Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090319\

Quantitation Report (Not Reviewed)

Data File : VX012019.D
Acq On : 03 Sep 2019 13:13
Operator : SY/SP
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC010

Quant Time: Sep 03 14:38:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 14:34:39 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.64 | 168 | 156593 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.84 | 114 | 284432 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 260316 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152 | 122464 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.04 | 65 | 21559 | 15.58 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 31.16% | | | | |
| 35) Dibromofluoromethane | 5.48 | 113 | 17596 | 9.43 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 18.86% | | | | |
| 50) Toluene-d8 | 8.71 | 98 | 60556 | 9.22 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 18.44% | | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 31522 | 11.10 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 22.20% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.19 | 85 | 14945 | 15.812 | ug/l | | 97 |
| 3) Chloromethane | 1.31 | 50 | 14198 | 15.114 | ug/l | | 99 |
| 4) Vinyl Chloride | 1.39 | 62 | 12874 | 13.492 | ug/l | | 100 |
| 5) Bromomethane | 1.62 | 94 | 7957 | 11.761 | ug/l | | 96 |
| 6) Chloroethane | 1.71 | 64 | 8494 | 14.074 | ug/l | | 94 |
| 7) Trichlorofluoromethane | 1.92 | 101 | 21833 | 12.604 | ug/l | | 99 |
| 8) Diethyl Ether | 2.17 | 74 | 7664 | 14.551 | ug/l | | 97 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 16517 | 14.973 | ug/l | | 98 |
| 10) Methyl Iodide | 2.50 | 142 | 9070 | 8.230 | ug/l | | 97 |
| 11) Tert butyl alcohol | 3.03 | 59 | 10329 | 90.353 | ug/l | # | 93 |
| 12) 1,1-Dichloroethene | 2.36 | 96 | 15264 | 15.165 | ug/l | | 92 |
| 13) Acrolein | 2.28 | 56 | 4024 | 96.147 | ug/l | | 89 |
| 14) Allyl chloride | 2.71 | 41 | 26683 | 15.469 | ug/l | | 100 |
| 15) Acrylonitrile | 3.12 | 53 | 24671 | 91.553 | ug/l | | 96 |
| 16) Acetone | 2.43 | 43 | 26823 | 98.765 | ug/l | | 98 |
| 17) Carbon Disulfide | 2.56 | 76 | 39655 | 13.965 | ug/l | | 99 |
| 18) Methyl Acetate | 2.76 | 43 | 11732 | 16.670 | ug/l | | 98 |
| 19) Methyl tert-butyl Ether | 3.18 | 73 | 52429 | 17.474 | ug/l | | 100 |
| 20) Methylene Chloride | 2.84 | 84 | 22163 | 18.067 | ug/l | | 97 |
| 21) trans-1,2-Dichloroethene | 3.15 | 96 | 17537 | 14.658 | ug/l | | 90 |
| 22) Diisopropyl ether | 3.84 | 45 | 58377 | 16.828 | ug/l | | 98 |
| 23) Vinyl Acetate | 3.80 | 43 | 184614 | 84.639 | ug/l | | 100 |
| 24) 1,1-Dichloroethane | 3.68 | 63 | 33798 | 16.706 | ug/l | | 98 |
| 25) 2-Butanone | 4.65 | 43 | 33667 | 90.995 | ug/l | | 94 |
| 26) 2,2-Dichloropropane | 4.56 | 77 | 31424 | 16.745 | ug/l | | 100 |
| 27) cis-1,2-Dichloroethene | 4.58 | 96 | 21388 | 15.560 | ug/l | | 99 |
| 28) Bromochloromethane | 5.00 | 49 | 13677 | 16.450 | ug/l | | 97 |
| 29) Tetrahydrofuran | 5.12 | 42 | 20780 | 91.323 | ug/l | | 96 |
| 30) Chloroform | 5.19 | 83 | 35716 | 16.084 | ug/l | | 90 |
| 31) Cyclohexane | 5.56 | 56 | 26825 | 15.916 | ug/l | | 96 |
| 32) 1,1,1-Trichloroethane | 5.48 | 97 | 31025 | 15.017 | ug/l | | 99 |
| 36) 1,1-Dichloropropene | 5.79 | 75 | 25458 | 11.697 | ug/l | | 99 |
| 37) Ethyl Acetate | 4.82 | 43 | 13024 | 11.954 | ug/l | # | 94 |
| 38) Carbon Tetrachloride | 5.77 | 117 | 26597 | 10.050 | ug/l | | 93 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090319\

Quantitation Report (Not Reviewed)

Data File : VX012019.D
Acq On : 03 Sep 2019 13:13
Operator : SY/SP
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC010

Quant Time: Sep 03 14:38:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 14:34:39 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.45 | 83 | 30250 | 11.447 ug/l | | 99 |
| 40) Benzene | 6.13 | 78 | 72733 | 11.571 ug/l | | 98 |
| 41) Methacrylonitrile | 5.02 | 41 | 8025 | 12.222 ug/l | | 95 |
| 42) 1,2-Dichloroethane | 6.18 | 62 | 26542 | 12.464 ug/l | | 99 |
| 43) Isopropyl Acetate | 6.43 | 43 | 28245 | 12.542 ug/l | | 98 |
| 44) Trichloroethene | 7.20 | 130 | 19622 | 9.399 ug/l | | 95 |
| 45) 1,2-Dichloropropane | 7.51 | 63 | 19384 | 12.255 ug/l | | 97 |
| 46) Dibromomethane | 7.65 | 93 | 11066 | 11.671 ug/l | | 97 |
| 47) Bromodichloromethane | 7.89 | 83 | 28754 | 12.014 ug/l | | 98 |
| 48) Methyl methacrylate | 7.76 | 41 | 13608 | 12.254 ug/l | | 97 |
| 49) 1,4-Dioxane | 7.73 | 88 | 3928 | 252.128 ug/l | | 97 |
| 51) 4-Methyl-2-Pentanone | 8.64 | 43 | 72841 | 64.357 ug/l | | 100 |
| 52) Toluene | 8.78 | 92 | 47993 | 11.269 ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 29041 | 11.986 ug/l | | 98 |
| 54) cis-1,3-Dichloropropene | 8.43 | 75 | 32544 | 11.934 ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 16218 | 11.717 ug/l | | 97 |
| 56) Ethyl methacrylate | 9.17 | 69 | 22703 | 12.351 ug/l | | 99 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 27806 | 12.232 ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.31 | 63 | 48597 | 58.179 ug/l | | 98 |
| 59) 2-Hexanone | 9.48 | 43 | 52205 | 64.793 ug/l | | 100 |
| 60) Dibromochloromethane | 9.57 | 129 | 18653 | 9.694 ug/l | | 98 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 15430 | 11.192 ug/l | | 100 |
| 64) Tetrachloroethene | 9.33 | 164 | 16684 | 7.787 ug/l | | 98 |
| 65) Chlorobenzene | 10.14 | 112 | 52916 | 10.768 ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 10.21 | 131 | 19476 | 9.876 ug/l | | 98 |
| 67) Ethyl Benzene | 10.25 | 91 | 95127 | 11.458 ug/l | | 99 |
| 68) m/p-Xylenes | 10.36 | 106 | 70906 | 21.751 ug/l | | 99 |
| 69) o-Xylene | 10.70 | 106 | 34426 | 10.886 ug/l | | 99 |
| 70) Styrene | 10.71 | 104 | 58853 | 10.847 ug/l | | 99 |
| 71) Bromoform | 10.85 | 173 | 10432 | 7.624 ug/l | # | 97 |
| 73) Isopropylbenzene | 11.01 | 105 | 94374 | 13.809 ug/l | | 100 |
| 74) N-amyl acetate | 10.89 | 43 | 26807 | 15.731 ug/l | | 98 |
| 75) 1,1,2,2-Tetrachloroethane | 11.26 | 83 | 19888 | 15.896 ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 11.29 | 75 | 21712 | 22.397 ug/l | | 83 |
| 77) Bromobenzene | 11.25 | 156 | 20995 | 10.507 ug/l | | 98 |
| 78) n-propylbenzene | 11.35 | 91 | 112392 | 14.615 ug/l | | 99 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 67656 | 14.860 ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.50 | 105 | 81999 | 13.909 ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 6633 | 16.141 ug/l | | 98 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 81908 | 14.993 ug/l | | 99 |
| 83) tert-Butylbenzene | 11.76 | 119 | 79302 | 13.014 ug/l | | 100 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 83675 | 14.006 ug/l | | 99 |
| 85) sec-Butylbenzene | 11.94 | 105 | 97484 | 13.928 ug/l | | 100 |
| 86) p-Isopropyltoluene | 12.06 | 119 | 88616 | 12.931 ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 41685 | 11.124 ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.09 | 146 | 42012 | 11.284 ug/l | | 96 |
| 89) n-Butylbenzene | 12.39 | 91 | 86432 | 14.563 ug/l | | 98 |
| 90) Hexachloroethane | 12.59 | 117 | 17413 | 13.534 ug/l | | 94 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 37590 | 11.111 ug/l | | 98 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75 | 3946 | 16.064 ug/l | | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090319\

Quantitation Report (Not Reviewed)

Data File : VX012019.D
Acq On : 03 Sep 2019 13:13
Operator : SY/SP
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC010

Quant Time: Sep 03 14:38:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 14:34:39 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180 | 27444 | 9.323 | ug/l | 100 |
| 94) Hexachlorobutadiene | 13.78 | 225 | 13619 | 6.622 | ug/l | 97 |
| 95) Naphthalene | 13.83 | 128 | 56768 | 12.542 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180 | 23451 | 9.060 | ug/l | 99 |

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

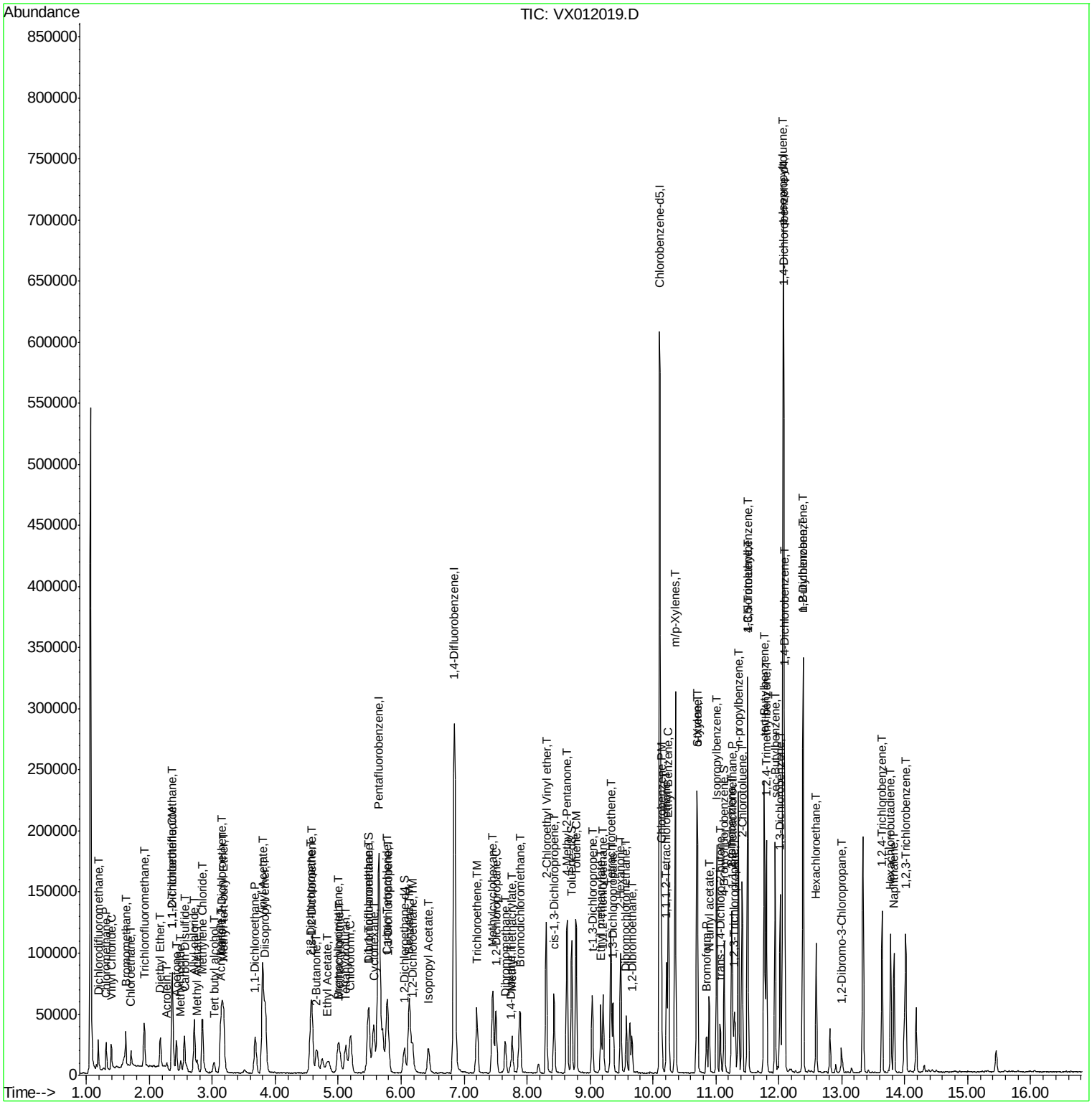
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090319\

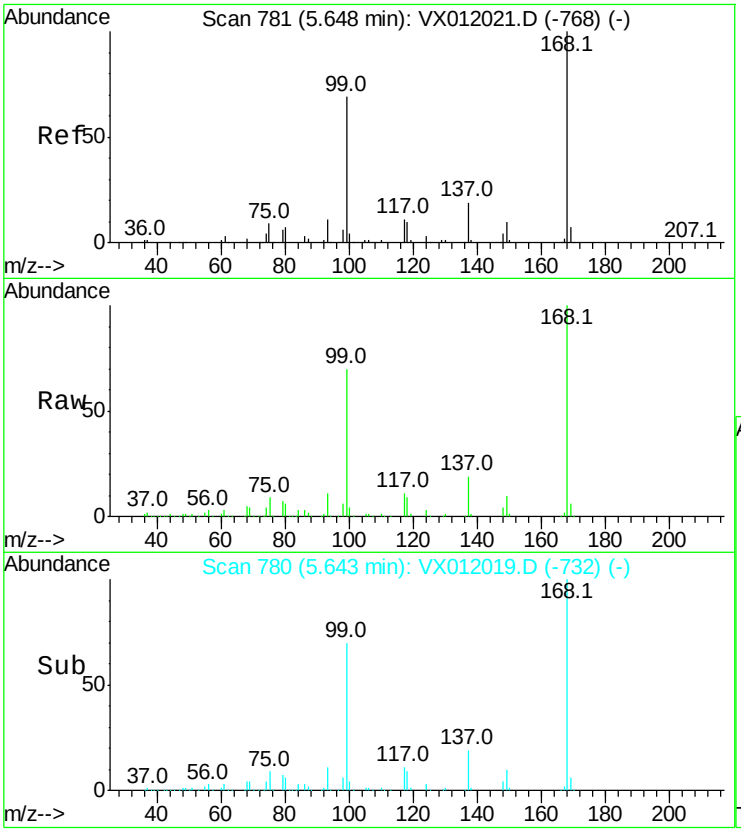
Quantitation Report (Not Reviewed)

Data File : VX012019.D
Acq On : 03 Sep 2019 13:13
Operator : SY/SP
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Quant Time: Sep 03 14:38:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 14:34:39 2019
Response via : Initial Calibration



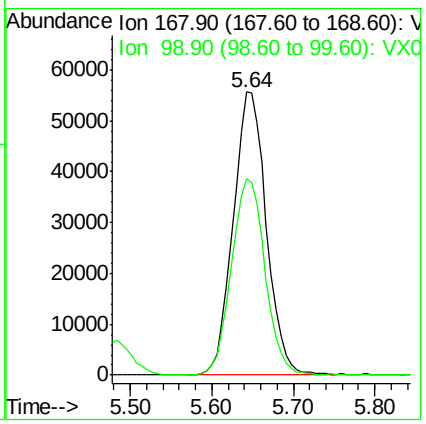


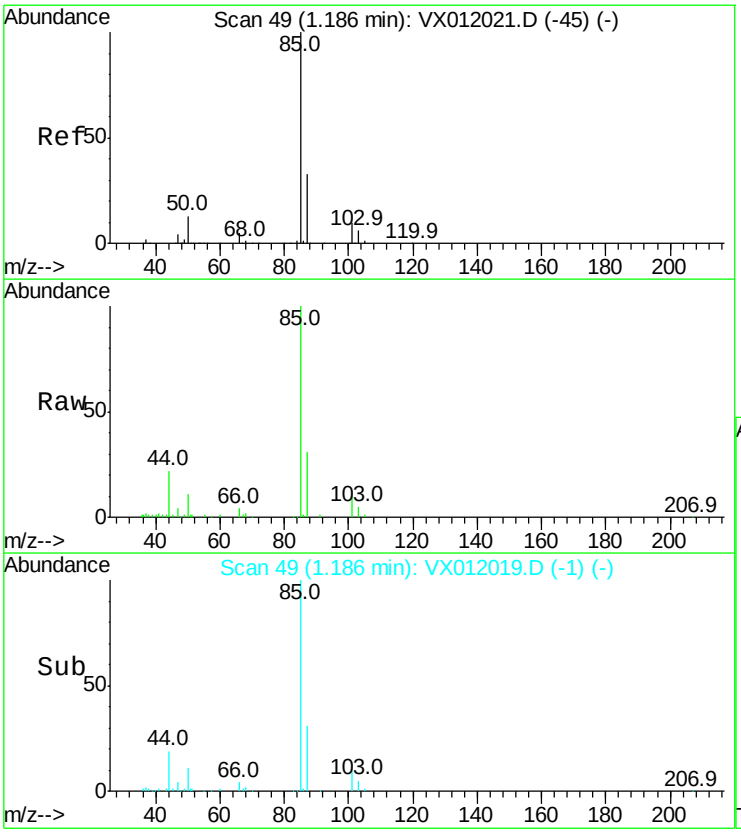

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.01 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion:168 Resp: 156593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 69.6 | 55.0 | 82.4 |

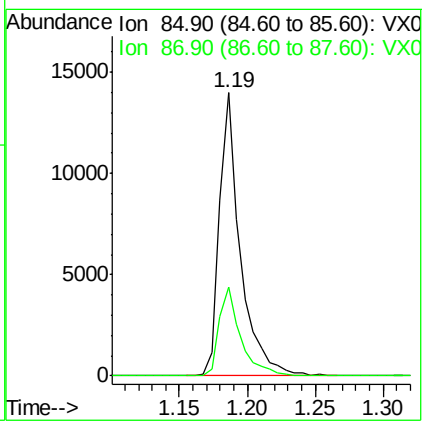


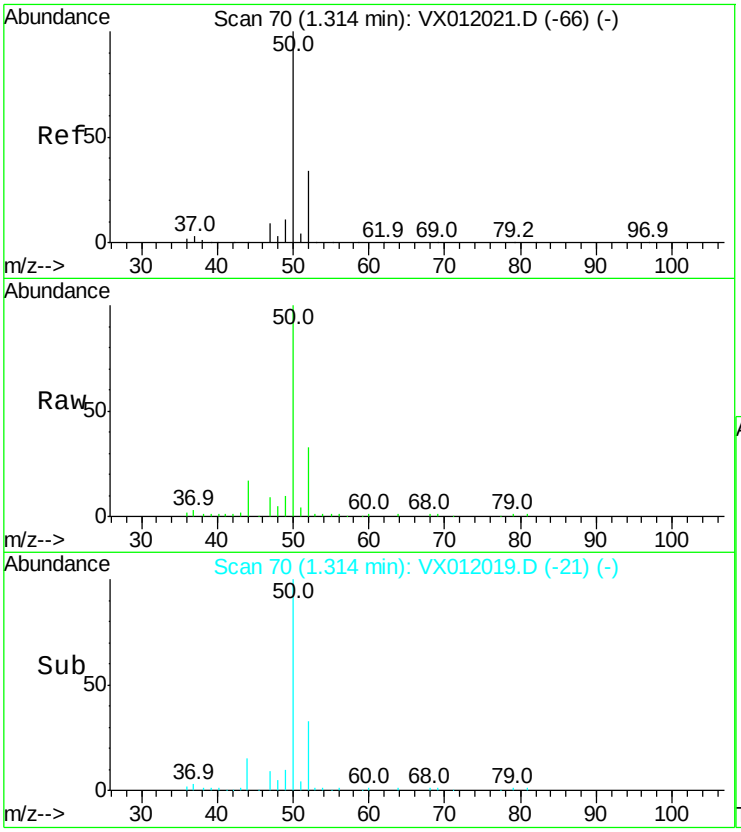




#2
Dichlorodifluoromethane
Concen: 15.812 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 85 Resp: 14945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.5 | 16.4 | 49.4 |



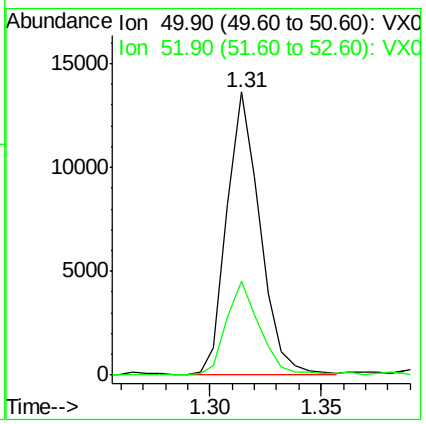


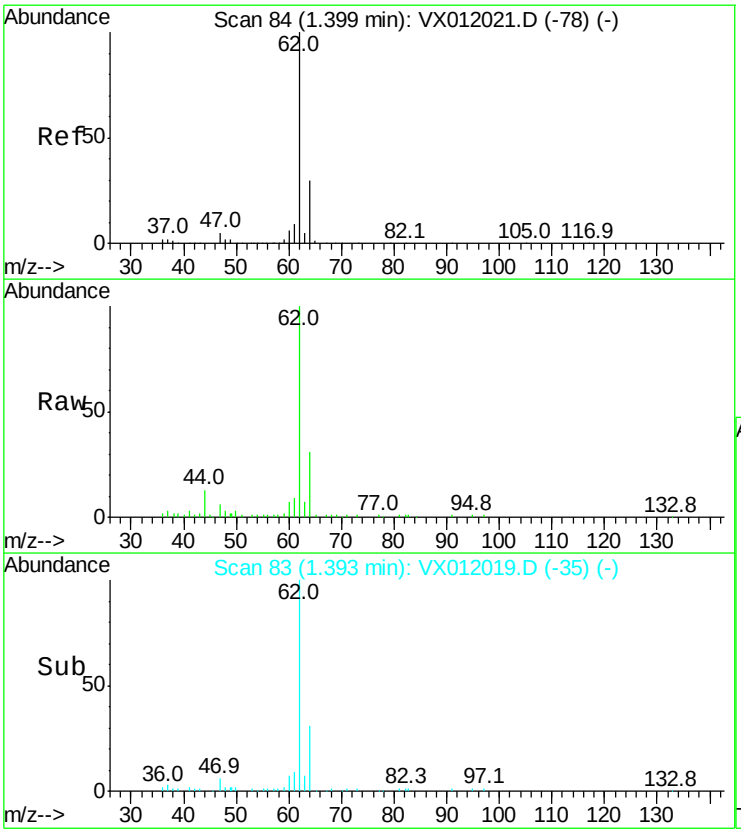

#3
Chloromethane
Concen: 15.114 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 50 Resp: 14198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.3 | 27.1 | 40.7 |

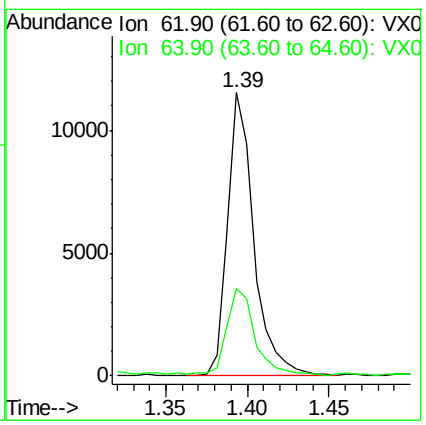


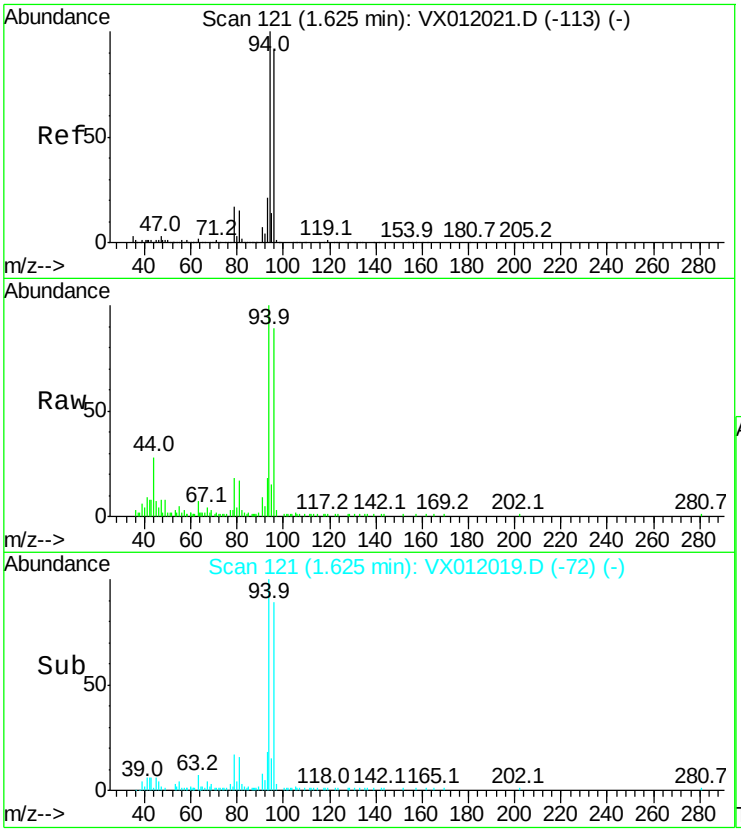




#4
Vinyl Chloride
Concen: 13.492 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.01 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 62 Resp: 12874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 30.4 | 24.2 | 36.4 |



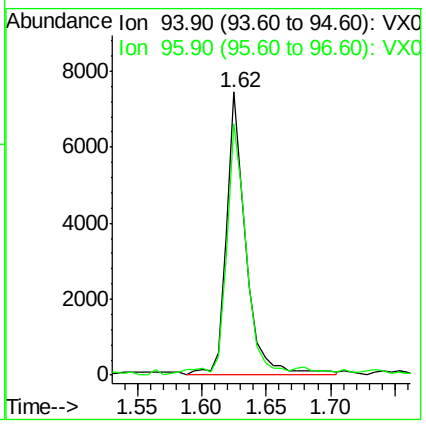


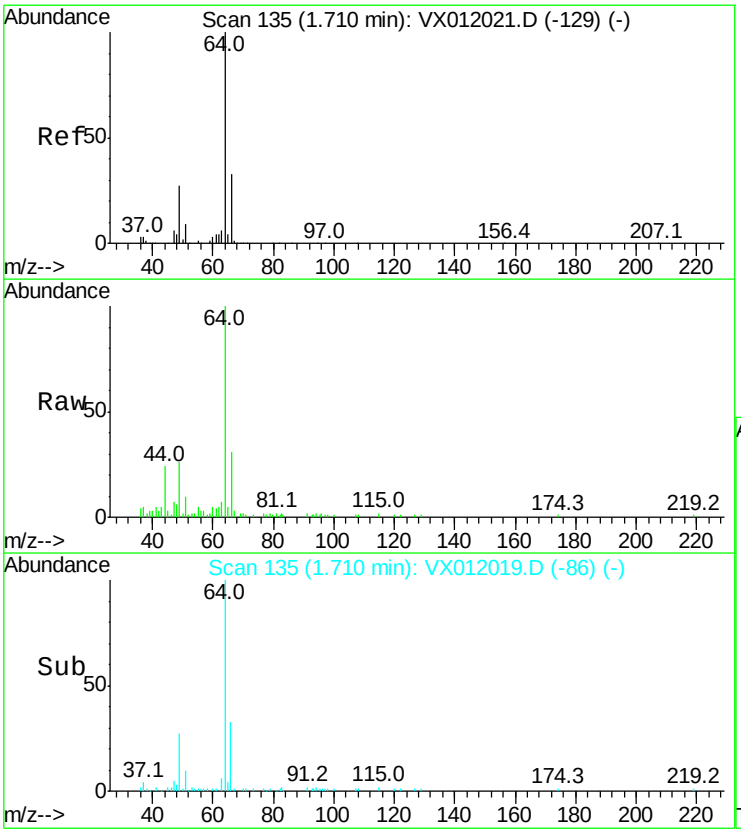

#5
Bromomethane
Concen: 11.761 ug/l
RT: 1.62 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 94 Resp: 7957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 87.6 | 73.0 | 109.6 |

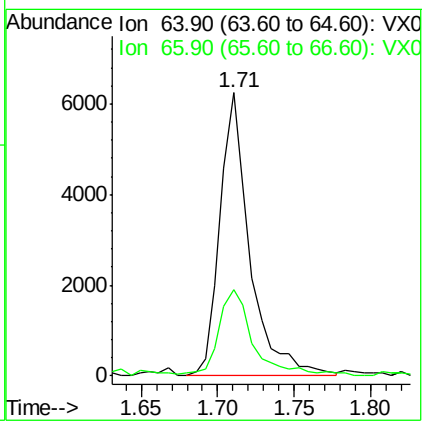


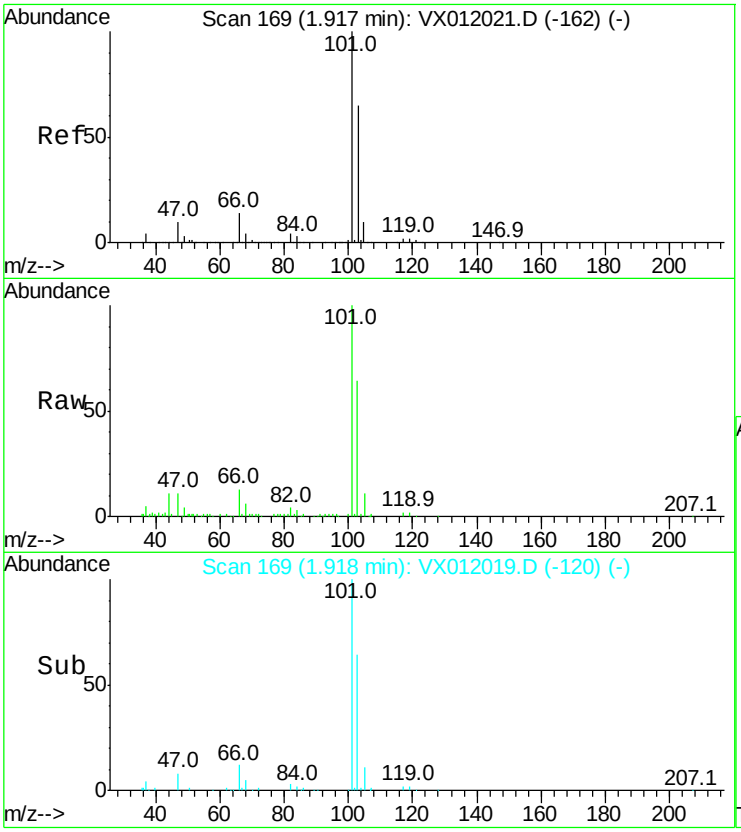




#6
Chloroethane
Concen: 14.074 ug/l
RT: 1.71 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 64 Resp: 8494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 29.5 | 26.4 | 39.6 |



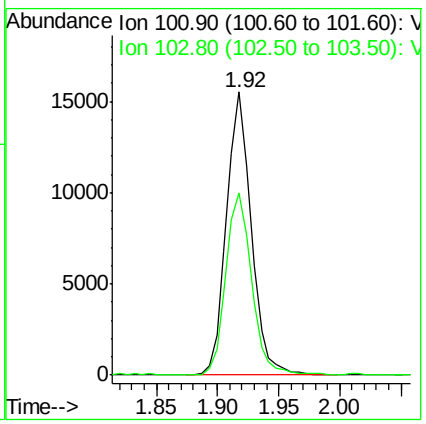


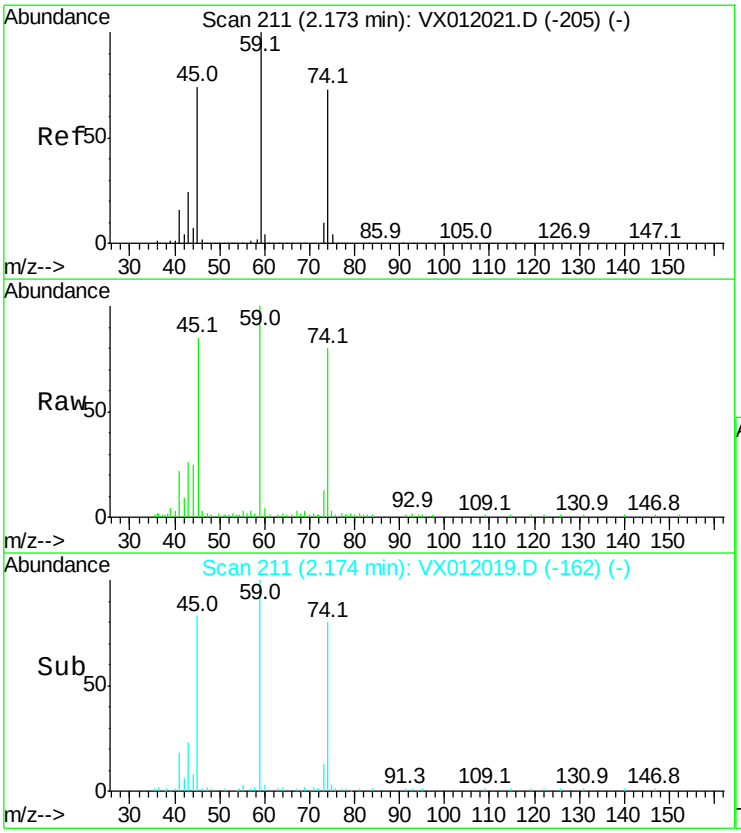

#7
Trichlorofluoromethane
Concen: 12.604 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion:101 Resp: 21833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.2 | 51.8 | 77.6 |

