Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY091919\
Data File : VY000094.D
Acq On : 19 Sep 2019 21:44
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050EC

Quant Time: Sep 20 01:59:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 05:38:39 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.79 | 168 | 83690 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.70 | 114 | 173790 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.49 | 117 | 158083 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152 | 71694 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.15 | 65 | 59096 | 61.38 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 122.76% | | | | |
| 35) Dibromofluoromethane | 7.72 | 113 | 55425 | 52.67 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 105.34% | | | | |
| 50) Toluene-d8 | 10.18 | 98 | 214297 | 51.85 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 103.70% | | | | |
| 62) 4-Bromofluorobenzene | 12.48 | 95 | 78470 | 51.14 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.28% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.90 | 85 | 29273 | 50.786 | ug/l | | 100 |
| 3) Chloromethane | 2.11 | 50 | 35199 | 45.861 | ug/l | # | 88 |
| 4) Vinyl Chloride | 2.25 | 62 | 39737 | 42.553 | ug/l | | 99 |
| 5) Bromomethane | 2.64 | 94 | 29817 | 51.964 | ug/l | | 83 |
| 6) Chloroethane | 2.79 | 64 | 29583 | 47.261 | ug/l | | 94 |
| 7) Trichlorofluoromethane | 3.12 | 101 | 58394 | 45.226 | ug/l | | 94 |
| 8) Diethyl Ether | 3.53 | 74 | 34742 | 62.843 | ug/l | | 96 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.90 | 101 | 44186 | 49.882 | ug/l | | 97 |
| 10) Methyl Iodide | 4.09 | 142 | 45266 | 49.139 | ug/l | | 99 |
| 11) Tert butyl alcohol | 4.97 | 59 | 32635 | 285.901 | ug/l | | 99 |
| 12) 1,1-Dichloroethene | 3.87 | 96 | 39377 | 48.222 | ug/l | | 92 |
| 13) Acrolein | 3.73 | 56 | 10483 | 176.192 | ug/l | | 91 |
| 14) Allyl chloride | 4.48 | 41 | 64905 | 52.005 | ug/l | | 99 |
| 15) Acrylonitrile | 5.17 | 53 | 97742 | 294.838 | ug/l | | 100 |
| 16) Acetone | 3.95 | 43 | 61033 | 272.243 | ug/l | | 100 |
| 17) Carbon Disulfide | 4.20 | 76 | 68351 | 47.412 | ug/l | # | 92 |
| 18) Methyl Acetate | 4.48 | 43 | 43848 | 58.543 | ug/l | | 94 |
| 19) Methyl tert-butyl Ether | 5.23 | 73 | 159789 | 62.617 | ug/l | | 97 |
| 20) Methylene Chloride | 4.71 | 84 | 64575 | 61.231 | ug/l | | 93 |
| 21) trans-1,2-Dichloroethene | 5.22 | 96 | 46559 | 51.292 | ug/l | | 92 |
| 22) Diisopropyl ether | 6.12 | 45 | 172758 | 61.266 | ug/l | | 96 |
| 23) Vinyl Acetate | 6.07 | 43 | 560633 | 297.066 | ug/l | | 96 |
| 24) 1,1-Dichloroethane | 6.02 | 63 | 92798 | 55.602 | ug/l | | 96 |
| 25) 2-Butanone | 6.99 | 43 | 111888 | 275.547 | ug/l | | 94 |
| 26) 2,2-Dichloropropane | 6.99 | 77 | 71736 | 45.545 | ug/l | | 97 |
| 27) cis-1,2-Dichloroethene | 6.99 | 96 | 62776 | 54.621 | ug/l | | 98 |
| 28) Bromochloromethane | 7.34 | 49 | 48667 | 62.908 | ug/l | | 93 |
| 29) Tetrahydrofuran | 7.35 | 42 | 69877 | 286.655 | ug/l | | 99 |
| 30) Chloroform | 7.51 | 83 | 96775 | 56.188 | ug/l | | 90 |
| 31) Cyclohexane | 7.78 | 56 | 59718 | 50.467 | ug/l | | 93 |
| 32) 1,1,1-Trichloroethane | 7.71 | 97 | 74069 | 52.946 | ug/l | | 98 |
| 36) 1,1-Dichloropropene | 7.92 | 75 | 58091 | 44.703 | ug/l | | 98 |
| 37) Ethyl Acetate | 7.08 | 43 | 48076 | 55.503 | ug/l | | 96 |
| 38) Carbon Tetrachloride | 7.90 | 117 | 59015 | 48.118 | ug/l | | 97 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY091919\
Data File : VY000094.D
Acq On : 19 Sep 2019 21:44
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050EC

Quant Time: Sep 20 01:59:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 05:38:39 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.18 | 83 | 71780 | 44.922 ug/l | | 97 |
| 40) Benzene | 8.16 | 78 | 219489 | 51.139 ug/l | | 95 |
| 41) Methacrylonitrile | 7.35 | 41 | 66148 | 116.190 ug/l | # | 39 |
| 42) 1,2-Dichloroethane | 8.24 | 62 | 64509 | 56.743 ug/l | | 99 |
| 43) Isopropyl Acetate | 8.28 | 43 | 95860 | 56.587 ug/l | | 98 |
| 44) Trichloroethene | 8.94 | 130 | 52484 | 47.866 ug/l | | 99 |
| 45) 1,2-Dichloropropane | 9.22 | 63 | 59747 | 53.738 ug/l | | 94 |
| 46) Dibromomethane | 9.31 | 93 | 33072 | 54.458 ug/l | | 98 |
| 47) Bromodichloromethane | 9.49 | 83 | 80886 | 54.888 ug/l | | 94 |
| 48) Methyl methacrylate | 9.29 | 41 | 41457 | 55.646 ug/l | | 100 |
| 49) 1,4-Dioxane | 9.30 | 88 | 11818 | 1002.303 ug/l | # | 94 |
| 51) 4-Methyl-2-Pentanone | 10.07 | 43 | 257012 | 277.876 ug/l | | 99 |
| 52) Toluene | 10.24 | 92 | 137303 | 50.352 ug/l | | 97 |
| 53) t-1,3-Dichloropropene | 10.46 | 75 | 85380 | 54.643 ug/l | | 93 |
| 54) cis-1,3-Dichloropropene | 9.93 | 75 | 96219 | 53.326 ug/l | | 96 |
| 55) 1,1,2-Trichloroethane | 10.65 | 97 | 53763 | 56.468 ug/l | | 99 |
| 56) Ethyl methacrylate | 10.51 | 69 | 75787 | 55.939 ug/l | | 99 |
| 57) 1,3-Dichloropropane | 10.79 | 76 | 87856 | 54.933 ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 9.79 | 63 | 218929 | 298.932 ug/l | | 99 |
| 59) 2-Hexanone | 10.84 | 43 | 176103 | 266.885 ug/l | | 99 |
| 60) Dibromochloromethane | 10.98 | 129 | 56868 | 57.013 ug/l | | 97 |
| 61) 1,2-Dibromoethane | 11.09 | 107 | 49182 | 56.555 ug/l | | 99 |
| 64) Tetrachloroethene | 10.71 | 164 | 50782 | 51.181 ug/l | | 96 |
| 65) Chlorobenzene | 11.51 | 112 | 155367 | 49.687 ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 11.59 | 131 | 55558 | 52.549 ug/l | | 98 |
| 67) Ethyl Benzene | 11.59 | 91 | 270030 | 48.389 ug/l | | 98 |
| 68) m/p-Xylenes | 11.70 | 106 | 208663 | 98.269 ug/l | | 100 |
| 69) o-Xylene | 12.02 | 106 | 104950 | 51.045 ug/l | | 95 |
| 70) Styrene | 12.04 | 104 | 185770 | 51.468 ug/l | | 99 |
| 71) Bromoform | 12.21 | 173 | 31721 | 51.826 ug/l | # | 96 |
| 73) Isopropylbenzene | 12.33 | 105 | 263533 | 45.611 ug/l | | 99 |
| 74) N-amyl acetate | 12.14 | 43 | 88040 | 53.487 ug/l | | 97 |
| 75) 1,1,2,2-Tetrachloroethane | 12.58 | 83 | 67883 | 49.911 ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 12.63 | 75 | 85017 | 84.281 ug/l | # | 100 |
| 77) Bromobenzene | 12.60 | 156 | 60391 | 50.056 ug/l | | 97 |
| 78) n-propylbenzene | 12.67 | 91 | 323791 | 45.942 ug/l | | 100 |
| 79) 2-Chlorotoluene | 12.76 | 91 | 183708 | 46.624 ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 12.81 | 105 | 225041 | 47.019 ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75 | 23760 | 45.301 ug/l | | 97 |
| 82) 4-Chlorotoluene | 12.85 | 91 | 190804 | 46.831 ug/l | | 96 |
| 83) tert-Butylbenzene | 13.07 | 119 | 189484 | 46.274 ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 13.12 | 105 | 228845 | 48.499 ug/l | | 100 |
| 85) sec-Butylbenzene | 13.25 | 105 | 275704 | 45.573 ug/l | | 99 |
| 86) p-Isopropyltoluene | 13.37 | 119 | 238224 | 46.455 ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 13.36 | 146 | 116639 | 48.737 ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 13.44 | 146 | 119188 | 49.561 ug/l | | 99 |
| 89) n-Butylbenzene | 13.69 | 91 | 236414 | 44.814 ug/l | | 99 |
| 90) Hexachloroethane | 13.96 | 117 | 47253 | 46.892 ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 13.74 | 146 | 114066 | 50.729 ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75 | 12291 | 50.756 ug/l | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY091919\
Data File : VY000094.D
Acq On : 19 Sep 2019 21:44
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050EC

Quant Time: Sep 20 01:59:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 05:38:39 2019
Response via : Initial Calibration

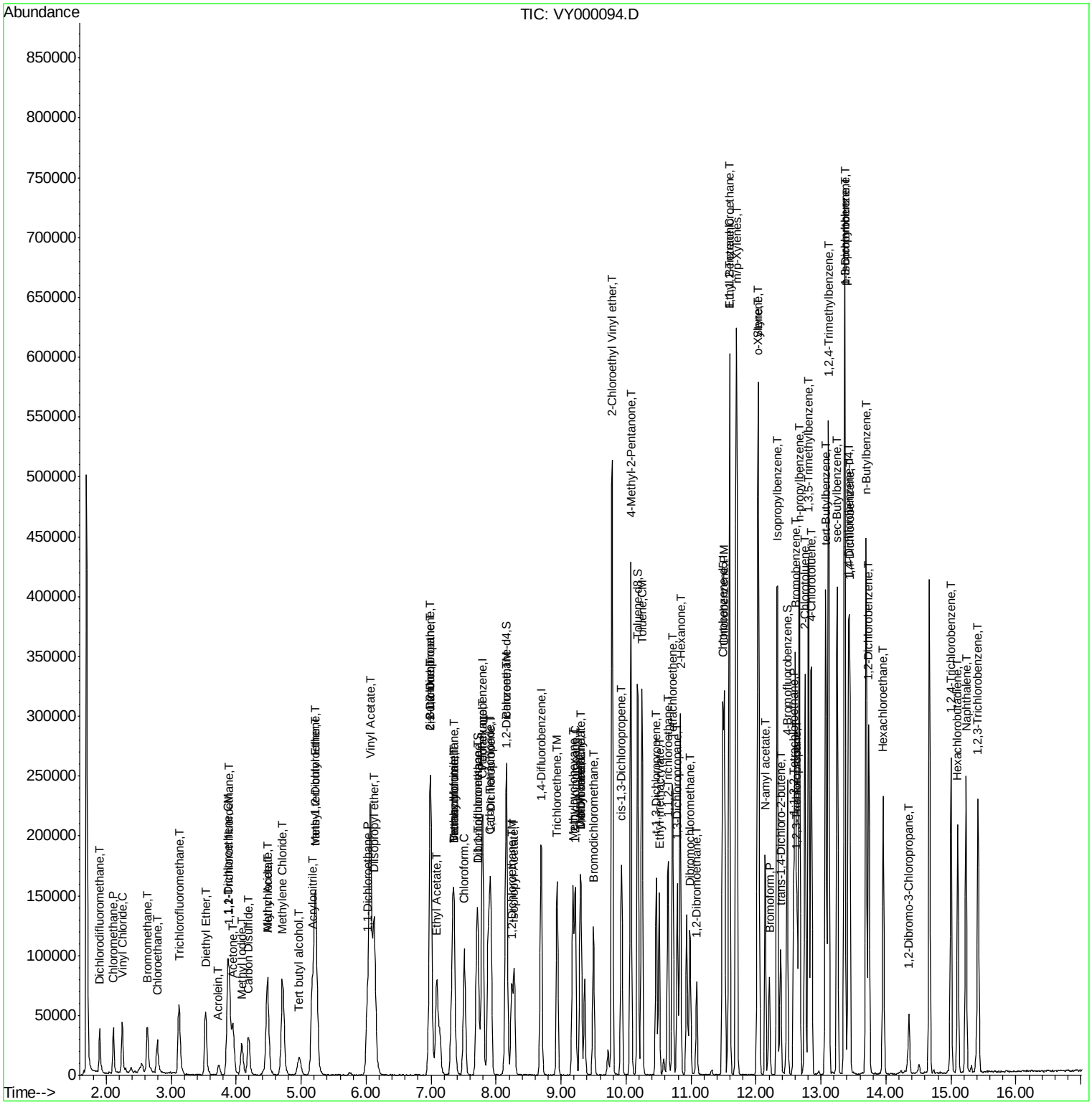
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.00 | 180 | 71073 | 52.383 | ug/l | 98 |
| 94) Hexachlorobutadiene | 15.11 | 225 | 32152 | 49.356 | ug/l | 98 |
| 95) Naphthalene | 15.23 | 128 | 196335 | 50.974 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.41 | 180 | 67000 | 51.744 | ug/l | 99 |

