Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032319\
Data File : VX008356.D
Acq On : 23 Mar 2019 17:46
Operator : JC/SP
Sample : VX0323WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VX0323WBS01

Quant Time: Mar 25 07:59:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 15:27:34 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.66 | 168 | 206070 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 357746 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 318135 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 145947 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 151689 | 48.26 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.52% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 112679 | 48.61 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.22% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 447885 | 48.86 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.72% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 161656 | 48.03 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.06% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 43876 | 18.808 | ug/l | 99 |
| 3) Chloromethane | 1.32 | 50 | 68402 | 19.780 | ug/l | 98 |
| 4) Vinyl Chloride | 1.40 | 62 | 64608 | 19.142 | ug/l | 99 |
| 5) Bromomethane | 1.64 | 94 | 43693 | 20.557 | ug/l | 100 |
| 6) Chloroethane | 1.72 | 64 | 37888 | 19.167 | ug/l | 100 |
| 7) Trichlorofluoromethane | 1.93 | 101 | 71714 | 18.684 | ug/l | 97 |
| 8) Diethyl Ether | 2.18 | 74 | 34086 | 18.547 | ug/l | 90 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 42376 | 18.637 | ug/l | 89 |
| 10) Methyl Iodide | 2.51 | 142 | 51572 | 17.878 | ug/l | 97 |
| 11) Tert butyl alcohol | 3.04 | 59 | 66916 | 95.585 | ug/l | 98 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 43933 | 18.718 | ug/l | 91 |
| 13) Acrolein | 2.29 | 56 | 53851 | 90.018 | ug/l | 97 |
| 14) Allyl chloride | 2.73 | 41 | 97894 | 18.854 | ug/l | 94 |
| 15) Acrylonitrile | 3.14 | 53 | 174644 | 97.416 | ug/l | 99 |
| 16) Acetone | 2.44 | 43 | 148925 | 94.797 | ug/l | 98 |
| 17) Carbon Disulfide | 2.57 | 76 | 133493 | 17.787 | ug/l | 98 |
| 18) Methyl Acetate | 2.77 | 43 | 74204 | 18.870 | ug/l | 98 |
| 19) Methyl tert-butyl Ether | 3.20 | 73 | 163760 | 19.372 | ug/l | 100 |
| 20) Methylene Chloride | 2.85 | 84 | 53643 | 18.968 | ug/l | 92 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 47017 | 18.500 | ug/l | 95 |
| 22) Diisopropyl ether | 3.85 | 45 | 196552 | 19.442 | ug/l # | 86 |
| 23) Vinyl Acetate | 3.81 | 43 | 876743 | 98.223 | ug/l | 97 |
| 24) 1,1-Dichloroethane | 3.70 | 63 | 98087 | 19.030 | ug/l | 98 |
| 25) 2-Butanone | 4.67 | 43 | 251762 | 97.325 | ug/l | 96 |
| 26) 2,2-Dichloropropane | 4.59 | 77 | 59269 | 17.847 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 54460 | 18.709 | ug/l | 89 |
| 28) Bromochloromethane | 5.01 | 49 | 54545 | 21.198 | ug/l # | 78 |
| 29) Tetrahydrofuran | 5.13 | 42 | 167540 | 97.543 | ug/l | 95 |
| 30) Chloroform | 5.21 | 83 | 88446 | 19.032 | ug/l | 98 |
| 31) Cyclohexane | 5.57 | 56 | 93259 | 18.868 | ug/l | 92 |
| 32) 1,1,1-Trichloroethane | 5.49 | 97 | 68985 | 18.763 | ug/l | 95 |
| 36) 1,1-Dichloropropene | 5.80 | 75 | 68384 | 18.706 | ug/l | 96 |
| 37) Ethyl Acetate | 4.84 | 43 | 94301 | 19.060 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.78 | 117 | 57329 | 18.295 | ug/l | 99 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032319\
Data File : VX008356.D
Acq On : 23 Mar 2019 17:46
Operator : JC/SP
Sample : VX0323WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VX0323WBS01

Quant Time: Mar 25 07:59:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 15:27:34 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.46 | 83 | 82914 | 18.504 ug/l | | 94 |
| 40) Benzene | 6.14 | 78 | 211557 | 19.003 ug/l | | 99 |
| 41) Methacrylonitrile | 5.04 | 41 | 52927 | 19.626 ug/l | | 96 |
| 42) 1,2-Dichloroethane | 6.19 | 62 | 76148 | 18.848 ug/l | | 95 |
| 43) Isopropyl Acetate | 6.45 | 43 | 148656 | 19.296 ug/l | | 97 |
| 44) Trichloroethene | 7.21 | 130 | 47089 | 18.214 ug/l | | 85 |
| 45) 1,2-Dichloropropane | 7.51 | 63 | 60334 | 19.143 ug/l | | 98 |
| 46) Dibromomethane | 7.66 | 93 | 34458 | 18.423 ug/l | # | 84 |
| 47) Bromodichloromethane | 7.90 | 83 | 66915 | 18.756 ug/l | | 99 |
| 48) Methyl methacrylate | 7.77 | 41 | 74403 | 19.139 ug/l | | 94 |
| 49) 1,4-Dioxane | 7.74 | 88 | 30131 | 384.157 ug/l | | 90 |
| 51) 4-Methyl-2-Pentanone | 8.64 | 43 | 494059 | 97.741 ug/l | | 97 |
| 52) Toluene | 8.78 | 92 | 125081 | 19.160 ug/l | | 97 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 69976 | 18.243 ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 8.43 | 75 | 80131 | 18.425 ug/l | # | 90 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 51813 | 19.108 ug/l | | 98 |
| 56) Ethyl methacrylate | 9.18 | 69 | 93653 | 19.509 ug/l | | 92 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 92105 | 19.067 ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.31 | 63 | 250204 | 96.667 ug/l | | 92 |
| 59) 2-Hexanone | 9.49 | 43 | 384929 | 99.200 ug/l | | 96 |
| 60) Dibromochloromethane | 9.58 | 129 | 47345 | 18.811 ug/l | | 98 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 53361 | 19.390 ug/l | | 99 |
| 64) Tetrachloroethene | 9.34 | 164 | 38134 | 18.330 ug/l | | 95 |
| 65) Chlorobenzene | 10.14 | 112 | 127215 | 19.067 ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 10.22 | 131 | 43954 | 18.997 ug/l | | 97 |
| 67) Ethyl Benzene | 10.25 | 91 | 239400 | 19.163 ug/l | | 95 |
| 68) m/p-Xylenes | 10.36 | 106 | 171197 | 38.139 ug/l | | 91 |
| 69) o-Xylene | 10.69 | 106 | 84629 | 19.281 ug/l | | 94 |
| 70) Styrene | 10.71 | 104 | 146072 | 19.189 ug/l | | 96 |
| 71) Bromoform | 10.85 | 173 | 32912 | 18.465 ug/l | # | 100 |
| 73) Isopropylbenzene | 11.02 | 105 | 224530 | 19.494 ug/l | | 98 |
| 74) N-amyl acetate | 10.90 | 43 | 135001 | 20.020 ug/l | | 97 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 87875 | 19.154 ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 11.29 | 75 | 94500 | 24.737 ug/l | | 92 |
| 77) Bromobenzene | 11.26 | 156 | 52891 | 19.407 ug/l | | 80 |
| 78) n-propylbenzene | 11.36 | 91 | 262532 | 19.448 ug/l | | 95 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 156539 | 19.037 ug/l | | 94 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 189383 | 19.329 ug/l | | 97 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 24032 | 17.927 ug/l | # | 84 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 179171 | 18.910 ug/l | | 94 |
| 83) tert-Butylbenzene | 11.77 | 119 | 180107 | 19.304 ug/l | | 94 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 190662 | 19.499 ug/l | | 97 |
| 85) sec-Butylbenzene | 11.94 | 105 | 216498 | 19.361 ug/l | | 96 |
| 86) p-Isopropyltoluene | 12.06 | 119 | 192514 | 19.532 ug/l | | 96 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 92628 | 18.924 ug/l | | 97 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 92534 | 18.580 ug/l | | 96 |
| 89) n-Butylbenzene | 12.38 | 91 | 176256 | 18.732 ug/l | | 96 |
| 90) Hexachloroethane | 12.59 | 117 | 29880 | 18.353 ug/l | | 82 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 94122 | 18.987 ug/l | | 96 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75 | 19237 | 19.674 ug/l | | 75 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032319\
Data File : VX008356.D
Acq On : 23 Mar 2019 17:46
Operator : JC/SP
Sample : VX0323WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VX0323WBS01

Quant Time: Mar 25 07:59:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 15:27:34 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 61612 | 18.431 ug/l | 98 |
| 94) Hexachlorobutadiene | 13.78 | 225 | 30103 | 19.055 ug/l | 99 |
| 95) Naphthalene | 13.83 | 128 | 229698 | 19.567 ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 64454 | 19.108 ug/l | 98 |

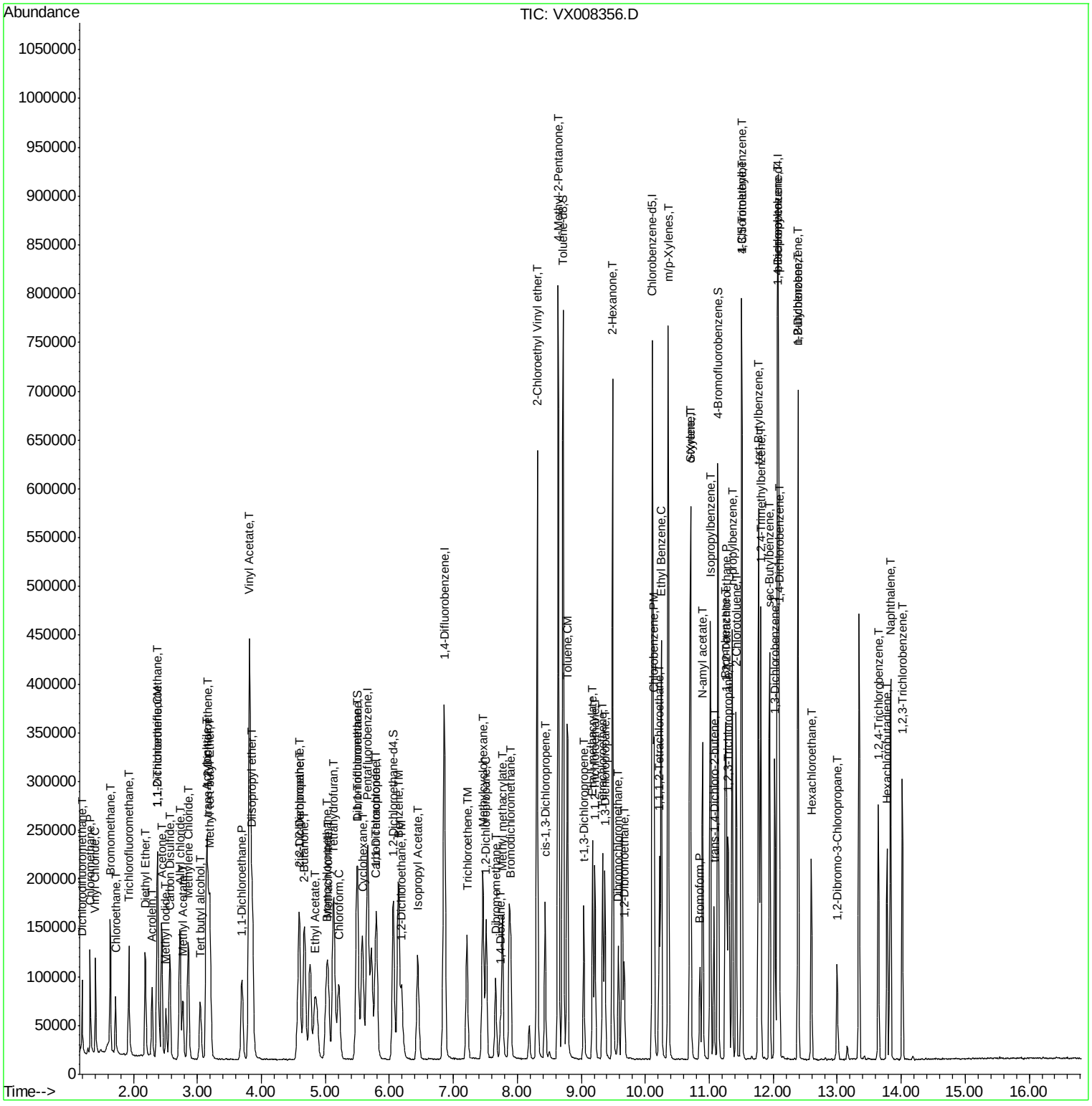
(#) = qualifier out of range (m) = manual integration (+) = signals summed

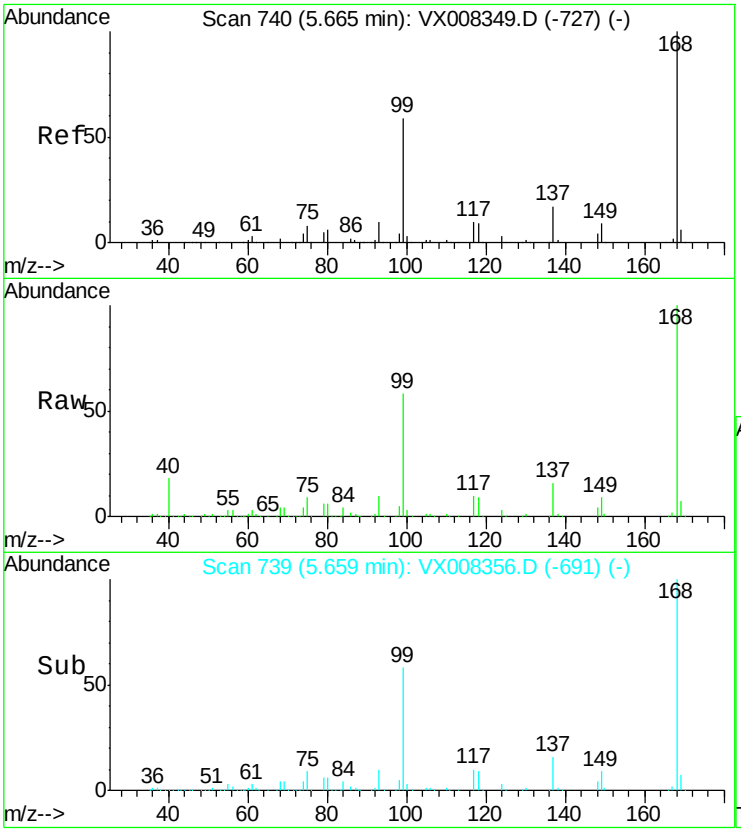
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032319\
Data File : VX008356.D
Acq On : 23 Mar 2019 17:46
Operator : JC/SP
Sample : VX0323WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Quant Time: Mar 25 07:59:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 15:27:34 2019
Response via : Initial Calibration



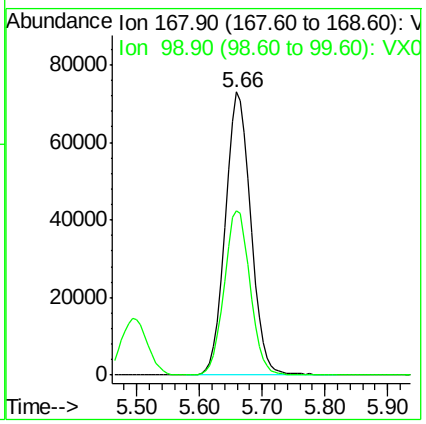


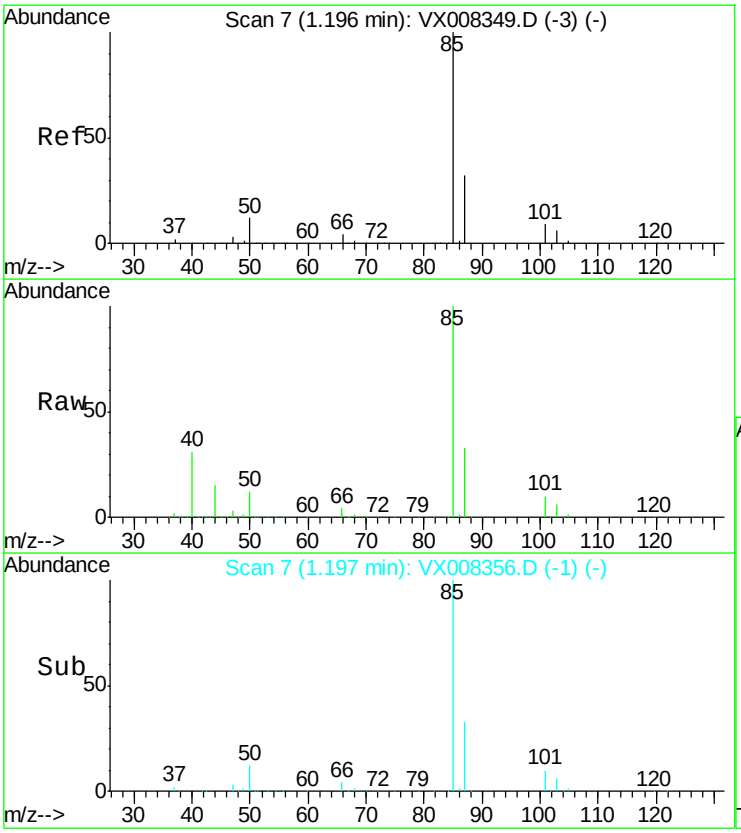

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion:168 Resp: 206070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 57.8 | 37.6 | 56.4# |

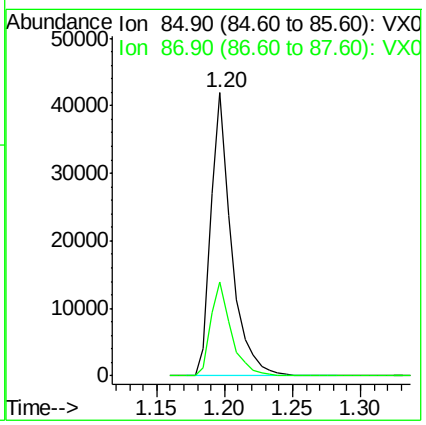


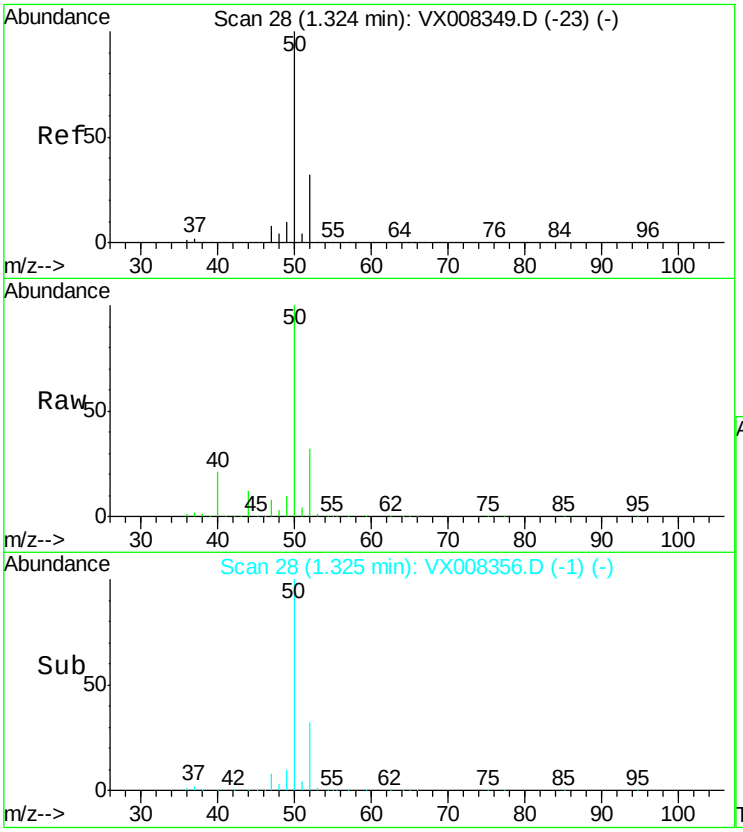




#2
Dichlorodifluoromethane
Concen: 18.808 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 85 Resp: 43876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.2 | 16.4 | 49.1 |



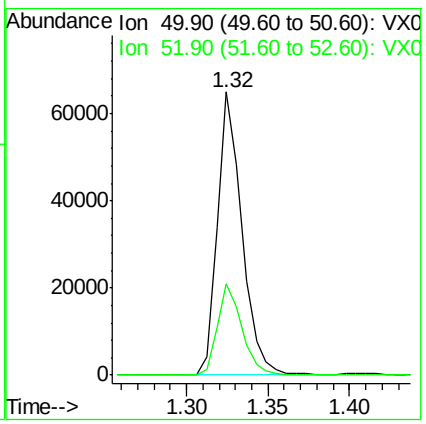


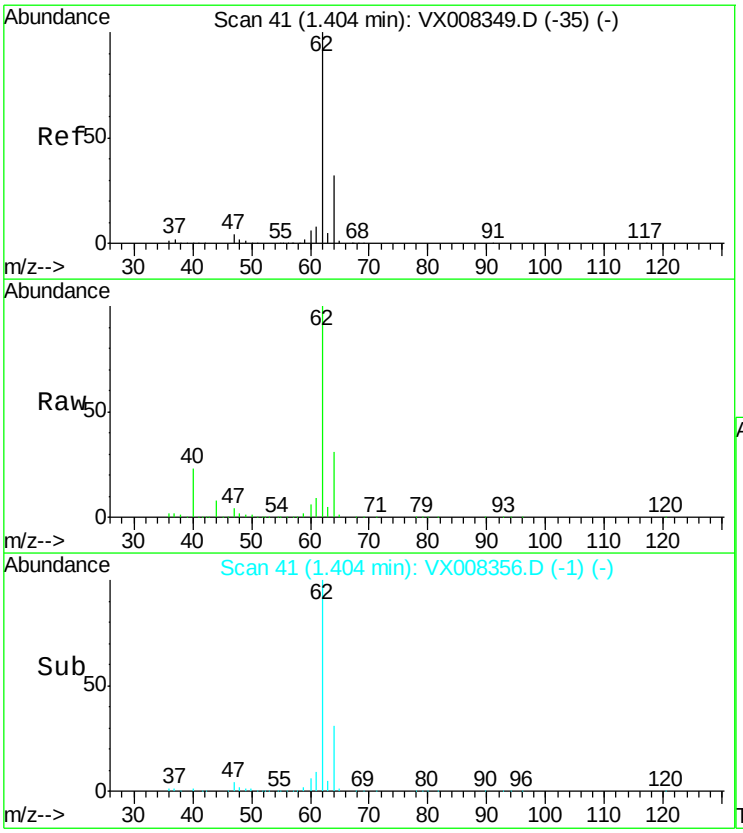

#3
Chloromethane
Concen: 19.780 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 50 Resp: 68402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.2 | 26.5 | 39.7 |

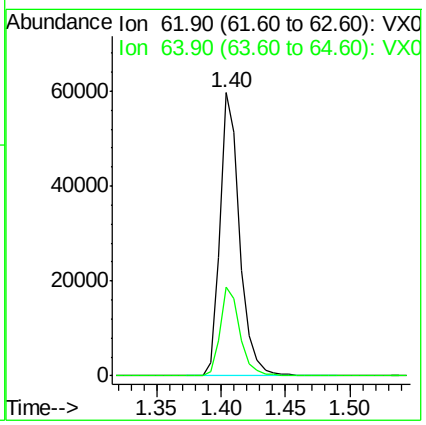


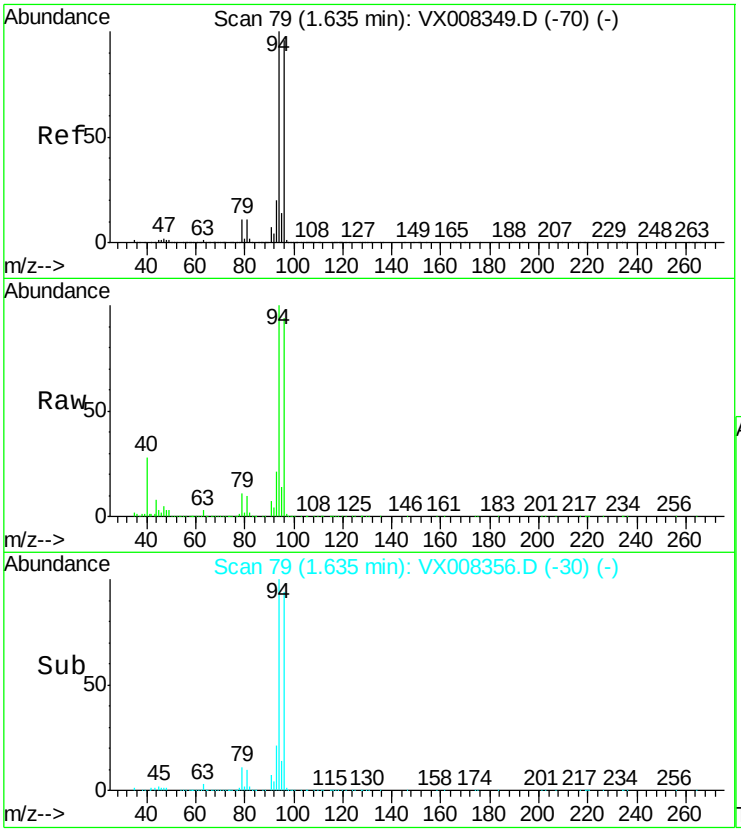




#4
Vinyl Chloride
Concen: 19.142 ug/l
RT: 1.40 min Scan# 41
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 62 Resp: 64608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.2 | 25.3 | 37.9 |



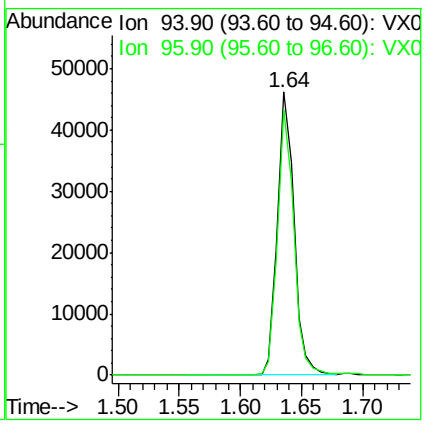


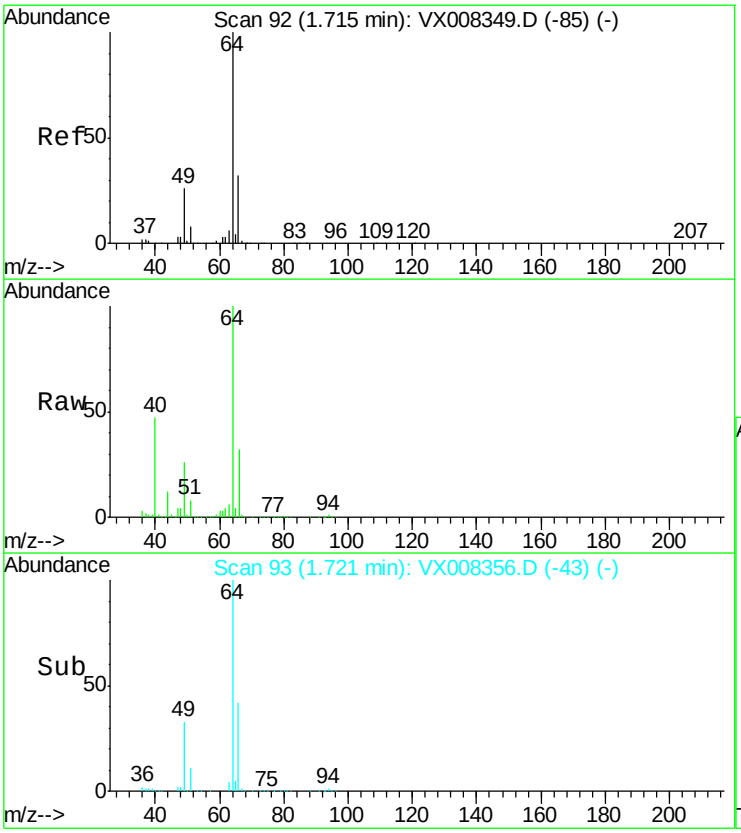

#5
Bromomethane
Concen: 20.557 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 94 Resp: 43693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.0 | 75.5 | 113.3 |

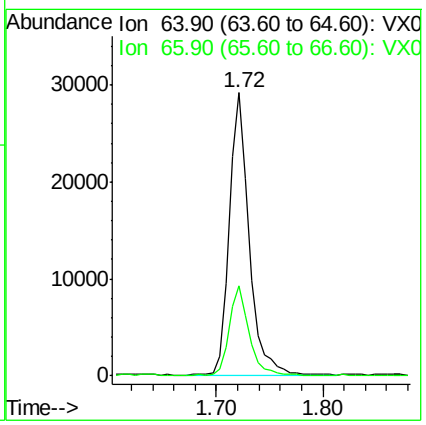


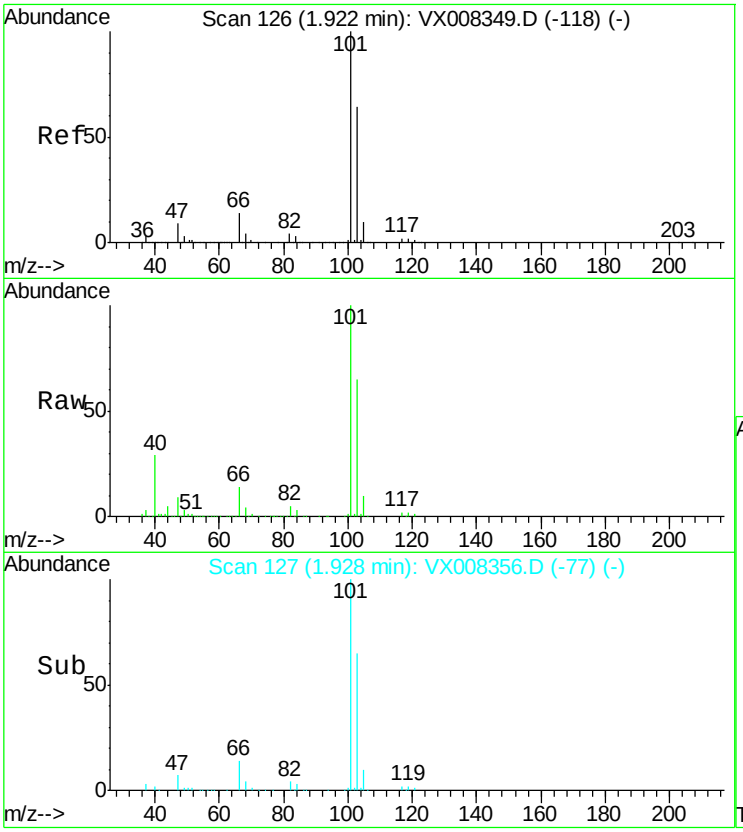




#6
Chloroethane
Concen: 19.167 ug/l
RT: 1.72 min Scan# 93
Delta R.T. 0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 64 Resp: 37888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.7 | 25.2 | 37.8 |



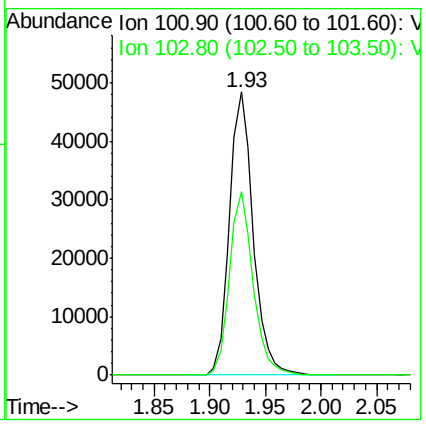


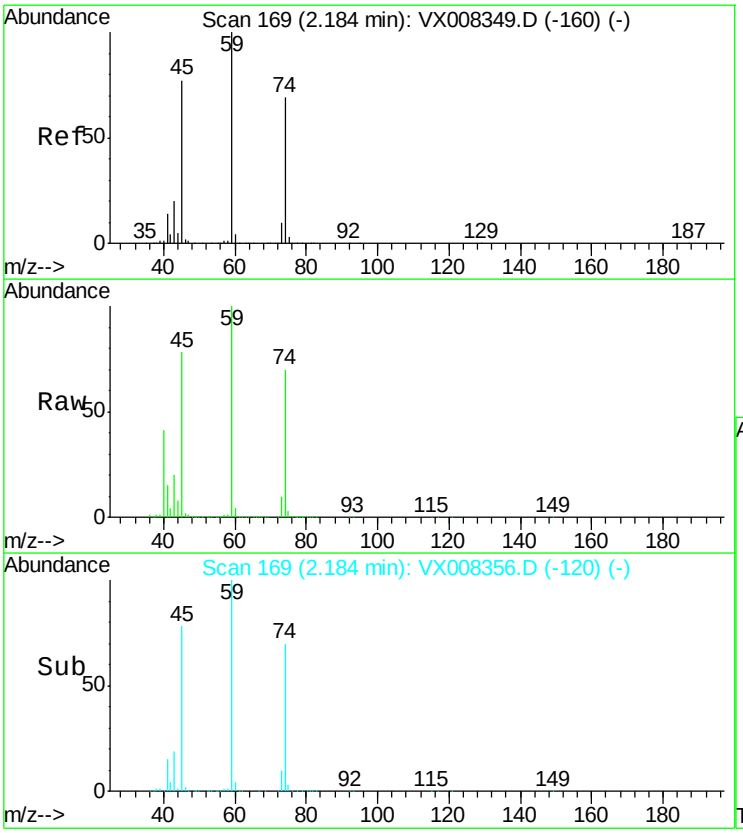

#7
Trichlorofluoromethane
Concen: 18.684 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion:101 Resp: 71714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.0 | 50.4 | 75.6 |

