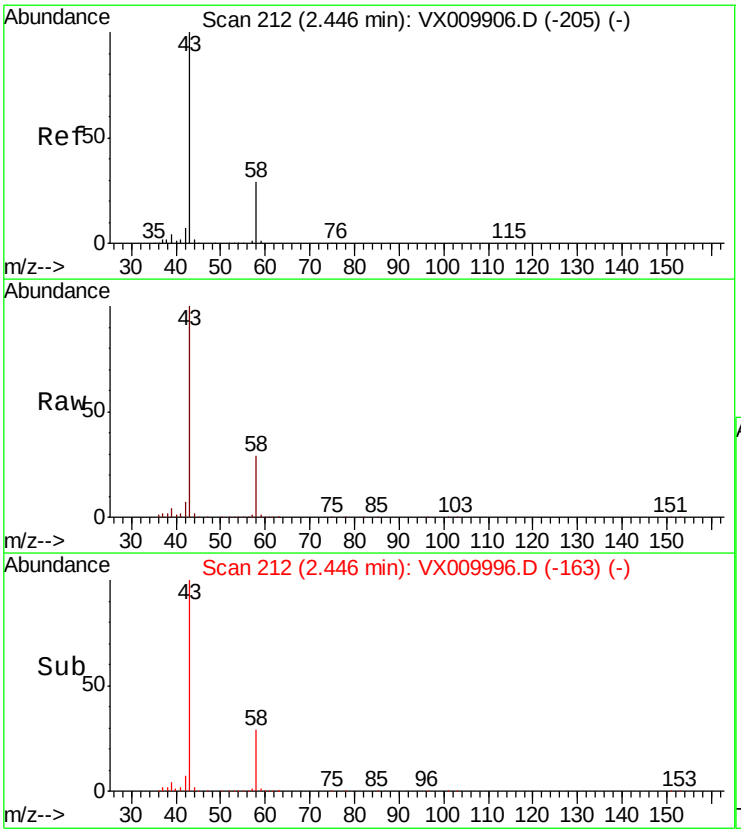

#15
Acrylonitrile
Concen: 255.020 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.01 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 53 Resp: 342648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 84.1 | 66.7 | 100.1 |
| 51 | 35.6 | 28.8 | 43.2 |

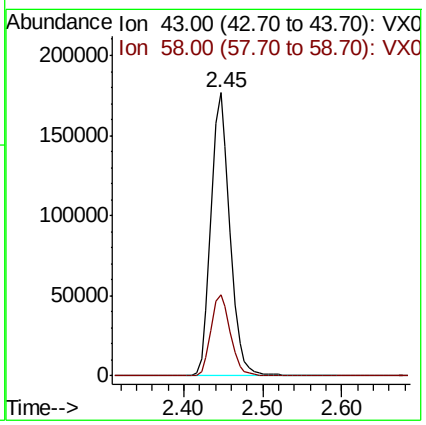


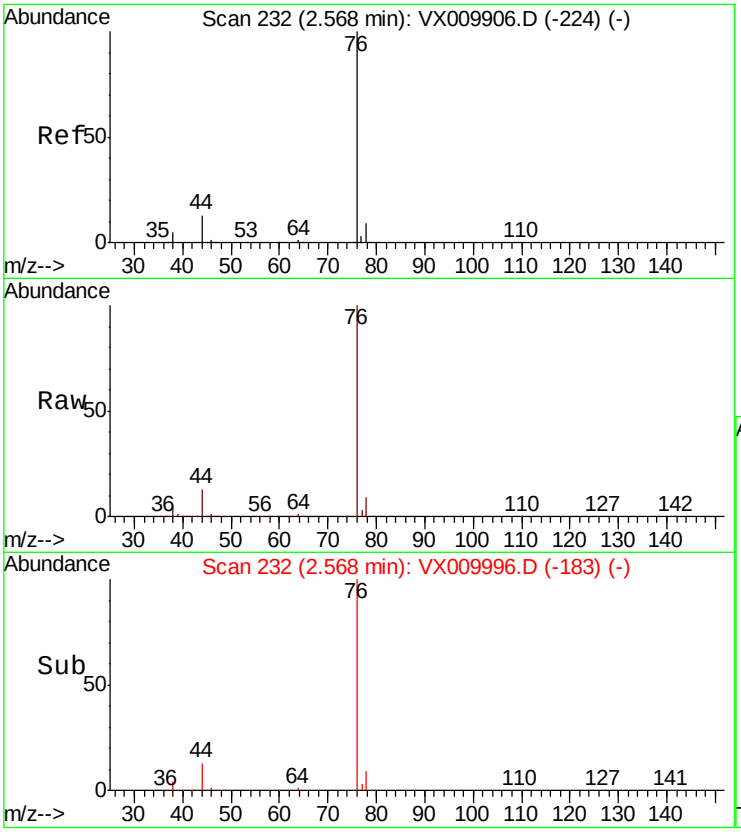




#16
Acetone
Concen: 226.107 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 43 Resp: 296016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.8 | 23.2 | 34.8 |



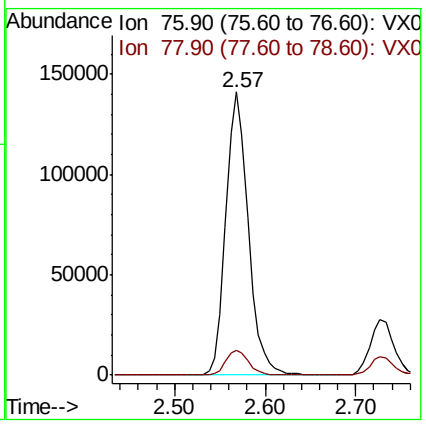


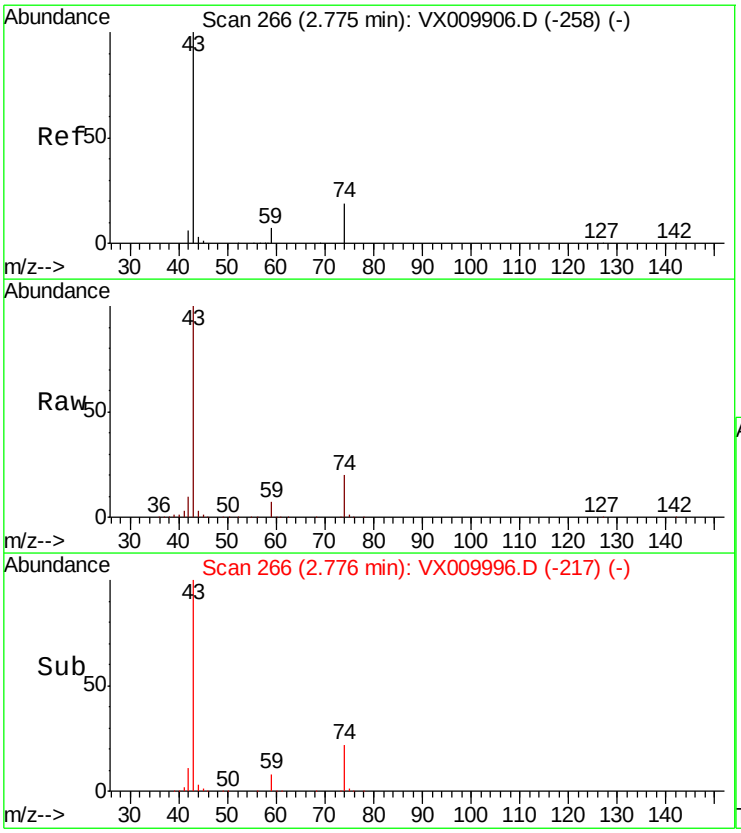

#17
Carbon Disulfide
Concen: 49.359 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 76 Resp: 242770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.0 | 7.0 | 10.6 |

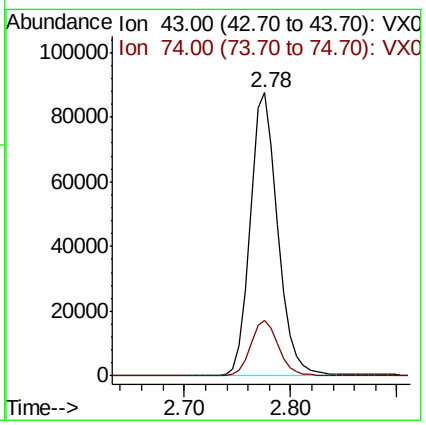


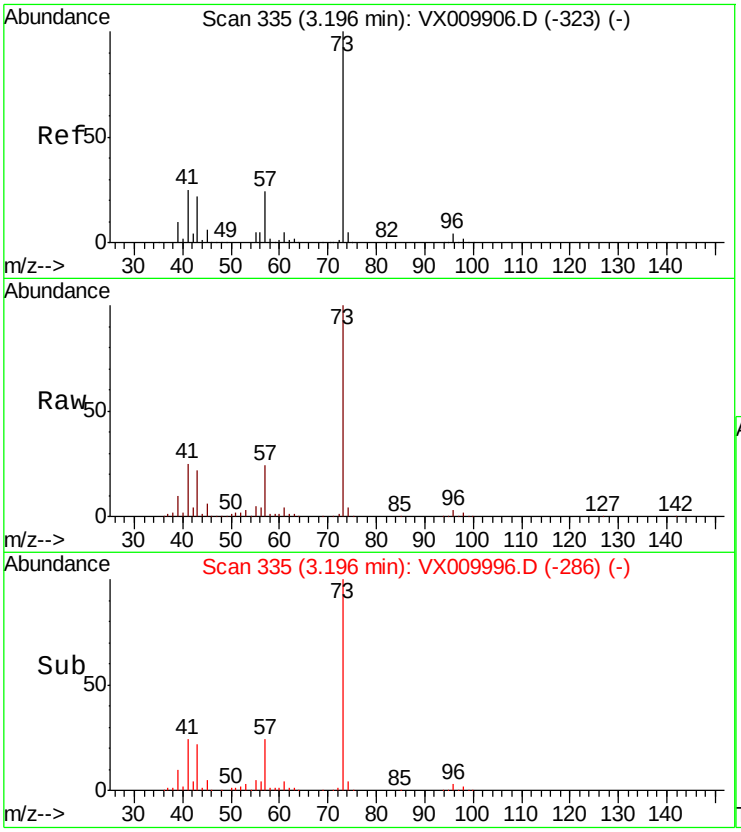




#18
Methyl Acetate
Concen: 51.825 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 43 Resp: 157874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 20.4 | 15.8 | 23.6 |



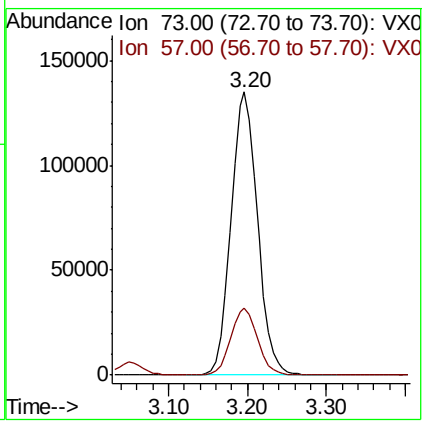


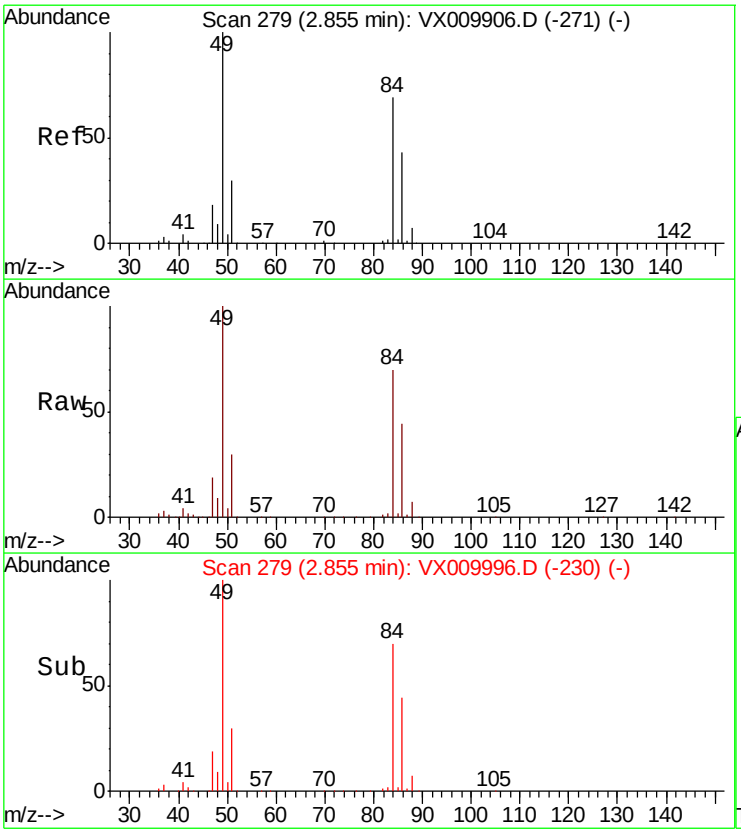

#19
Methyl tert-butyl Ether
Concen: 51.440 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 73 Resp: 315490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 23.7 | 19.4 | 29.2 |

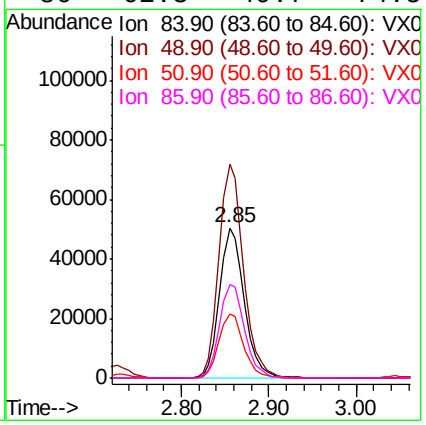


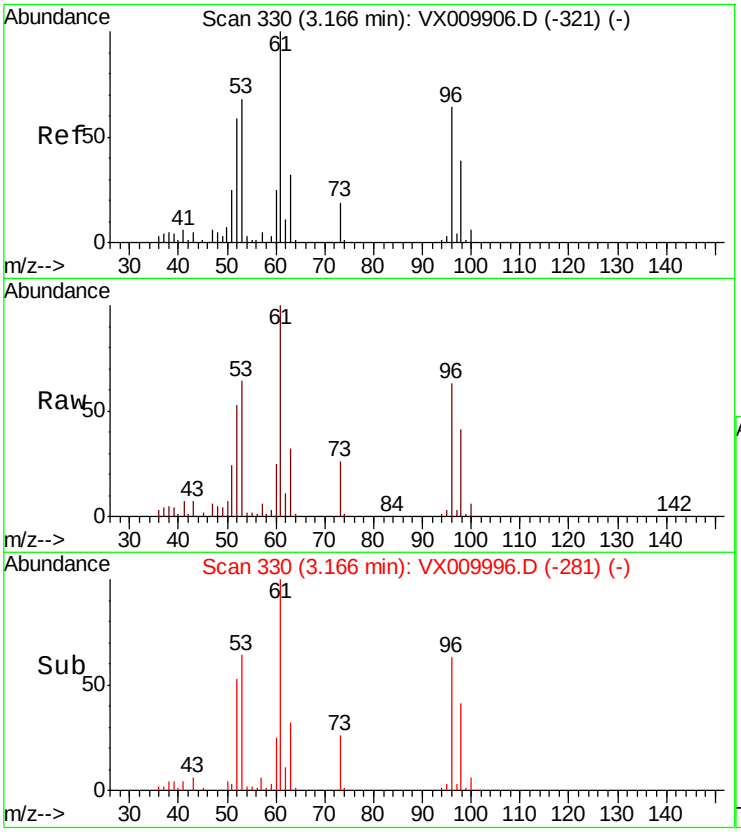




#20
Methylene Chloride
Concen: 49.058 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 84 Resp: 98354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 142.3 | 115.8 | 173.6 |
| 51 | 42.9 | 34.4 | 51.6 |
| 86 | 62.3 | 49.7 | 74.5 |



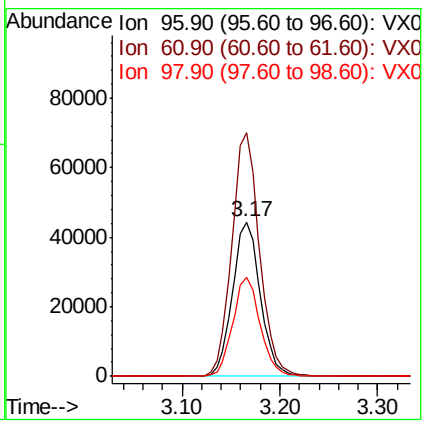


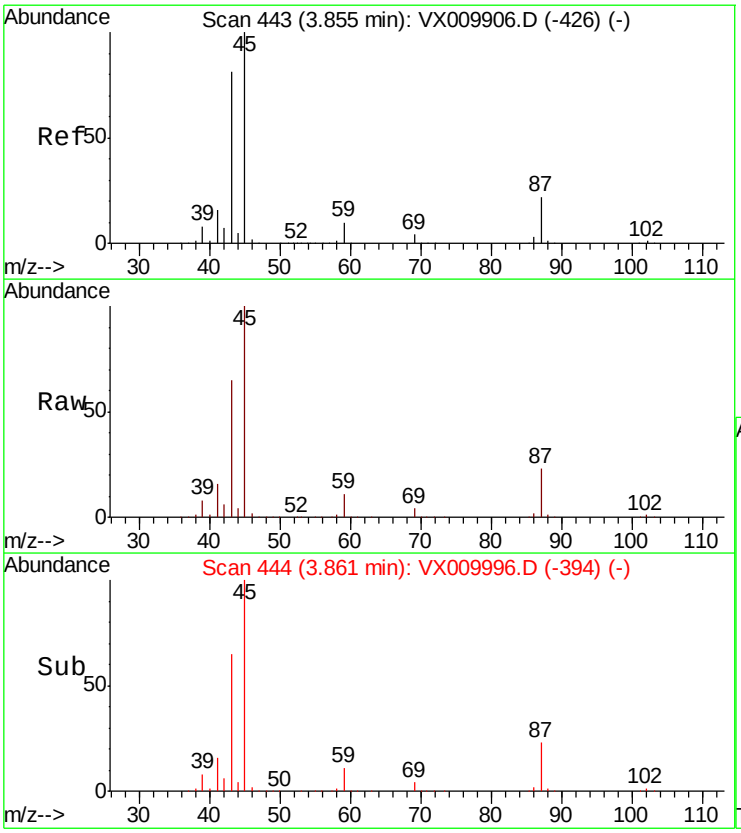

#21
trans-1,2-Dichloroethene
Concen: 48.455 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 96 Resp: 87584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 157.8 | 125.7 | 188.5 |
| 98 | 64.1 | 49.0 | 73.6 |

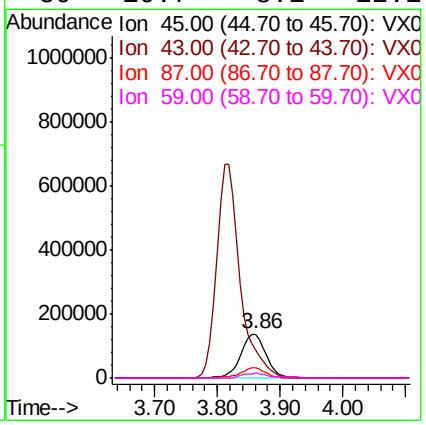


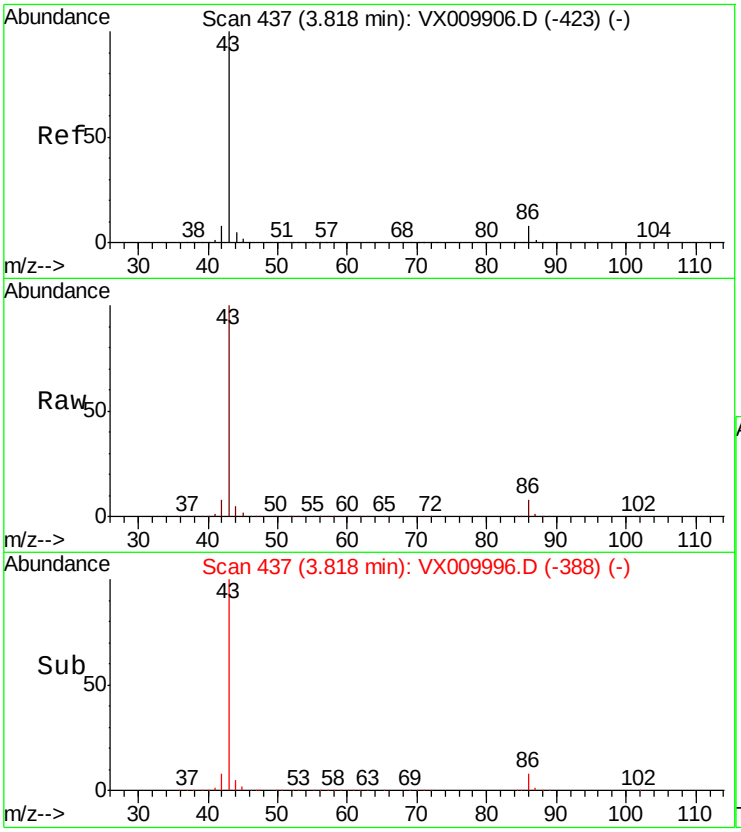




#22
Diisopropyl ether
Concen: 51.223 ug/l
RT: 3.86 min Scan# 444
Delta R.T. 0.01 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 45 Resp: 384809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 64.7 | 65.0 | 97.4# |
| 87 | 22.8 | 17.3 | 25.9 |
| 59 | 10.7 | 8.1 | 12.1 |



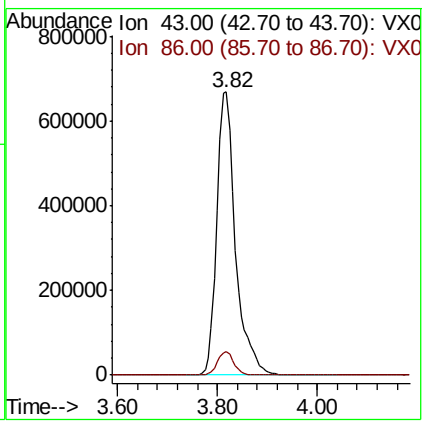


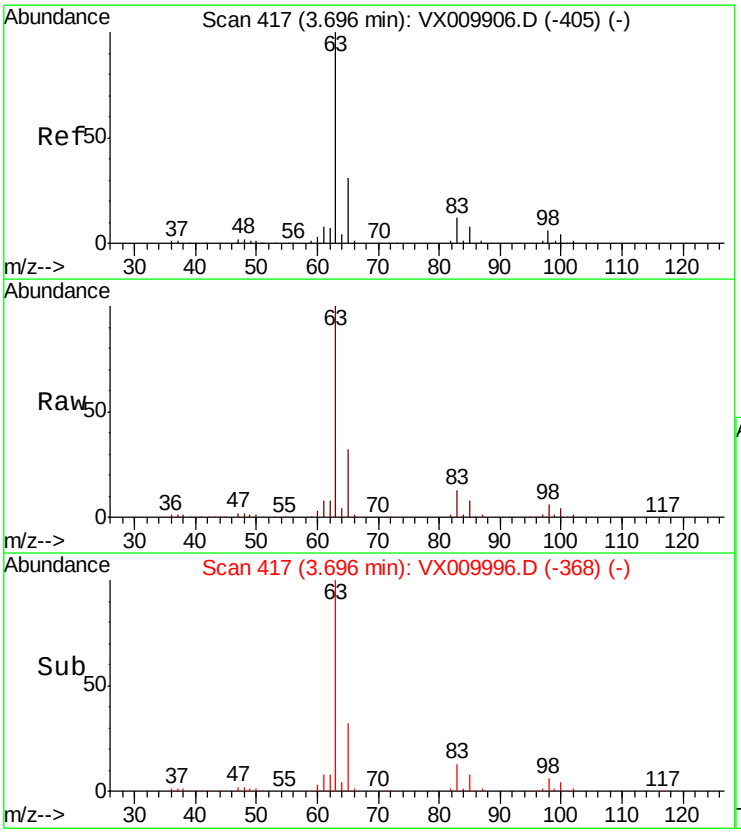

#23
Vinyl Acetate
Concen: 257.189 ug/l
RT: 3.82 min Scan# 437
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 43 Resp: 1735729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 8.4 | 6.5 | 9.7 |

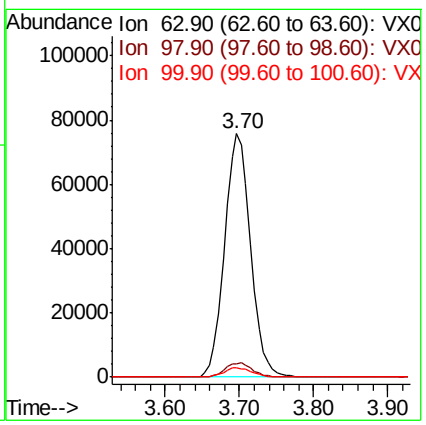


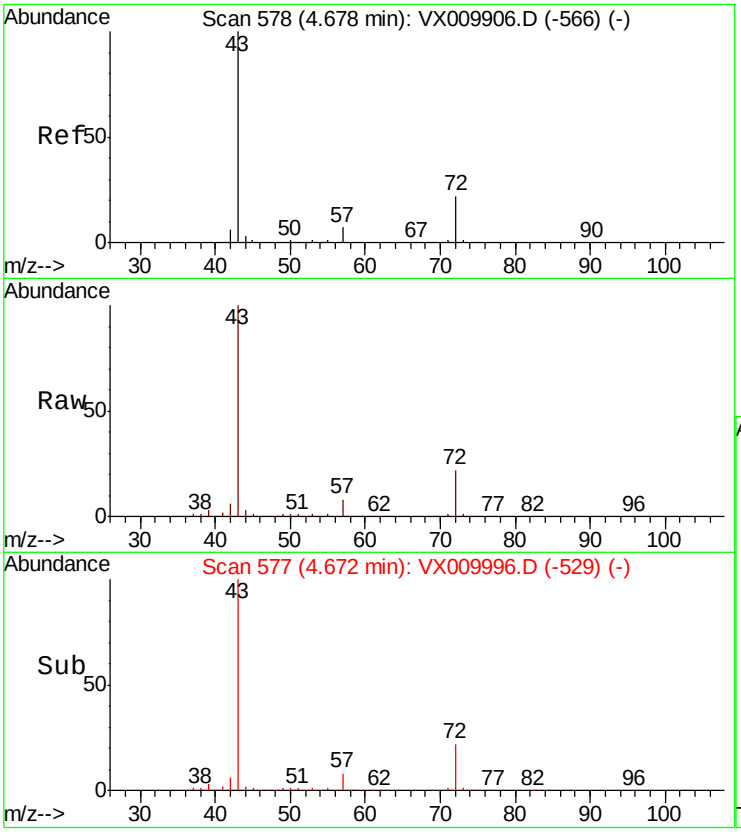




#24
1,1-Dichloroethane
Concen: 50.622 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 63 Resp: 184298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 5.6 | 2.9 | 8.8 |
| 100 | 4.1 | 1.8 | 5.4 |