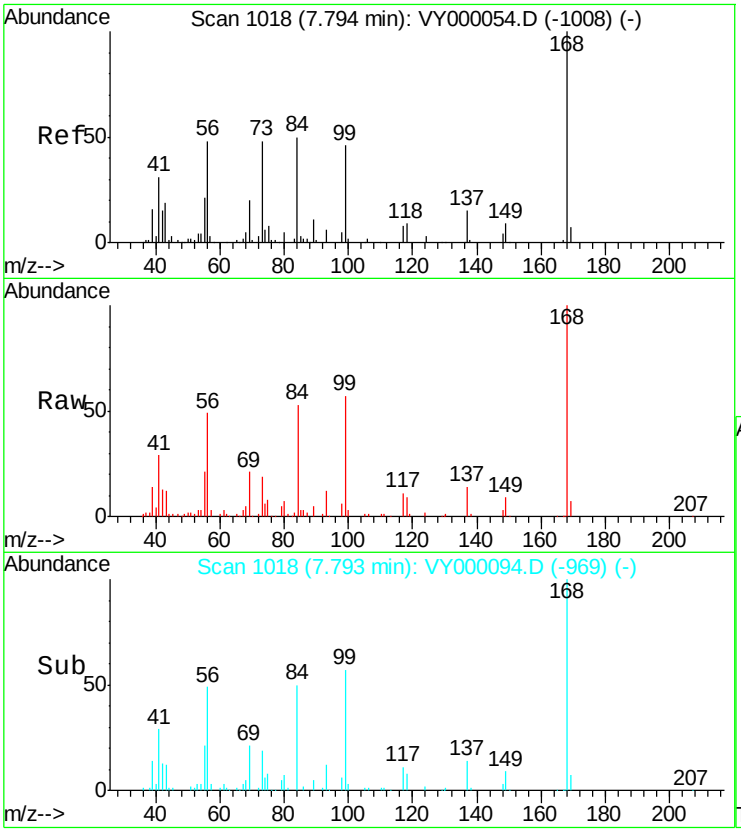
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY091919\
Data File : VY000094.D
Acq On : 19 Sep 2019 21:44
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Quant Time: Sep 20 01:59:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 05:38:39 2019
Response via : Initial Calibration



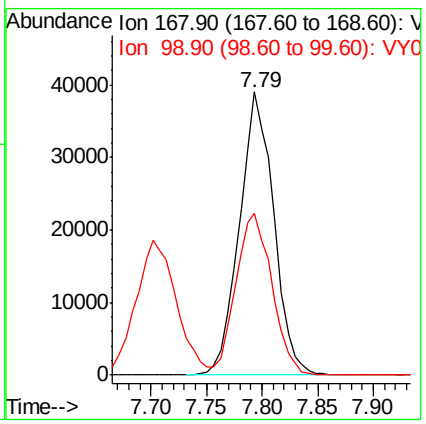


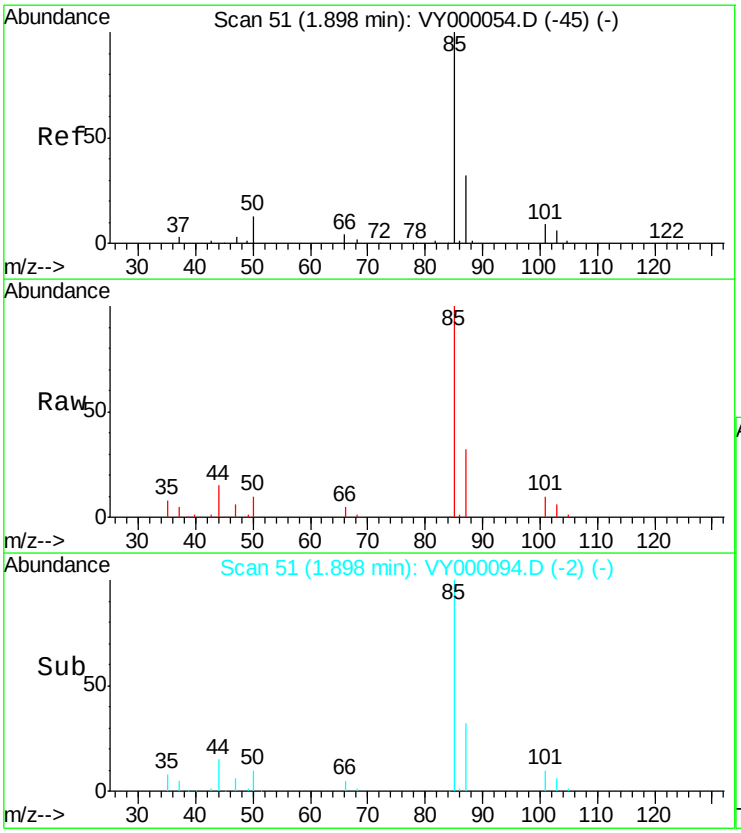

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:168 Resp: 83690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 57.1 | 44.2 | 66.2 |

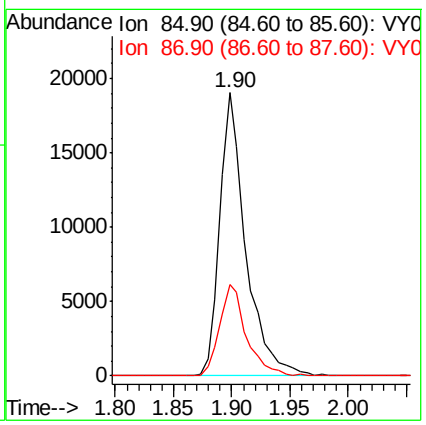


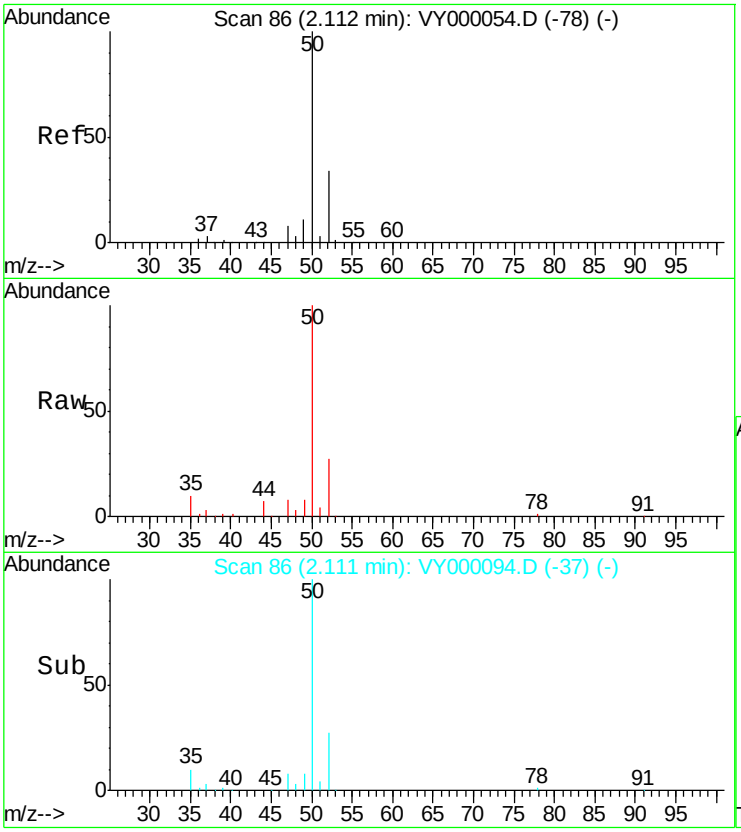




#2
Dichlorodifluoromethane
Concen: 50.786 ug/l
RT: 1.90 min Scan# 51
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 85 Resp: 29273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.1 | 16.2 | 48.5 |



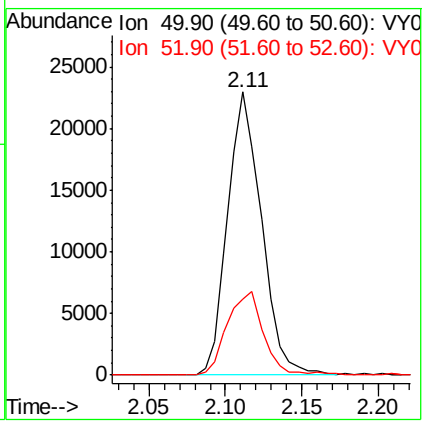


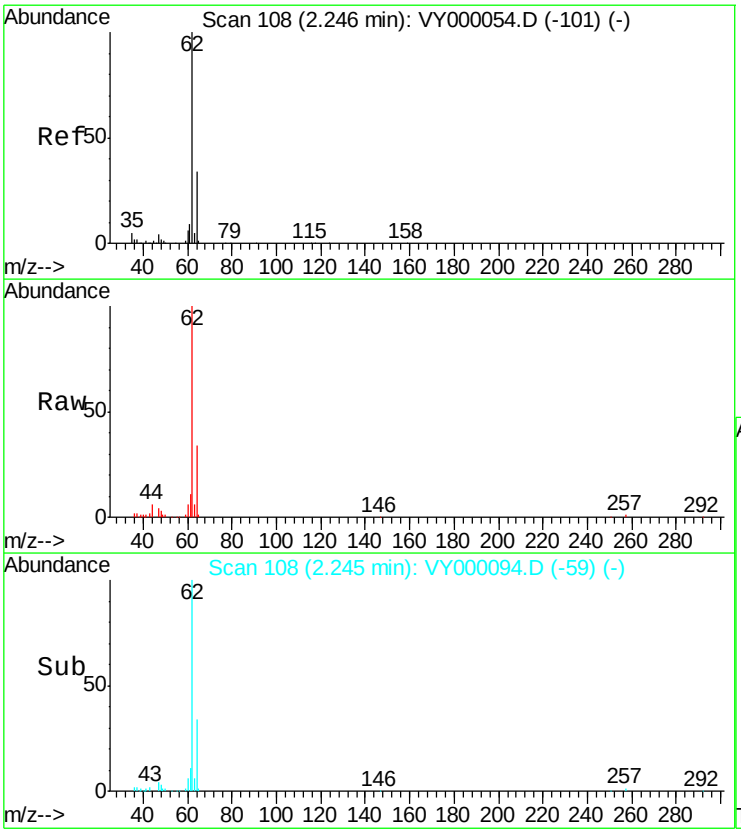

#3
Chloromethane
Concen: 45.861 ug/l
RT: 2.11 min Scan# 86
Delta R.T. 0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 50 Resp: 35199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 27.0 | 27.3 | 40.9# |

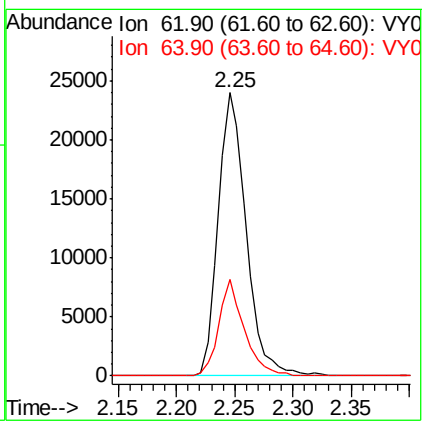


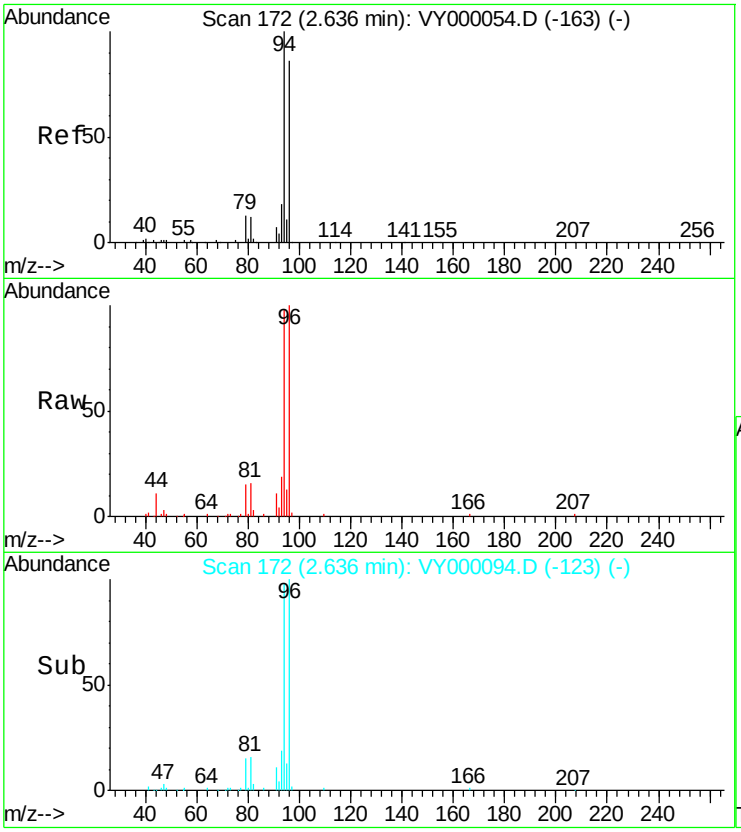




#4
Vinyl Chloride
Concen: 42.553 ug/l
RT: 2.25 min Scan# 108
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 62 Resp: 39737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 34.1 | 26.9 | 40.3 |



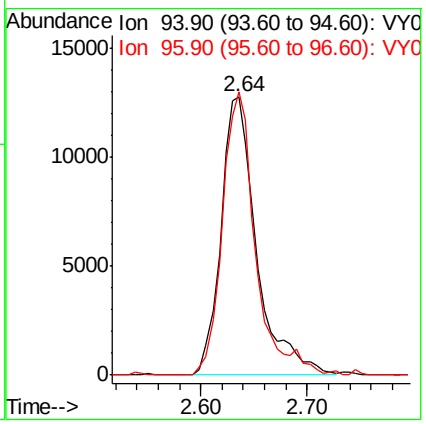


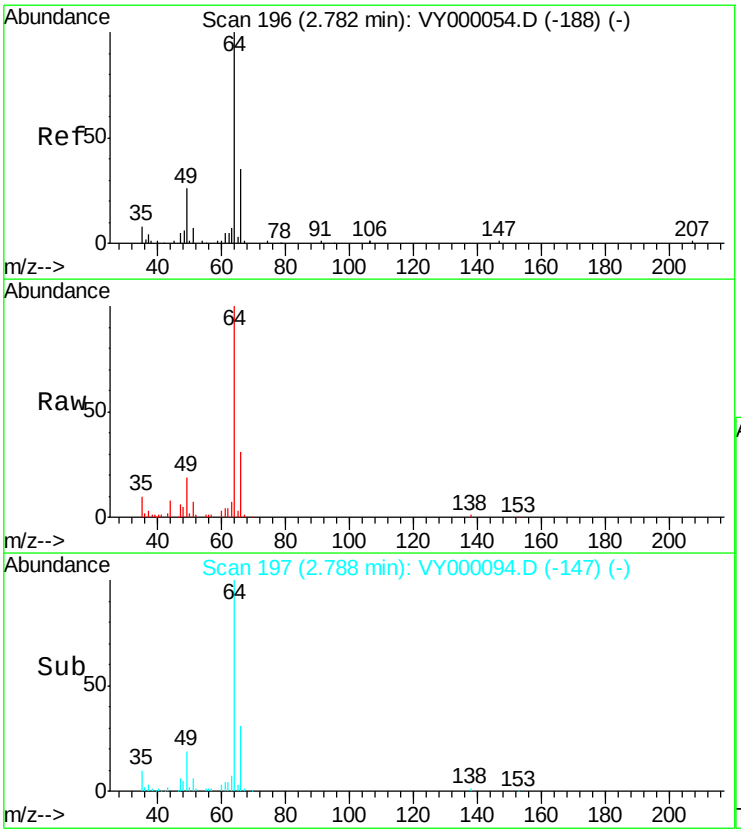

#5
Bromomethane
Concen: 51.964 ug/l
RT: 2.64 min Scan# 172
Delta R.T. 0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 94 Resp: 29817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 101.6 | 69.1 | 103.7 |