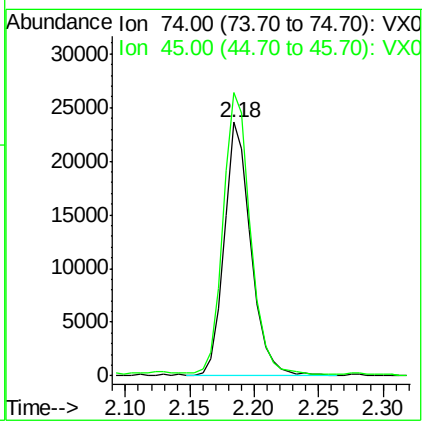


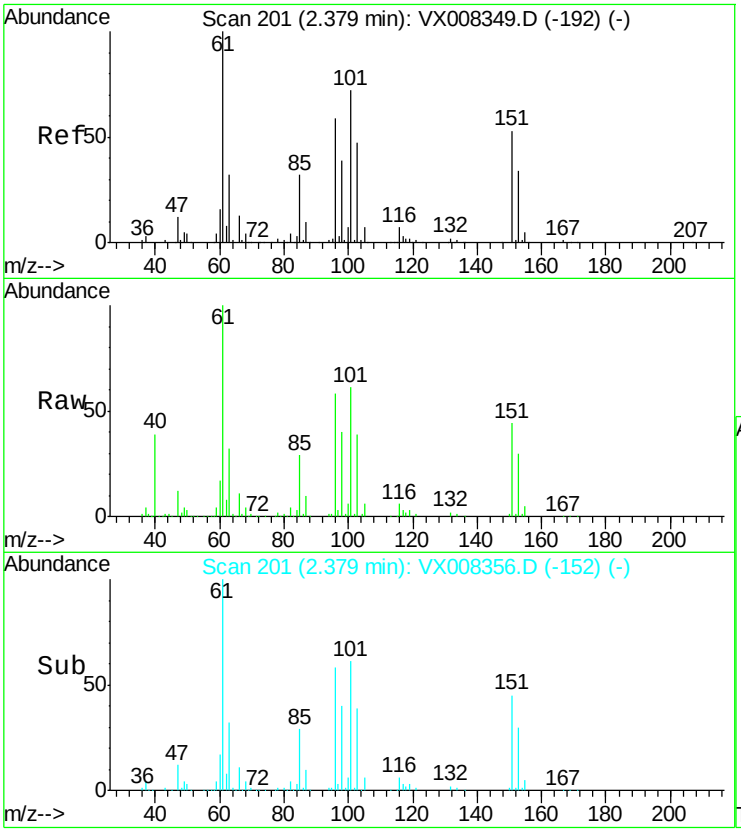




#8
Diethyl Ether
Concen: 18.547 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 74 Resp: 34086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 114.6 | 52.1 | 156.4 |



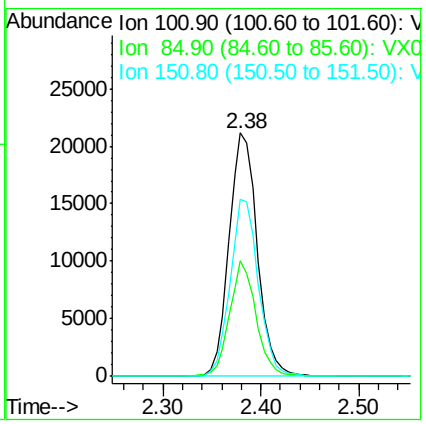


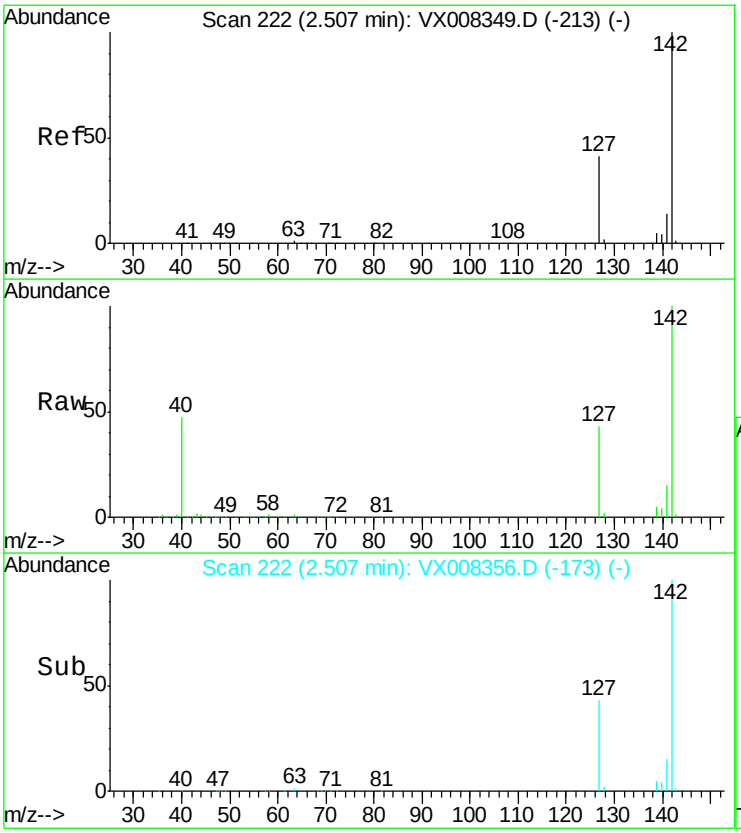

#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.637 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion:101 Resp: 42376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.5 | 33.8 | 50.6 |
| 151 | 73.0 | 69.1 | 103.7 |

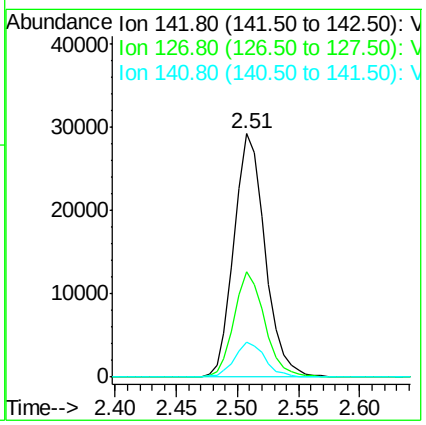


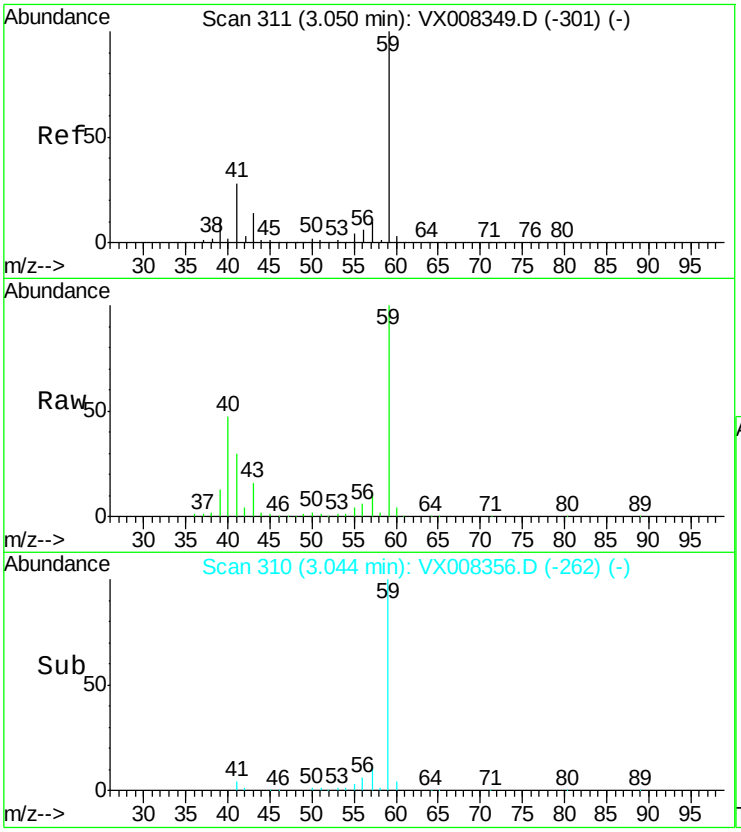




#10
Methyl Iodide
Concen: 17.878 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion:142 Resp: 51572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 42.5 | 32.1 | 48.1 |
| 141 | 14.3 | 11.4 | 17.2 |



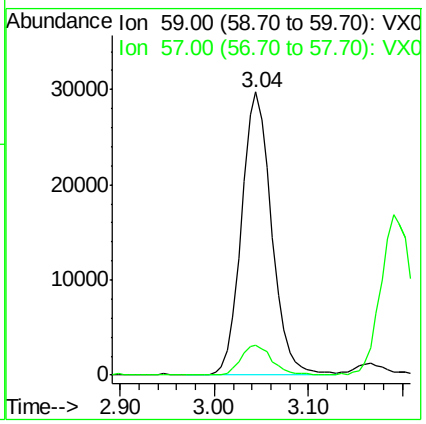


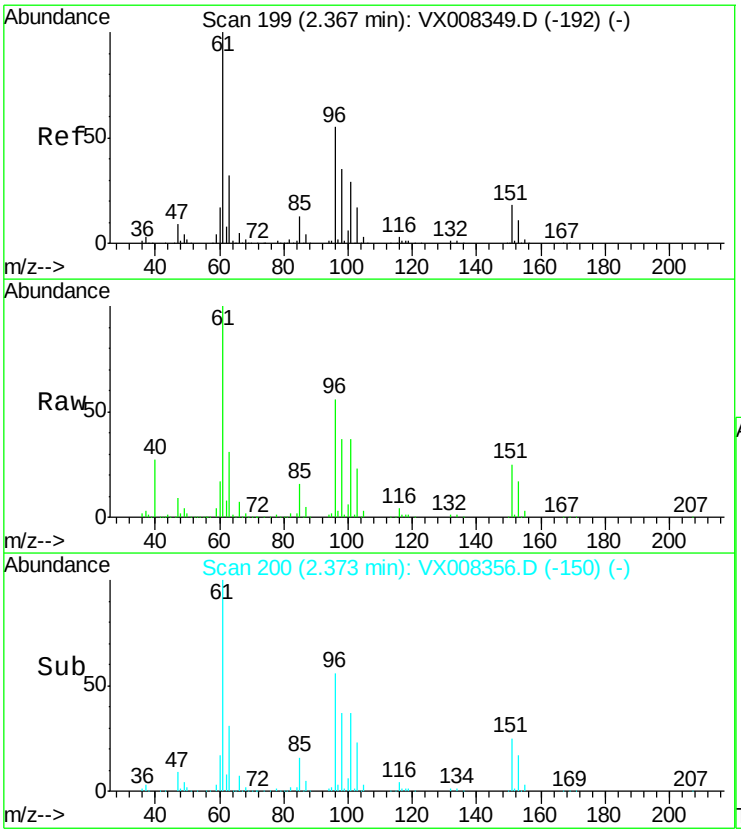

#11
Tert butyl alcohol
Concen: 95.585 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 59 Resp: 66916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.9 | 8.2 | 12.2 |

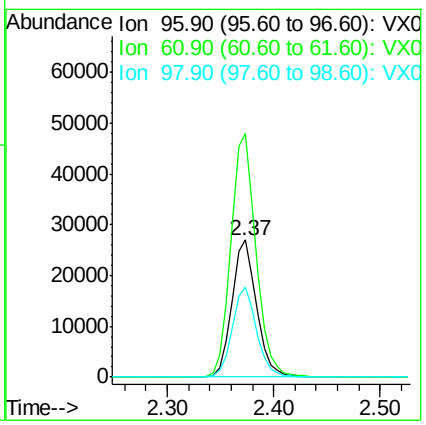


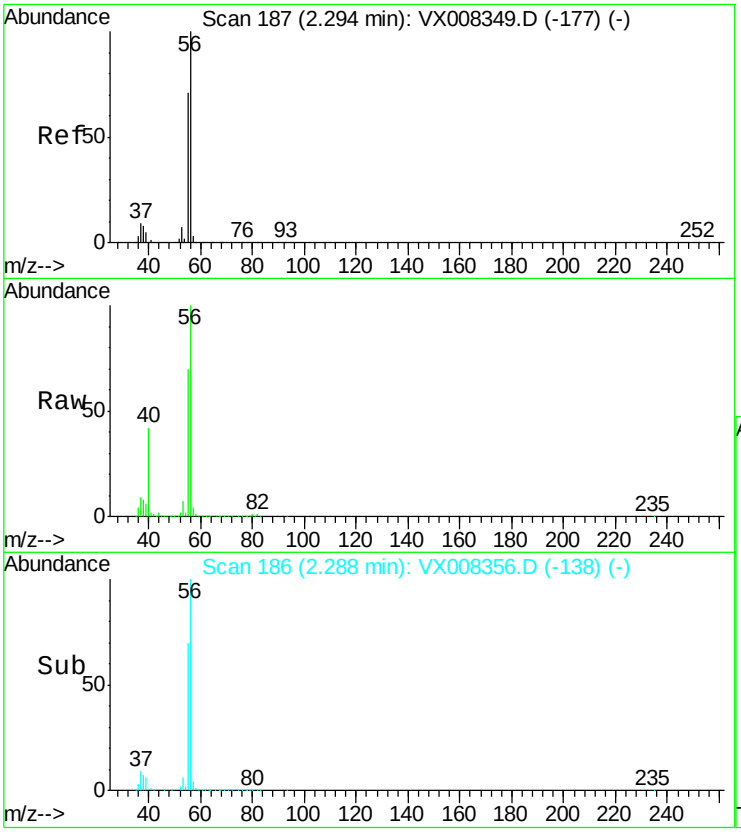




#12
1,1-Dichloroethene
Concen: 18.718 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 96 Resp: 43933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 177.6 | 129.8 | 194.6 |
| 98 | 65.5 | 51.0 | 76.6 |



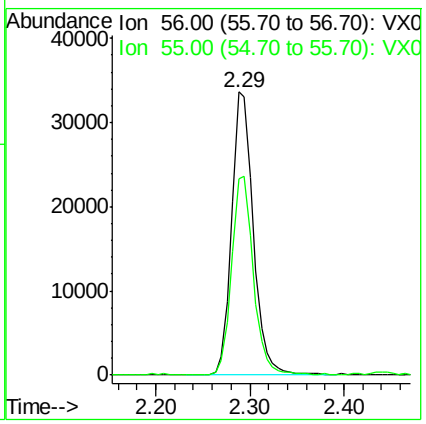


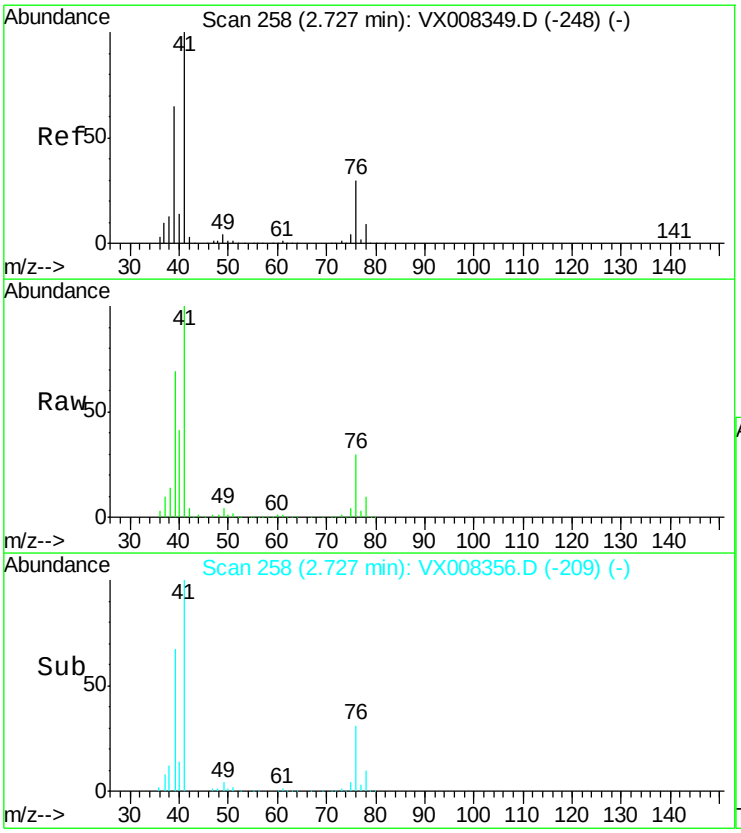

#13
Acrolein
Concen: 90.018 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 56 Resp: 53851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 69.9 | 57.8 | 86.6 |

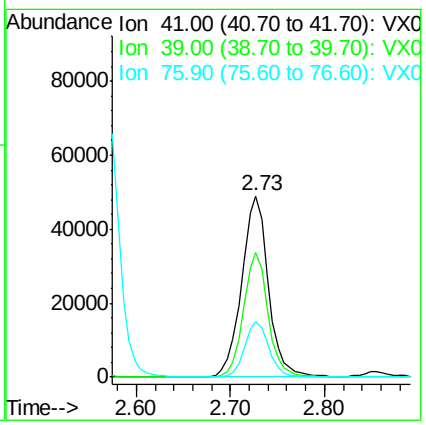


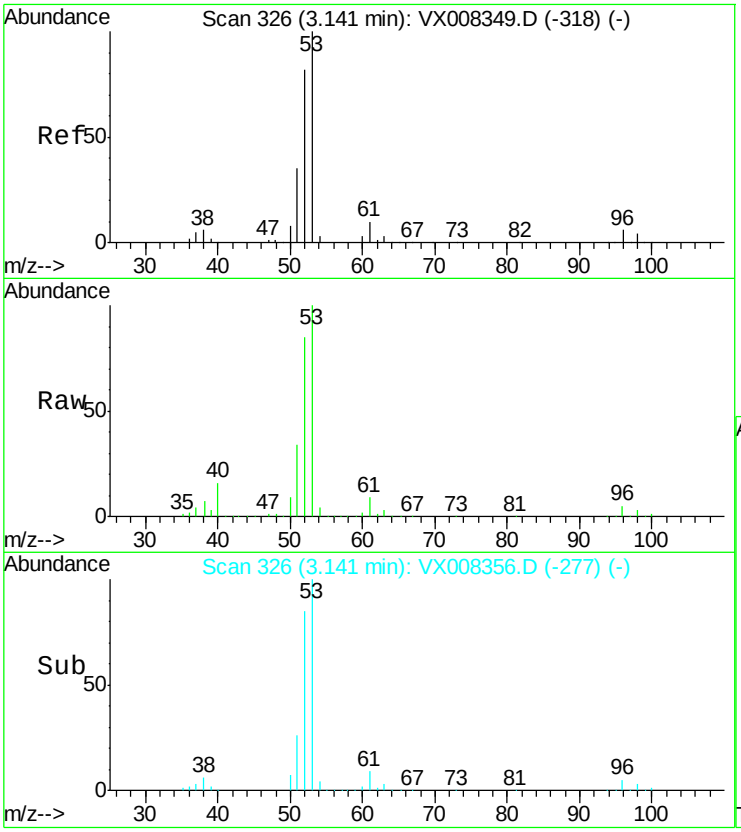




#14
Allyl chloride
Concen: 18.854 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 41 Resp: 97894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 62.2 | 46.1 | 69.1 |
| 76 | 27.6 | 24.0 | 36.0 |



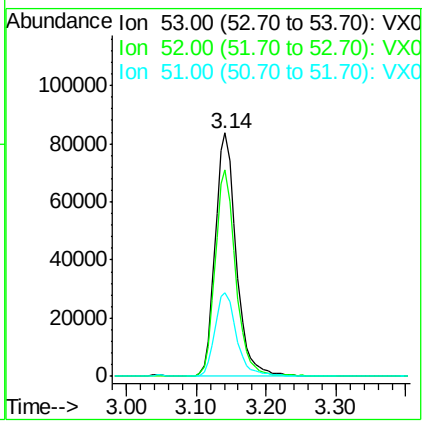


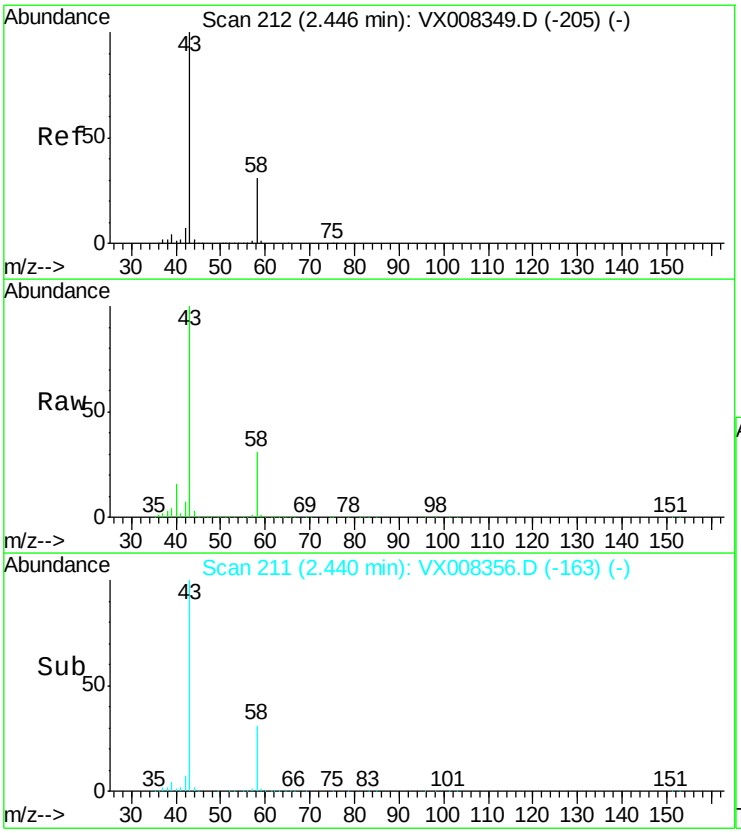

#15
Acrylonitrile
Concen: 97.416 ug/l
RT: 3.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 53 Resp: 174644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 83.0 | 66.0 | 99.0 |
| 51 | 35.3 | 28.0 | 42.0 |

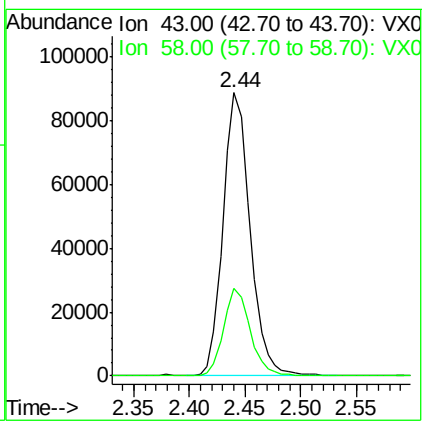


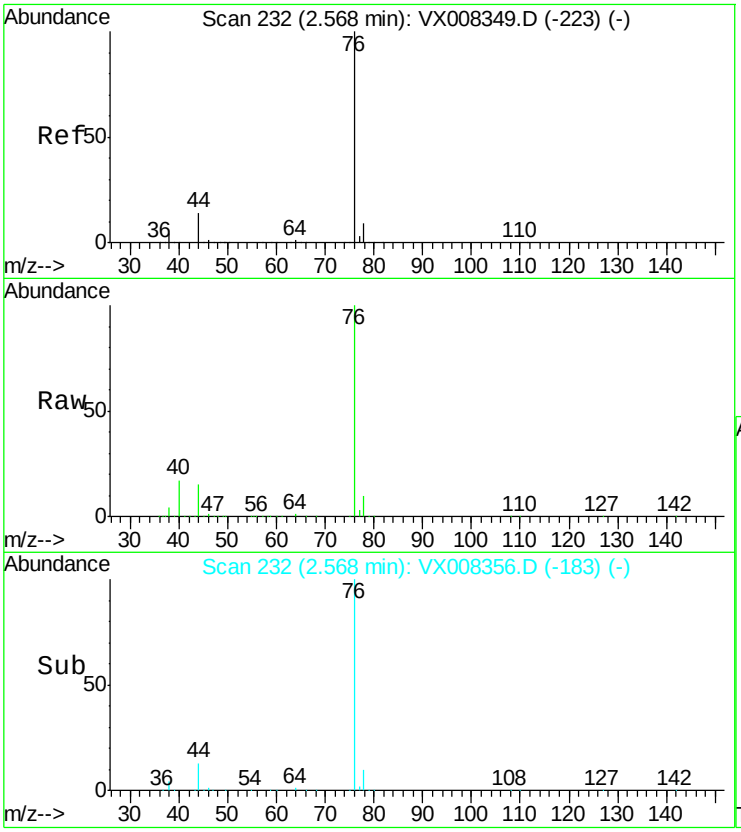




#16
Acetone
Concen: 94.797 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 43 Resp: 148925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.9 | 25.5 | 38.3 |



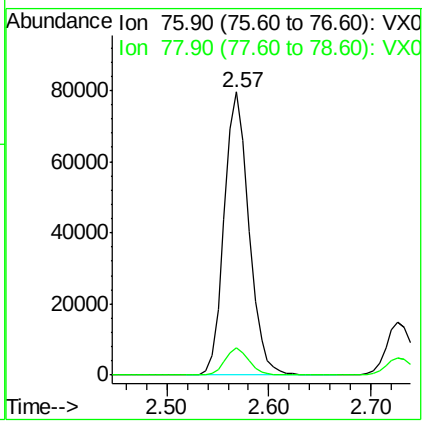


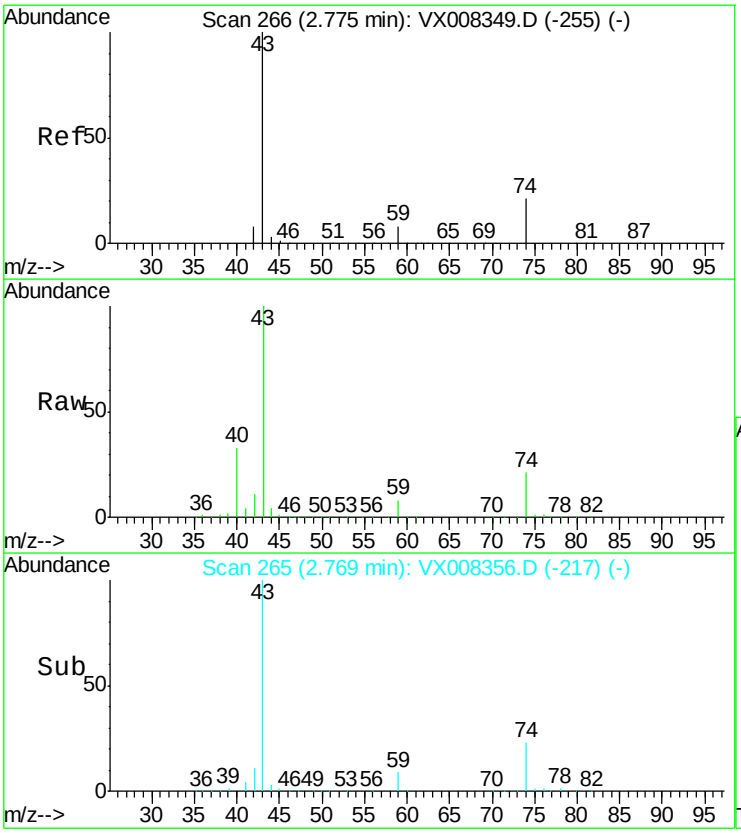

#17
Carbon Disulfide
Concen: 17.787 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 76 Resp: 133493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.8 | 7.2 | 10.8 |

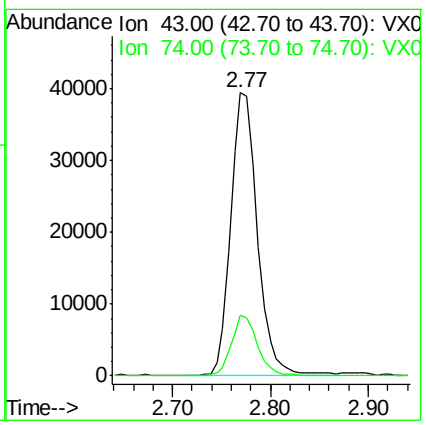


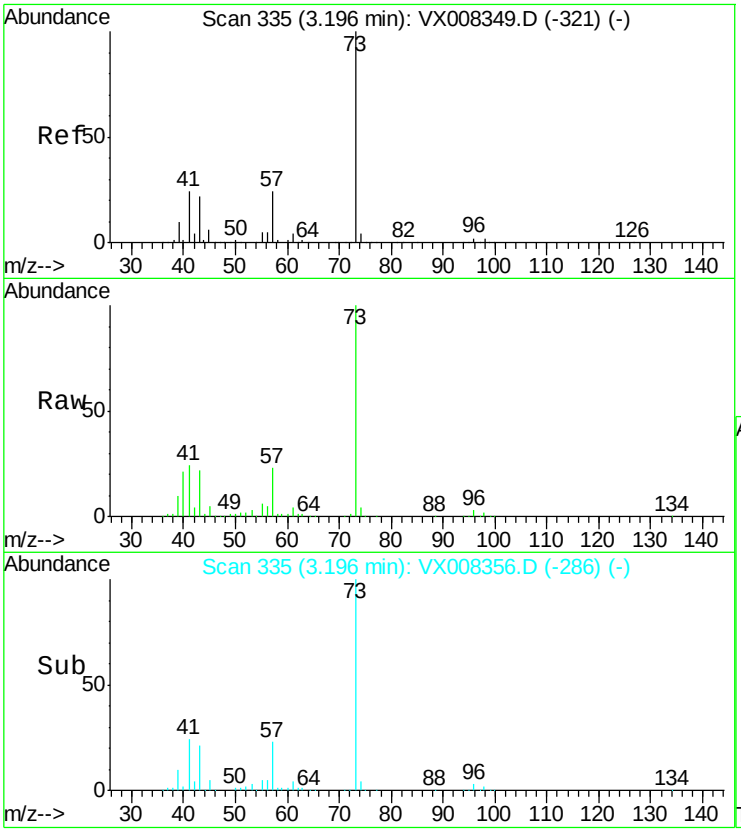




#18
Methyl Acetate
Concen: 18.870 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 43 Resp: 74204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 21.3 | 17.8 | 26.6 |



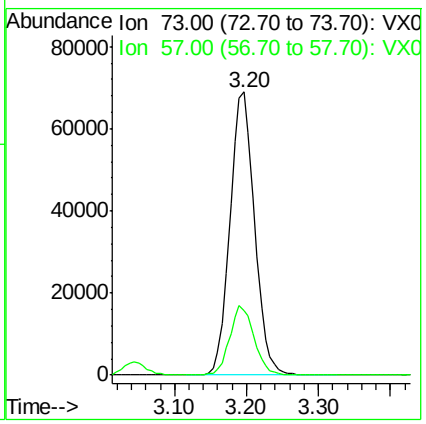


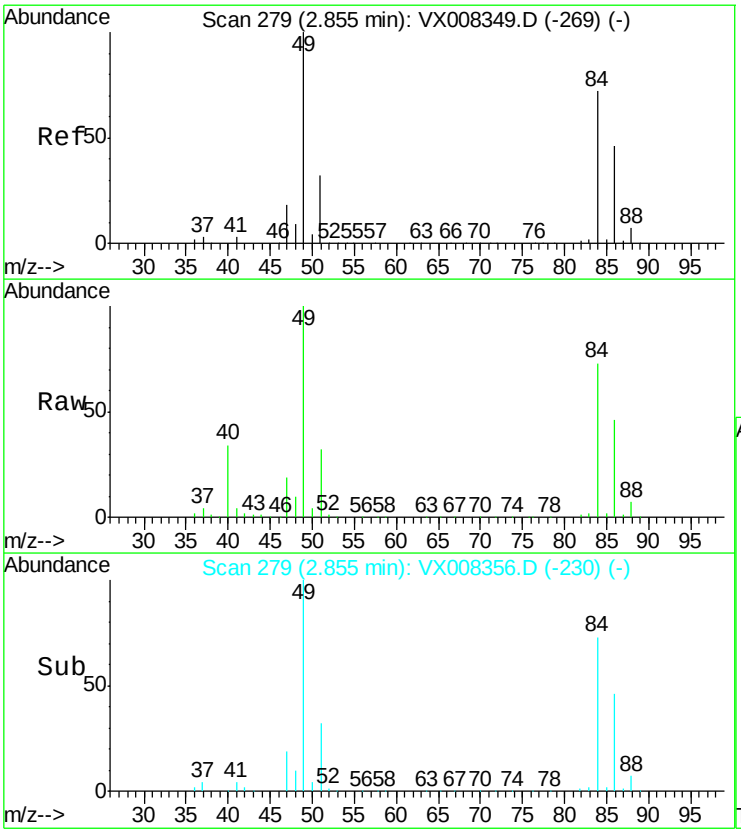

#19
Methyl tert-butyl Ether
Concen: 19.372 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :** MSVOA_X
**ClientSampleId :** VX0323WBS01

Tgt Ion: 73 Resp: 163760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.9 | 18.2 | 27.4 |

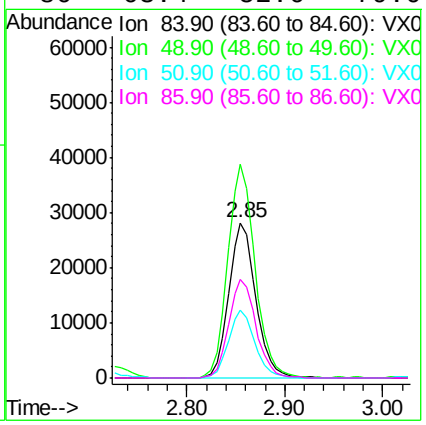


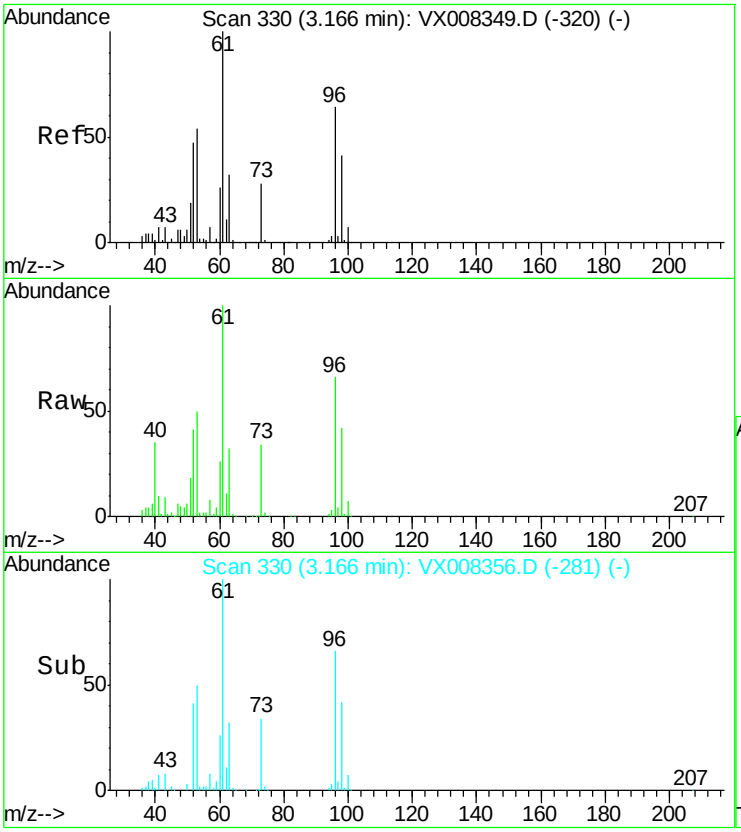




#20
Methylene Chloride
Concen: 18.968 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 84 Resp: 53643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 137.2 | 99.3 | 148.9 |
| 51 | 43.4 | 31.3 | 46.9 |
| 86 | 63.4 | 52.6 | 79.0 |