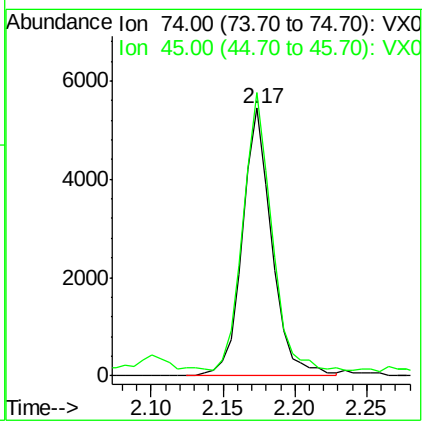


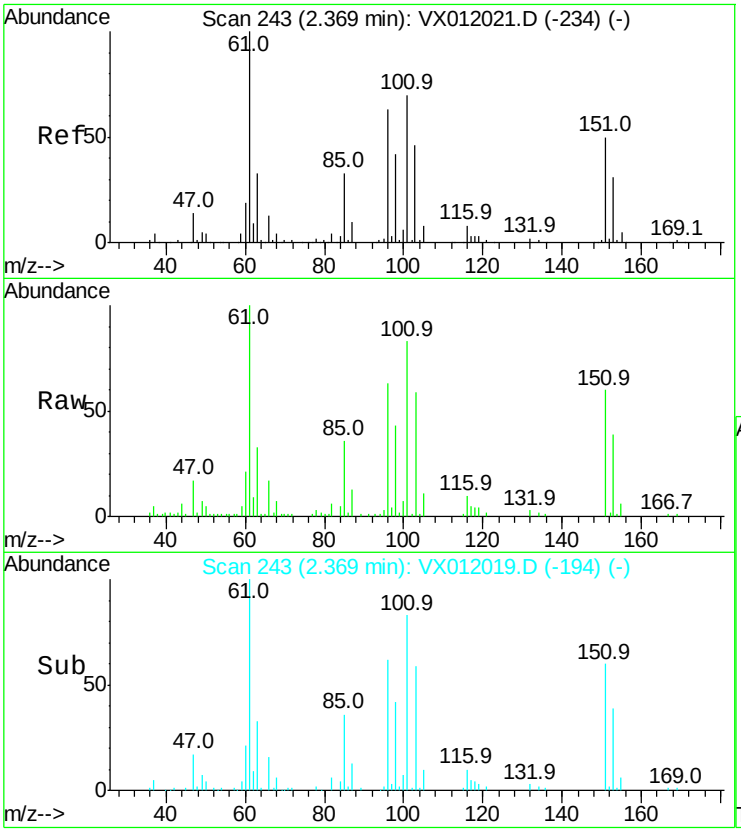




#8
Diethyl Ether
Concen: 14.551 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 74 Resp: 7664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 100.6 | 48.9 | 146.6 |



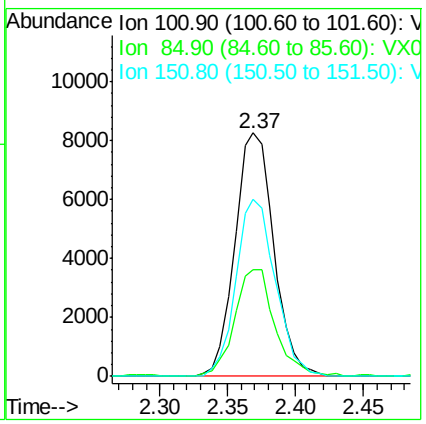


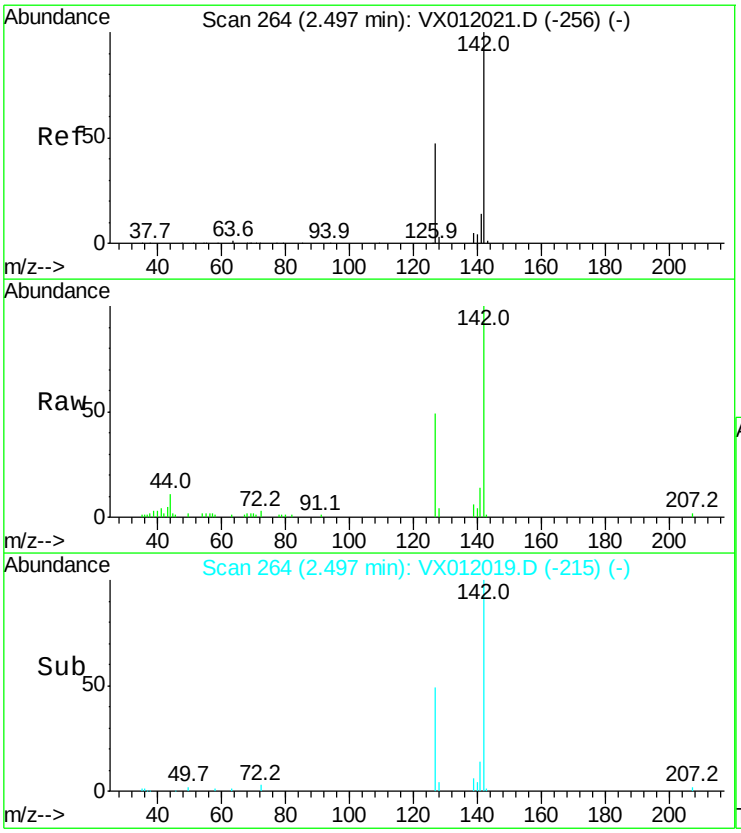

#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.973 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion:101 Resp: 16517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 45.4 | 36.6 | 55.0 |
| 151 | 73.4 | 56.5 | 84.7 |

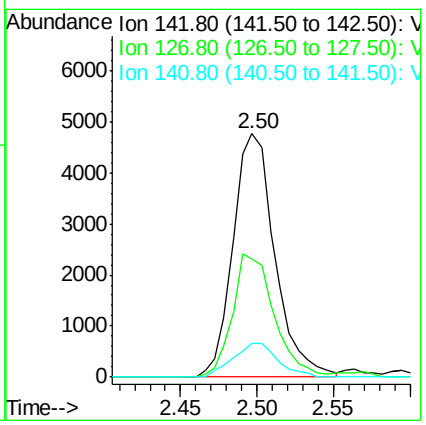


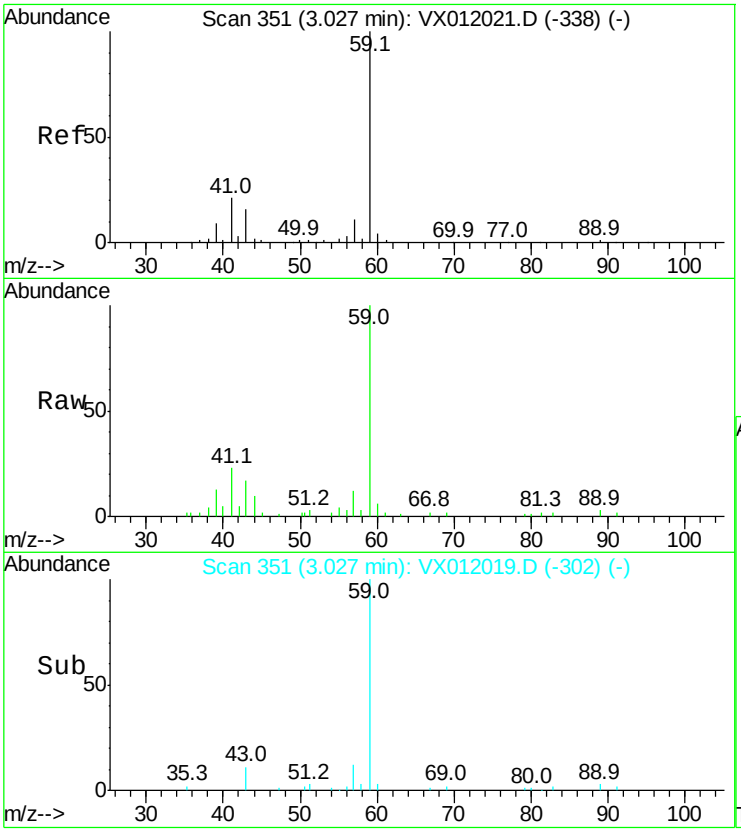




#10
Methyl Iodide
Concen: 8.230 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion:142 Resp: 9070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 50.0 | 38.2 | 57.2 |
| 141 | 14.8 | 11.2 | 16.8 |



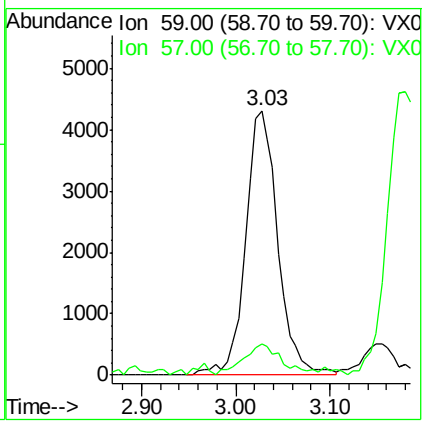


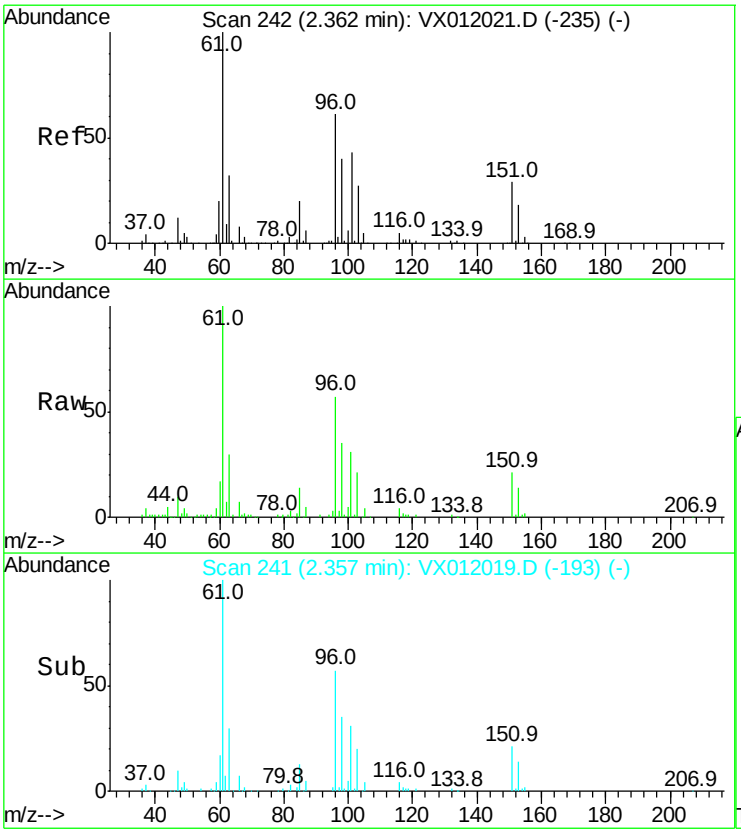

#11
Tert butyl alcohol
Concen: 90.353 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 59 Resp: 10329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 13.8 | 9.0 | 13.6# |

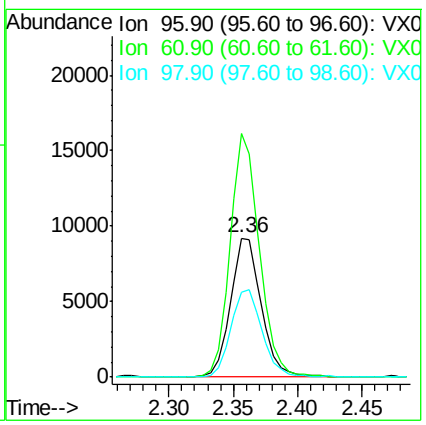


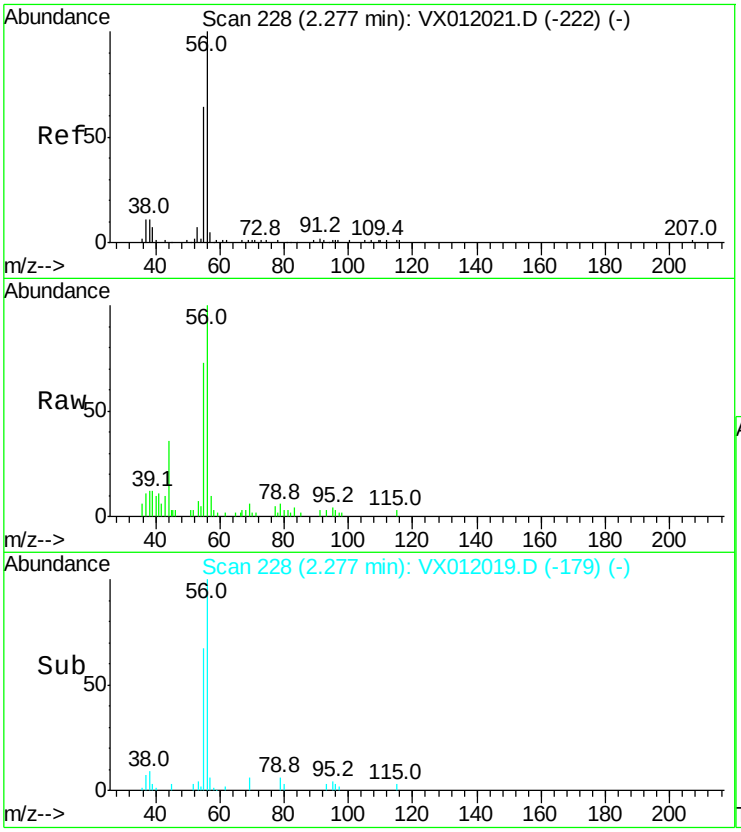




#12
1,1-Dichloroethene
Concen: 15.165 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 96 Resp: 15264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 175.5 | 130.2 | 195.4 |
| 98 | 61.0 | 51.8 | 77.6 |



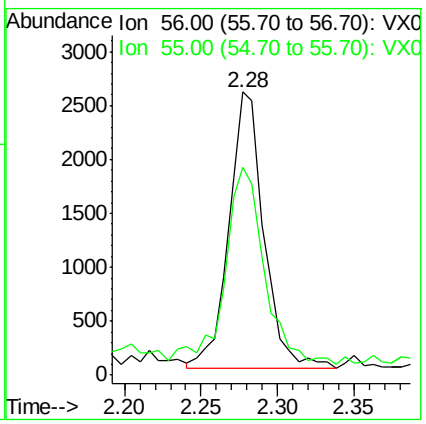


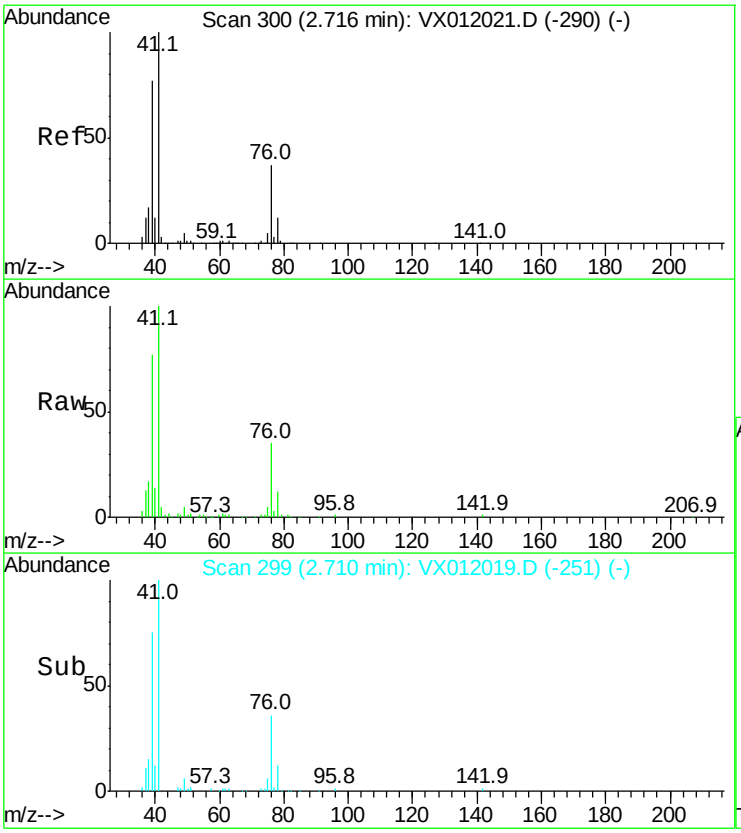

#13
Acrolein
Concen: 96.147 ug/l
RT: 2.28 min Scan# 228
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 56 Resp: 4024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 81.3 | 57.7 | 86.5 |

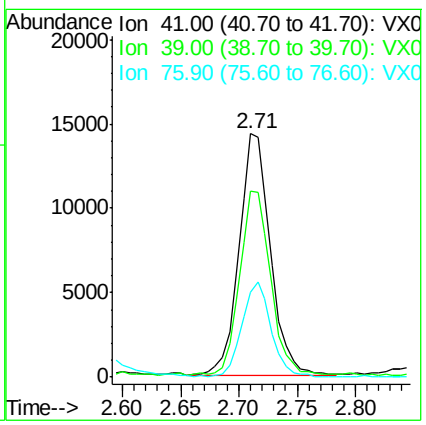


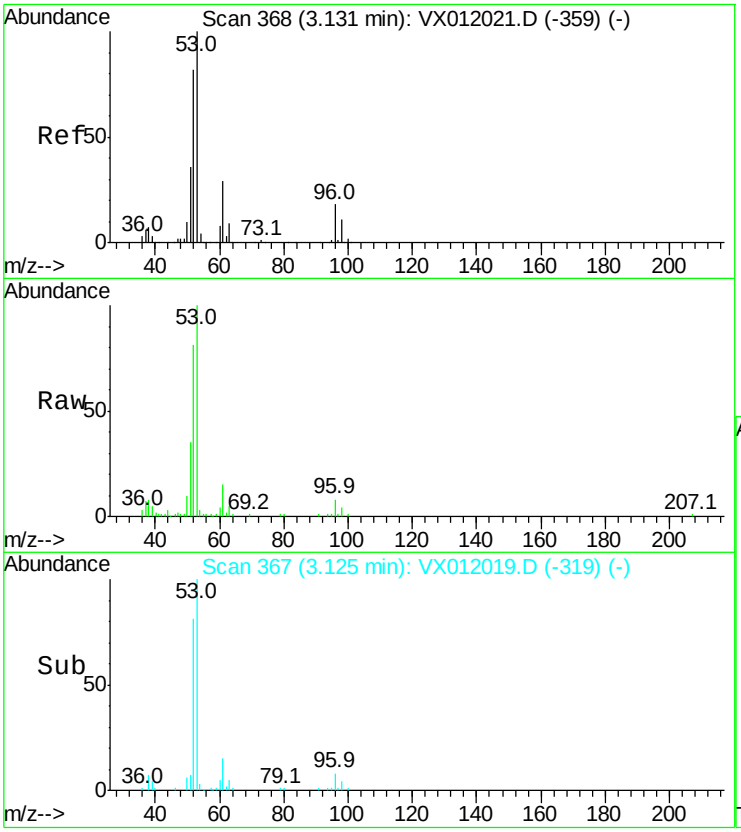




#14
Allyl chloride
Concen: 15.469 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.01 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 41 Resp: 26683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 74.0 | 59.2 | 88.8 |
| 76 | 36.9 | 28.9 | 43.3 |



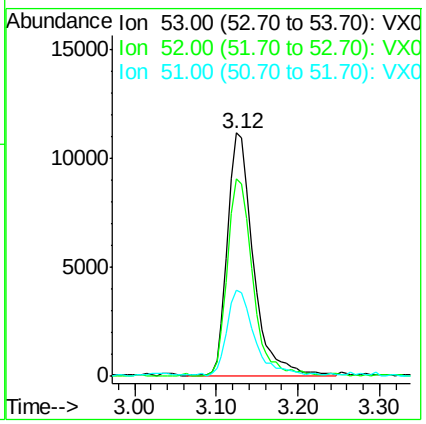


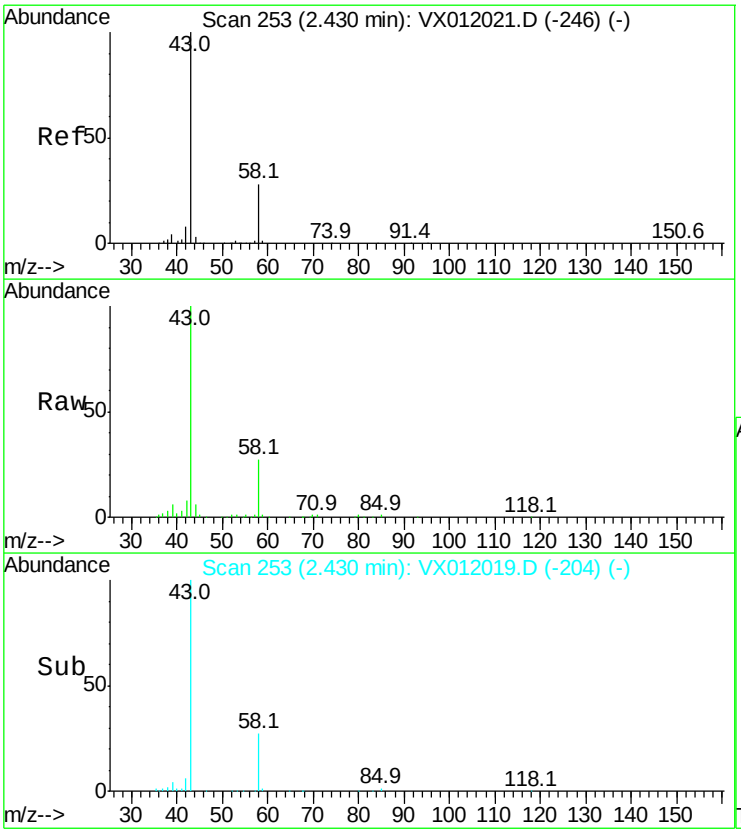

#15
Acrylonitrile
Concen: 91.553 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 53 Resp: 24671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 79.3 | 66.0 | 99.0 |
| 51 | 36.1 | 30.6 | 45.8 |

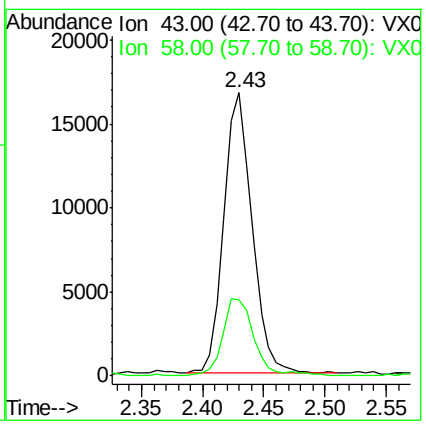


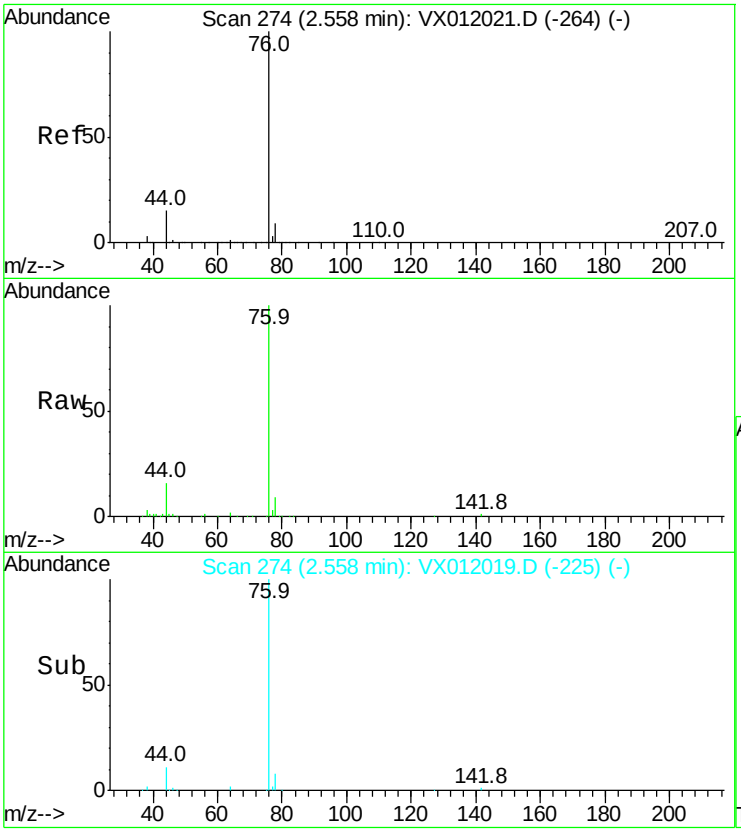




#16
Acetone
Concen: 98.765 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 43 Resp: 26823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.8 | 22.4 | 33.6 |



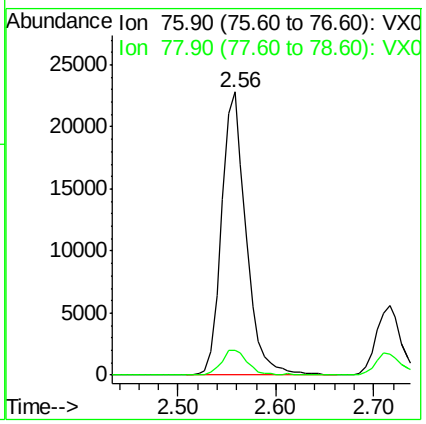


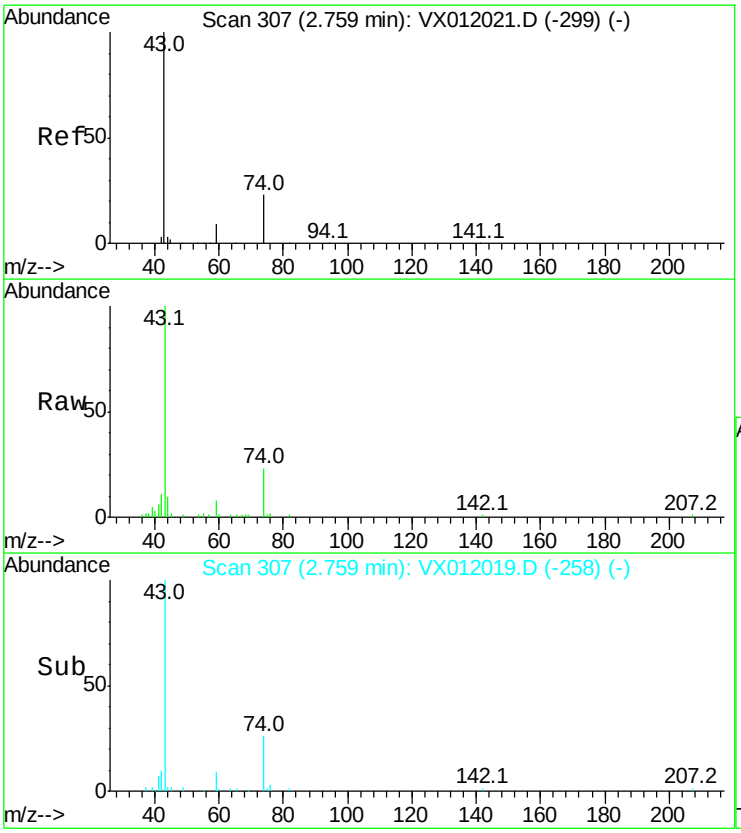

#17
Carbon Disulfide
Concen: 13.965 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 76 Resp: 39655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.8 | 7.4 | 11.0 |

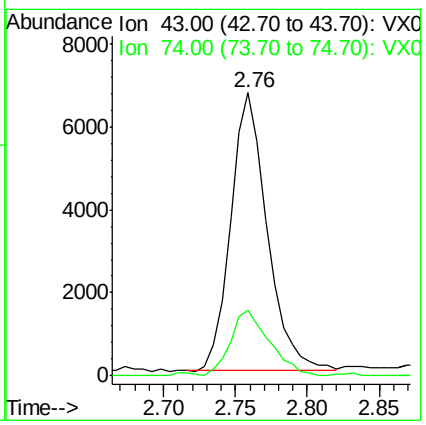


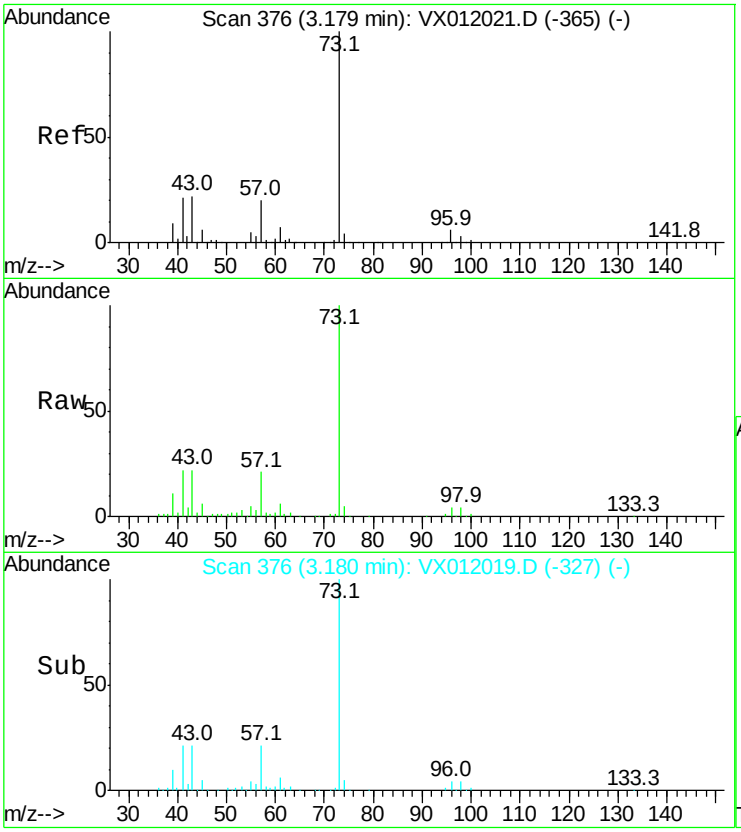




#18
Methyl Acetate
Concen: 16.670 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 43 Resp: 11732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 25.4 | 19.7 | 29.5 |



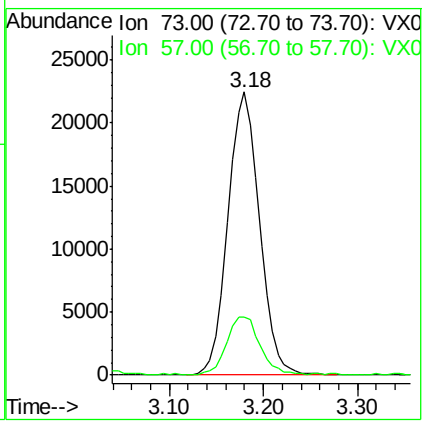


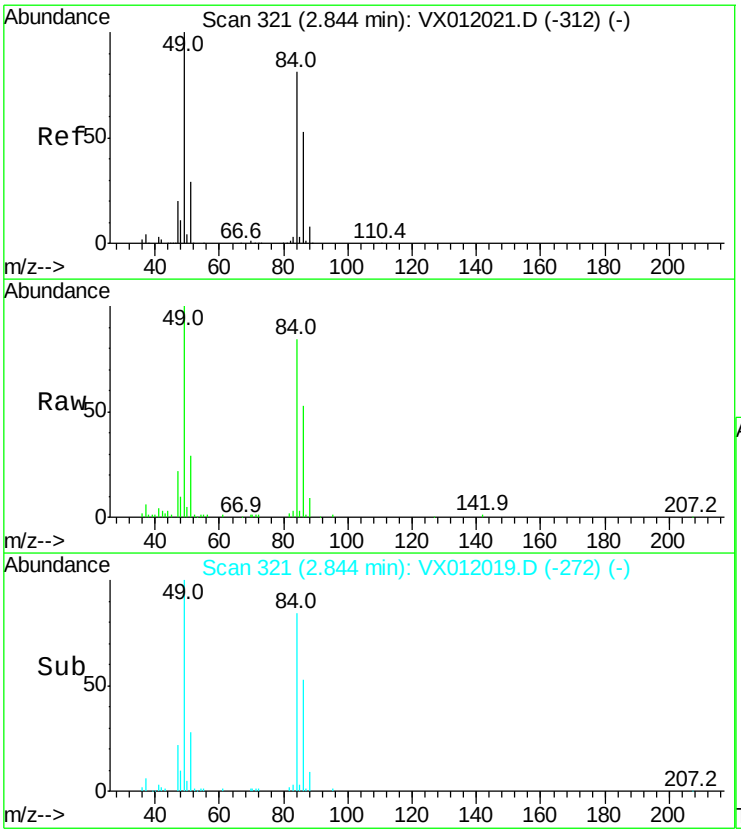

#19
Methyl tert-butyl Ether
Concen: 17.474 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 73 Resp: 52429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.5 | 16.3 | 24.5 |

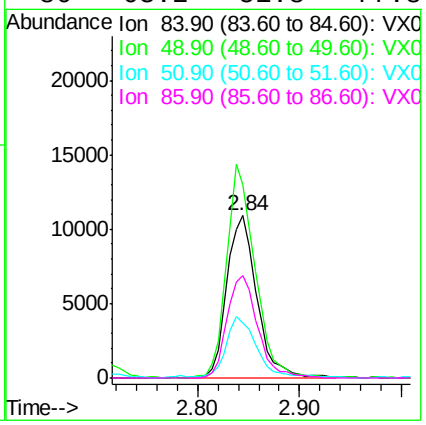


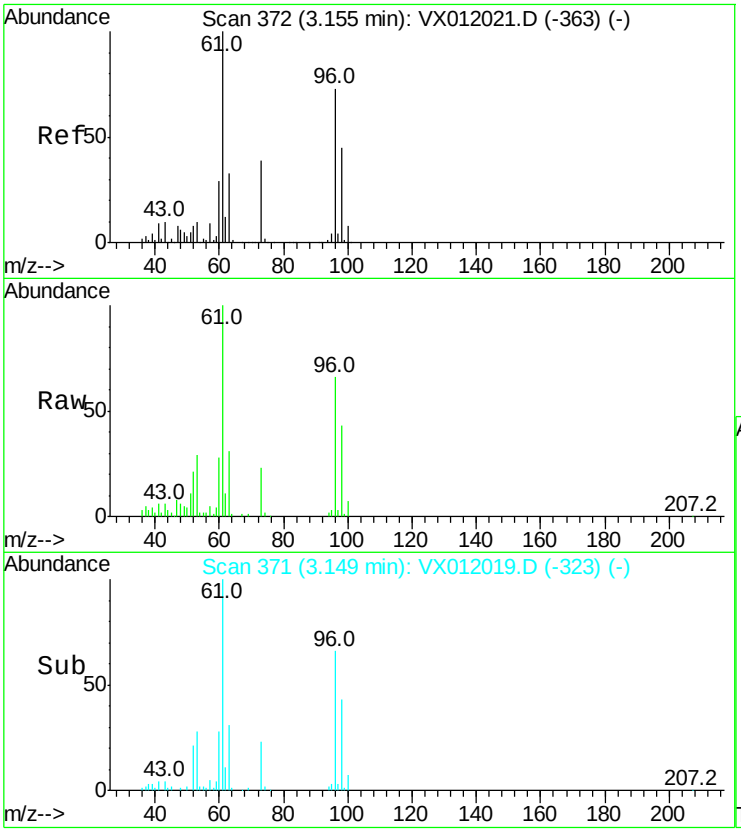




#20
Methylene Chloride
Concen: 18.067 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 84 Resp: 22163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 119.4 | 98.4 | 147.6 |
| 51 | 33.7 | 29.0 | 43.4 |
| 86 | 63.2 | 51.8 | 77.8 |