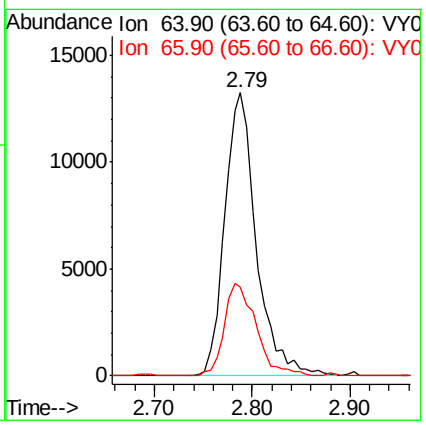


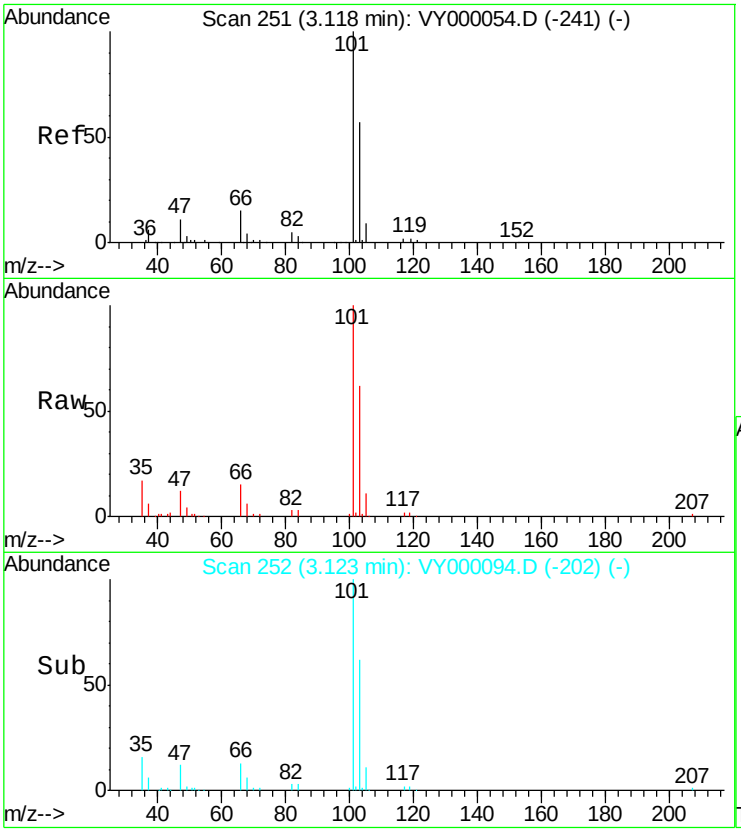




#6
Chloroethane
Concen: 47.261 ug/l
RT: 2.79 min Scan# 197
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 64 Resp: 29583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.4 | 27.7 | 41.5 |



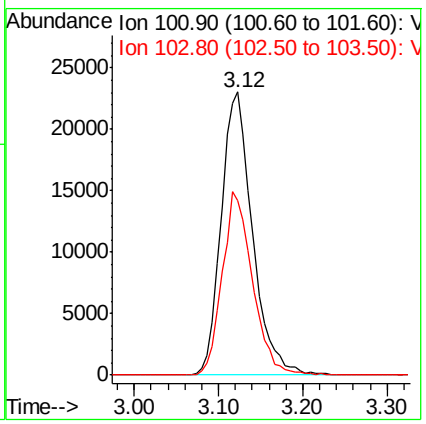


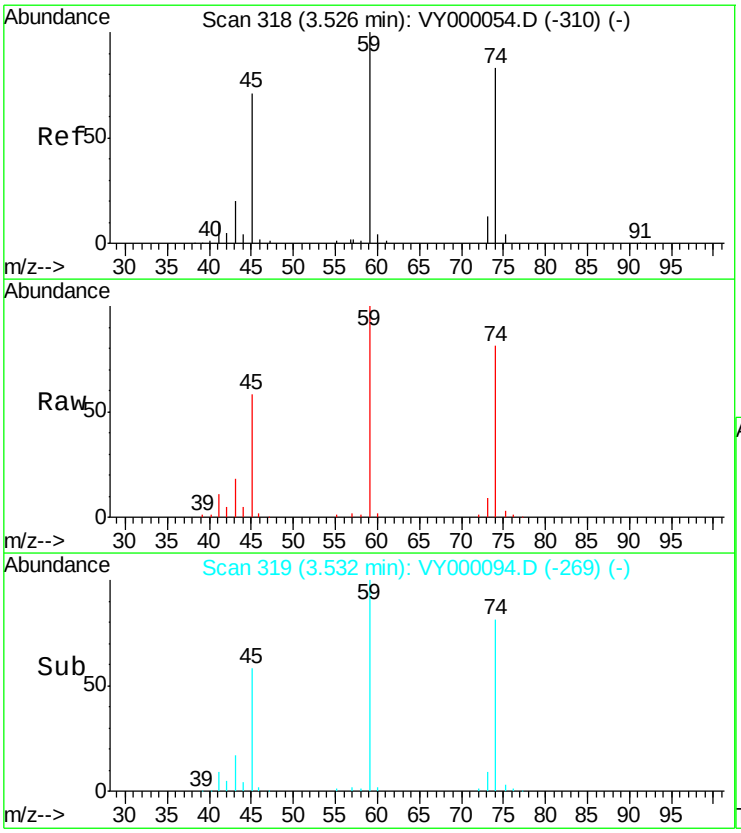

#7
Trichlorofluoromethane
Concen: 45.226 ug/l
RT: 3.12 min Scan# 252
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:101 Resp: 58394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 61.9 | 45.7 | 68.5 |

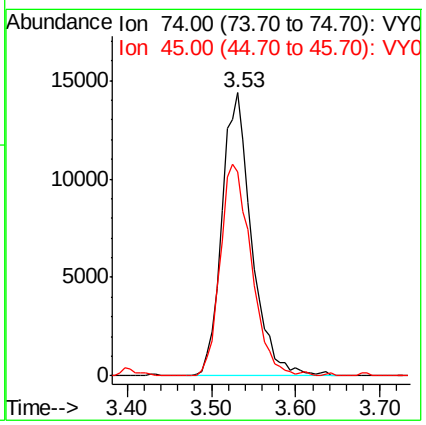


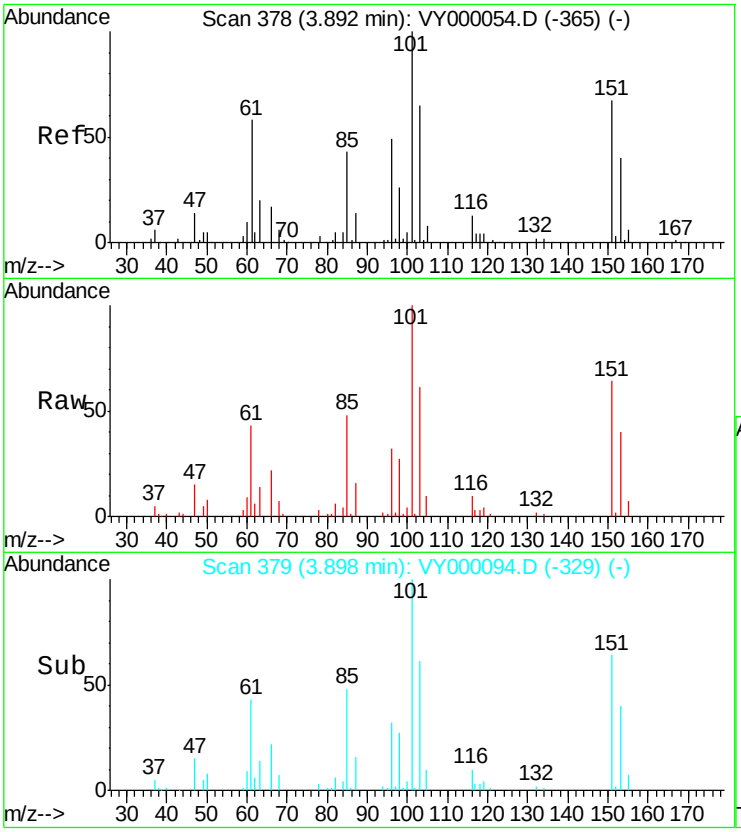




#8
Diethyl Ether
Concen: 62.843 ug/l
RT: 3.53 min Scan# 319
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 74 Resp: 34742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 77.6 | 40.6 | 122.0 |



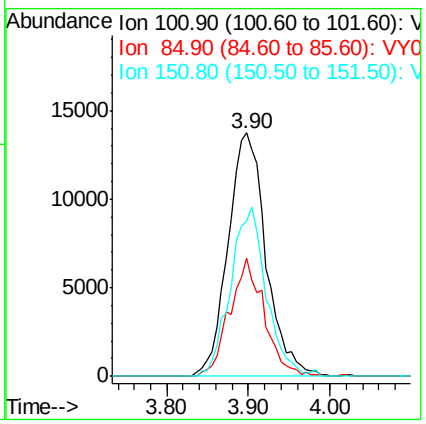


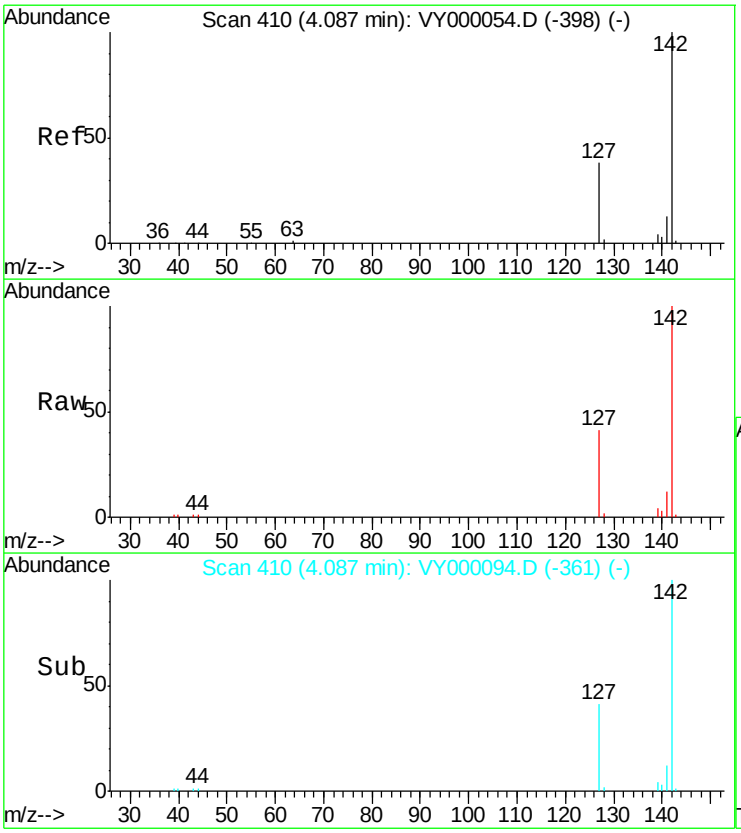

#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.882 ug/l
RT: 3.90 min Scan# 379
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:101 Resp: 44186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.2 | 36.8 | 55.2 |
| 151 | 65.2 | 54.4 | 81.6 |

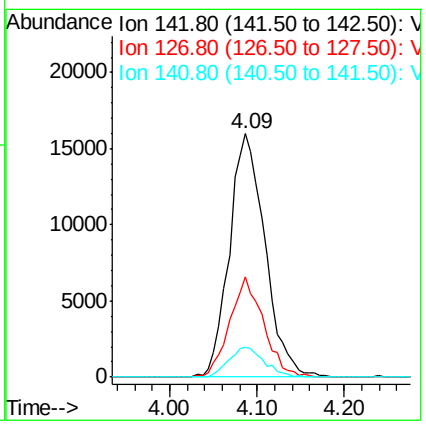


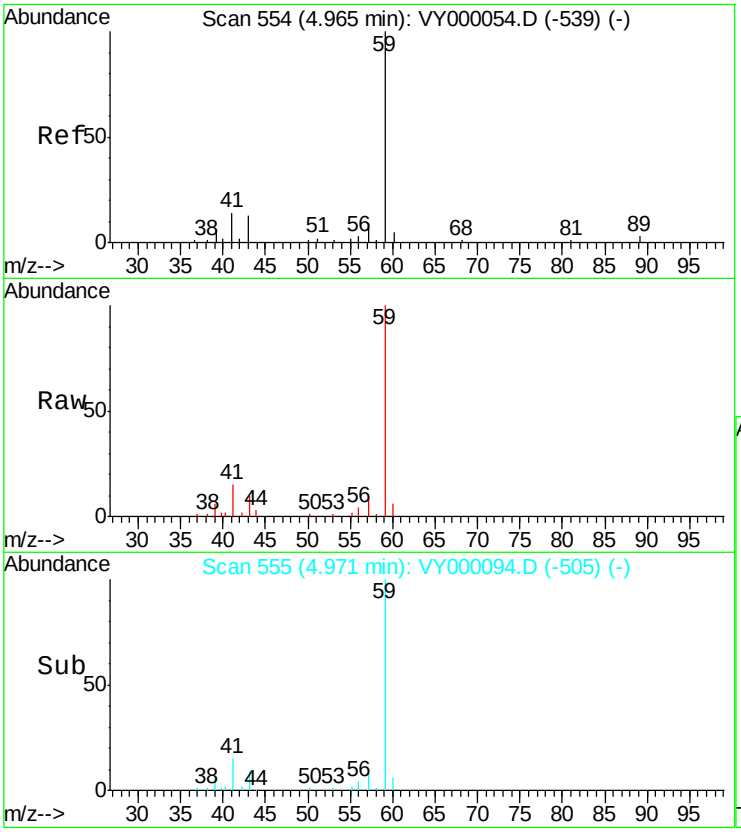




#10
Methyl Iodide
Concen: 49.139 ug/l
RT: 4.09 min Scan# 410
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion:142 Resp: 45266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 39.0 | 31.6 | 47.4 |
| 141 | 12.2 | 10.9 | 16.3 |