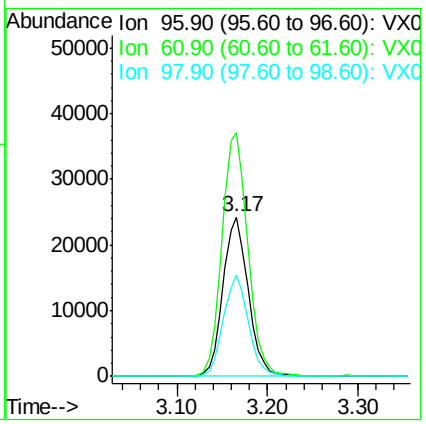


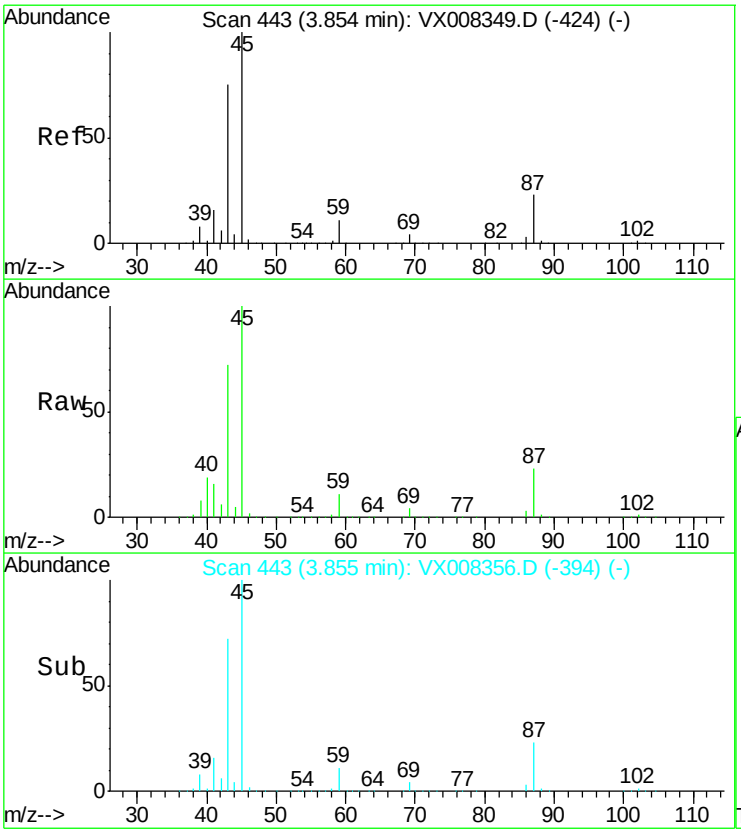

#21
trans-1,2-Dichloroethene
Concen: 18.500 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 96 Resp: 47017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 152.2 | 114.4 | 171.6 |
| 98 | 63.9 | 51.1 | 76.7 |

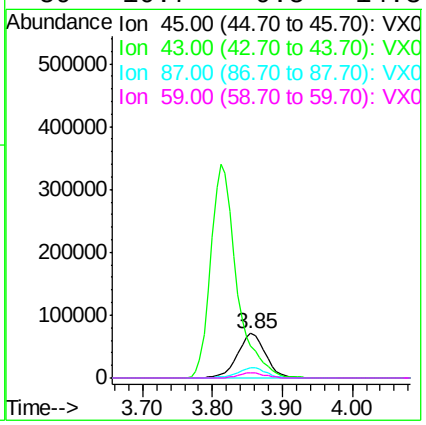


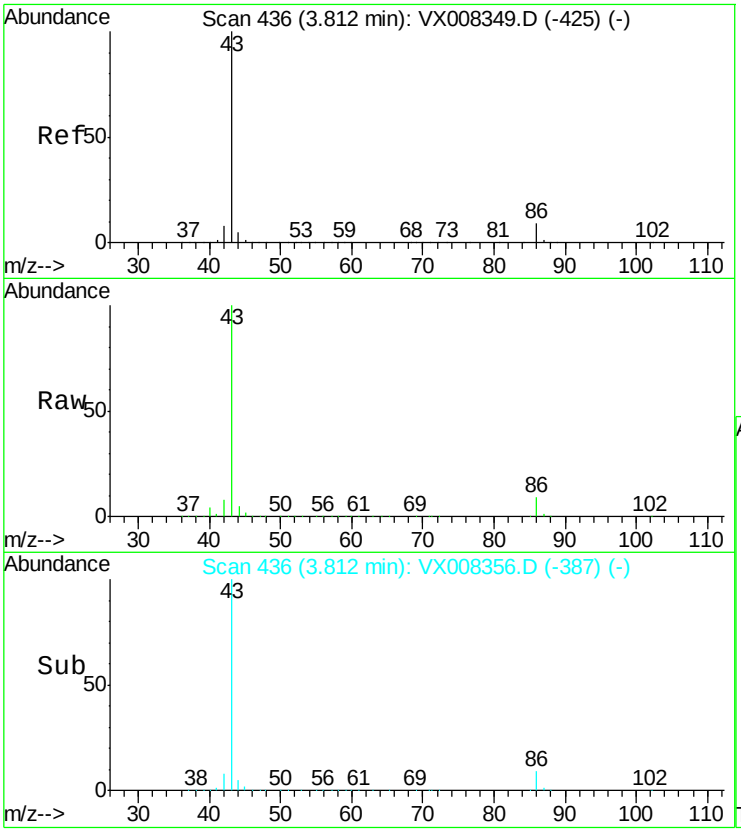




#22
Diisopropyl ether
Concen: 19.442 ug/l
RT: 3.85 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 45 Resp: 196552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 70.9 | 45.3 | 67.9# |
| 87 | 23.0 | 21.4 | 32.0 |
| 59 | 10.7 | 9.5 | 14.3 |



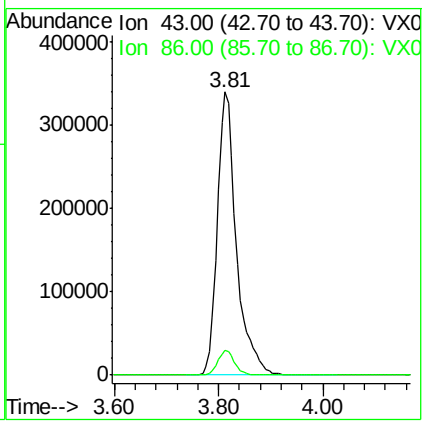


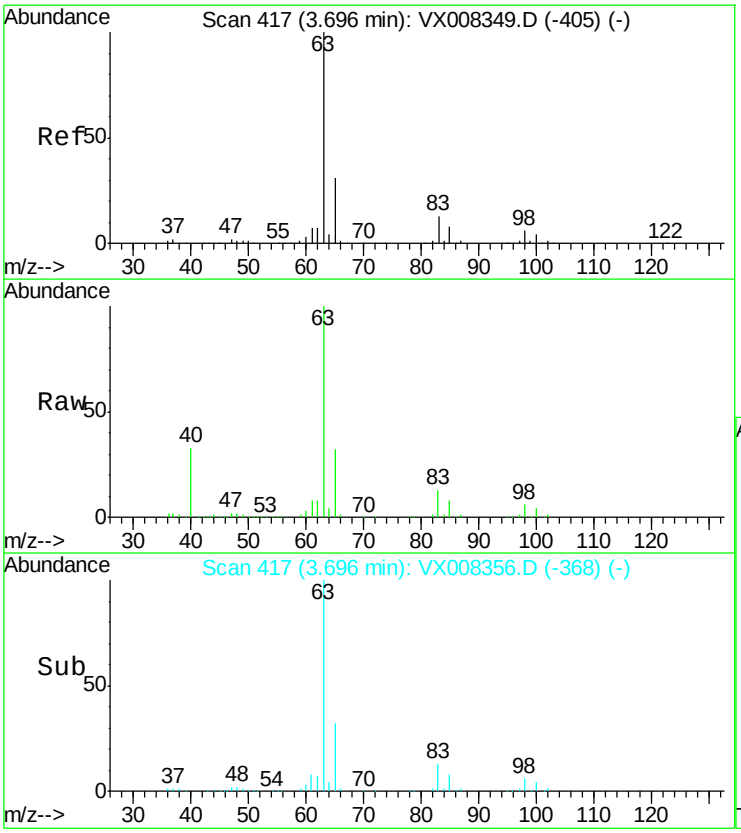

#23
Vinyl Acetate
Concen: 98.223 ug/l
RT: 3.81 min Scan# 436
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 43 Resp: 876743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 8.9 | 7.9 | 11.9 |

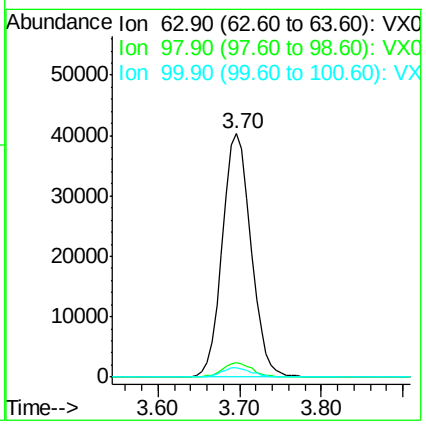


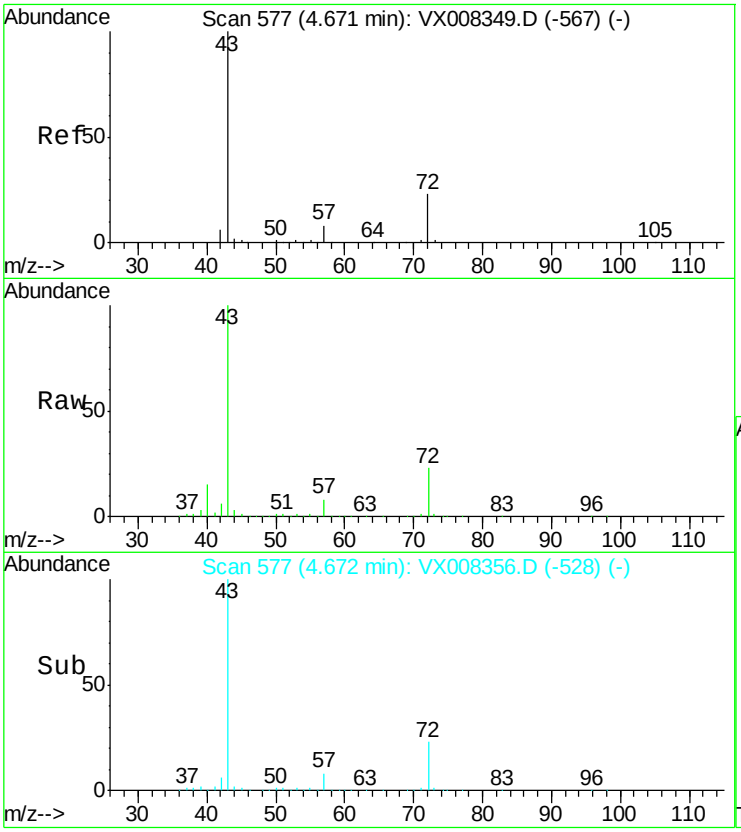




#24
1,1-Dichloroethane
Concen: 19.030 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 63 Resp: 98087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 5.9 | 3.3 | 9.8 |
| 100 | 3.8 | 2.3 | 6.8 |



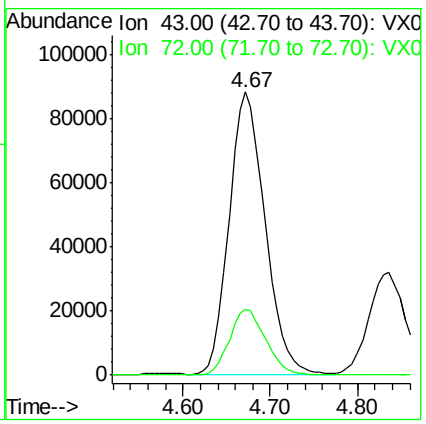


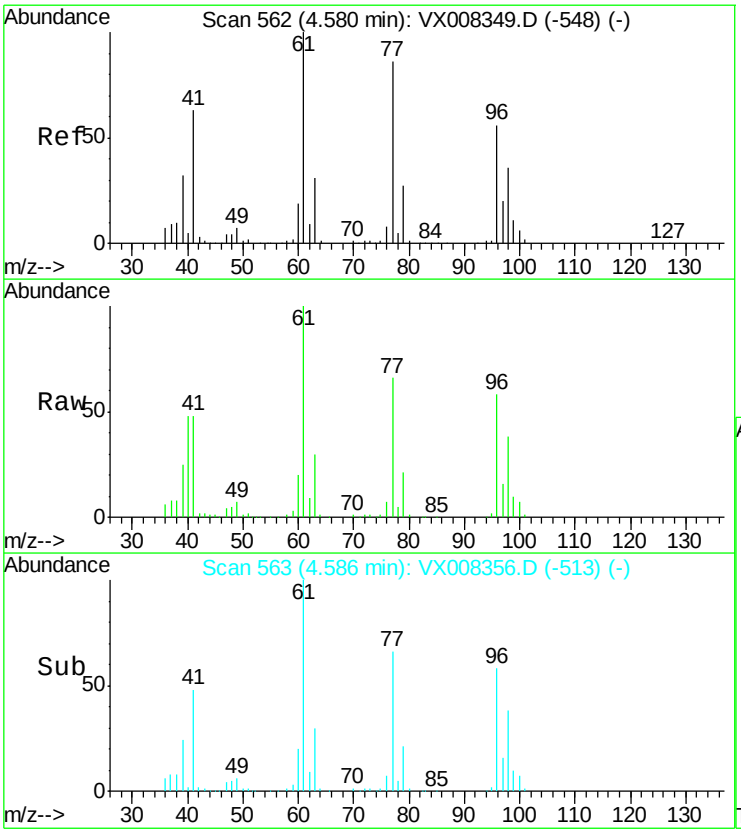

#25
2-Butanone
Concen: 97.325 ug/l
RT: 4.67 min Scan# 577
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 43 Resp: 251762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 23.1 | 19.9 | 29.9 |

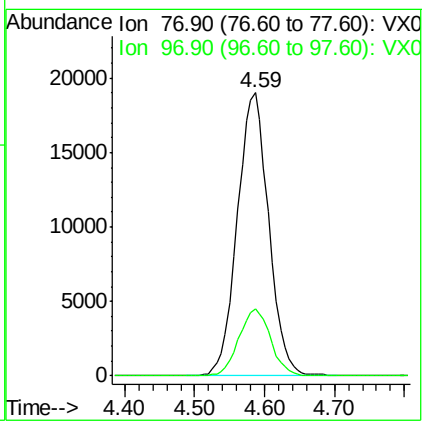


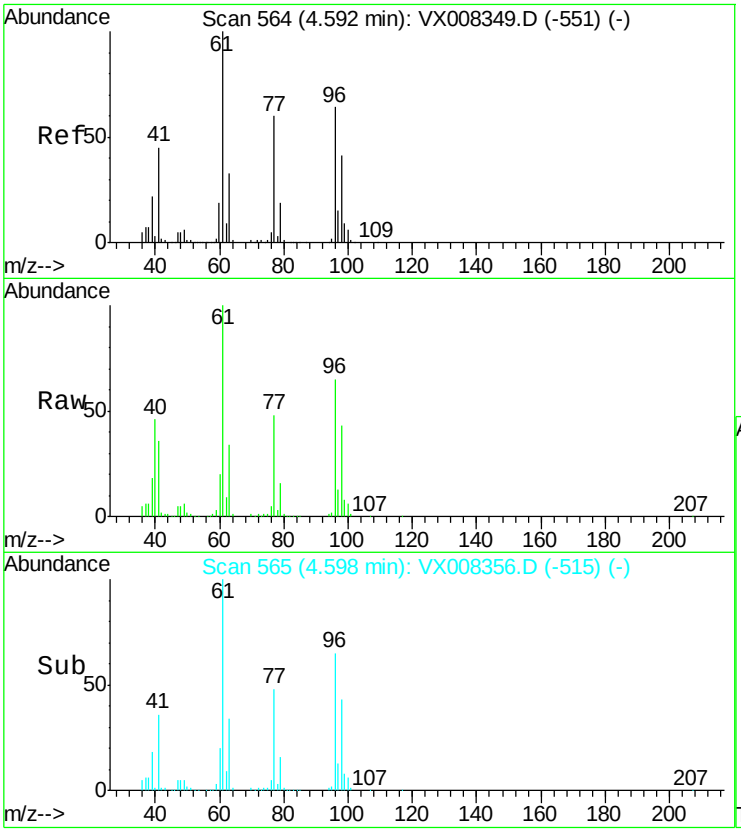




#26
2,2-Dichloropropane
Concen: 17.847 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 77 Resp: 59269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 23.9 | 12.2 | 36.6 |



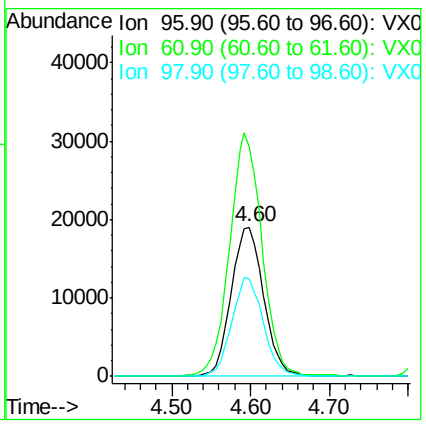


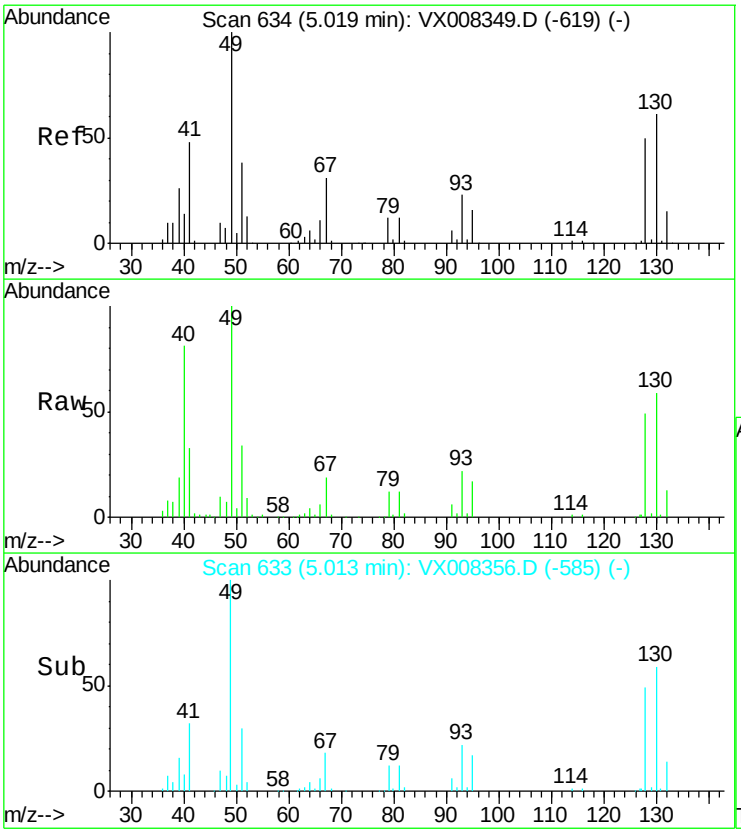

#27
cis-1,2-Dichloroethene
Concen: 18.709 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 96 Resp: 54460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 163.9 | 0.0 | 288.0 |
| 98 | 64.7 | 0.0 | 129.0 |

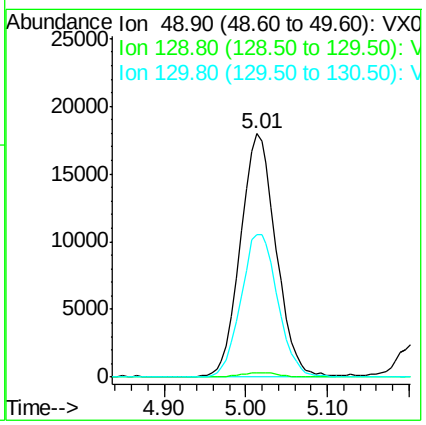


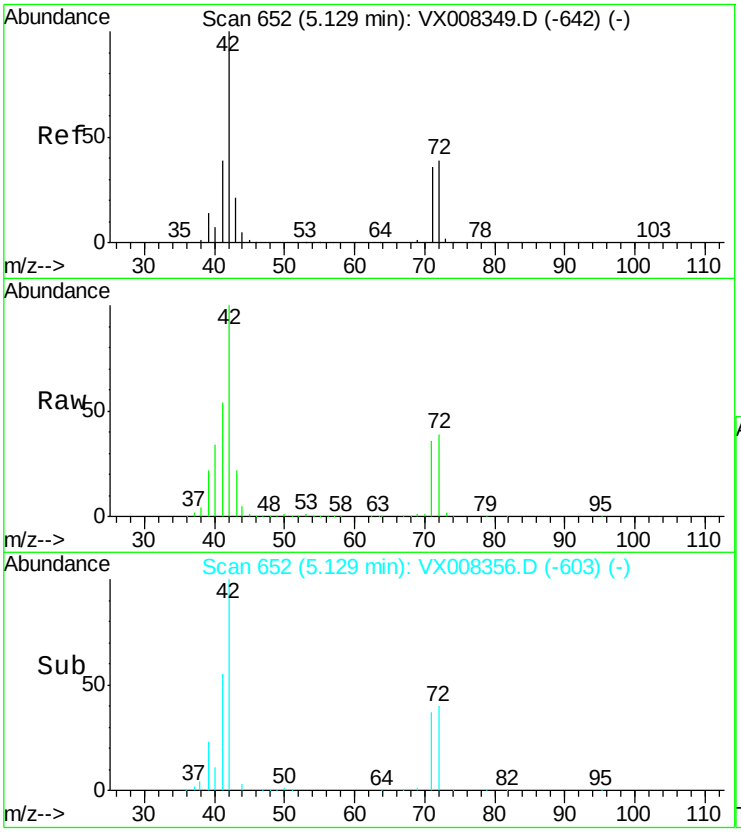




#28
Bromochloromethane
Concen: 21.198 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 49 Resp: 54545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.9 | 0.0 | 4.0 |
| 130 | 60.8 | 65.0 | 97.4# |



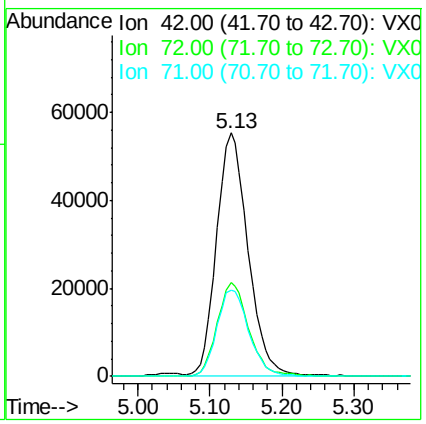


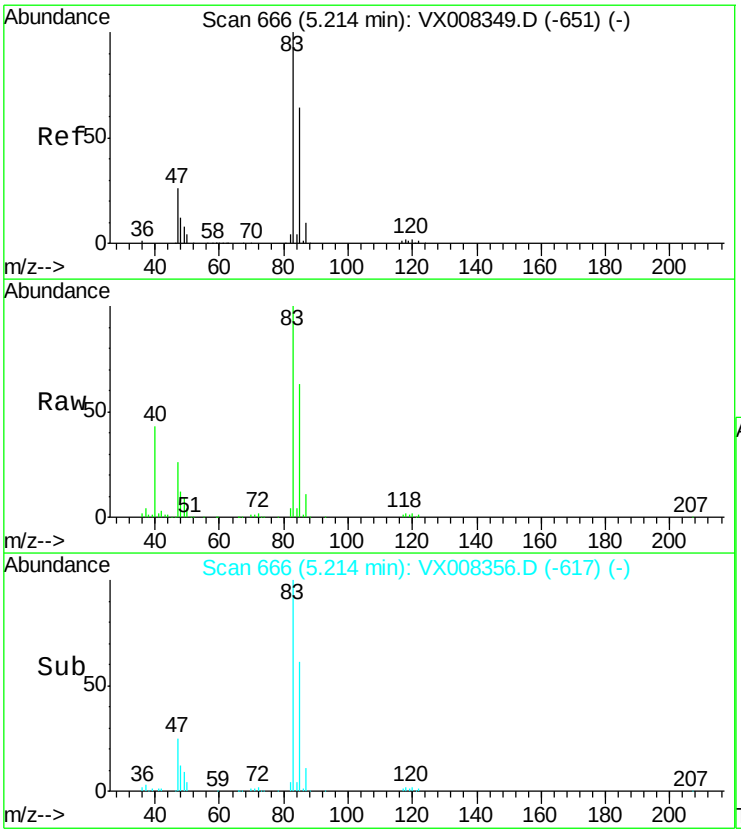

#29
Tetrahydrofuran
Concen: 97.543 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 42 Resp: 167540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 39.0 | 33.8 | 50.6 |
| 71 | 36.3 | 31.5 | 47.3 |

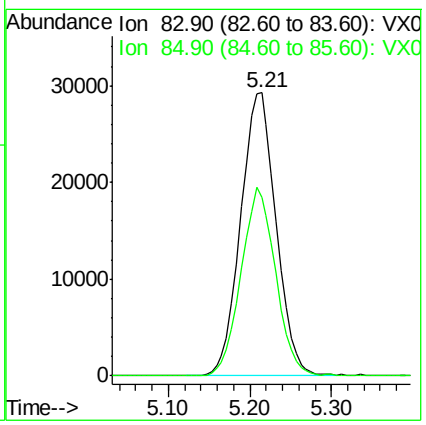


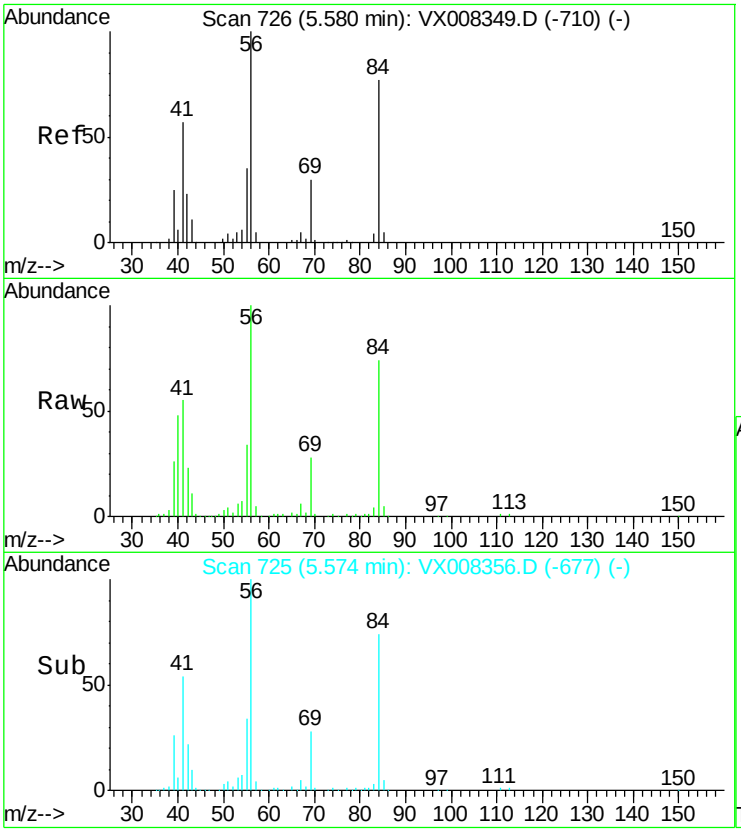




#30
Chloroform
Concen: 19.032 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 83 Resp: 88446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.1 | 51.8 | 77.6 |



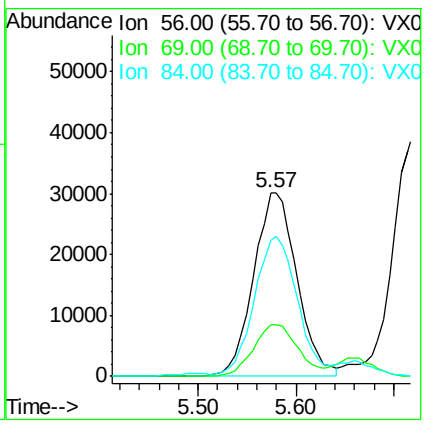


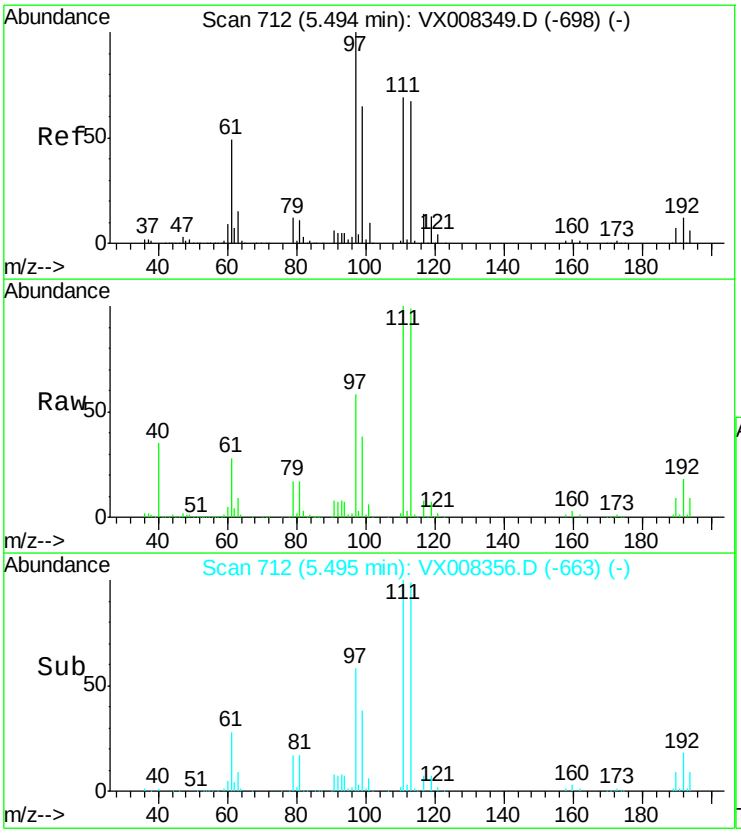

#31
Cyclohexane
Concen: 18.868 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :** MSVOA_X
**ClientSampleId :** VX0323WBS01

Tgt Ion: 56 Resp: 93259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 28.1 | 24.0 | 36.0 |
| 84 | 72.7 | 65.3 | 97.9 |

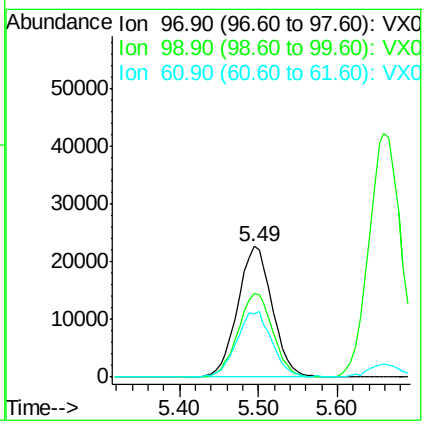


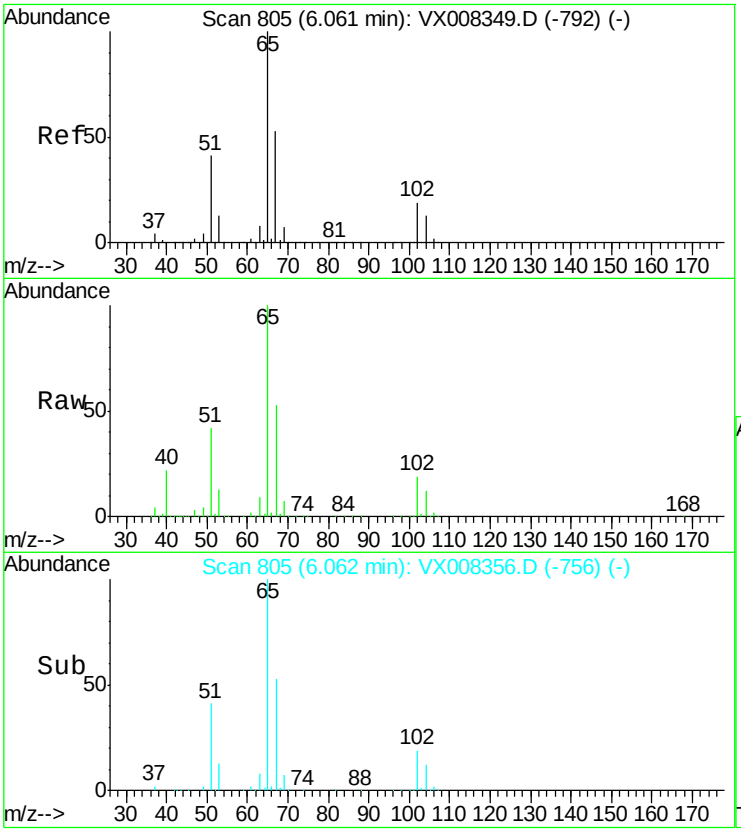




#32
1,1,1-Trichloroethane
Concen: 18.763 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 97 Resp: 68985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.7 | 52.2 | 78.2 |
| 61 | 51.3 | 34.9 | 52.3 |