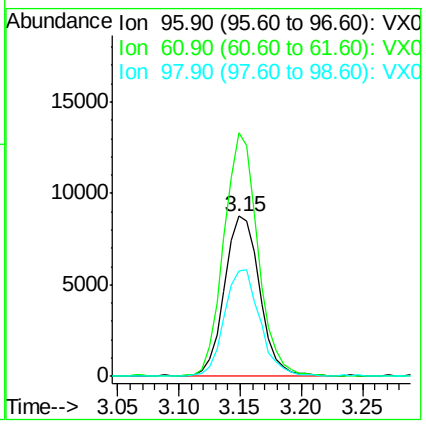


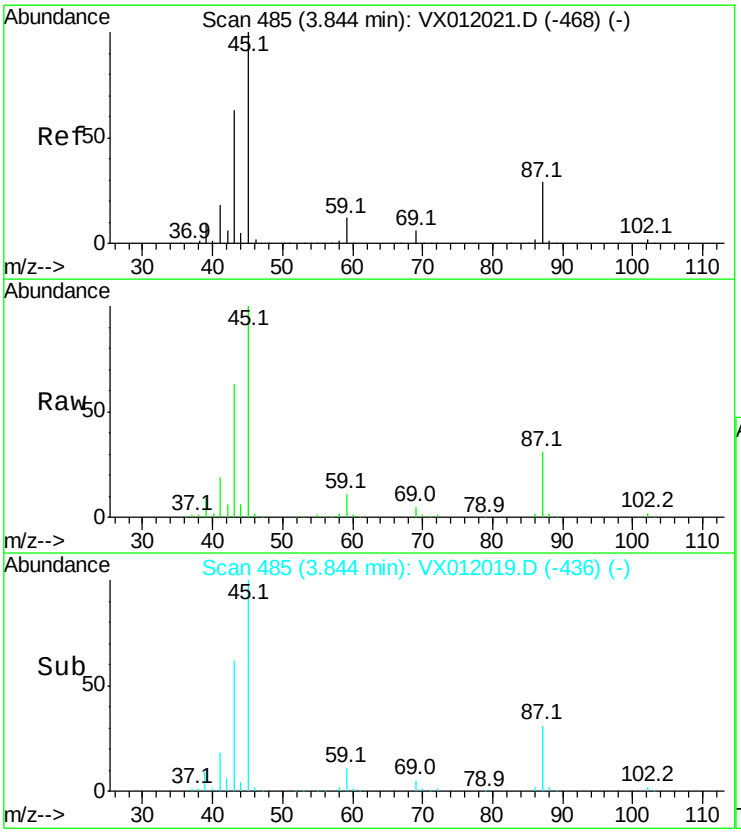

#21
trans-1,2-Dichloroethene
Concen: 14.658 ug/l
RT: 3.15 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 96 Resp: 17537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 151.9 | 109.6 | 164.4 |
| 98 | 65.7 | 49.8 | 74.6 |

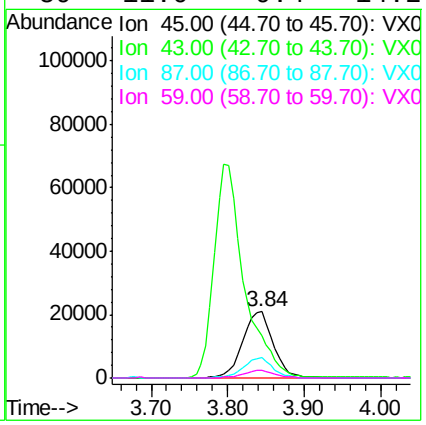


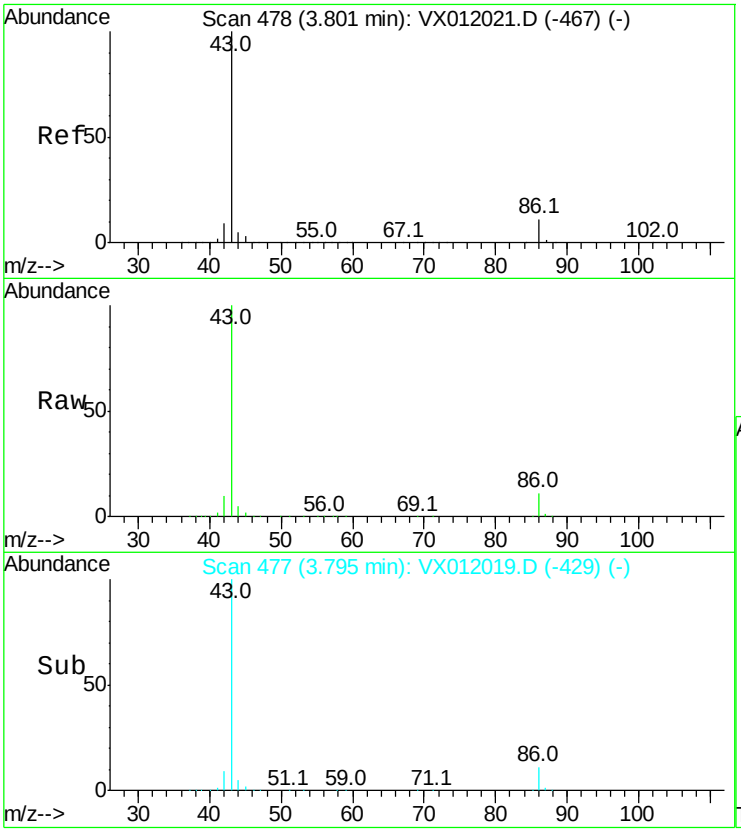




#22
Diisopropyl ether
Concen: 16.828 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 45 Resp: 58377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 62.2 | 50.6 | 76.0 |
| 87 | 31.1 | 23.4 | 35.0 |
| 59 | 11.0 | 9.4 | 14.2 |



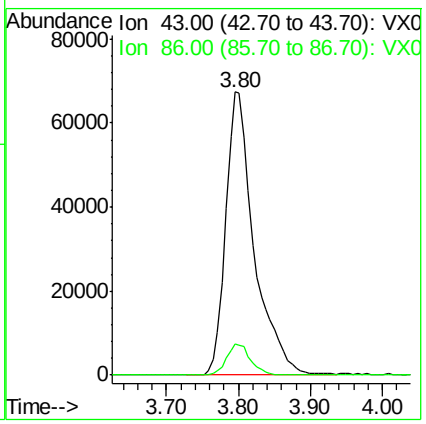


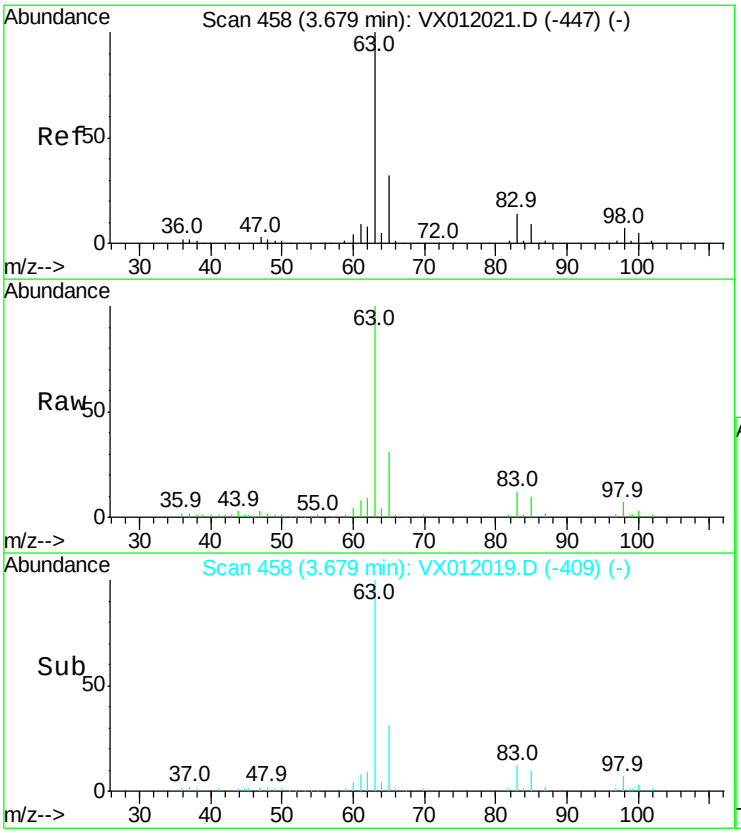

#23
Vinyl Acetate
Concen: 84.639 ug/l
RT: 3.80 min Scan# 477
Delta R.T. -0.01 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 43 Resp: 184614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.0 | 8.7 | 13.1 |

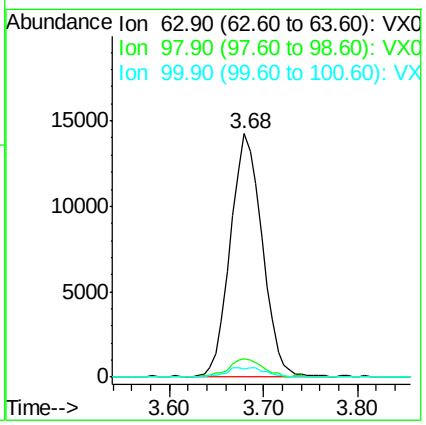


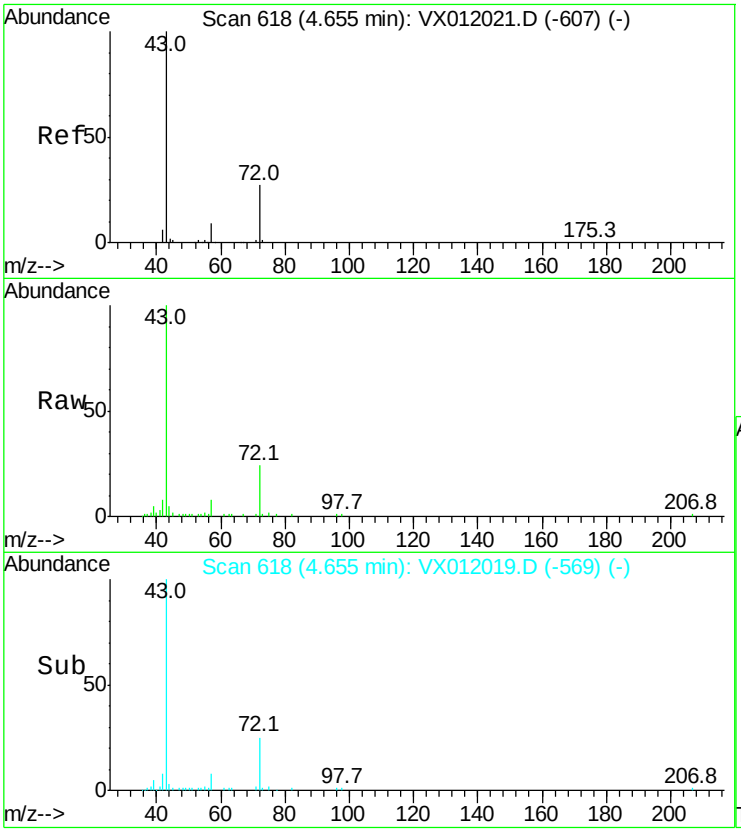




#24
1,1-Dichloroethane
Concen: 16.706 ug/l
RT: 3.68 min Scan# 458
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 63 Resp: 33798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.4 | 3.6 | 10.9 |
| 100 | 3.3 | 2.5 | 7.6 |



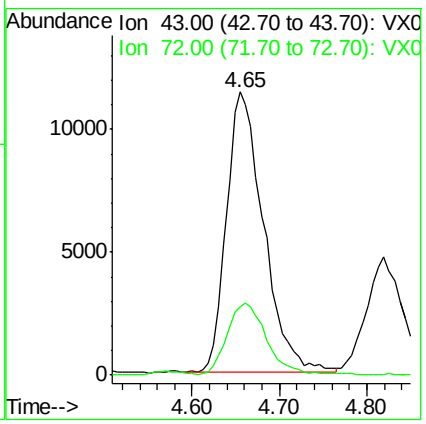


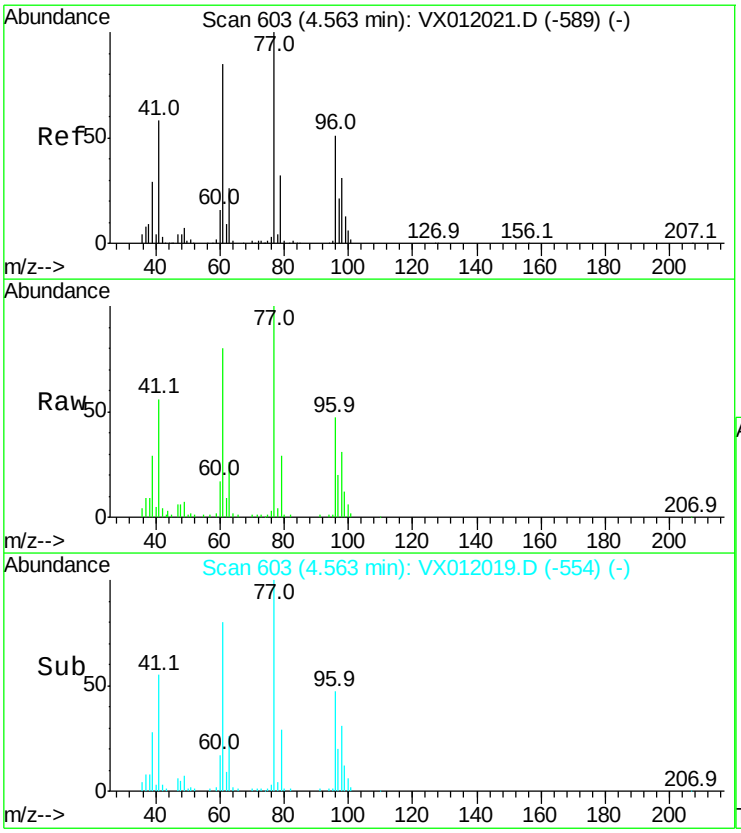

#25
2-Butanone
Concen: 90.995 ug/l
RT: 4.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 43 Resp: 33667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 23.8 | 21.7 | 32.5 |

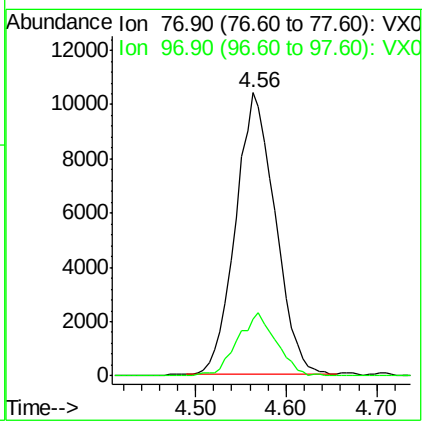


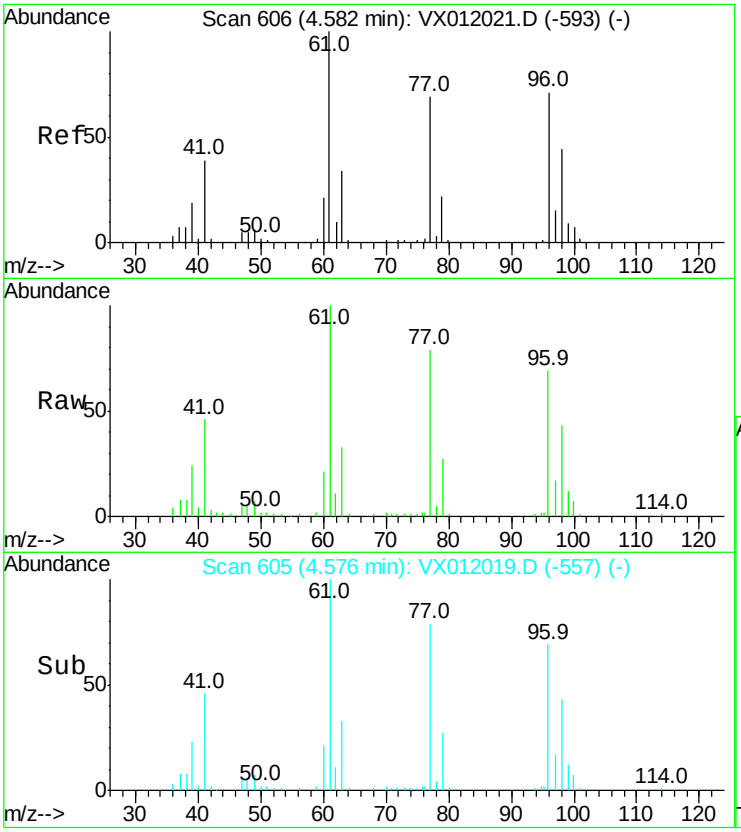




#26
2,2-Dichloropropane
Concen: 16.745 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 77 Resp: 31424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 21.9 | 10.9 | 32.7 |



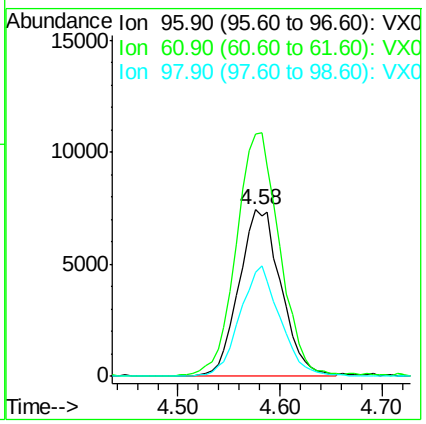


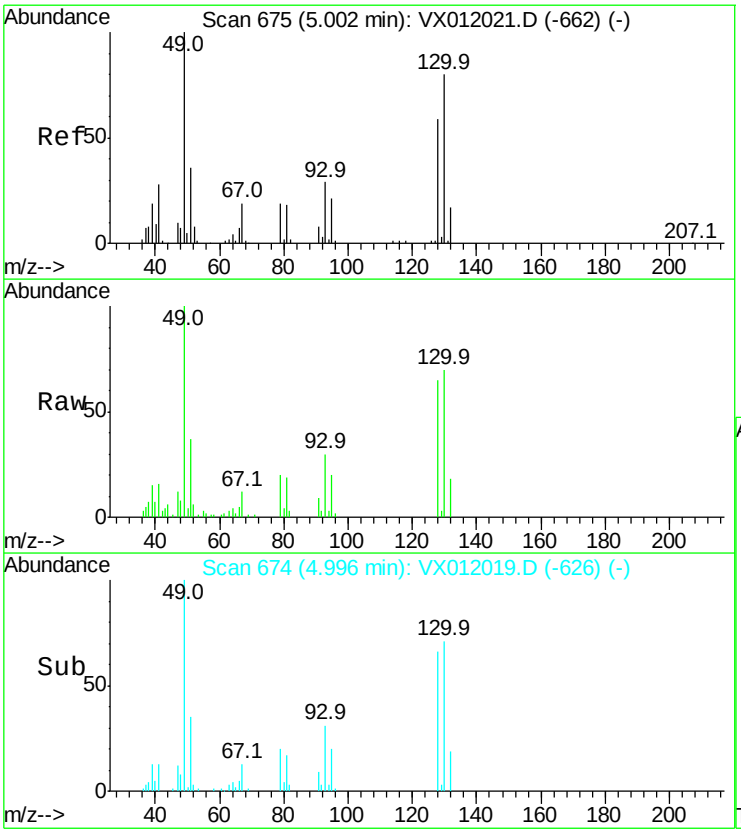

#27
cis-1,2-Dichloroethene
Concen: 15.560 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 96 Resp: 21388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 149.9 | 0.0 | 301.8 |
| 98 | 63.2 | 0.0 | 129.0 |

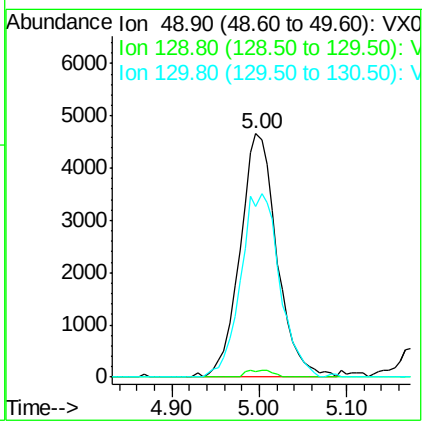


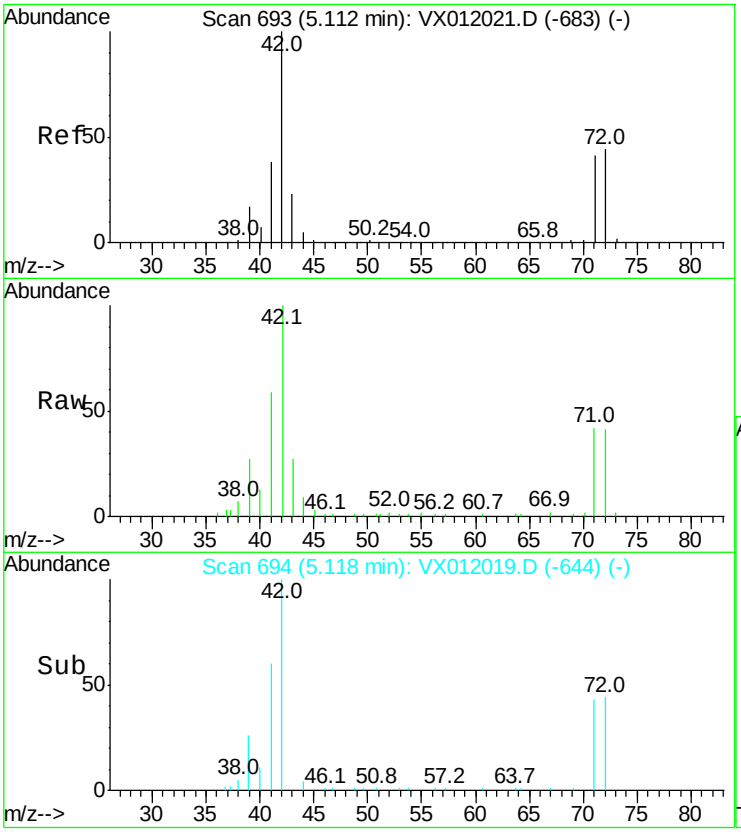




#28
Bromochloromethane
Concen: 16.450 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 49 Resp: 13677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.0 | 0.0 | 4.8 |
| 130 | 79.9 | 62.0 | 93.0 |



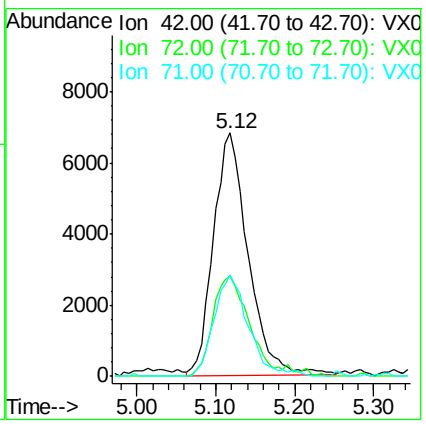


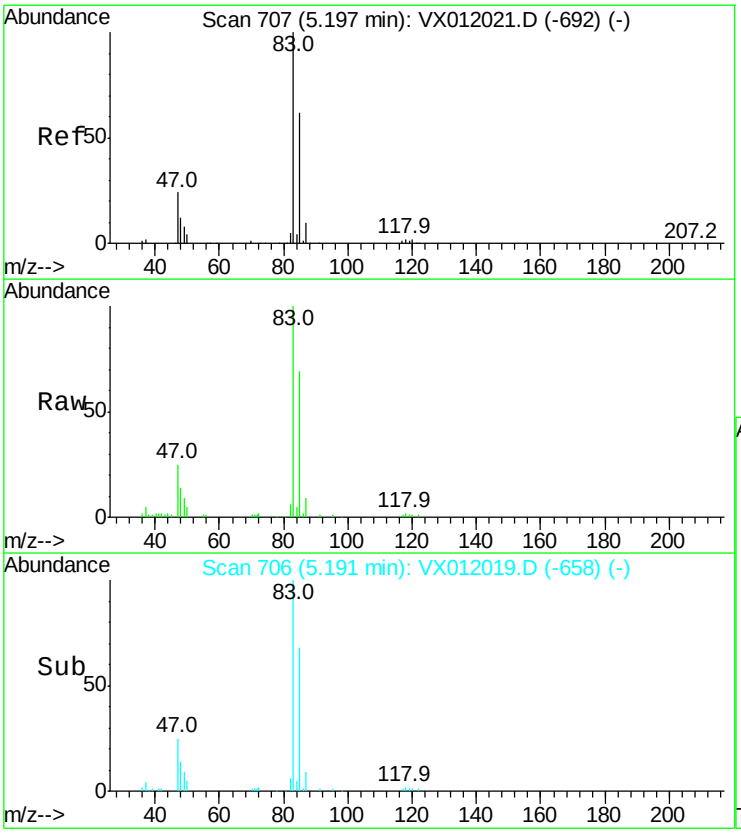

#29
Tetrahydrofuran
Concen: 91.323 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 42 Resp: 20780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 43.4 | 37.8 | 56.8 |
| 71 | 41.7 | 34.9 | 52.3 |

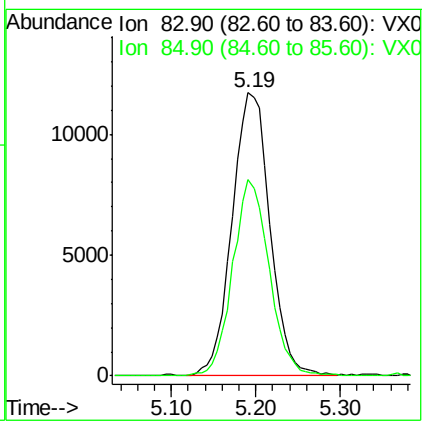


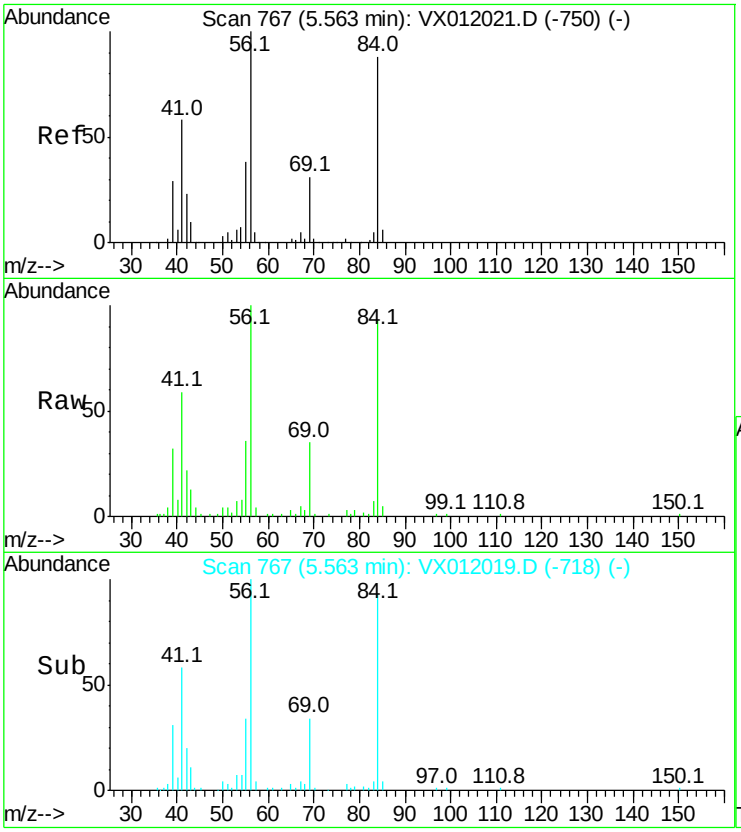




#30
Chloroform
Concen: 16.084 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 83 Resp: 35716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 69.5 | 49.6 | 74.4 |



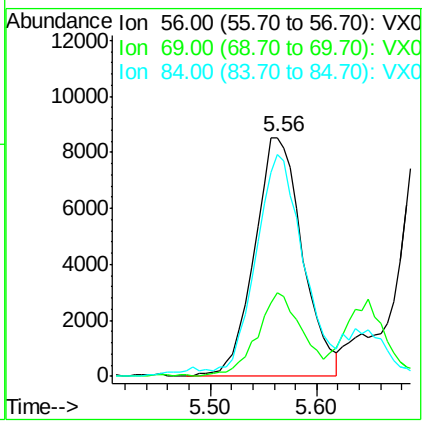


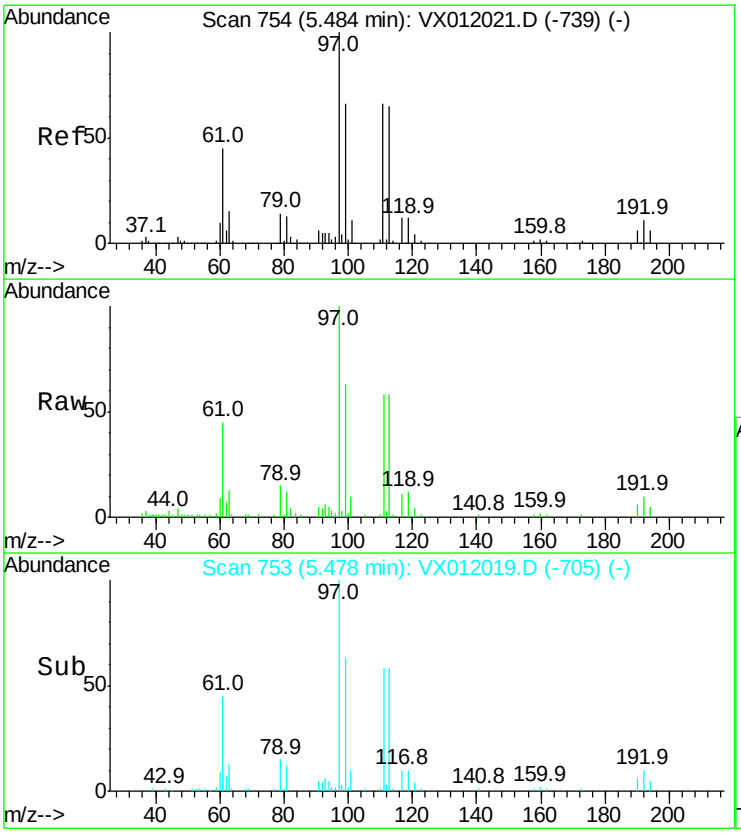

#31
Cyclohexane
Concen: 15.916 ug/l
RT: 5.56 min Scan# 767
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 56 Resp: 26825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 34.2 | 25.0 | 37.6 |
| 84 | 90.6 | 70.3 | 105.5 |

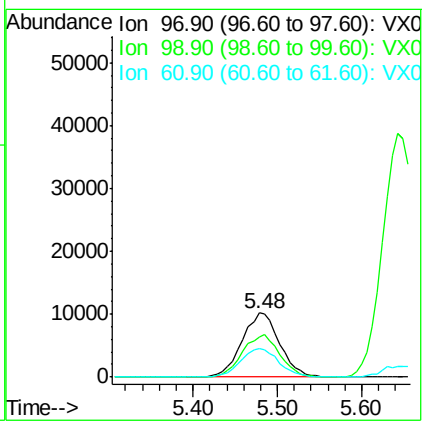


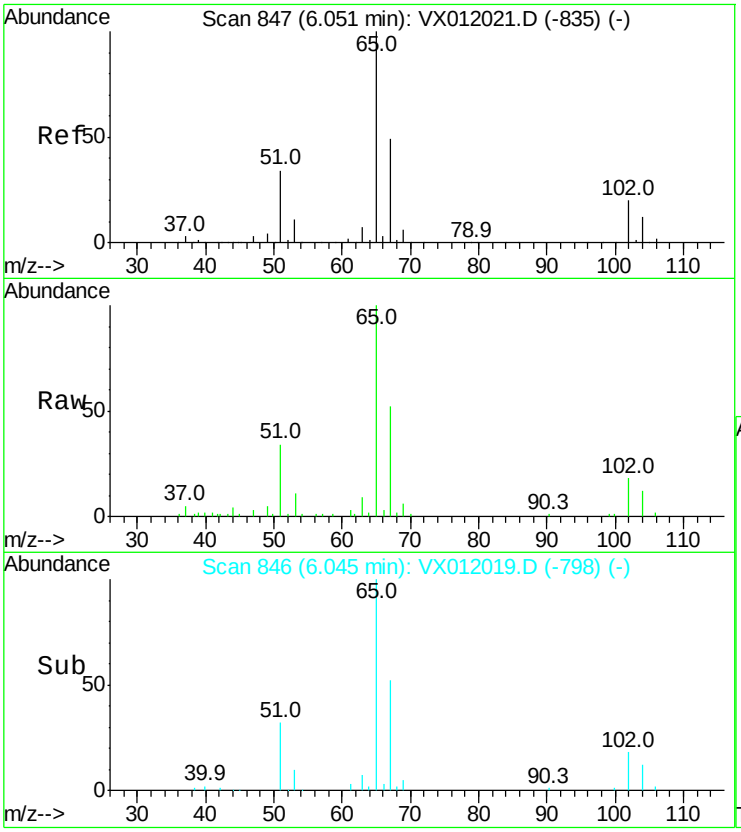




#32
1,1,1-Trichloroethane
Concen: 15.017 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 97 Resp: 31025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 65.6 | 51.4 | 77.0 |
| 61 | 44.6 | 35.6 | 53.4 |