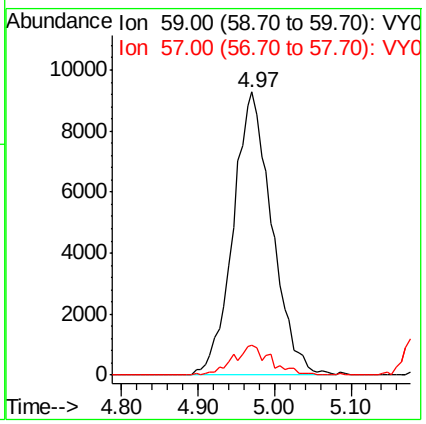


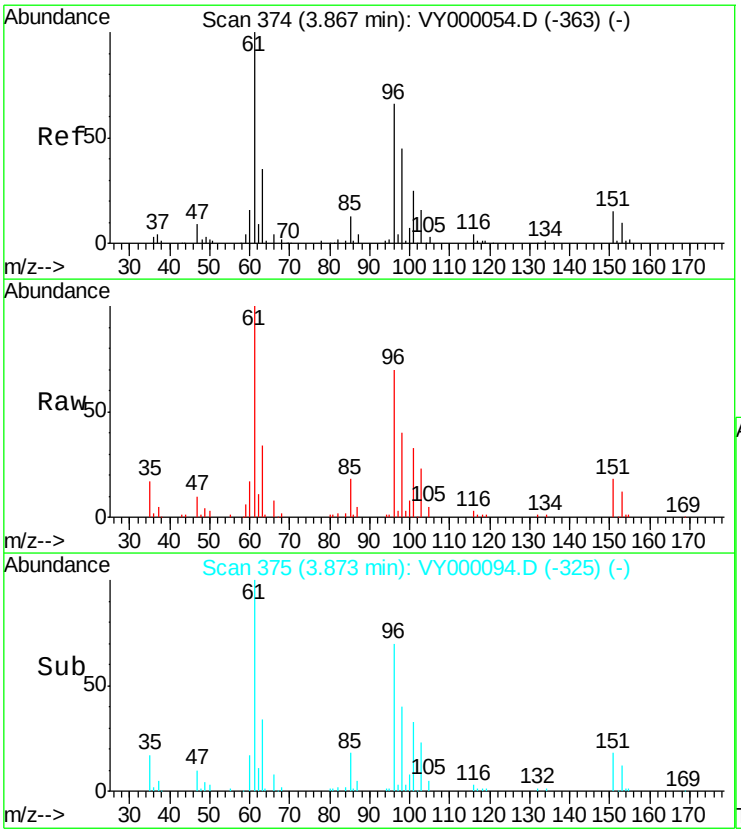

#11
Tert butyl alcohol
Concen: 285.901 ug/l
RT: 4.97 min Scan# 555
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 59 Resp: 32635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.3 | 8.0 | 12.0 |

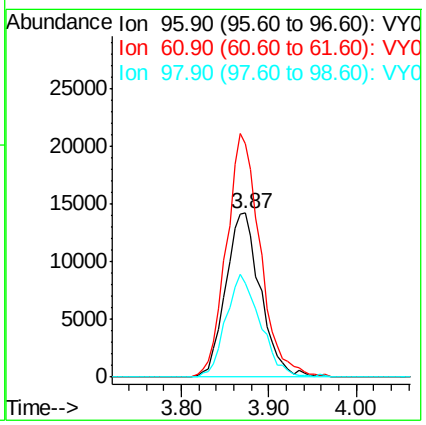


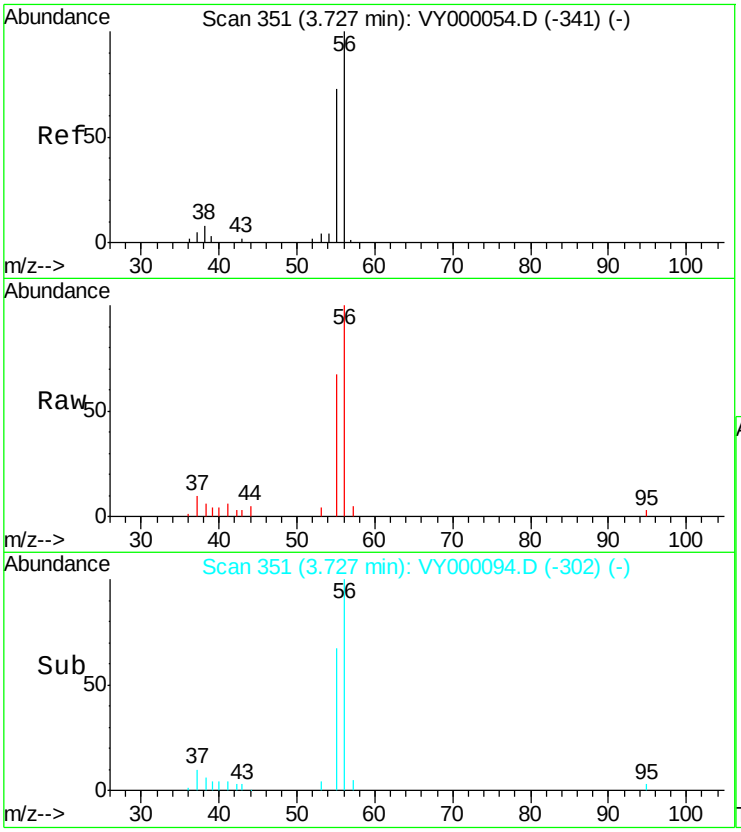




#12
1,1-Dichloroethene
Concen: 48.222 ug/l
RT: 3.87 min Scan# 375
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 96 Resp: 39377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 142.9 | 120.4 | 180.6 |
| 98 | 57.0 | 54.1 | 81.1 |



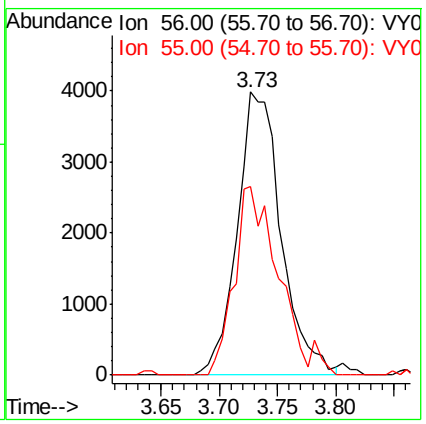


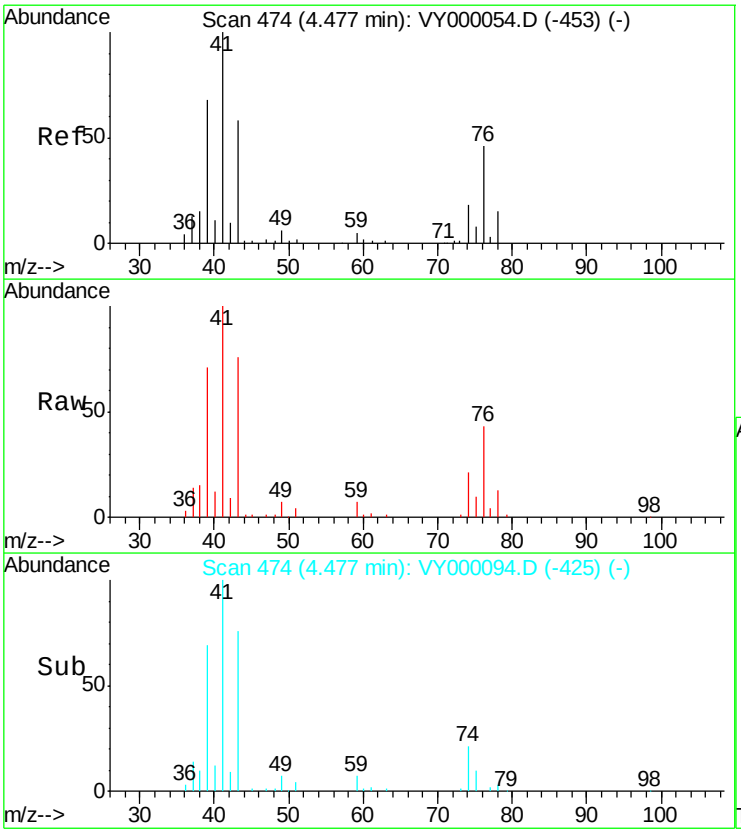

#13
Acrolein
Concen: 176.192 ug/l
RT: 3.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 56 Resp: 10483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 64.7 | 57.8 | 86.8 |

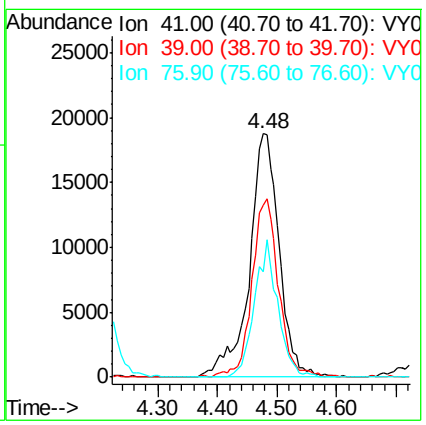


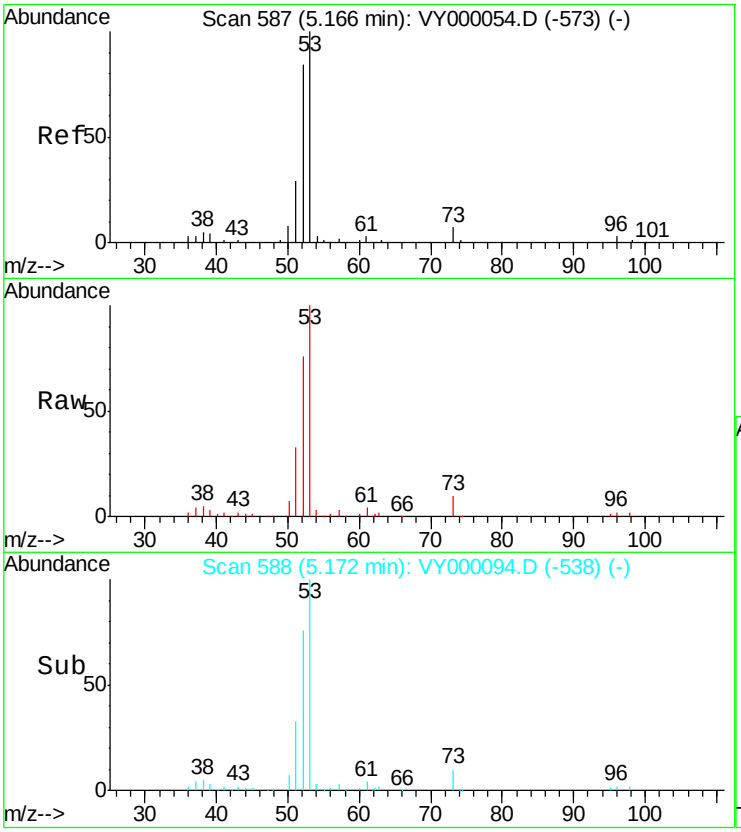




#14
Allyl chloride
Concen: 52.005 ug/l
RT: 4.48 min Scan# 474
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 41 Resp: 64905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 65.5 | 52.7 | 79.1 |
| 76 | 43.8 | 35.5 | 53.3 |



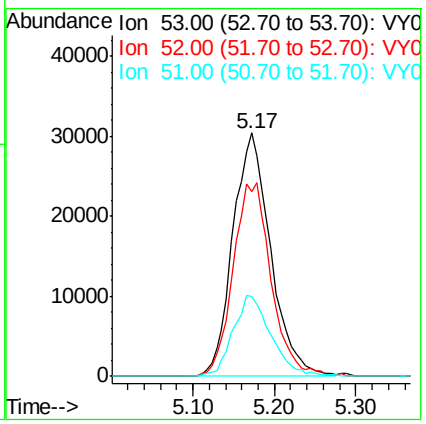


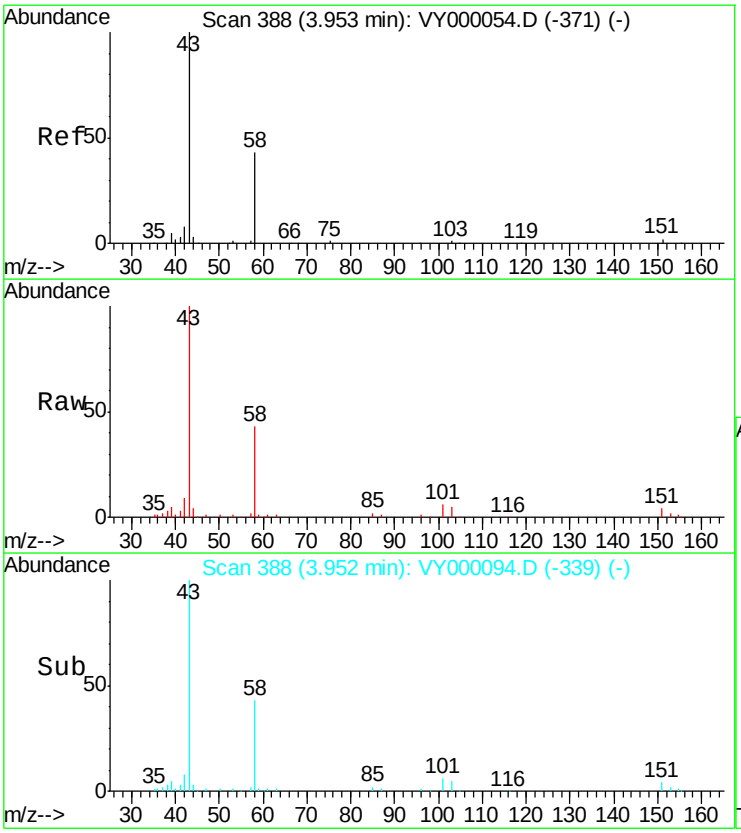

#15
Acrylonitrile
Concen: 294.838 ug/l
RT: 5.17 min Scan# 588
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 53 Resp: 97742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 80.3 | 64.7 | 97.1 |
| 51 | 33.4 | 26.7 | 40.1 |