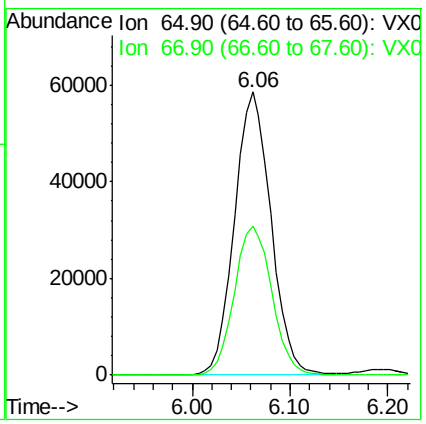


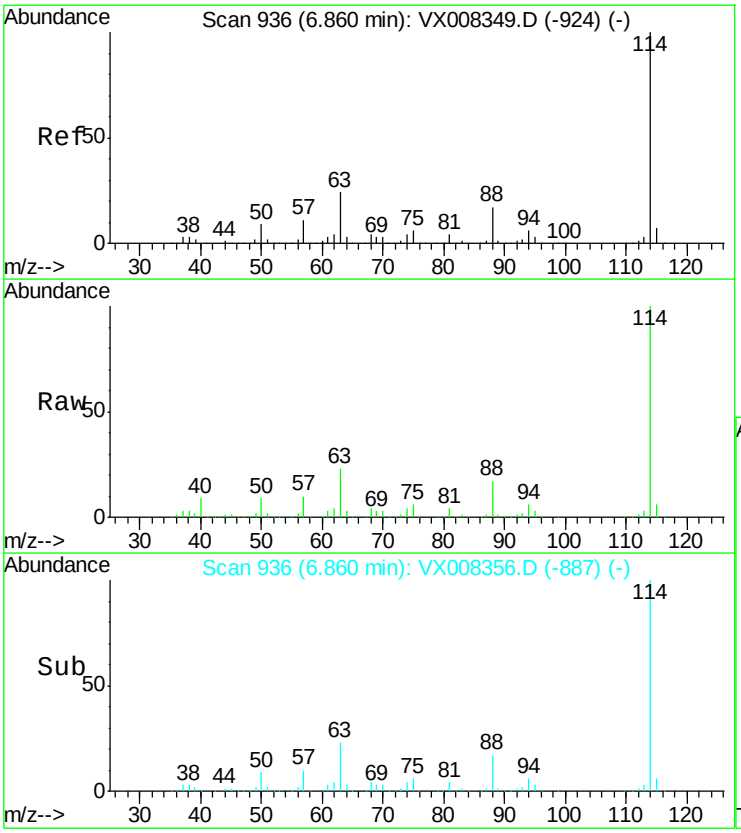

#33
1,2-Dichloroethane-d4
Concen: 48.263 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 65 Resp: 151689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.2 | 0.0 | 110.0 |

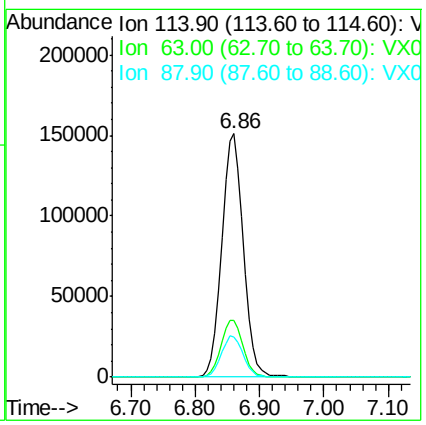


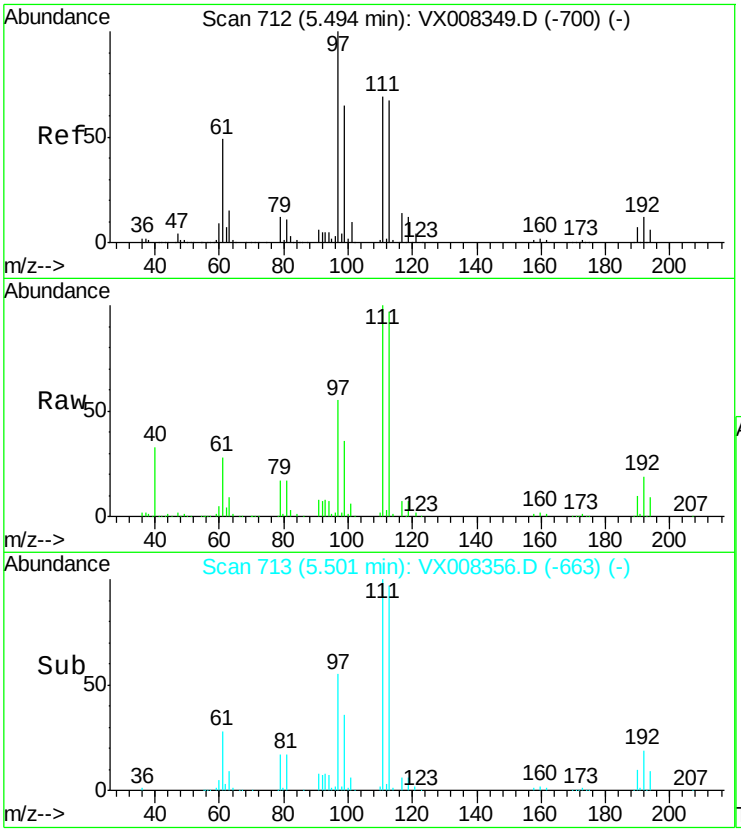




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion:114 Resp: 357746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.3 | 0.0 | 39.8 |
| 88 | 16.7 | 0.0 | 31.4 |



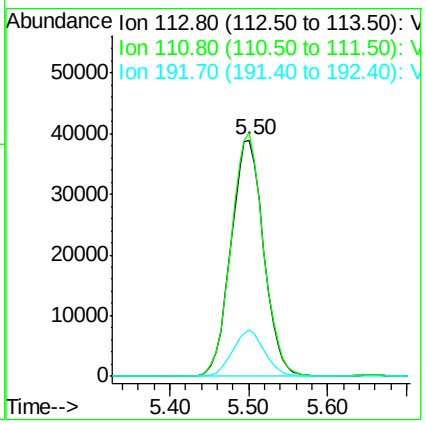


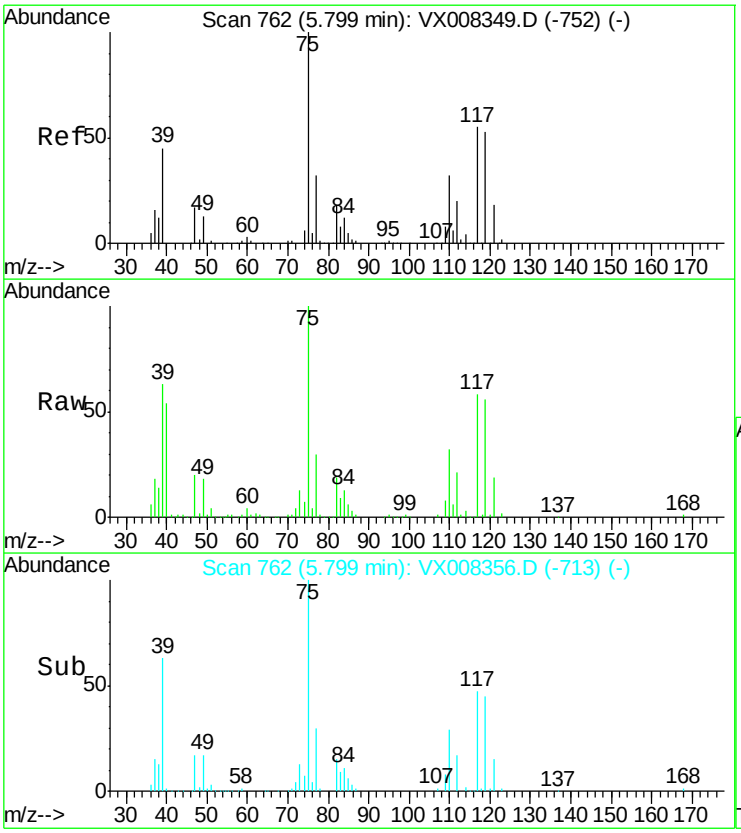

#35
Dibromofluoromethane
Concen: 48.614 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion:113 Resp: 112679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.6 | 81.4 | 122.0 |
| 192 | 19.1 | 19.4 | 29.0# |

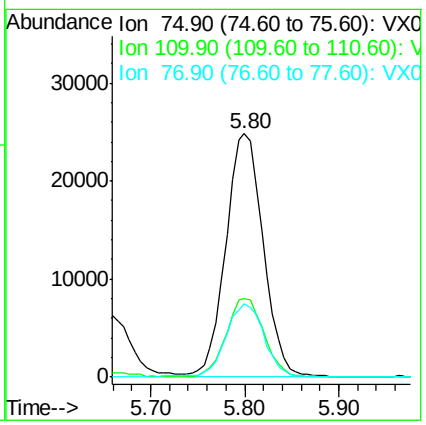


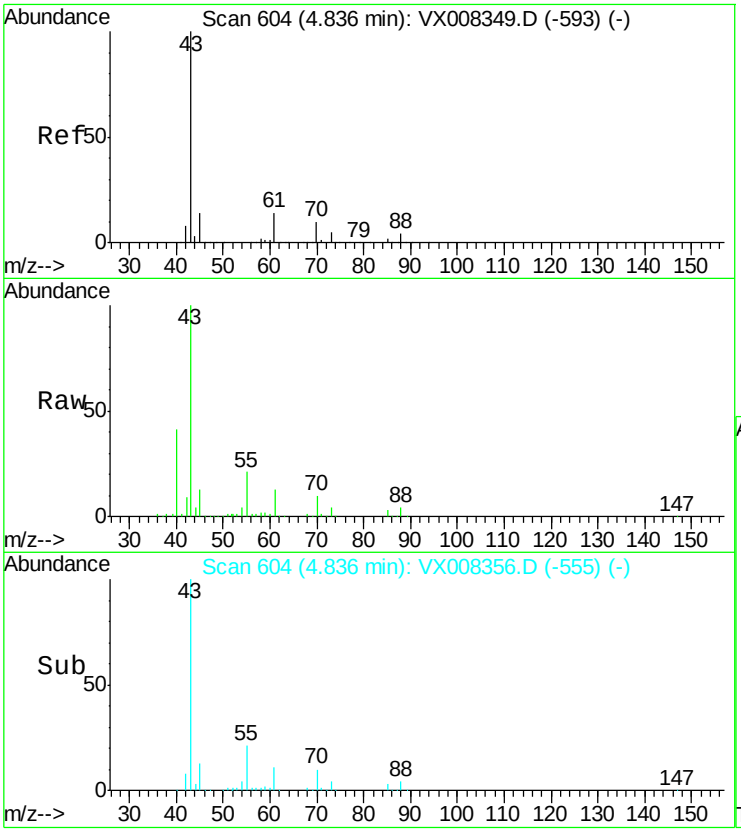




#36
1,1-Dichloropropene
Concen: 18.706 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 75 Resp: 68384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 33.1 | 18.4 | 55.0 |
| 77 | 30.4 | 25.0 | 37.4 |



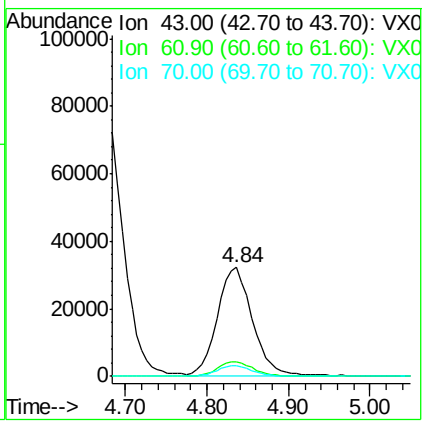


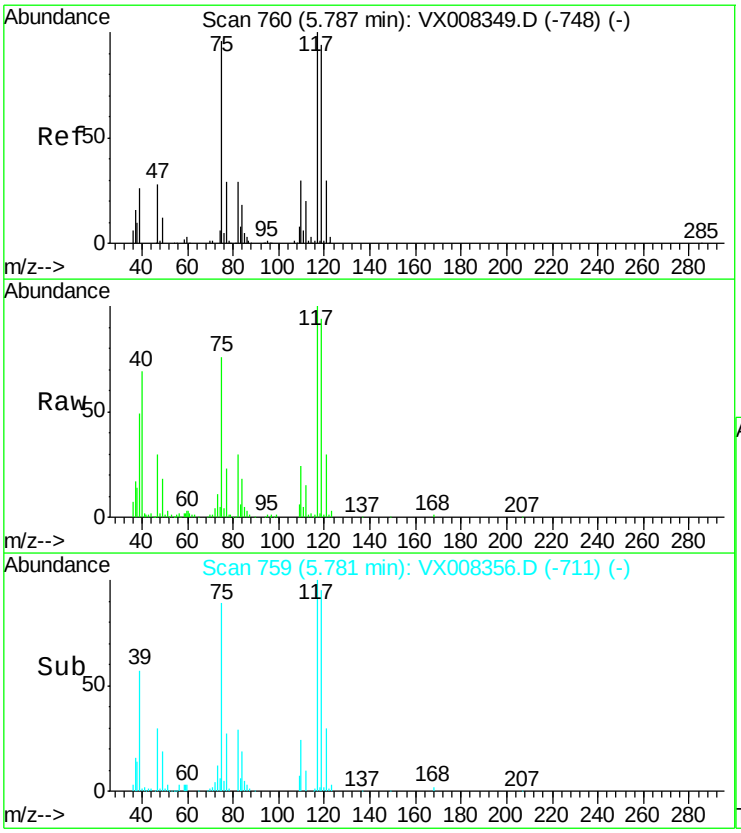

#37
Ethyl Acetate
Concen: 19.060 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 43 Resp: 94301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.6 | 11.3 | 16.9 |
| 70 | 10.1 | 8.5 | 12.7 |

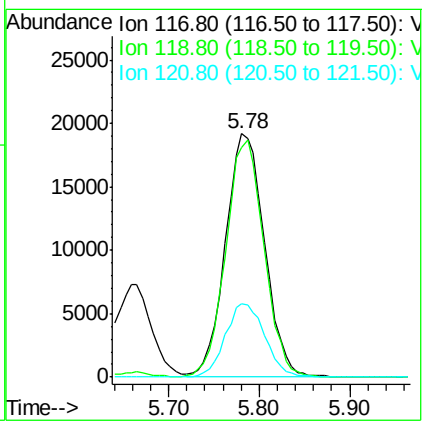


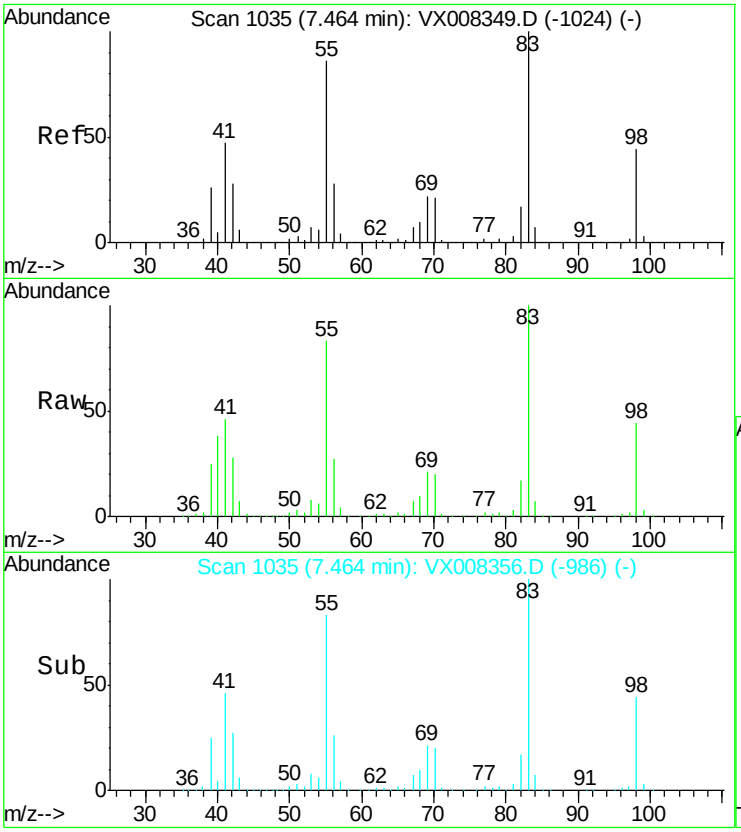




#38
Carbon Tetrachloride
Concen: 18.295 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion:117 Resp: 57329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.4 | 76.2 | 114.2 |
| 121 | 30.0 | 24.6 | 36.8 |



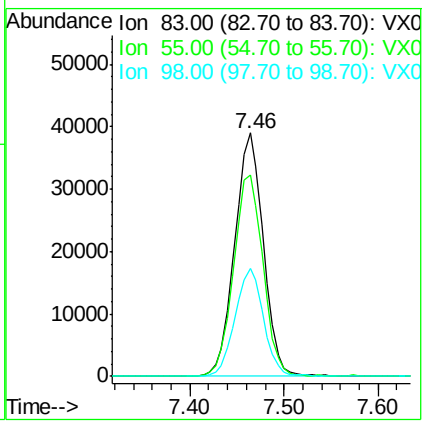


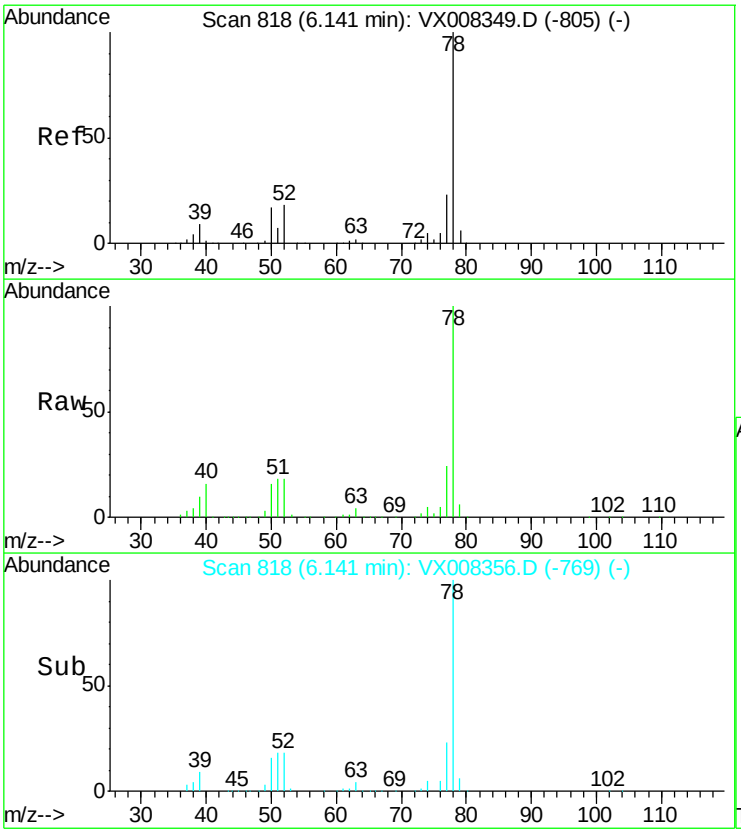

#39
Methylcyclohexane
Concen: 18.504 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 83 Resp: 82914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 82.7 | 60.4 | 90.6 |
| 98 | 44.1 | 36.5 | 54.7 |

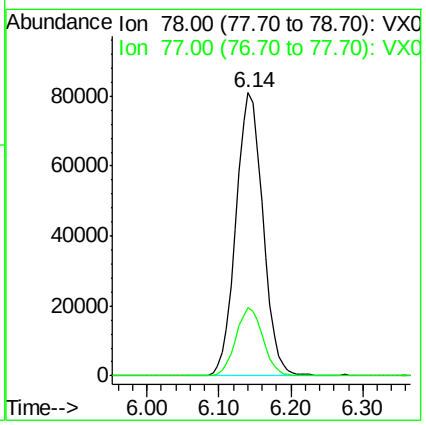


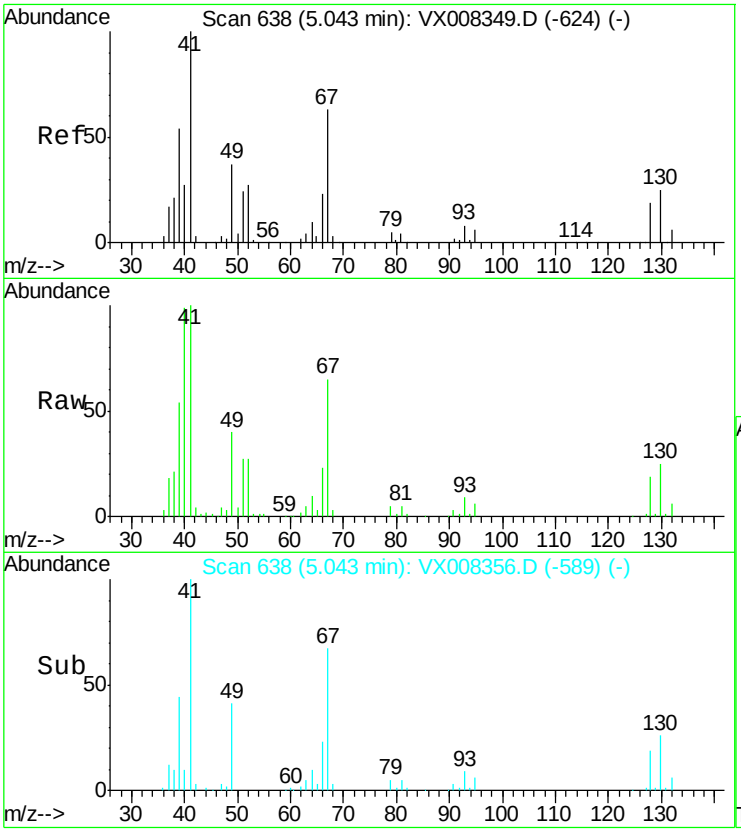




#40
Benzene
Concen: 19.003 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 78 Resp: 211557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.0 | 19.0 | 28.4 |



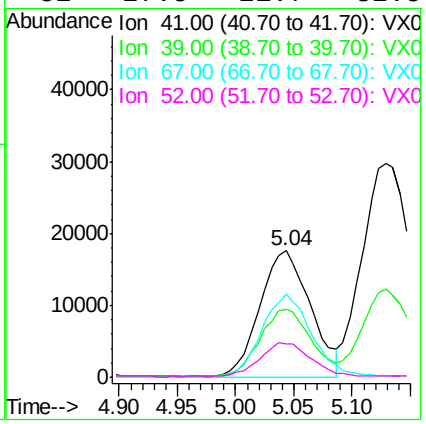


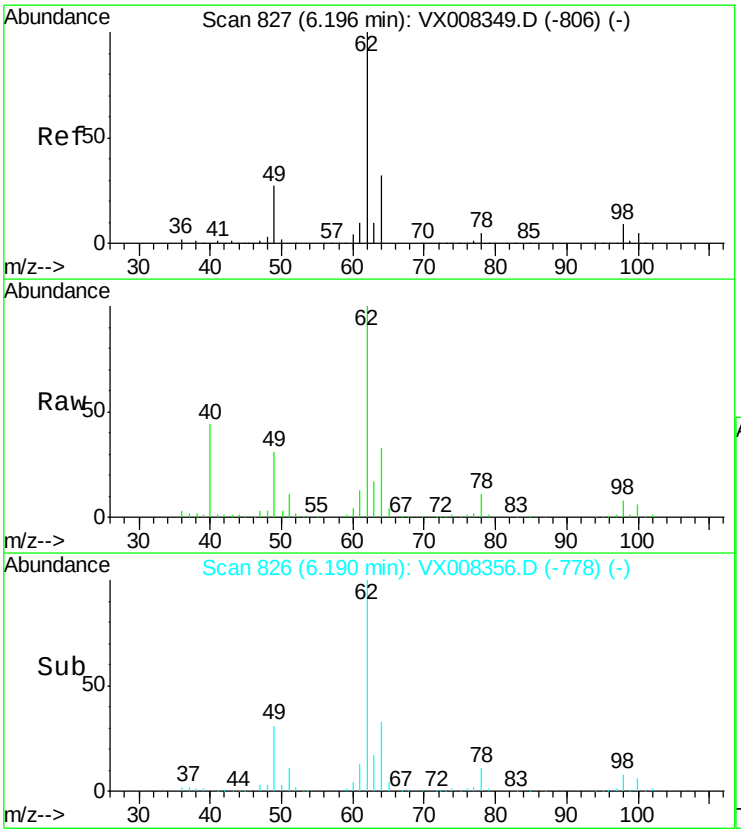

#41
Methacrylonitrile
Concen: 19.626 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 41 Resp: 52927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 54.0 | 41.6 | 62.4 |
| 67 | 65.5 | 55.8 | 83.6 |
| 52 | 27.5 | 21.7 | 32.5 |

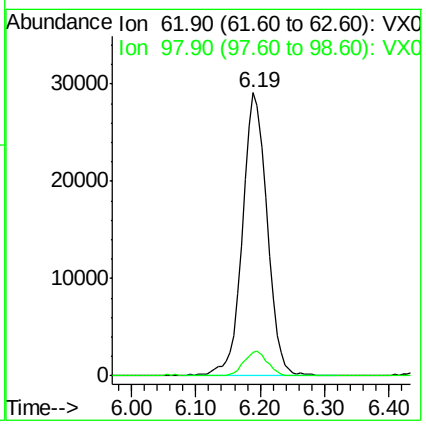


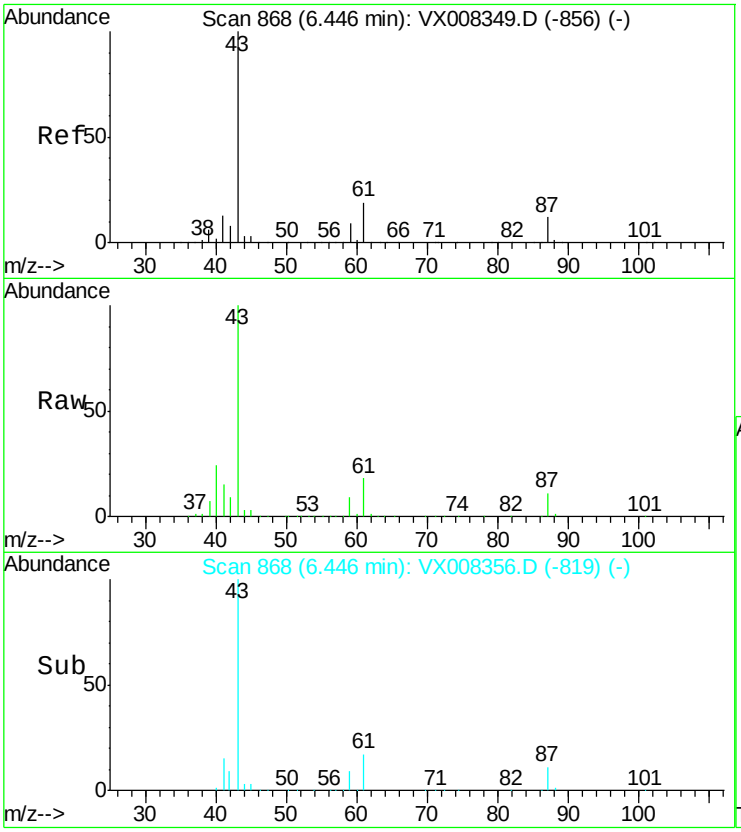




#42
1,2-Dichloroethane
Concen: 18.848 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 62 Resp: 76148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.4 | 0.0 | 20.4 |



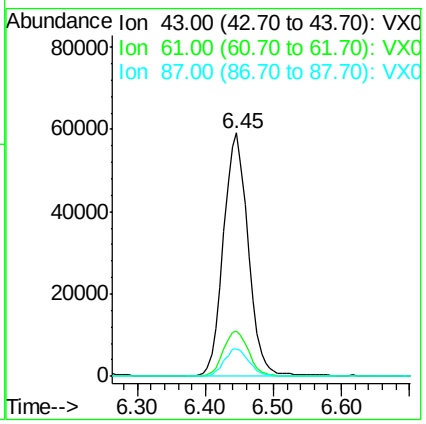


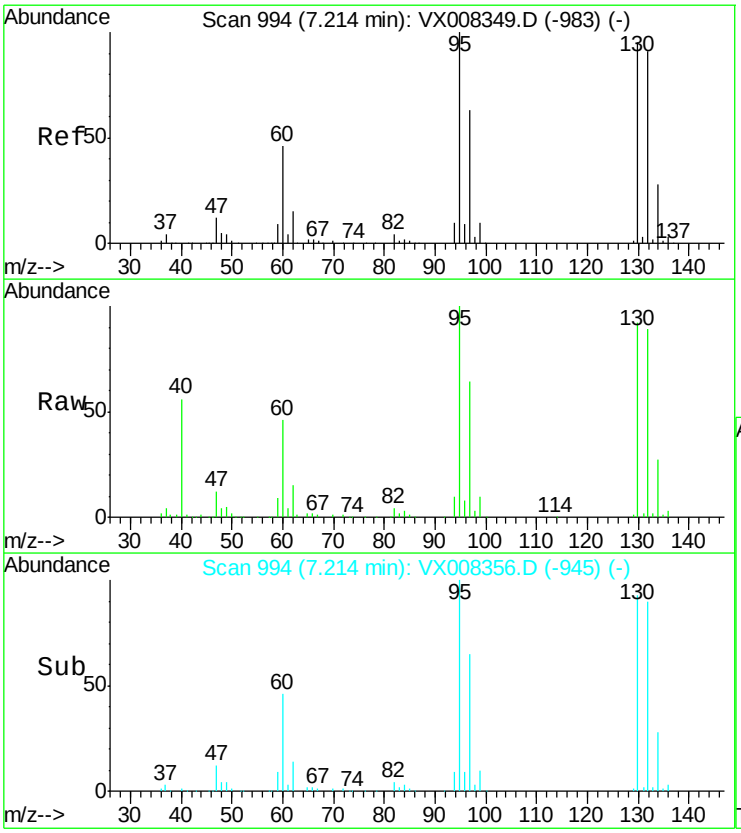

#43
Isopropyl Acetate
Concen: 19.296 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :** MSVOA_X
**ClientSampleId :** VX0323WBS01

Tgt Ion: 43 Resp: 148656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 19.1 | 16.3 | 24.5 |
| 87 | 11.4 | 10.5 | 15.7 |

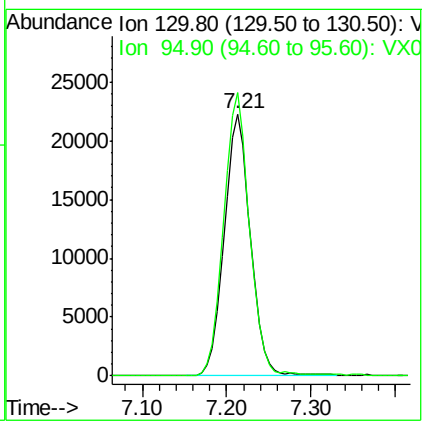


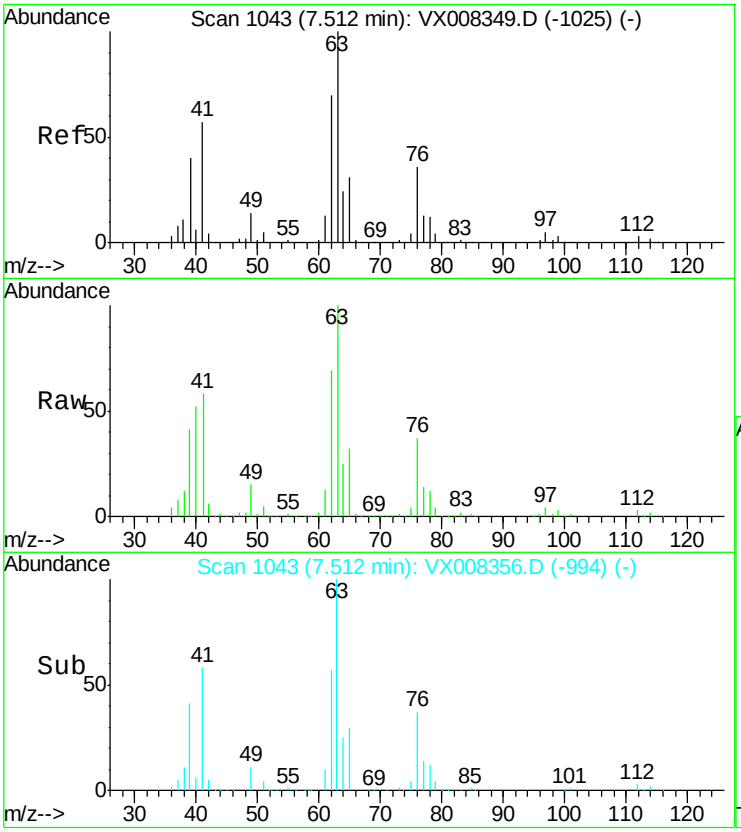




#44
Trichloroethene
Concen: 18.214 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion:130 Resp: 47089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 108.1 | 0.0 | 188.0 |



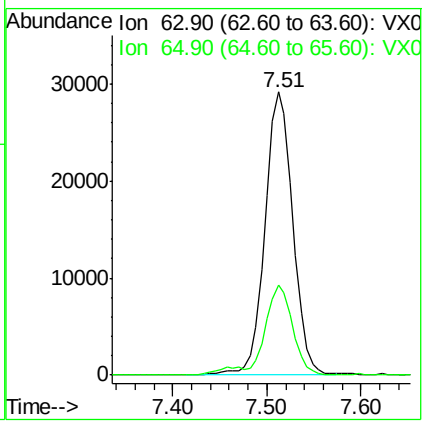


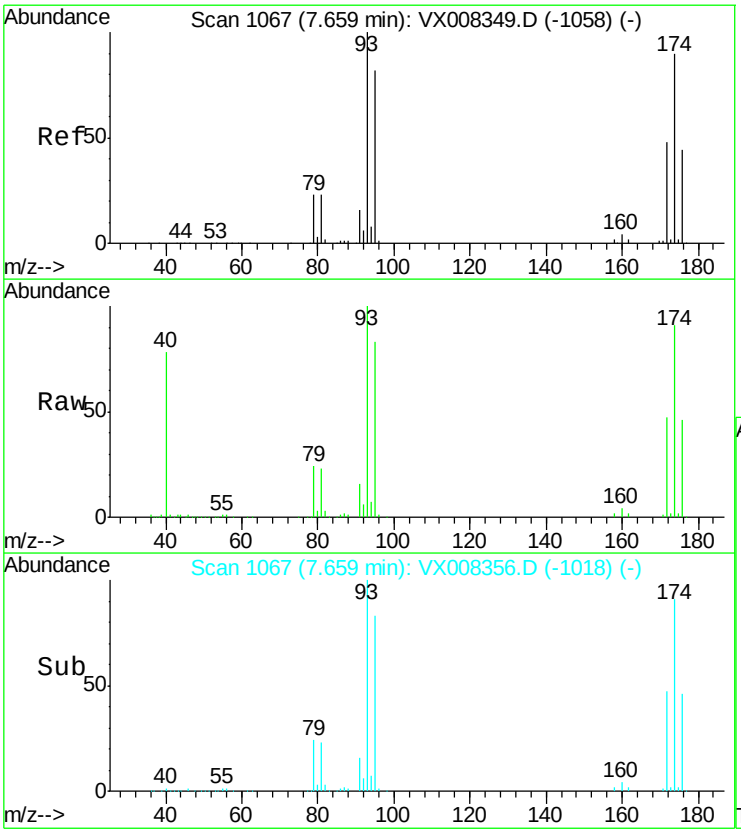

#45
1,2-Dichloropropane
Concen: 19.143 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 63 Resp: 60334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.9 | 24.7 | 37.1 |