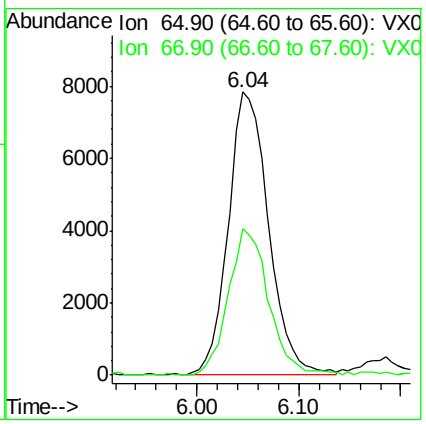


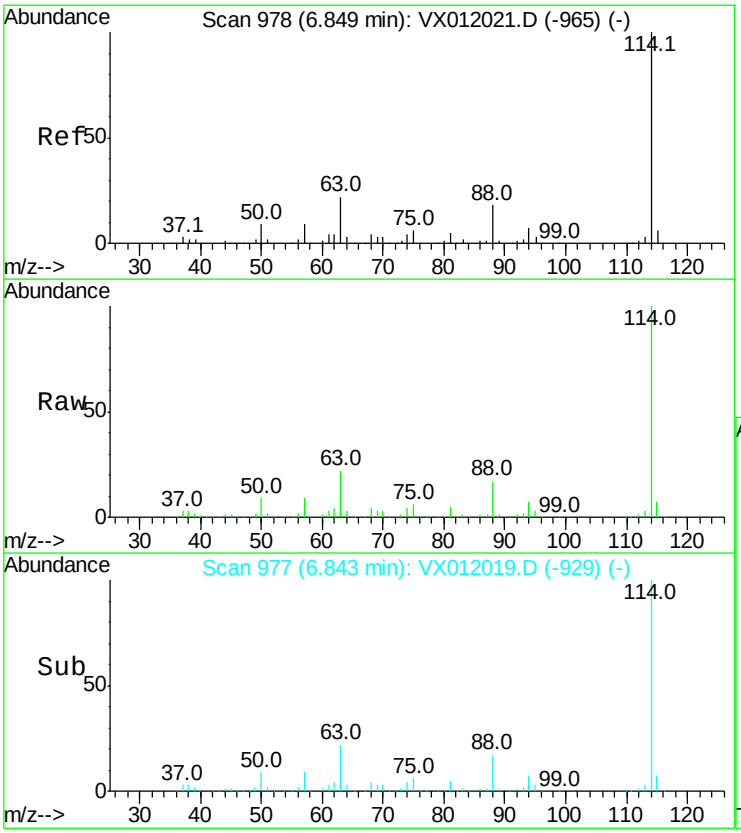

#33
1,2-Dichloroethane-d4
Concen: 15.579 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.01 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 65 Resp: 21559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.4 | 0.0 | 101.0 |

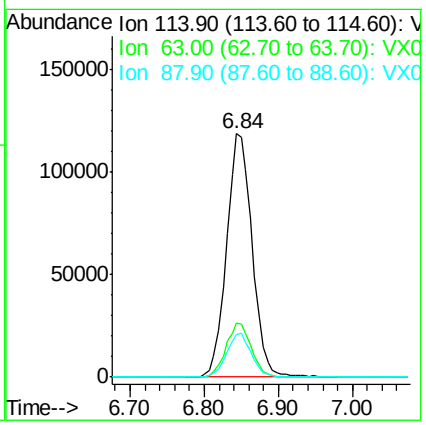


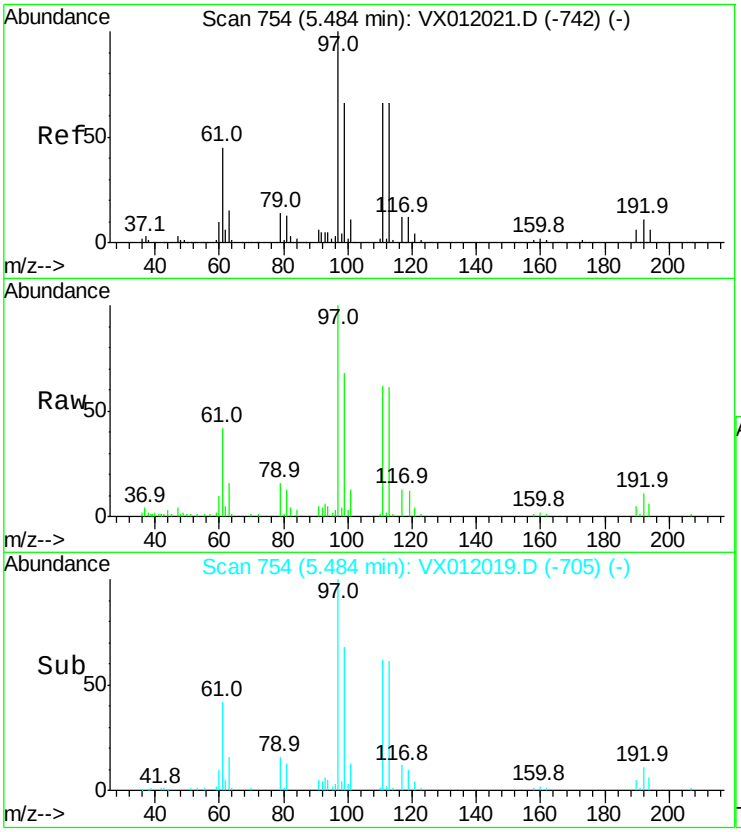




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 977
Delta R.T. -0.01 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion:114 Resp: 284432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.4 | 0.0 | 44.8 |
| 88 | 17.3 | 0.0 | 35.2 |



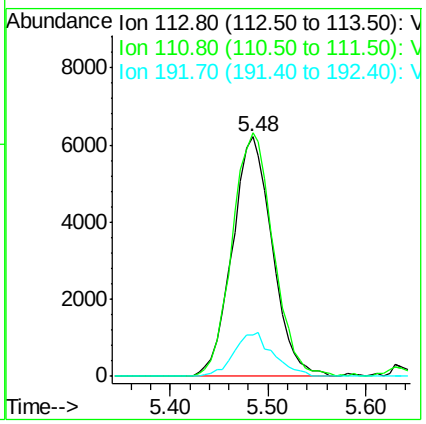


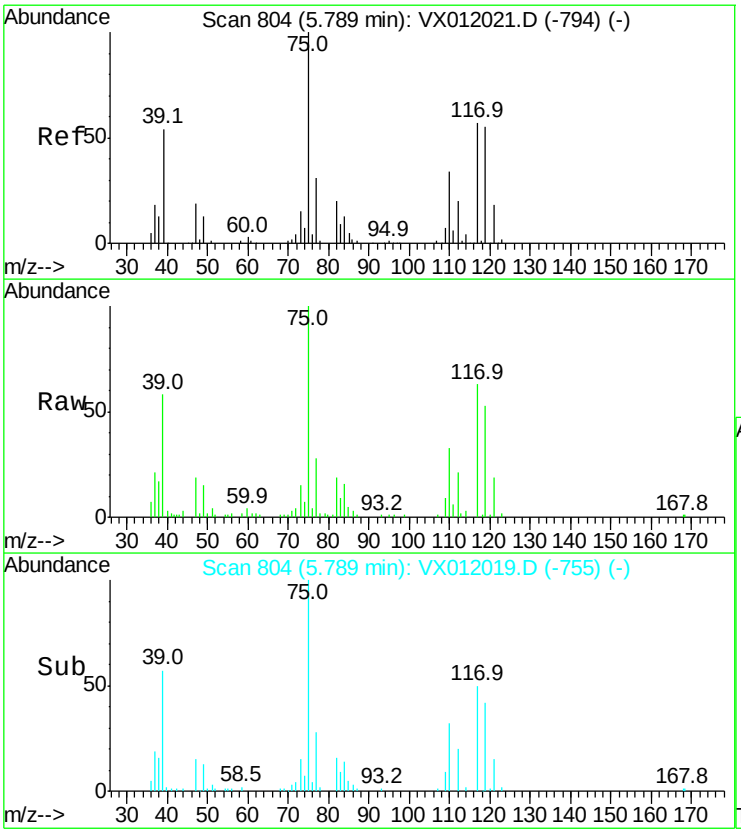

#35
Dibromofluoromethane
Concen: 9.435 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion:113 Resp: 17596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.8 | 81.8 | 122.6 |
| 192 | 18.0 | 13.3 | 19.9 |

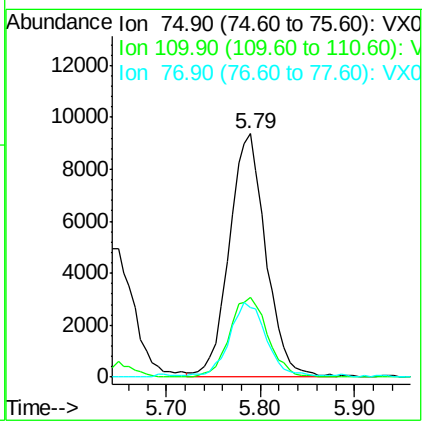


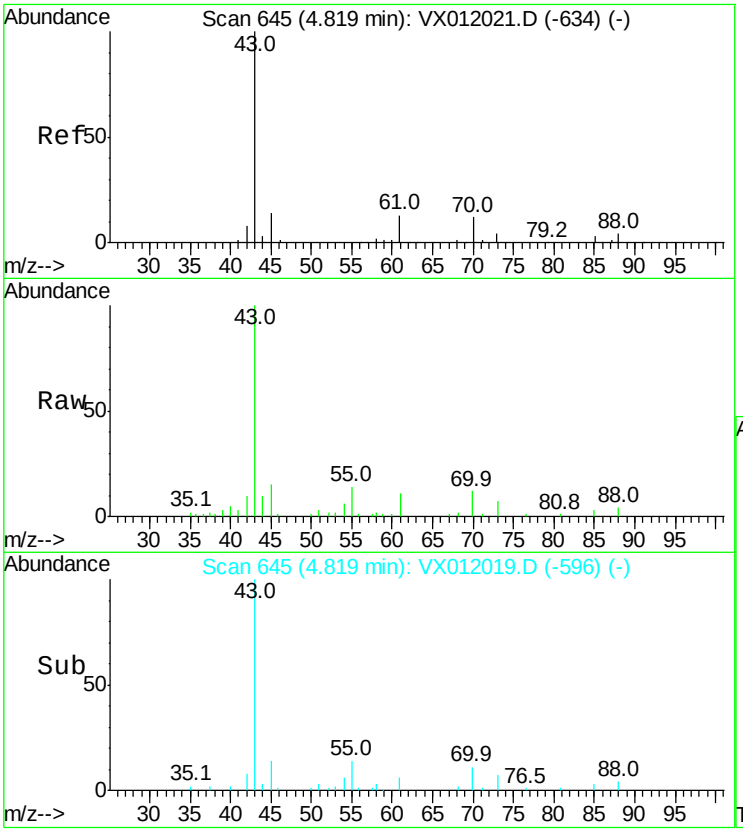




#36
1,1-Dichloropropene
Concen: 11.697 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 75 Resp: 25458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 34.0 | 17.4 | 52.2 |
| 77 | 30.2 | 24.5 | 36.7 |



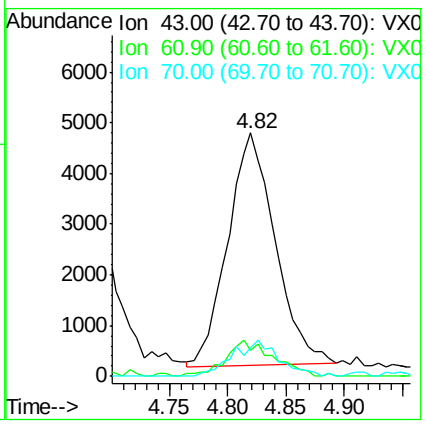


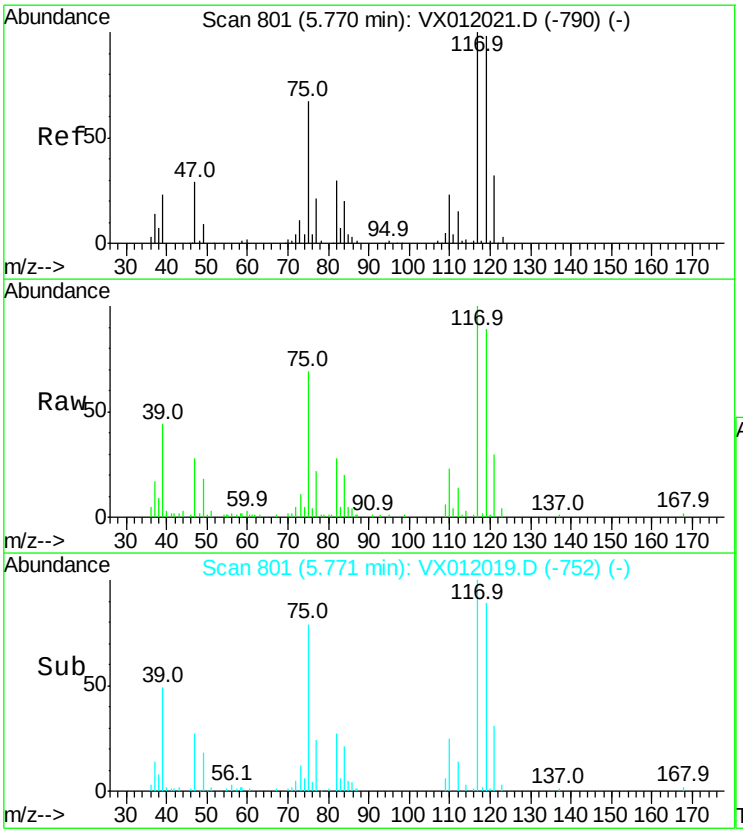

#37
Ethyl Acetate
Concen: 11.954 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 43 Resp: 13024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 15.5 | 10.7 | 16.1 |
| 70 | 15.2 | 10.0 | 15.0# |

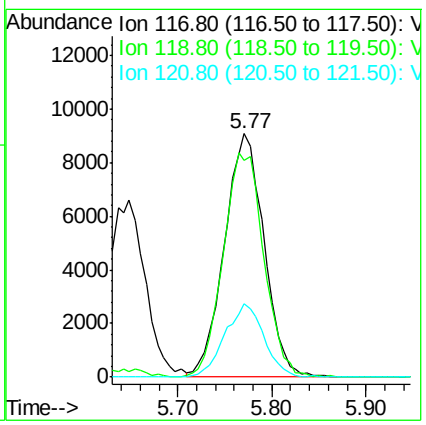


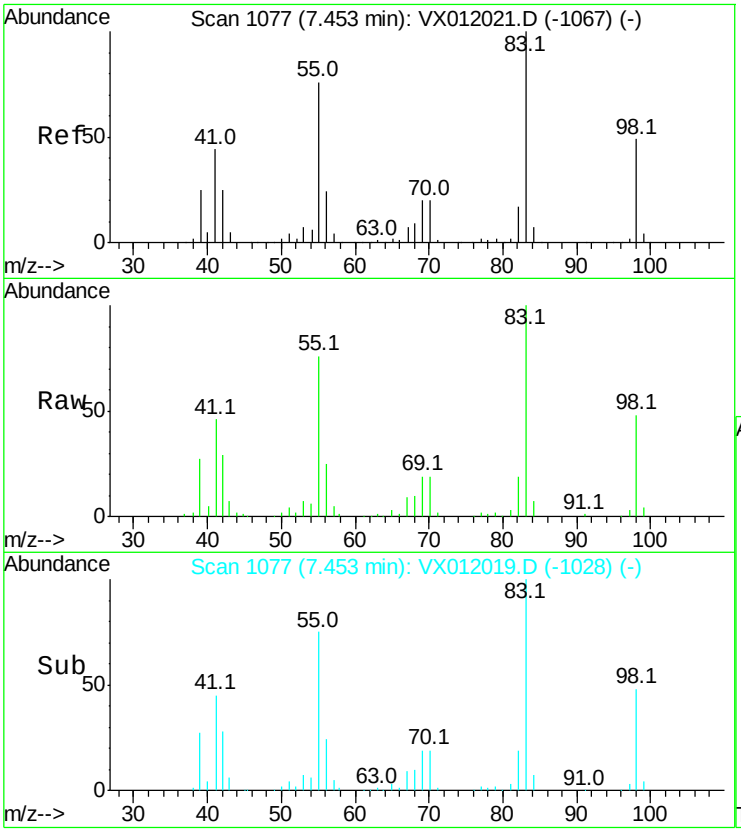




#38
Carbon Tetrachloride
Concen: 10.050 ug/l
RT: 5.77 min Scan# 801
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion:117 Resp: 26597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 89.0 | 78.1 | 117.1 |
| 121 | 30.1 | 25.5 | 38.3 |



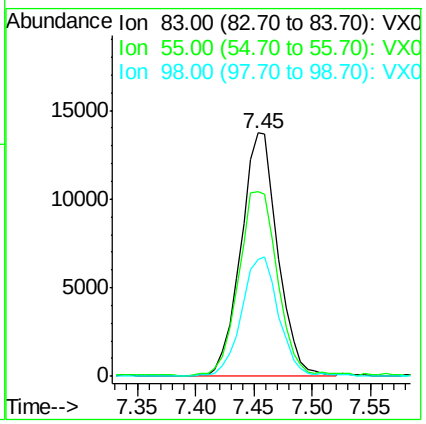


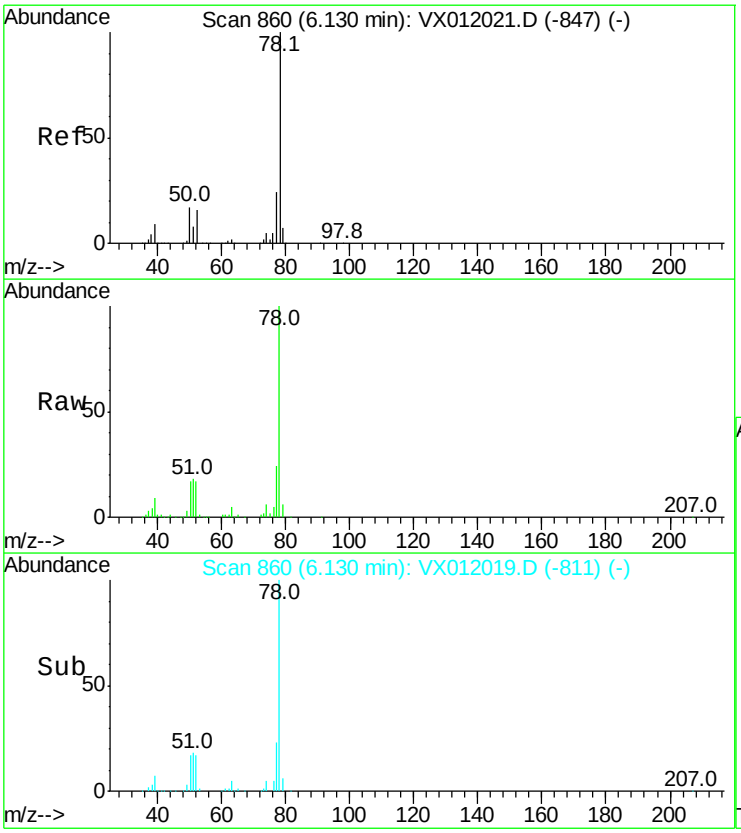

#39
Methylcyclohexane
Concen: 11.447 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 83 Resp: 30250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 75.9 | 60.7 | 91.1 |
| 98 | 48.0 | 39.0 | 58.6 |

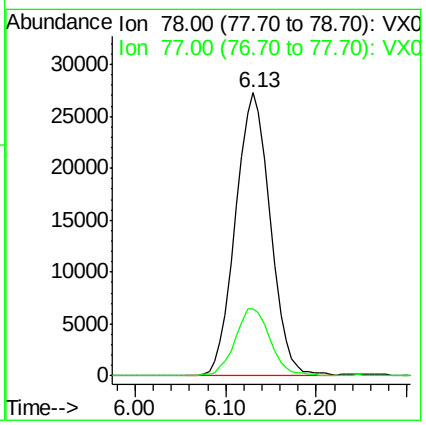


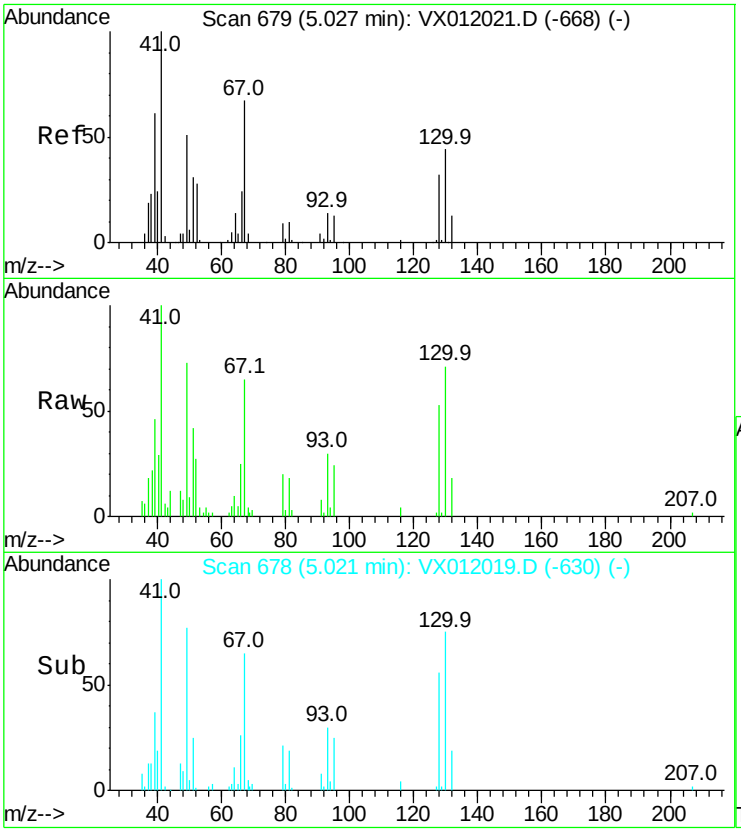




#40
Benzene
Concen: 11.571 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 78 Resp: 72733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.5 | 19.4 | 29.2 |



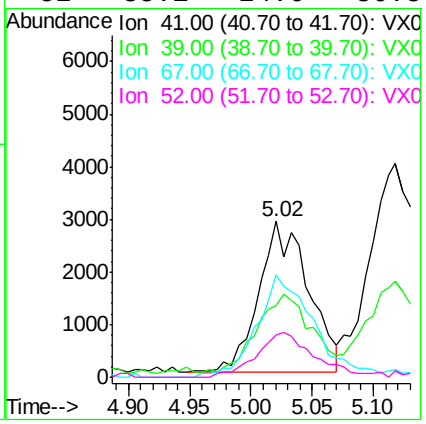


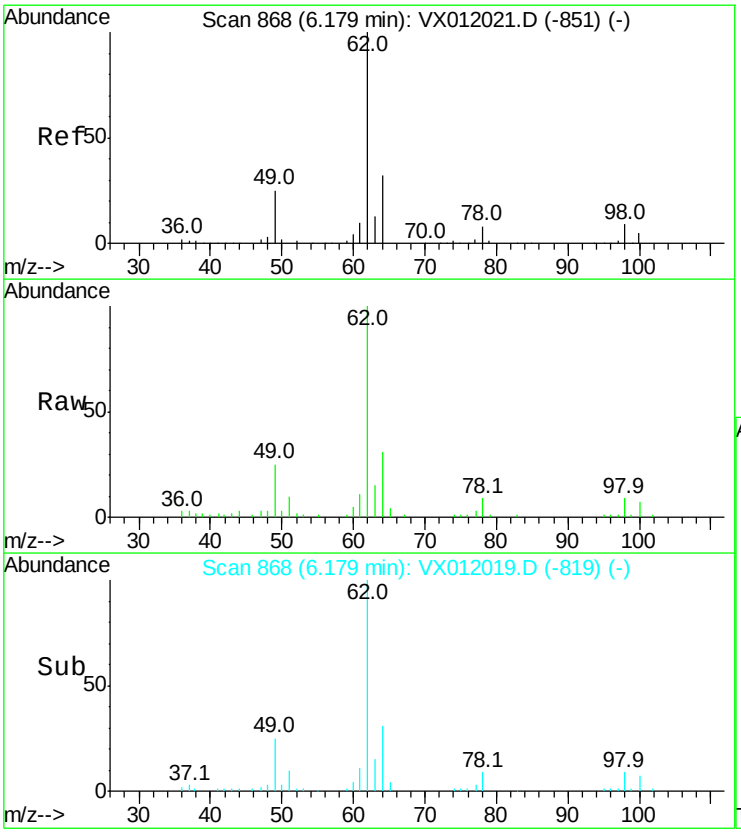

#41
Methacrylonitrile
Concen: 12.222 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 41 Resp: 8025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 58.5 | 47.2 | 70.8 |
| 67 | 77.3 | 56.6 | 85.0 |
| 52 | 35.1 | 24.6 | 36.8 |

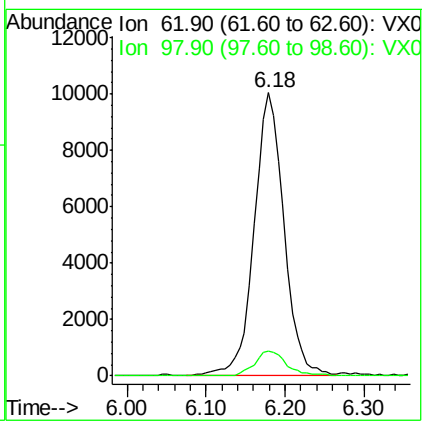


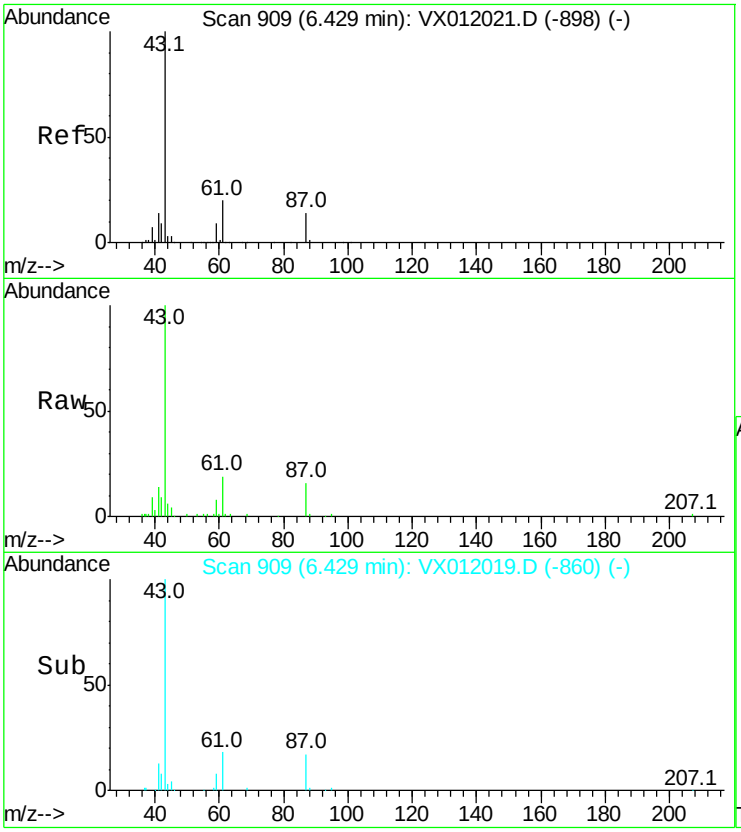




#42
1,2-Dichloroethane
Concen: 12.464 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 62 Resp: 26542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.4 | 0.0 | 17.8 |



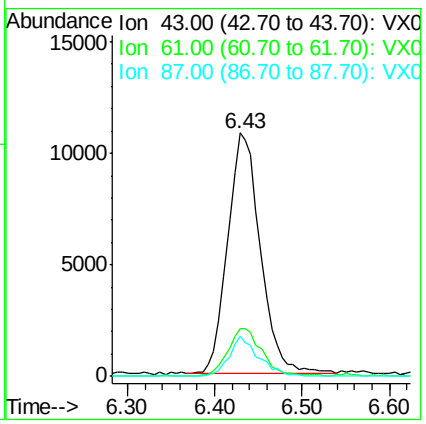


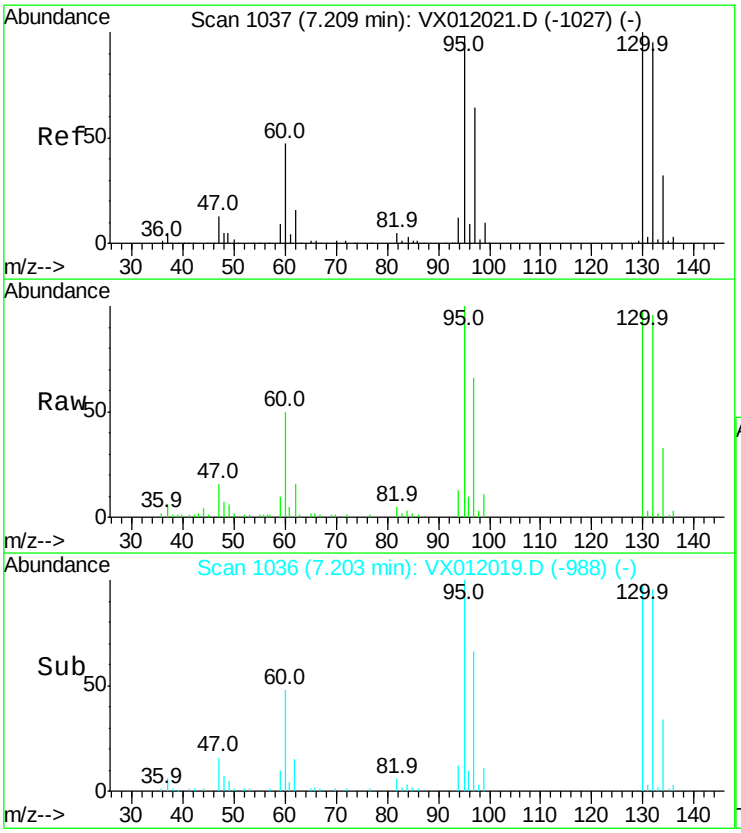

#43
Isopropyl Acetate
Concen: 12.542 ug/l
RT: 6.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 43 Resp: 28245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.8 | 16.2 | 24.4 |
| 87 | 14.9 | 10.9 | 16.3 |

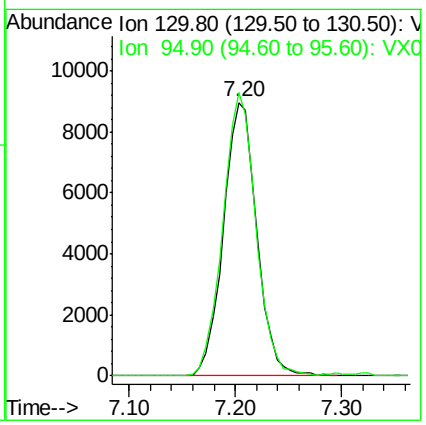


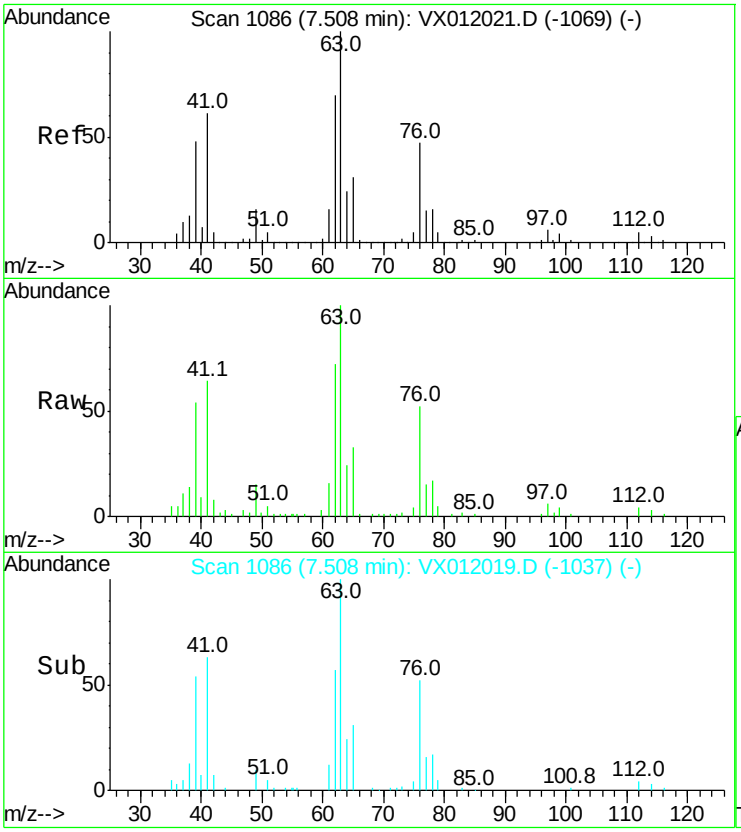




#44
Trichloroethene
Concen: 9.399 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion:130 Resp: 19622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 103.5 | 0.0 | 196.6 |



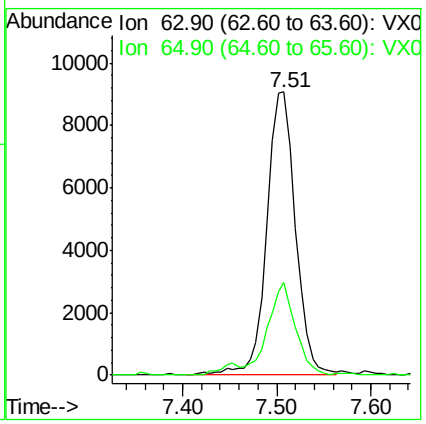


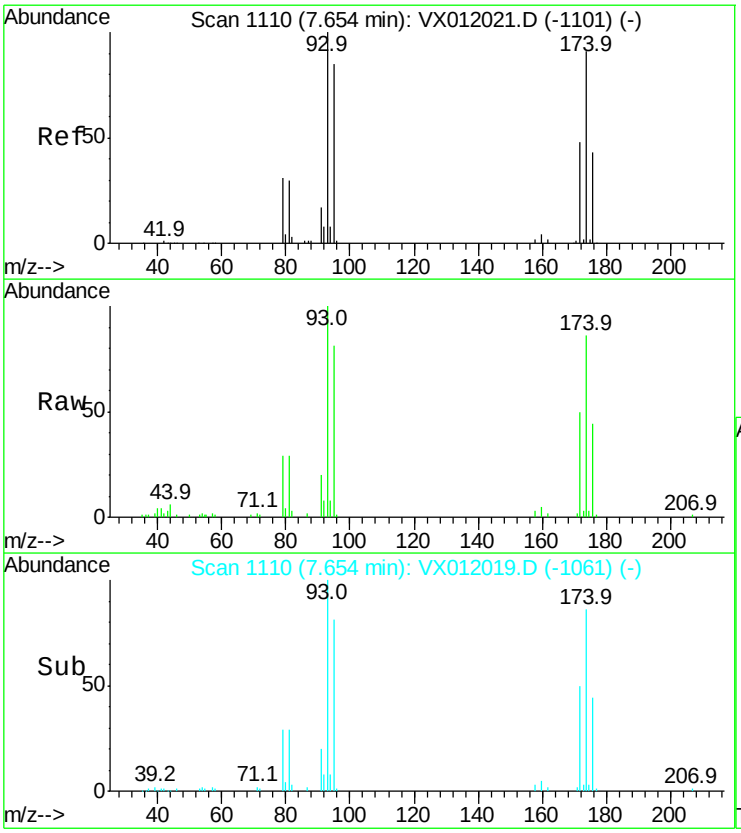

#45
1,2-Dichloropropane
Concen: 12.255 ug/l
RT: 7.51 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 63 Resp: 19384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.6 | 24.6 | 37.0 |