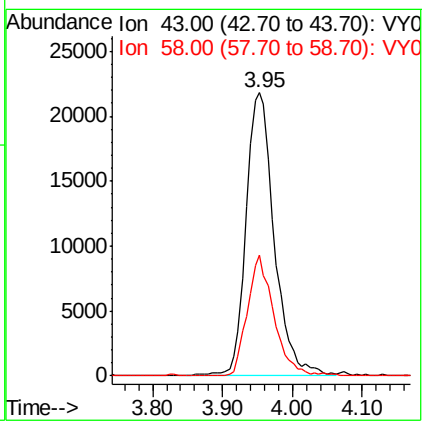


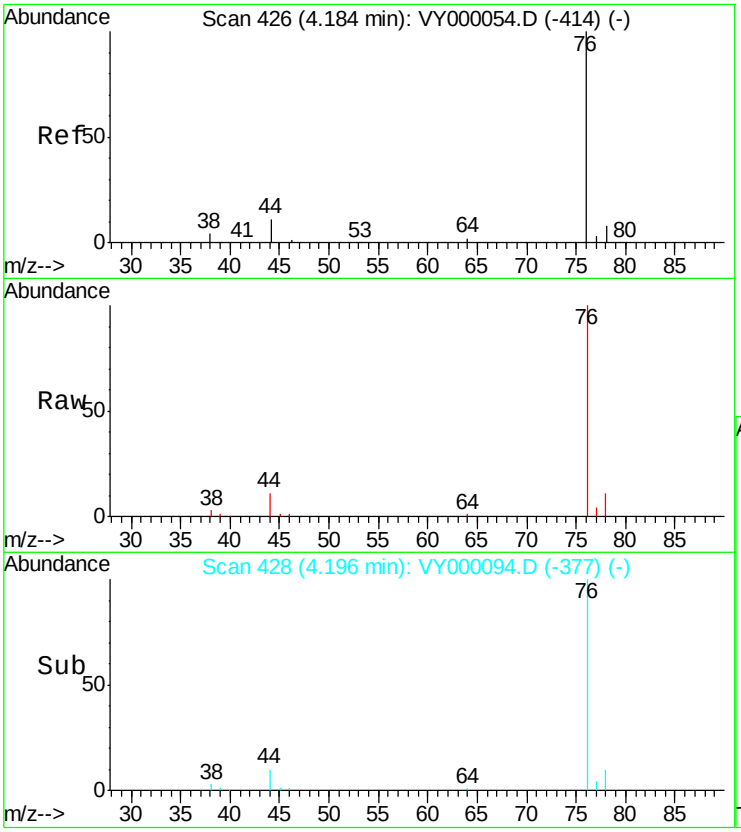




#16
Acetone
Concen: 272.243 ug/l
RT: 3.95 min Scan# 388
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 43 Resp: 61033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 42.8 | 34.5 | 51.7 |



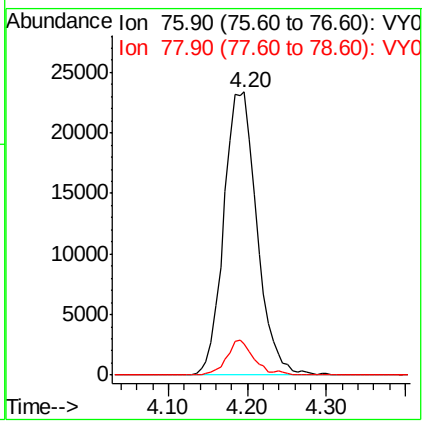


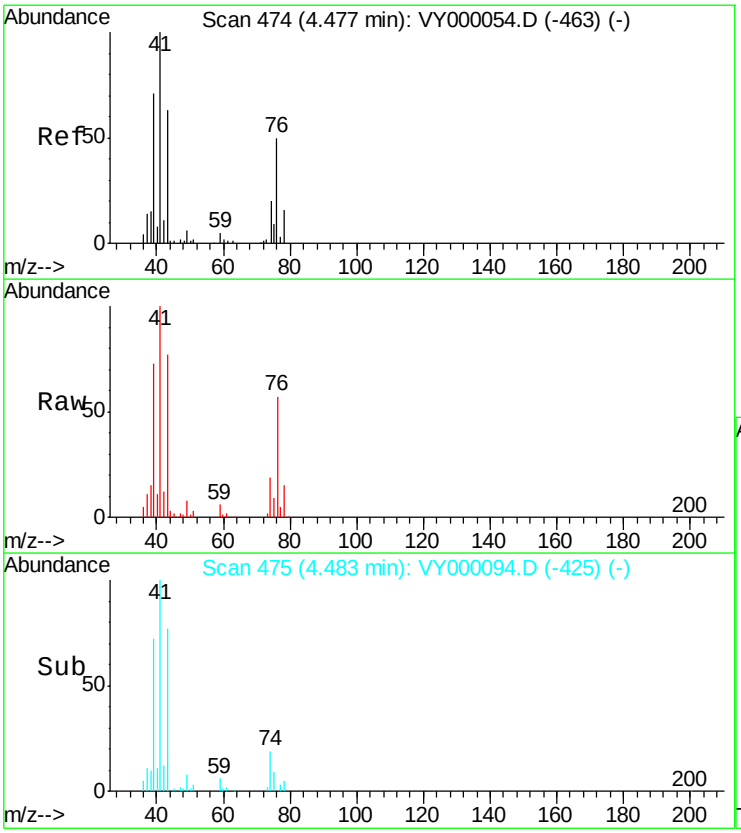

#17
Carbon Disulfide
Concen: 47.412 ug/l
RT: 4.20 min Scan# 428
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 76 Resp: 68351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 10.9 | 6.6 | 9.8# |

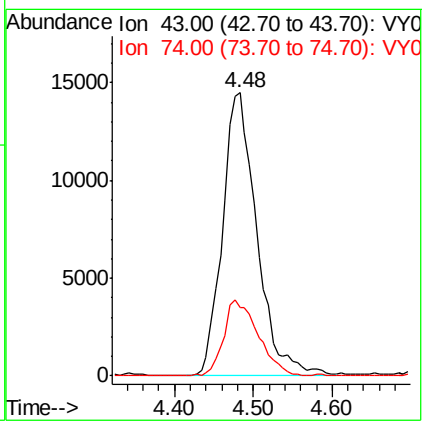


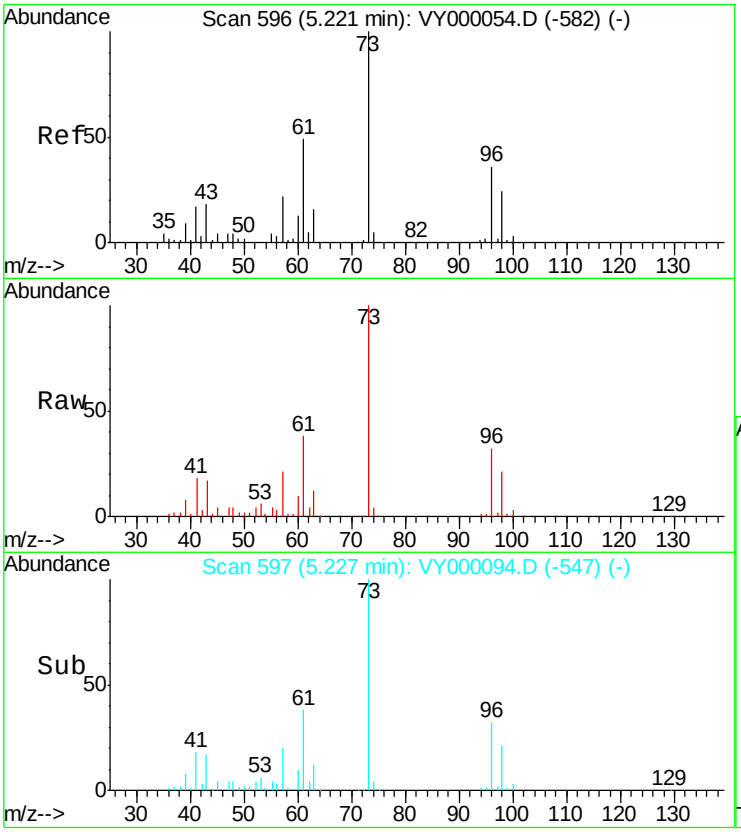




#18
Methyl Acetate
Concen: 58.543 ug/l
RT: 4.48 min Scan# 475
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 43 Resp: 43848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 26.9 | 24.1 | 36.1 |



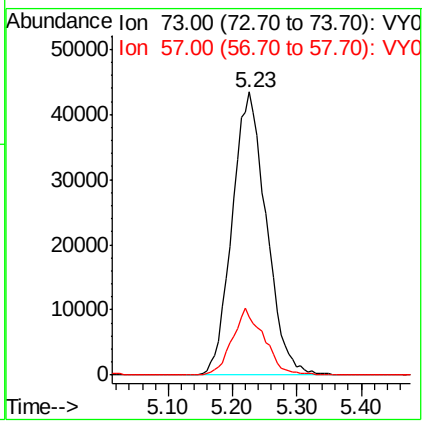


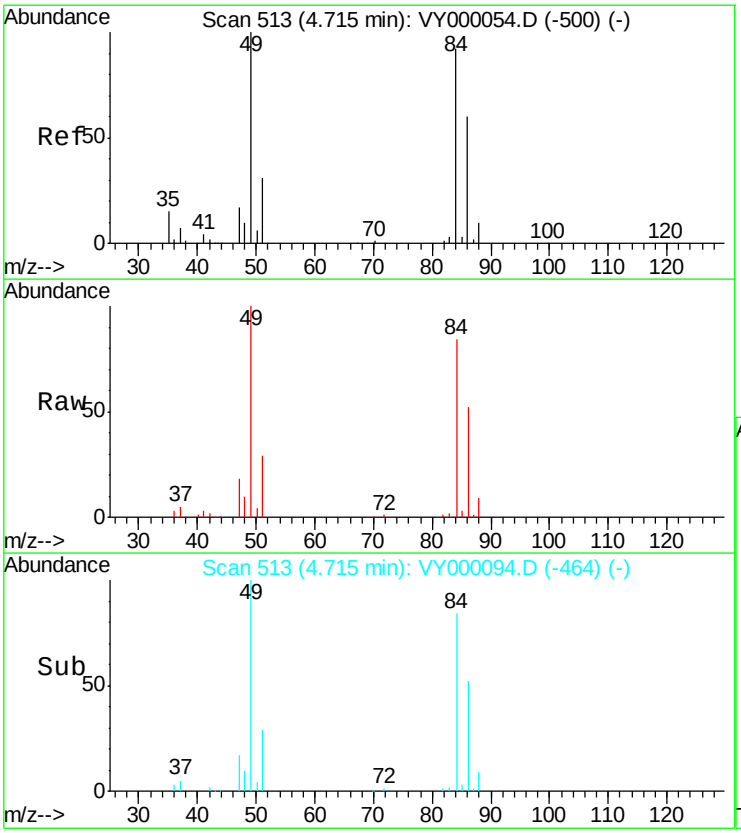

#19
Methyl tert-butyl Ether
Concen: 62.617 ug/l
RT: 5.23 min Scan# 597
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 73 Resp: 159789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.6 | 17.5 | 26.3 |

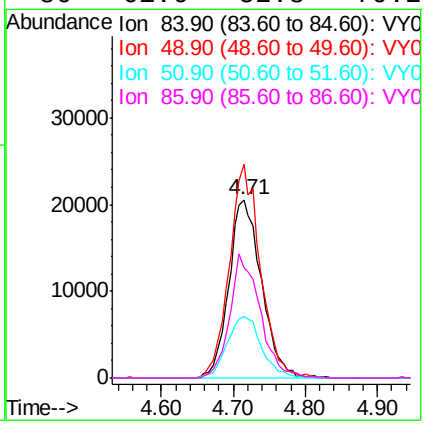


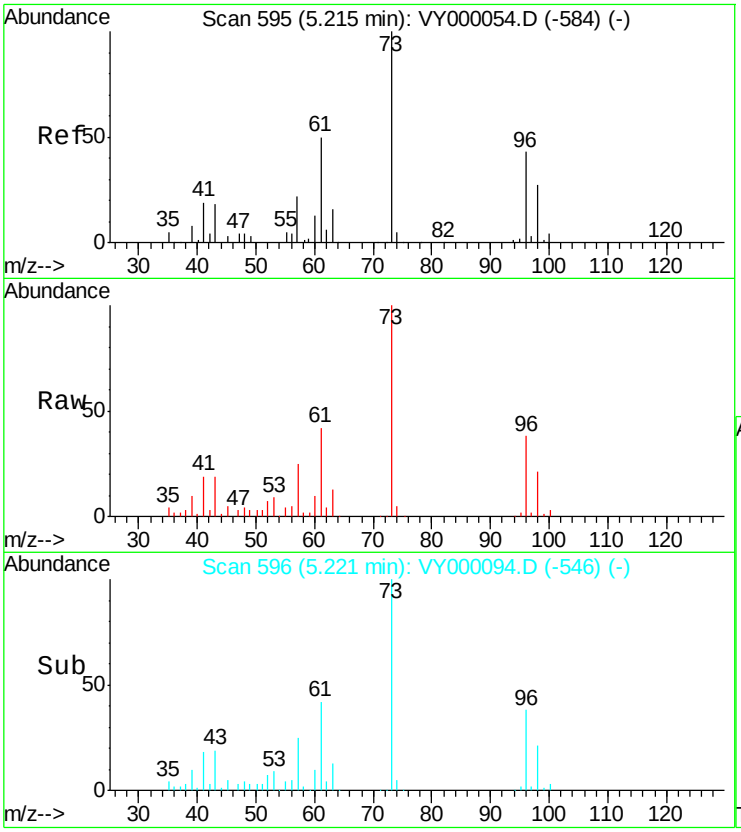




#20
Methylene Chloride
Concen: 61.231 ug/l
RT: 4.71 min Scan# 513
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 84 Resp: 64575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 119.6 | 87.4 | 131.0 |
| 51 | 34.5 | 27.2 | 40.8 |
| 86 | 61.6 | 52.8 | 79.2 |