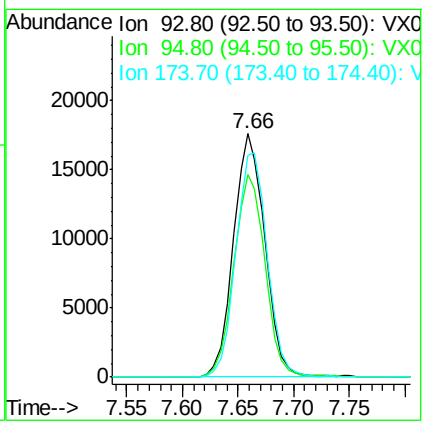


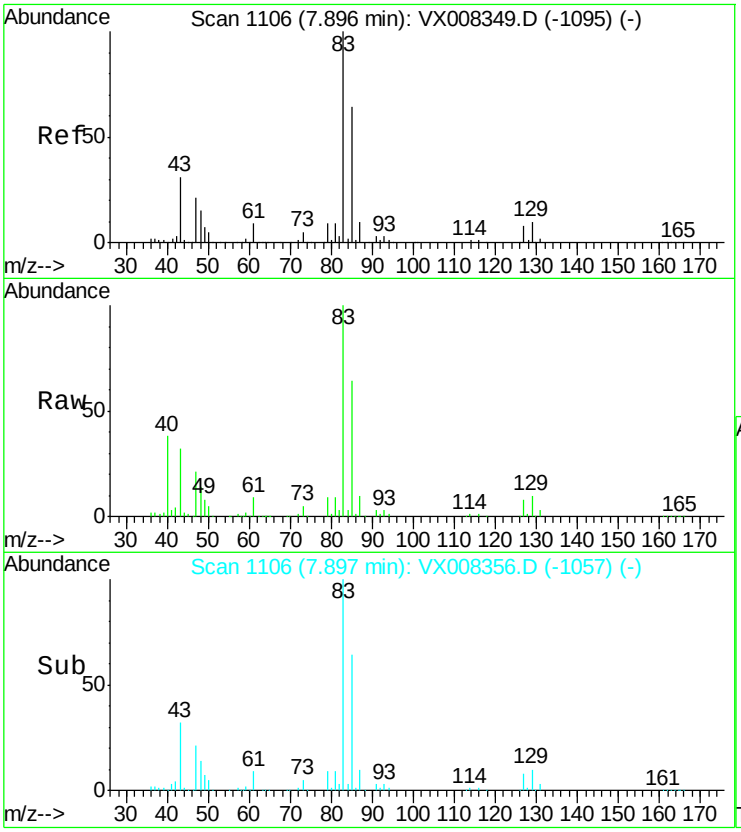




#46
Dibromomethane
Concen: 18.423 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 93 Resp: 34458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.8 | 66.8 | 100.2 |
| 174 | 92.1 | 97.3 | 145.9# |



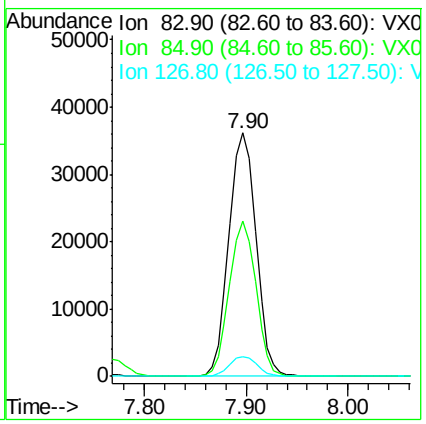


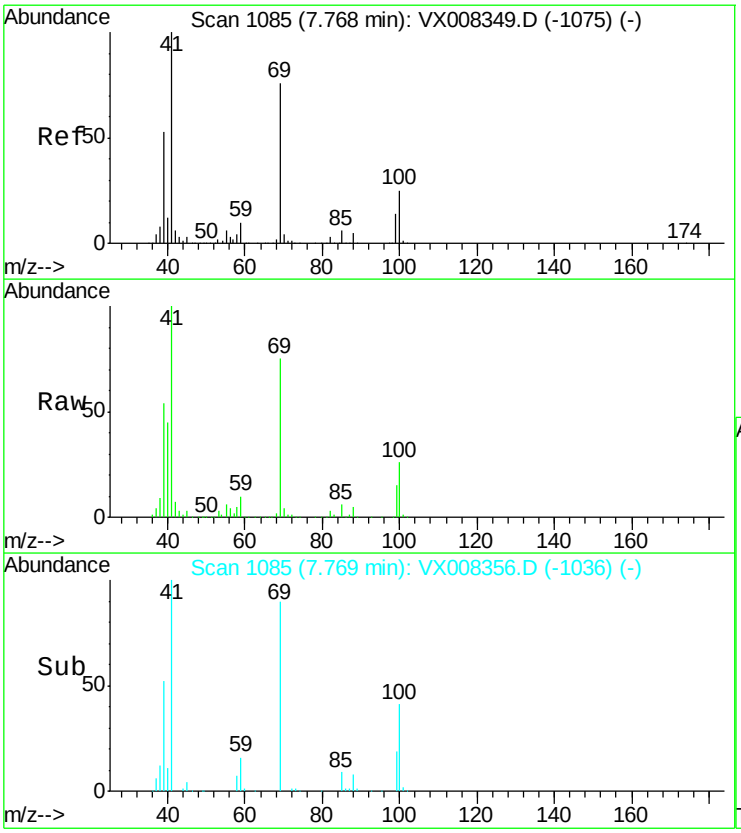

#47
Bromodichloromethane
Concen: 18.756 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 83 Resp: 66915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.9 | 50.9 | 76.3 |
| 127 | 8.3 | 7.4 | 11.0 |

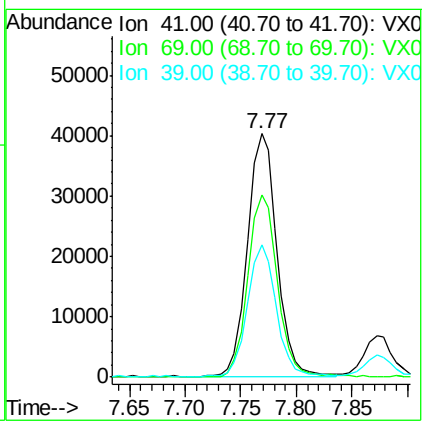


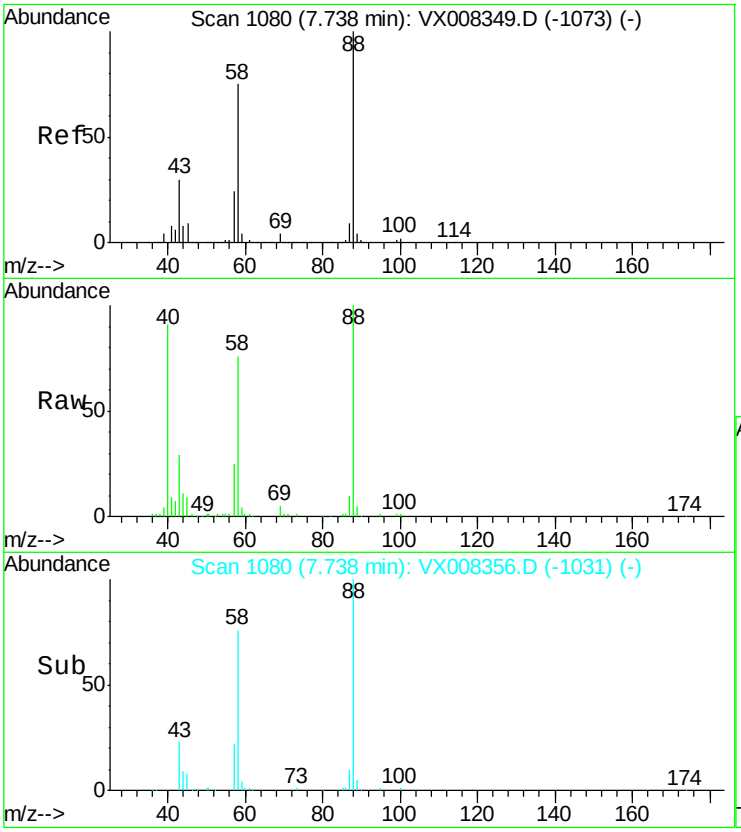




#48
Methyl methacrylate
Concen: 19.139 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 41 Resp: 74403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 76.2 | 65.2 | 97.8 |
| 39 | 53.2 | 39.4 | 59.2 |



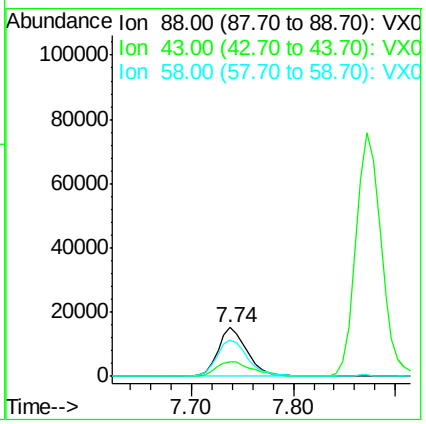


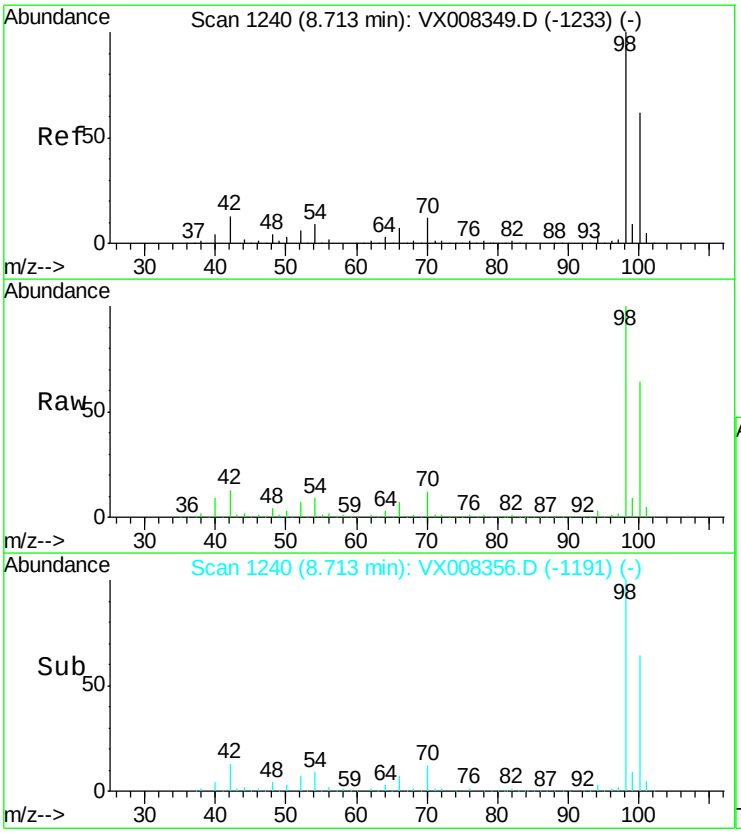

#49
1,4-Dioxane
Concen: 384.157 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 88 Resp: 30131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 36.3 | 25.1 | 37.7 |
| 58 | 80.5 | 57.8 | 86.6 |

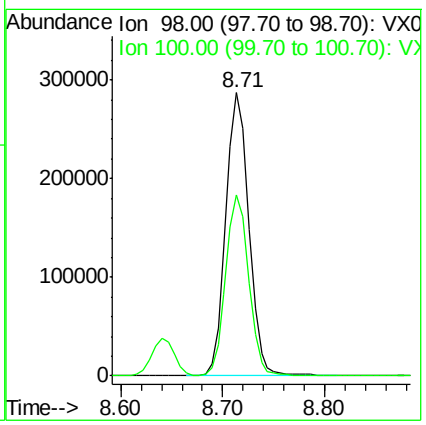


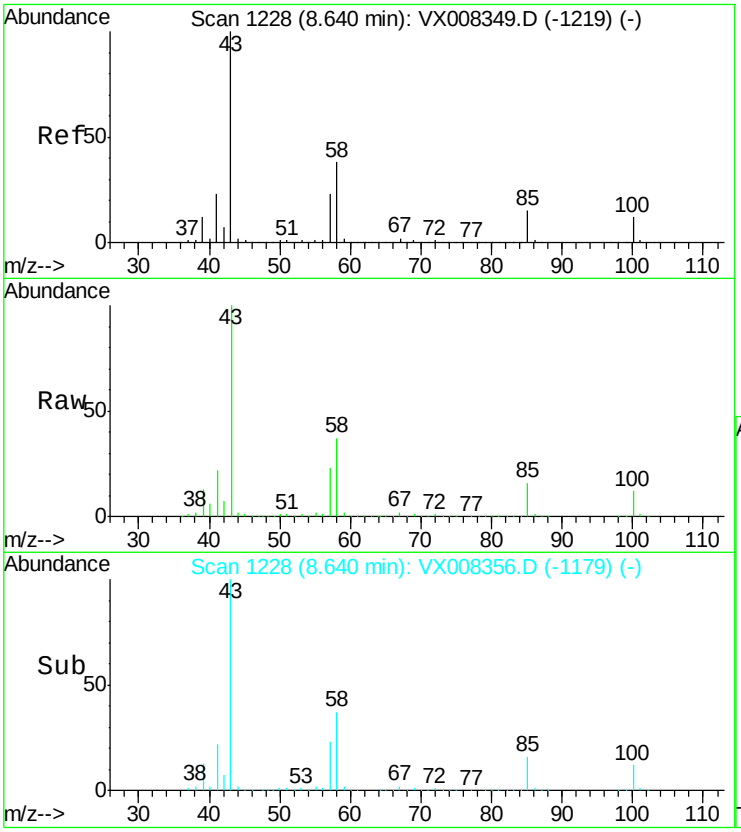




#50
Toluene-d8
Concen: 48.855 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 98 Resp: 447885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.2 | 51.7 | 77.5 |



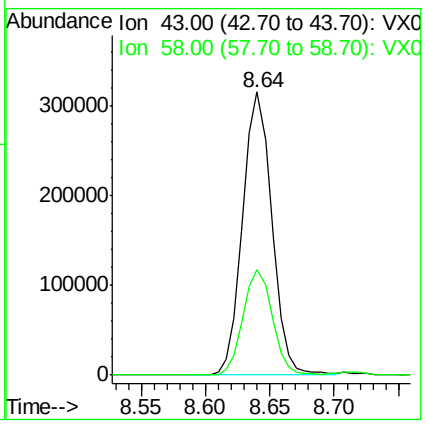


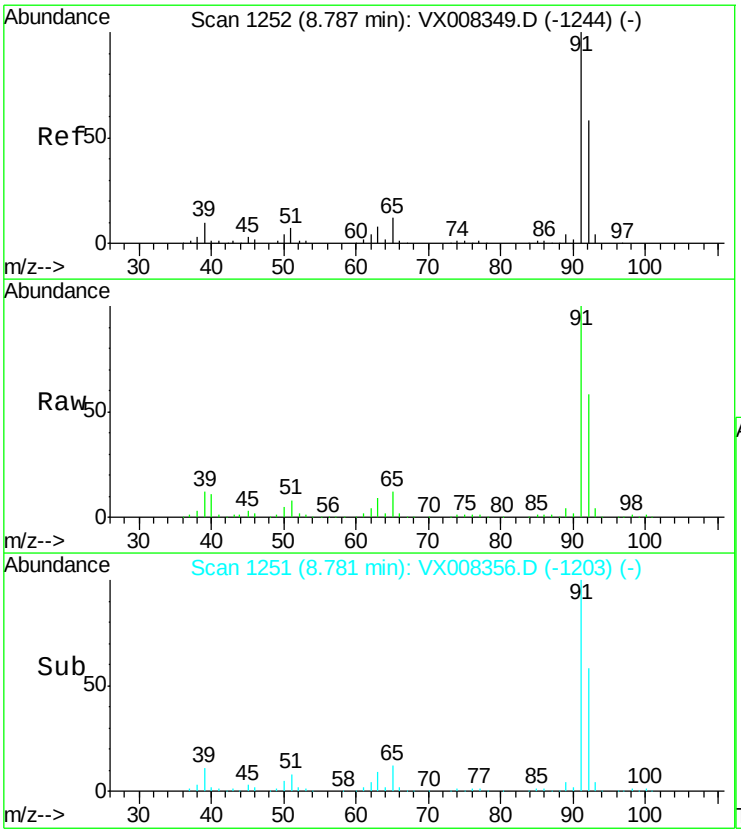

#51
4-Methyl-2-Pentanone
Concen: 97.741 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :** MSVOA_X
**ClientSampleId :** VX0323WBS01

Tgt Ion: 43 Resp: 494059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.3 | 31.3 | 46.9 |

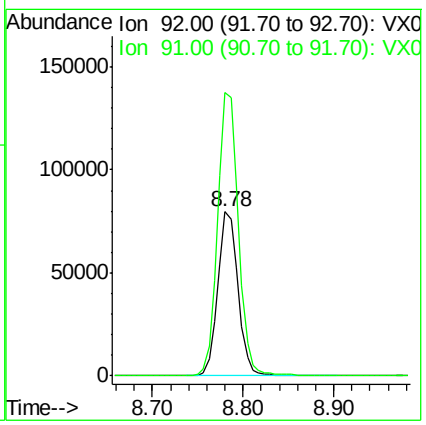


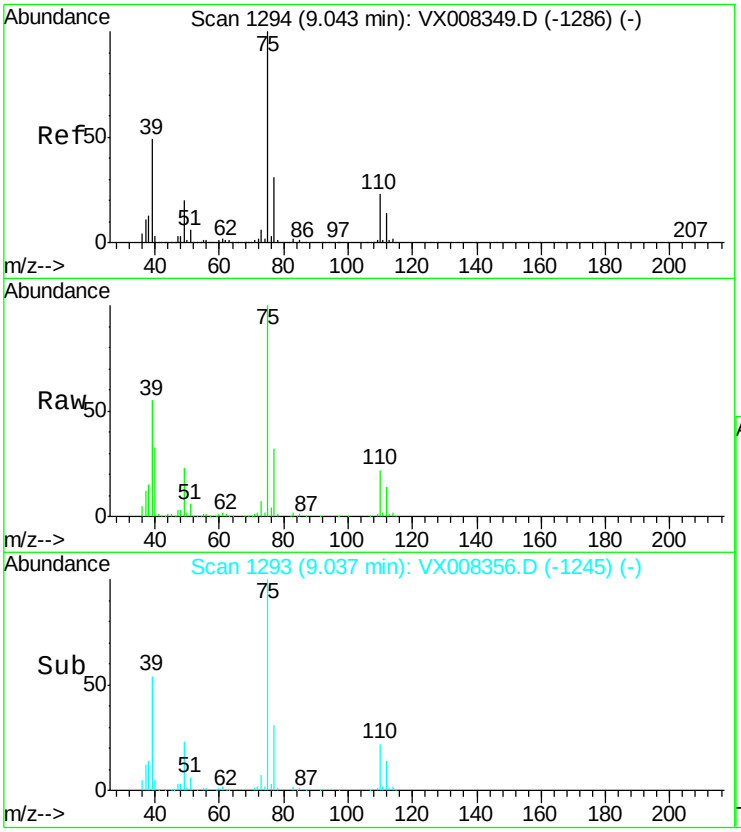




#52
Toluene
Concen: 19.160 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 92 Resp: 125081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 175.8 | 137.4 | 206.0 |



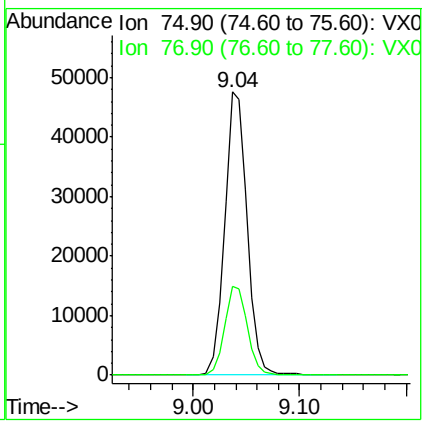


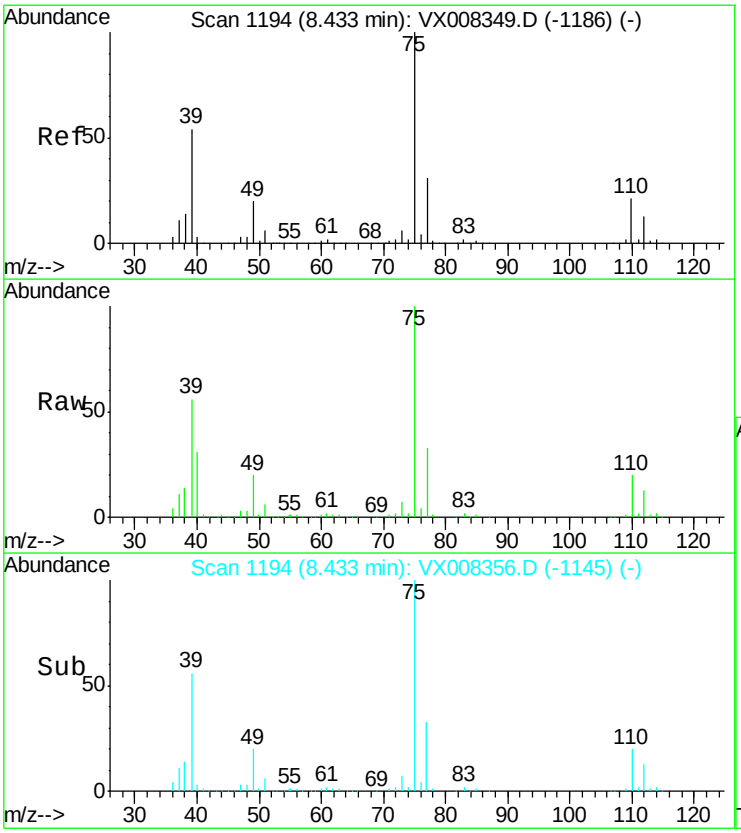

#53
t-1,3-Dichloropropene
Concen: 18.243 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 75 Resp: 69976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.6 | 25.4 | 38.0 |

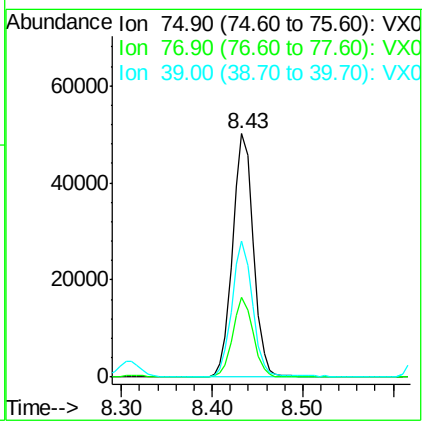


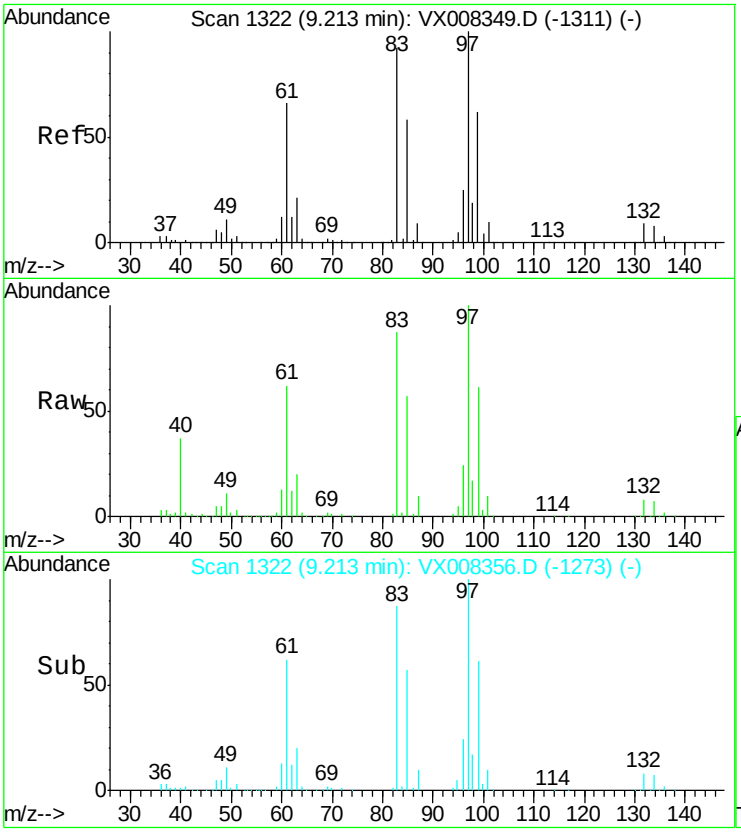




#54
cis-1,3-Dichloropropene
Concen: 18.425 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 75 Resp: 80131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.7 | 25.0 | 37.6 |
| 39 | 55.5 | 36.6 | 54.8# |



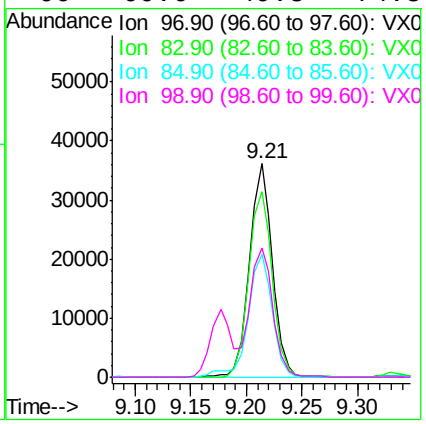


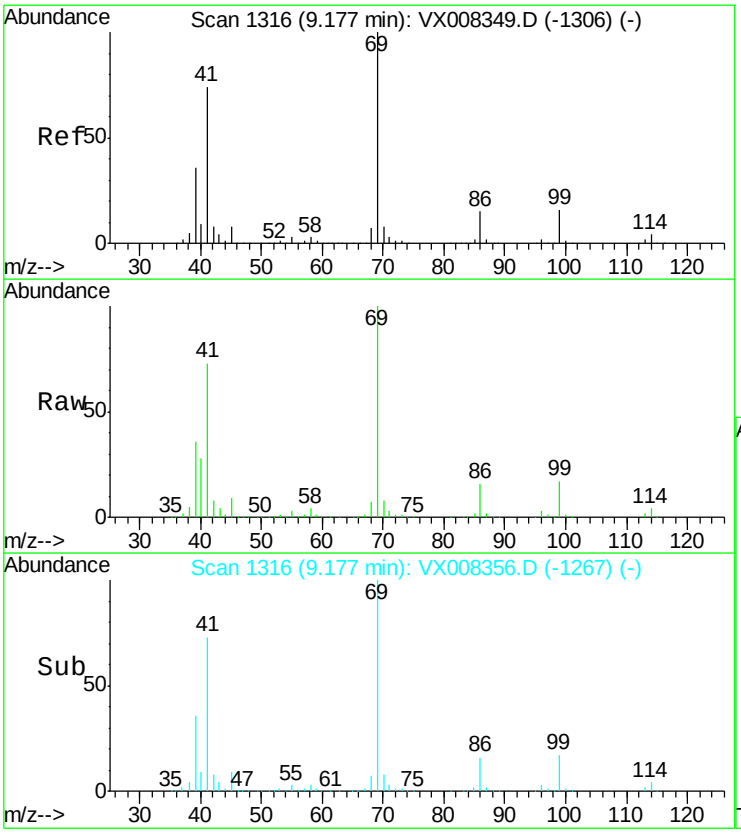

#55
1,1,2-Trichloroethane
Concen: 19.108 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 97 Resp: 51813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 86.9 | 69.1 | 103.7 |
| 85 | 57.3 | 44.3 | 66.5 |
| 99 | 60.6 | 49.8 | 74.8 |

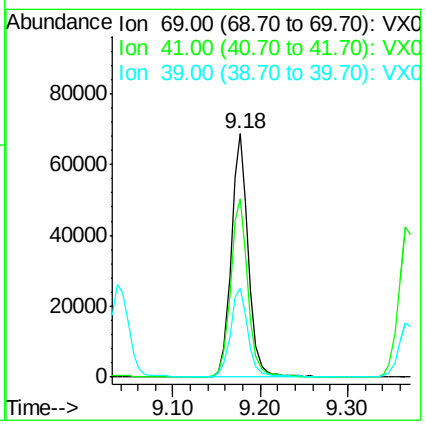


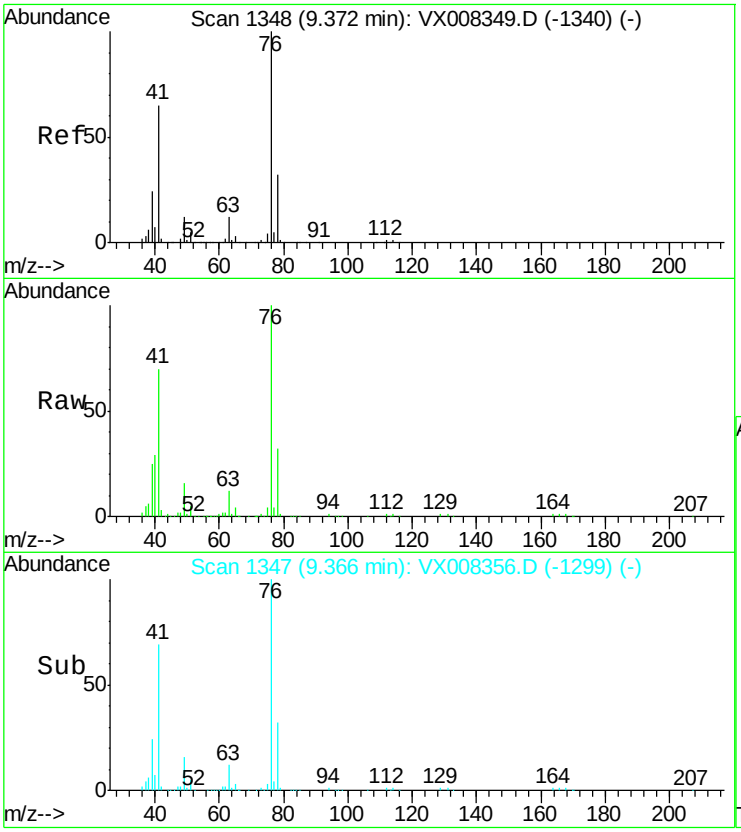




#56
Ethyl methacrylate
Concen: 19.509 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 69 Resp: 93653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 74.0 | 54.2 | 81.4 |
| 39 | 36.5 | 25.0 | 37.4 |



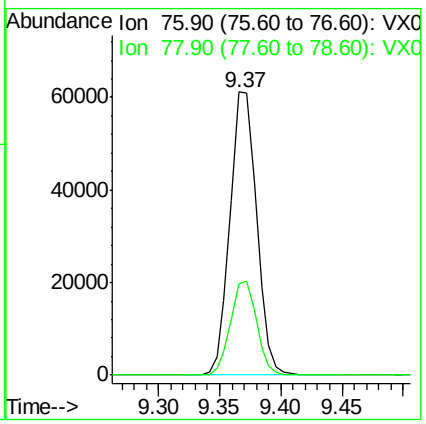


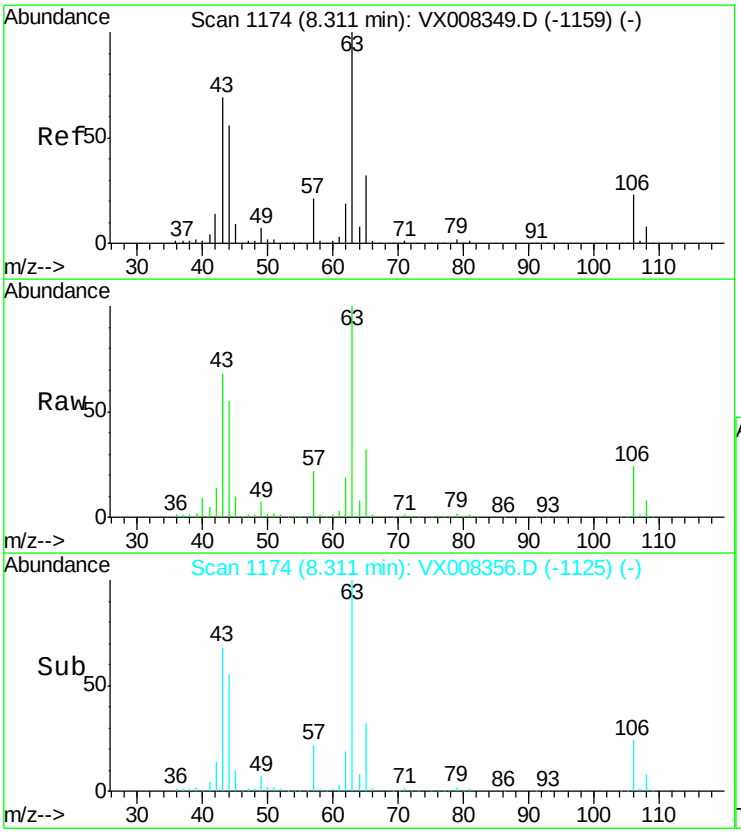

#57
1,3-Dichloropropane
Concen: 19.067 ug/l
RT: 9.37 min Scan# 1347
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 76 Resp: 92105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.5 | 25.5 | 38.3 |

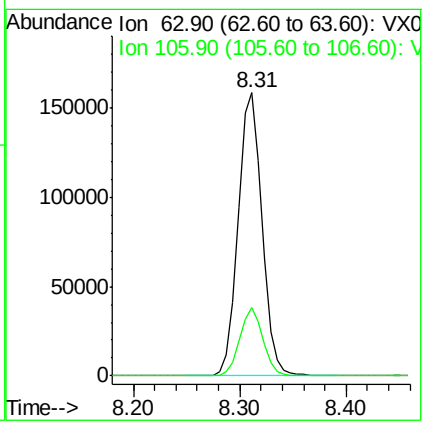


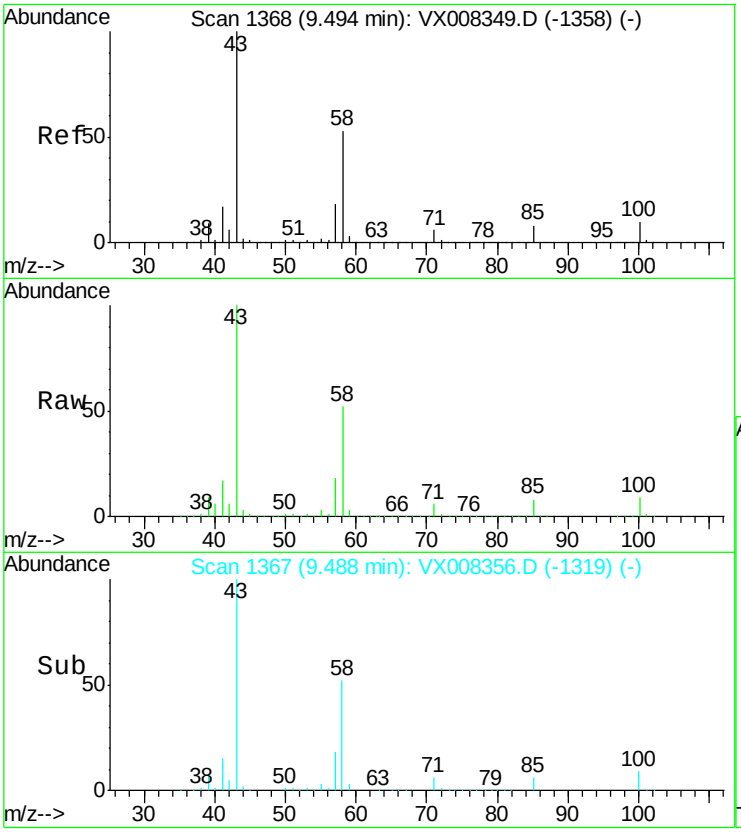




#58
2-Chloroethyl Vinyl ether
Concen: 96.667 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 63 Resp: 250204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 23.5 | 22.2 | 33.2 |