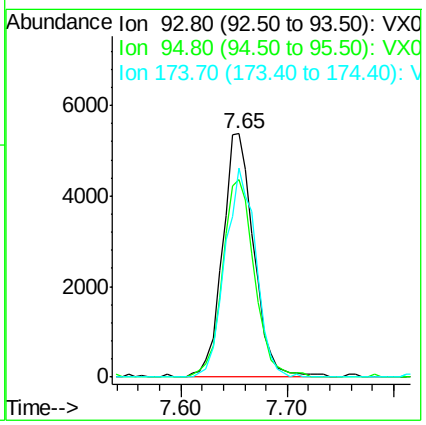


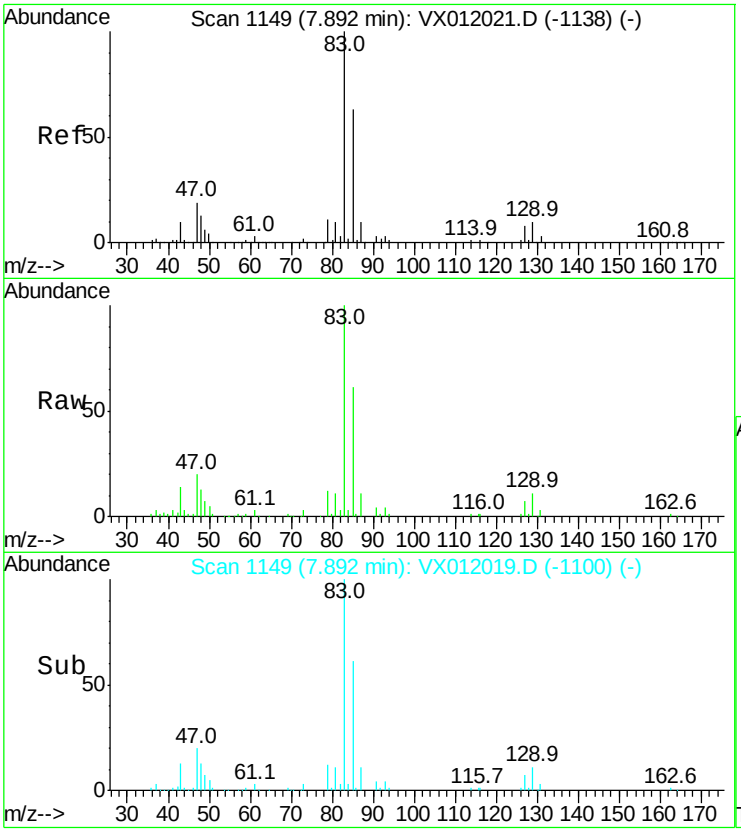




#46
Dibromomethane
Concen: 11.671 ug/l
RT: 7.65 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 93 Resp: 11066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.4 | 67.0 | 100.6 |
| 174 | 84.2 | 70.5 | 105.7 |



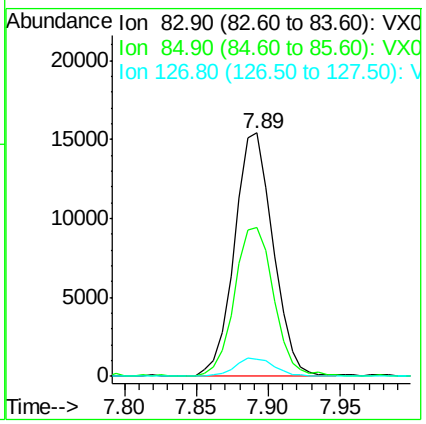


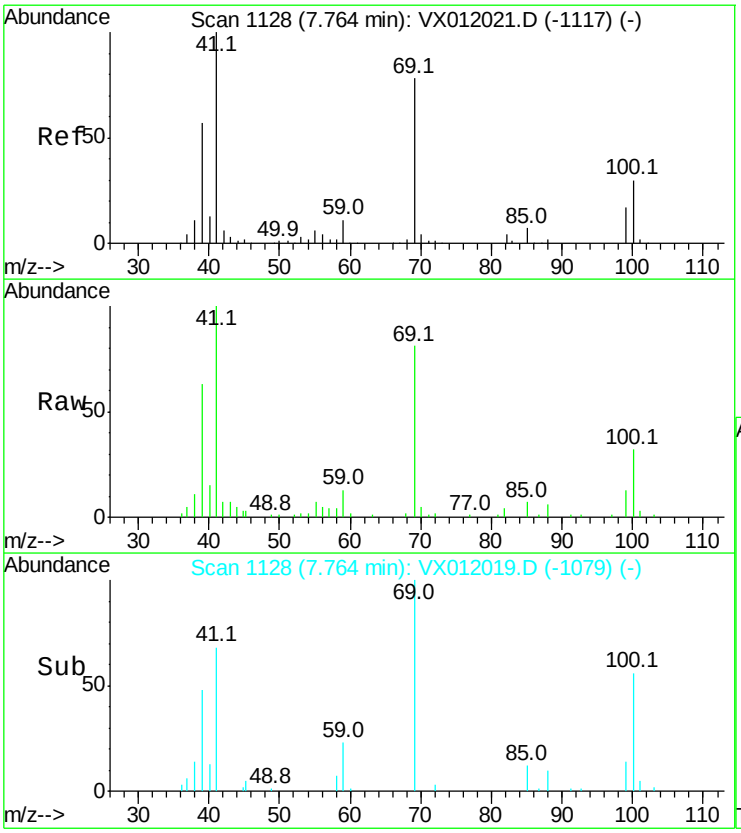

#47
Bromodichloromethane
Concen: 12.014 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 83 Resp: 28754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 61.1 | 50.2 | 75.4 |
| 127 | 7.1 | 6.1 | 9.1 |

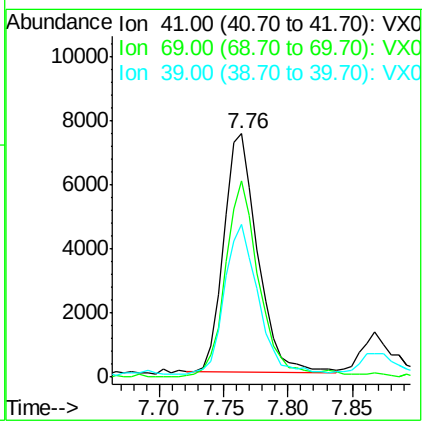


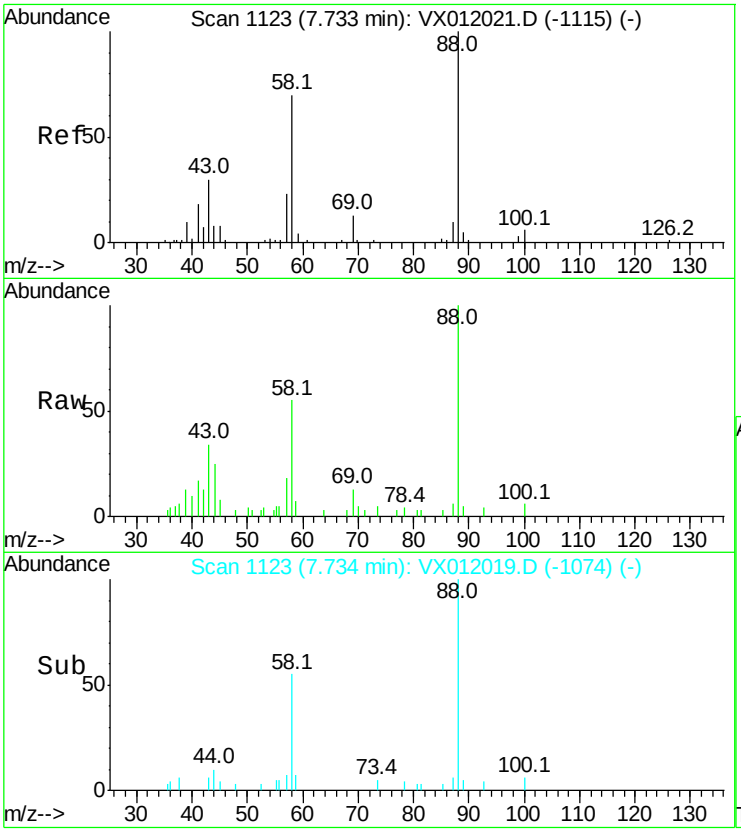




#48
Methyl methacrylate
Concen: 12.254 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 41 Resp: 13608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 83.6 | 63.9 | 95.9 |
| 39 | 62.0 | 48.4 | 72.6 |



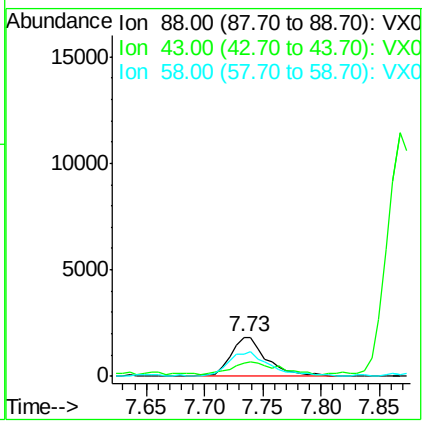


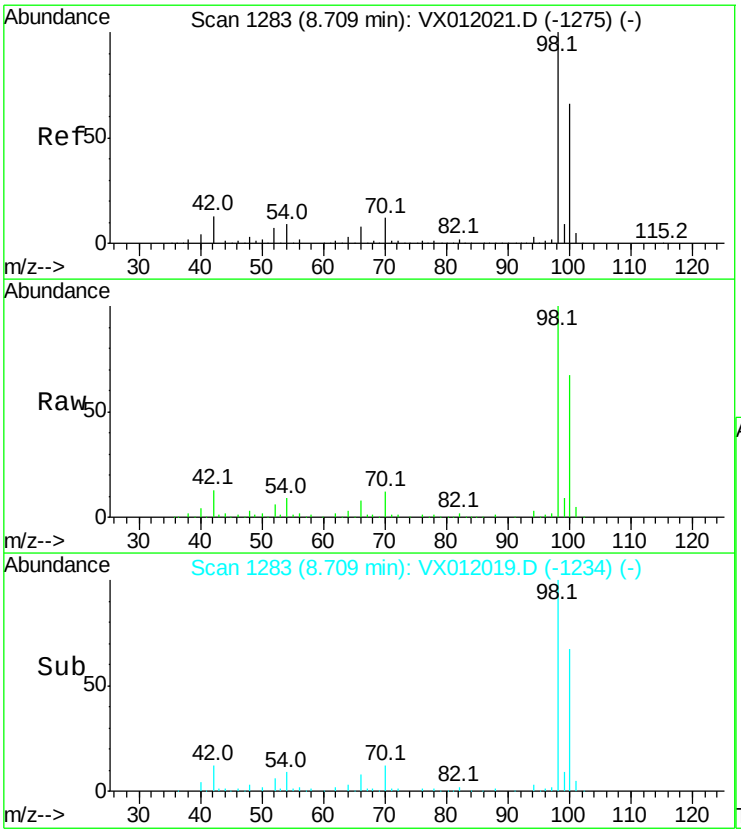

#49
1,4-Dioxane
Concen: 252.128 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC010

Tgt Ion: 88 Resp: 3928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 38.8 | 28.8 | 43.2 |
| 58 | 72.5 | 59.9 | 89.9 |

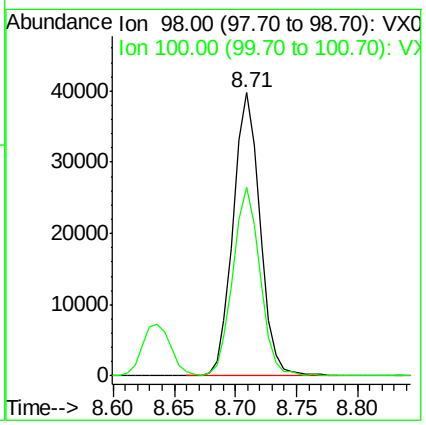


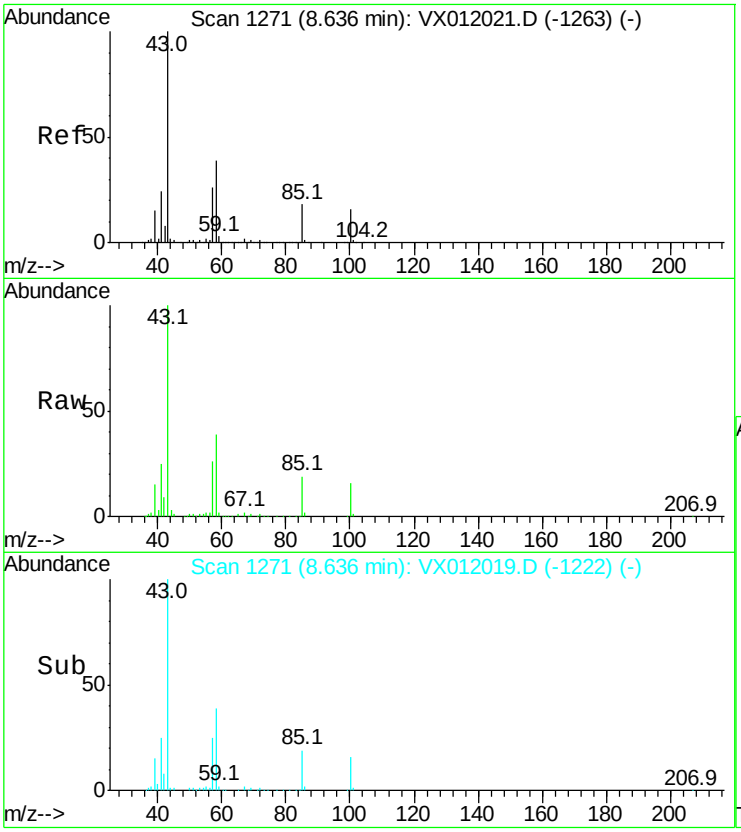




#50
Toluene-d8
Concen: 9.218 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 98 Resp: 60556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.9 | 53.2 | 79.8 |



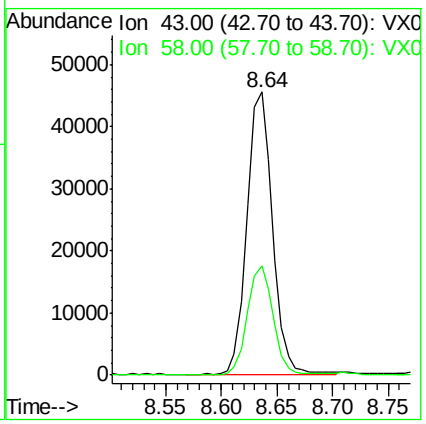


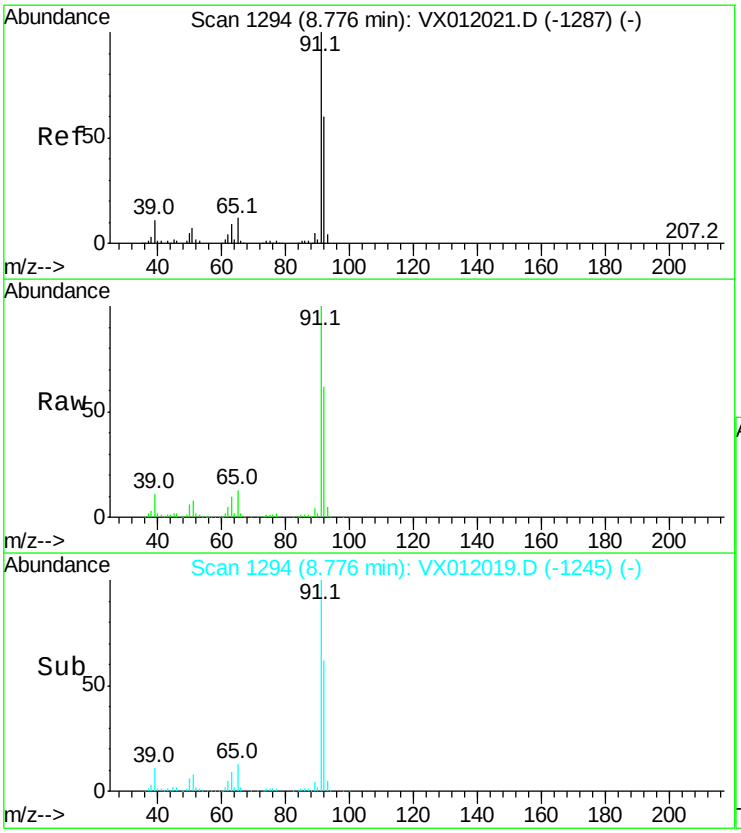

#51
4-Methyl-2-Pentanone
Concen: 64.357 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC010

Tgt Ion: 43 Resp: 72841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.0 | 31.3 | 46.9 |

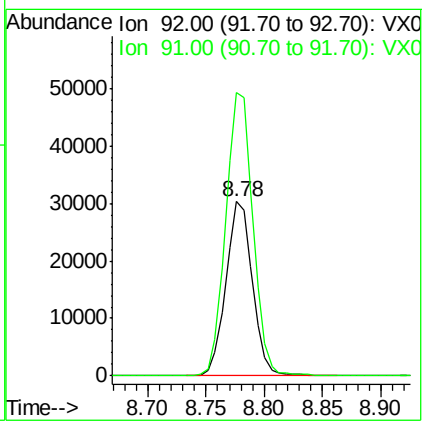


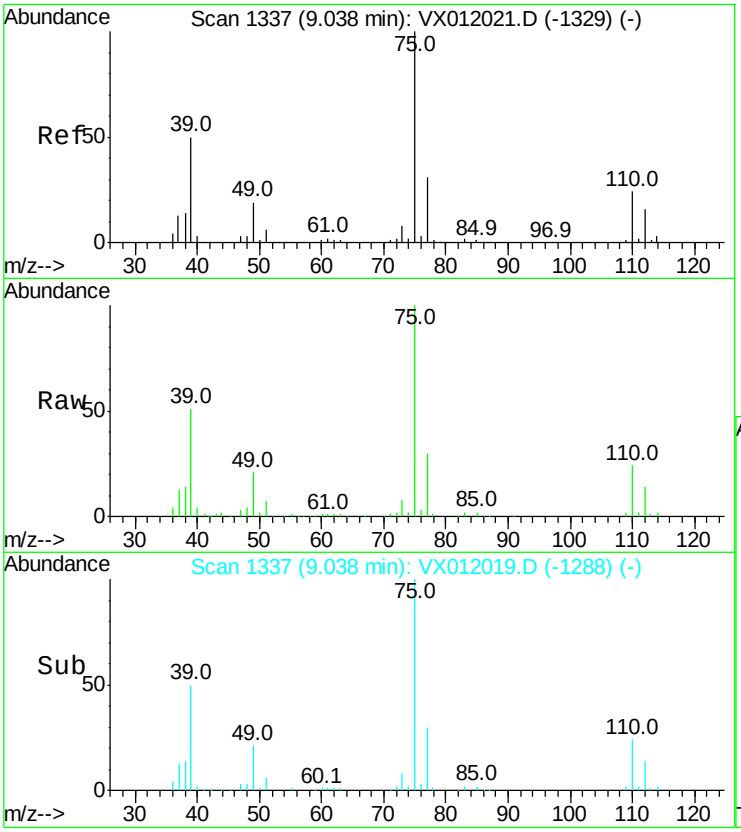




#52
Toluene
Concen: 11.269 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 92 Resp: 47993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 167.8 | 135.4 | 203.2 |



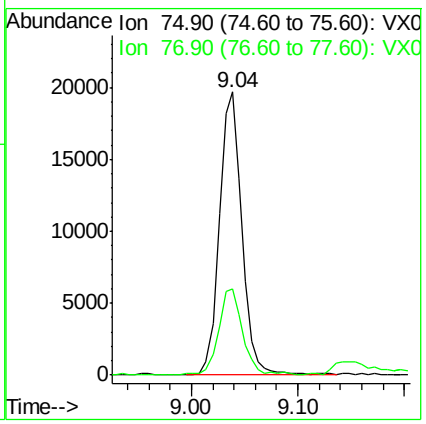


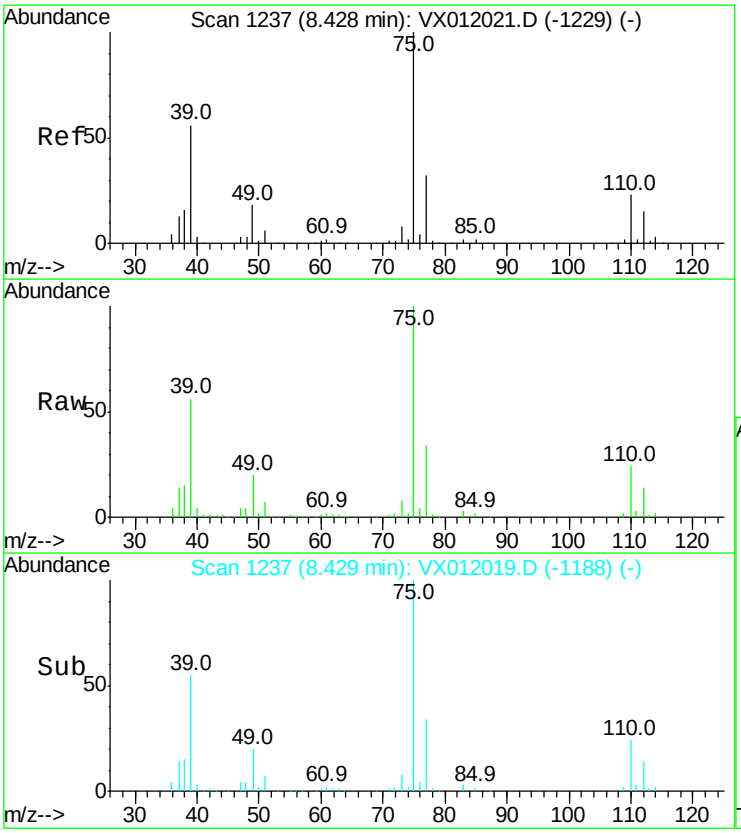

#53
t-1,3-Dichloropropene
Concen: 11.986 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 75 Resp: 29041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.0 | 24.8 | 37.2 |

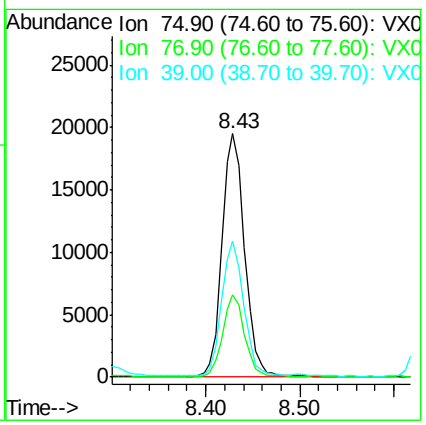


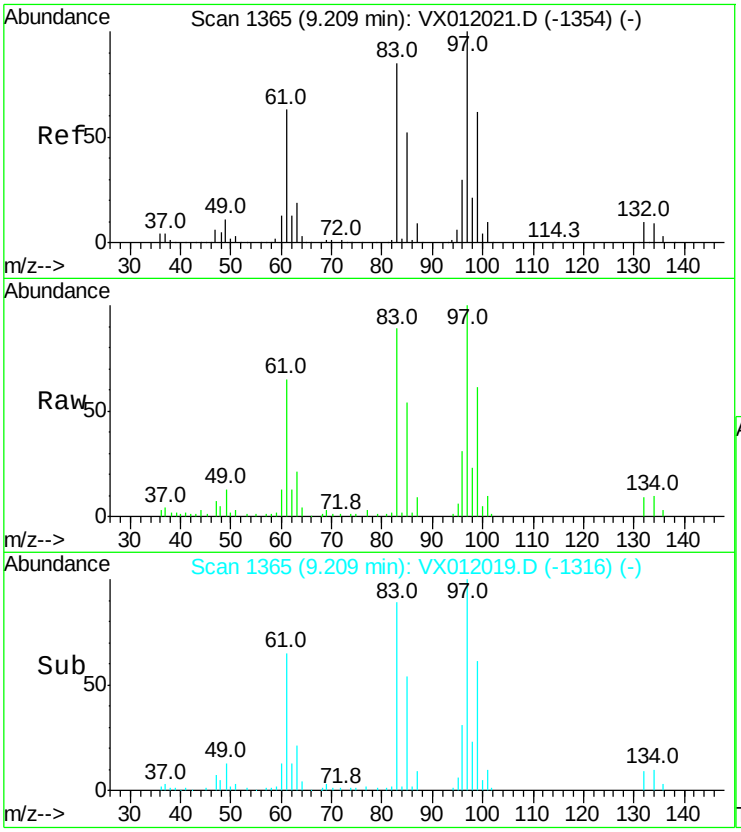




#54
cis-1,3-Dichloropropene
Concen: 11.934 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 75 Resp: 32544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.7 | 25.4 | 38.2 |
| 39 | 55.1 | 44.7 | 67.1 |



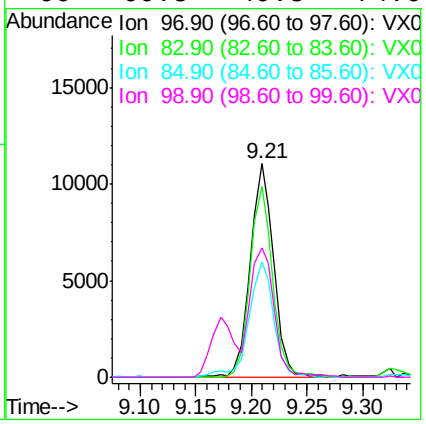


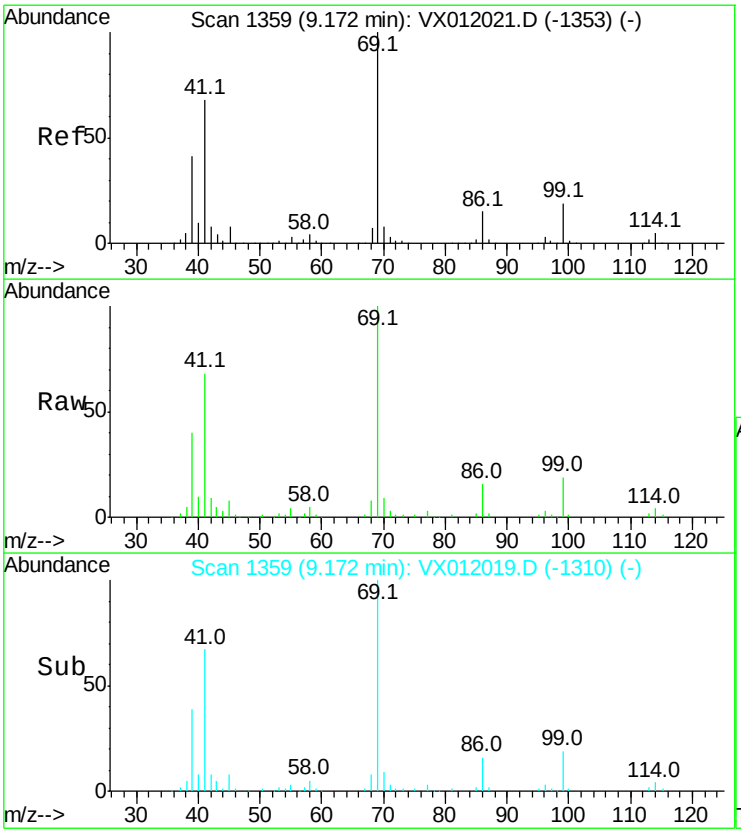

#55
1,1,2-Trichloroethane
Concen: 11.717 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 97 Resp: 16218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 89.4 | 68.1 | 102.1 |
| 85 | 53.9 | 41.4 | 62.2 |
| 99 | 60.8 | 49.8 | 74.6 |

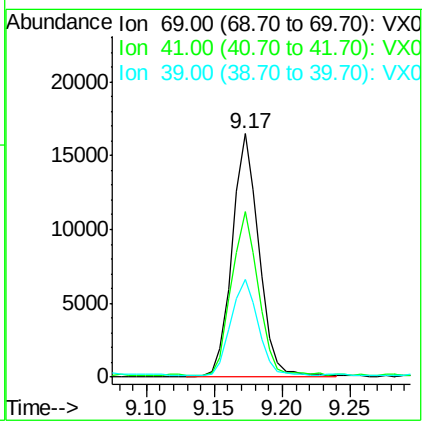


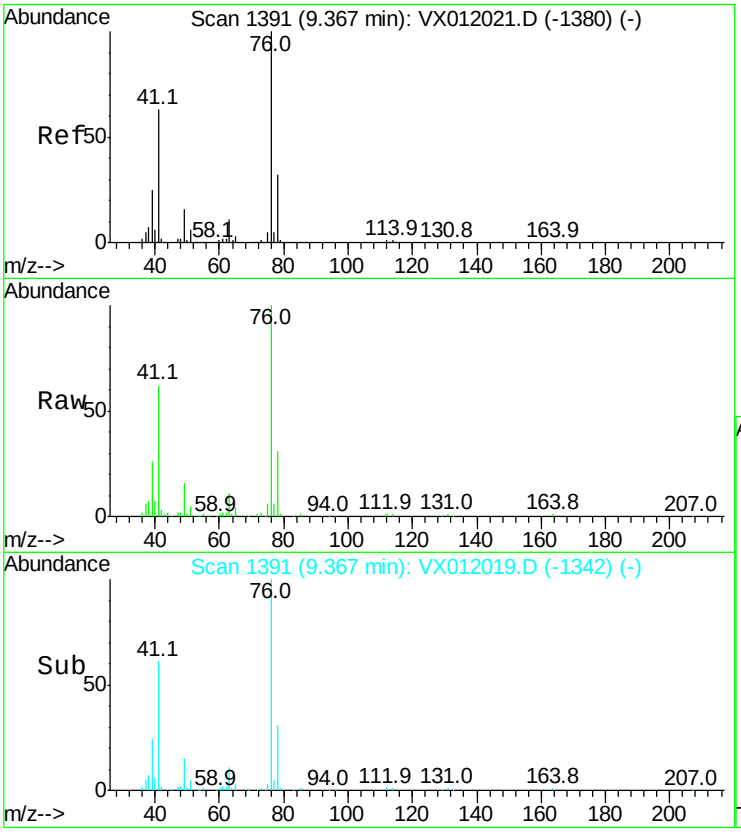




#56
Ethyl methacrylate
Concen: 12.351 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 69 Resp: 22703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 68.8 | 55.4 | 83.2 |
| 39 | 40.2 | 33.3 | 49.9 |



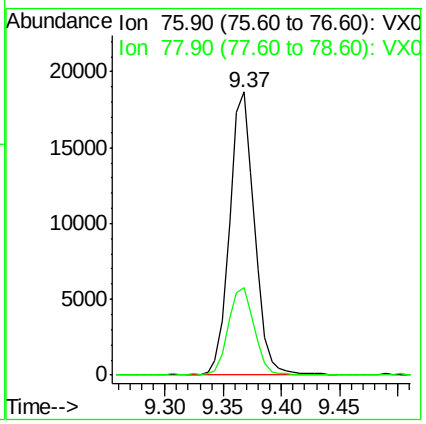


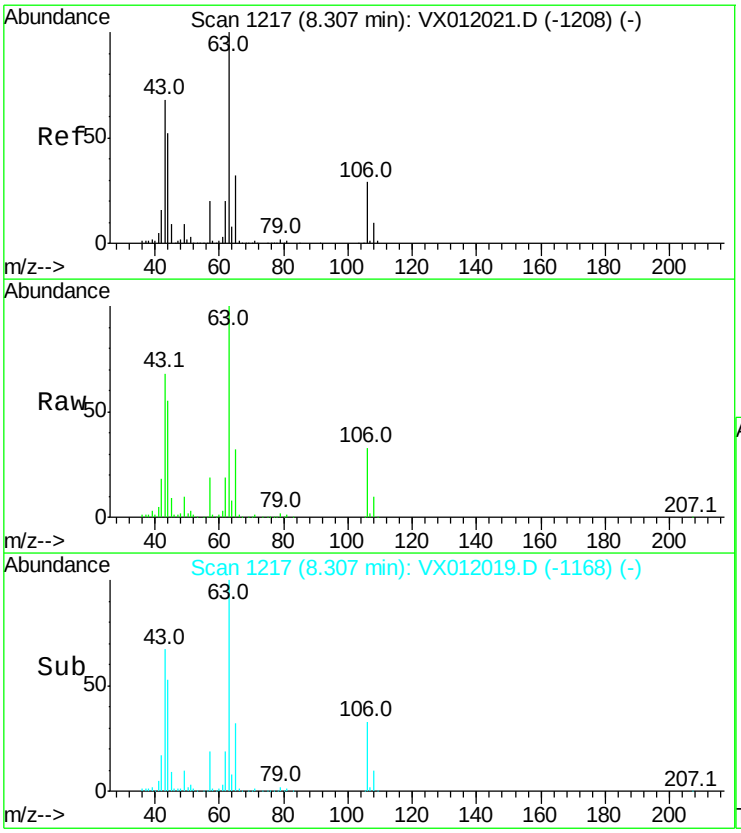

#57
1,3-Dichloropropane
Concen: 12.232 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 76 Resp: 27806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.3 | 26.3 | 39.5 |