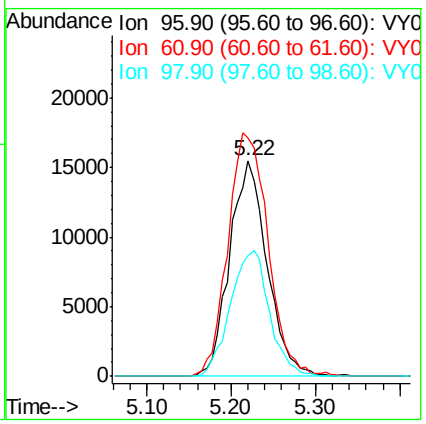


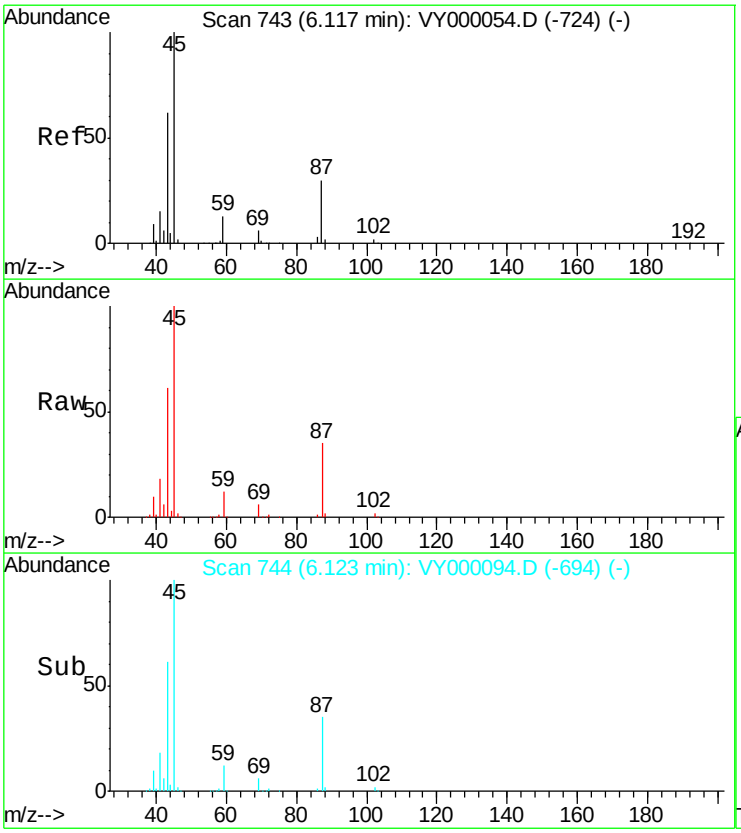

#21
trans-1,2-Dichloroethene
Concen: 51.292 ug/l
RT: 5.22 min Scan# 596
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 96 Resp: 46559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 110.3 | 94.0 | 141.0 |
| 98 | 55.7 | 50.3 | 75.5 |

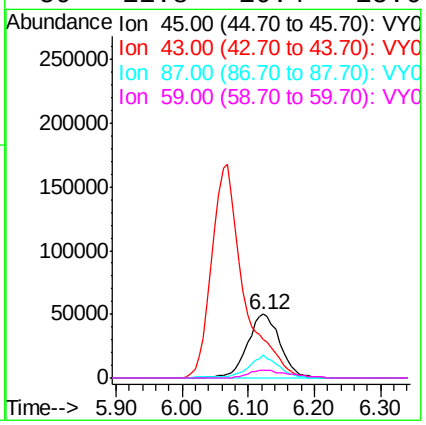


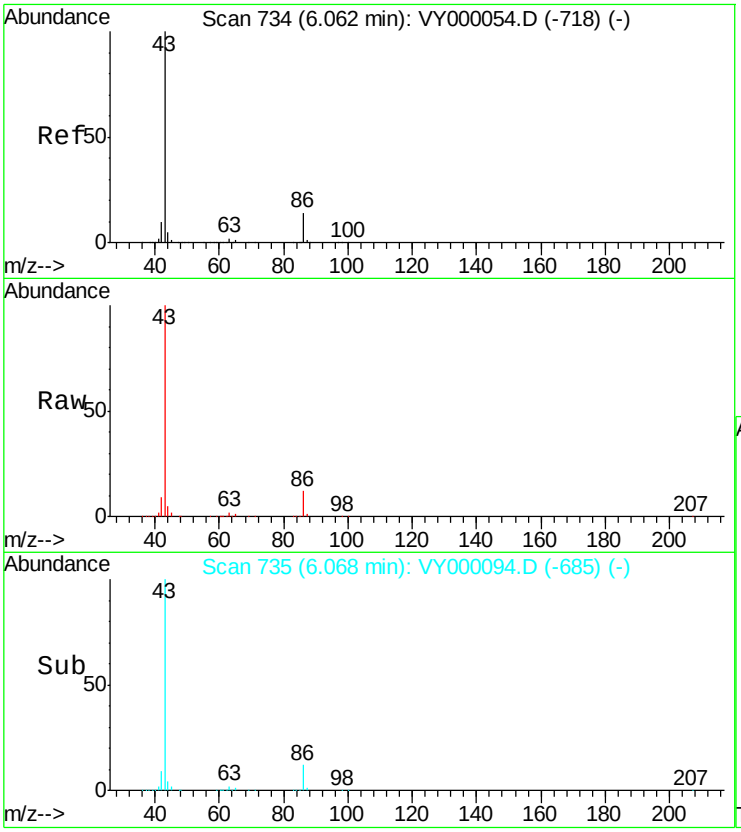




#22
Diisopropyl ether
Concen: 61.266 ug/l
RT: 6.12 min Scan# 744
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 45 Resp: 172758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 61.0 | 49.9 | 74.9 |
| 87 | 35.3 | 25.0 | 37.4 |
| 59 | 11.8 | 10.4 | 15.6 |



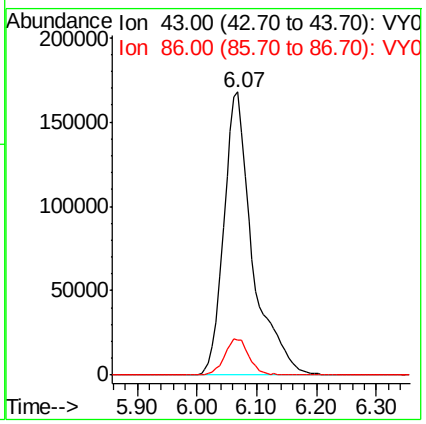


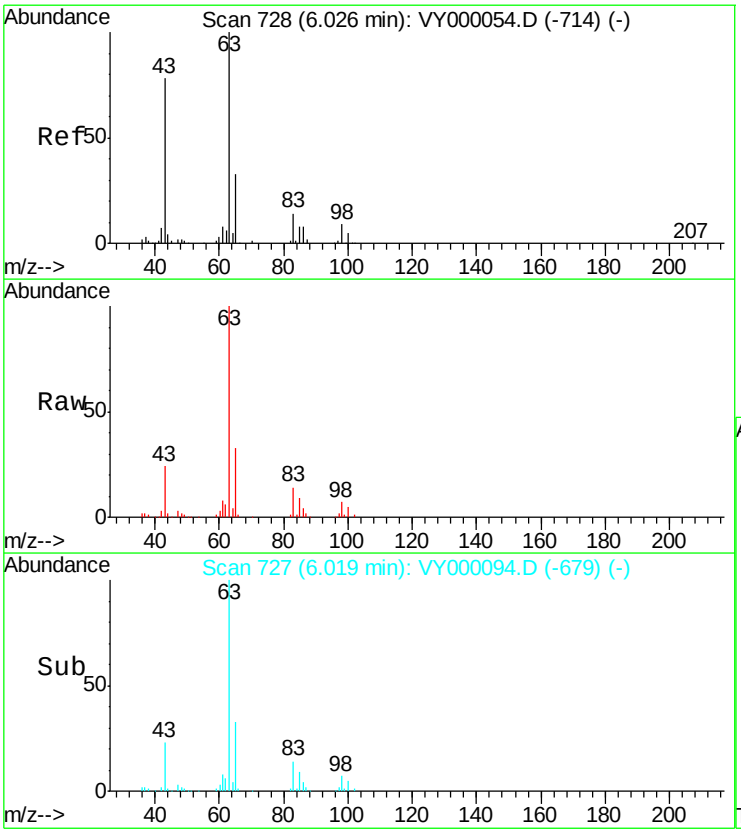

#23
Vinyl Acetate
Concen: 297.066 ug/l
RT: 6.07 min Scan# 735
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 43 Resp: 560633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 12.4 | 11.3 | 16.9 |

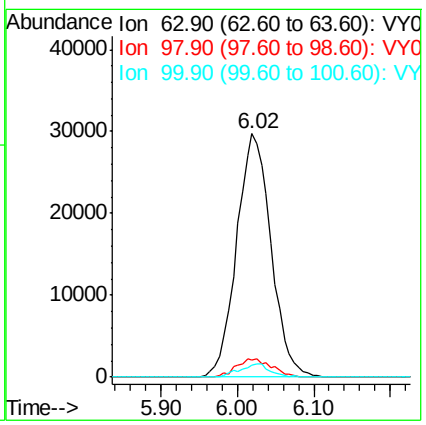


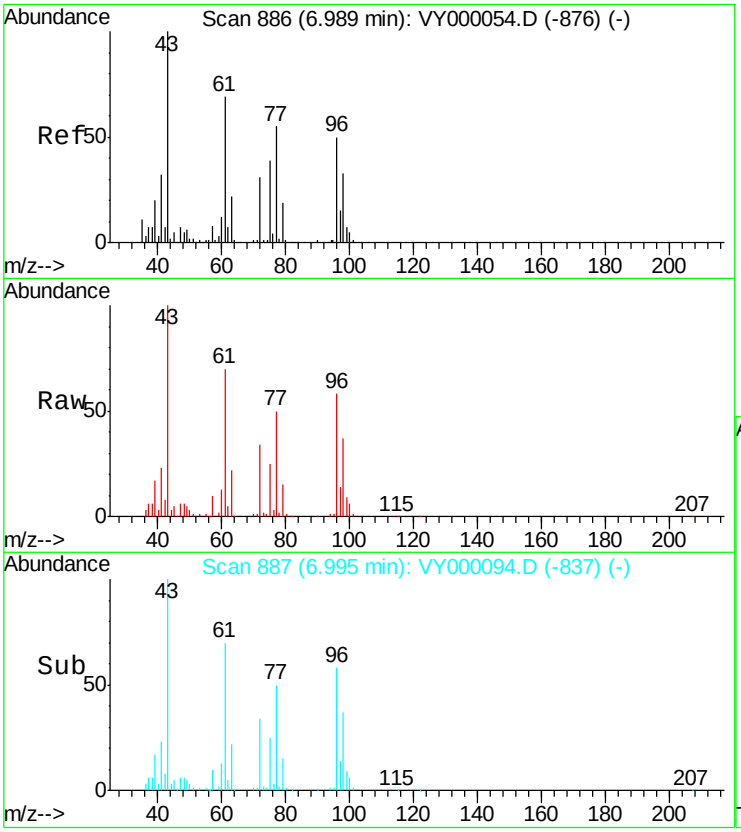




#24
1,1-Dichloroethane
Concen: 55.602 ug/l
RT: 6.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 63 Resp: 92798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.9 | 4.5 | 13.5 |
| 100 | 4.7 | 2.5 | 7.5 |



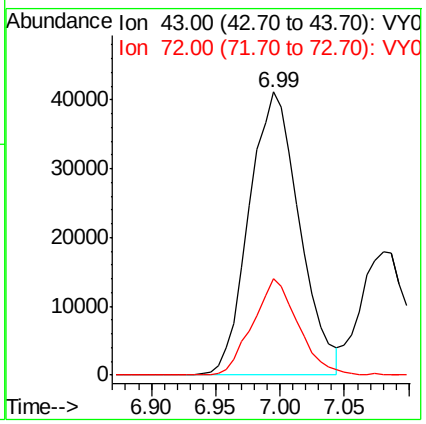


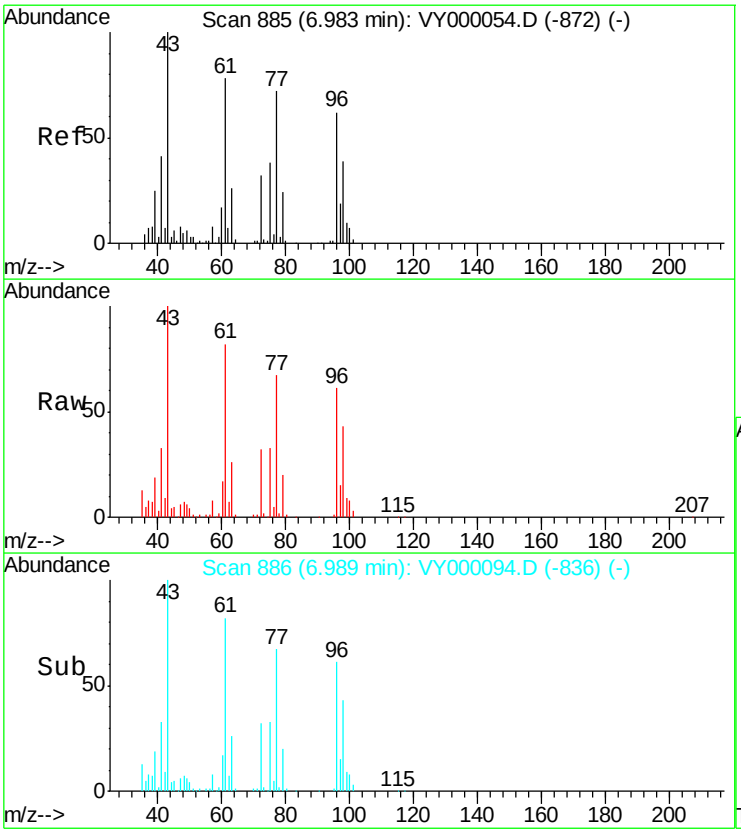

#25
2-Butanone
Concen: 275.547 ug/l
RT: 6.99 min Scan# 887
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 111888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 34.0 | 24.7 | 37.1 |