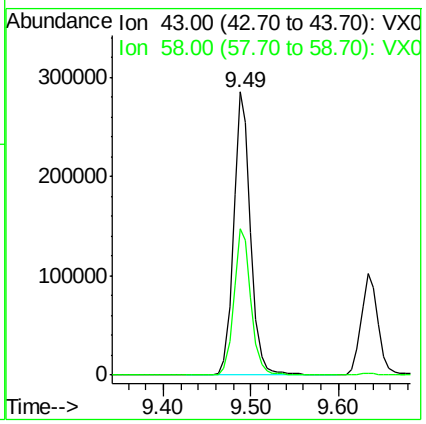


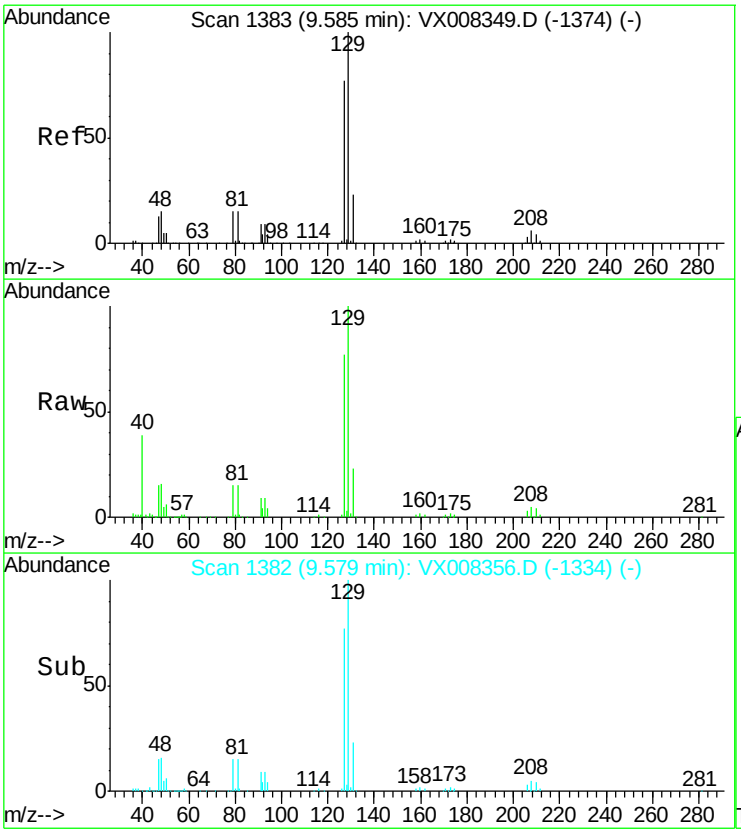

#59
2-Hexanone
Concen: 99.200 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 43 Resp: 384929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 52.3 | 27.6 | 82.7 |

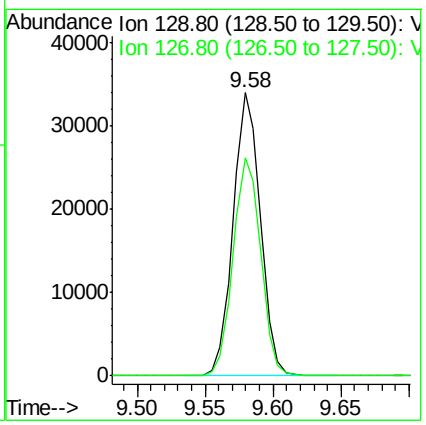


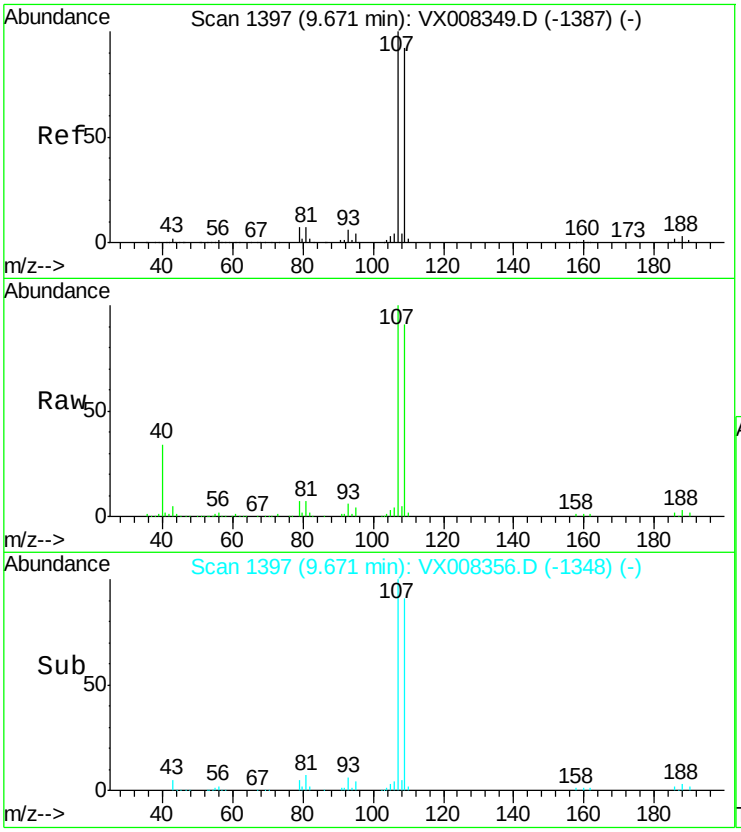




#60
Dibromochloromethane
Concen: 18.811 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion:129 Resp: 47345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.2 | 38.3 | 114.8 |



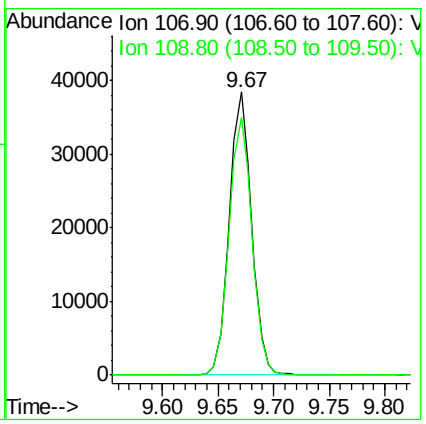


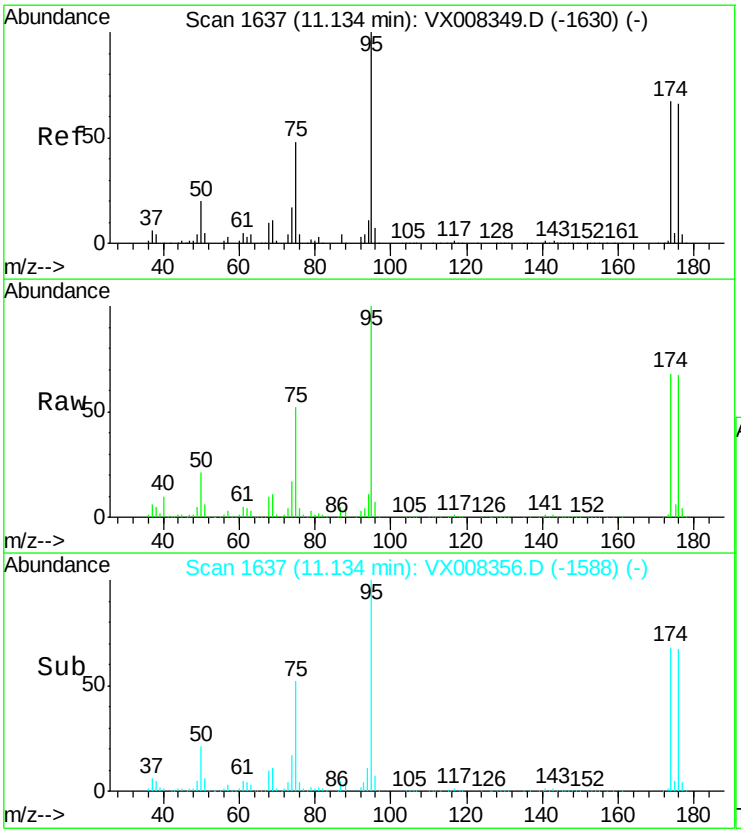

#61
1,2-Dibromoethane
Concen: 19.390 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion:107 Resp: 53361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.9 | 75.8 | 113.8 |

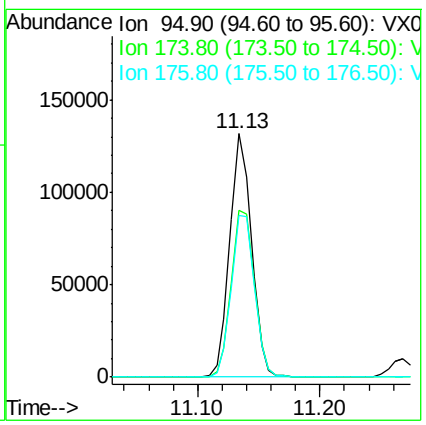


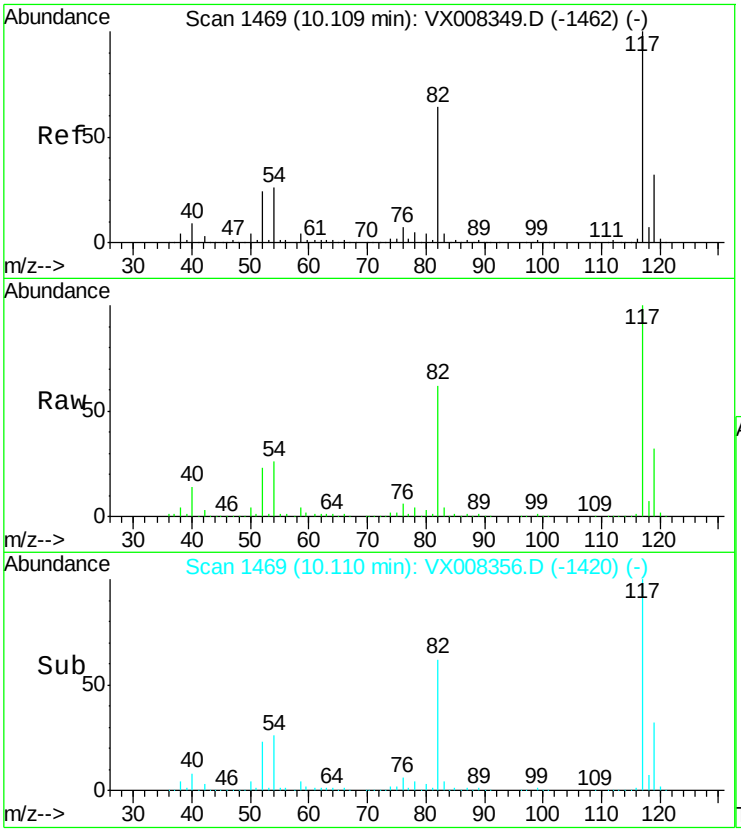




#62
4-Bromofluorobenzene
Concen: 48.026 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 95 Resp: 161656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 72.9 | 0.0 | 182.8 |
| 176 | 71.0 | 0.0 | 178.0 |



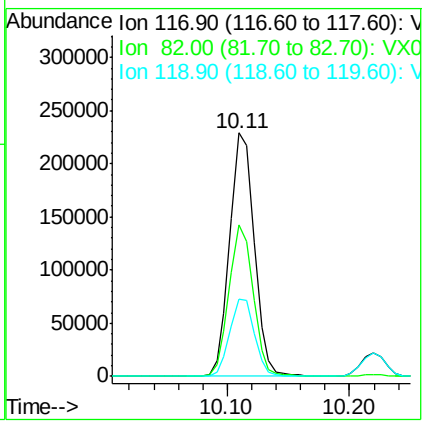


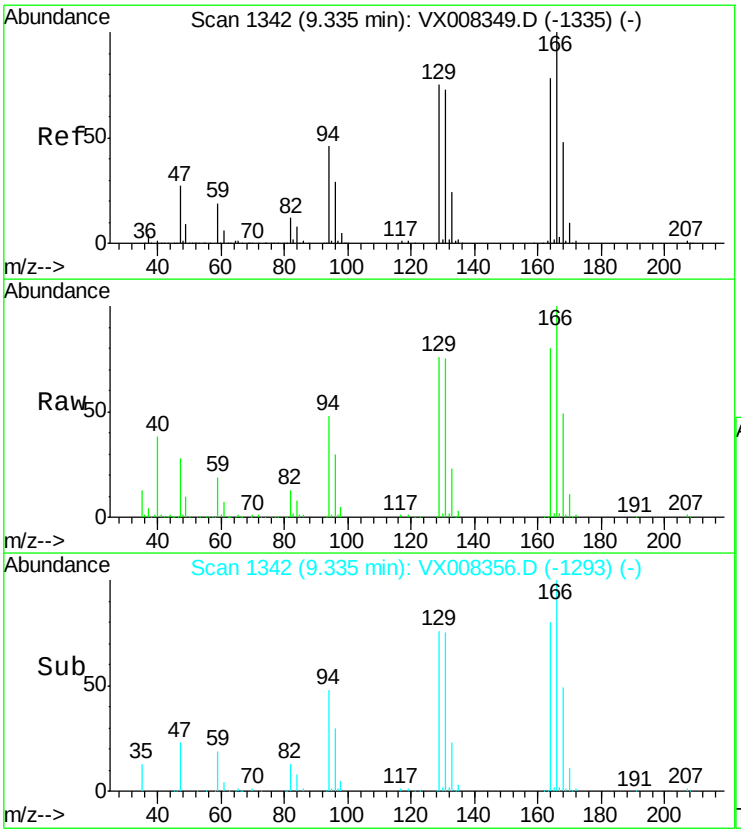

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :** MSVOA_X
**ClientSampleId :** VX0323WBS01

Tgt Ion:117 Resp: 318135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 62.0 | 44.3 | 66.5 |
| 119 | 31.9 | 25.3 | 37.9 |

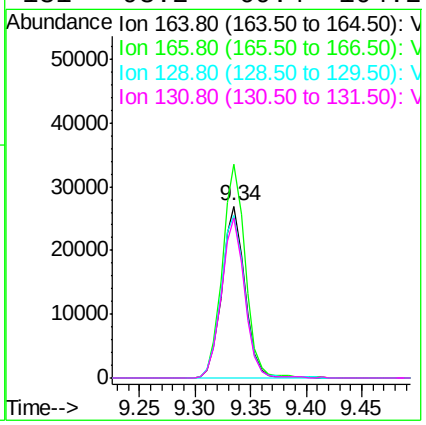


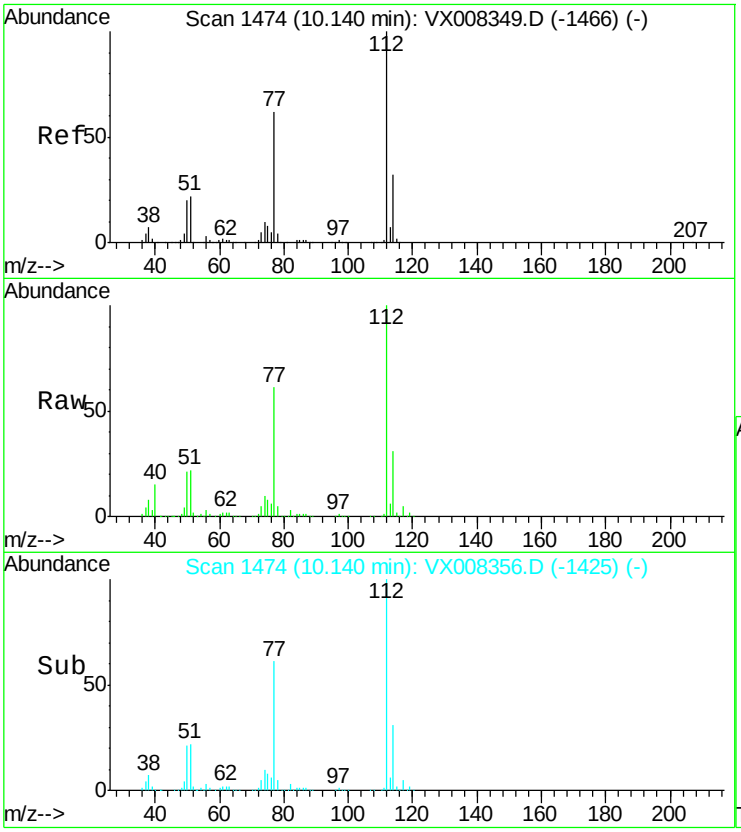




#64
Tetrachloroethene
Concen: 18.330 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion:164 Resp: 38134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 124.3 | 103.4 | 155.0 |
| 129 | 94.5 | 72.2 | 108.4 |
| 131 | 93.2 | 69.4 | 104.2 |



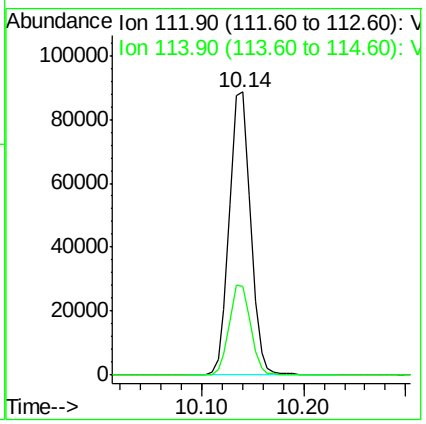


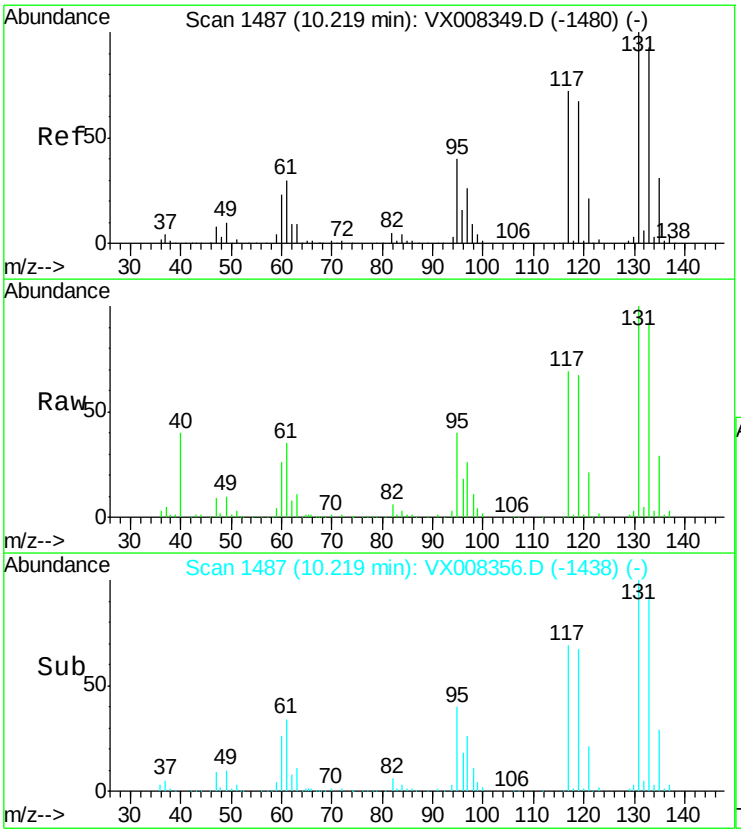

#65
Chlorobenzene
Concen: 19.067 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion:112 Resp: 127215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.4 | 26.0 | 39.0 |

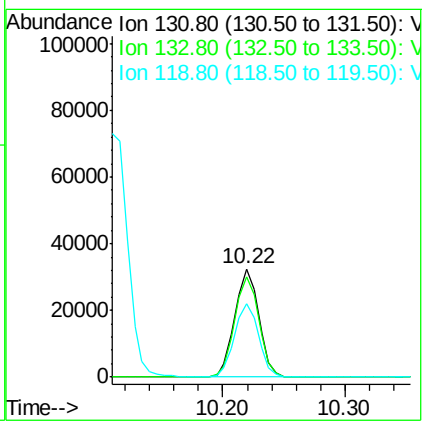


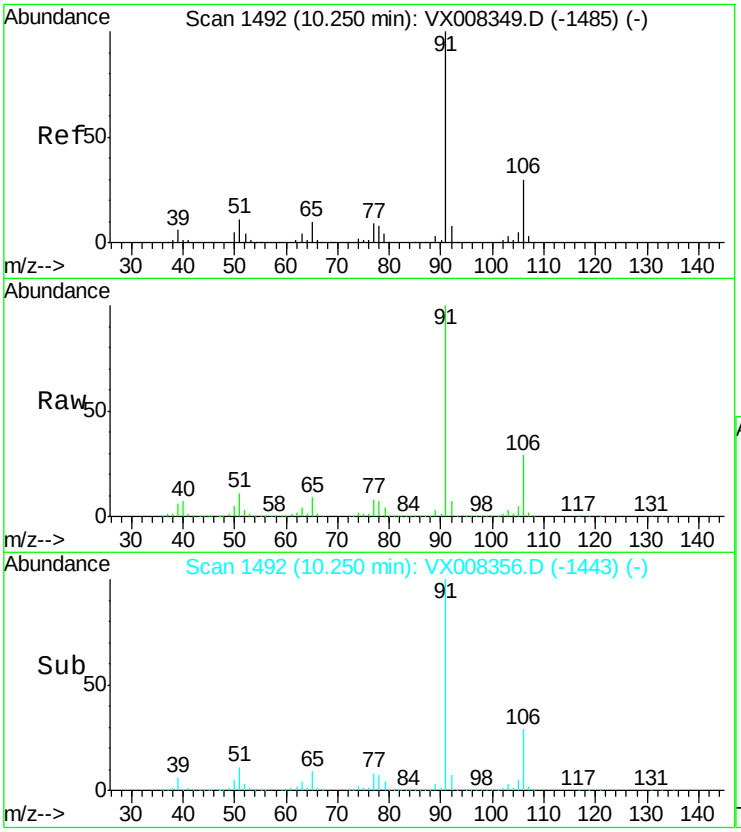




#66
1,1,1,2-Tetrachloroethane
Concen: 18.997 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion:131 Resp: 43954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 93.9 | 47.8 | 143.3 |
| 119 | 68.2 | 32.5 | 97.5 |



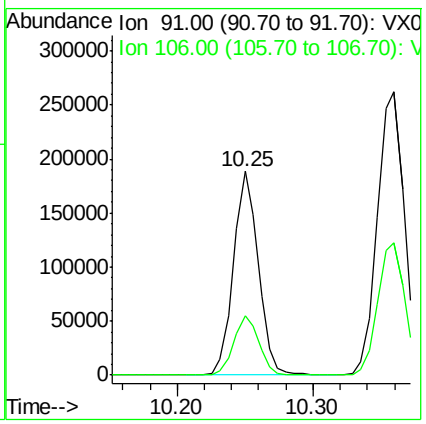


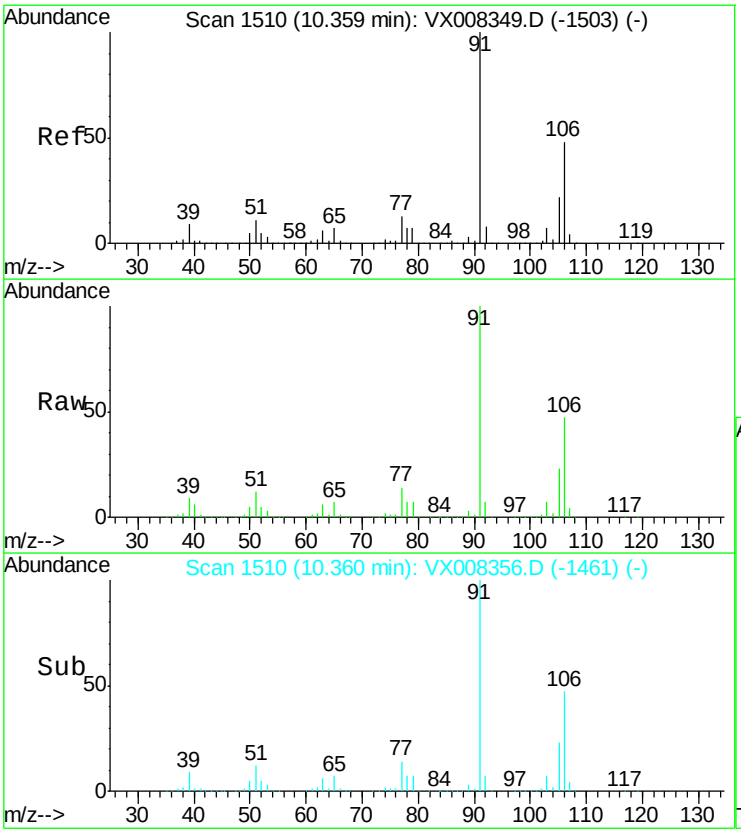

#67
Ethyl Benzene
Concen: 19.163 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :** MSVOA_X
**ClientSampleId :** VX0323WBS01

Tgt Ion: 91 Resp: 239400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 28.9 | 25.2 | 37.8 |

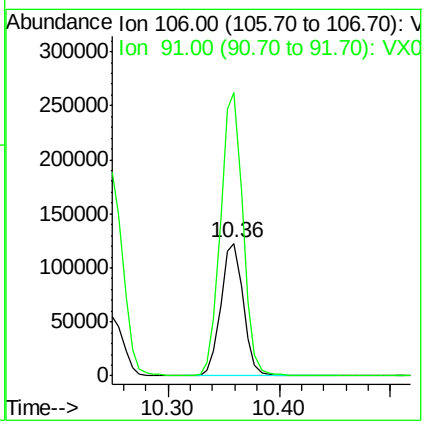


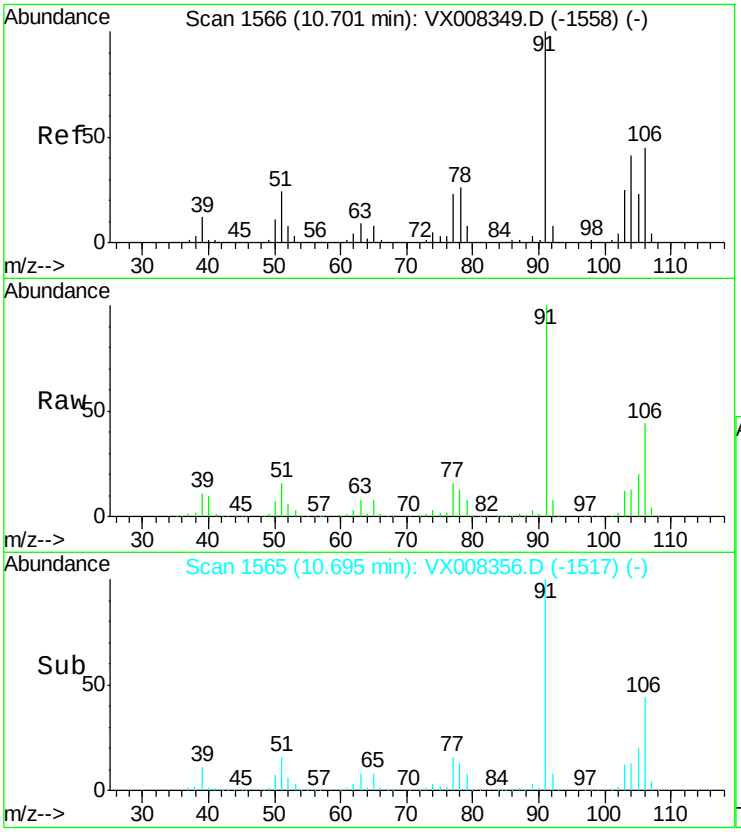




#68
m/p-Xylenes
Concen: 38.139 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion:106 Resp: 171197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 212.8 | 159.8 | 239.6 |



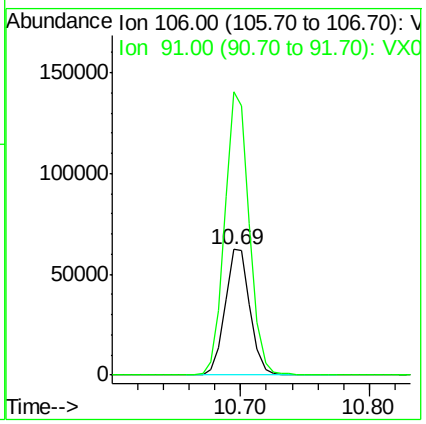


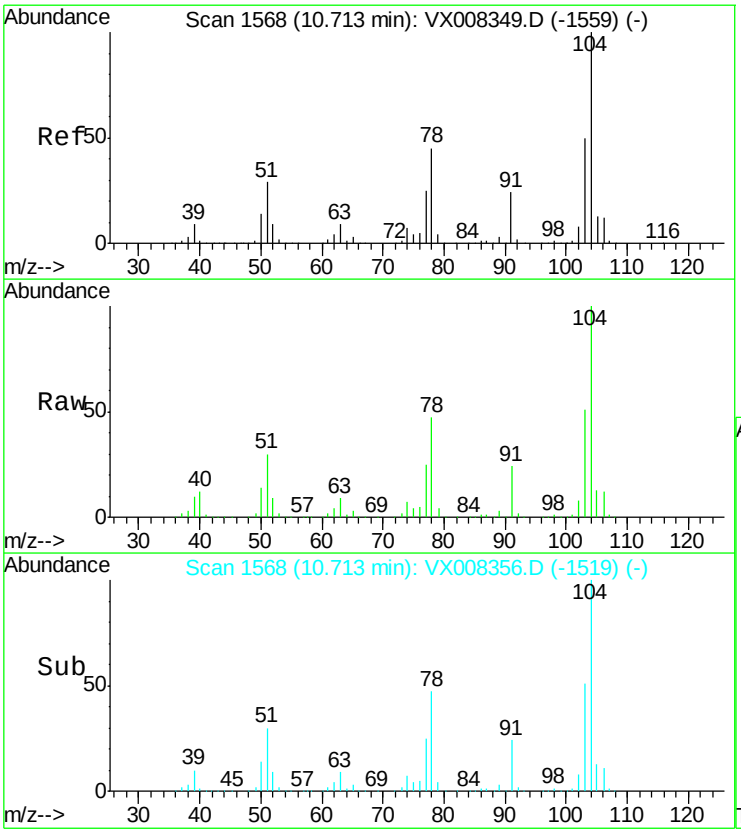

#69
o-Xylene
Concen: 19.281 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion:106 Resp: 84629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 222.3 | 106.3 | 318.9 |

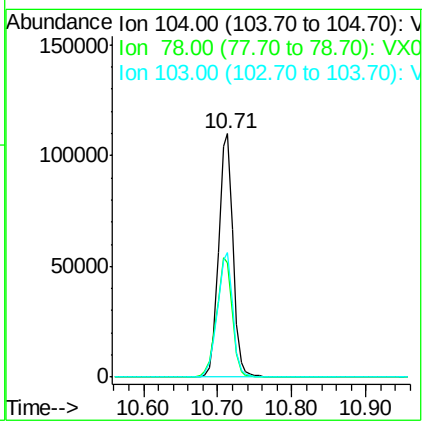


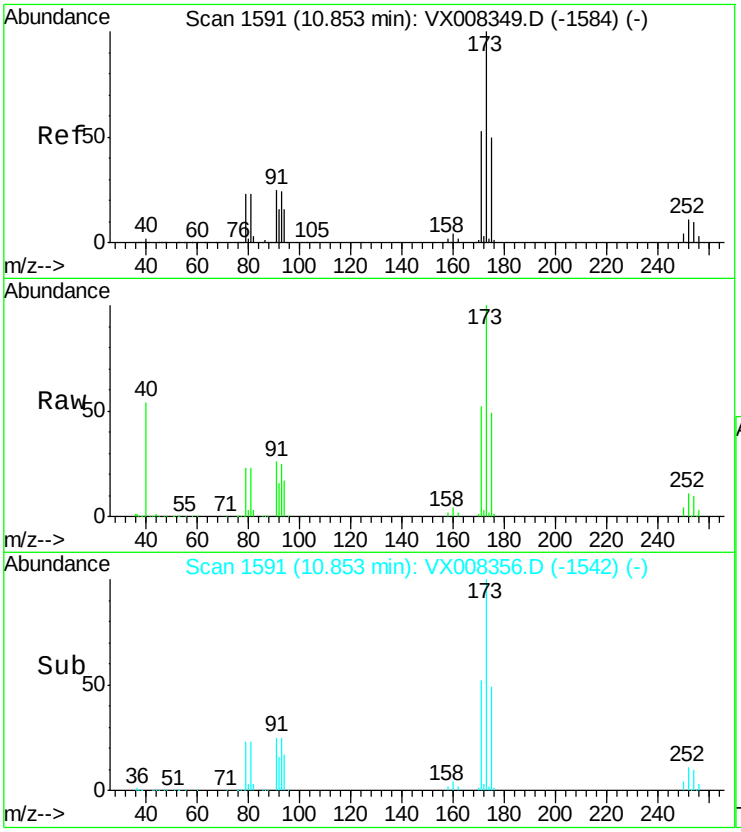




#70
Styrene
Concen: 19.189 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion:104 Resp: 146072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 53.4 | 38.5 | 57.7 |
| 103 | 55.0 | 44.1 | 66.1 |