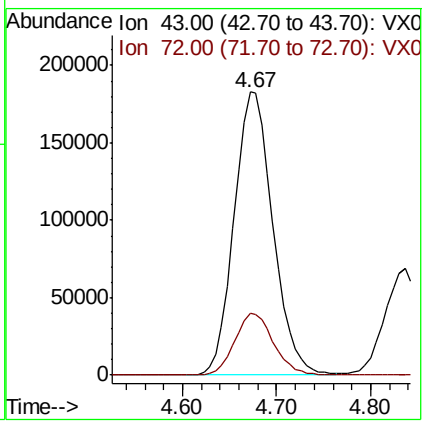


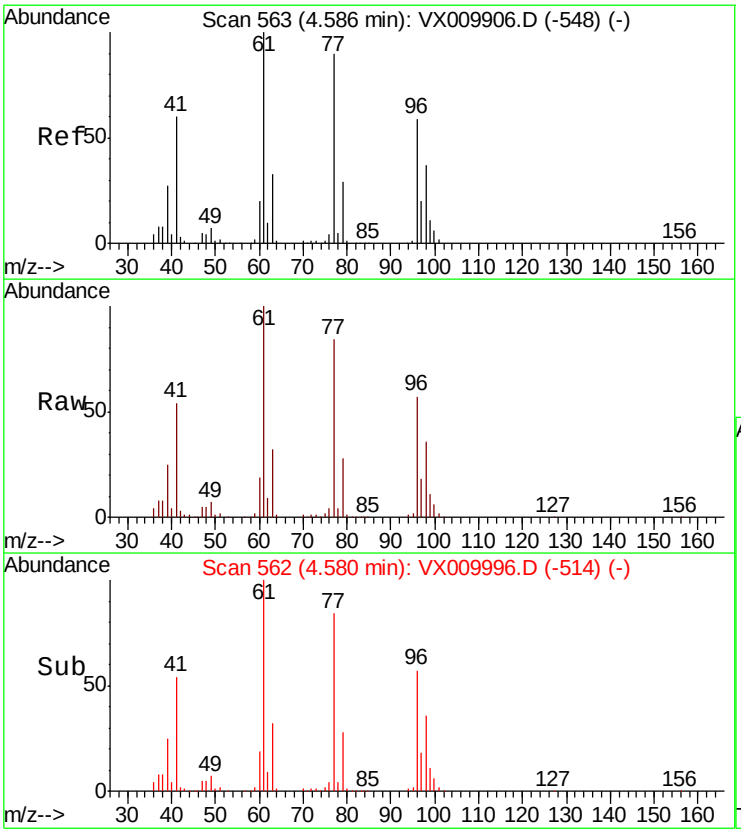

#25
2-Butanone
Concen: 256.850 ug/l
RT: 4.67 min Scan# 577
Delta R.T. -0.01 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 43 Resp: 523895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 21.8 | 17.5 | 26.3 |

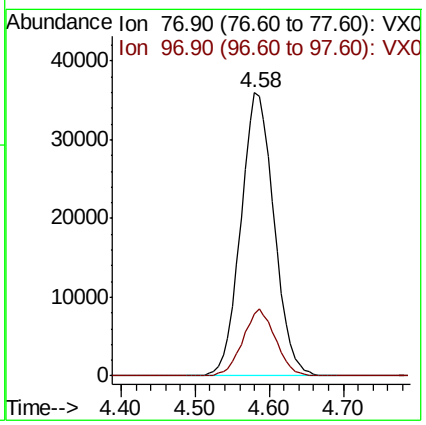


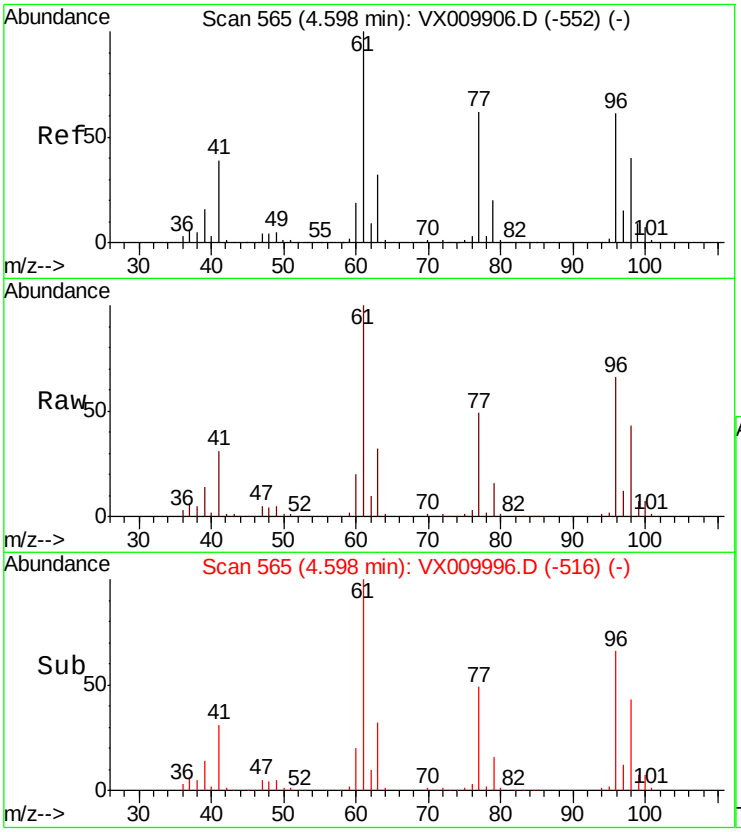




#26
2,2-Dichloropropane
Concen: 40.954 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.01 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 77 Resp: 112788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 23.1 | 11.4 | 34.2 |



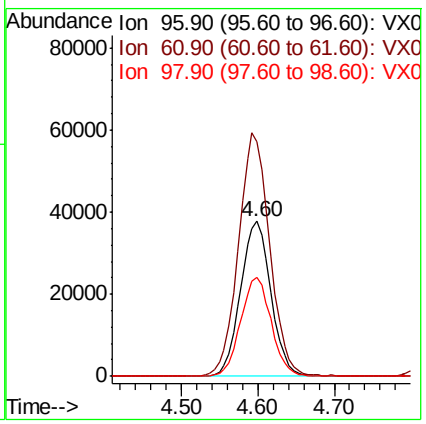


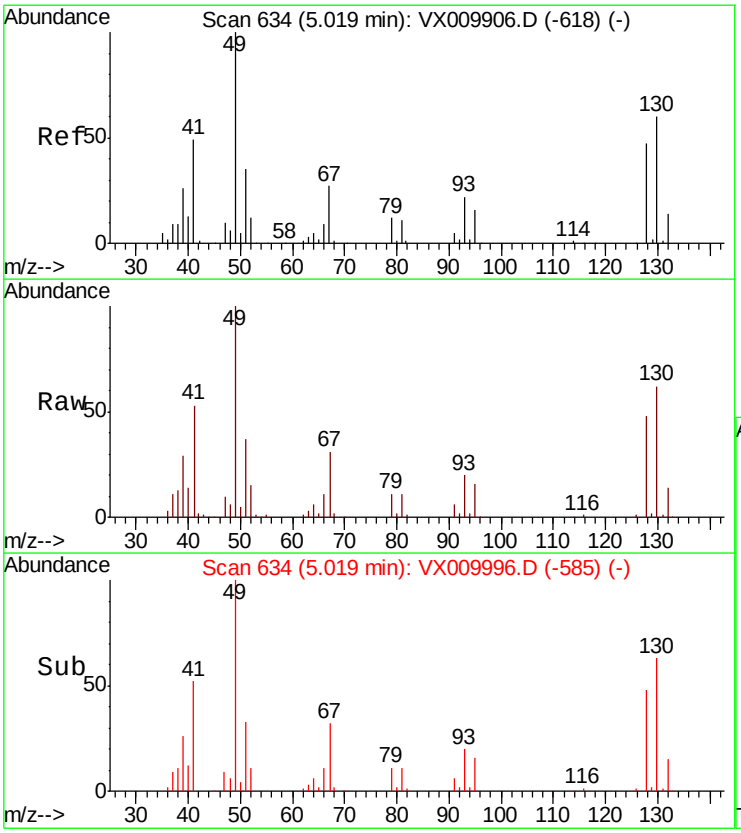

#27
cis-1,2-Dichloroethene
Concen: 50.056 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 96 Resp: 104442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 161.0 | 0.0 | 334.0 |
| 98 | 64.2 | 0.0 | 131.6 |

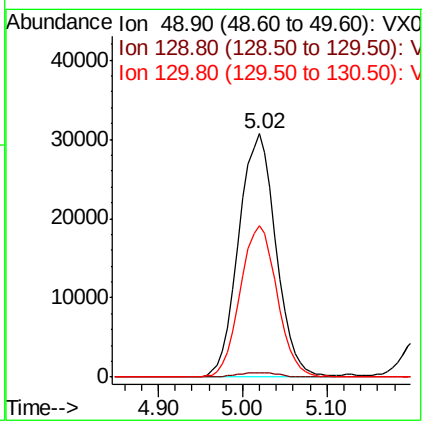


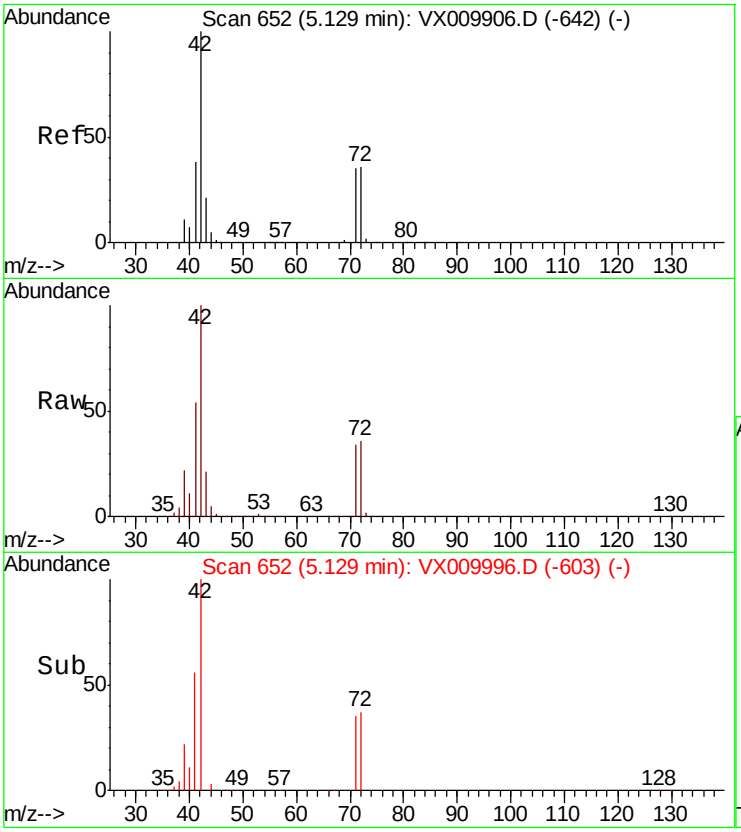




#28
Bromochloromethane
Concen: 49.000 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 49 Resp: 92573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.8 | 0.0 | 3.4 |
| 130 | 61.5 | 49.4 | 74.2 |



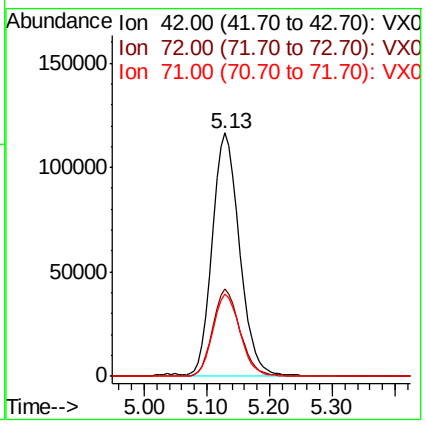


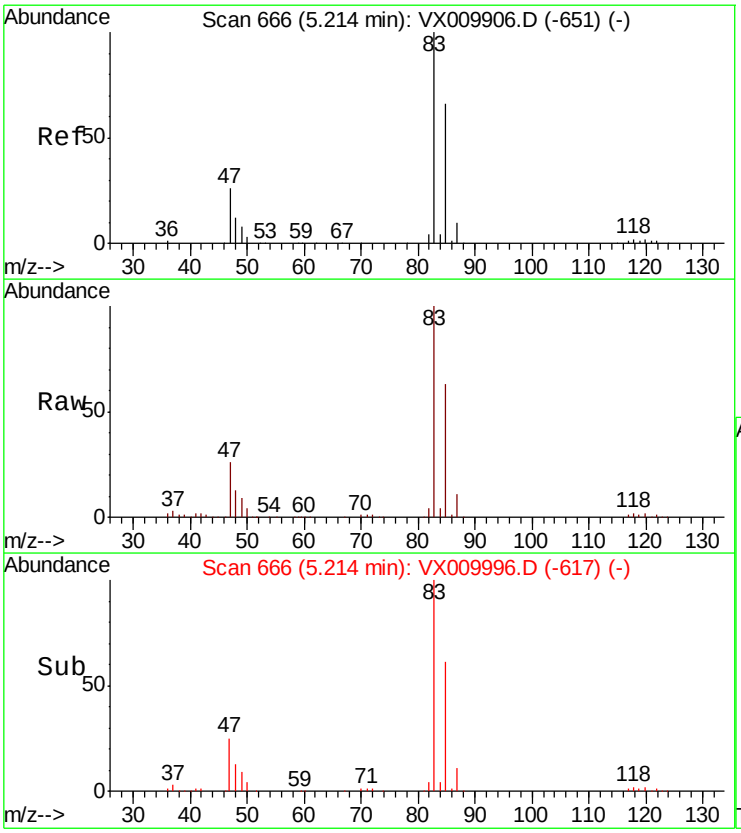

#29
Tetrahydrofuran
Concen: 266.895 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 42 Resp: 349092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 36.0 | 29.2 | 43.8 |
| 71 | 33.9 | 27.6 | 41.4 |

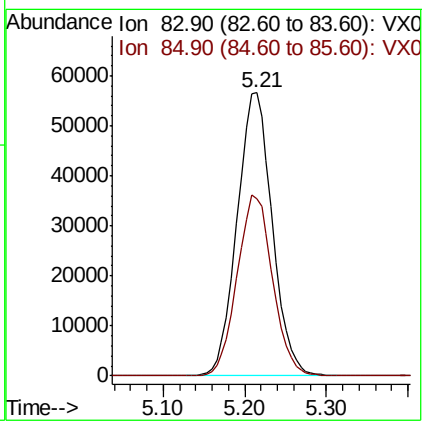


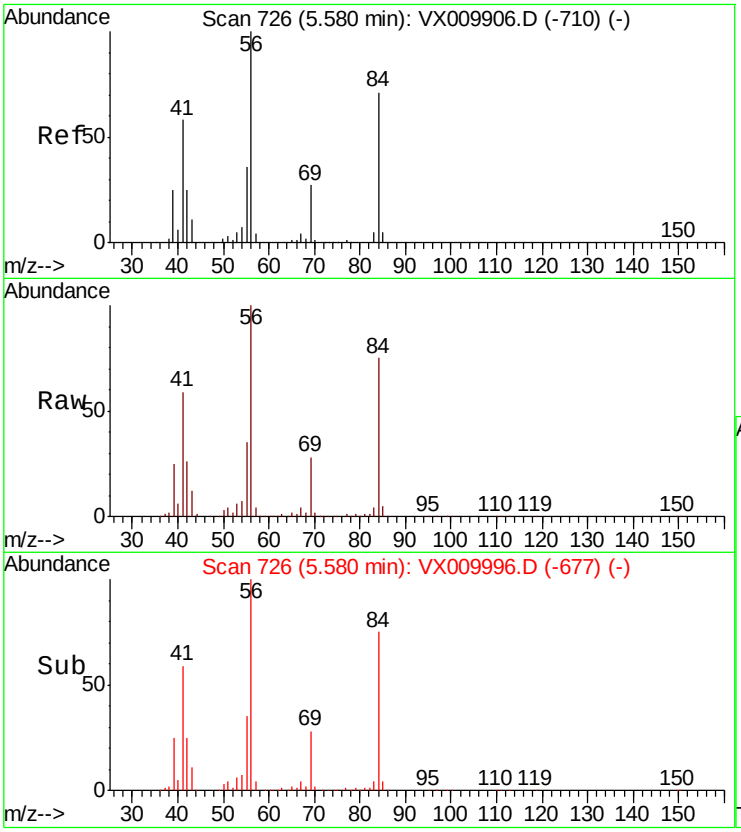




#30
Chloroform
Concen: 51.608 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 83 Resp: 169448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.7 | 52.6 | 78.8 |



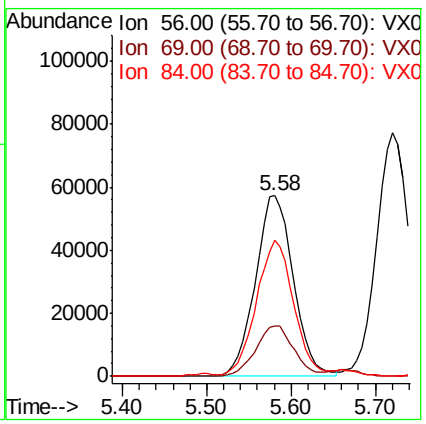


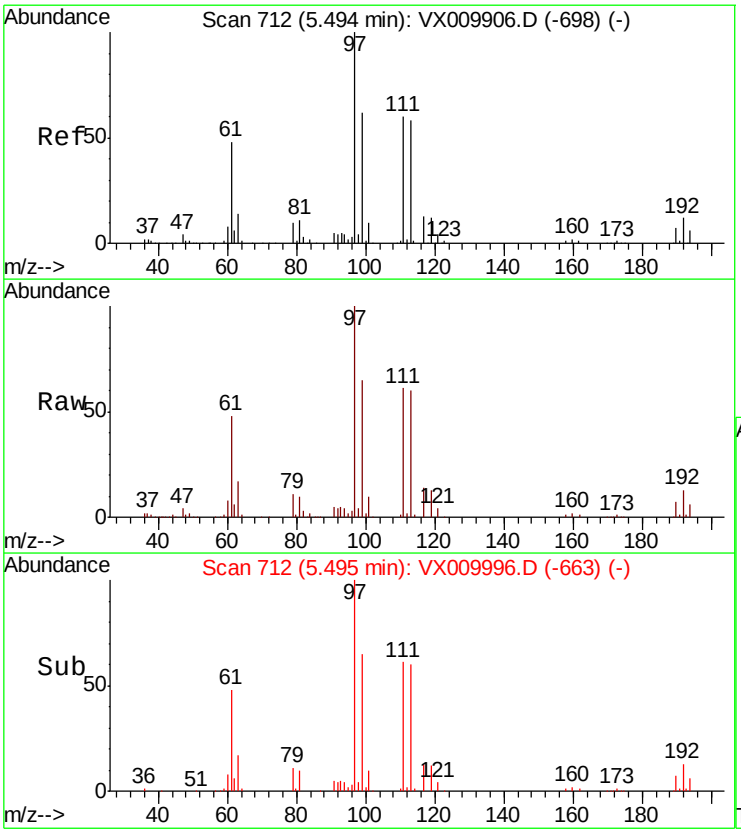

#31
Cyclohexane
Concen: 51.656 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :** MSVOA_X
**ClientSampleId :** LF014MW028-190530MSD

Tgt Ion: 56 Resp: 178120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 28.0 | 21.6 | 32.4 |
| 84 | 74.3 | 56.8 | 85.2 |

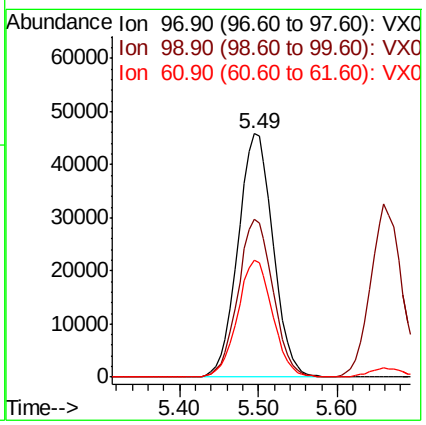


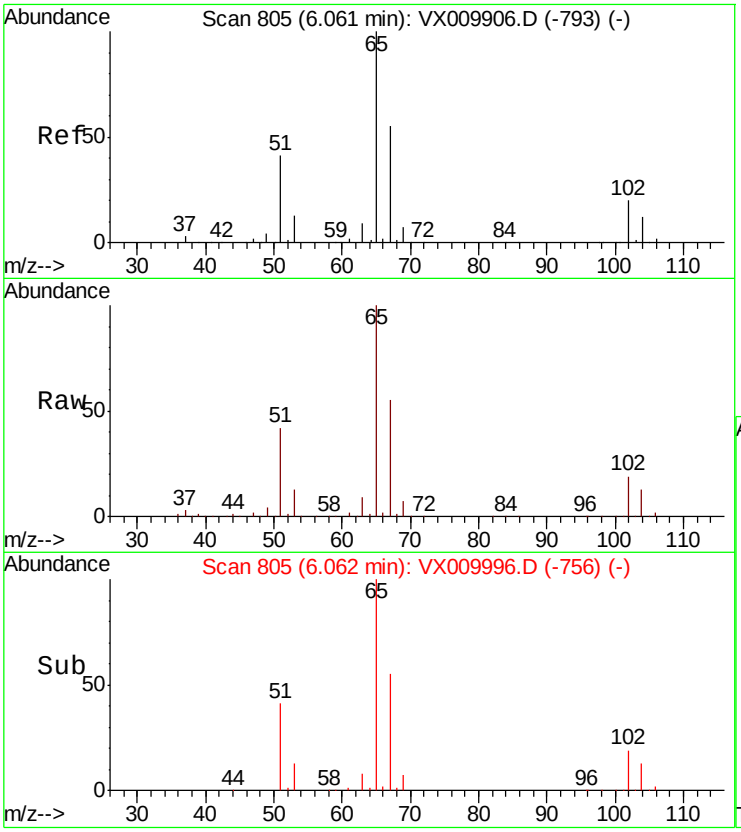




#32
1,1,1-Trichloroethane
Concen: 53.012 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 97 Resp: 141755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.6 | 51.0 | 76.4 |
| 61 | 48.0 | 38.7 | 58.1 |



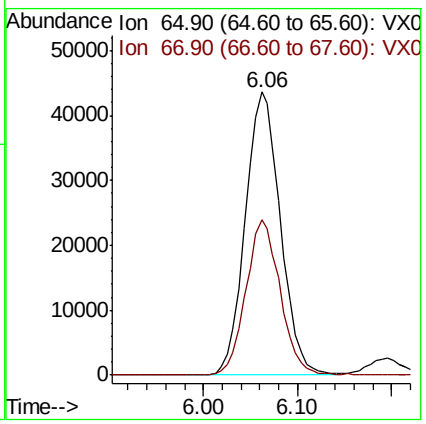


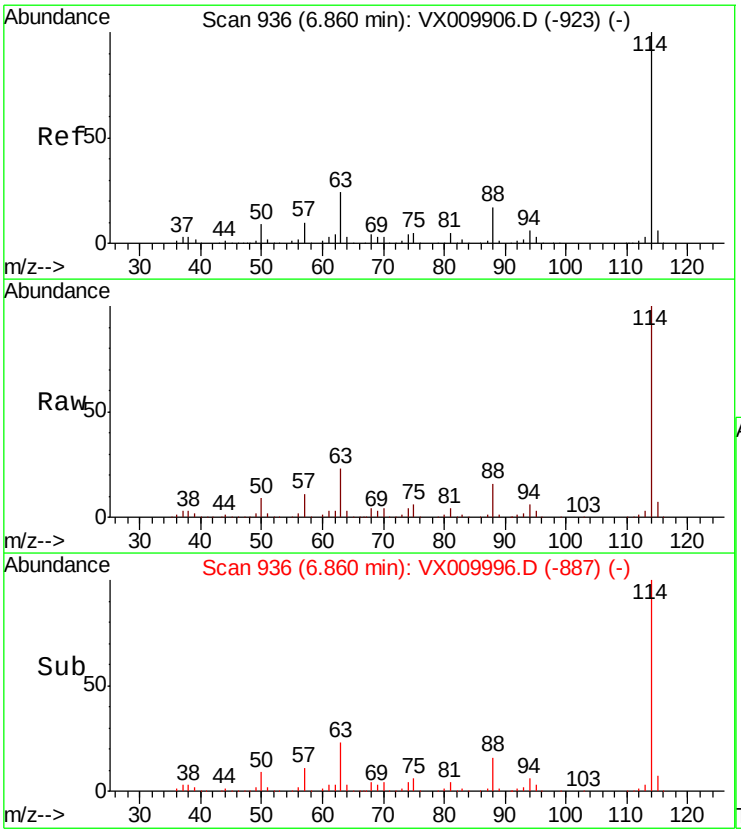

#33
1,2-Dichloroethane-d4
Concen: 50.360 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 65 Resp: 114110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.4 | 0.0 | 108.4 |

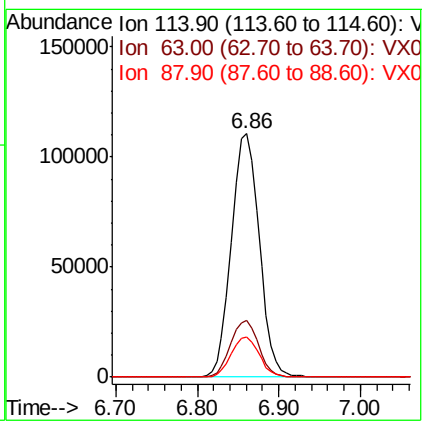


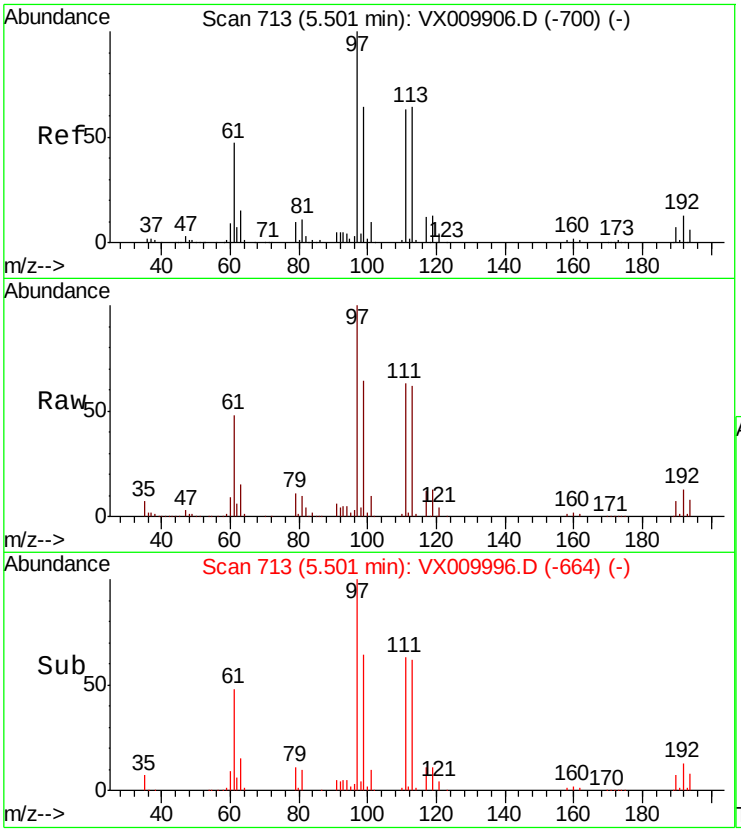




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion:114 Resp: 262240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.5 | 0.0 | 47.4 |
| 88 | 16.4 | 0.0 | 33.0 |