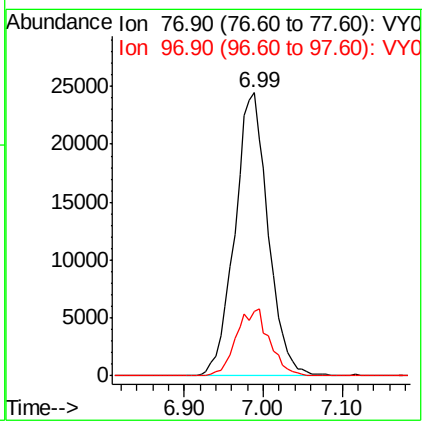


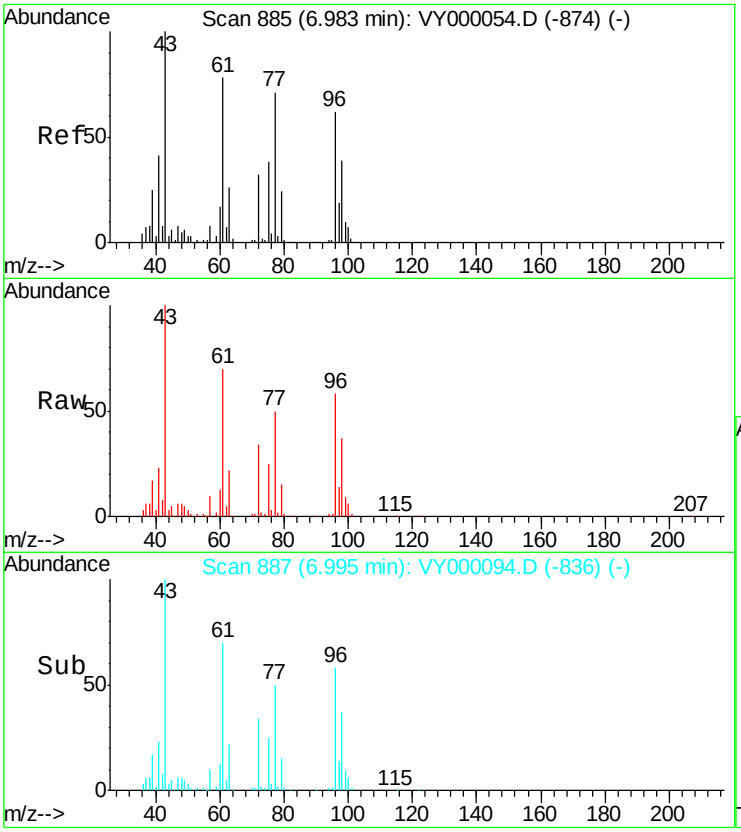




#26
2,2-Dichloropropane
Concen: 45.545 ug/l
RT: 6.99 min Scan# 886
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 77 Resp: 71736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 23.7 | 12.5 | 37.5 |



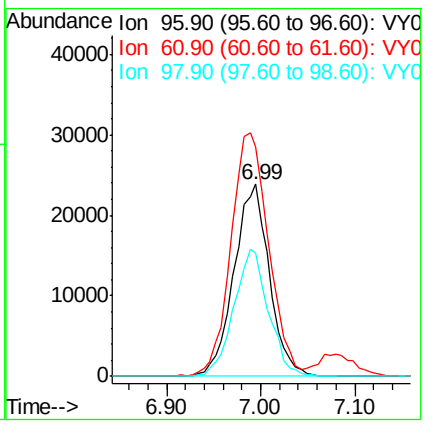


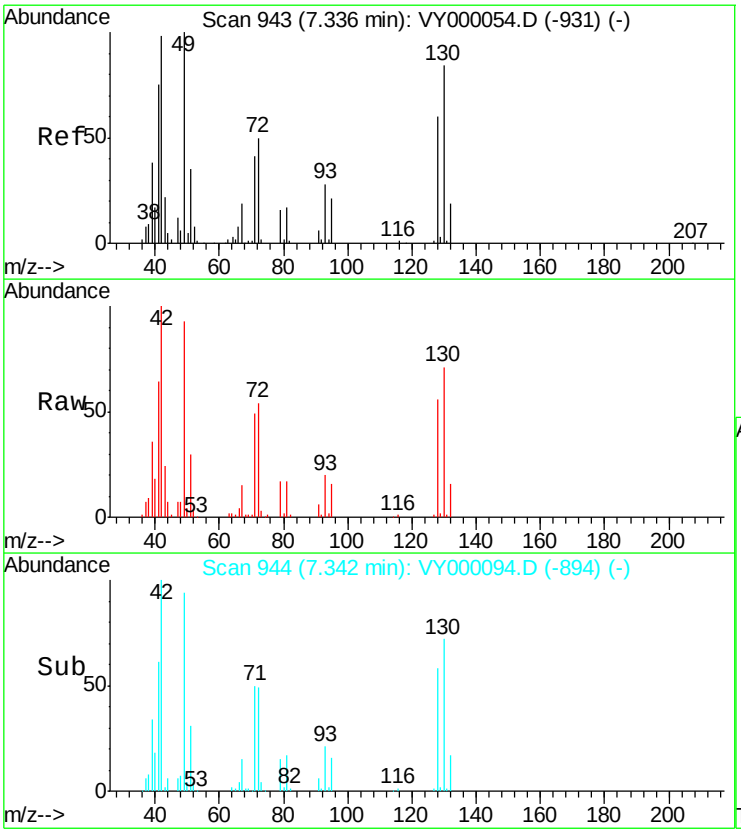

#27
cis-1,2-Dichloroethene
Concen: 54.621 ug/l
RT: 6.99 min Scan# 887
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 96 Resp: 62776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 135.1 | 0.0 | 263.0 |
| 98 | 64.5 | 0.0 | 130.2 |

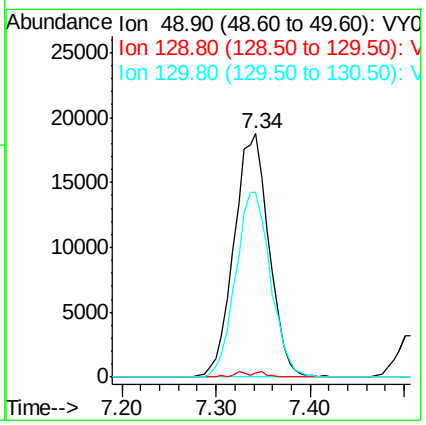


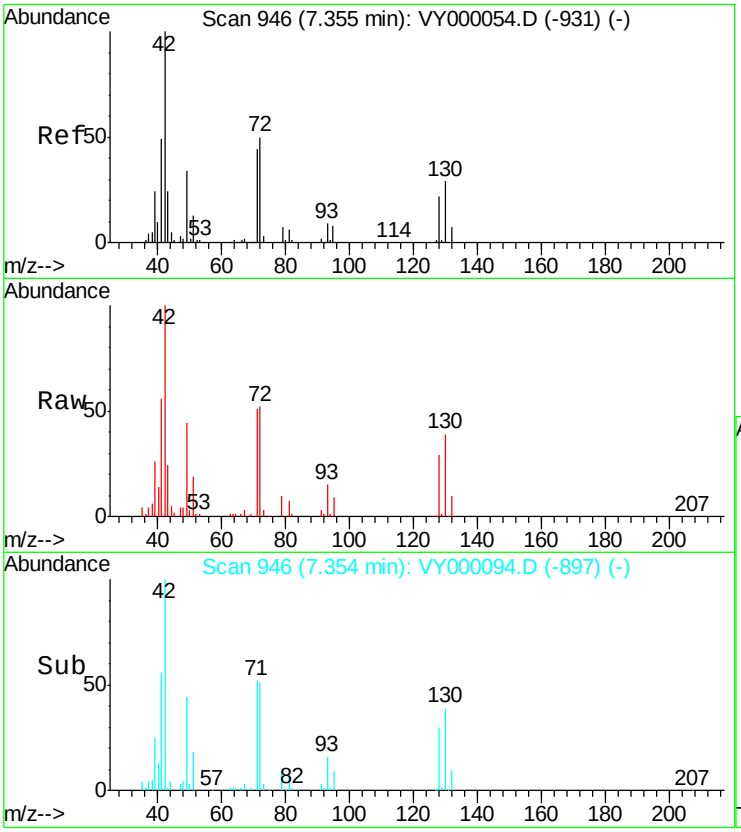




#28
Bromochloromethane
Concen: 62.908 ug/l
RT: 7.34 min Scan# 944
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 49 Resp: 48667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.8 | 0.0 | 4.8 |
| 130 | 76.1 | 66.2 | 99.4 |



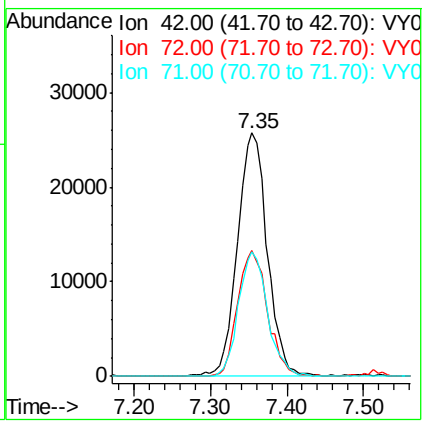


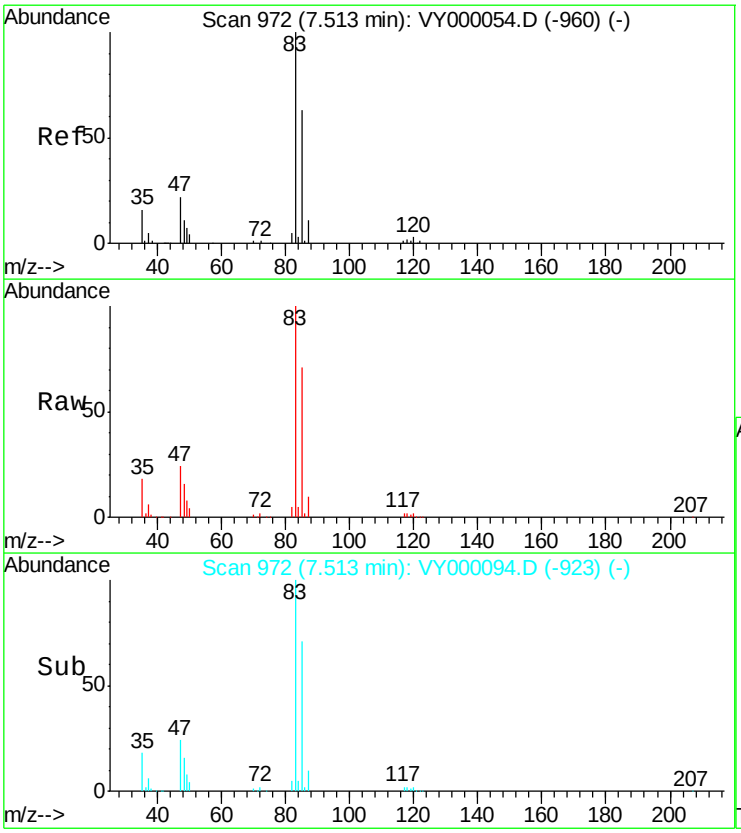

#29
Tetrahydrofuran
Concen: 286.655 ug/l
RT: 7.35 min Scan# 946
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 42 Resp: 69877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 51.6 | 41.8 | 62.6 |
| 71 | 49.7 | 38.6 | 58.0 |

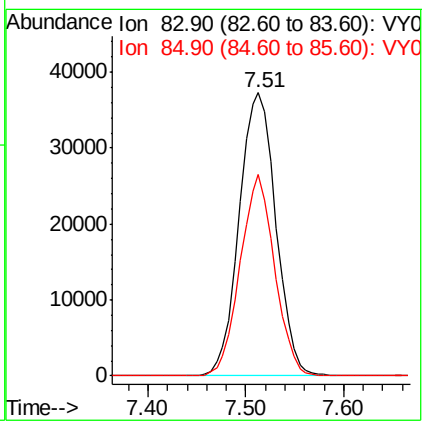


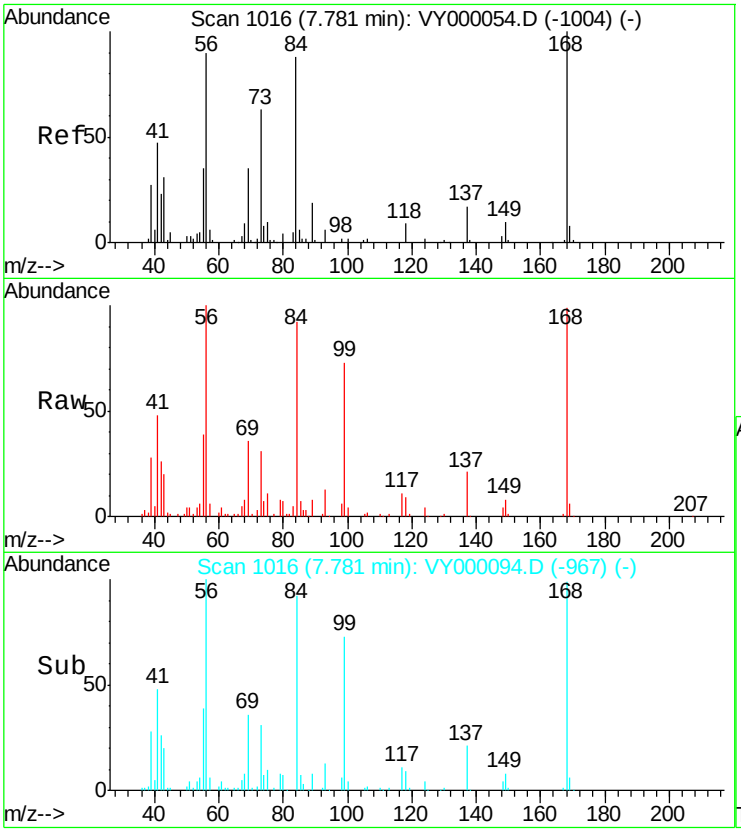




#30
Chloroform
Concen: 56.188 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 83 Resp: 96775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 71.0 | 50.6 | 76.0 |