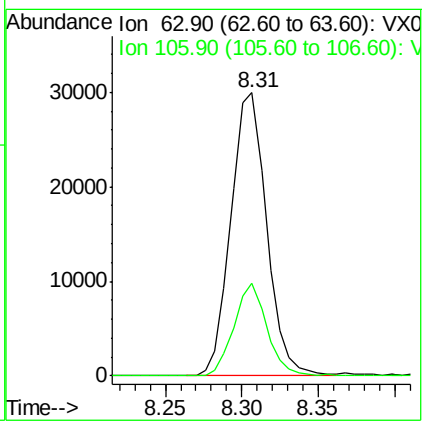


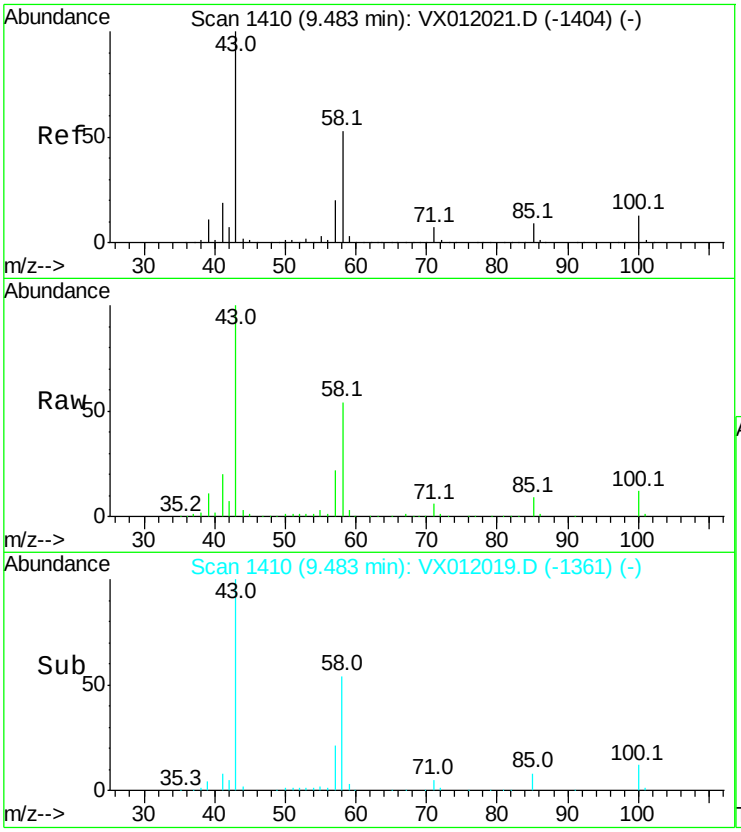




#58
2-Chloroethyl Vinyl ether
Concen: 58.179 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 63 Resp: 48597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 30.3 | 23.3 | 34.9 |



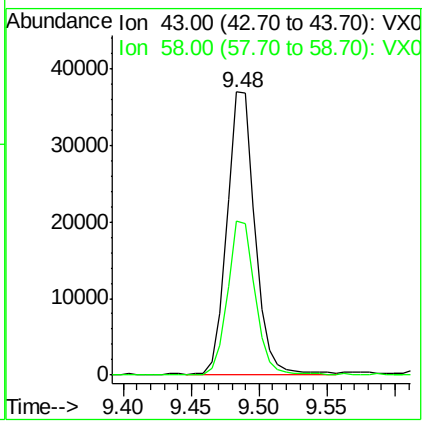


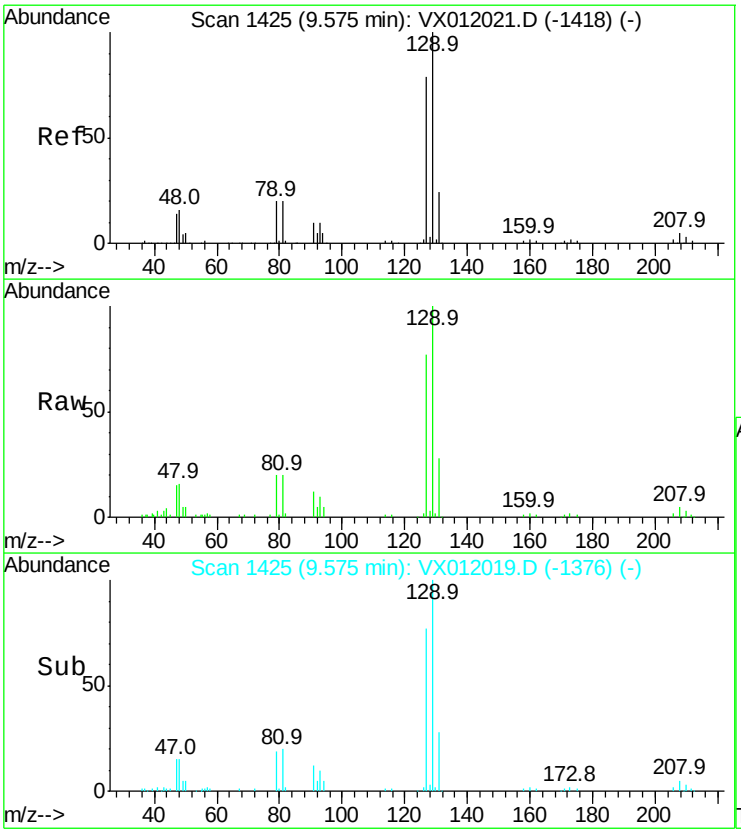

#59
2-Hexanone
Concen: 64.793 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 43 Resp: 52205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 54.3 | 27.3 | 81.8 |

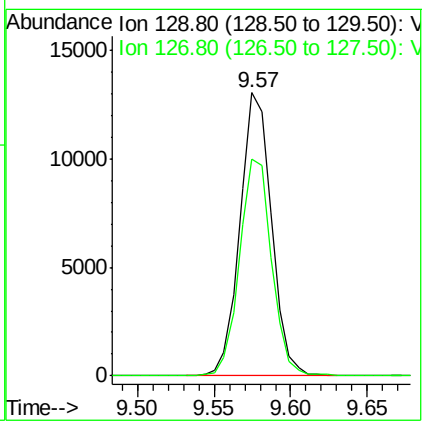


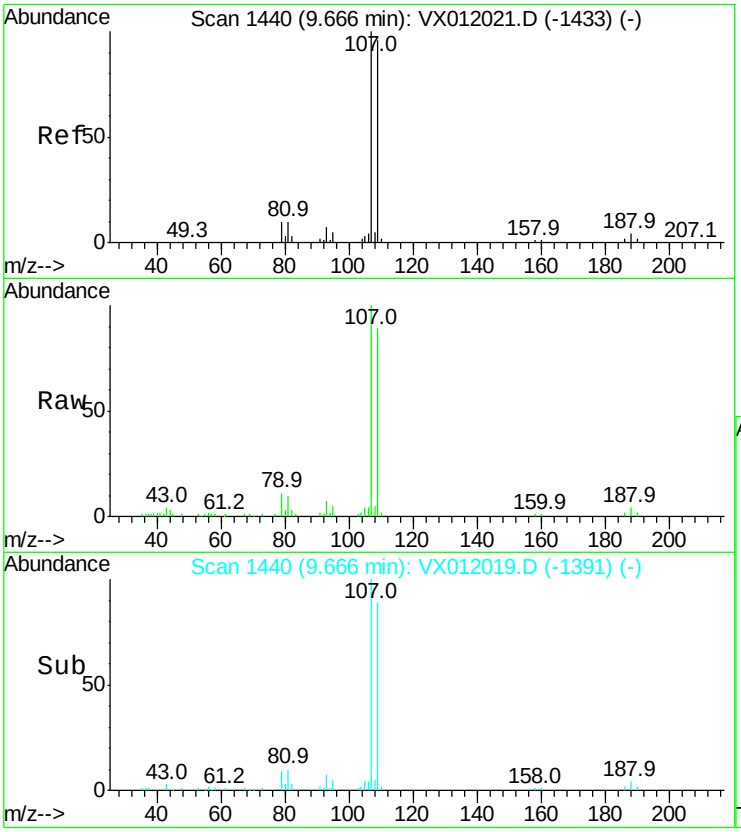




#60
Dibromochloromethane
Concen: 9.694 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion:129 Resp: 18653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.2 | 38.4 | 115.2 |



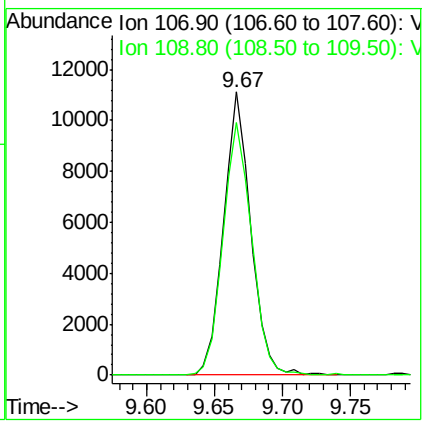


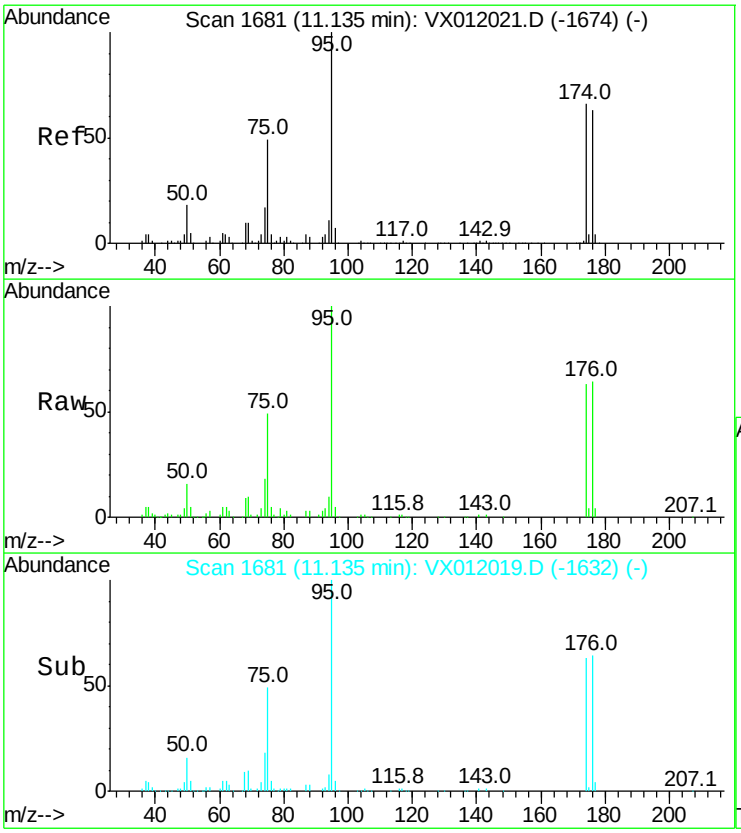

#61
1,2-Dibromoethane
Concen: 11.192 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion:107 Resp: 15430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.9 | 75.5 | 113.3 |

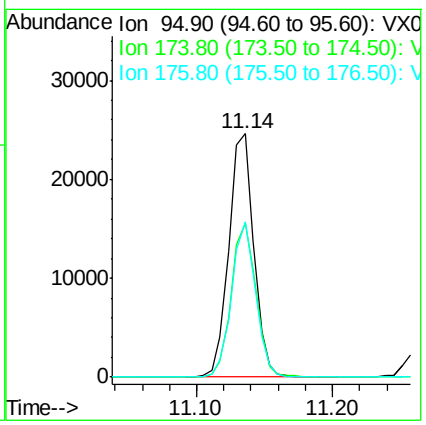


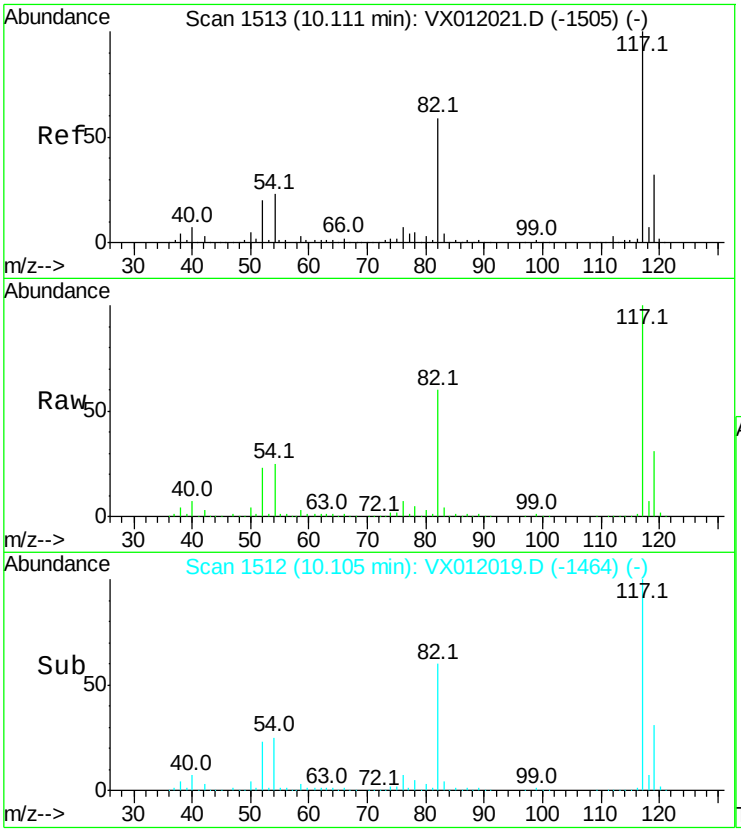




#62
4-Bromofluorobenzene
Concen: 11.096 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 95 Resp: 31522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 62.5 | 0.0 | 125.2 |
| 176 | 60.9 | 0.0 | 119.0 |



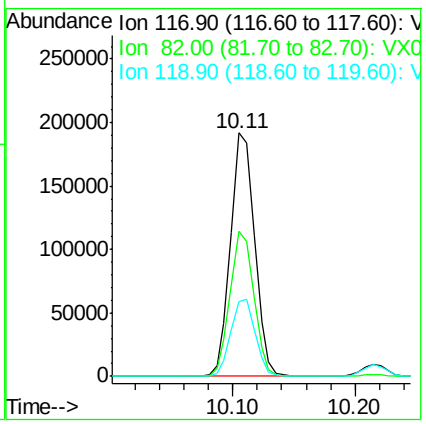


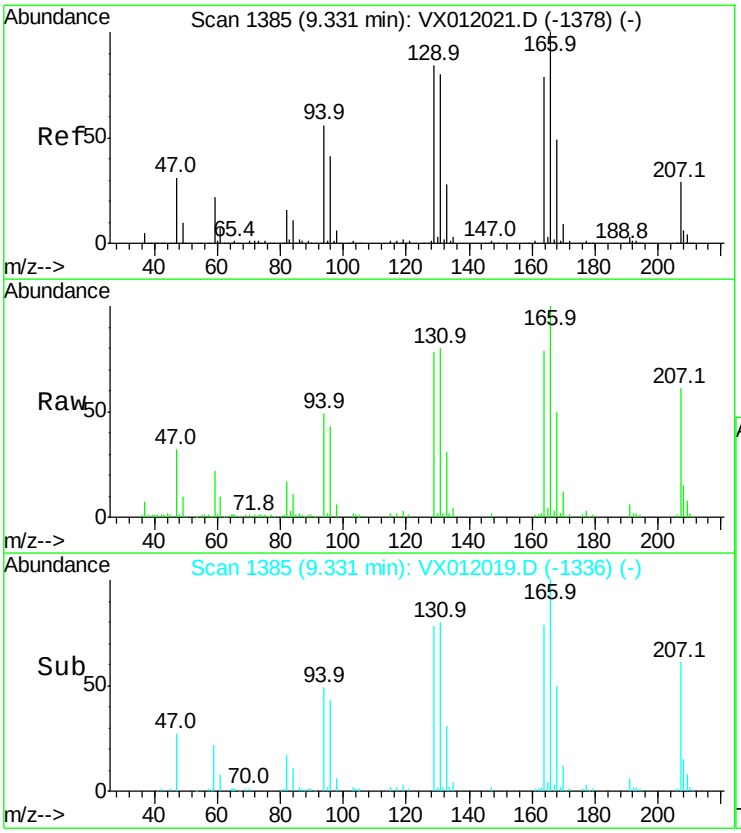

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC010

Tgt Ion:117 Resp: 260316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 59.7 | 47.0 | 70.4 |
| 119 | 30.6 | 25.4 | 38.0 |

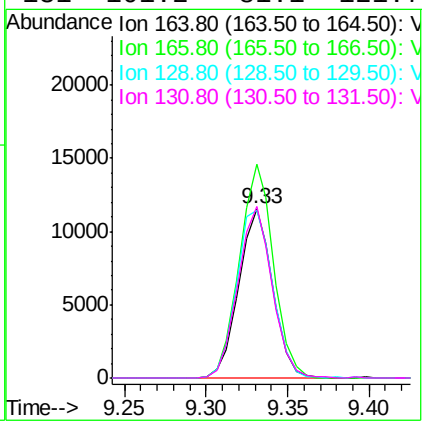


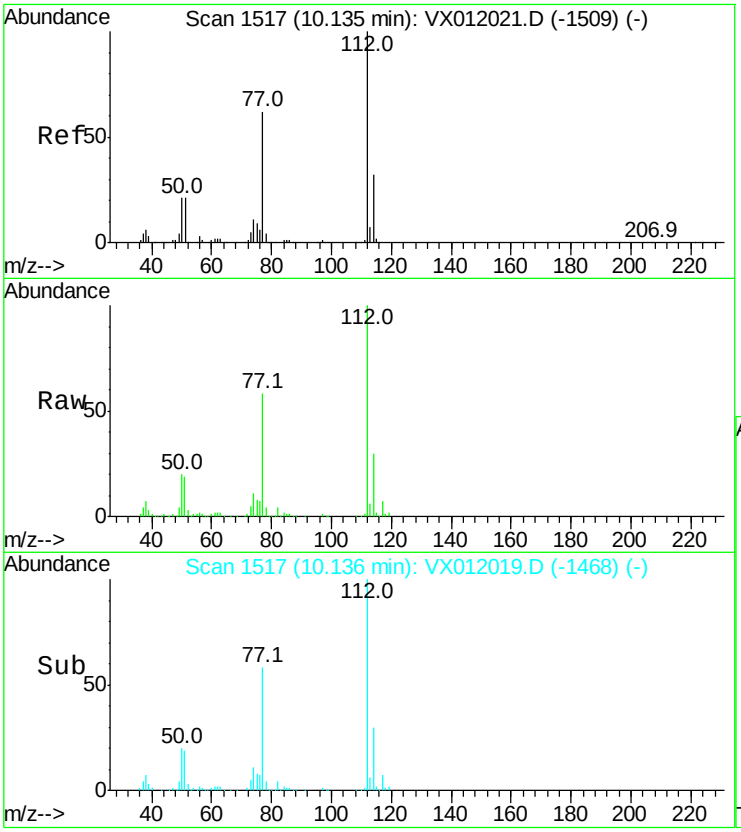




#64
Tetrachloroethene
Concen: 7.787 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion:164 Resp: 16684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 126.1 | 100.9 | 151.3 |
| 129 | 99.0 | 85.1 | 127.7 |
| 131 | 101.2 | 81.1 | 121.7 |



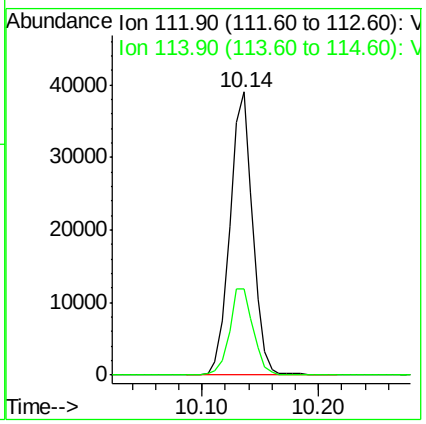


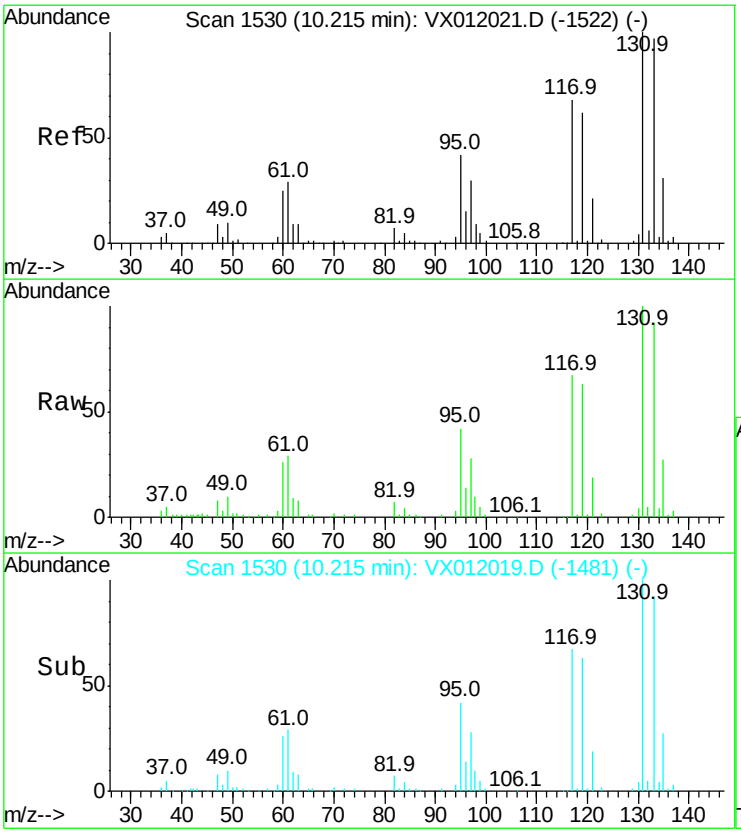

#65
Chlorobenzene
Concen: 10.768 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion:112 Resp: 52916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 30.4 | 25.4 | 38.0 |

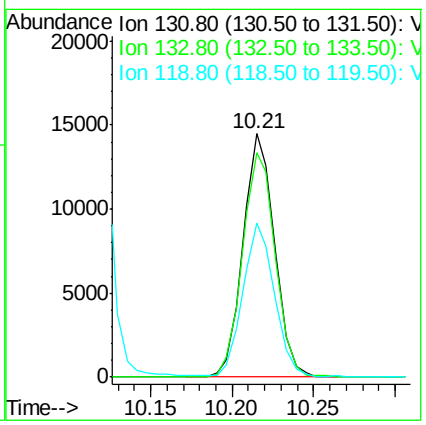


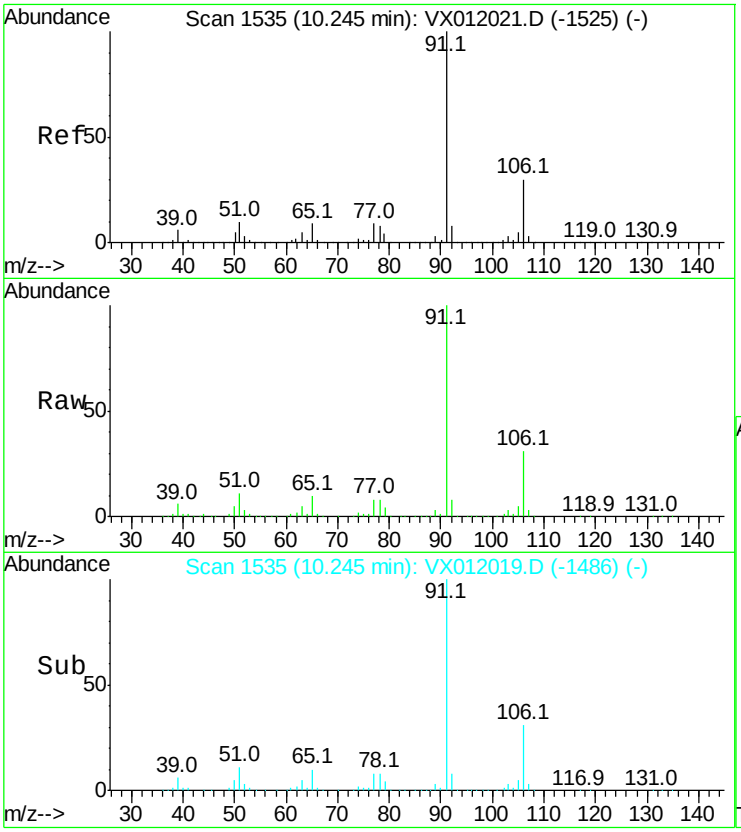




#66
1,1,1,2-Tetrachloroethane
Concen: 9.876 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion:131 Resp: 19476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.5 | 48.6 | 145.8 |
| 119 | 63.8 | 32.5 | 97.4 |



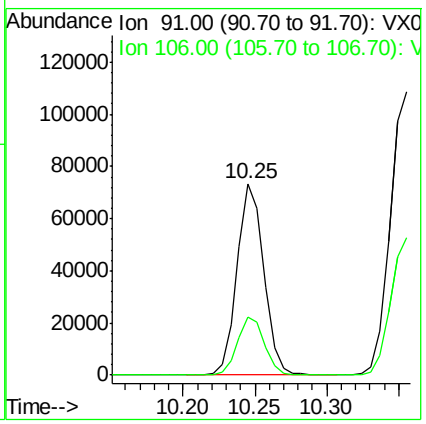


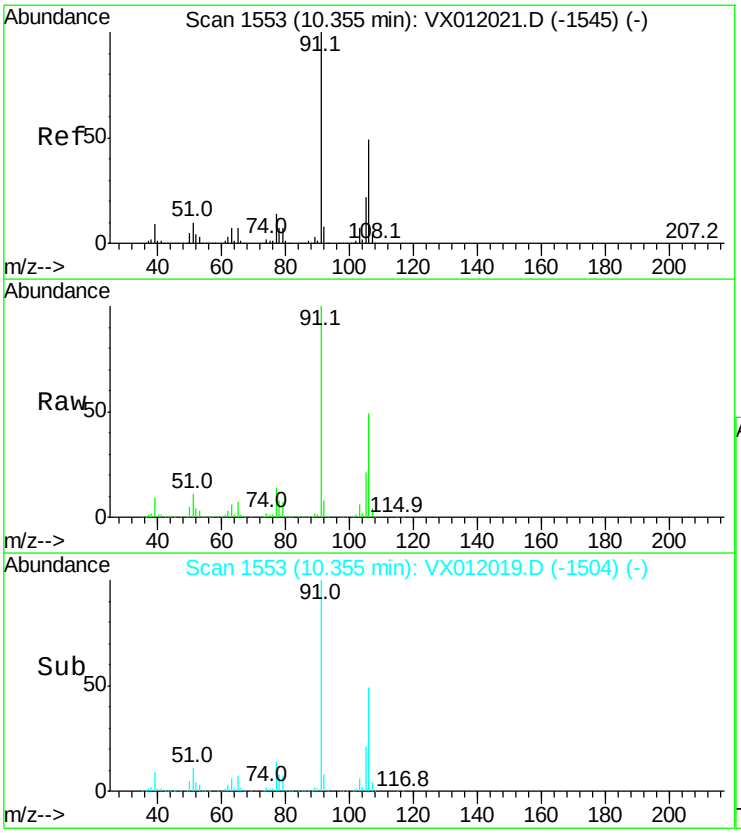

#67
Ethyl Benzene
Concen: 11.458 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 91 Resp: 95127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.6 | 24.2 | 36.4 |

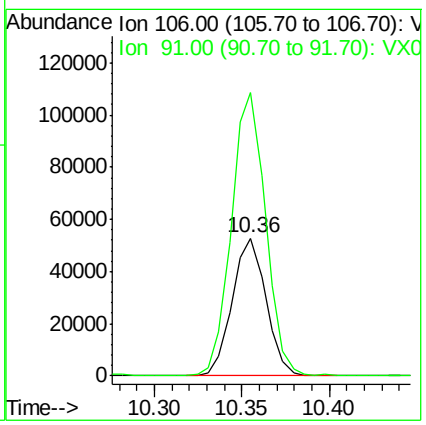


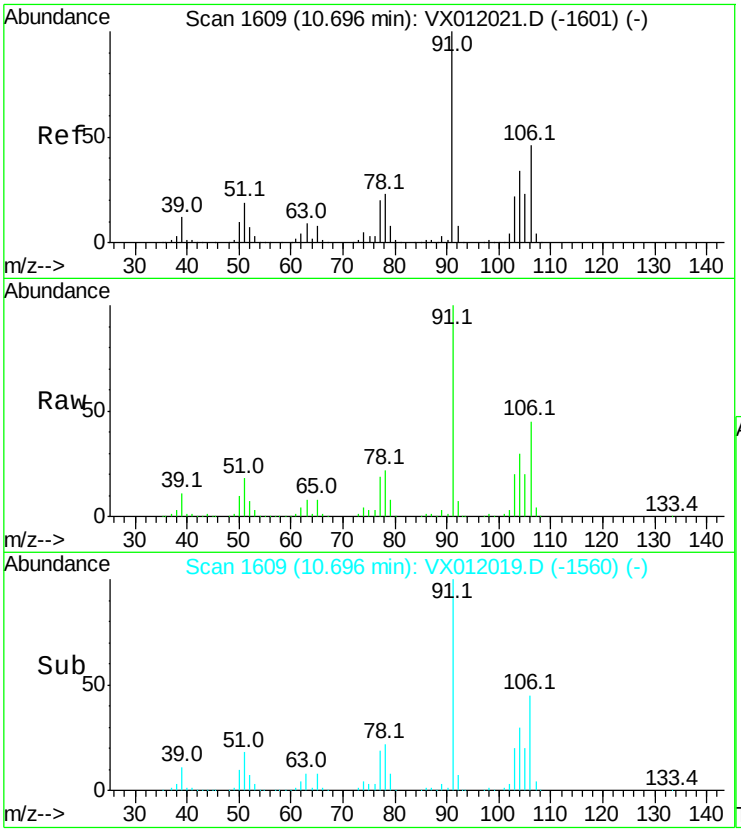




#68
m/p-Xylenes
Concen: 21.751 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion:106 Resp: 70906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 207.5 | 166.9 | 250.3 |



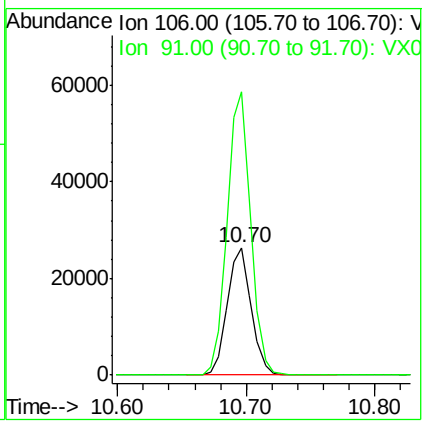


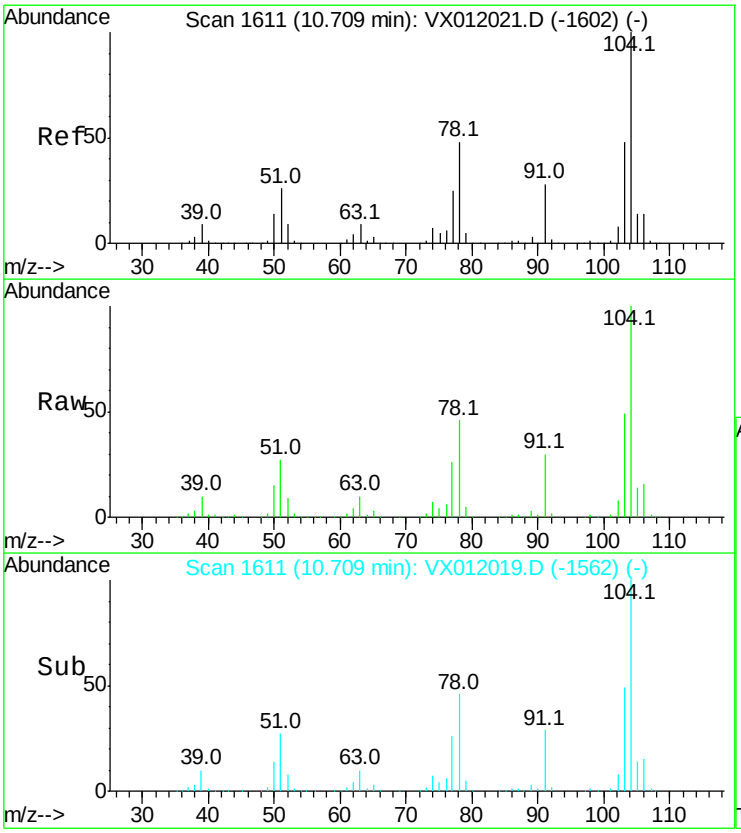

#69
o-Xylene
Concen: 10.886 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion:106 Resp: 34426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 219.2 | 110.3 | 331.0 |

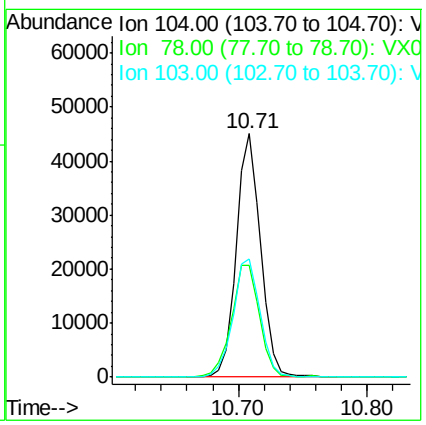


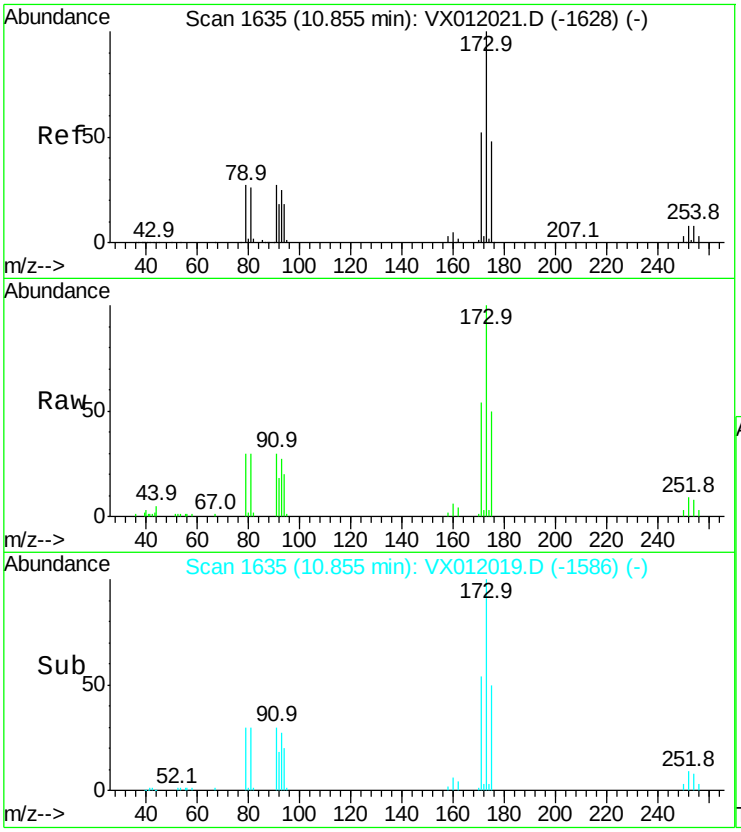




#70
Styrene
Concen: 10.847 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion:104 Resp: 58853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 53.7 | 43.4 | 65.2 |
| 103 | 54.3 | 42.9 | 64.3 |