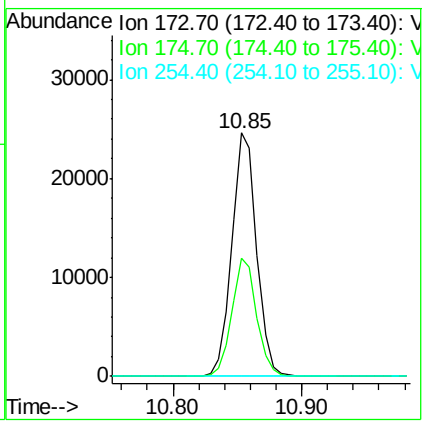


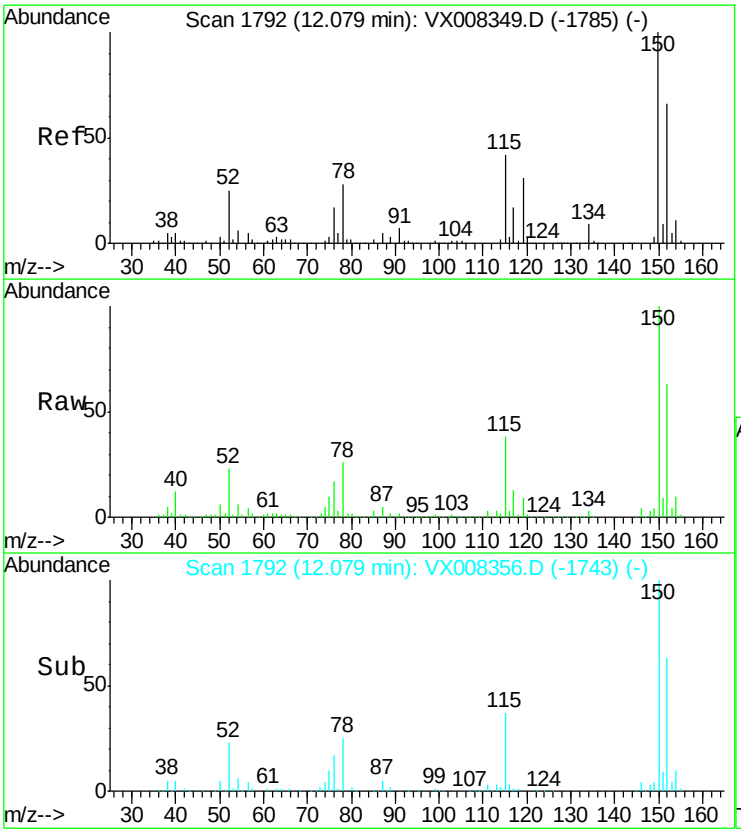

#71
Bromoform
Concen: 18.465 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion:173 Resp: 32912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.6 | 24.3 | 72.9 |
| 254 | 0.2 | 0.1 | 0.1# |

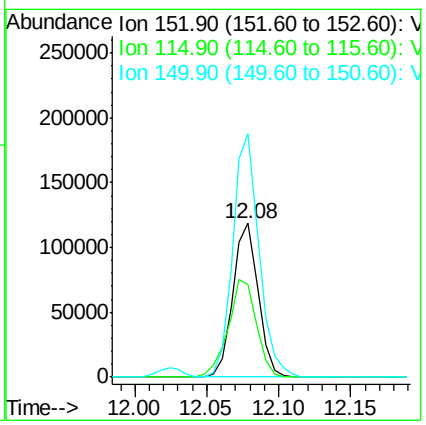


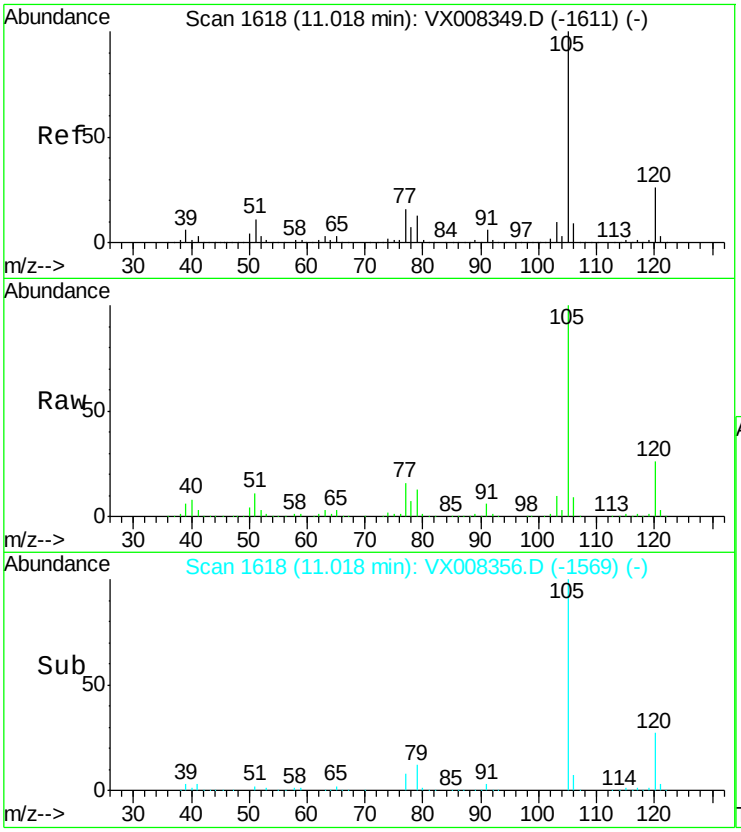




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion:152 Resp: 145947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 71.2 | 38.6 | 115.7 |
| 150 | 163.5 | 0.0 | 348.4 |



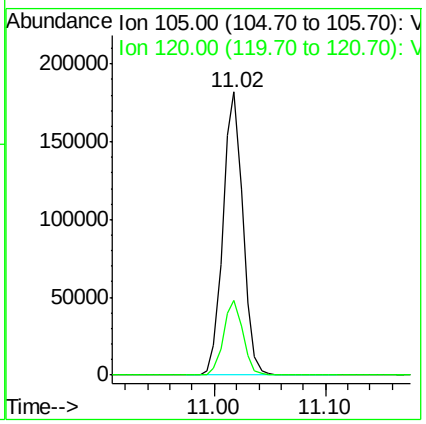


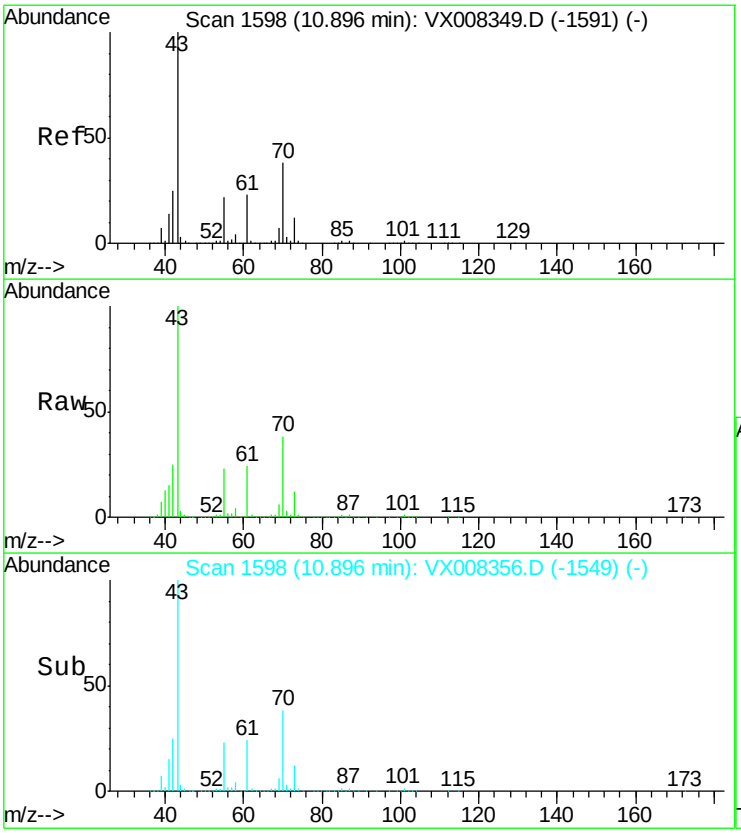

#73
Isopropylbenzene
Concen: 19.494 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :** MSVOA_X
**ClientSampleId :** VX0323WBS01

Tgt Ion:105 Resp: 224530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.8 | 13.4 | 40.1 |

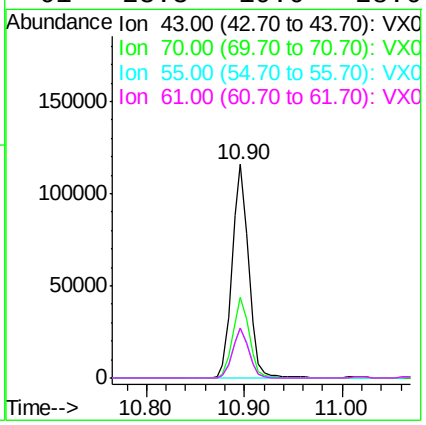


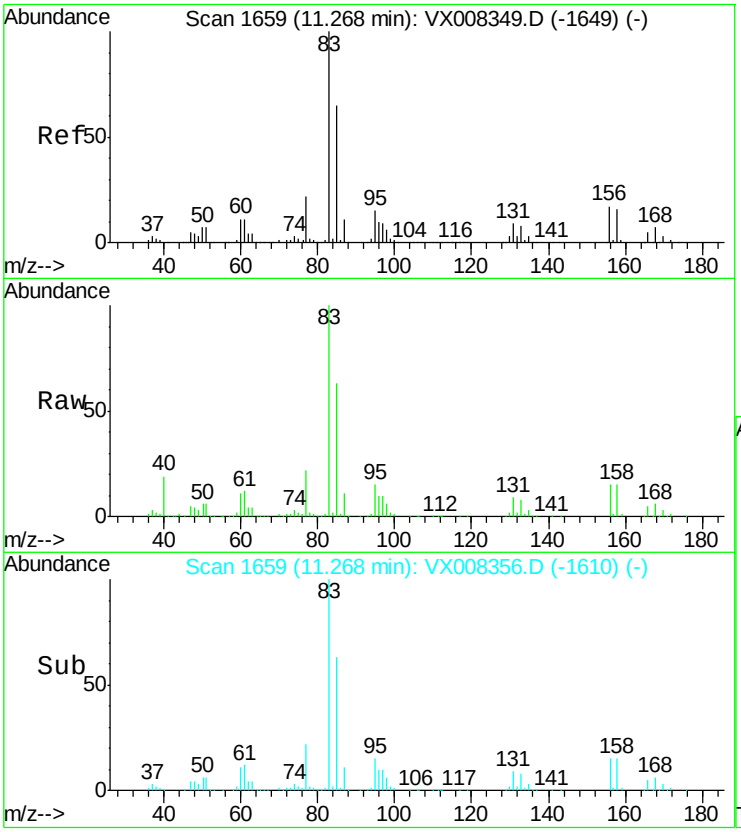




#74
N-amyl acetate
Concen: 20.020 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 43 Resp: 135001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 38.0 | 33.5 | 50.3 |
| 55 | 23.9 | 19.2 | 28.8 |
| 61 | 23.3 | 19.0 | 28.6 |



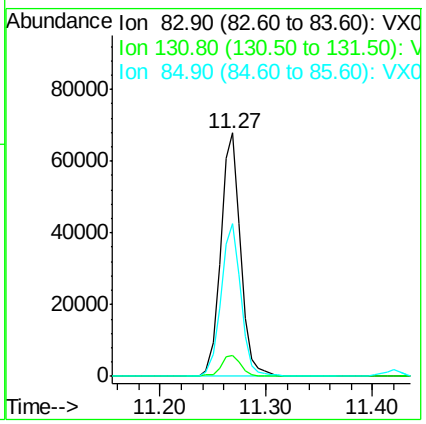


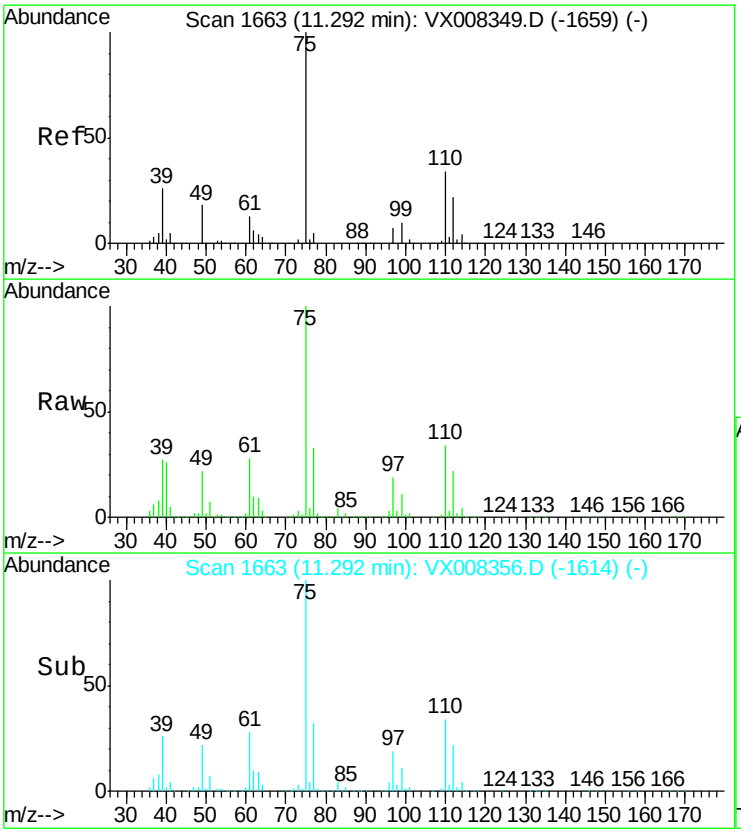

#75
1,1,2,2-Tetrachloroethane
Concen: 19.154 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 83 Resp: 87875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 8.7 | 5.4 | 16.2 |
| 85 | 63.2 | 32.3 | 96.8 |

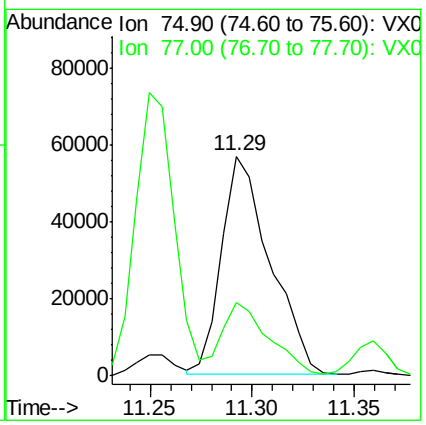


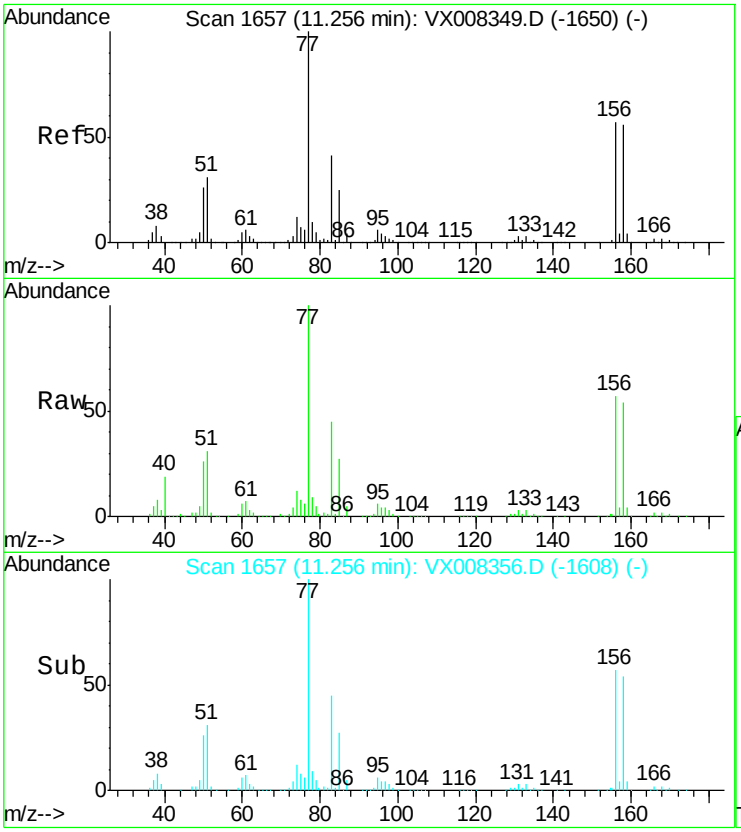




#76
1,2,3-Trichloropropane
Concen: 24.737 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 75 Resp: 94500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.0 | 18.9 | 56.7 |



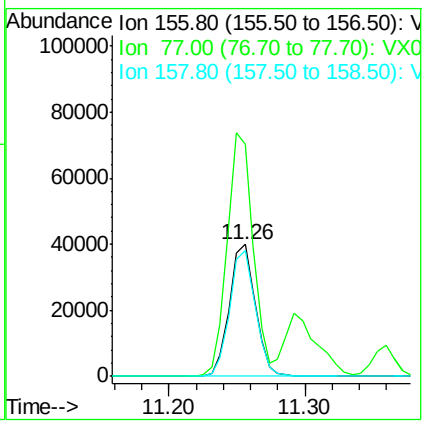


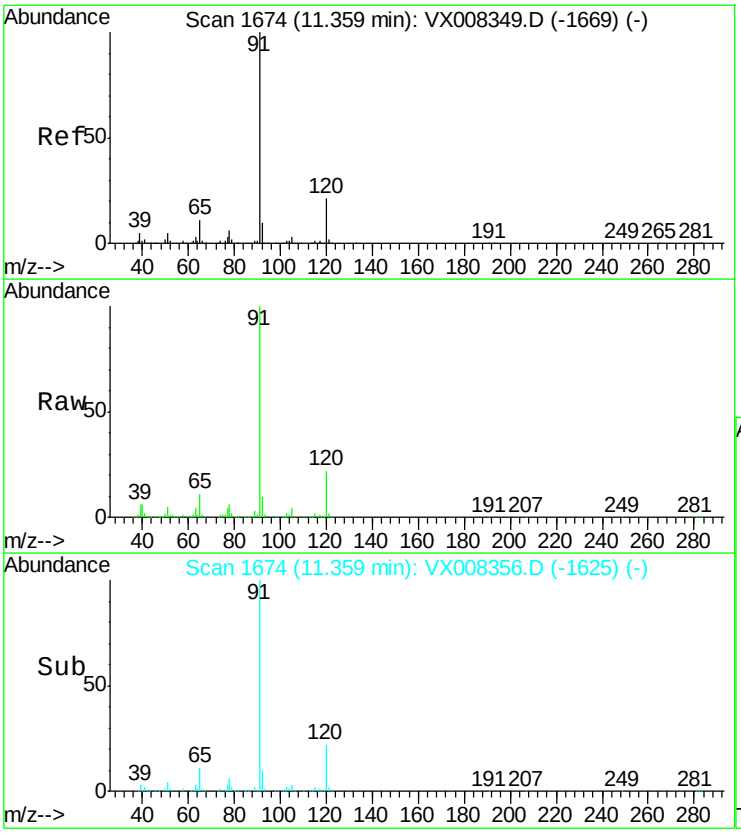

#77
Bromobenzene
Concen: 19.407 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion:156 Resp: 52891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 184.3 | 72.0 | 215.9 |
| 158 | 95.4 | 48.6 | 145.9 |

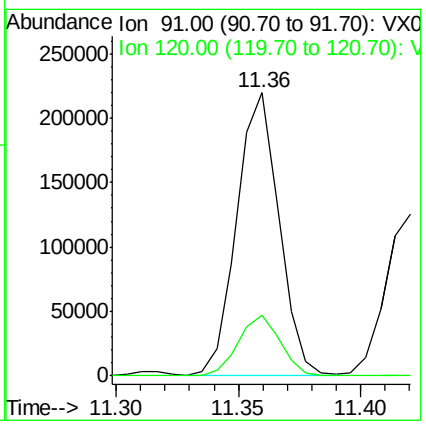


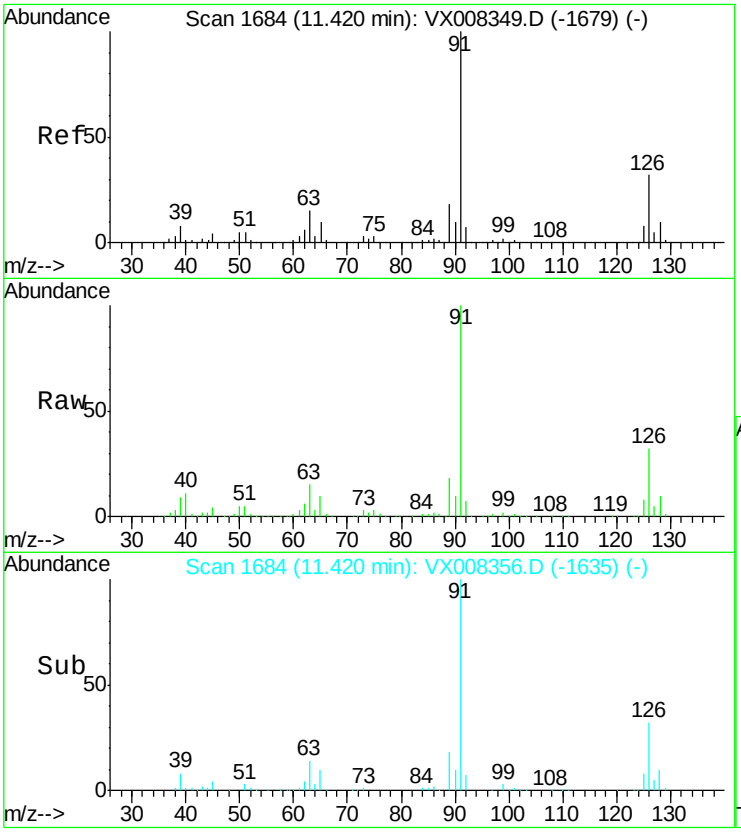




#78
n-propylbenzene
Concen: 19.448 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 91 Resp: 262532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 21.4 | 12.0 | 36.0 |



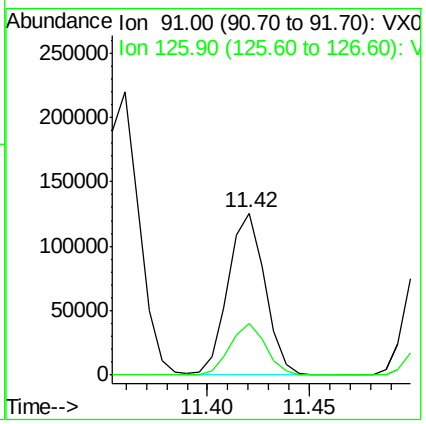


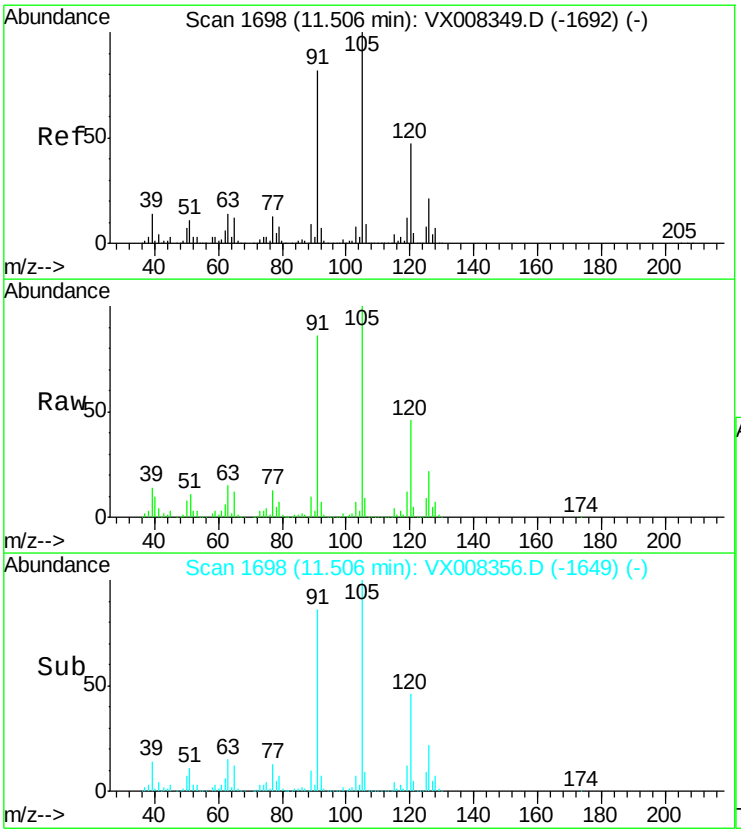

#79
2-Chlorotoluene
Concen: 19.037 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :** MSVOA_X
**ClientSampleId :** VX0323WBS01

Tgt Ion: 91 Resp: 156539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 31.5 | 17.5 | 52.6 |

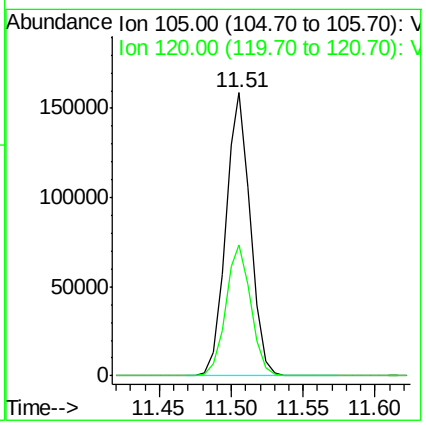


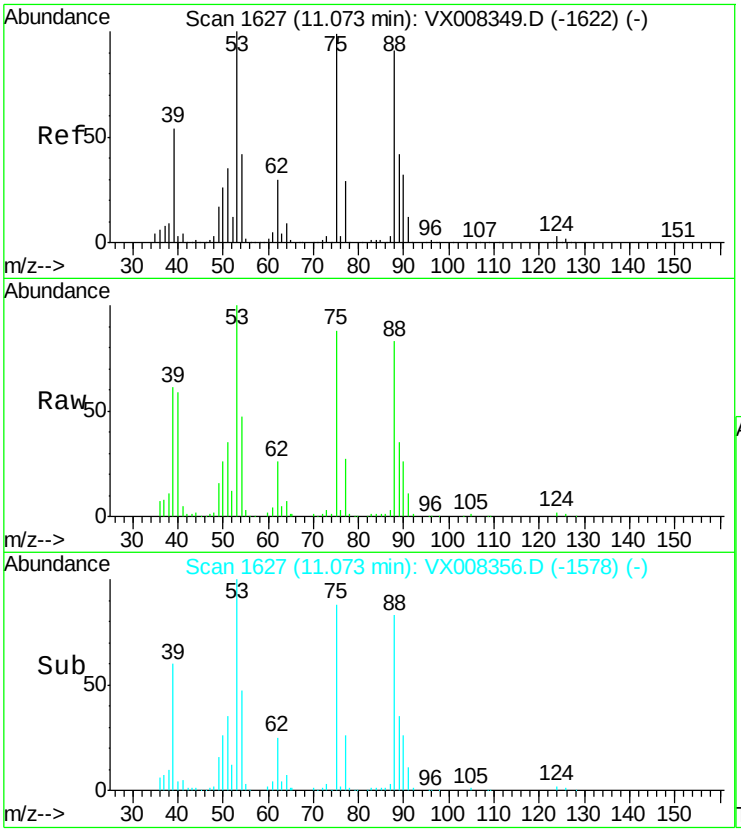




#80
1,3,5-Trimethylbenzene
Concen: 19.329 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion:105 Resp: 189383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.3 | 24.9 | 74.6 |



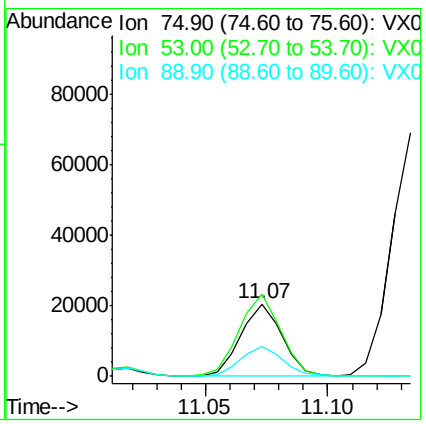


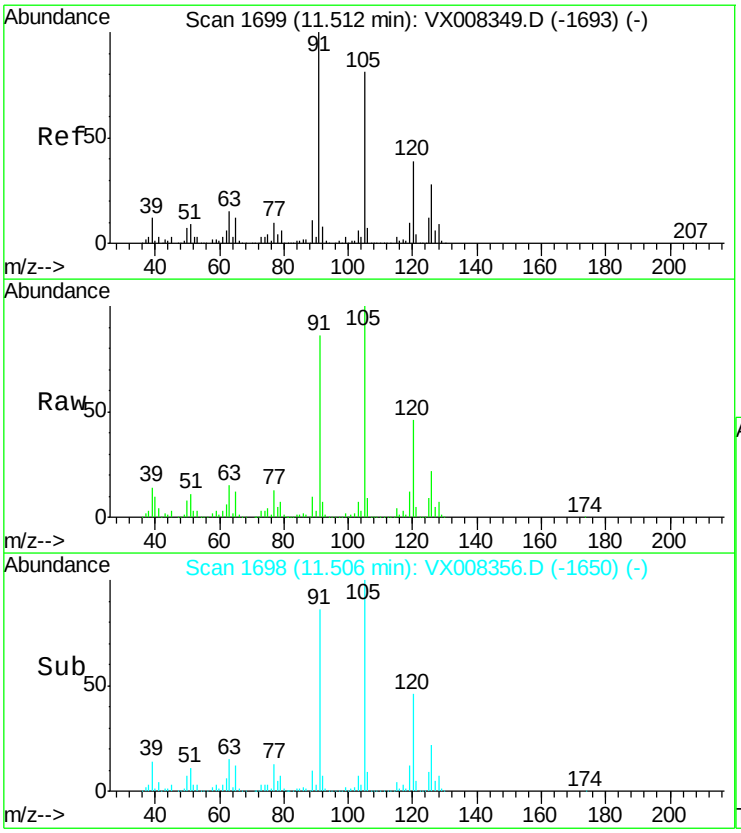

#81
trans-1,4-Dichloro-2-butene
Concen: 17.927 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion: 75 Resp: 24032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 116.0 | 76.1 | 114.1# |
| 89 | 42.8 | 36.3 | 54.5 |

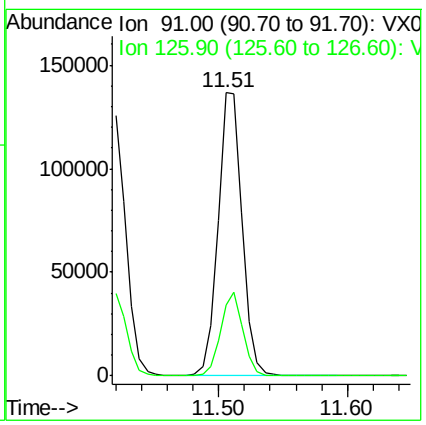


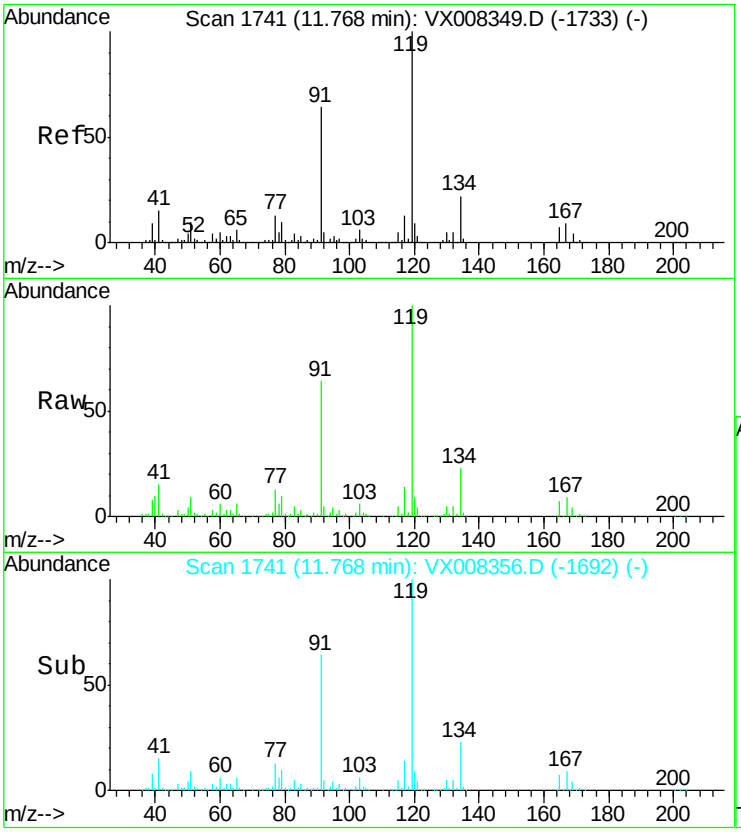




#82
4-Chlorotoluene
Concen: 18.910 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 91 Resp: 179171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 27.7 | 15.6 | 46.8 |



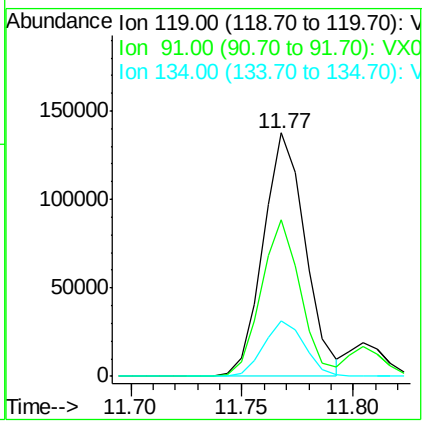


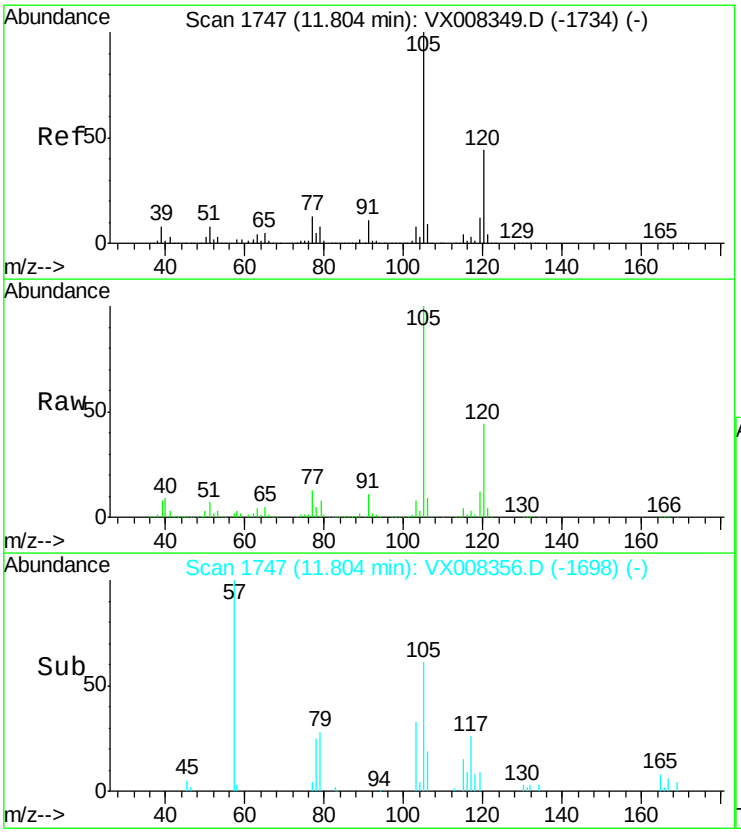

#83
tert-Butylbenzene
Concen: 19.304 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion:119 Resp: 180107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 60.5 | 27.1 | 81.3 |
| 134 | 22.3 | 11.4 | 34.1 |