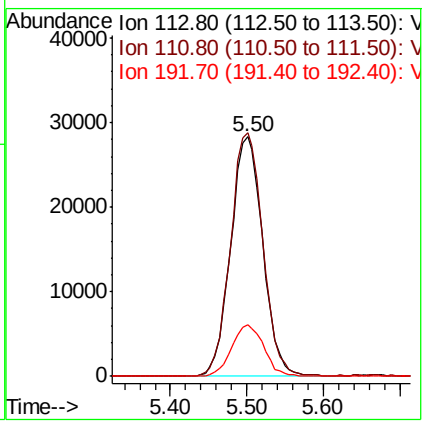


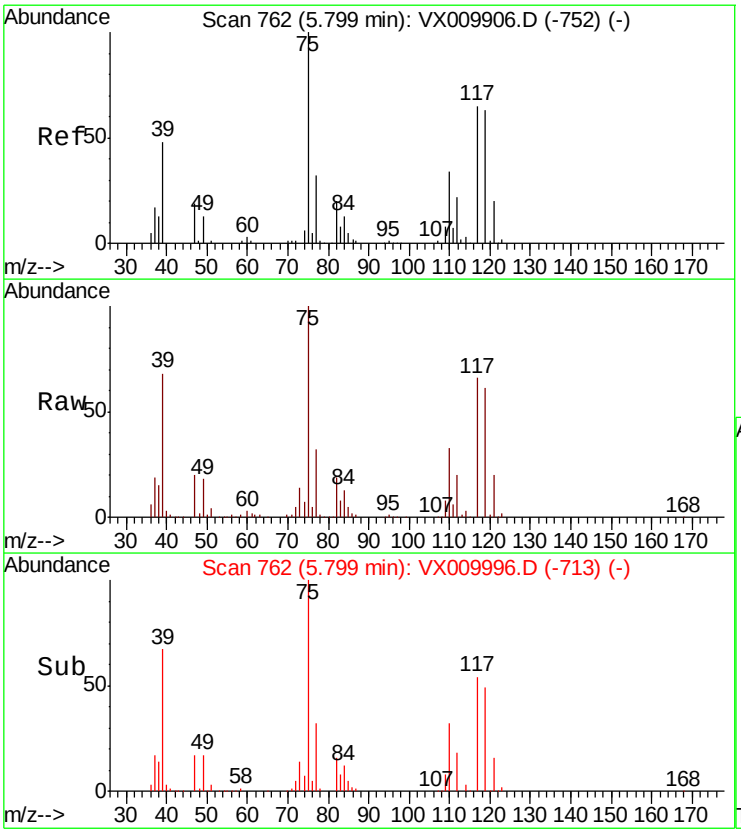

#35
Dibromofluoromethane
Concen: 50.002 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion:113 Resp: 82439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.3 | 82.2 | 123.2 |
| 192 | 21.5 | 17.1 | 25.7 |

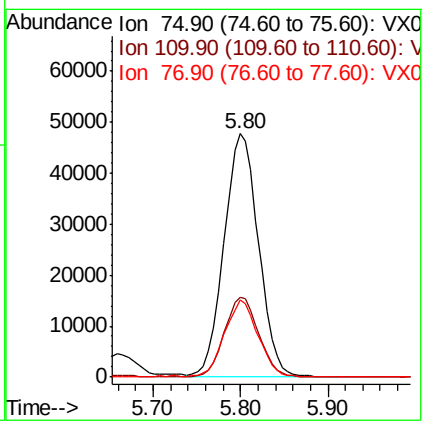


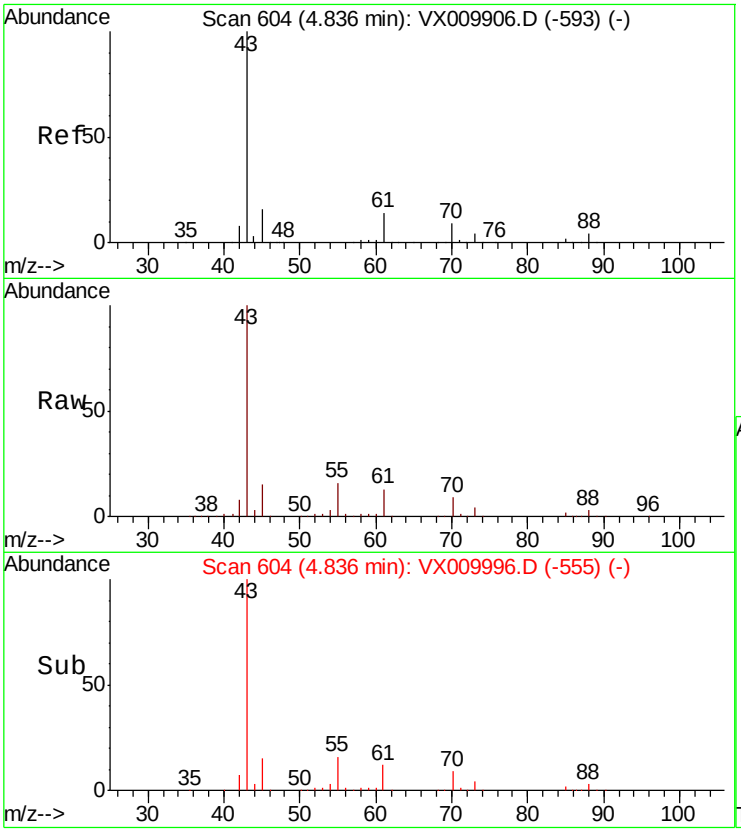




#36
1,1-Dichloropropene
Concen: 49.002 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 75 Resp: 130382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 33.0 | 16.7 | 50.1 |
| 77 | 31.1 | 25.0 | 37.4 |



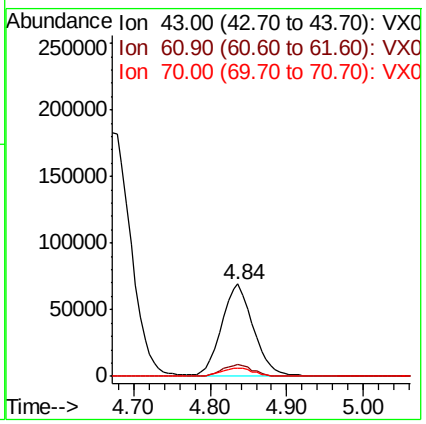


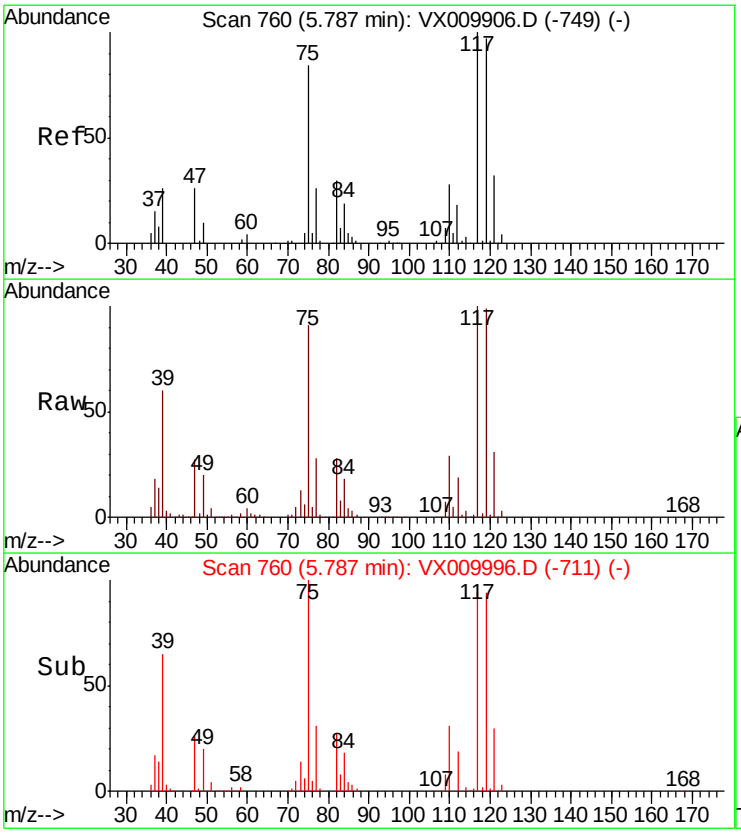

#37
Ethyl Acetate
Concen: 53.489 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 43 Resp: 198303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 12.6 | 10.2 | 15.2 |
| 70 | 9.2 | 7.4 | 11.2 |

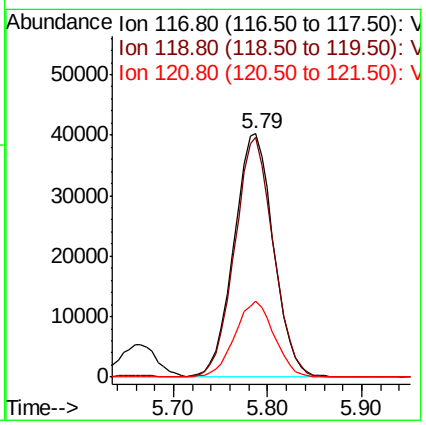


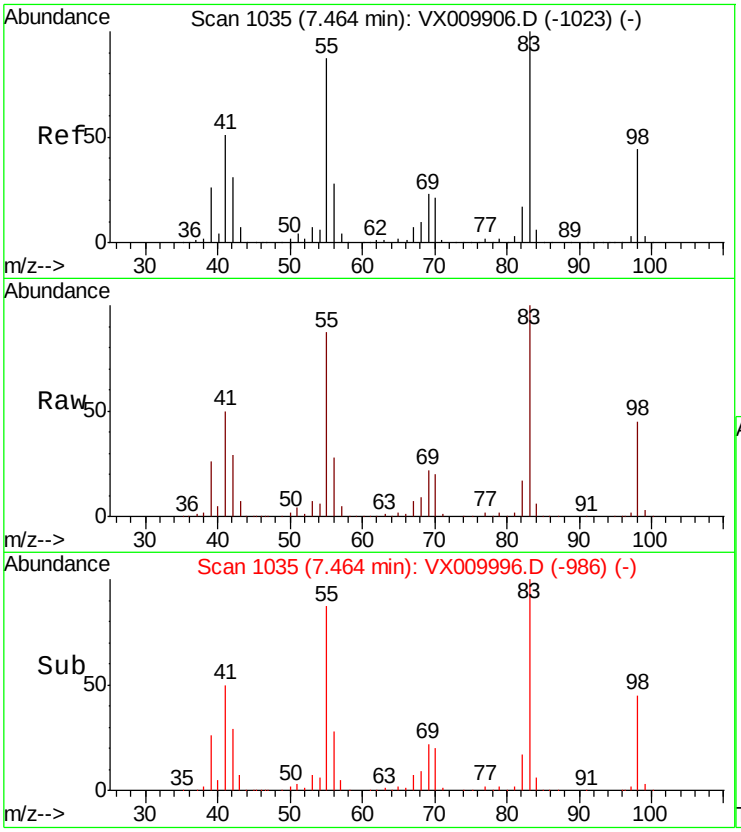




#38
Carbon Tetrachloride
Concen: 51.219 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion:117 Resp: 117765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 98.6 | 77.3 | 115.9 |
| 121 | 31.4 | 25.4 | 38.0 |



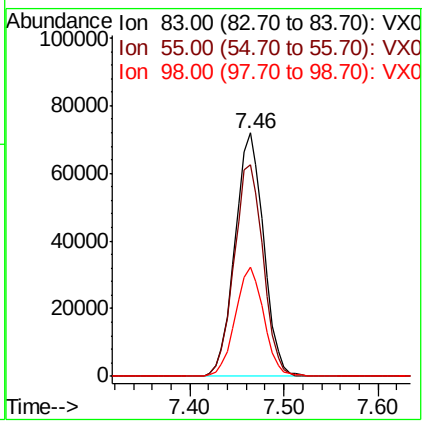


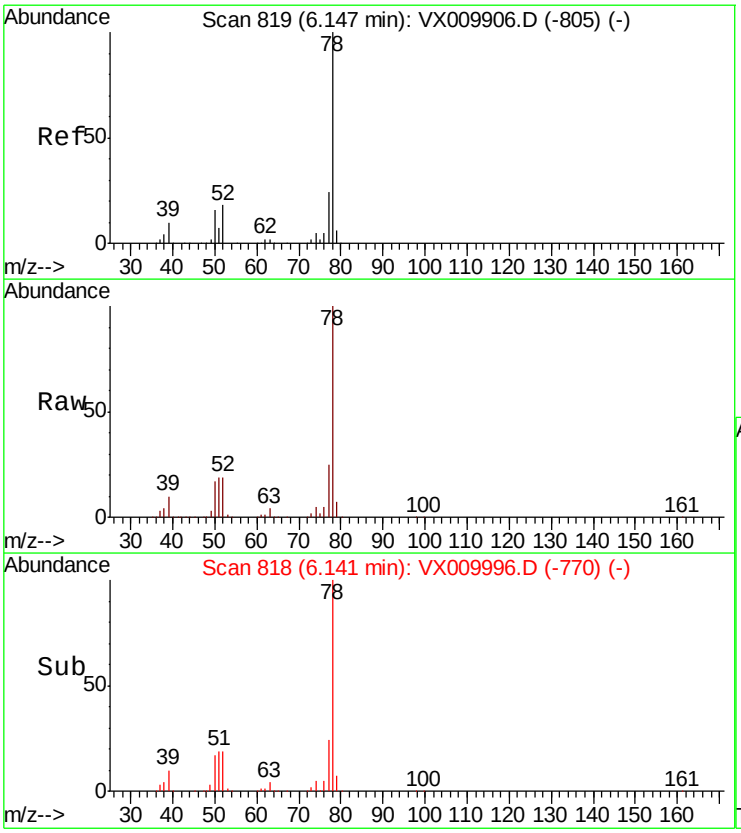

#39
Methylcyclohexane
Concen: 48.600 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 83 Resp: 153388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 87.1 | 69.9 | 104.9 |
| 98 | 45.0 | 35.1 | 52.7 |

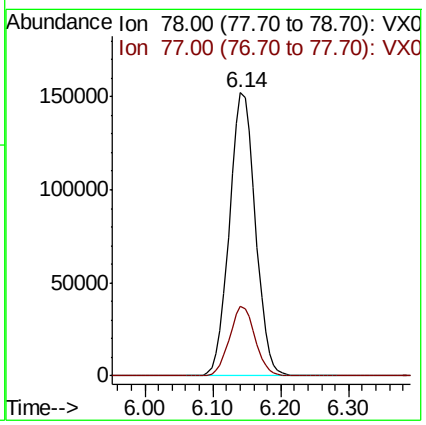


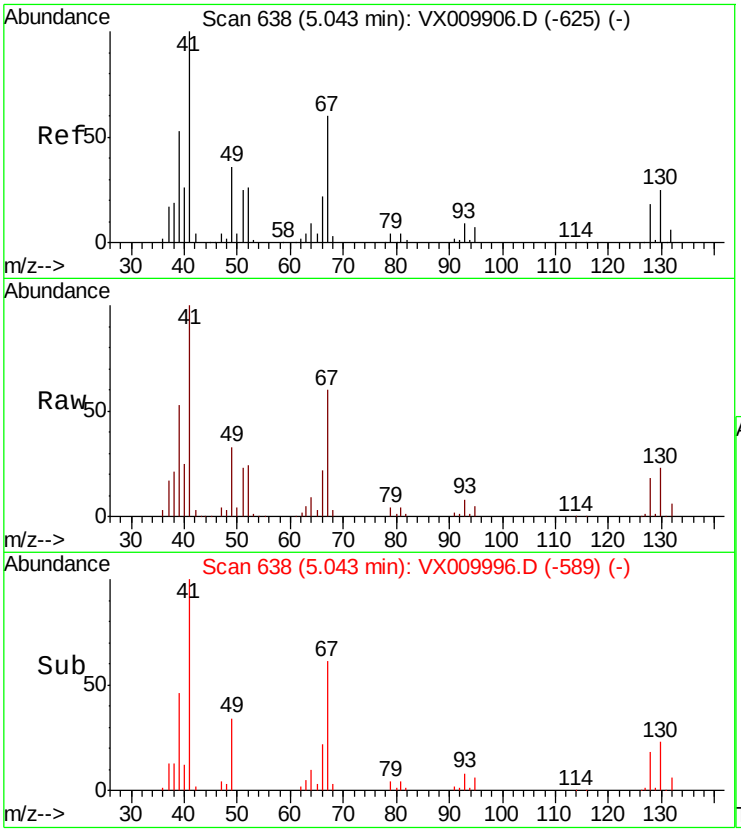




#40
Benzene
Concen: 51.107 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 78 Resp: 403383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.6 | 19.2 | 28.8 |



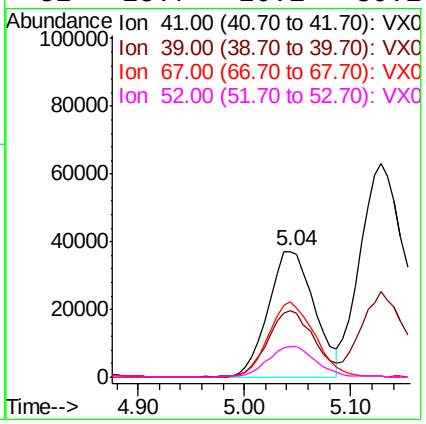


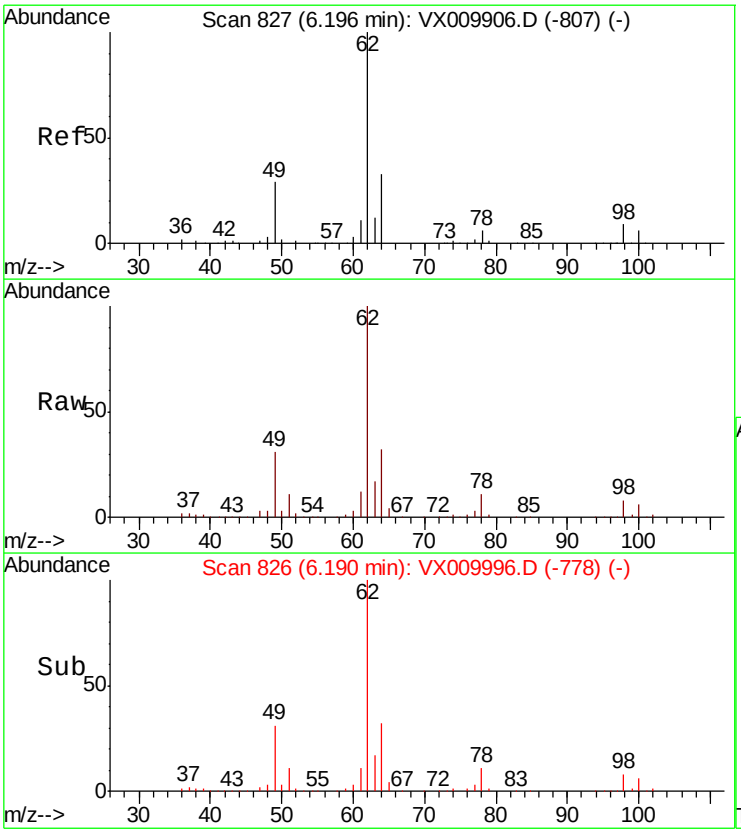

#41
Methacrylonitrile
Concen: 51.779 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 41 Resp: 112171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 52.6 | 42.2 | 63.4 |
| 67 | 60.0 | 48.9 | 73.3 |
| 52 | 25.7 | 20.1 | 30.1 |

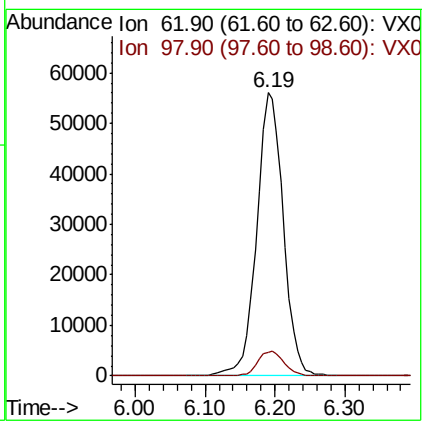


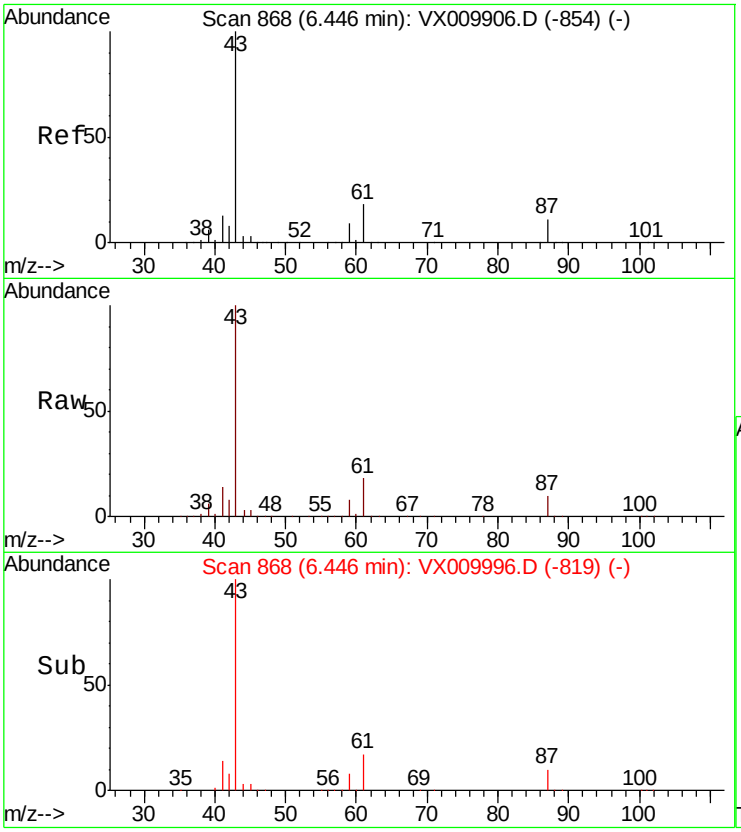




#42
1,2-Dichloroethane
Concen: 50.674 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 62 Resp: 147866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.7 | 0.0 | 17.2 |



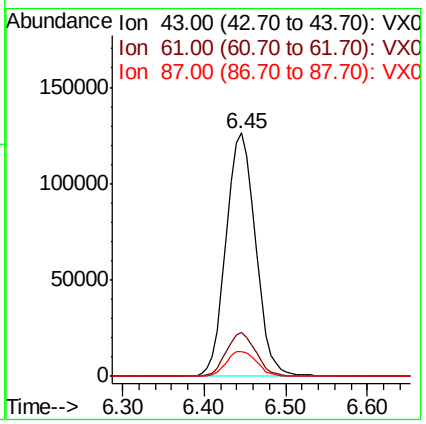


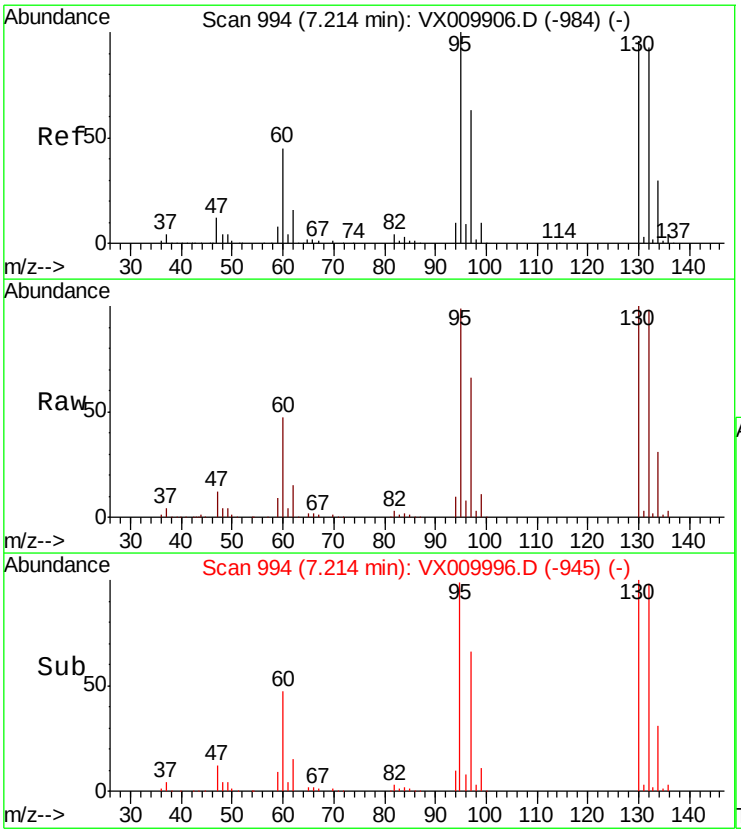

#43
Isopropyl Acetate
Concen: 52.645 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 43 Resp: 314924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.1 | 14.6 | 21.8 |
| 87 | 10.8 | 8.7 | 13.1 |

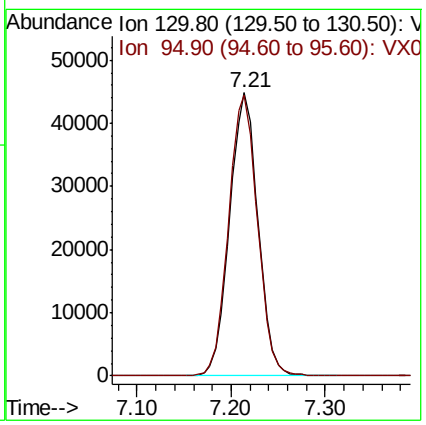


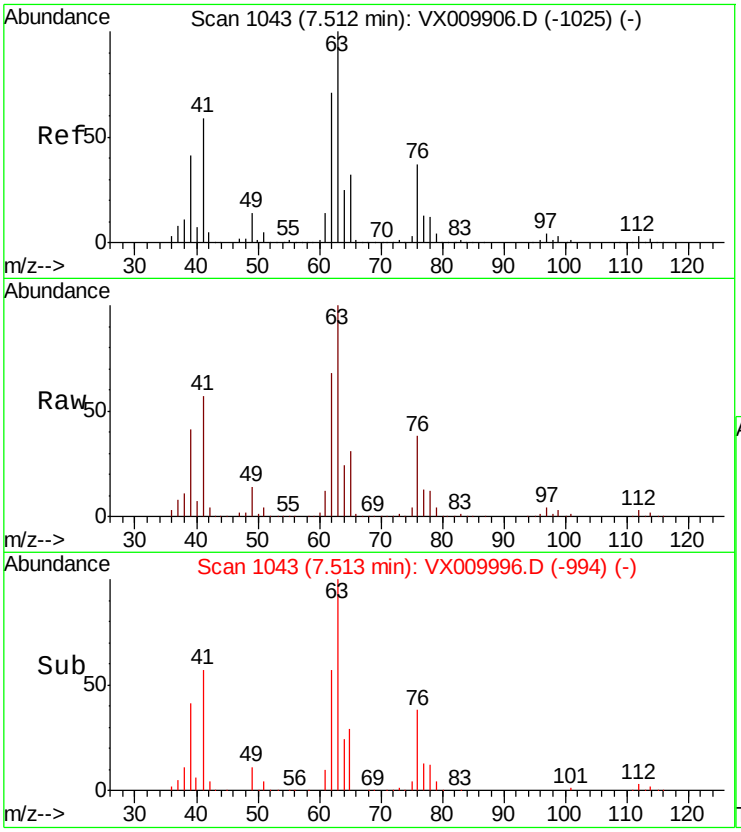




#44
Trichloroethene
Concen: 49.073 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion:130 Resp: 94083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 99.4 | 0.0 | 207.4 |



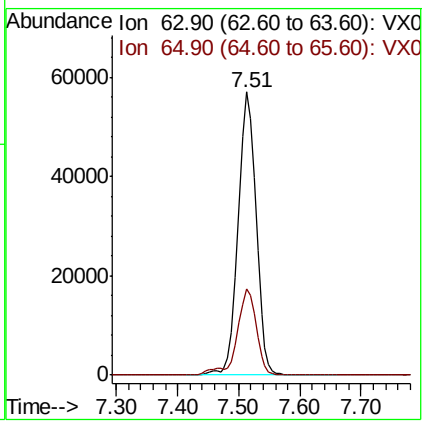


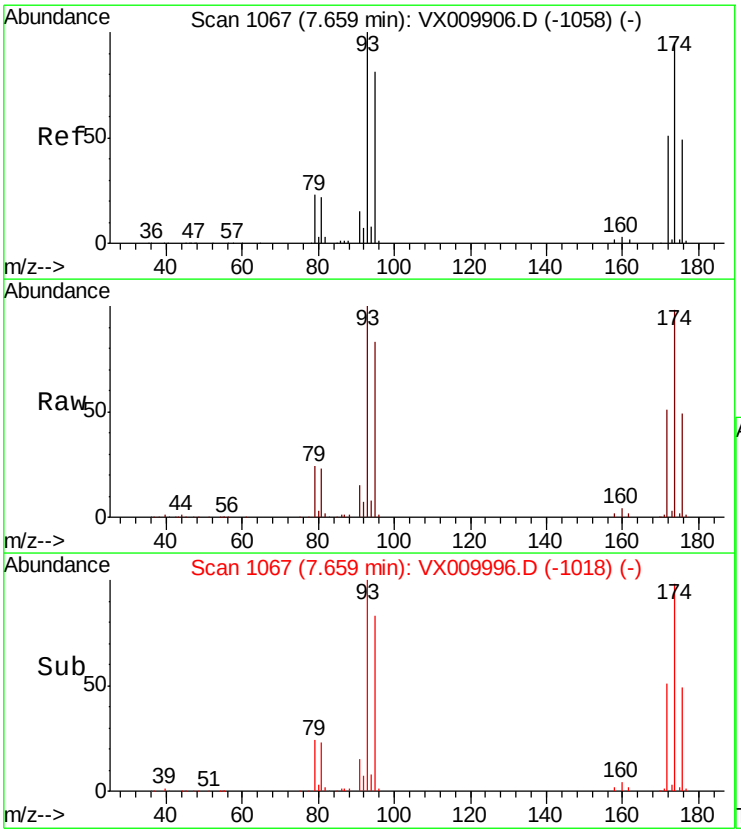

#45
1,2-Dichloropropane
Concen: 50.790 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 63 Resp: 115401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.5 | 25.7 | 38.5 |