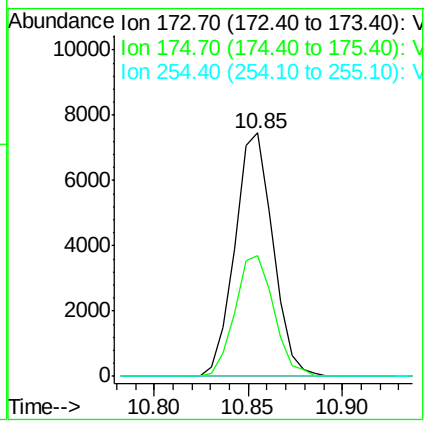


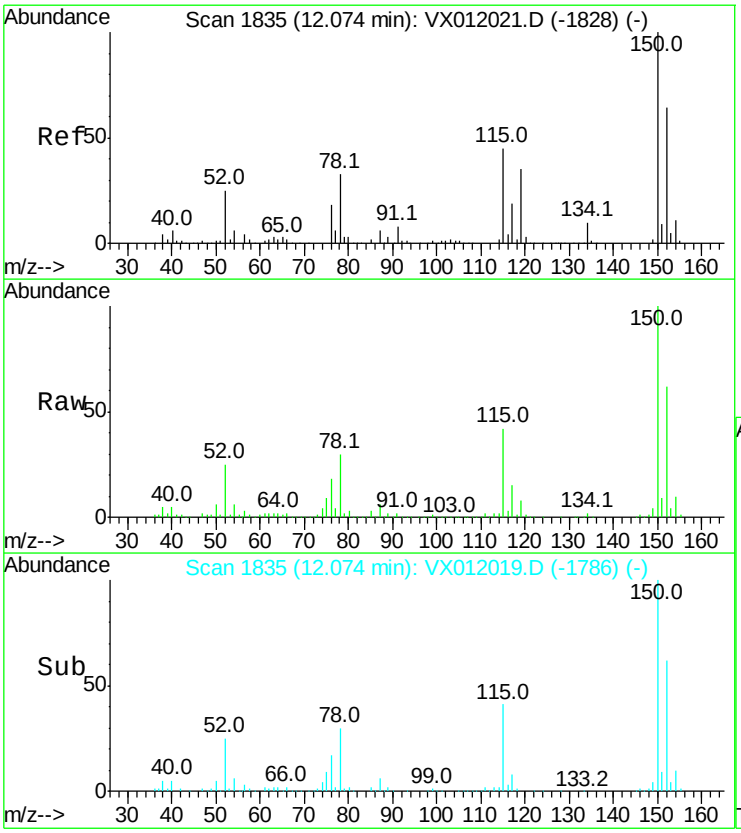

#71
Bromoform
Concen: 7.624 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion:173 Resp: 10432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 50.5 | 24.1 | 72.3 |
| 254 | 0.0 | 0.0 | 0.0 |

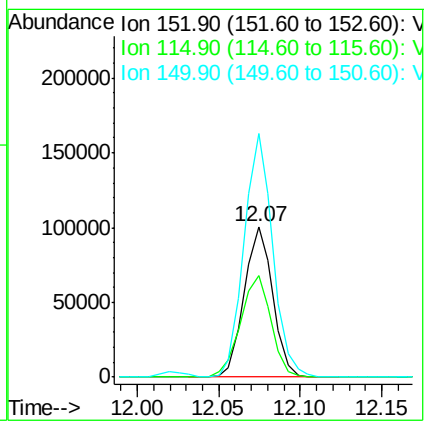


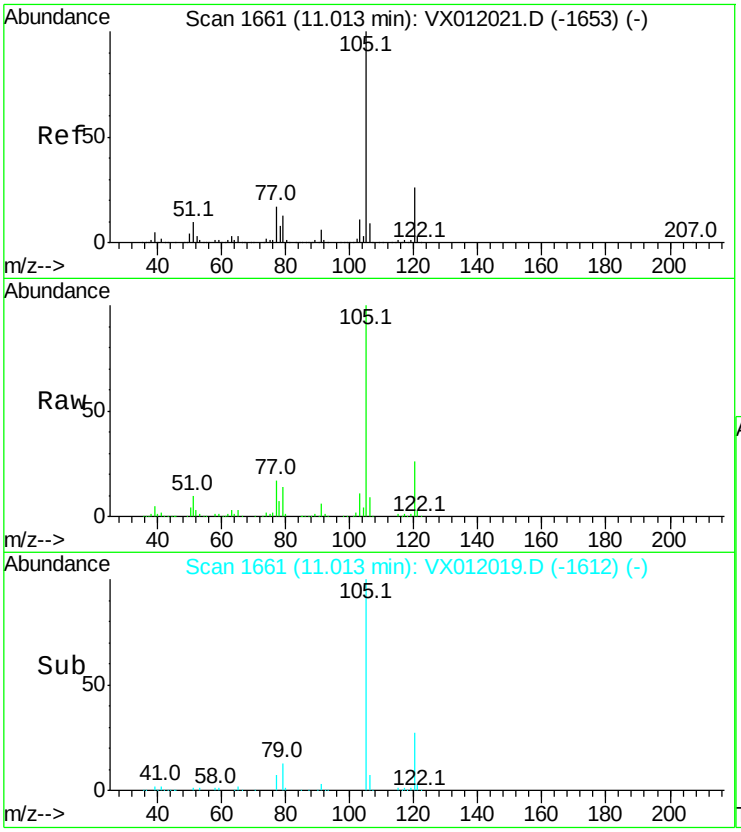




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion:152 Resp: 122464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 72.4 | 45.5 | 136.5 |
| 150 | 163.5 | 0.0 | 351.0 |



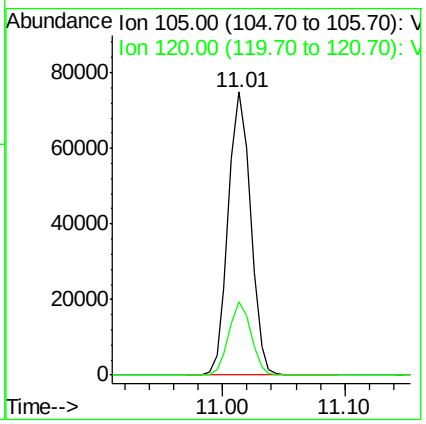


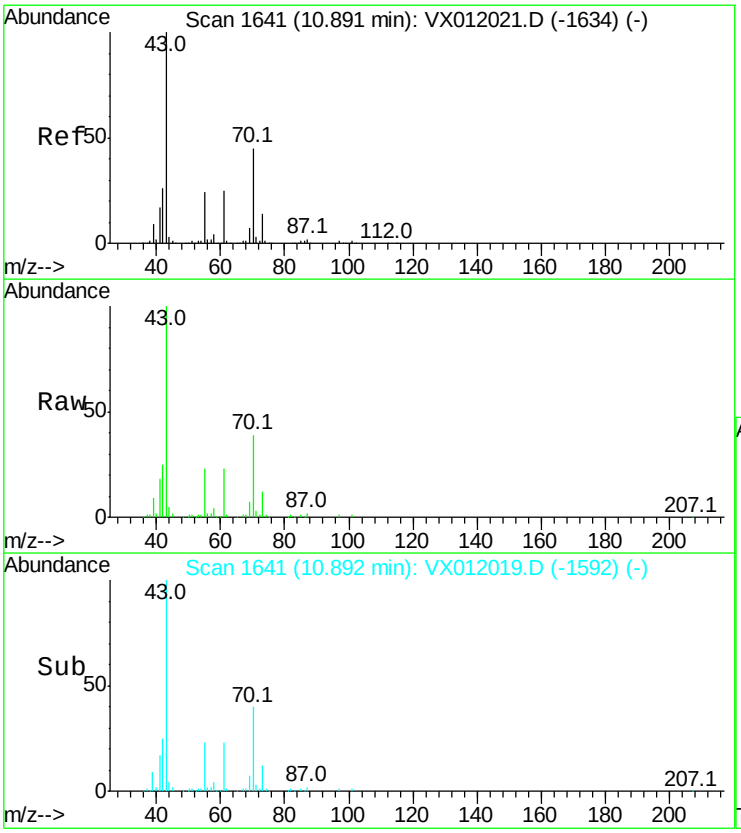

#73
Isopropylbenzene
Concen: 13.809 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC010

Tgt Ion:105 Resp: 94374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.7 | 12.9 | 38.7 |

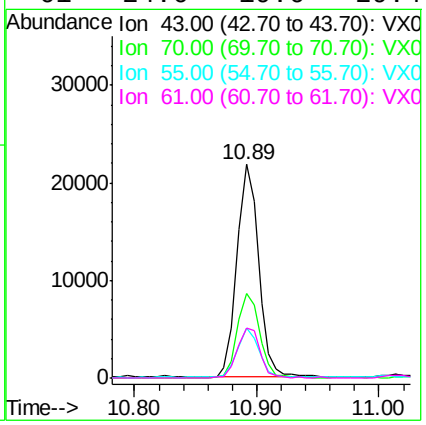


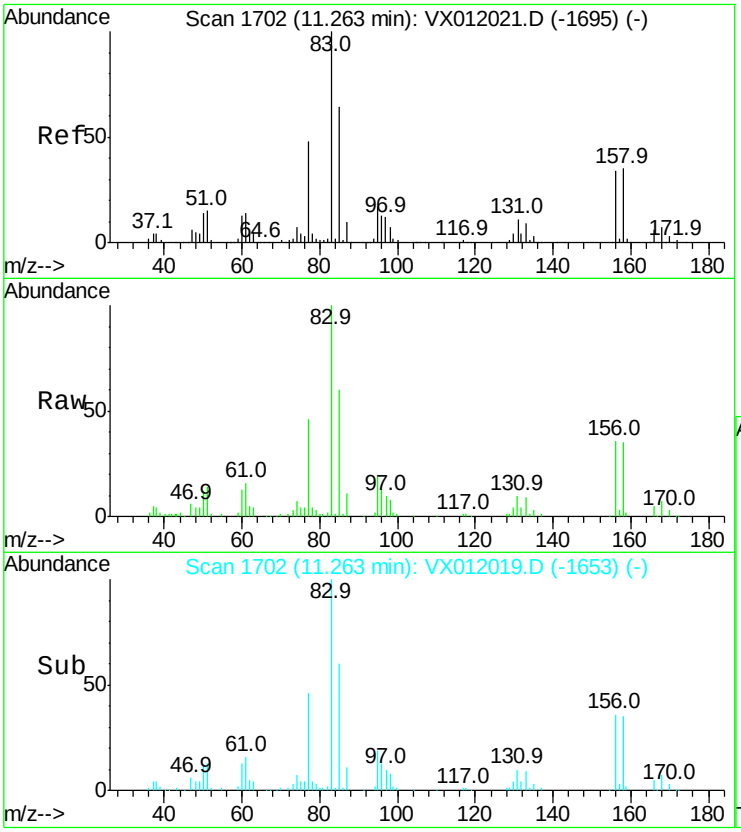




#74
N-amyl acetate
Concen: 15.731 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 43 Resp: 26807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 41.2 | 34.7 | 52.1 |
| 55 | 23.0 | 19.2 | 28.8 |
| 61 | 24.6 | 19.6 | 29.4 |



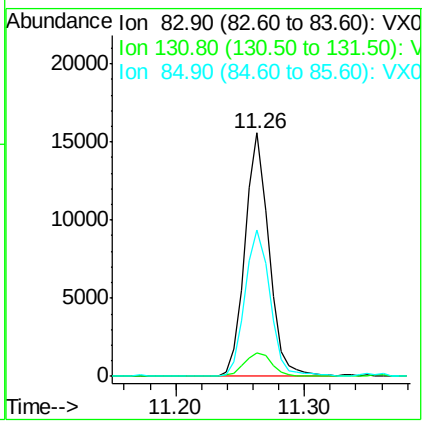


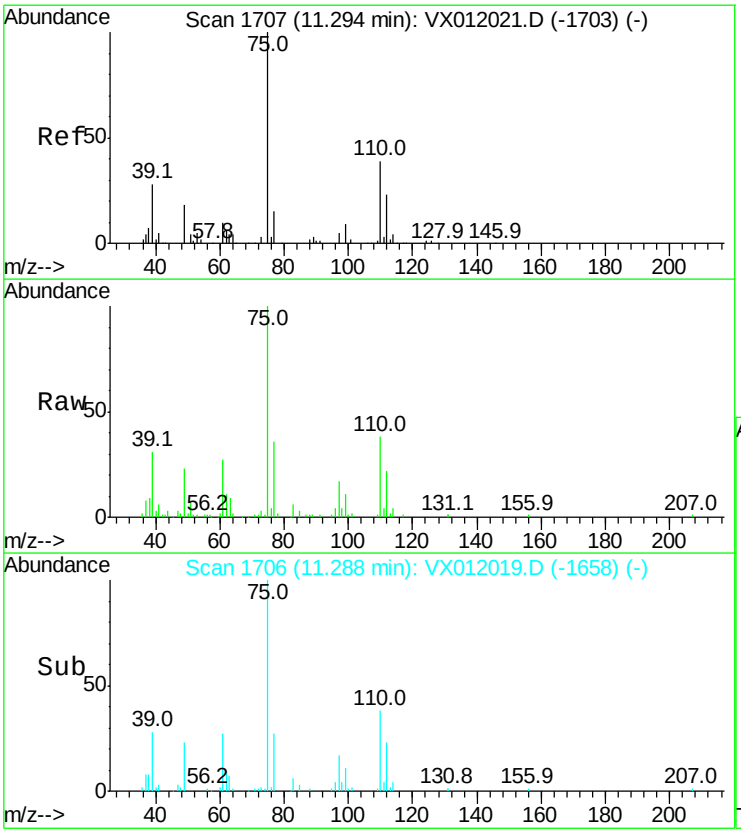

#75
1,1,2,2-Tetrachloroethane
Concen: 15.896 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC010

Tgt Ion: 83 Resp: 19888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.2 | 5.5 | 16.4 |
| 85 | 63.3 | 32.2 | 96.6 |

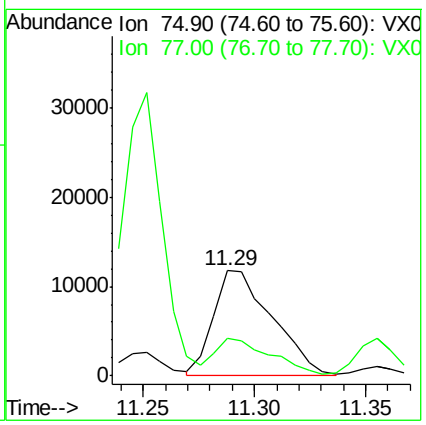


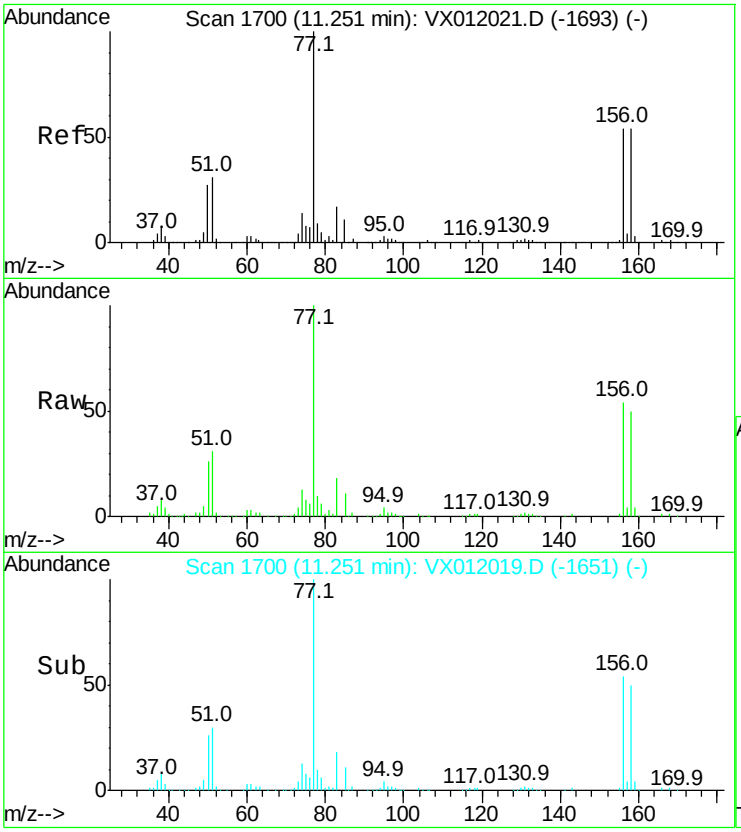




#76
1,2,3-Trichloropropane
Concen: 22.397 ug/l
RT: 11.29 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 75 Resp: 21712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.8 | 22.6 | 67.8 |



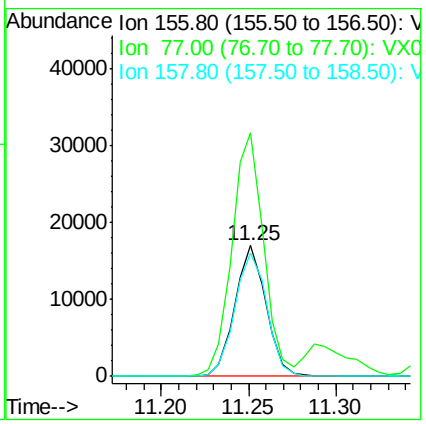


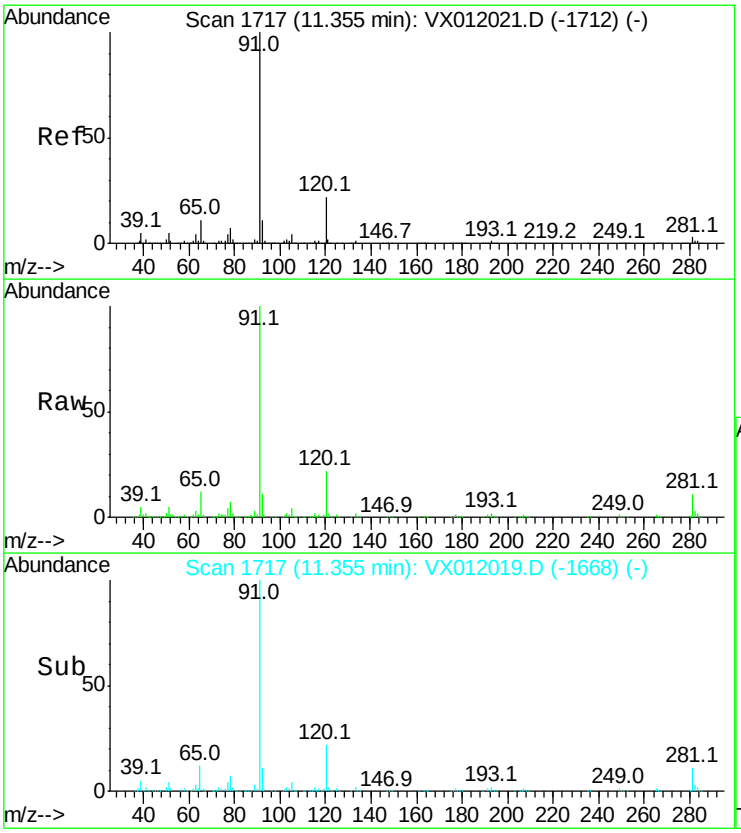

#77
Bromobenzene
Concen: 10.507 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion:156 Resp: 20995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 190.3 | 93.5 | 280.6 |
| 158 | 97.4 | 47.9 | 143.7 |

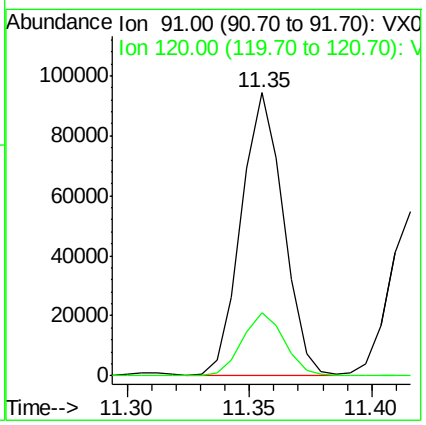


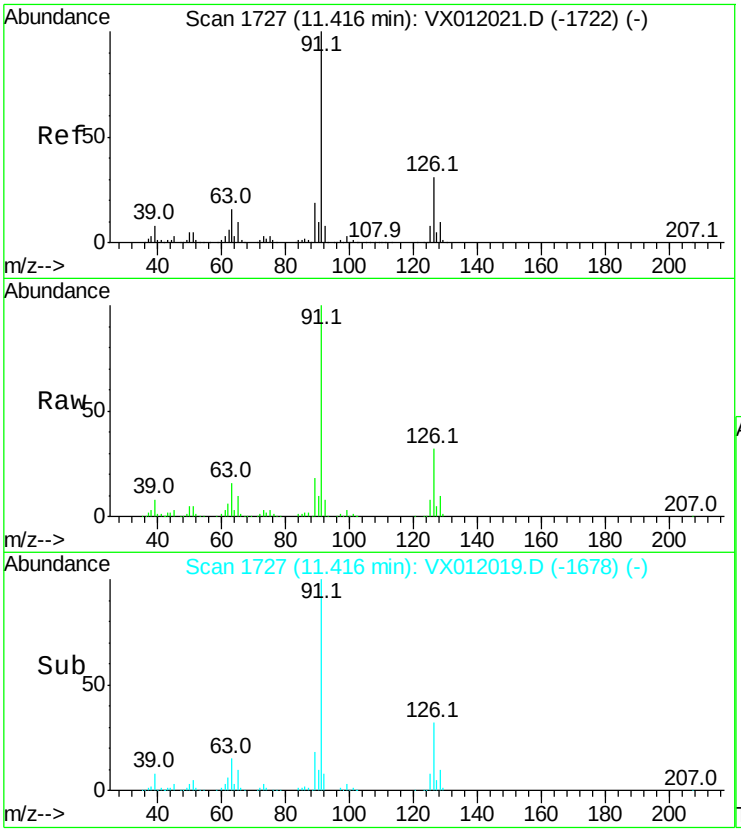




#78
n-propylbenzene
Concen: 14.615 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 91 Resp: 112392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.5 | 11.1 | 33.1 |



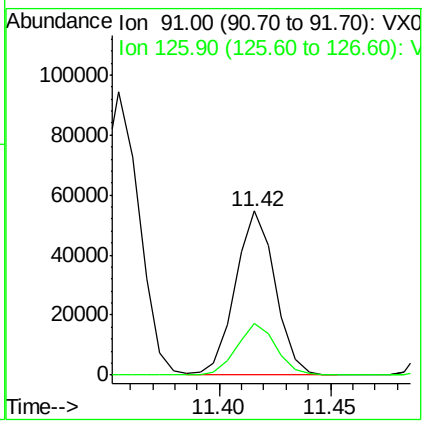


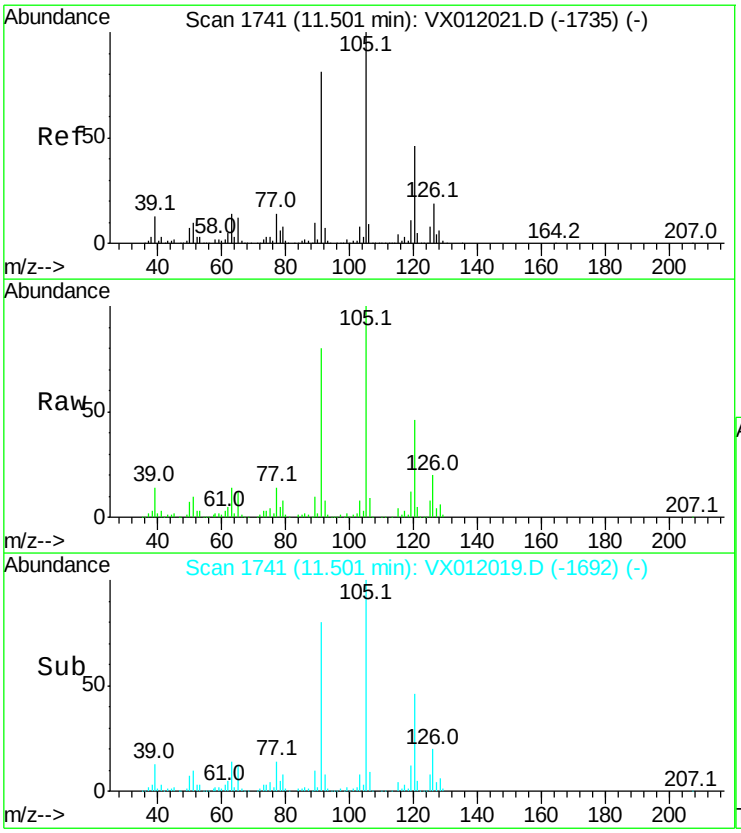

#79
2-Chlorotoluene
Concen: 14.860 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 91 Resp: 67656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 31.6 | 15.9 | 47.7 |

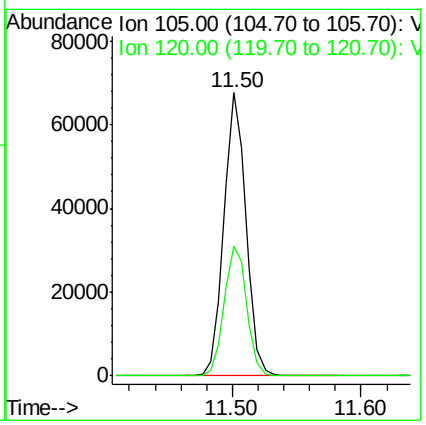


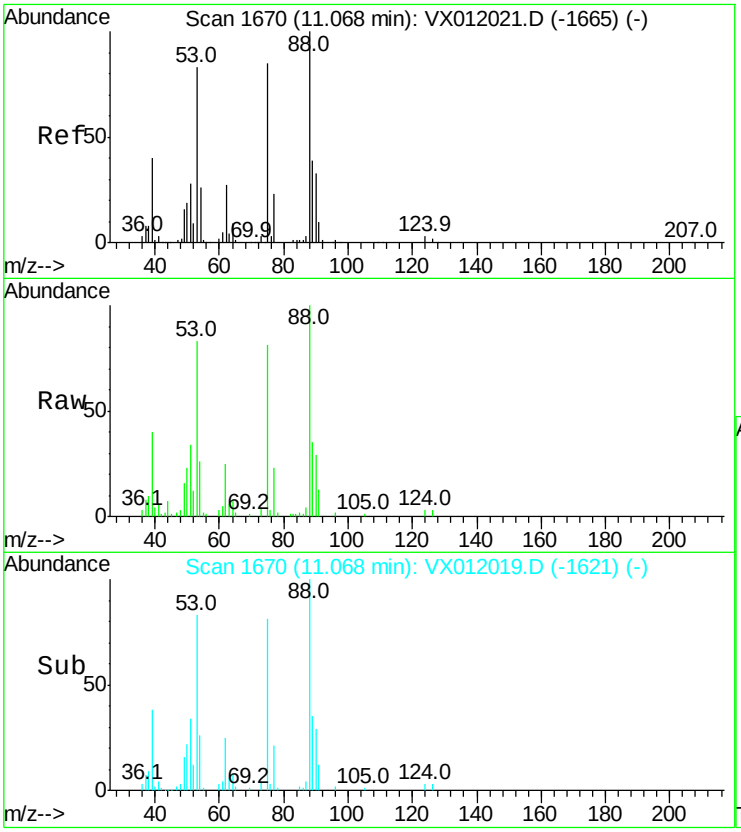




#80
1,3,5-Trimethylbenzene
Concen: 13.909 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion:105 Resp: 81999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.6 | 23.8 | 71.2 |



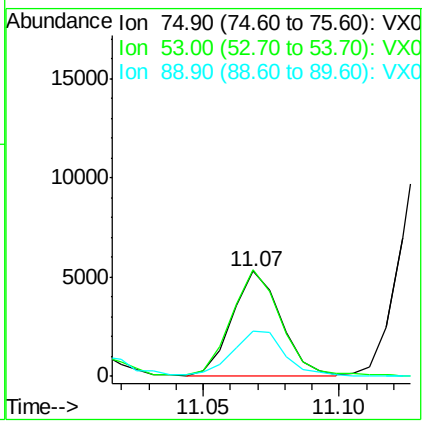


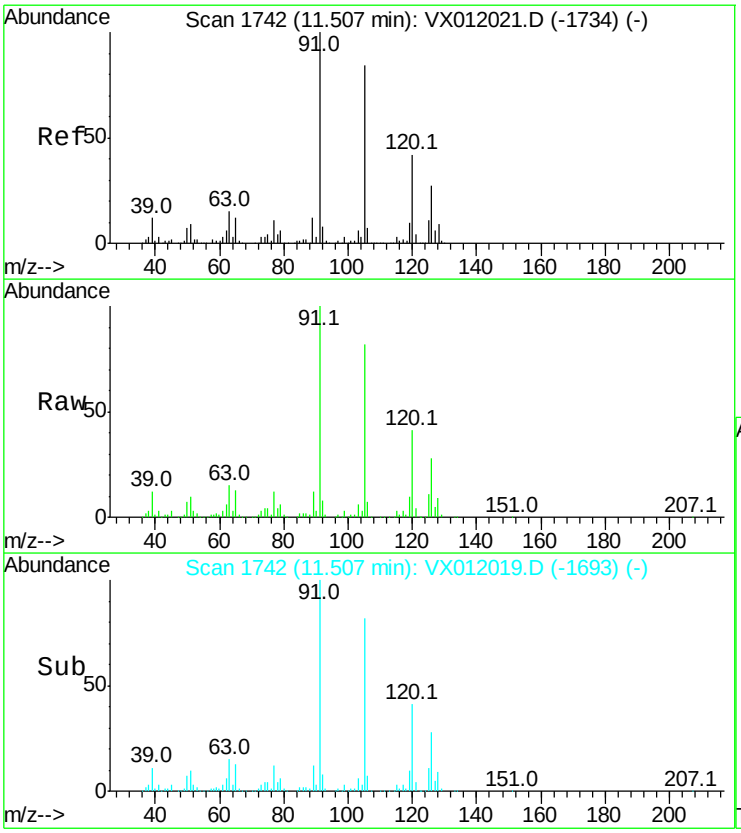

#81
trans-1,4-Dichloro-2-butene
Concen: 16.141 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 75 Resp: 6633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 103.7 | 80.8 | 121.2 |
| 89 | 46.8 | 38.2 | 57.4 |

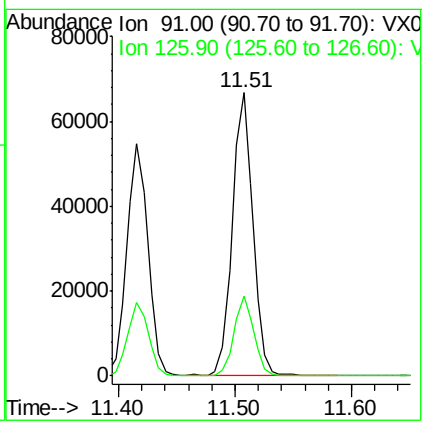


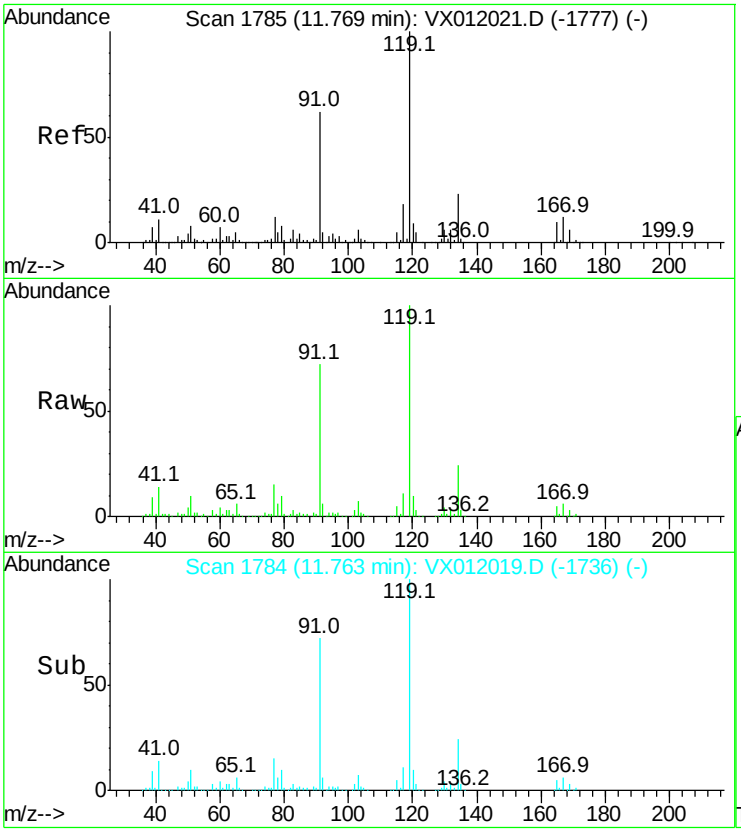




#82
4-Chlorotoluene
Concen: 14.993 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 91 Resp: 81908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 27.5 | 13.5 | 40.4 |



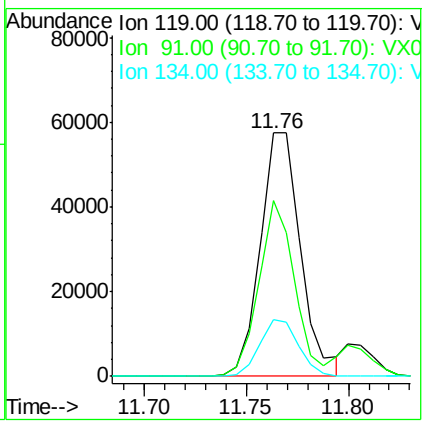


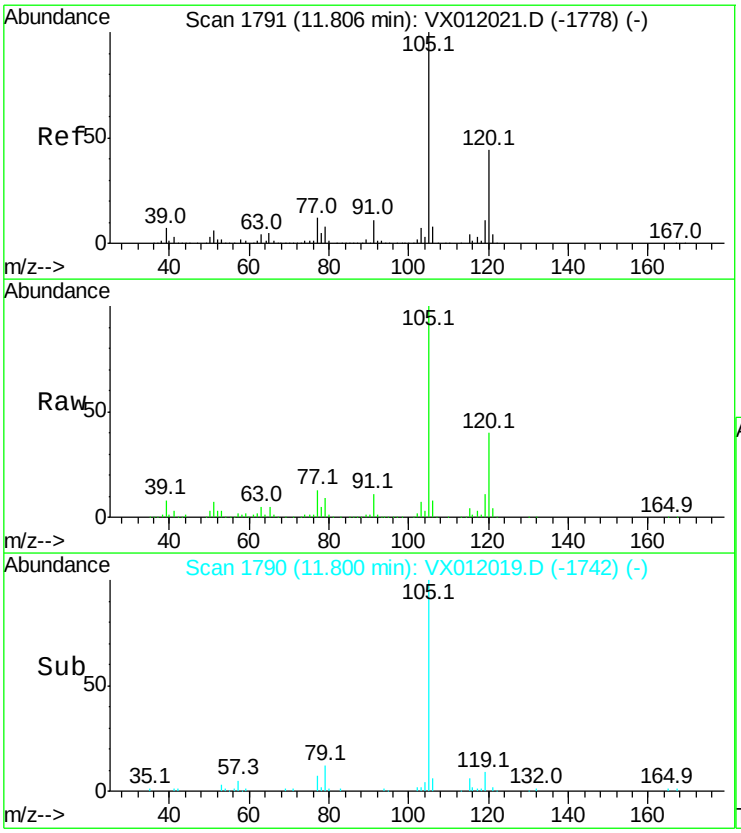

#83
tert-Butylbenzene
Concen: 13.014 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion:119 Resp: 79302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 63.7 | 31.7 | 95.1 |
| 134 | 22.6 | 11.2 | 33.6 |