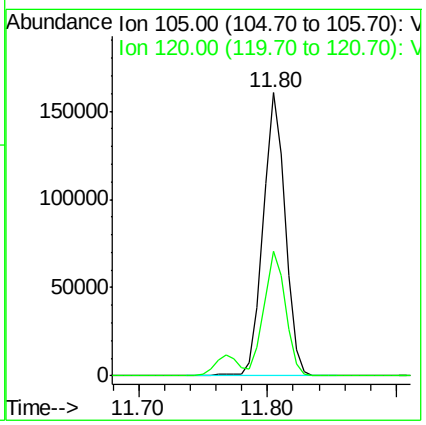


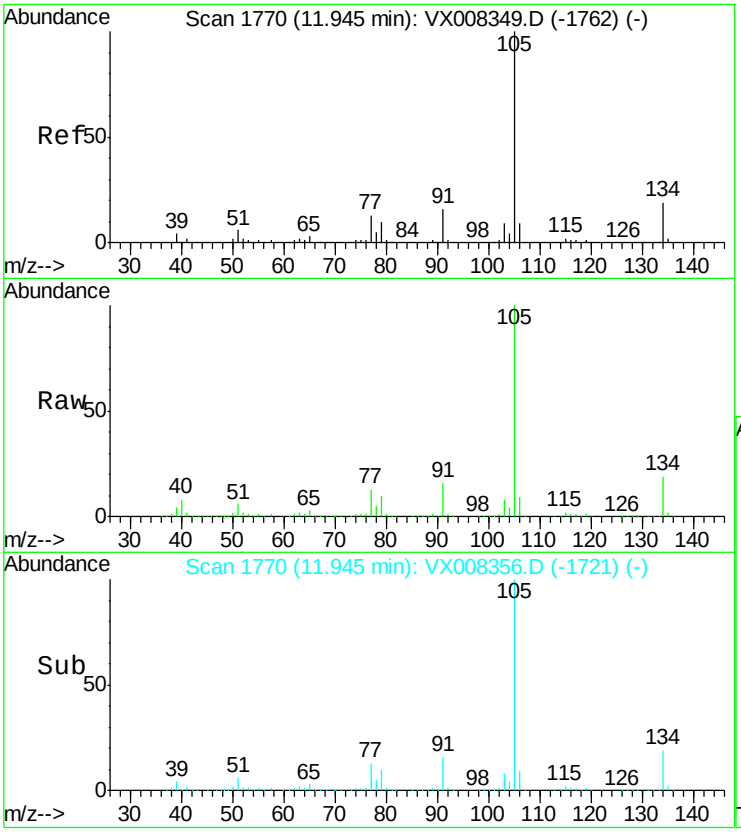




#84
1,2,4-Trimethylbenzene
Concen: 19.499 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion:105 Resp: 190662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.3 | 22.6 | 67.7 |



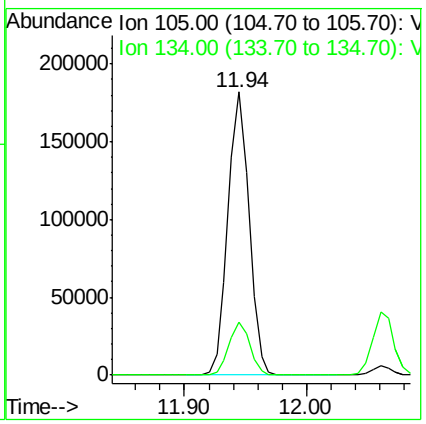


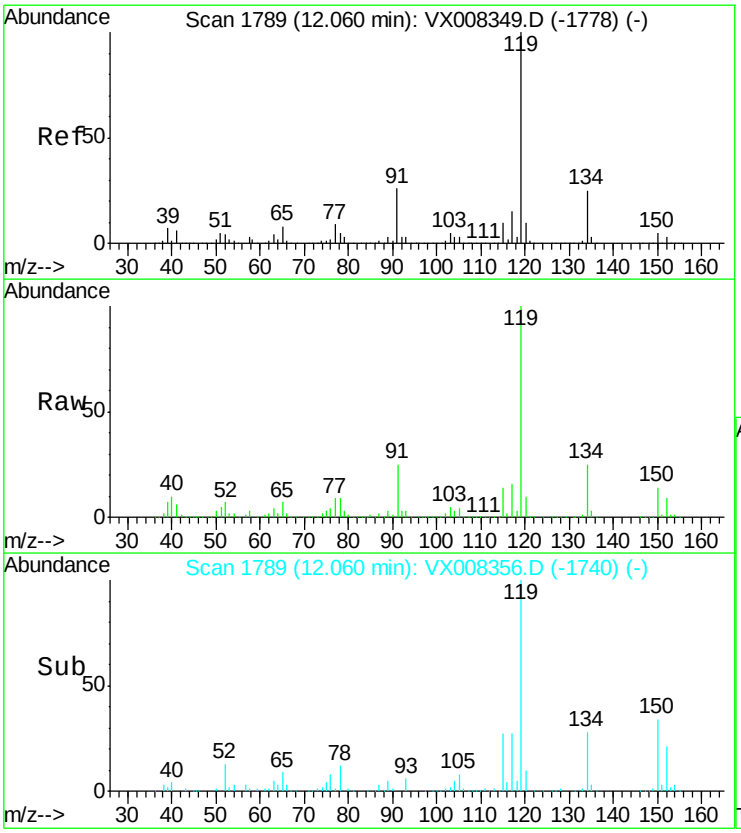

#85
sec-Butylbenzene
Concen: 19.361 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :** MSVOA_X
**ClientSampleId :** VX0323WBS01

Tgt Ion:105 Resp: 216498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 18.8 | 10.4 | 31.2 |

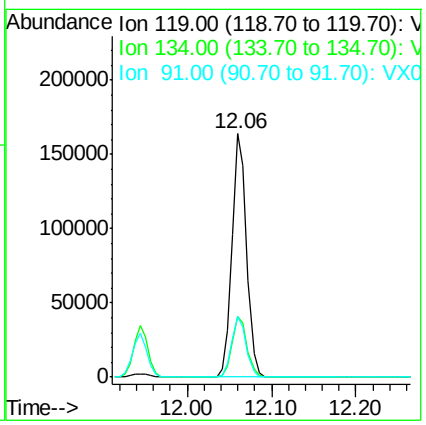


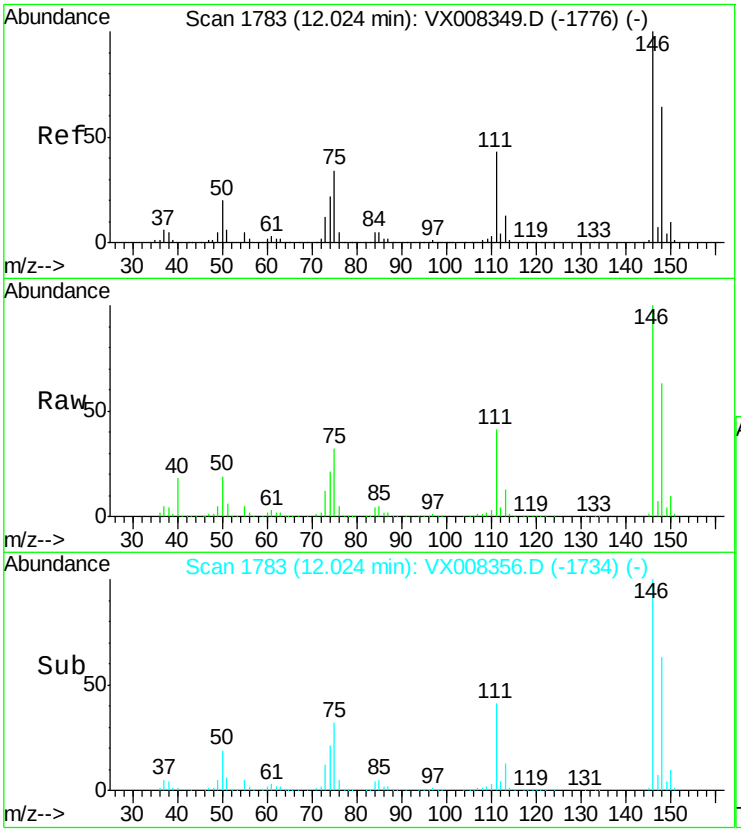




#86
p-Isopropyltoluene
Concen: 19.532 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion:119 Resp: 192514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.5 | 13.3 | 39.9 |
| 91 | 25.1 | 10.9 | 32.7 |



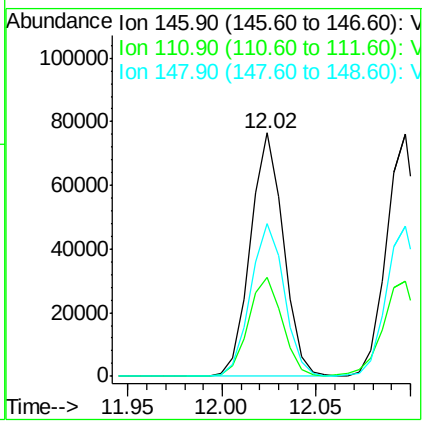


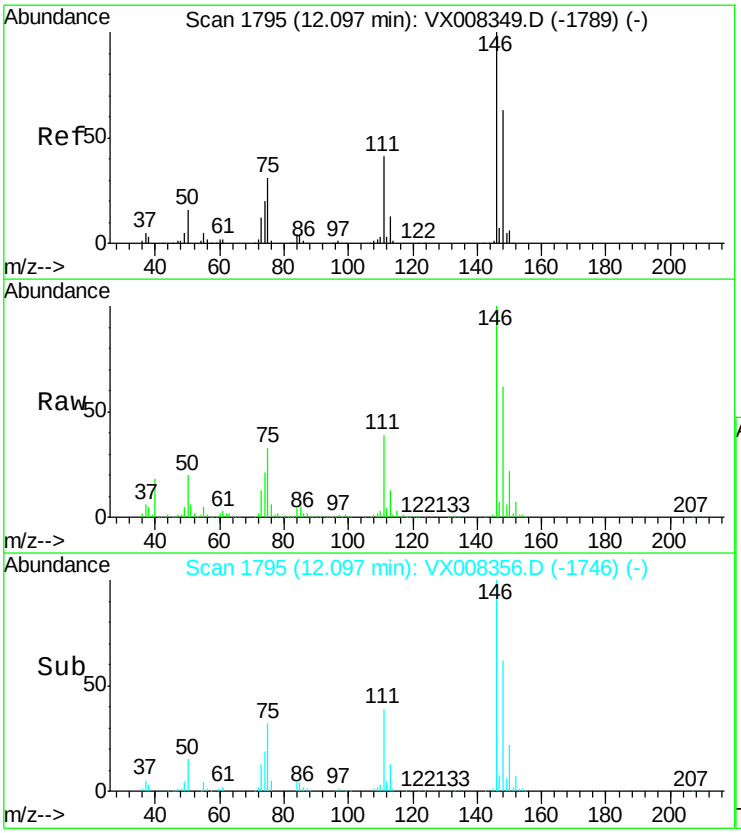

#87
1,3-Dichlorobenzene
Concen: 18.924 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :** MSVOA_X
**ClientSampleId :** VX0323WBS01

Tgt Ion:146 Resp: 92628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.0 | 18.9 | 56.7 |
| 148 | 64.0 | 31.7 | 95.1 |

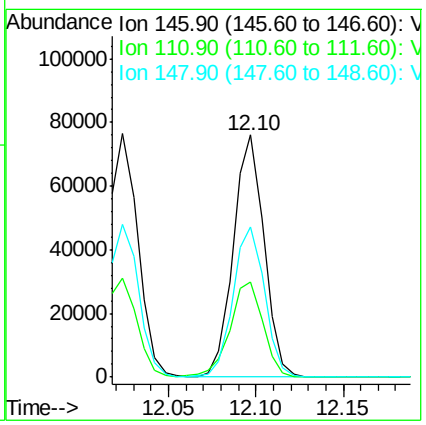


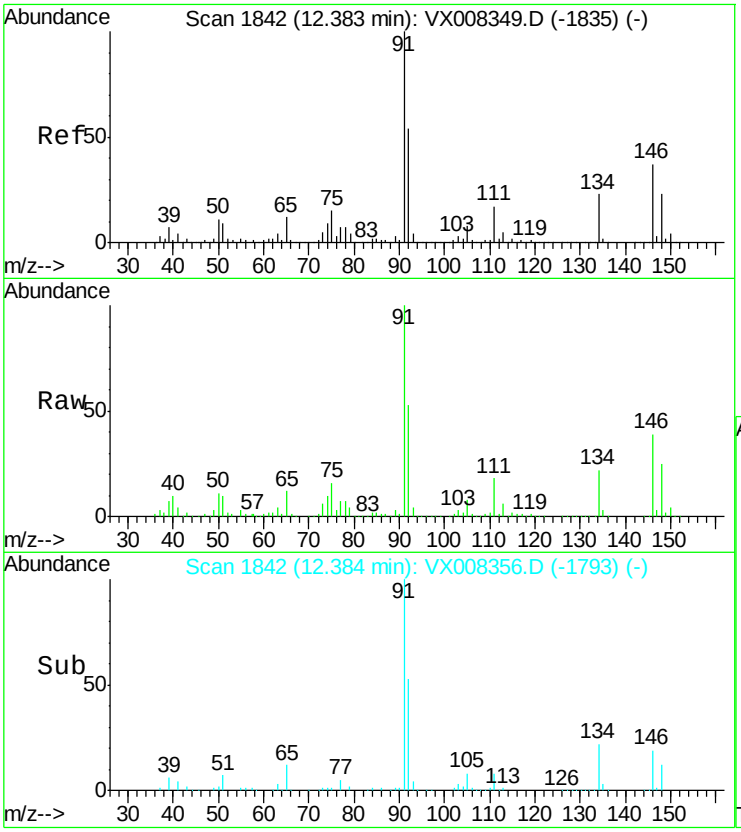




#88
1,4-Dichlorobenzene
Concen: 18.580 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion:146 Resp: 92534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.5 | 18.4 | 55.0 |
| 148 | 64.1 | 32.2 | 96.6 |



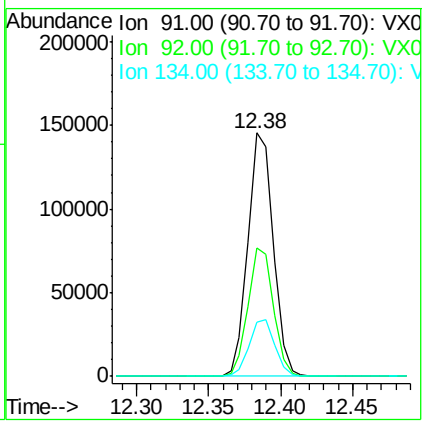


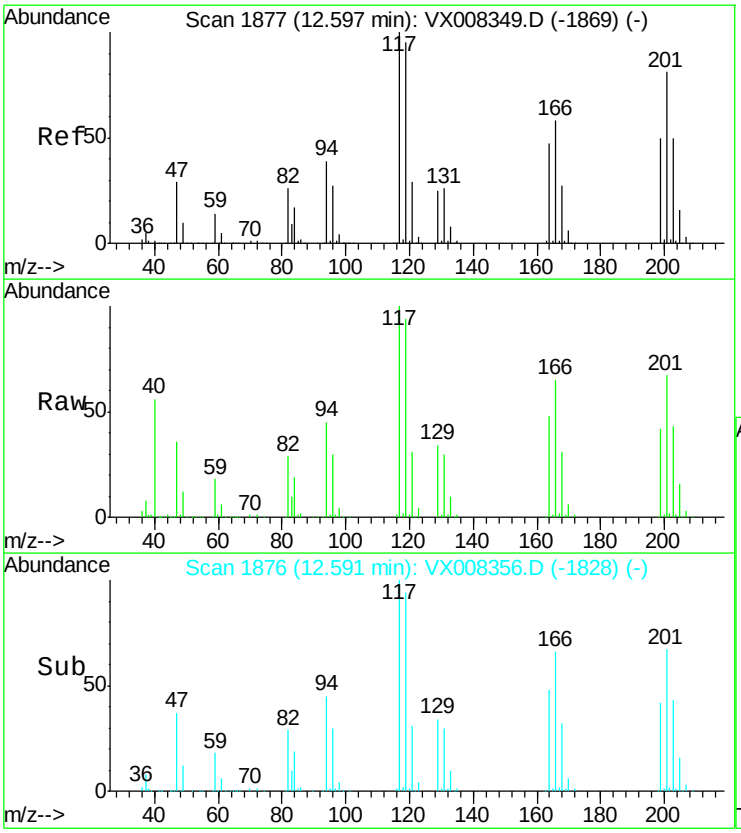

#89
n-Butylbenzene
Concen: 18.732 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :** MSVOA_X
**ClientSampleId :** VX0323WBS01

Tgt Ion: 91 Resp: 176256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.7 | 27.0 | 80.8 |
| 134 | 23.5 | 13.7 | 41.0 |

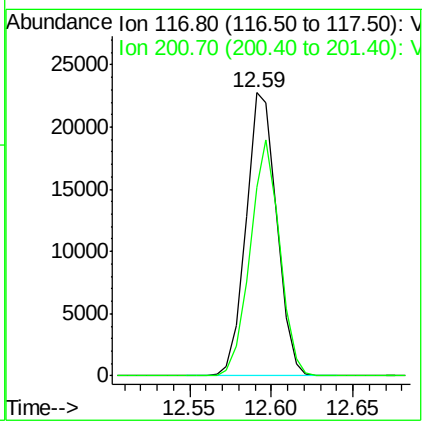


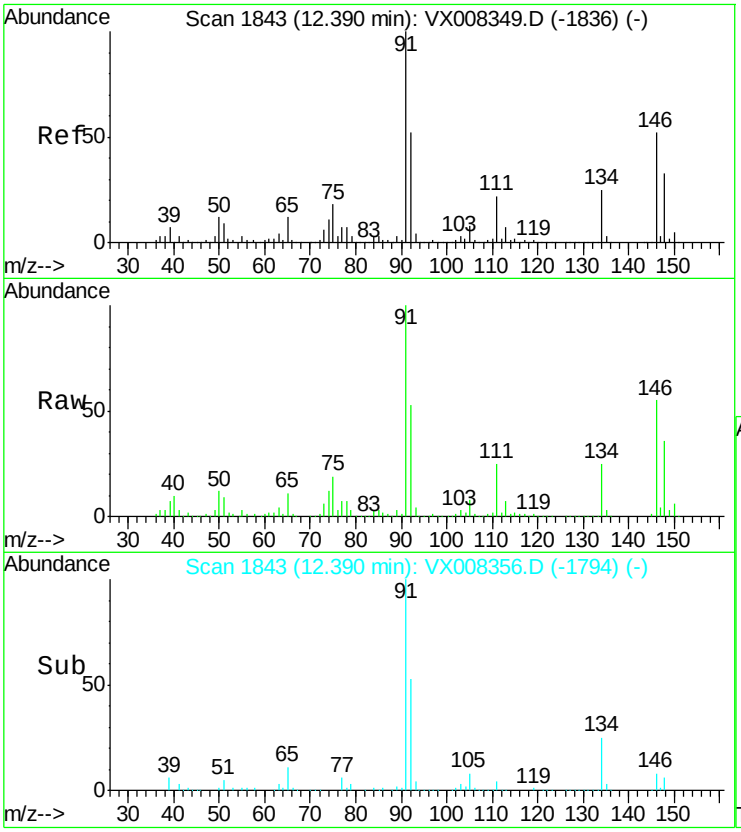




#90
Hexachloroethane
Concen: 18.353 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion:117 Resp: 29880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 79.6 | 48.9 | 146.7 |



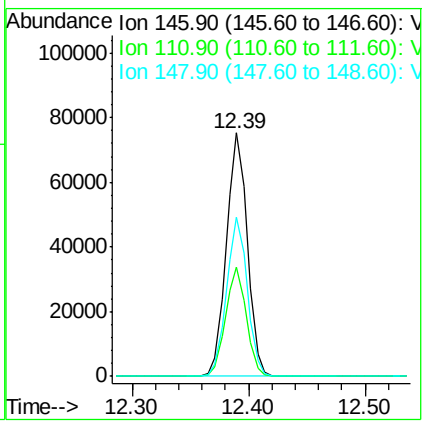


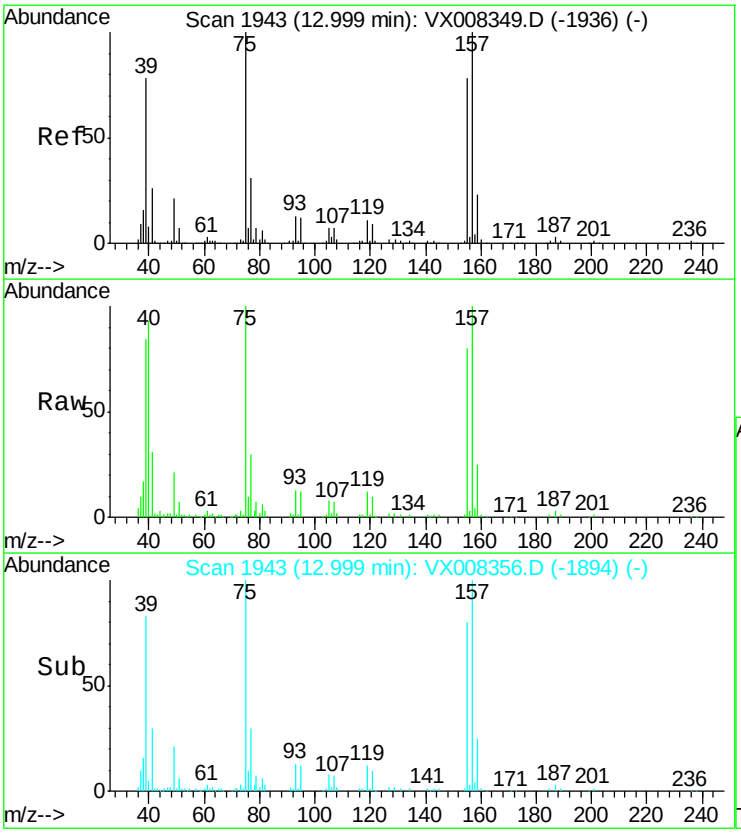

#91
1,2-Dichlorobenzene
Concen: 18.987 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion:146 Resp: 94122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.2 | 19.6 | 58.8 |
| 148 | 64.7 | 31.9 | 95.5 |

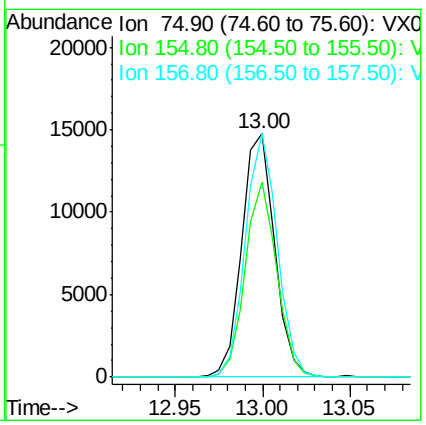


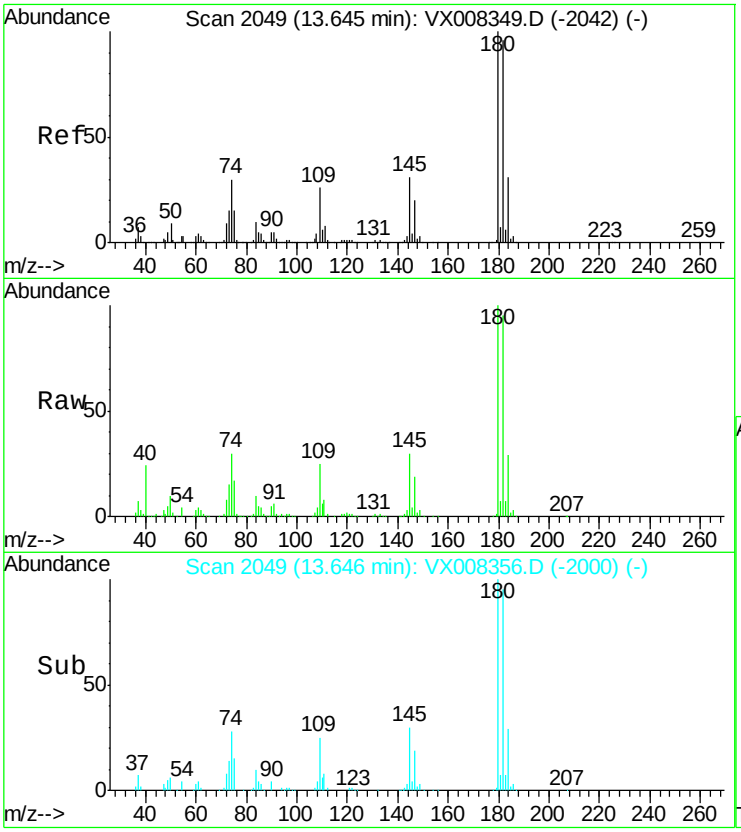




#92
1,2-Dibromo-3-Chloropropane
Concen: 19.674 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion: 75 Resp: 19237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 77.1 | 49.7 | 149.1 |
| 157 | 97.1 | 63.8 | 191.4 |



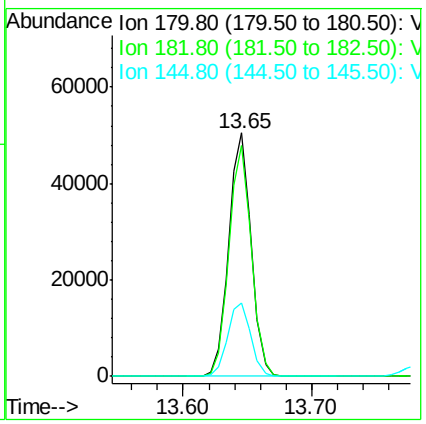


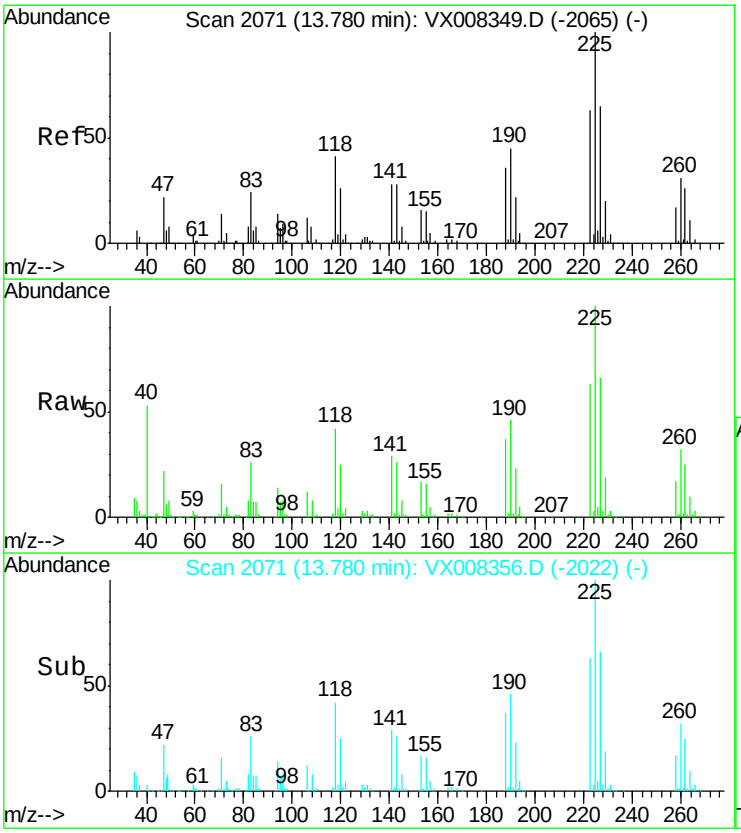

#93
1,2,4-Trichlorobenzene
Concen: 18.431 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion:180 Resp: 61612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.7 | 47.9 | 143.7 |
| 145 | 31.3 | 14.1 | 42.4 |

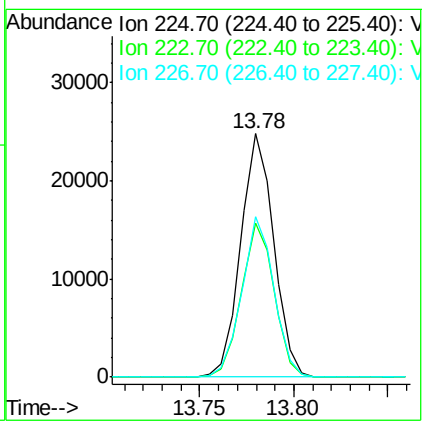


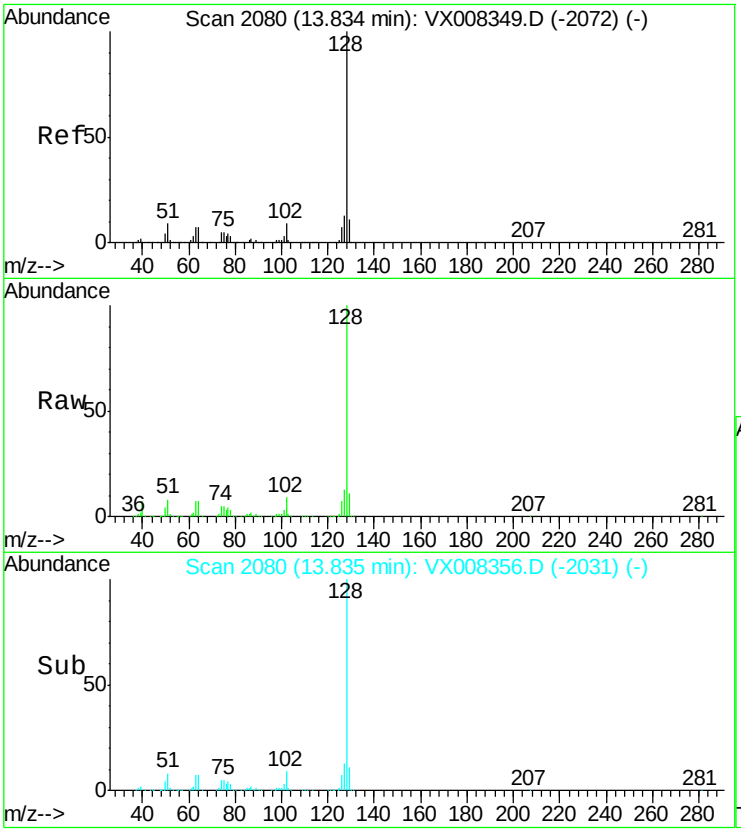




#94
Hexachlorobutadiene
Concen: 19.055 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion:225 Resp: 30103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.8 | 31.1 | 93.2 |
| 227 | 64.2 | 32.0 | 96.0 |



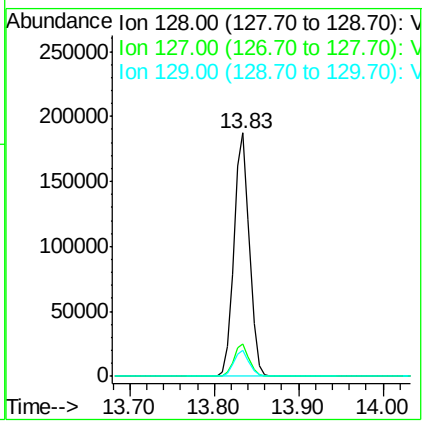


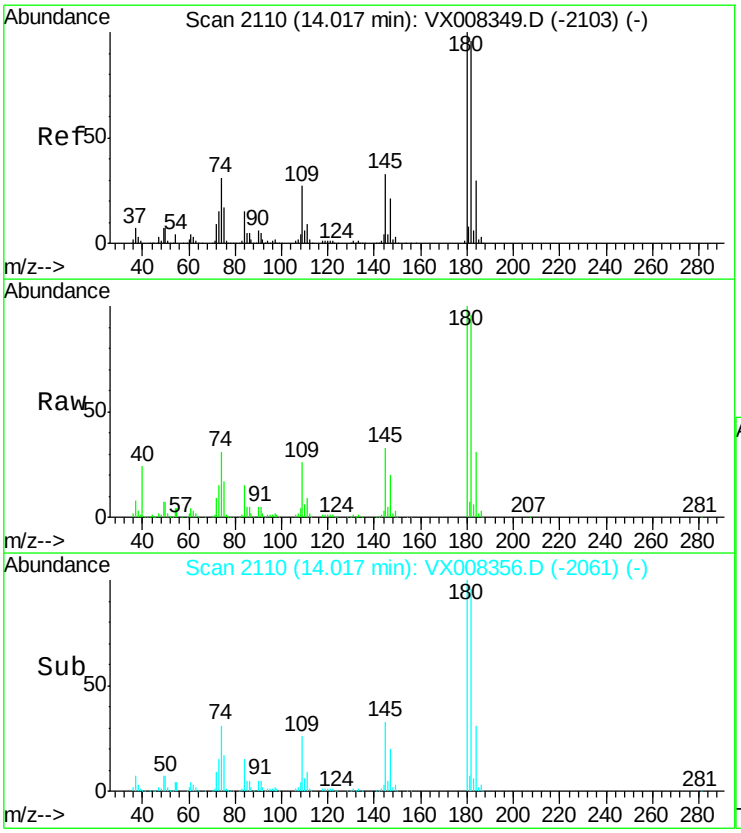

#95
Naphthalene
Concen: 19.567 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0323WBS01

Tgt Ion:128 Resp: 229698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.1 | 10.3 | 15.5 |
| 129 | 10.8 | 8.7 | 13.1 |




#96
1,2,3-Trichlorobenzene
Concen: 19.108 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008356.D
Acq: 23 Mar 2019 17:46

Tgt Ion:180 Resp: 64454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.2 | 47.5 | 142.5 |
| 145 | 32.8 | 14.8 | 44.3 |