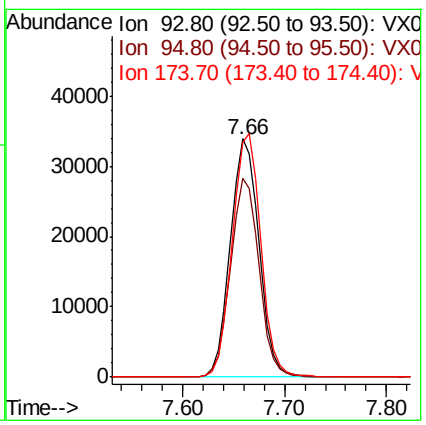


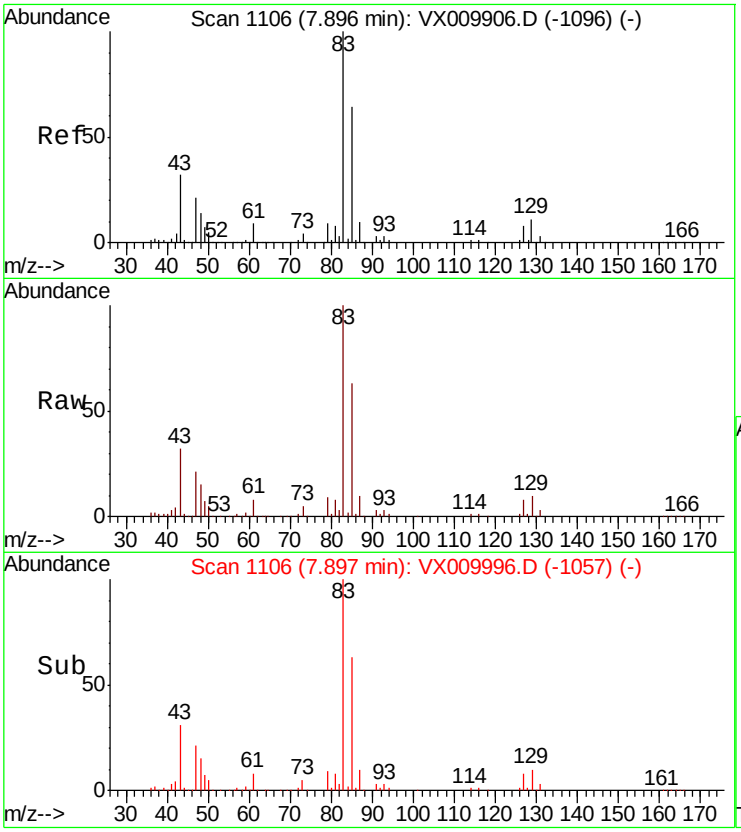




#46
Dibromomethane
Concen: 49.179 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 93 Resp: 65773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.9 | 66.8 | 100.2 |
| 174 | 102.1 | 81.9 | 122.9 |



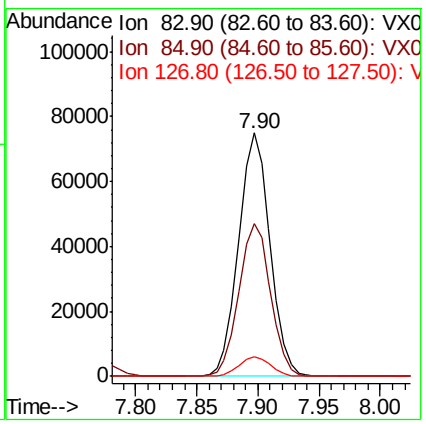


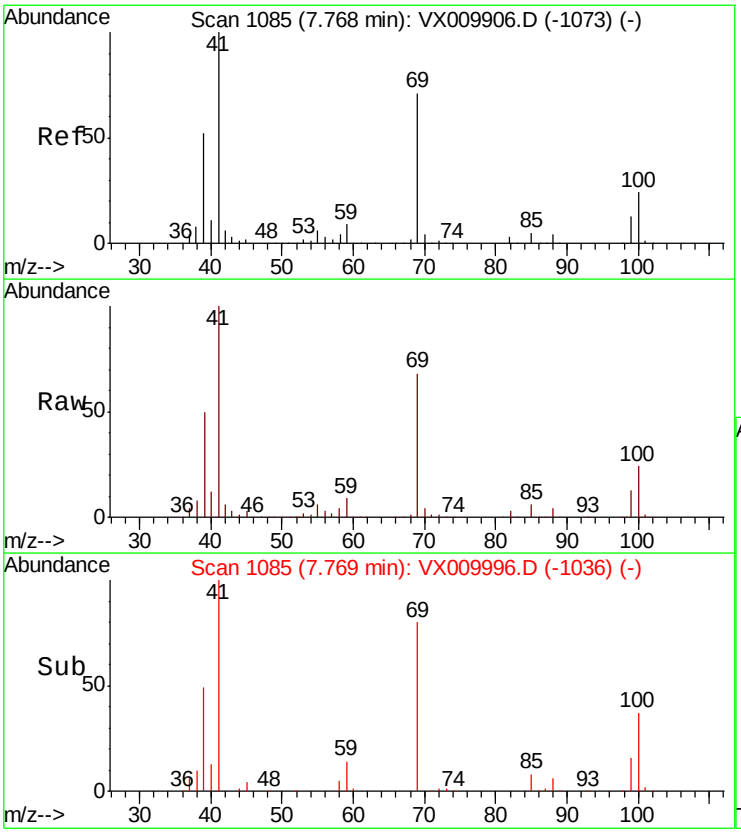

#47
Bromodichloromethane
Concen: 52.410 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 83 Resp: 133292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.8 | 51.4 | 77.2 |
| 127 | 7.9 | 6.4 | 9.6 |

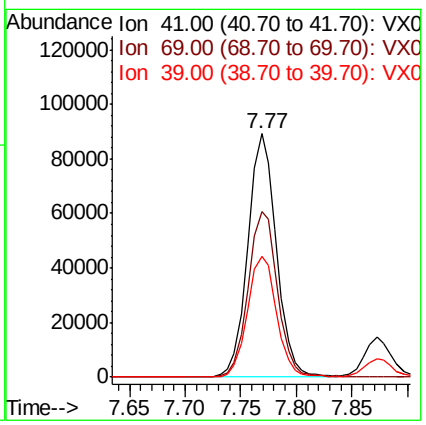


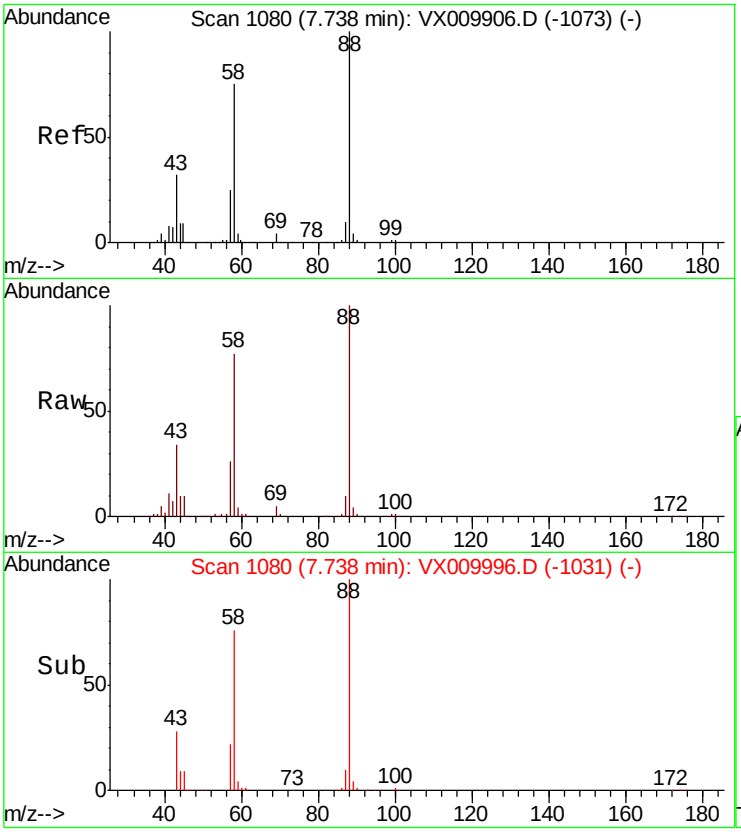




#48
Methyl methacrylate
Concen: 53.496 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 41 Resp: 158418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 70.6 | 56.4 | 84.6 |
| 39 | 50.9 | 40.6 | 60.8 |



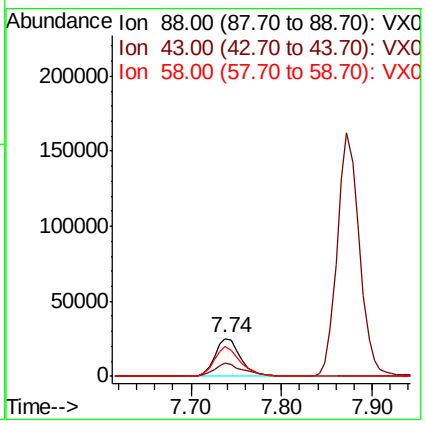


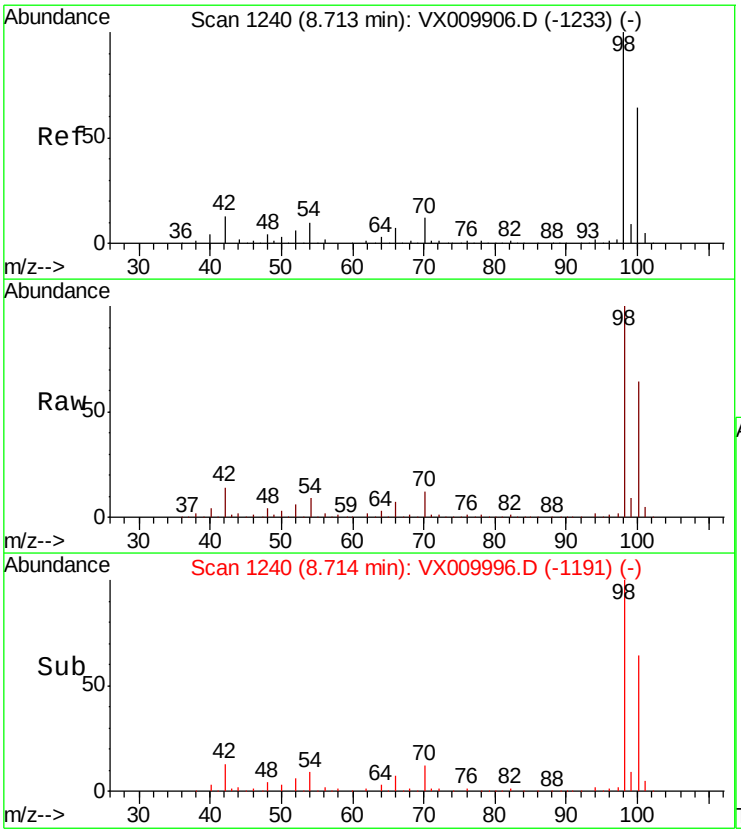

#49
1,4-Dioxane
Concen: 907.643 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 88 Resp: 49996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 39.1 | 30.2 | 45.4 |
| 58 | 80.1 | 64.0 | 96.0 |

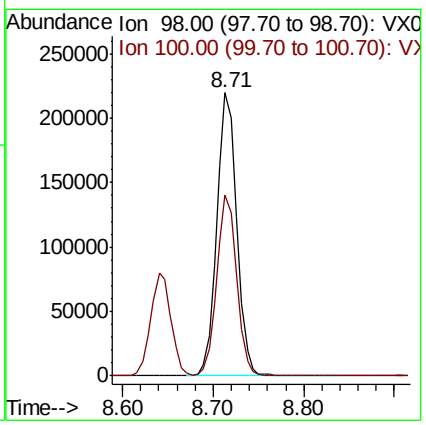


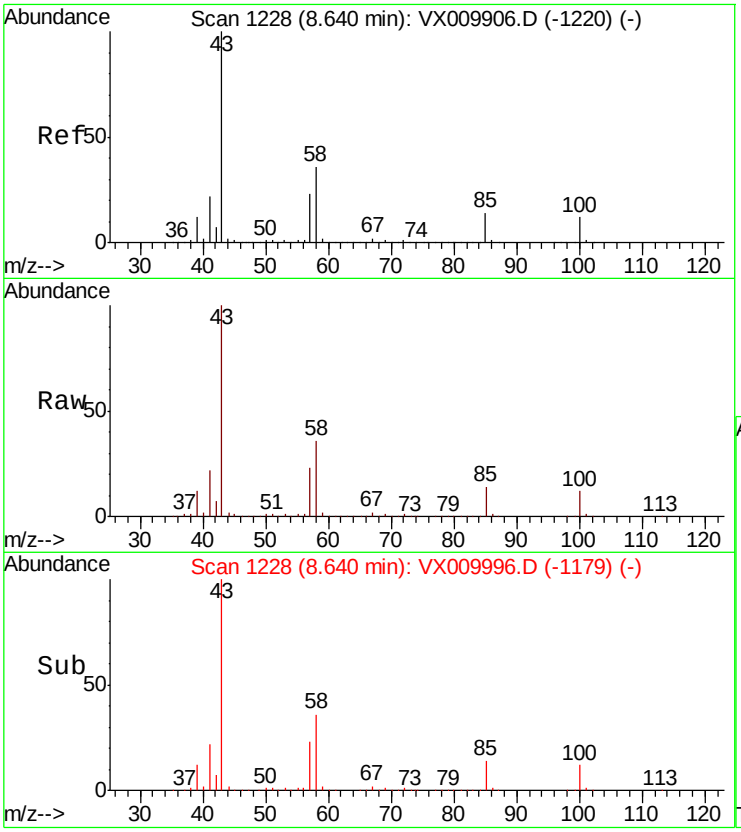




#50
Toluene-d8
Concen: 50.402 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 98 Resp: 337442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.2 | 51.5 | 77.3 |



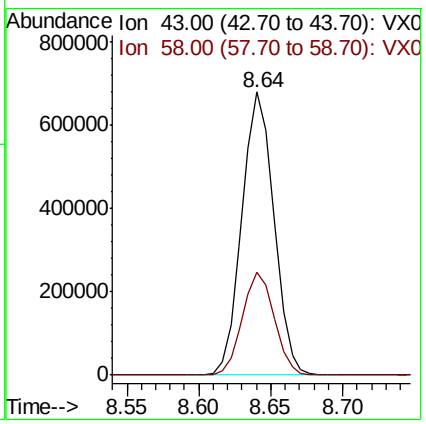


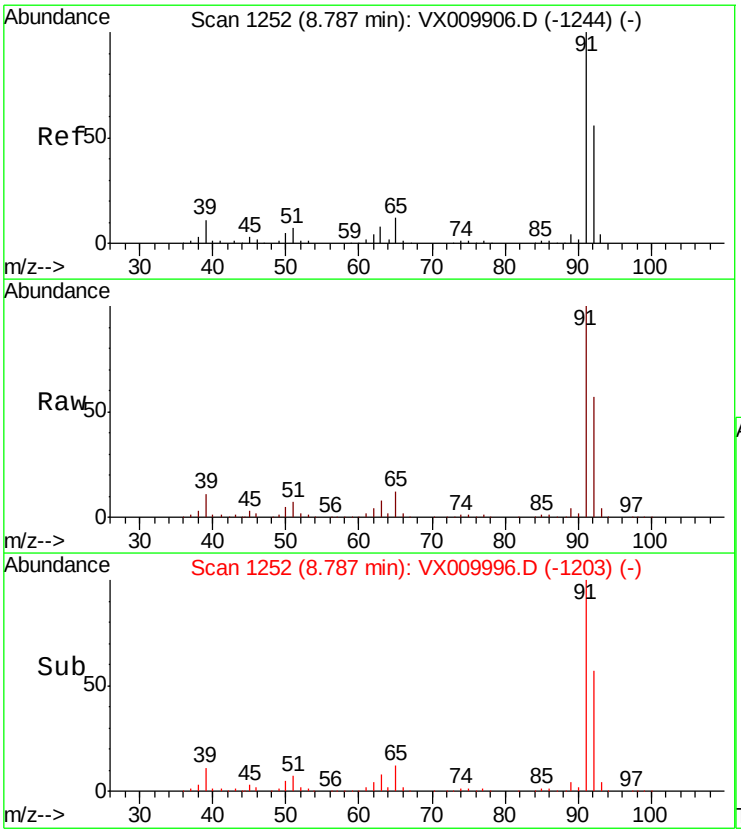

#51
4-Methyl-2-Pentanone
Concen: 268.723 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 43 Resp: 1045707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.1 | 28.8 | 43.2 |

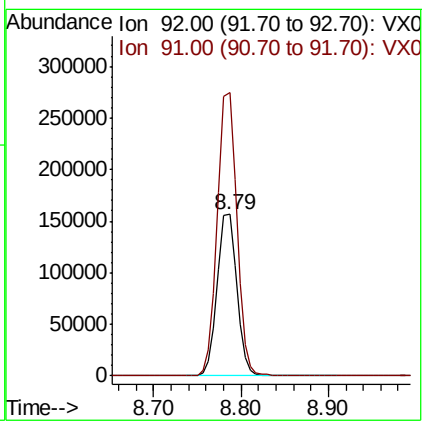


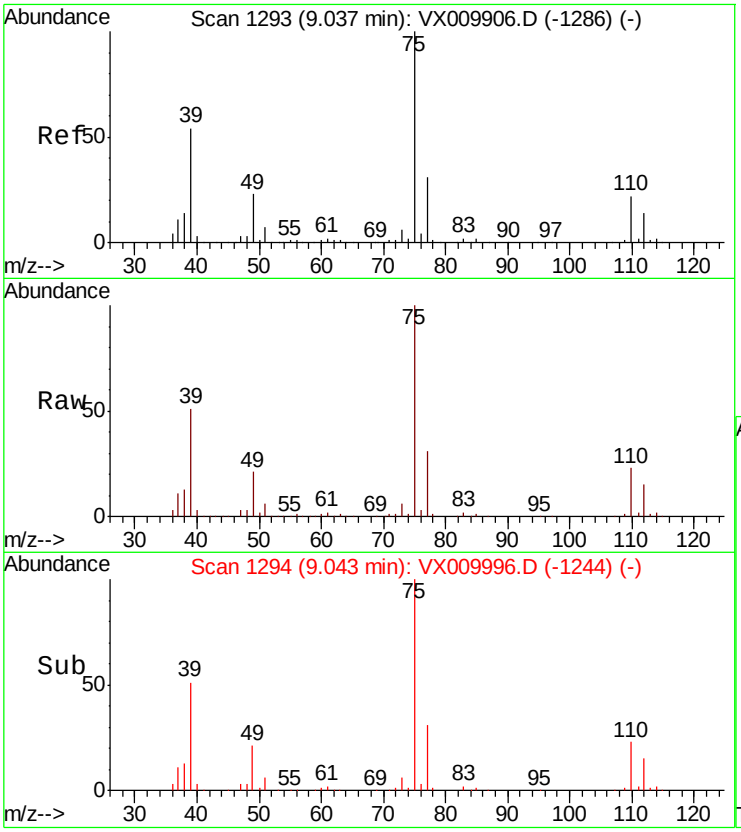




#52
Toluene
Concen: 50.995 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 92 Resp: 244384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 174.7 | 139.9 | 209.9 |



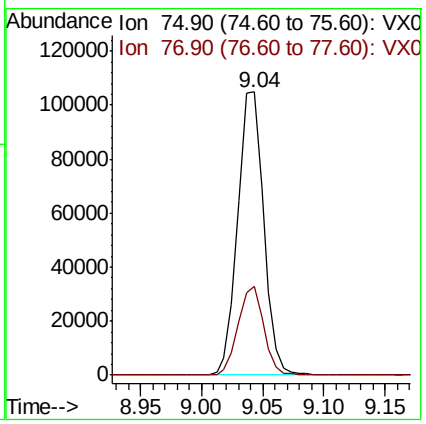


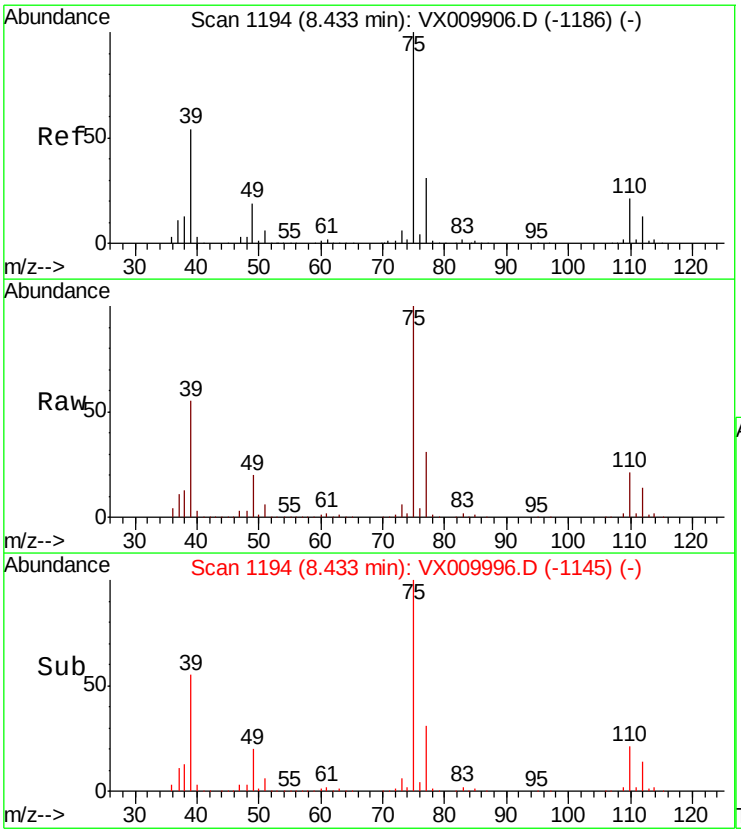

#53
t-1,3-Dichloropropene
Concen: 50.750 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 75 Resp: 154793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.2 | 24.6 | 36.8 |

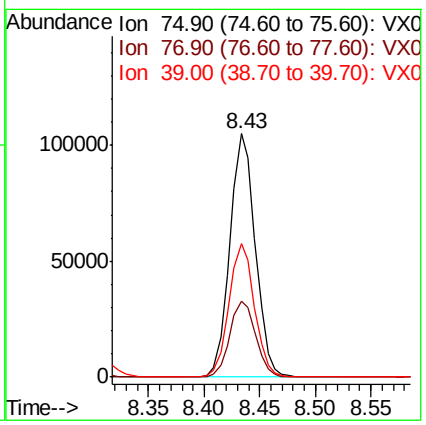


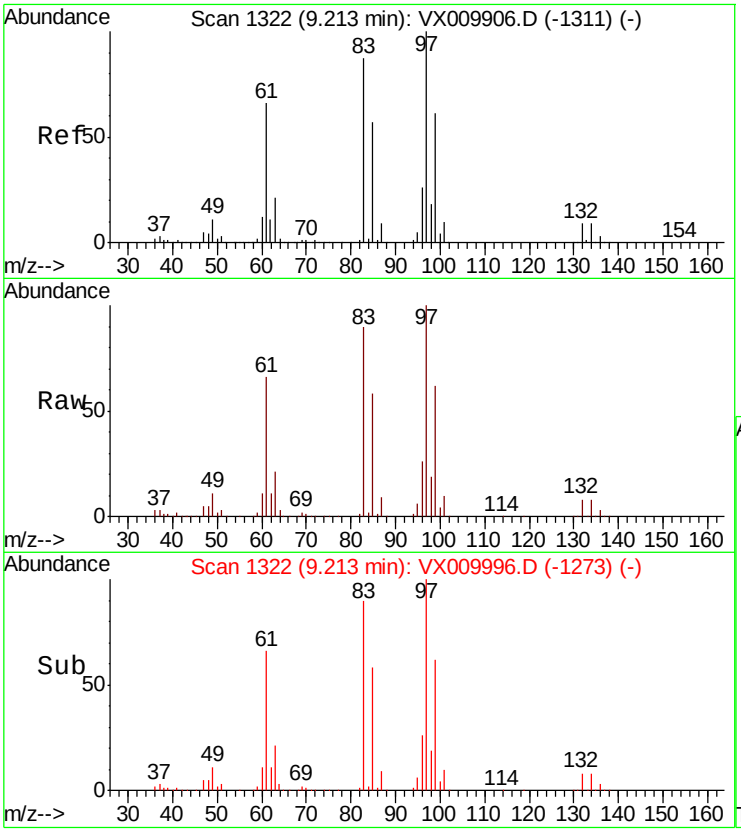




#54
cis-1,3-Dichloropropene
Concen: 49.883 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 75 Resp: 165774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.0 | 24.8 | 37.2 |
| 39 | 54.9 | 43.4 | 65.0 |



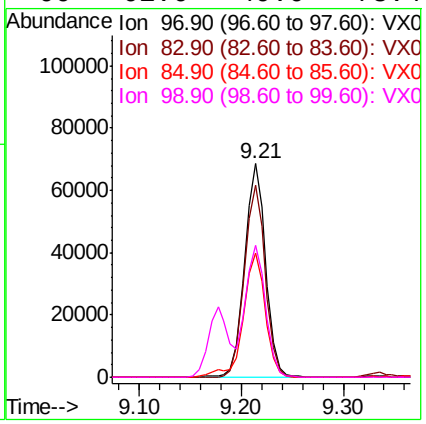


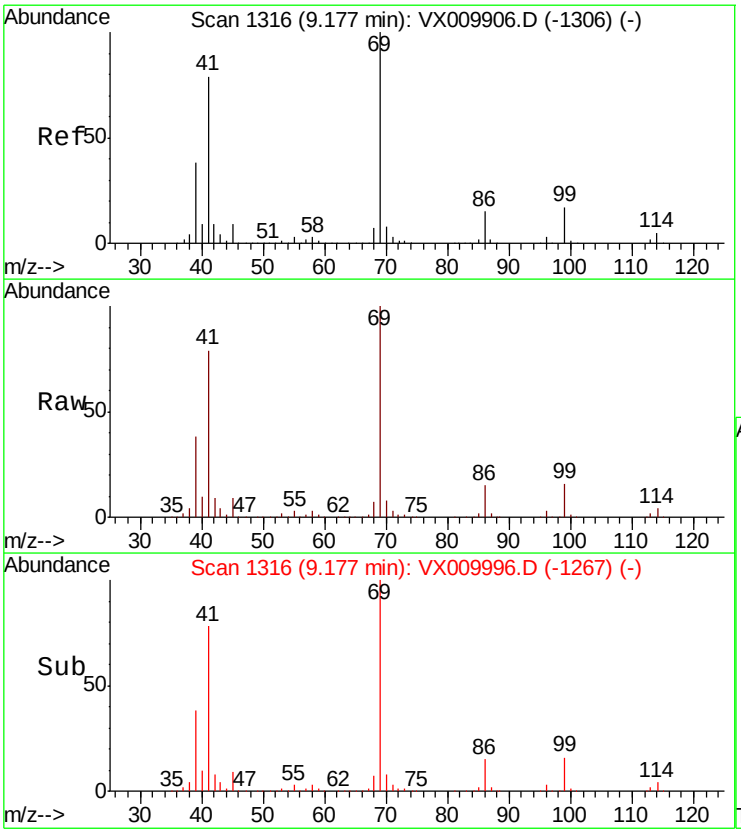

#55
1,1,2-Trichloroethane
Concen: 50.936 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 97 Resp: 98247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 89.8 | 69.8 | 104.8 |
| 85 | 58.1 | 45.3 | 67.9 |
| 99 | 61.6 | 49.0 | 73.4 |