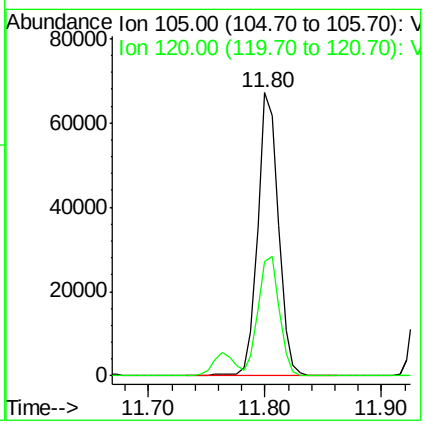


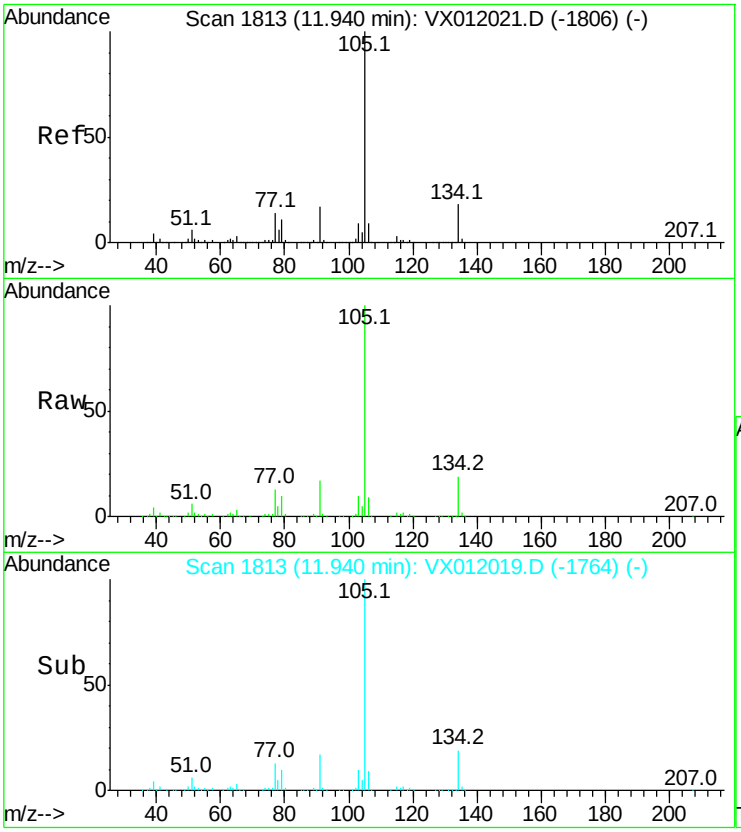




#84
1,2,4-Trimethylbenzene
Concen: 14.006 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion:105 Resp: 83675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.6 | 21.5 | 64.5 |



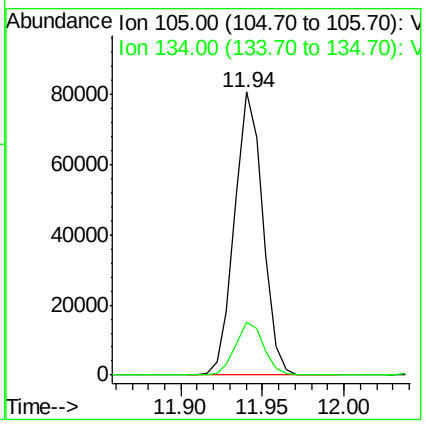


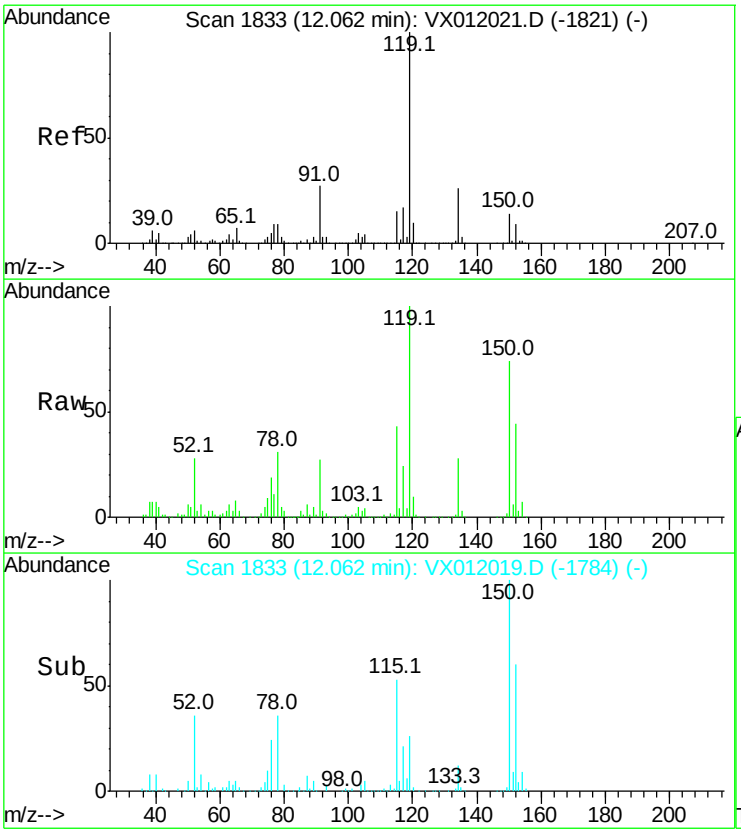

#85
sec-Butylbenzene
Concen: 13.928 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC010

Tgt Ion:105 Resp: 97484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.0 | 9.6 | 28.8 |

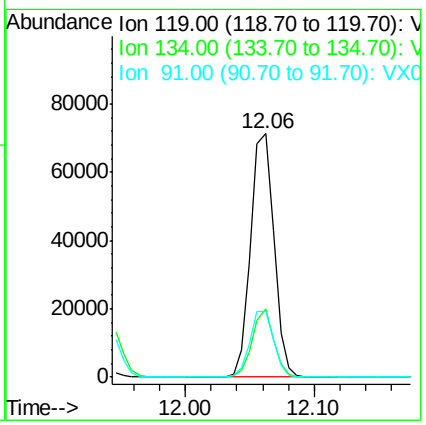


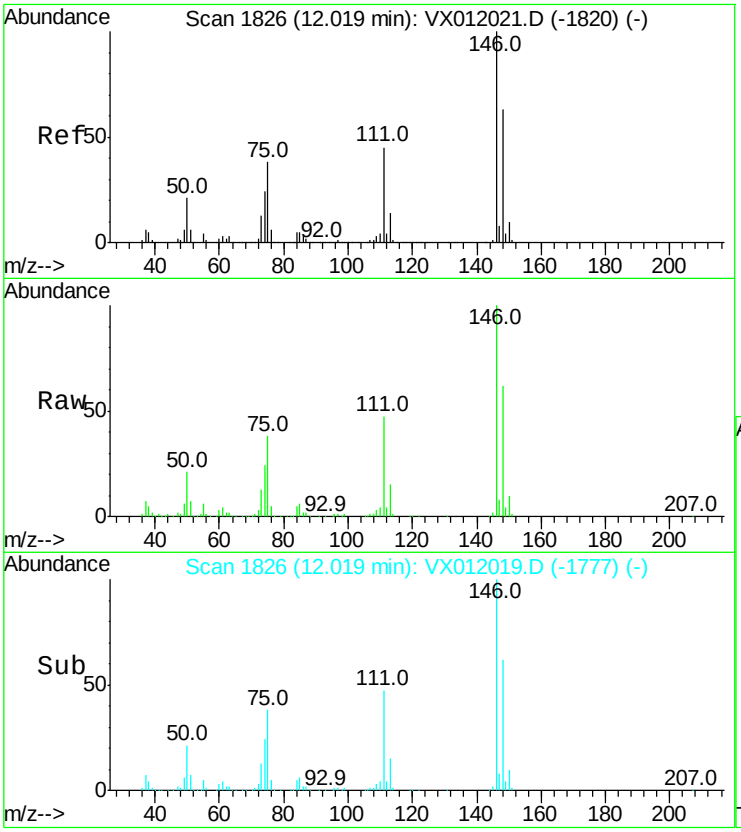




#86
p-Isopropyltoluene
Concen: 12.931 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion:119 Resp: 88616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.7 | 12.8 | 38.3 |
| 91 | 27.6 | 13.3 | 39.8 |



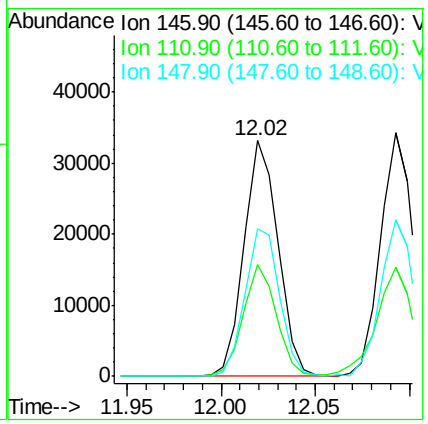


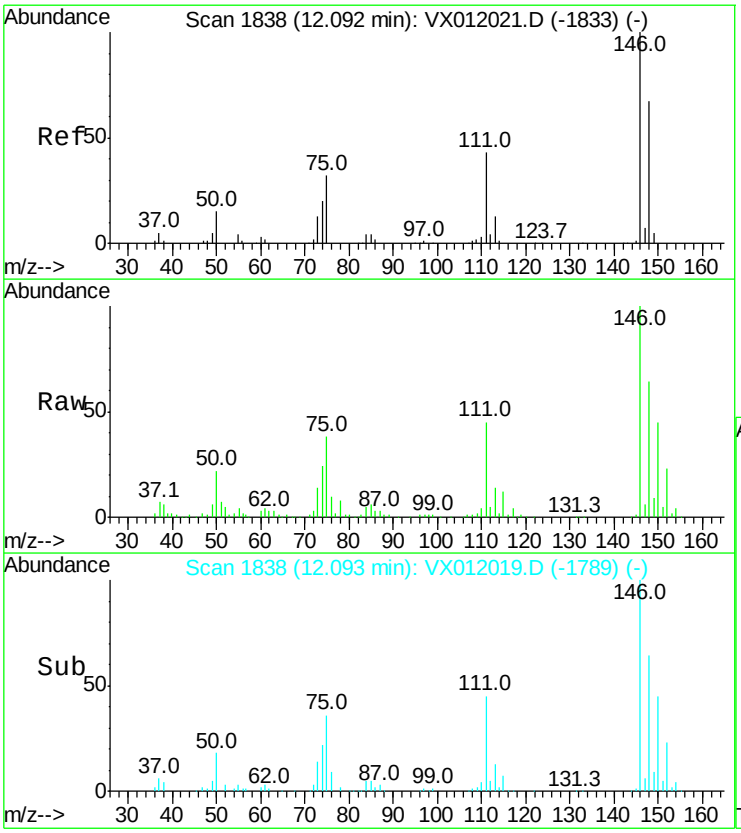

#87
1,3-Dichlorobenzene
Concen: 11.124 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion:146 Resp: 41685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 46.4 | 22.4 | 67.2 |
| 148 | 63.8 | 31.8 | 95.3 |

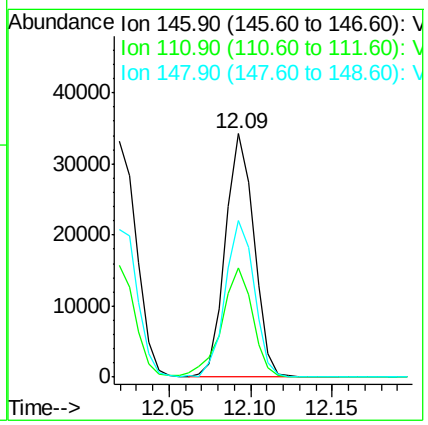


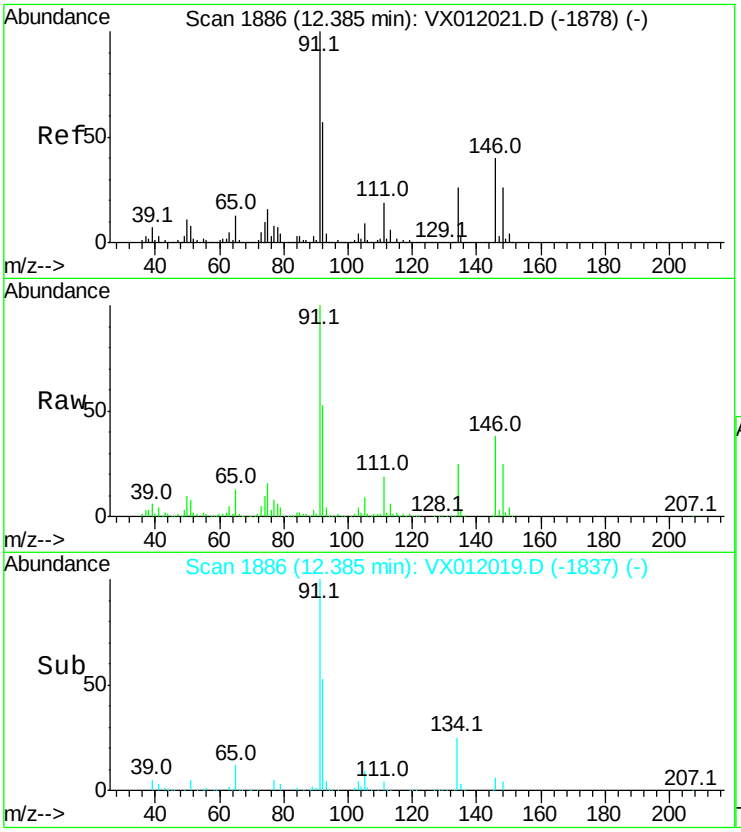




#88
1,4-Dichlorobenzene
Concen: 11.284 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion:146 Resp: 42012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 48.8 | 21.8 | 65.3 |
| 148 | 65.0 | 32.3 | 96.8 |



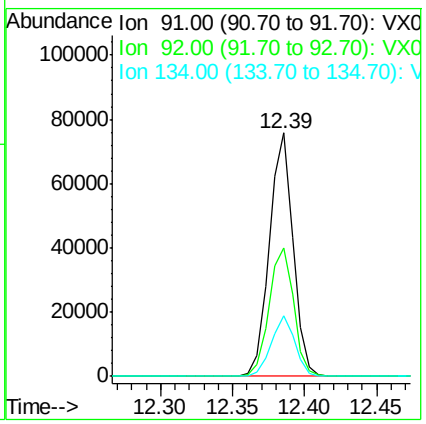


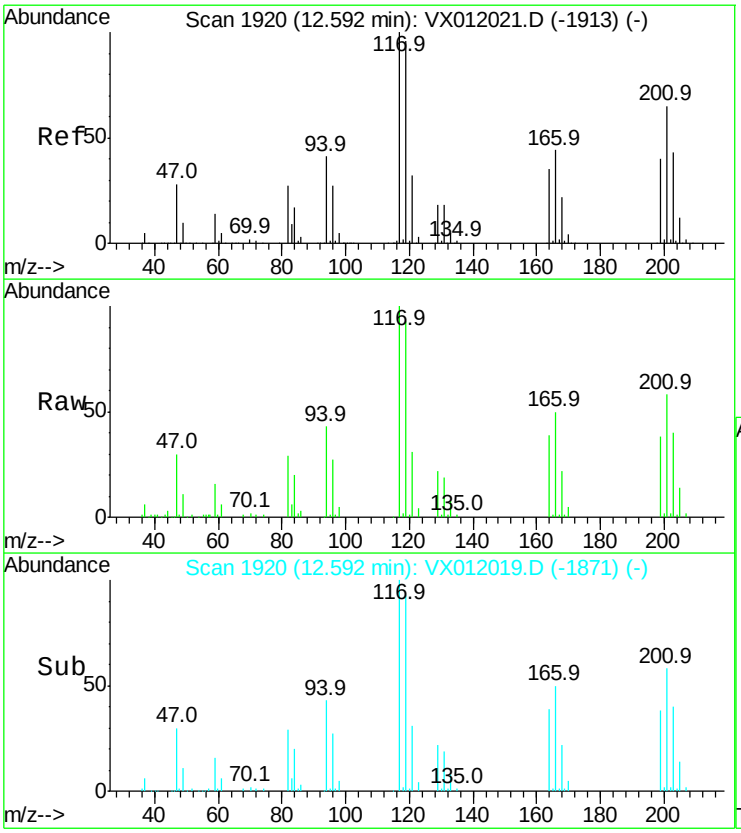

#89
n-Butylbenzene
Concen: 14.563 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion: 91 Resp: 86432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.6 | 28.1 | 84.3 |
| 134 | 24.7 | 12.9 | 38.7 |

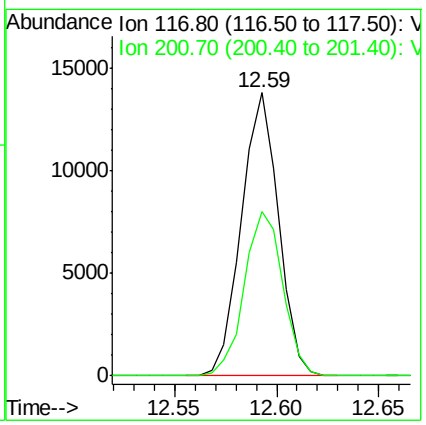


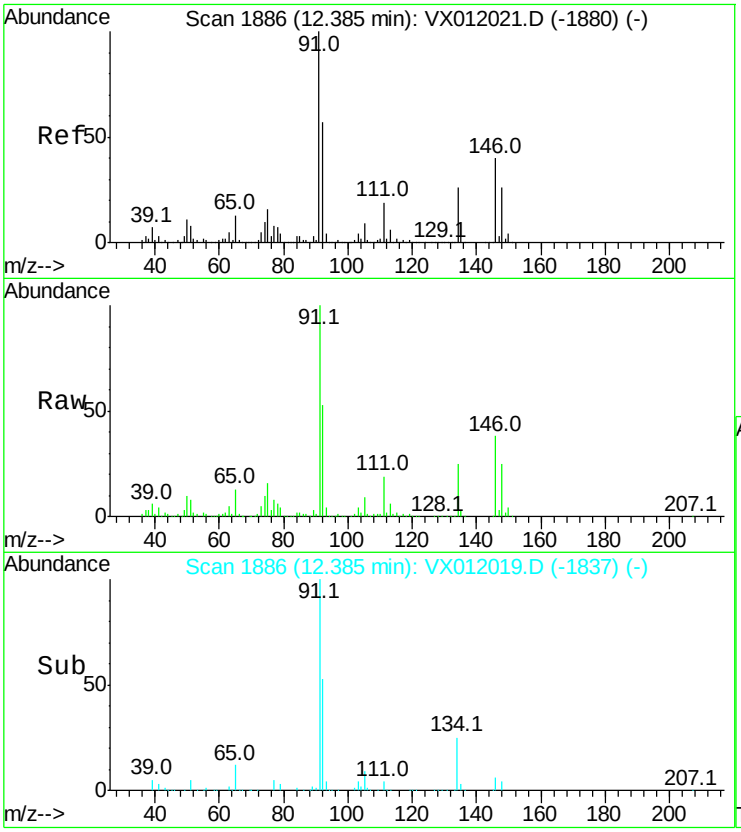




#90
Hexachloroethane
Concen: 13.534 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion:117 Resp: 17413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 60.4 | 32.6 | 97.8 |



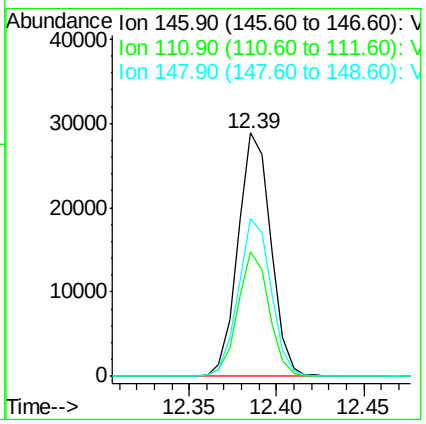


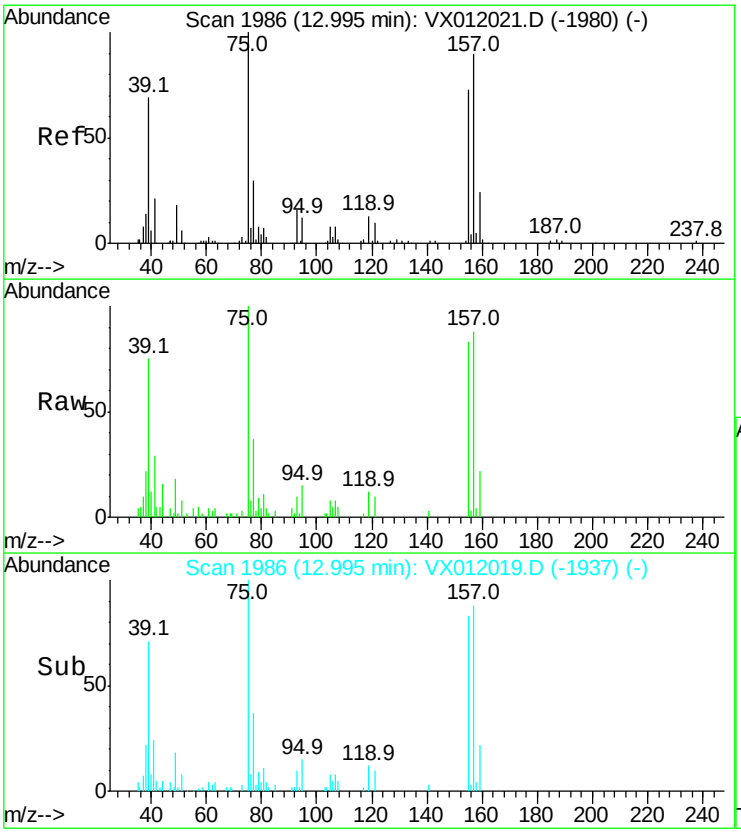

#91
1,2-Dichlorobenzene
Concen: 11.111 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion:146 Resp: 37590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 49.0 | 23.3 | 69.9 |
| 148 | 64.5 | 32.0 | 96.0 |

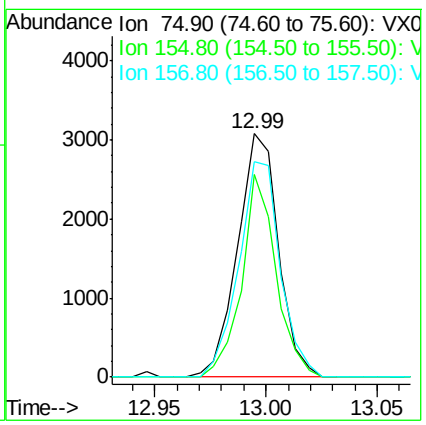


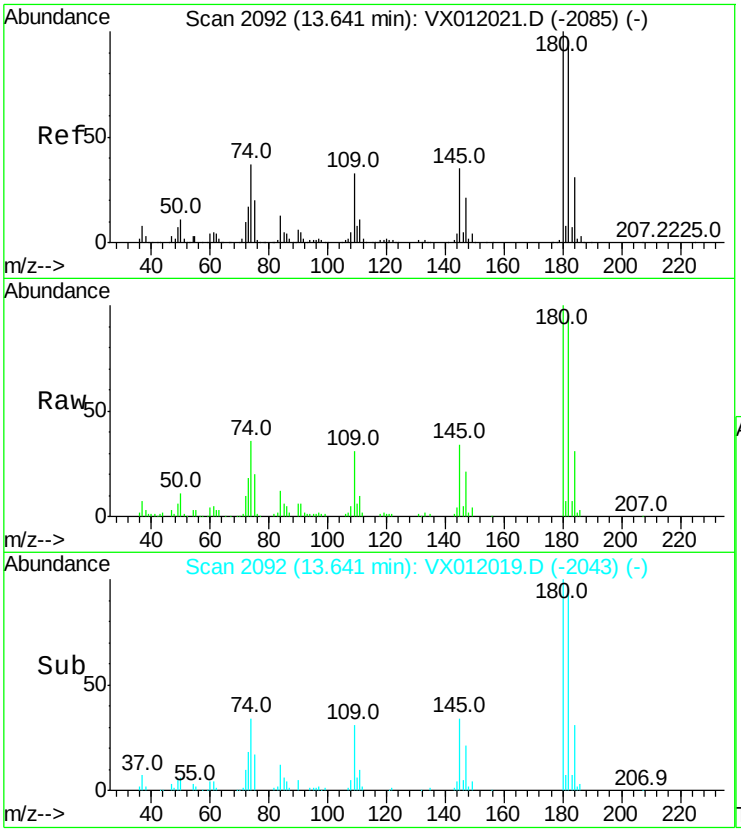




#92
1,2-Dibromo-3-Chloropropane
Concen: 16.064 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion: 75 Resp: 3946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 69.9 | 35.5 | 106.5 |
| 157 | 90.2 | 44.8 | 134.3 |



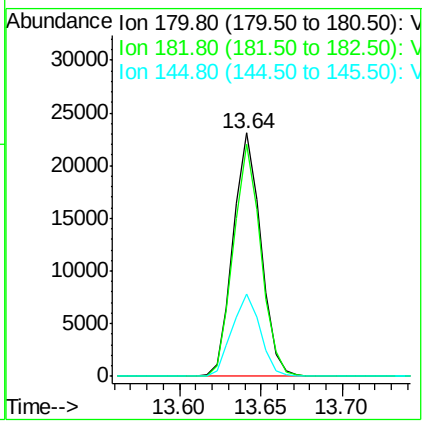


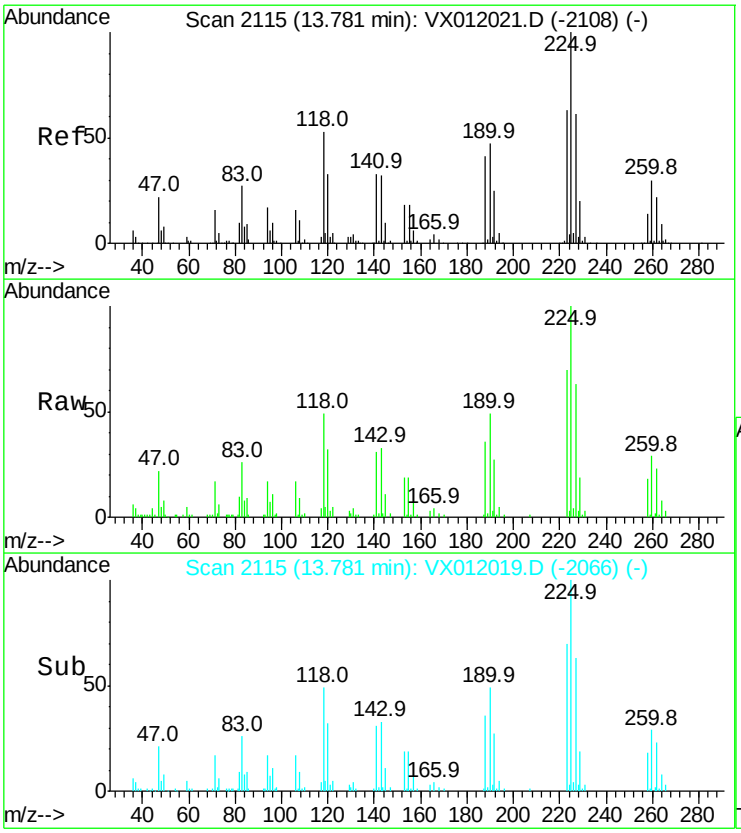

#93
1,2,4-Trichlorobenzene
Concen: 9.323 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC010

Tgt Ion:180 Resp: 27444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.8 | 46.8 | 140.3 |
| 145 | 34.7 | 17.5 | 52.6 |

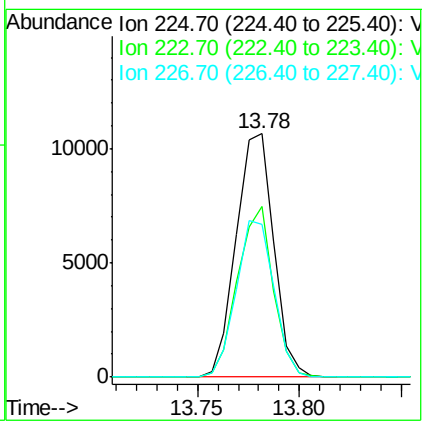


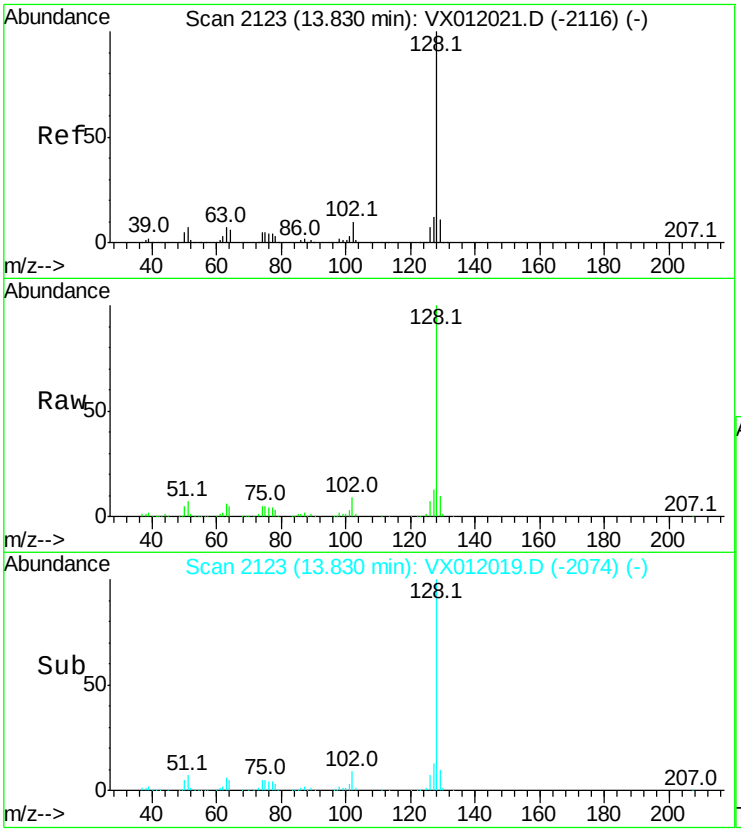




#94
Hexachlorobutadiene
Concen: 6.622 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion:225 Resp: 13619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 66.5 | 33.0 | 98.9 |
| 227 | 64.7 | 30.6 | 91.8 |



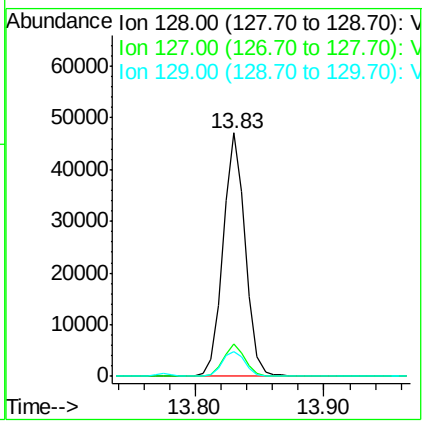


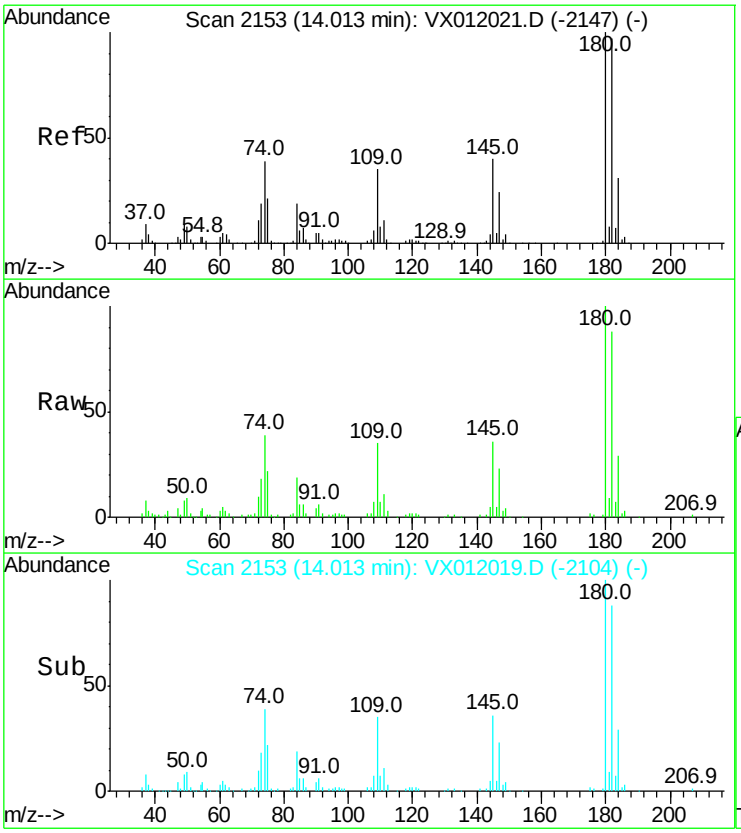

#95
Naphthalene
Concen: 12.542 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC010

Tgt Ion:128 Resp: 56768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.9 | 10.0 | 15.0 |
| 129 | 10.6 | 8.8 | 13.2 |




#96
1,2,3-Trichlorobenzene
Concen: 9.060 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012019.D
Acq: 03 Sep 2019 13:13

Tgt Ion:180 Resp: 23451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.6 | 47.1 | 141.3 |
| 145 | 38.7 | 18.4 | 55.2 |