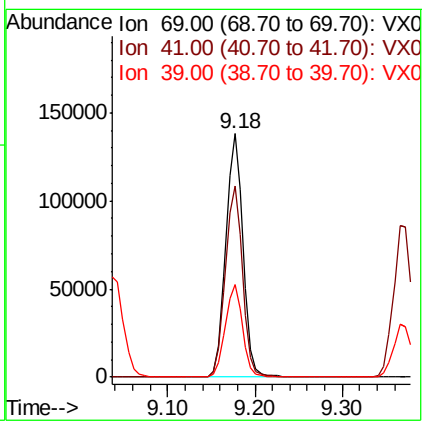


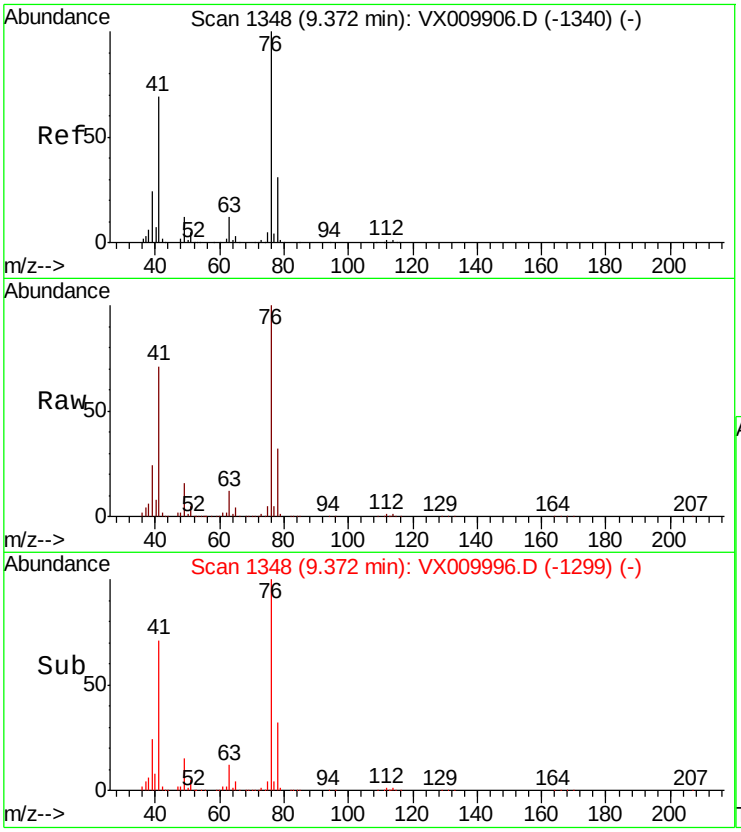




#56
Ethyl methacrylate
Concen: 54.851 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 69 Resp: 188356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 78.5 | 62.7 | 94.1 |
| 39 | 37.9 | 29.5 | 44.3 |



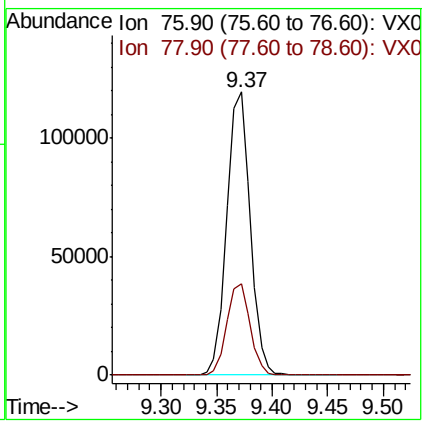


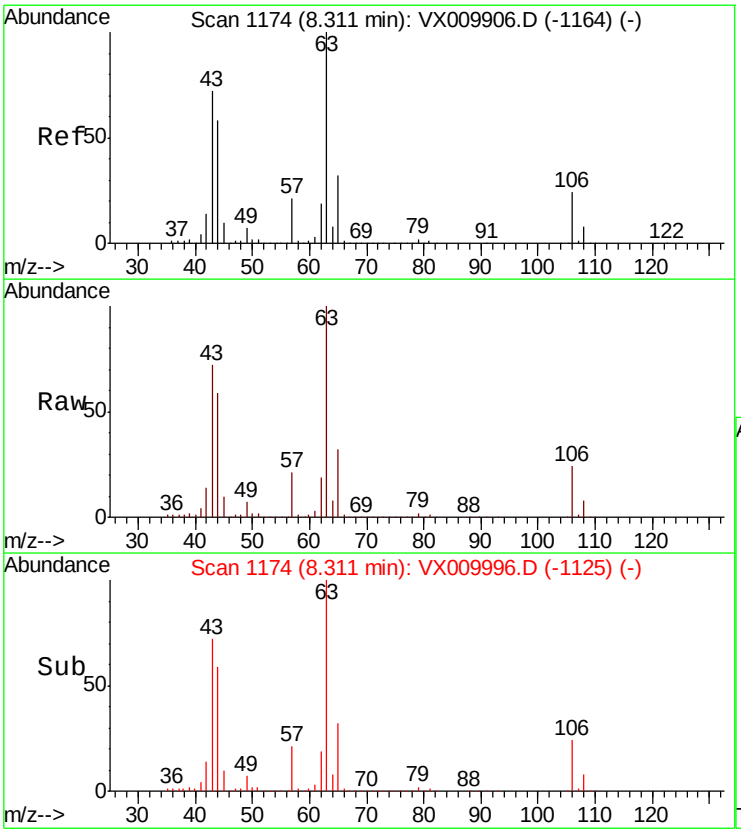

#57
1,3-Dichloropropane
Concen: 50.198 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 76 Resp: 173886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.3 | 25.4 | 38.0 |

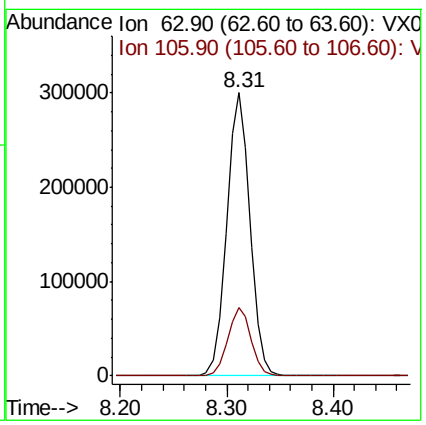


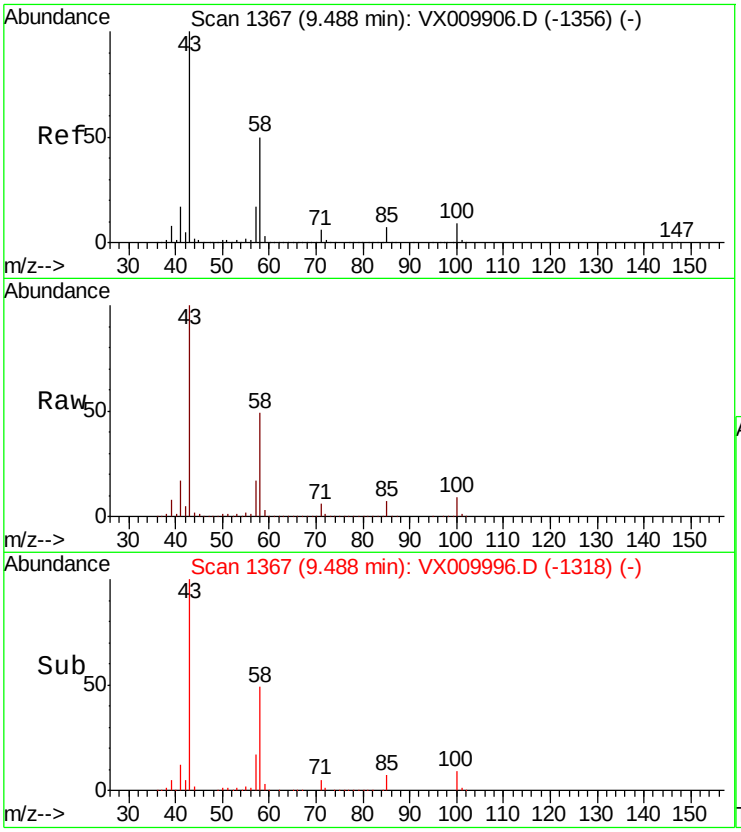




#58
2-Chloroethyl Vinyl ether
Concen: 254.420 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 63 Resp: 458125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 24.2 | 19.4 | 29.2 |



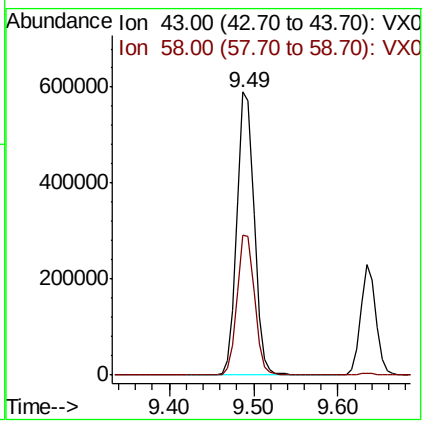


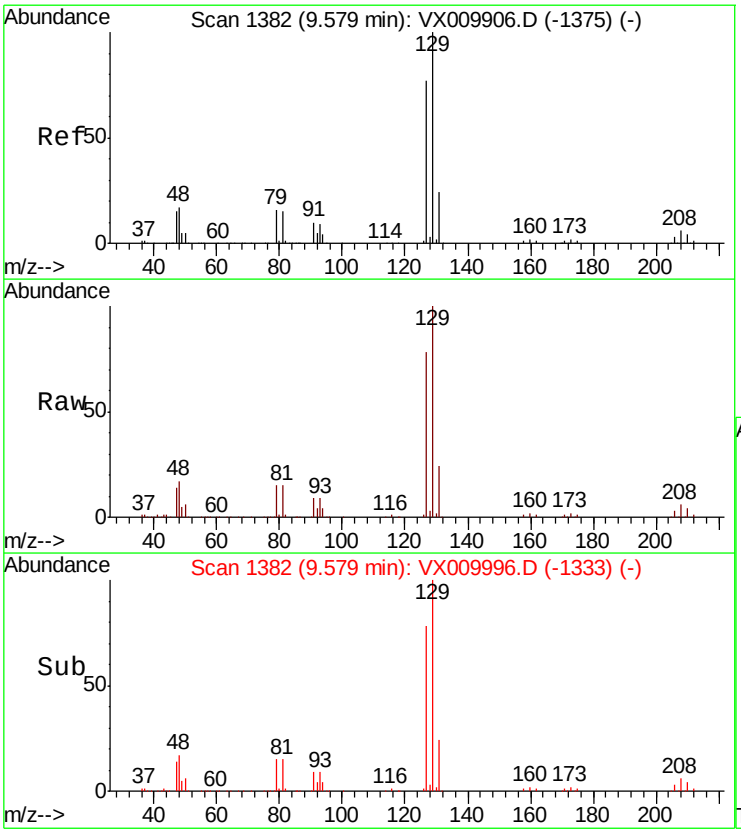

#59
2-Hexanone
Concen: 269.571 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 43 Resp: 807634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 49.9 | 25.1 | 75.3 |

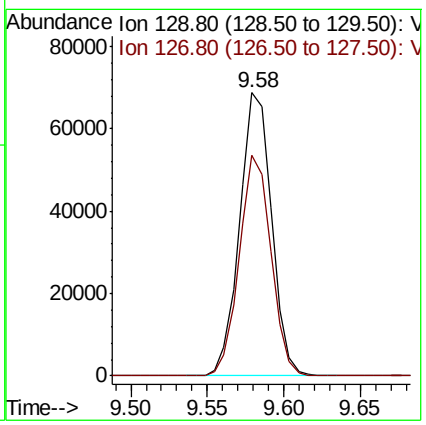


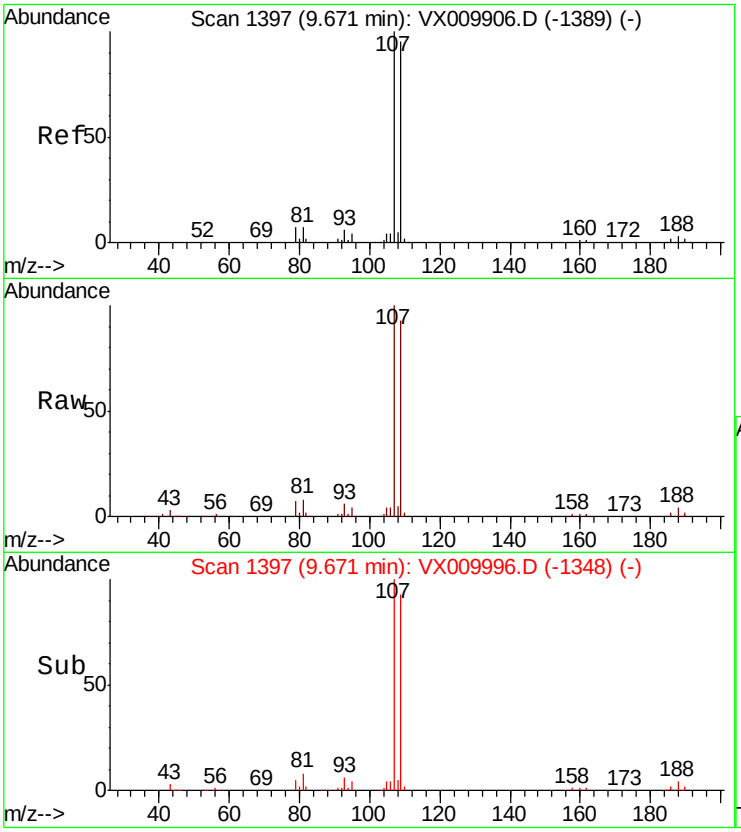




#60
Dibromochloromethane
Concen: 52.641 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion:129 Resp: 99880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.4 | 38.5 | 115.5 |



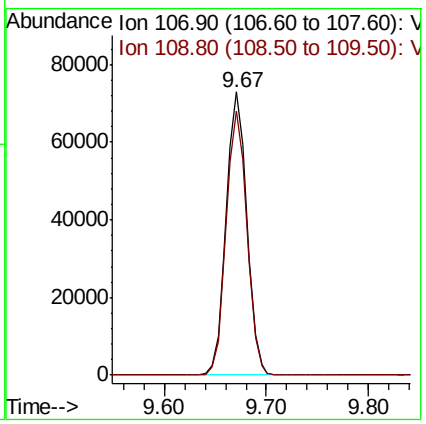


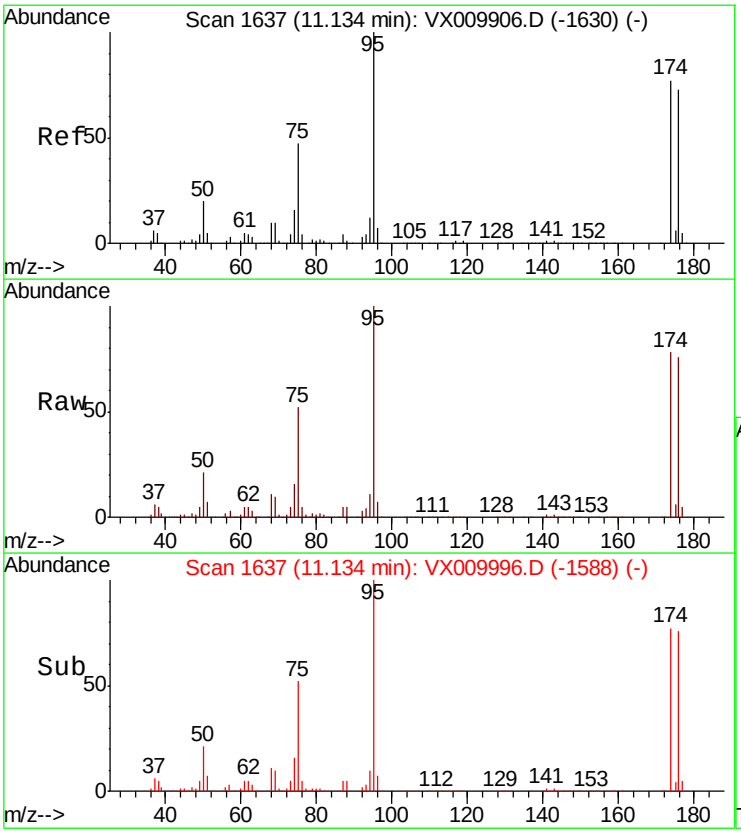

#61
1,2-Dibromoethane
Concen: 51.445 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion:107 Resp: 101944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.6 | 75.4 | 113.2 |

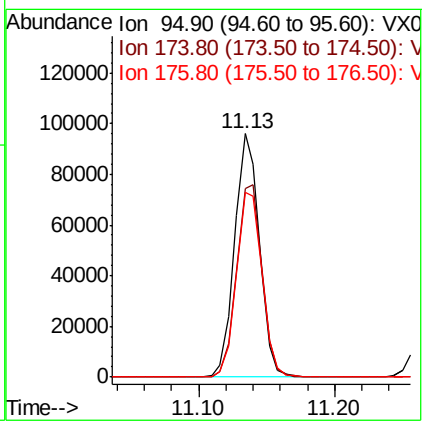


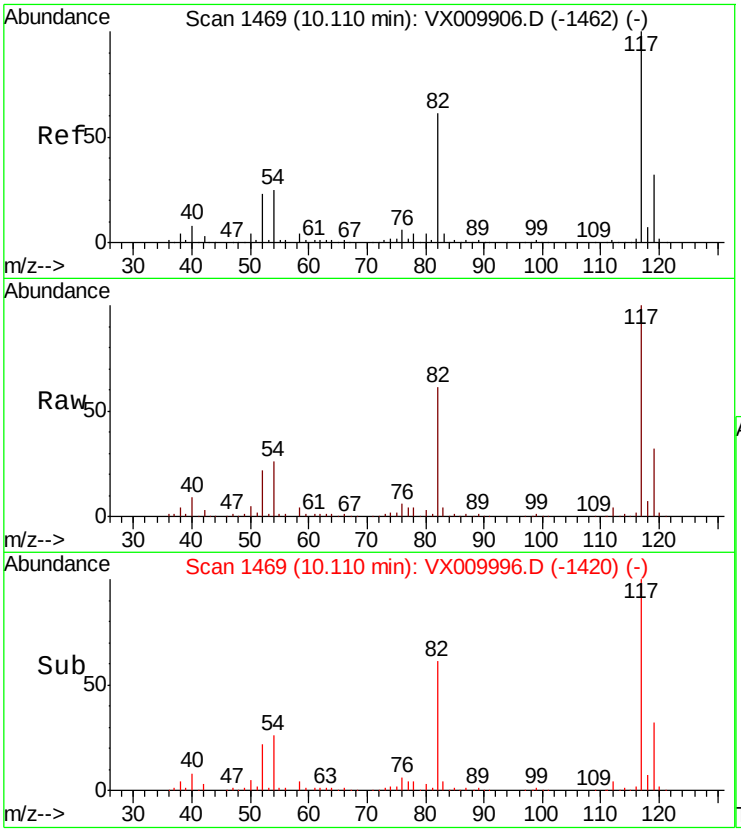




#62
4-Bromofluorobenzene
Concen: 50.493 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 95 Resp: 121422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 81.3 | 0.0 | 160.4 |
| 176 | 78.7 | 0.0 | 154.6 |



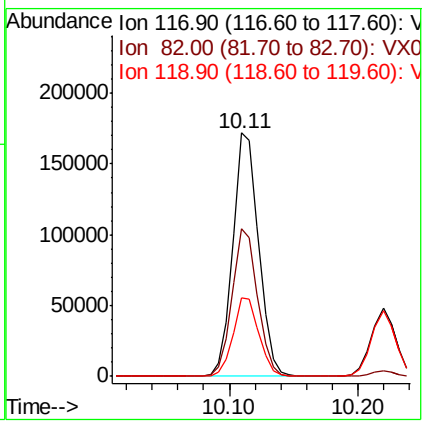


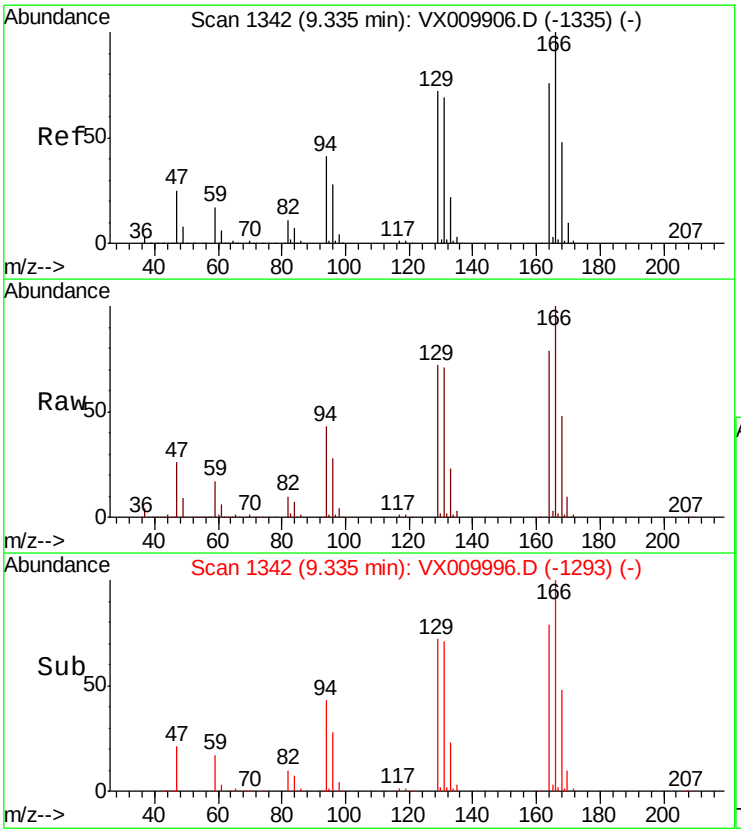

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion:117 Resp: 239933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 60.7 | 49.2 | 73.8 |
| 119 | 32.2 | 25.2 | 37.8 |

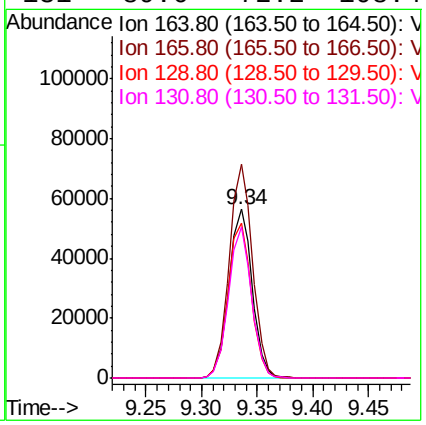


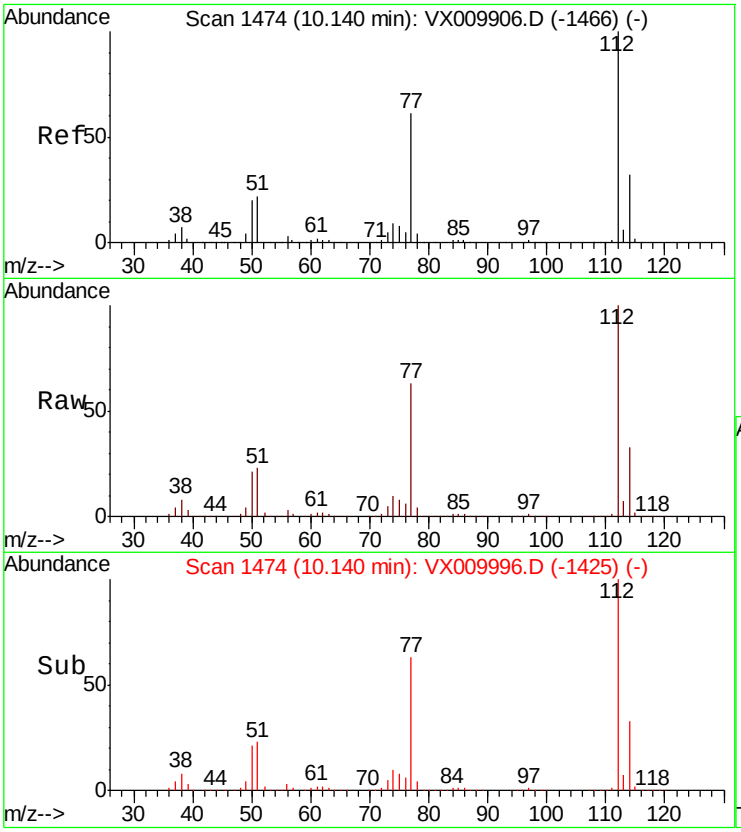




#64
Tetrachloroethene
Concen: 48.695 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion:164 Resp: 81610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 126.7 | 105.0 | 157.4 |
| 129 | 91.5 | 75.1 | 112.7 |
| 131 | 89.6 | 72.2 | 108.4 |



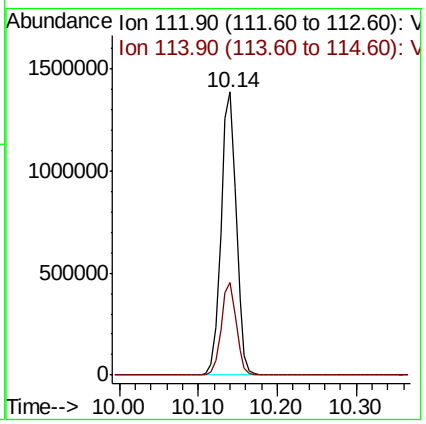


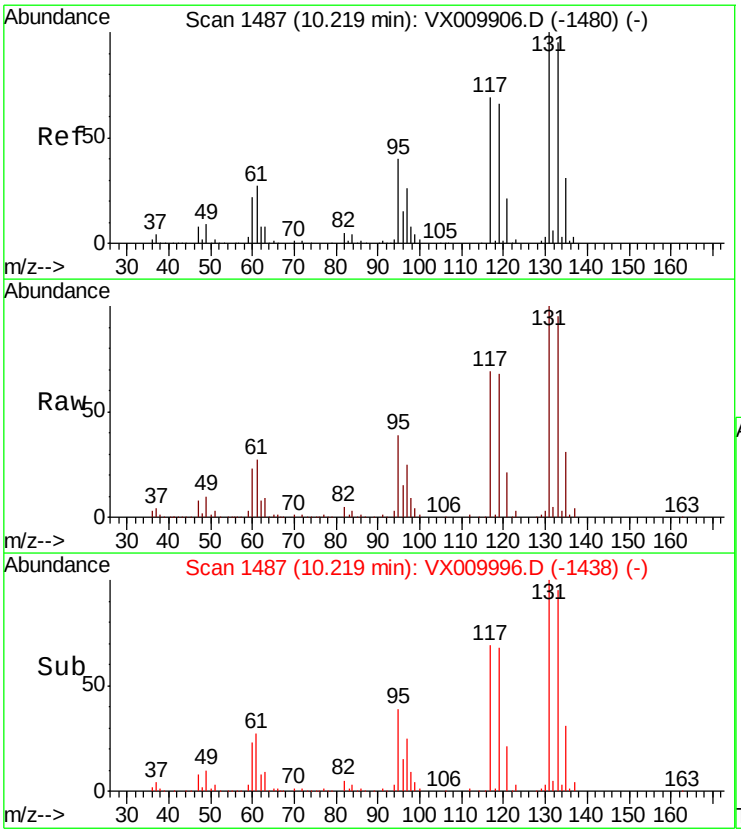

#65
Chlorobenzene
Concen: 368.815 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion:112 Resp: 1852568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.7 | 25.8 | 38.8 |

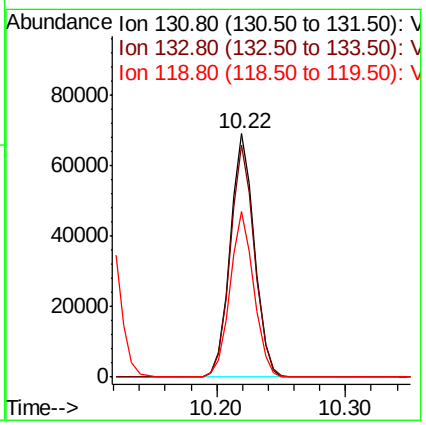


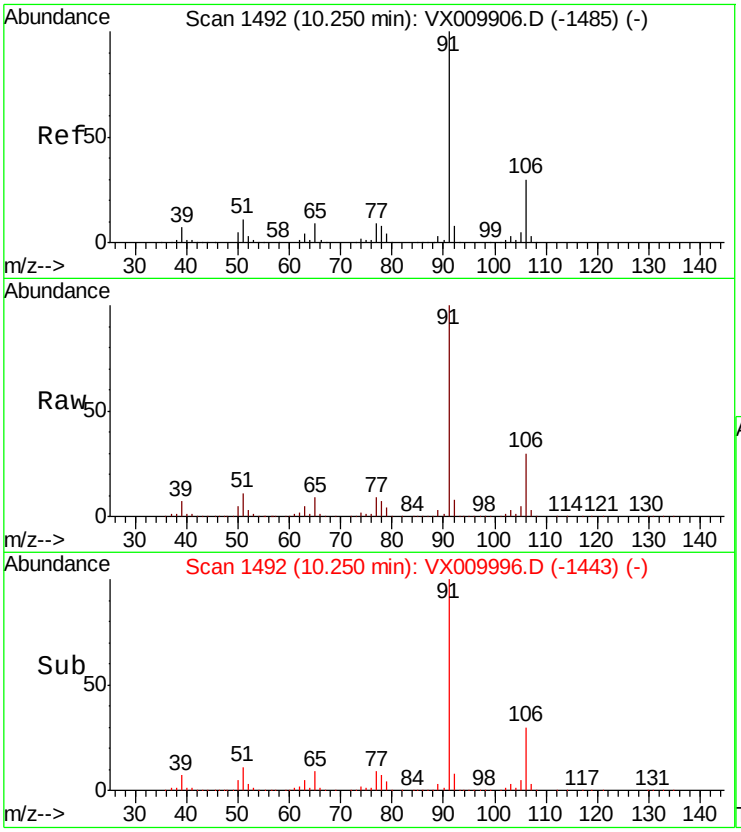




#66
1,1,1,2-Tetrachloroethane
Concen: 51.913 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion:131 Resp: 90443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.7 | 47.5 | 142.6 |
| 119 | 67.1 | 33.4 | 100.1 |



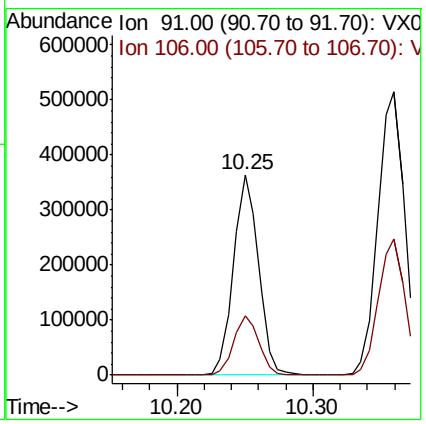


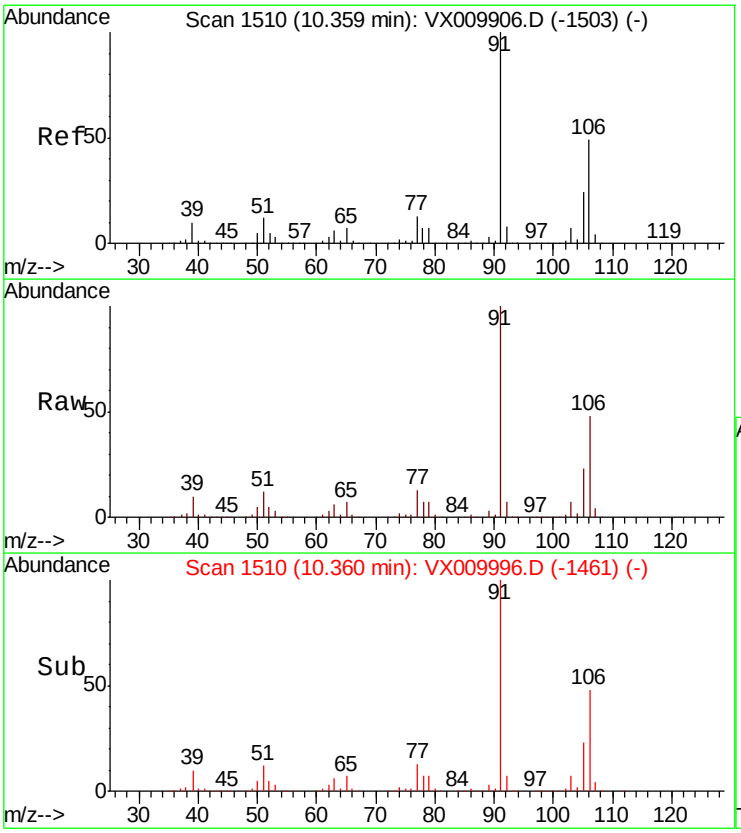

#67
Ethyl Benzene
Concen: 51.836 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :** MSVOA_X
**ClientSampleId :** LF014MW028-190530MSD

Tgt Ion: 91 Resp: 467510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.8 | 23.9 | 35.9 |

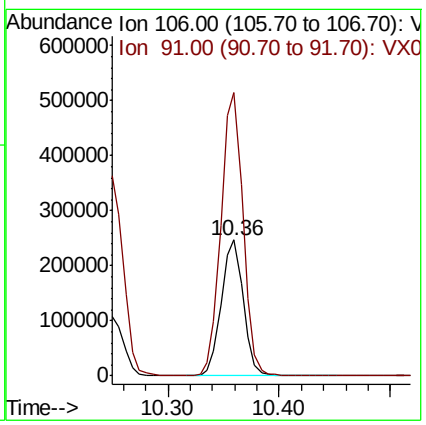


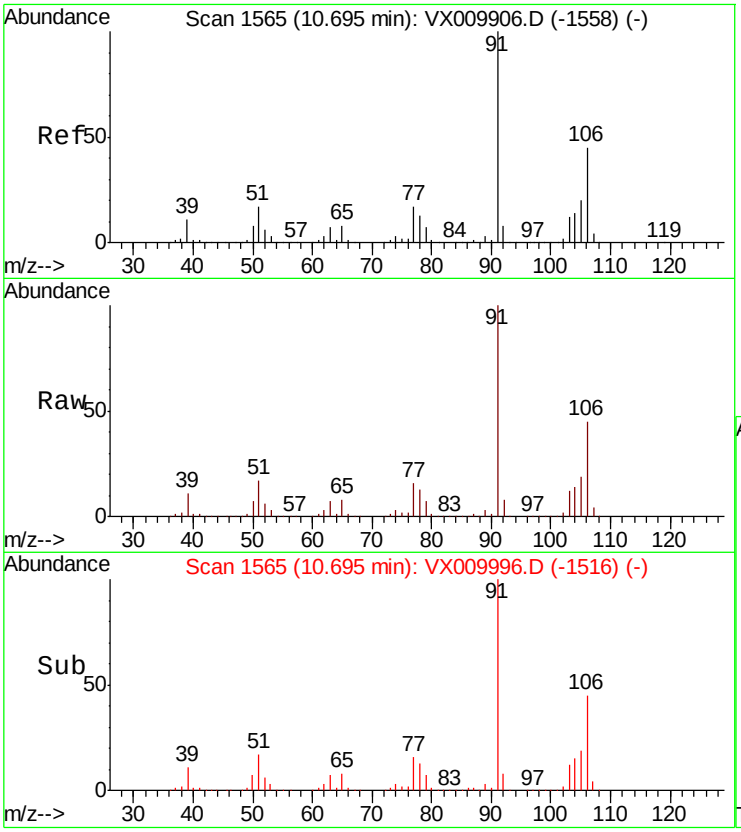




#68
m/p-Xylenes
Concen: 101.109 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion:106 Resp: 336886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 209.9 | 167.3 | 250.9 |



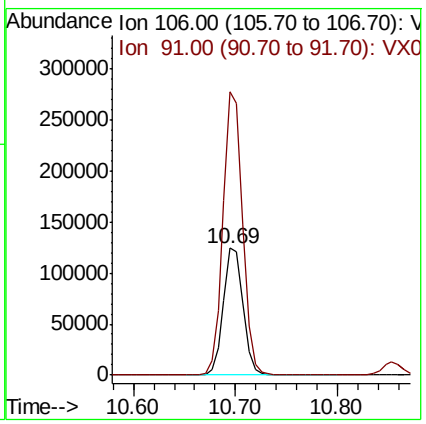


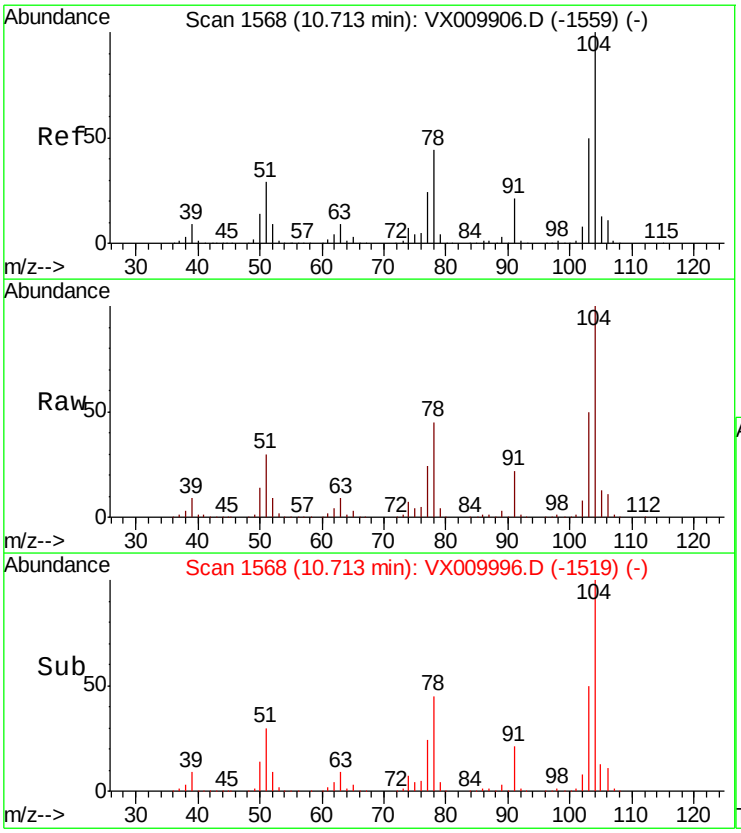

#69
o-Xylene
Concen: 52.120 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion:106 Resp: 166545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 220.7 | 110.4 | 331.2 |

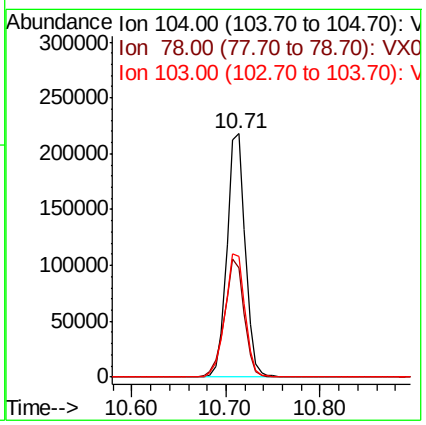


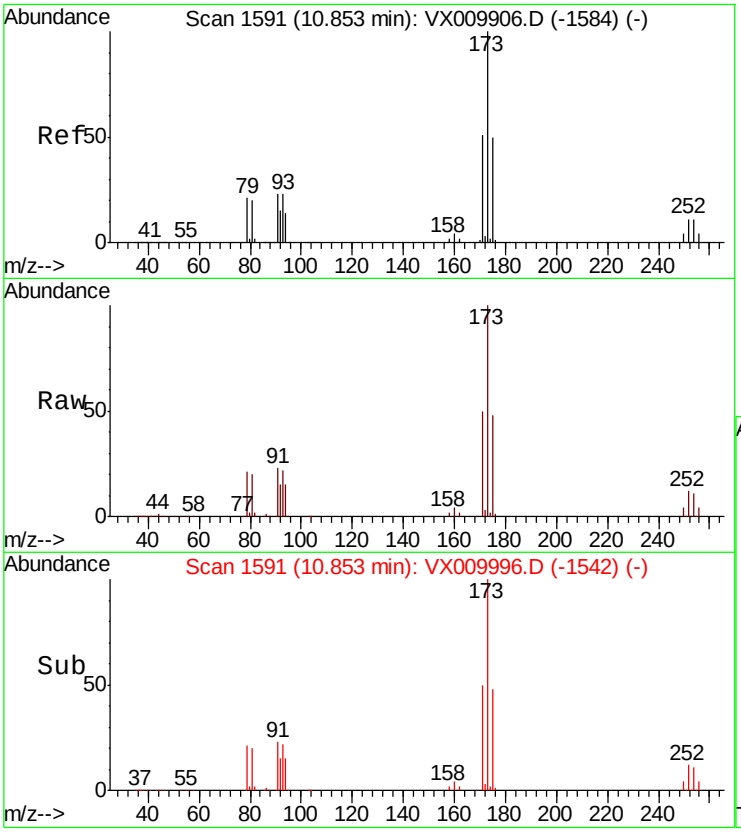




#70
Styrene
Concen: 52.397 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion:104 Resp: 293594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 52.0 | 42.1 | 63.1 |
| 103 | 55.4 | 44.1 | 66.1 |



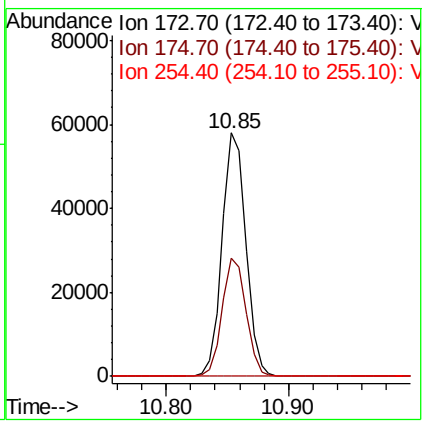


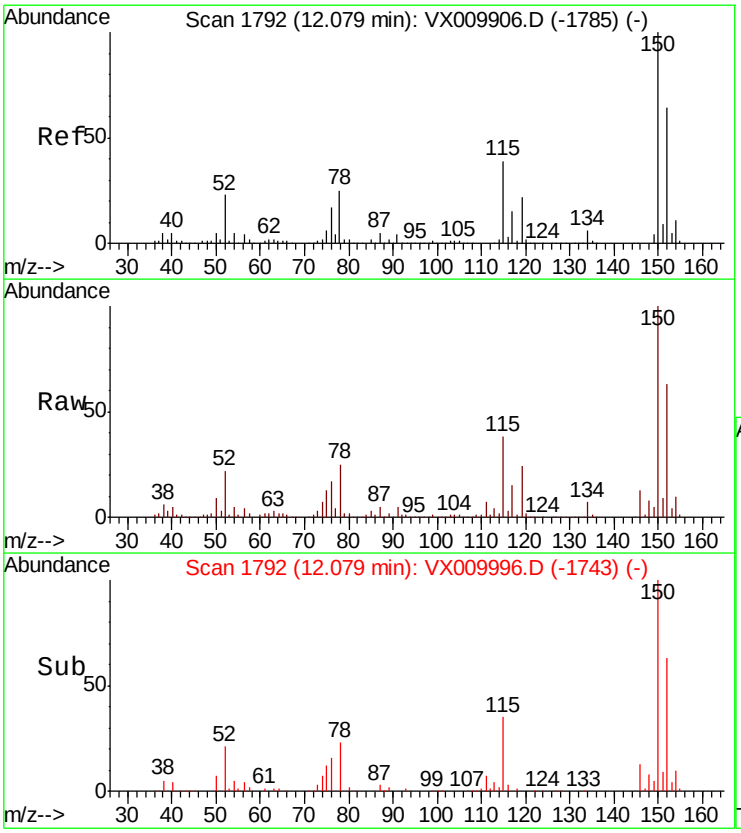

#71
Bromoform
Concen: 54.788 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion:173 Resp: 78022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.6 | 25.0 | 75.0 |
| 254 | 0.2 | 0.2 | 0.2 |

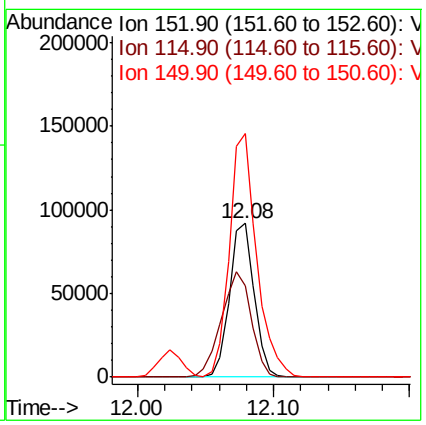


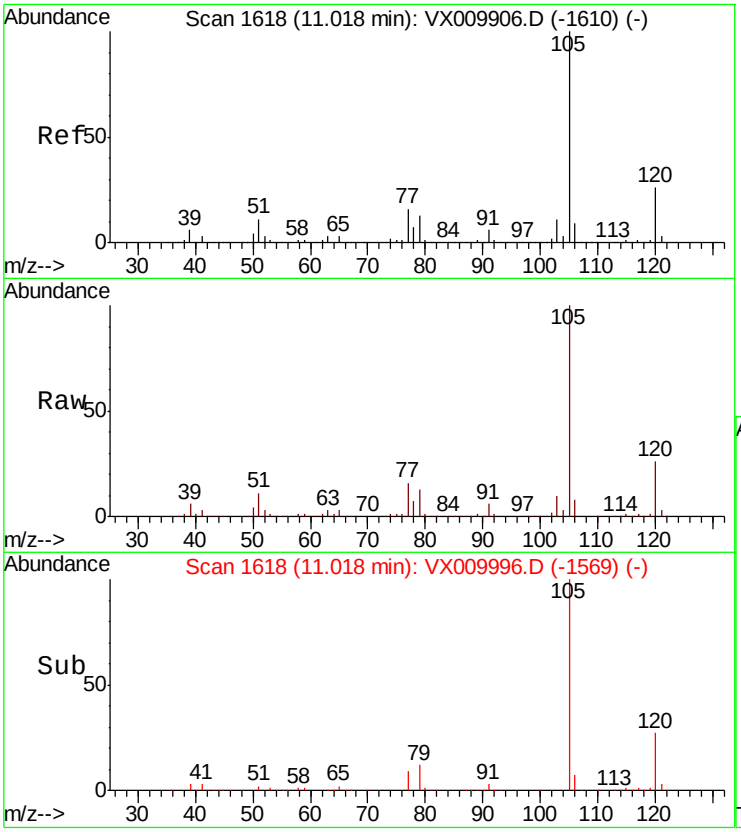




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion:152 Resp: 115381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 83.1 | 41.4 | 124.2 |
| 150 | 174.4 | 0.0 | 345.2 |



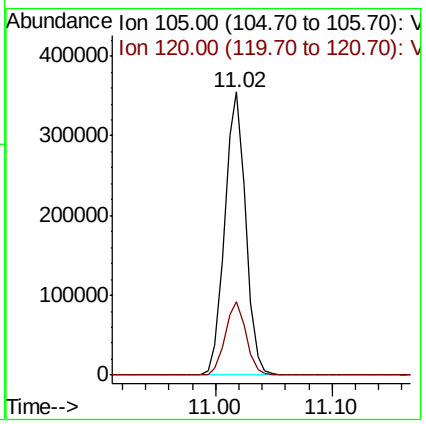


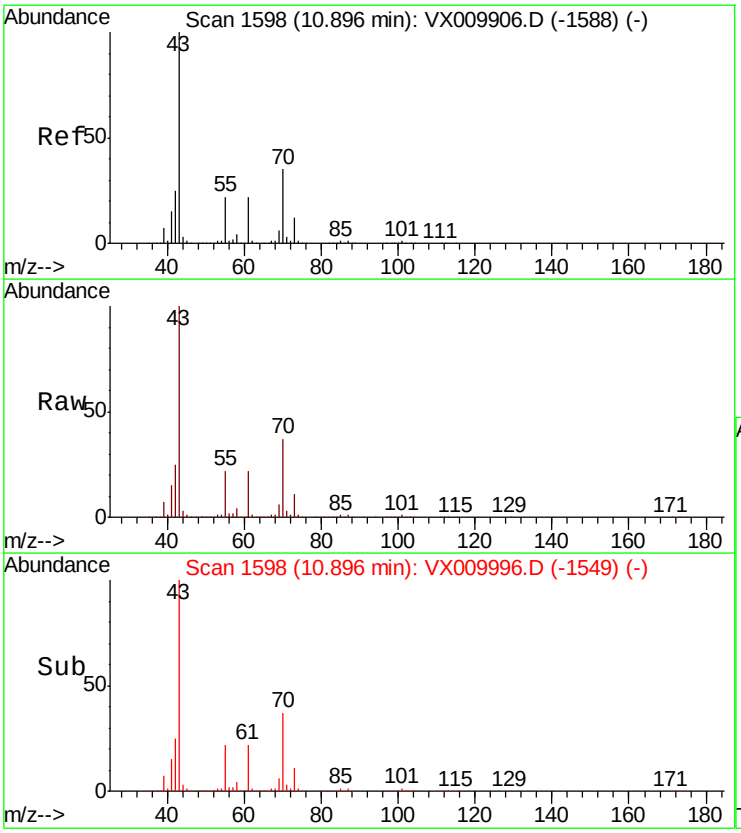

#73
Isopropylbenzene
Concen: 51.692 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :** MSVOA_X
**ClientSampleId :** LF014MW028-190530MSD

Tgt Ion:105 Resp: 440062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.9 | 12.8 | 38.4 |

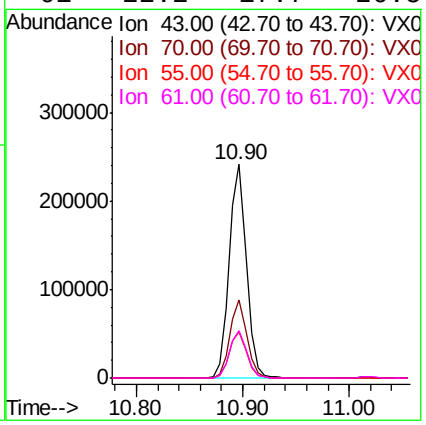


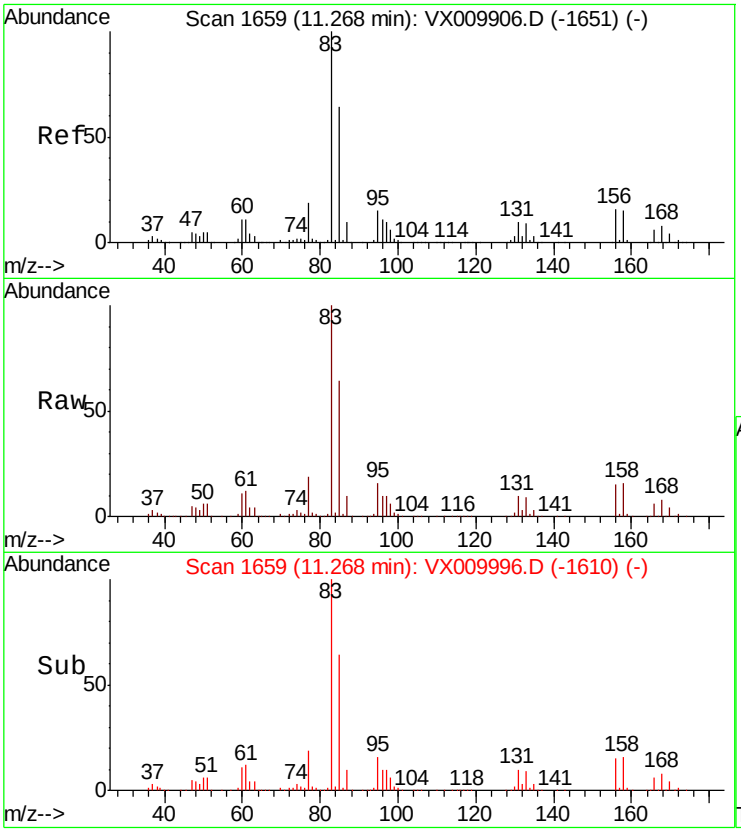




#74
N-amyl acetate
Concen: 54.055 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 43 Resp: 274981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 36.2 | 28.6 | 43.0 |
| 55 | 22.1 | 17.8 | 26.8 |
| 61 | 22.2 | 17.7 | 26.5 |



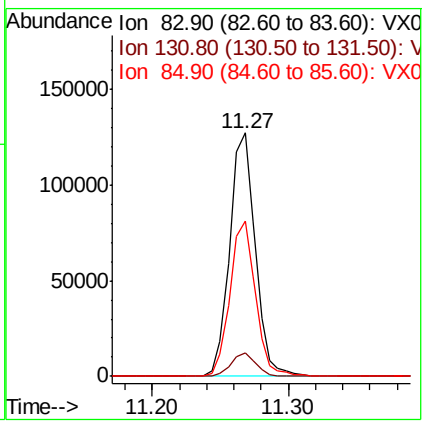


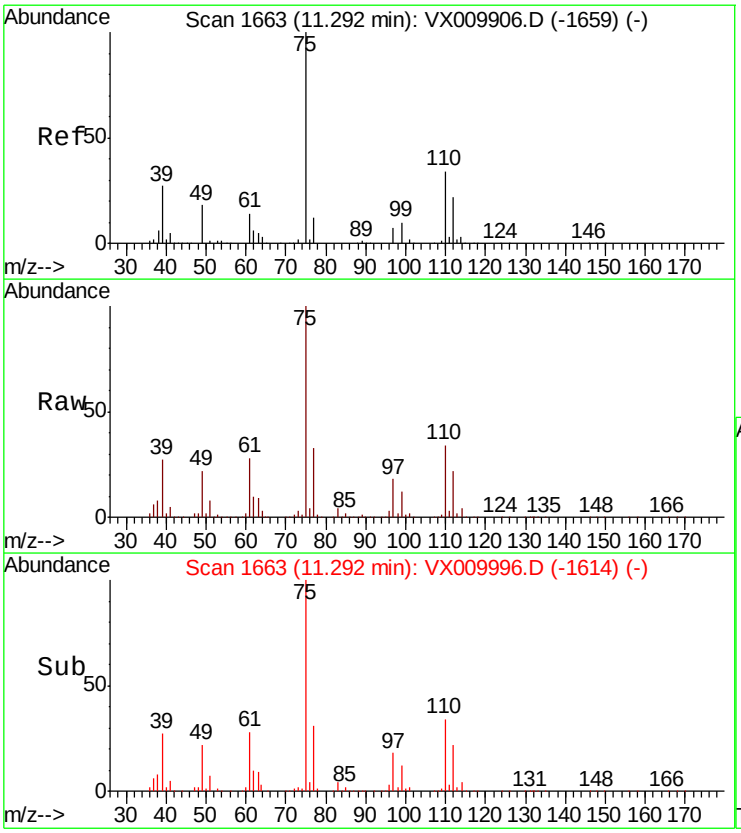

#75
1,1,2,2-Tetrachloroethane
Concen: 52.374 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 83 Resp: 166340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.1 | 4.7 | 14.1 |
| 85 | 63.7 | 31.9 | 95.9 |

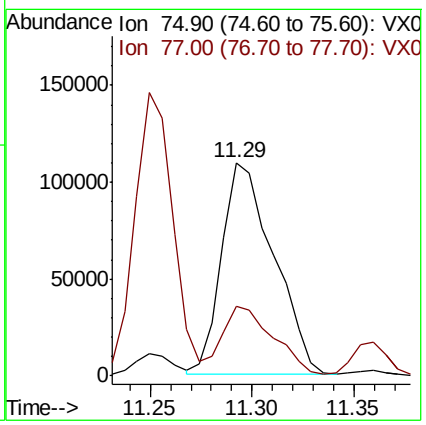


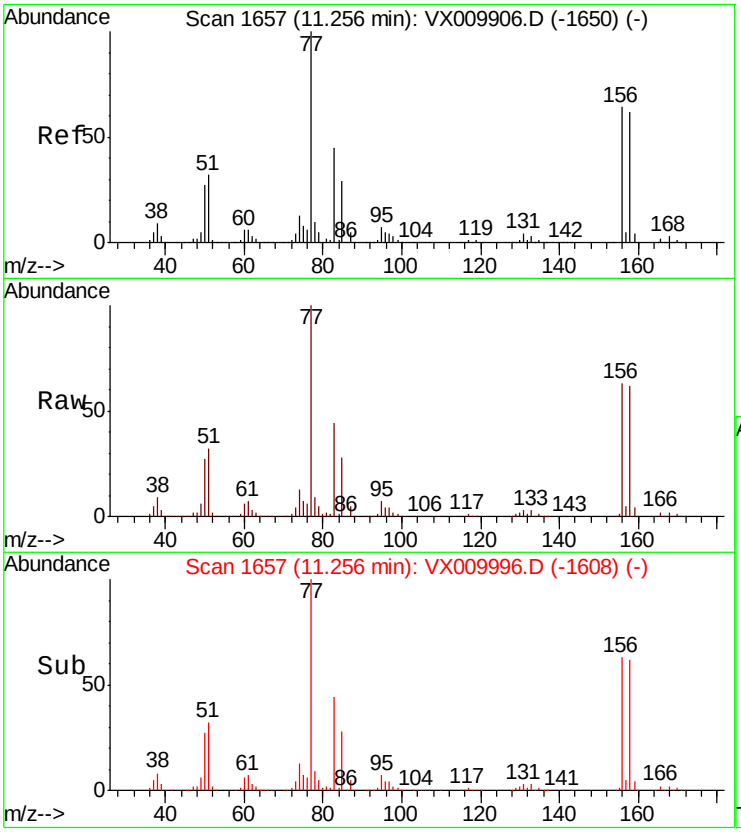




#76
1,2,3-Trichloropropane
Concen: 70.296 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 75 Resp: 193956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.7 | 22.1 | 66.1 |



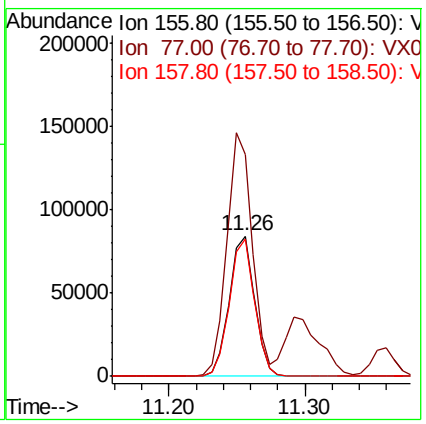


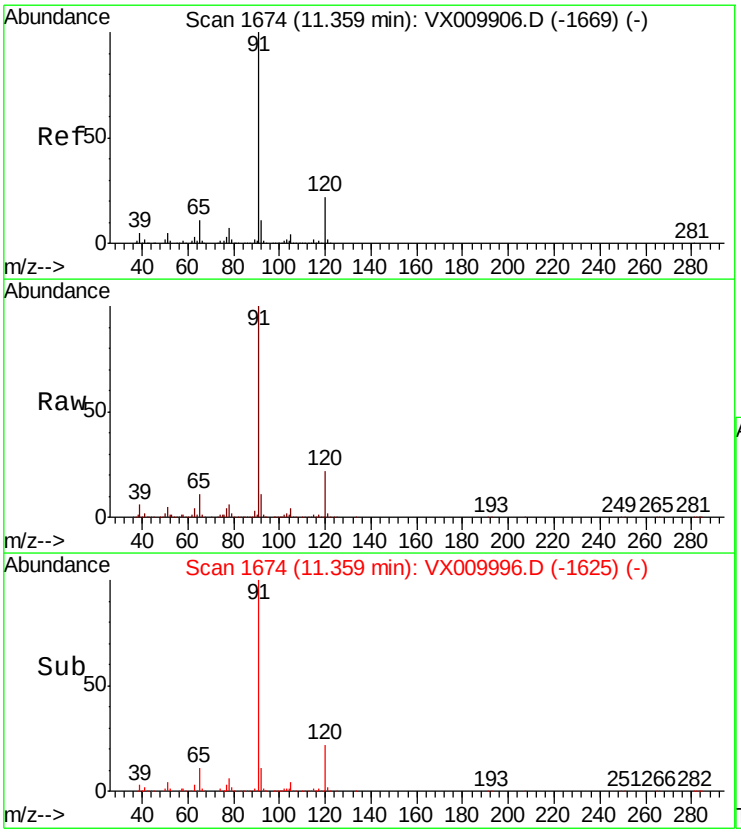

#77
Bromobenzene
Concen: 50.456 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion:156 Resp: 109466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 173.3 | 86.8 | 260.3 |
| 158 | 97.6 | 49.6 | 148.8 |

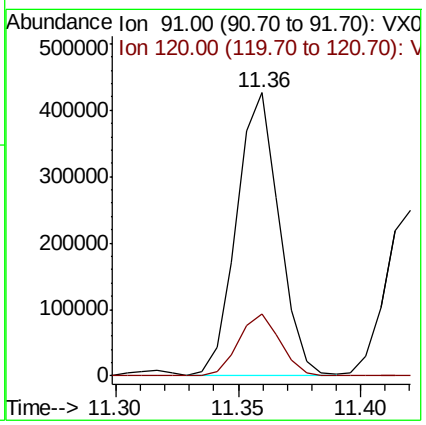


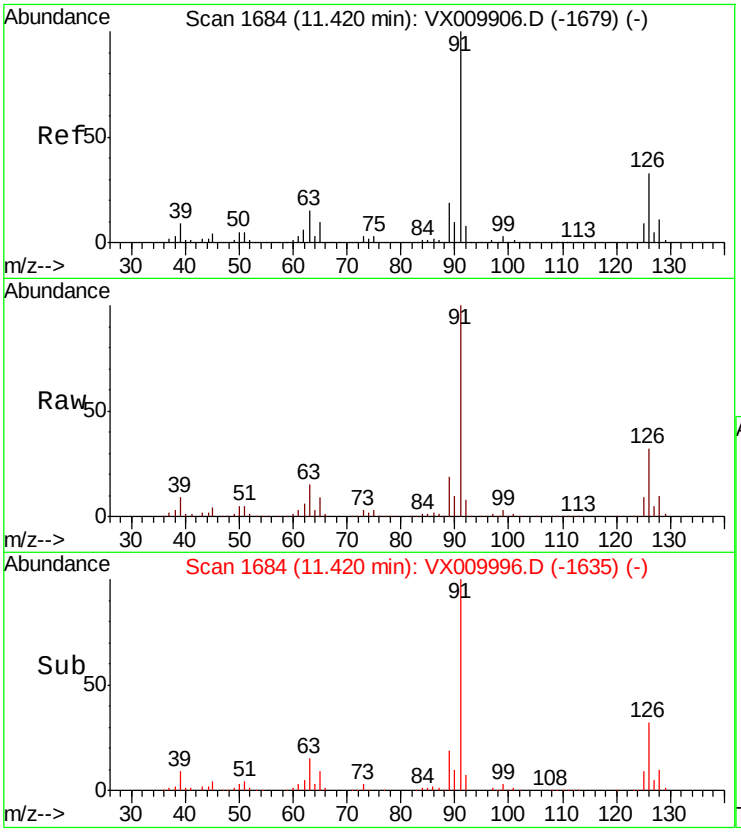




#78
n-propylbenzene
Concen: 52.015 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 91 Resp: 510410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 21.8 | 11.1 | 33.3 |



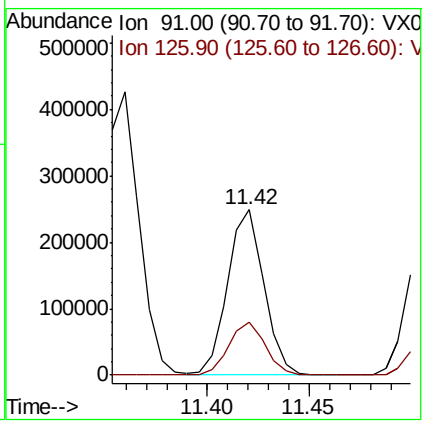


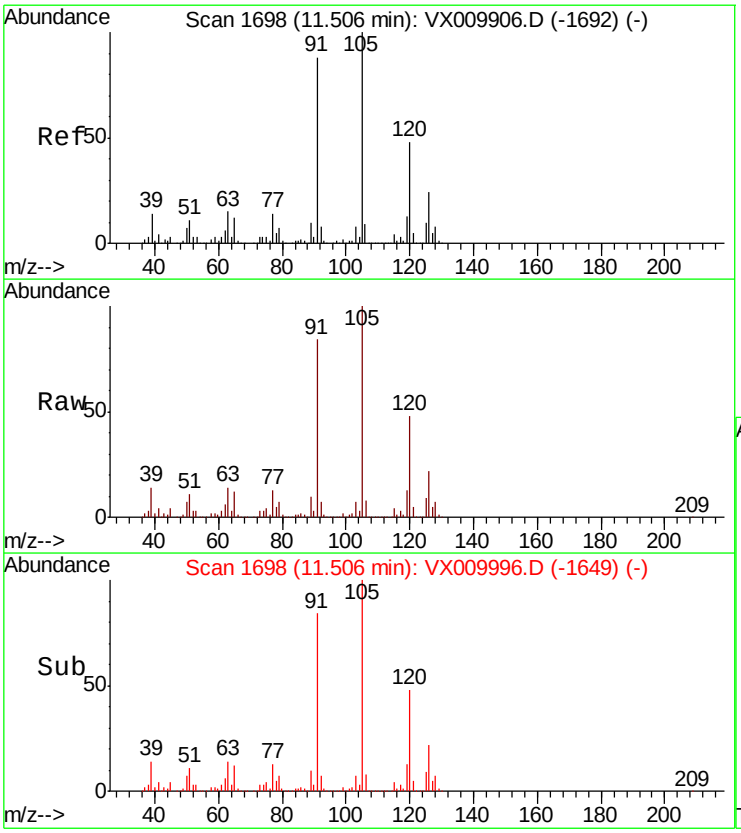

#79
2-Chlorotoluene
Concen: 50.856 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 91 Resp: 304897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.5 | 16.1 | 48.3 |

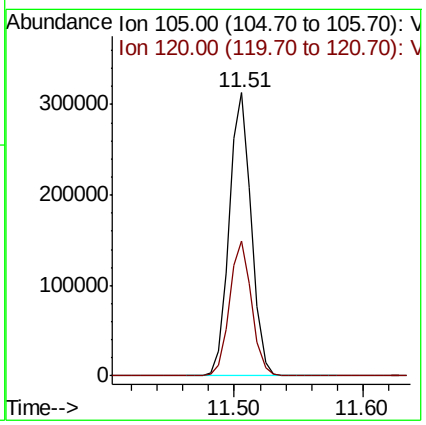


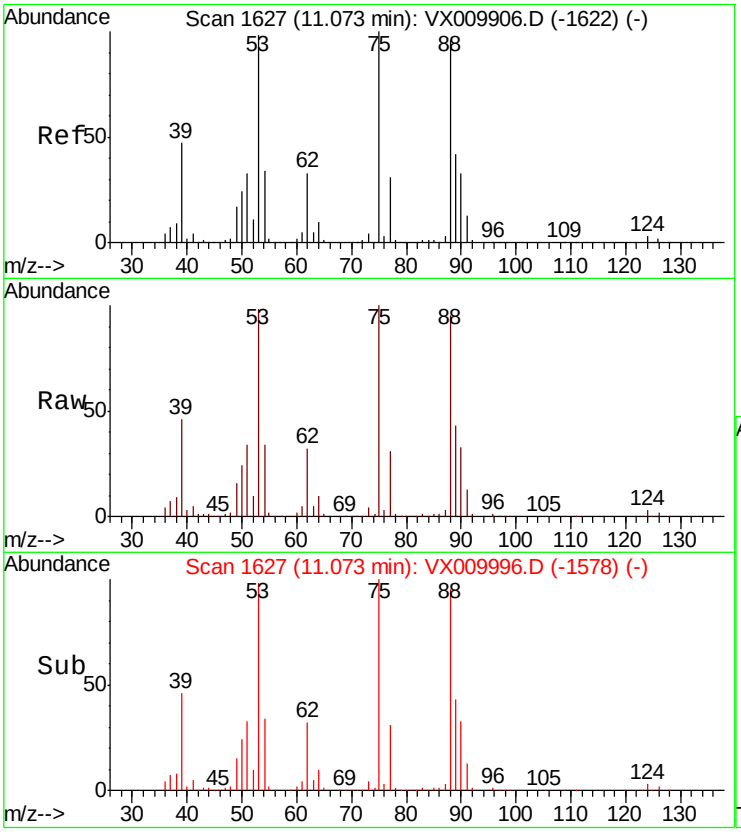




#80
1,3,5-Trimethylbenzene
Concen: 52.164 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion:105 Resp: 374119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.8 | 24.1 | 72.3 |



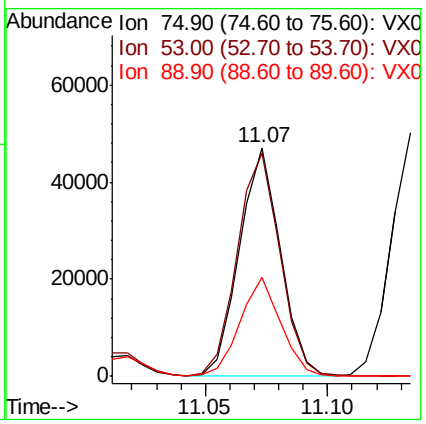


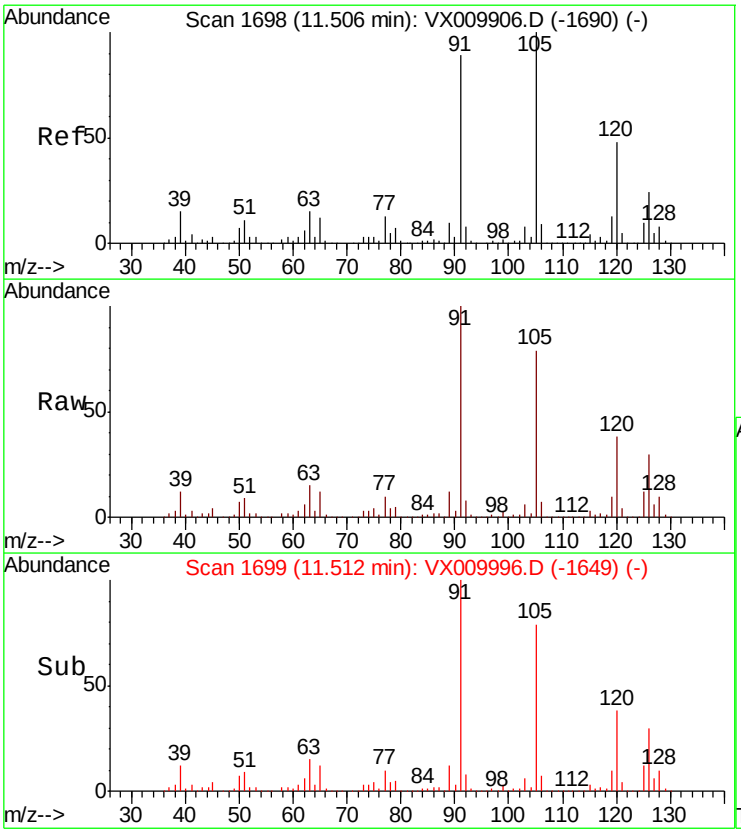

#81
trans-1,4-Dichloro-2-butene
Concen: 48.798 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 75 Resp: 54418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 103.2 | 79.8 | 119.6 |
| 89 | 43.6 | 34.2 | 51.4 |

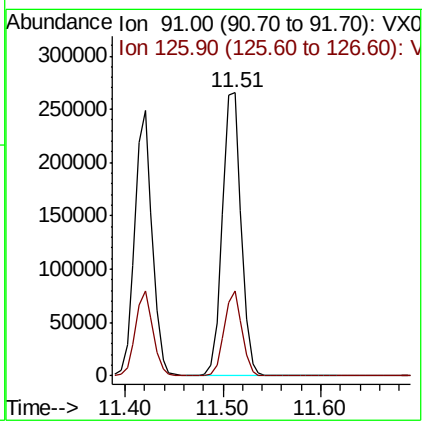


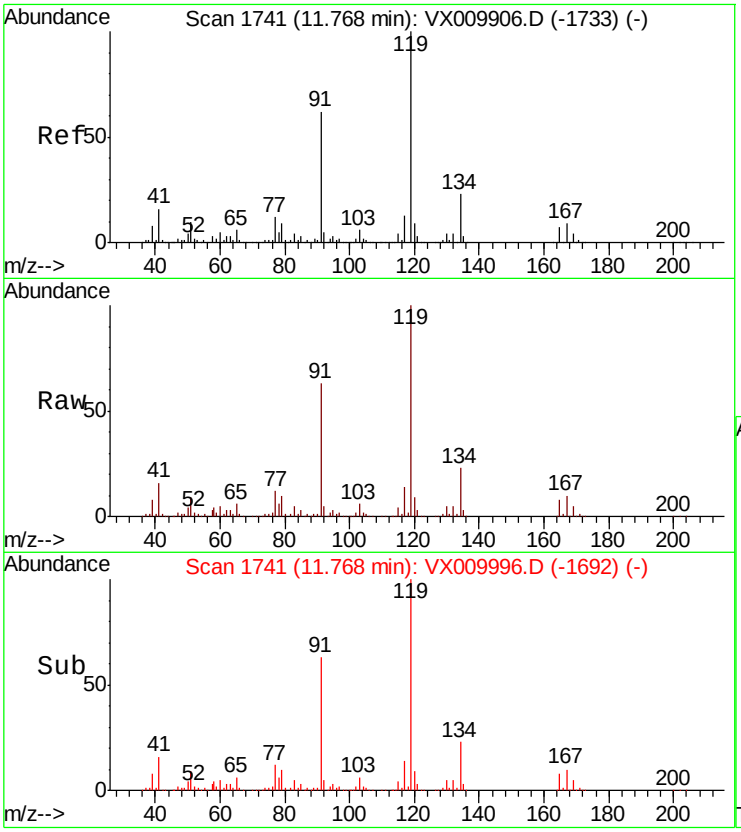




#82
4-Chlorotoluene
Concen: 50.780 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 91 Resp: 354399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 28.3 | 14.2 | 42.6 |



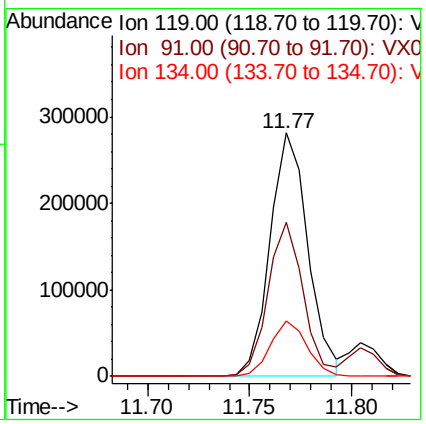


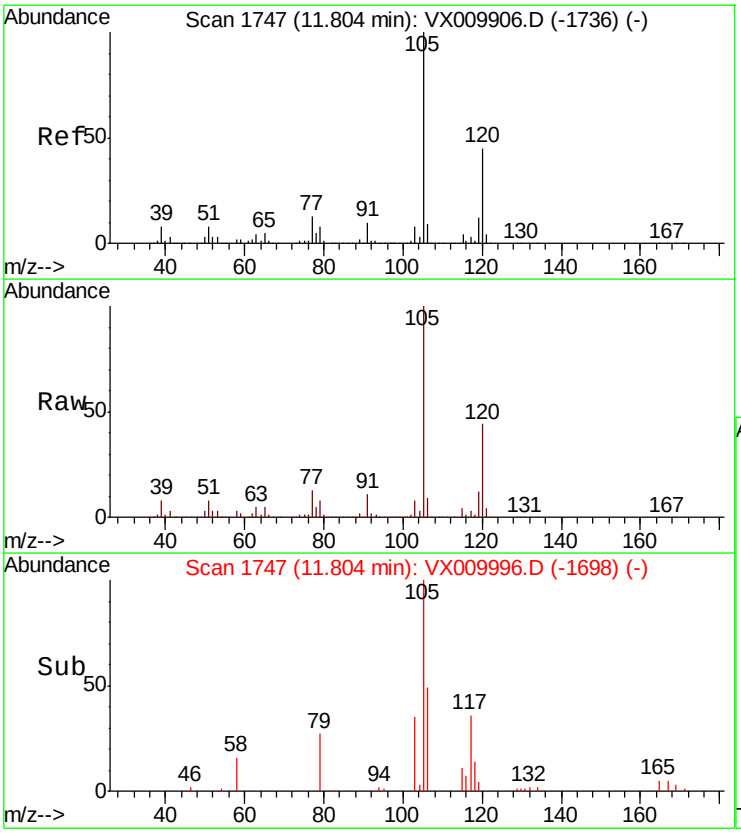

#83
tert-Butylbenzene
Concen: 53.115 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion:119 Resp: 364448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 59.2 | 30.0 | 90.0 |
| 134 | 22.1 | 11.2 | 33.5 |

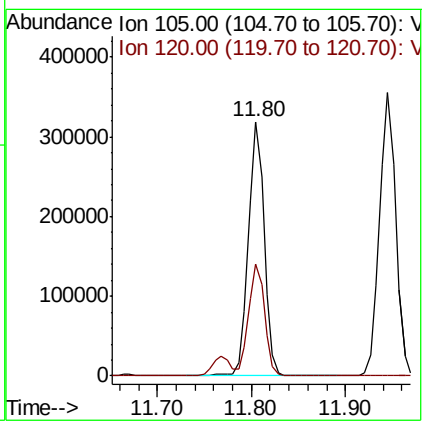


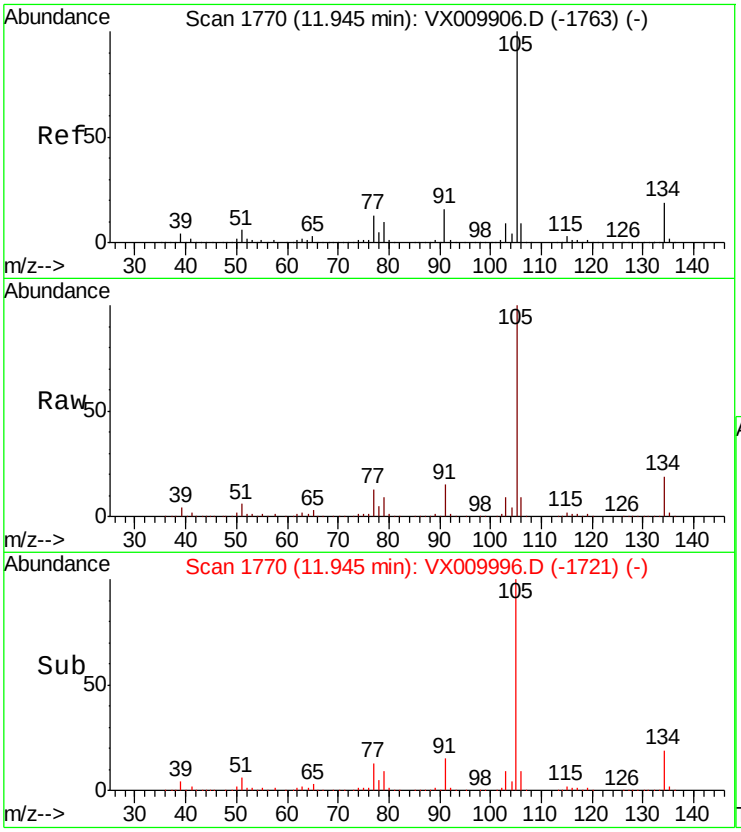




#84
1,2,4-Trimethylbenzene
Concen: 51.726 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion:105 Resp: 376748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.6 | 22.1 | 66.1 |



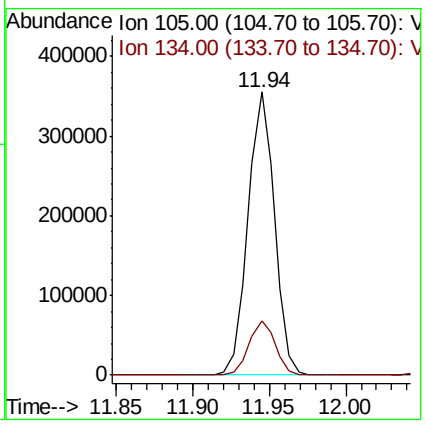


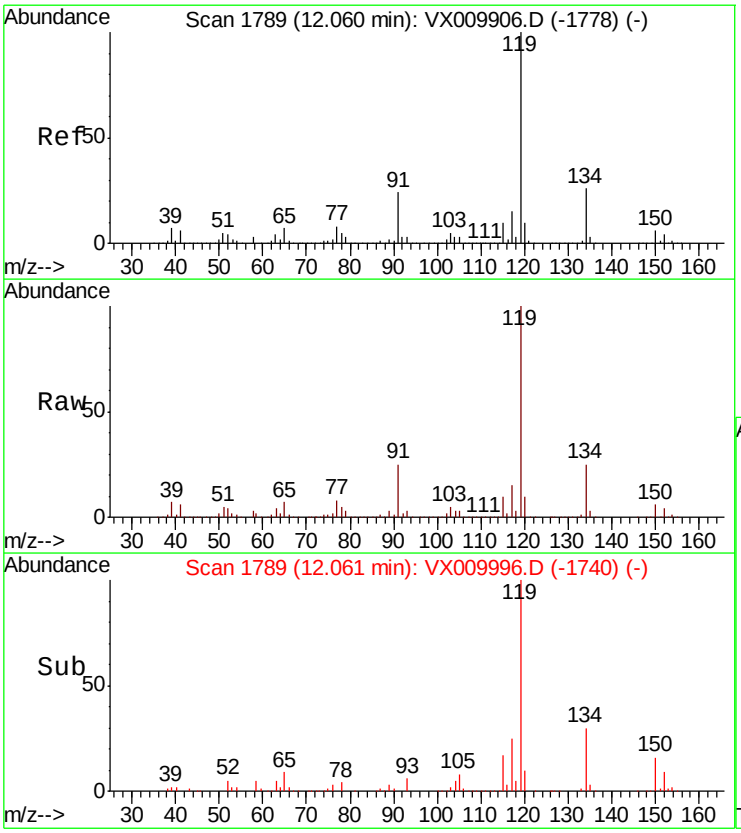

#85
sec-Butylbenzene
Concen: 52.313 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion:105 Resp: 427028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.1 | 9.7 | 28.9 |

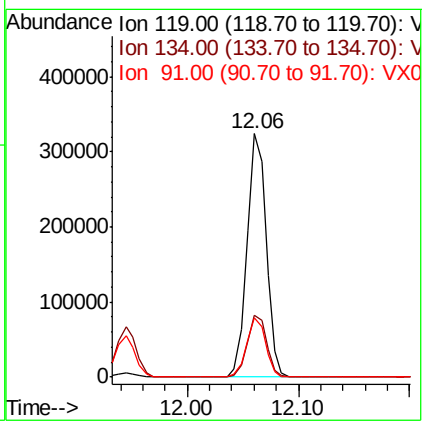


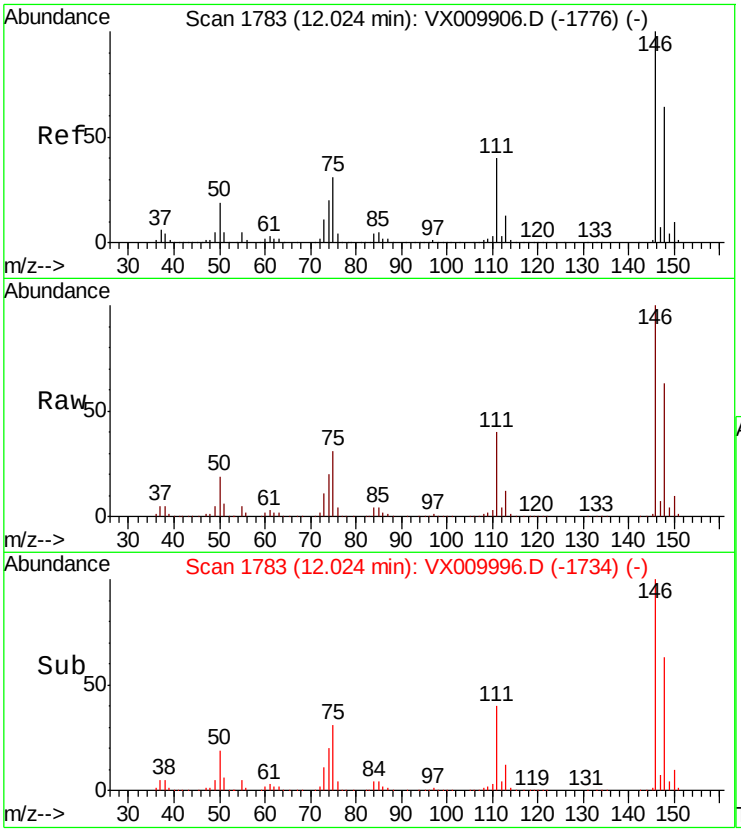




#86
p-Isopropyltoluene
Concen: 52.768 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion:119 Resp: 387438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.7 | 12.9 | 38.6 |
| 91 | 24.0 | 11.9 | 35.9 |



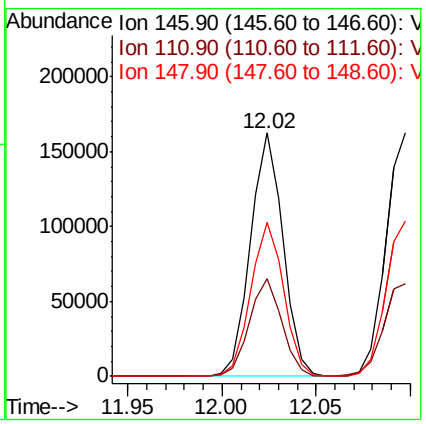


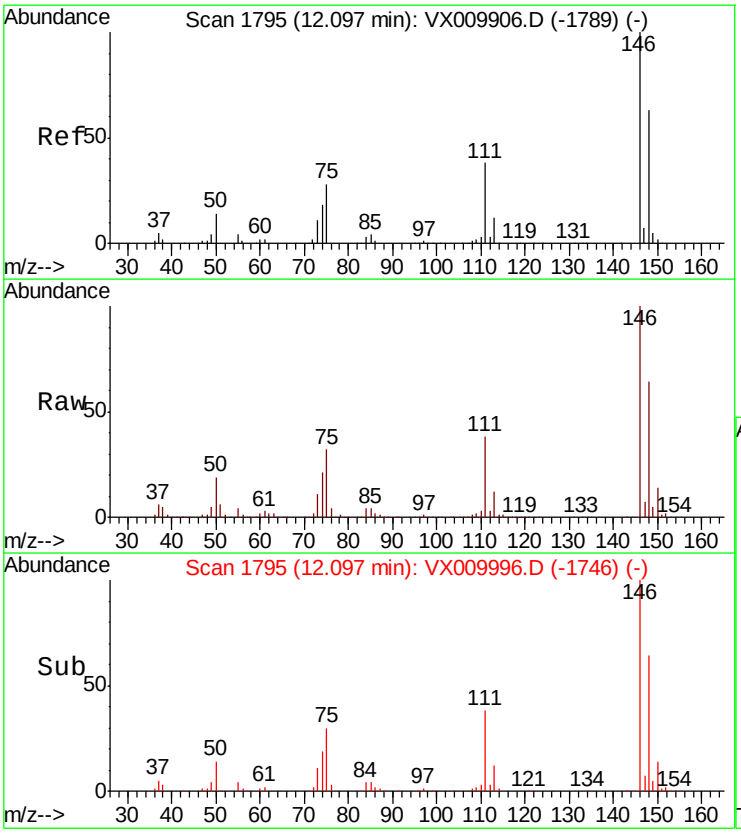

#87
1,3-Dichlorobenzene
Concen: 50.383 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion:146 Resp: 194604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.3 | 20.1 | 60.2 |
| 148 | 63.7 | 31.9 | 95.5 |

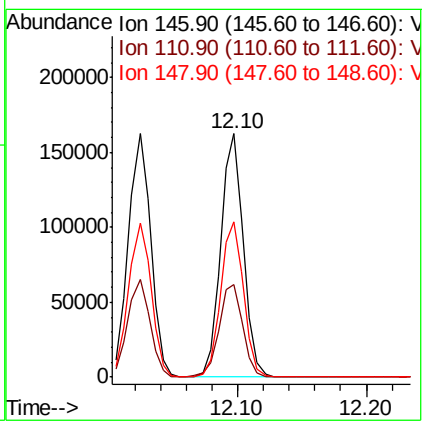


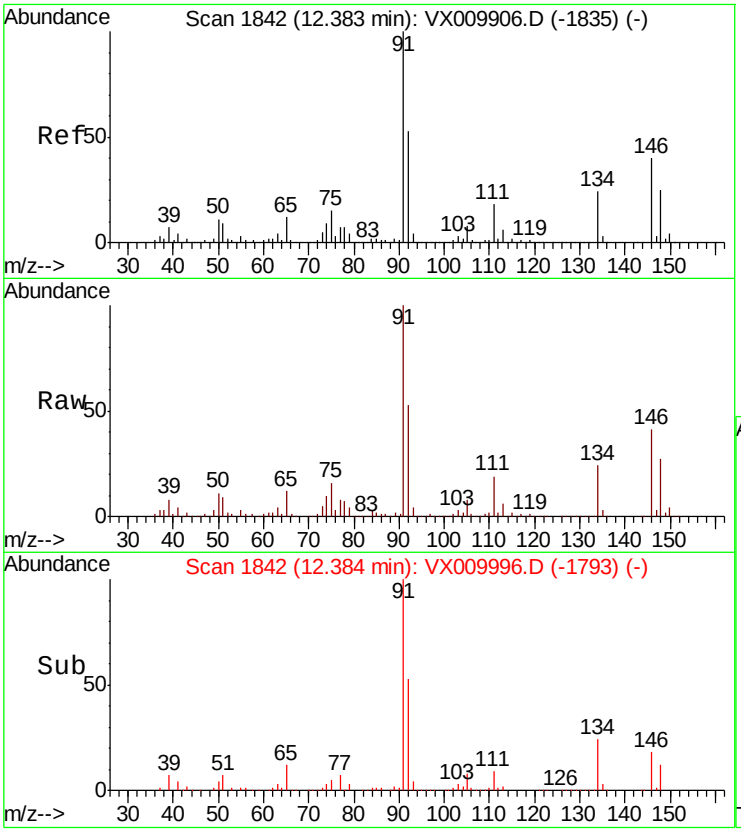




#88
1,4-Dichlorobenzene
Concen: 50.972 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion:146 Resp: 200784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.7 | 20.0 | 59.9 |
| 148 | 64.6 | 32.3 | 96.9 |



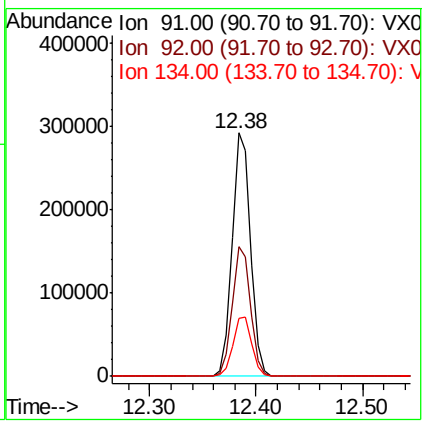


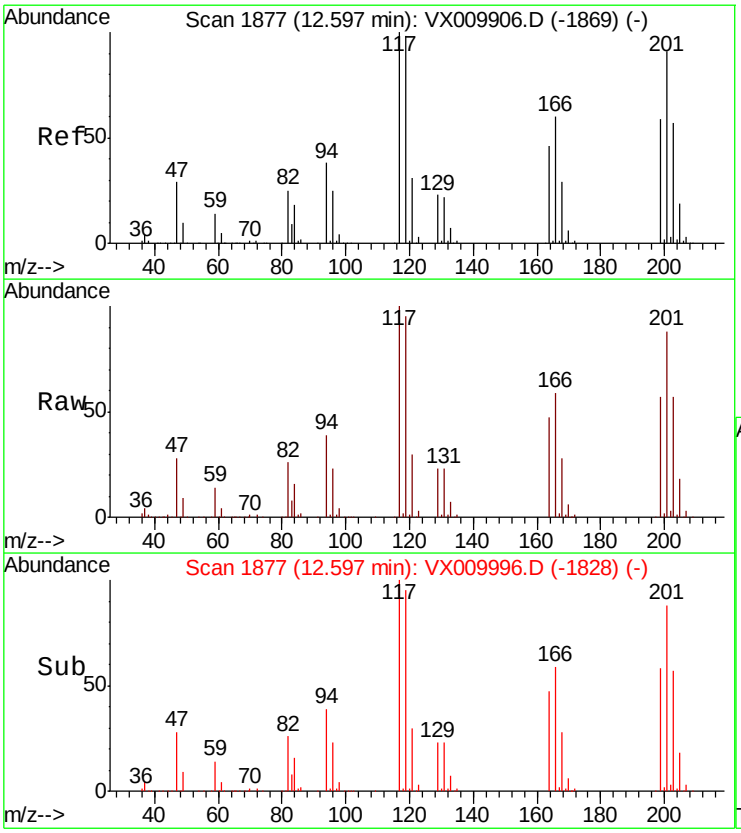

#89
n-Butylbenzene
Concen: 51.153 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion: 91 Resp: 352968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.9 | 26.3 | 78.8 |
| 134 | 25.1 | 12.3 | 36.8 |

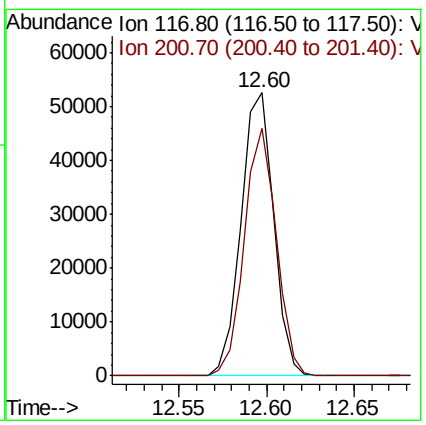


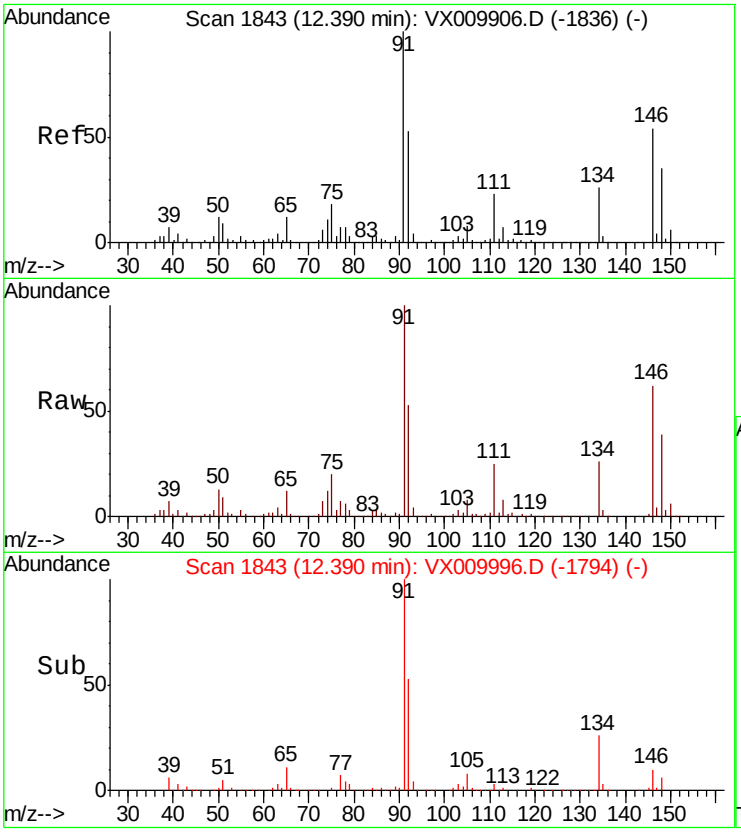




#90
Hexachloroethane
Concen: 54.129 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion:117 Resp: 68204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 85.8 | 43.6 | 130.9 |



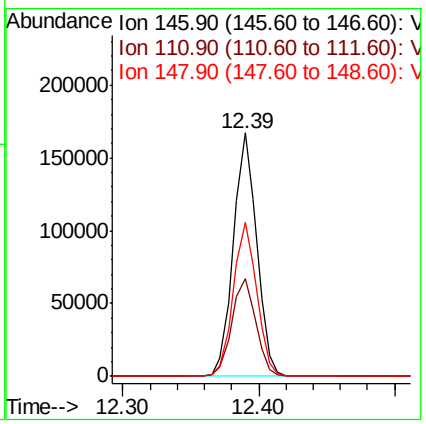


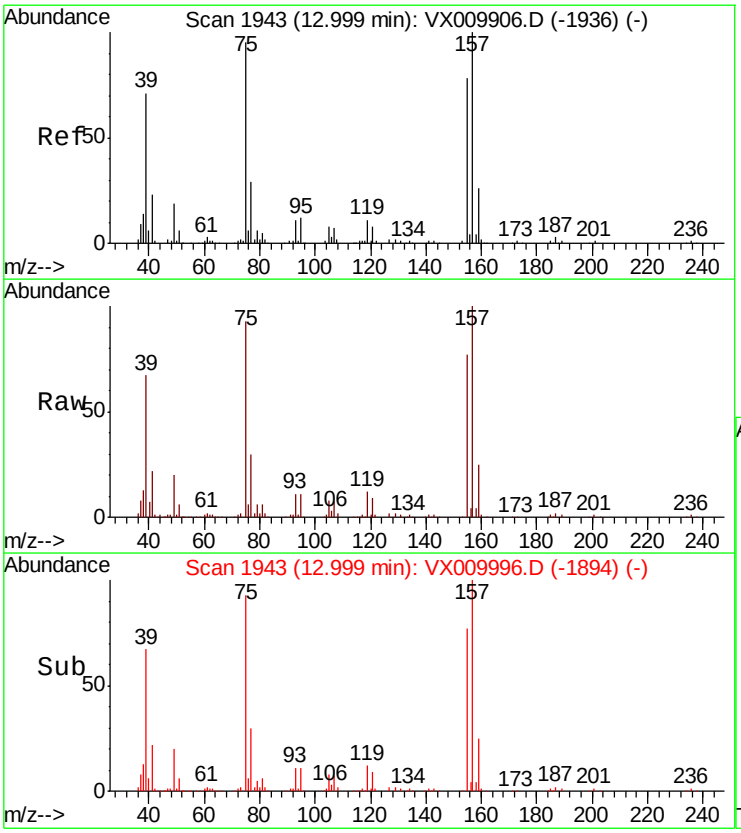

#91
1,2-Dichlorobenzene
Concen: 52.439 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion:146 Resp: 199692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.5 | 21.1 | 63.1 |
| 148 | 63.3 | 32.3 | 96.8 |

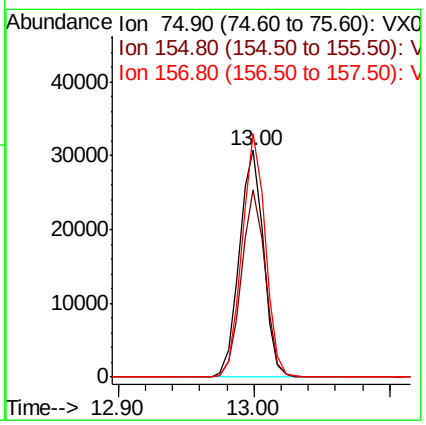


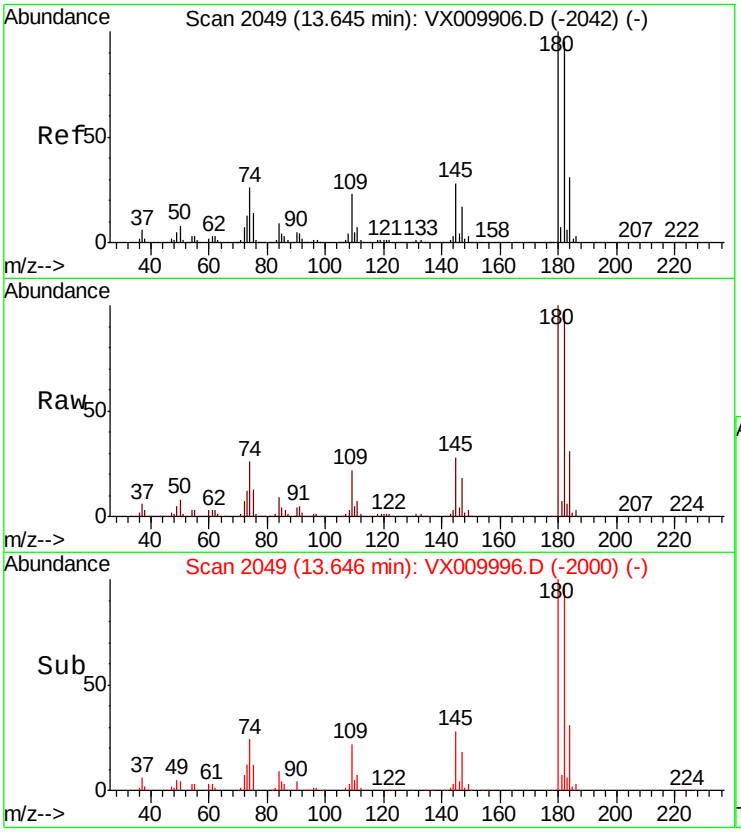




#92
1,2-Dibromo-3-Chloropropane
Concen: 50.939 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion: 75 Resp: 38081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 80.8 | 39.3 | 117.8 |
| 157 | 103.2 | 50.6 | 151.8 |



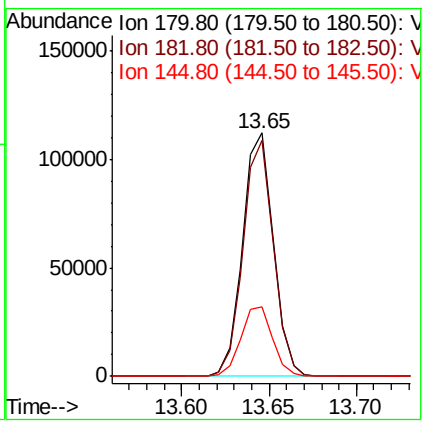


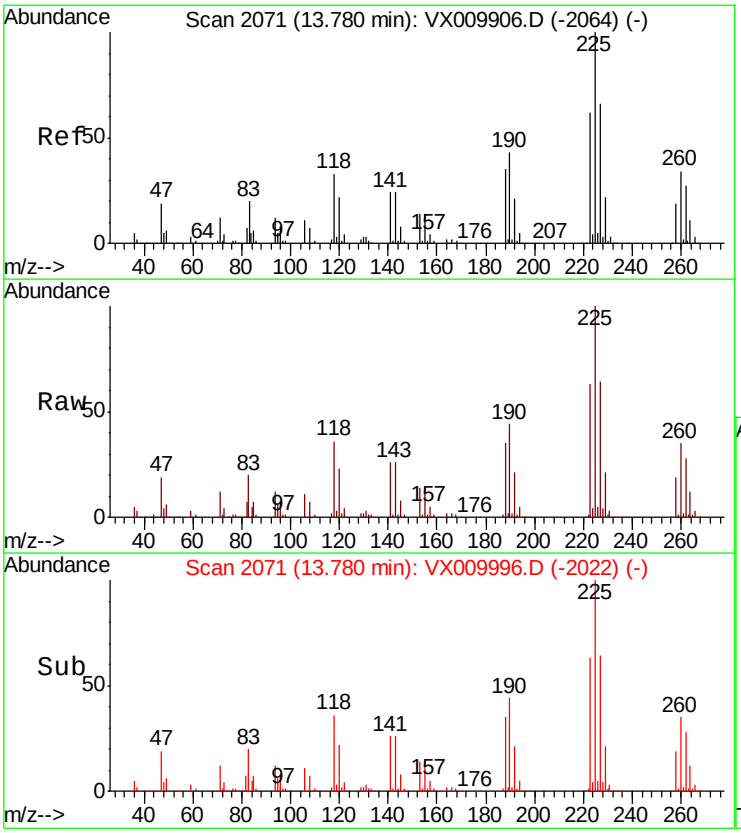

#93
1,2,4-Trichlorobenzene
Concen: 50.498 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion:180 Resp: 137423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.6 | 47.4 | 142.2 |
| 145 | 29.2 | 14.5 | 43.5 |

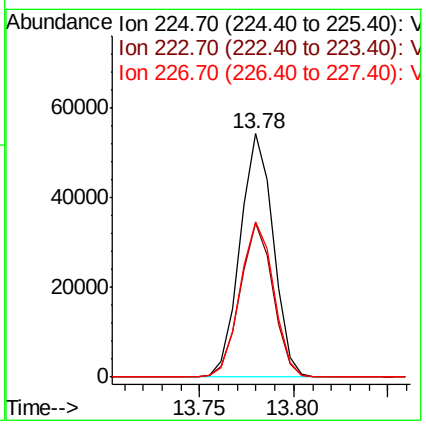


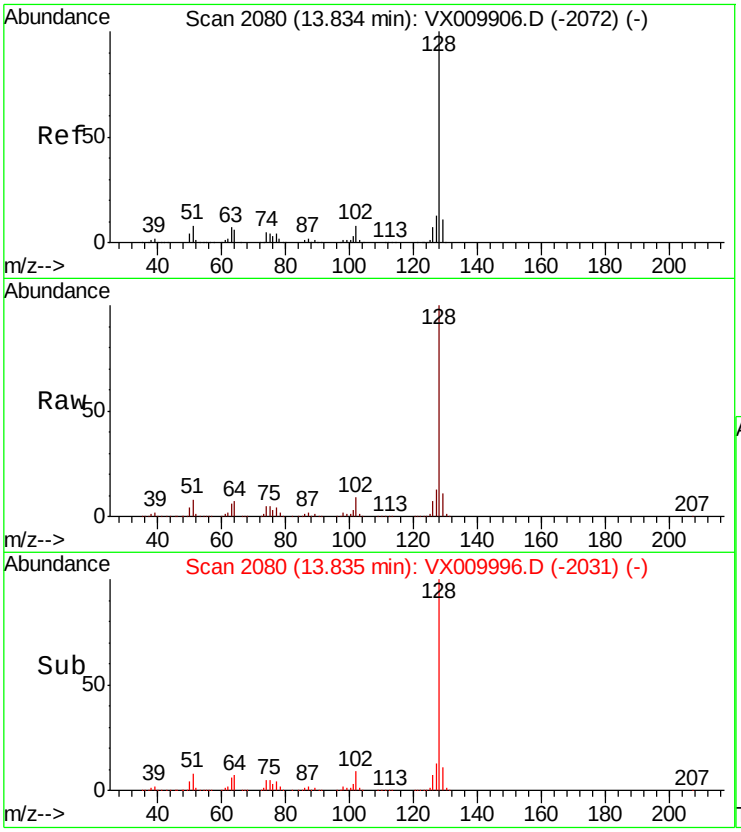




#94
Hexachlorobutadiene
Concen: 48.615 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion:225 Resp: 66358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.6 | 31.3 | 93.8 |
| 227 | 64.6 | 32.3 | 96.8 |



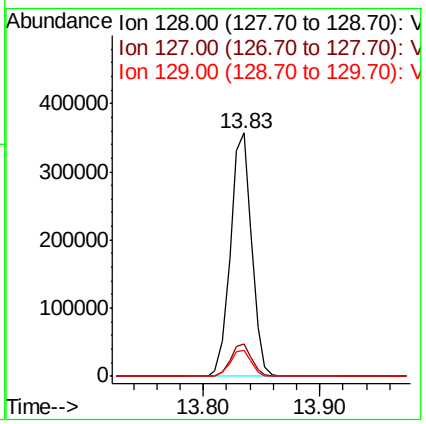


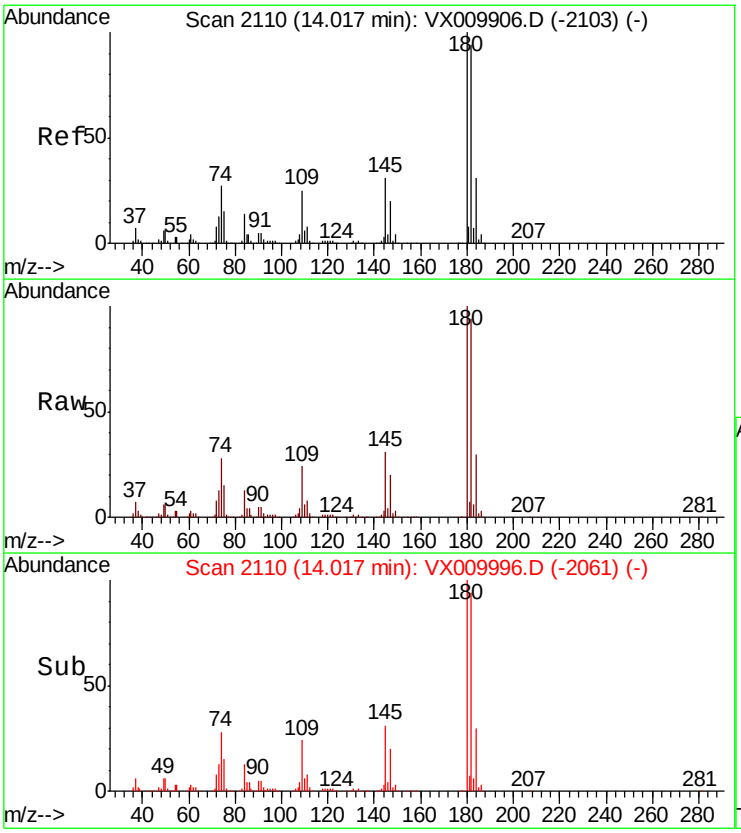

#95
Naphthalene
Concen: 53.136 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF014MW028-190530MSD

Tgt Ion:128 Resp: 449987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.1 | 10.6 | 16.0 |
| 129 | 10.7 | 8.8 | 13.2 |




#96
1,2,3-Trichlorobenzene
Concen: 50.539 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009996.D
Acq: 31 May 2019 19:31

Tgt Ion:180 Resp: 137669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.1 | 47.3 | 142.0 |
| 145 | 30.7 | 15.6 | 46.7 |