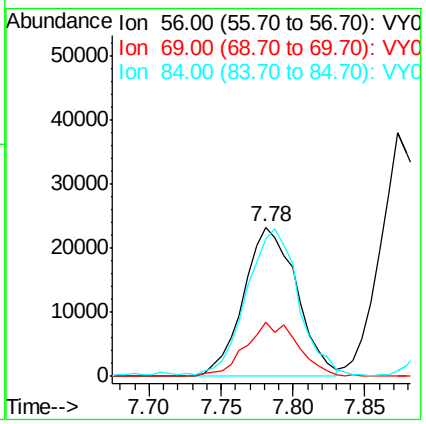


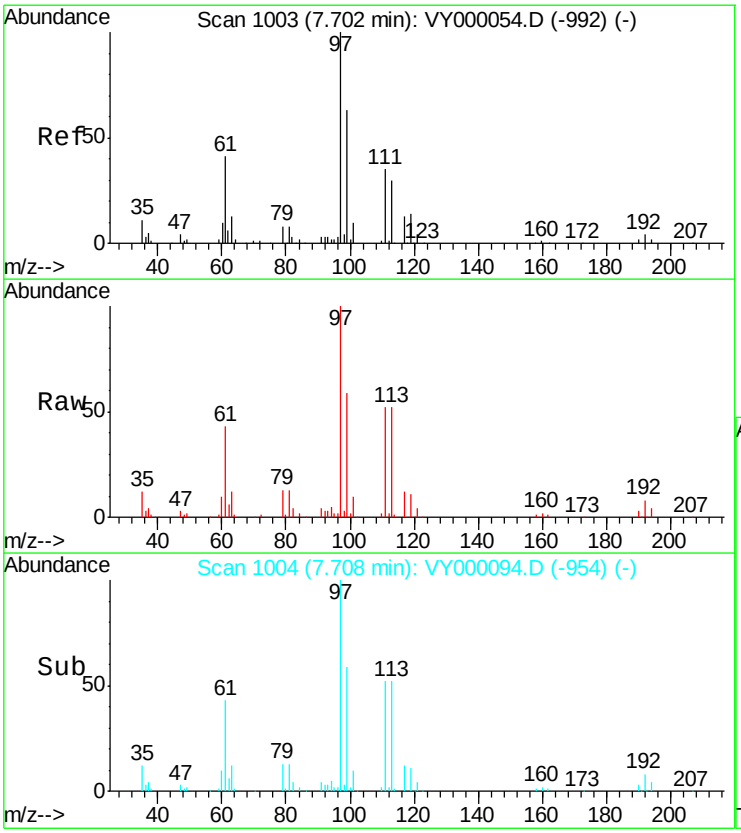

#31
Cyclohexane
Concen: 50.467 ug/l
RT: 7.78 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 56 Resp: 59718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 36.1 | 30.9 | 46.3 |
| 84 | 90.1 | 78.5 | 117.7 |

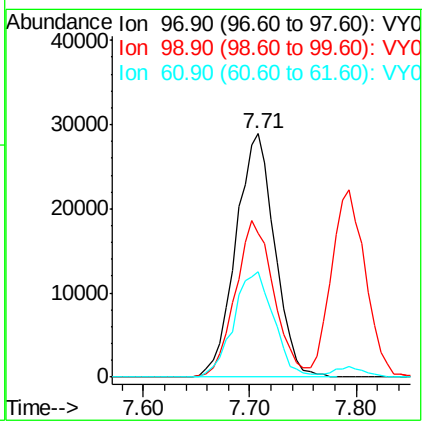


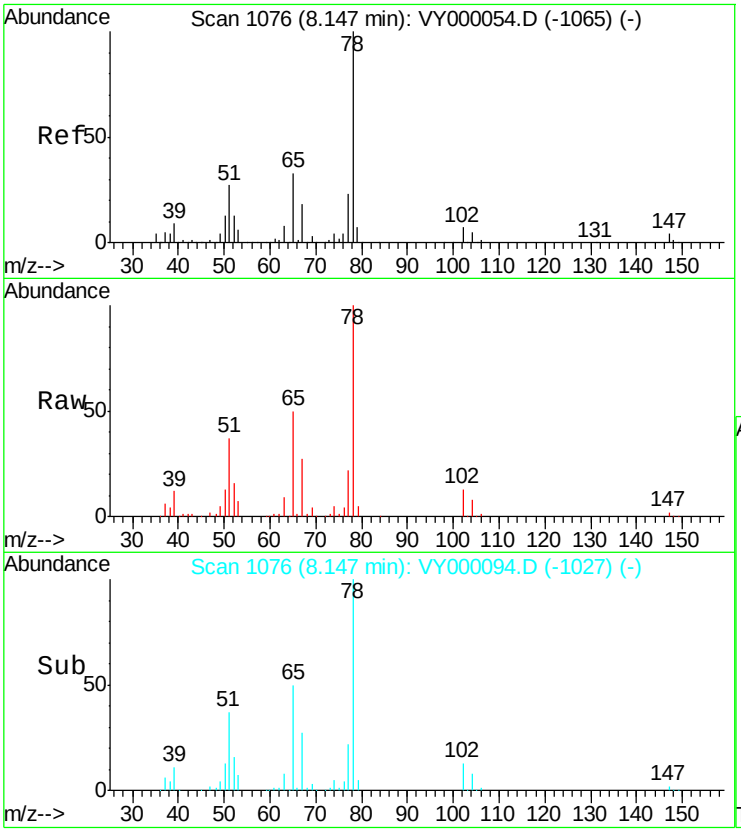




#32
1,1,1-Trichloroethane
Concen: 52.946 ug/l
RT: 7.71 min Scan# 1004
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 97 Resp: 74069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.7 | 51.8 | 77.6 |
| 61 | 44.6 | 34.3 | 51.5 |



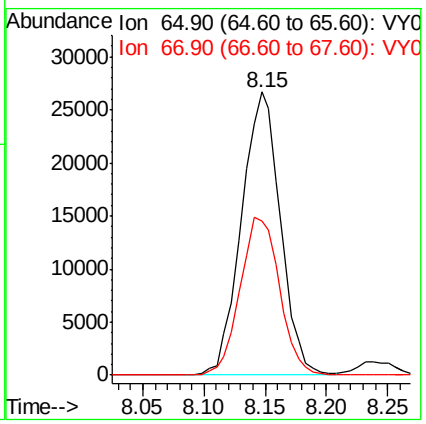


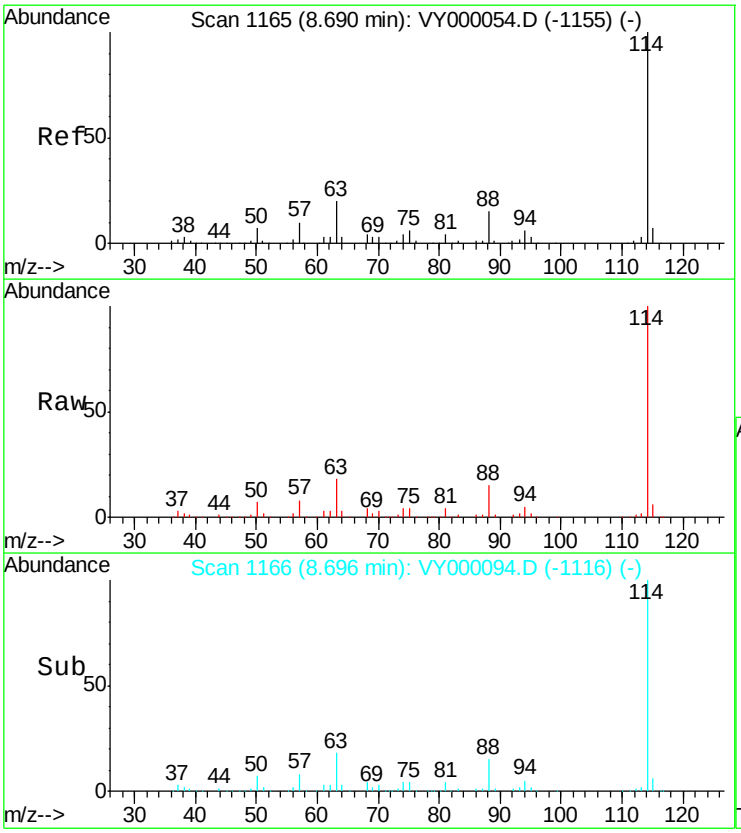

#33
1,2-Dichloroethane-d4
Concen: 61.375 ug/l
RT: 8.15 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 65 Resp: 59096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 56.4 | 0.0 | 111.0 |

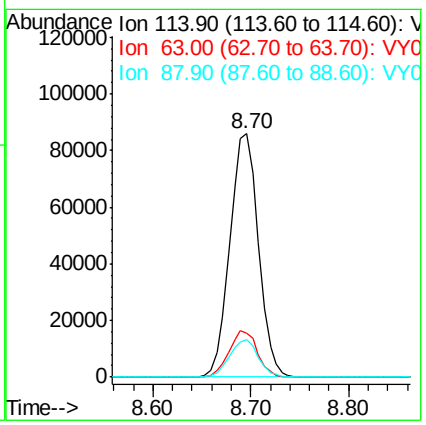


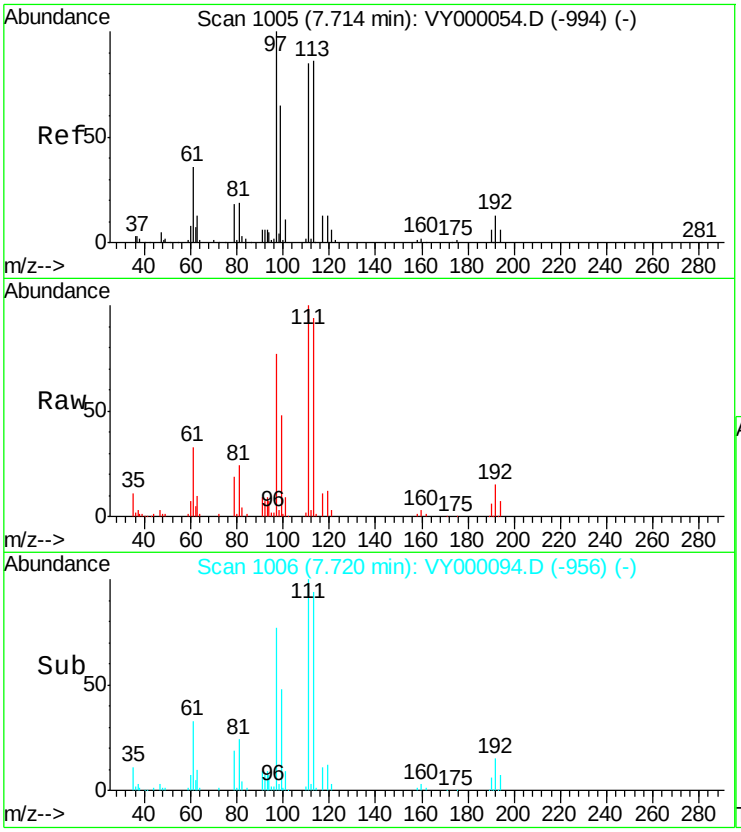




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1166
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion:114 Resp: 173790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.0 | 0.0 | 39.4 |
| 88 | 15.3 | 0.0 | 30.2 |



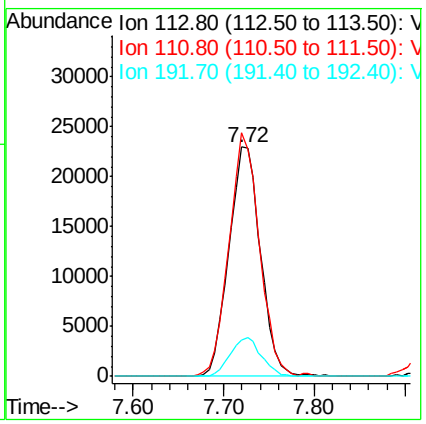


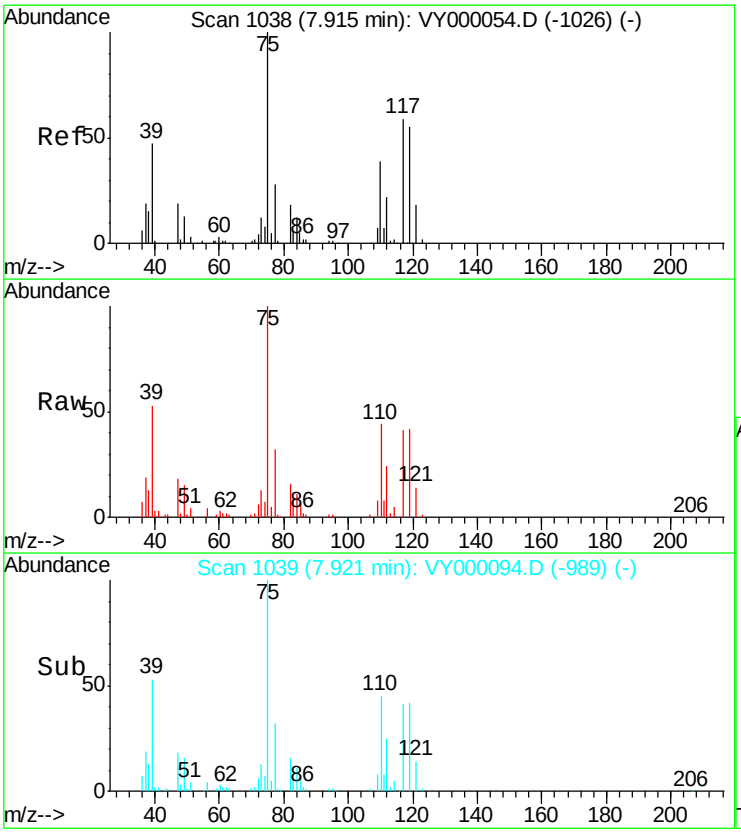

#35
Dibromofluoromethane
Concen: 52.673 ug/l
RT: 7.72 min Scan# 1006
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:113 Resp: 55425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.2 | 81.7 | 122.5 |
| 192 | 16.5 | 13.4 | 20.2 |

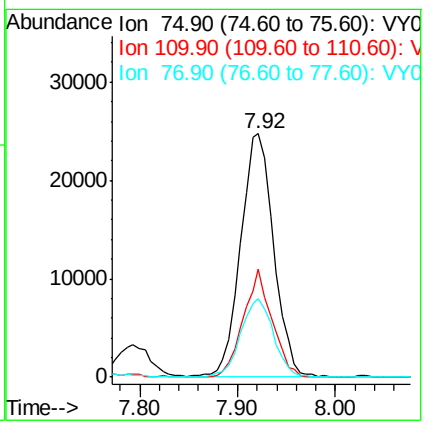


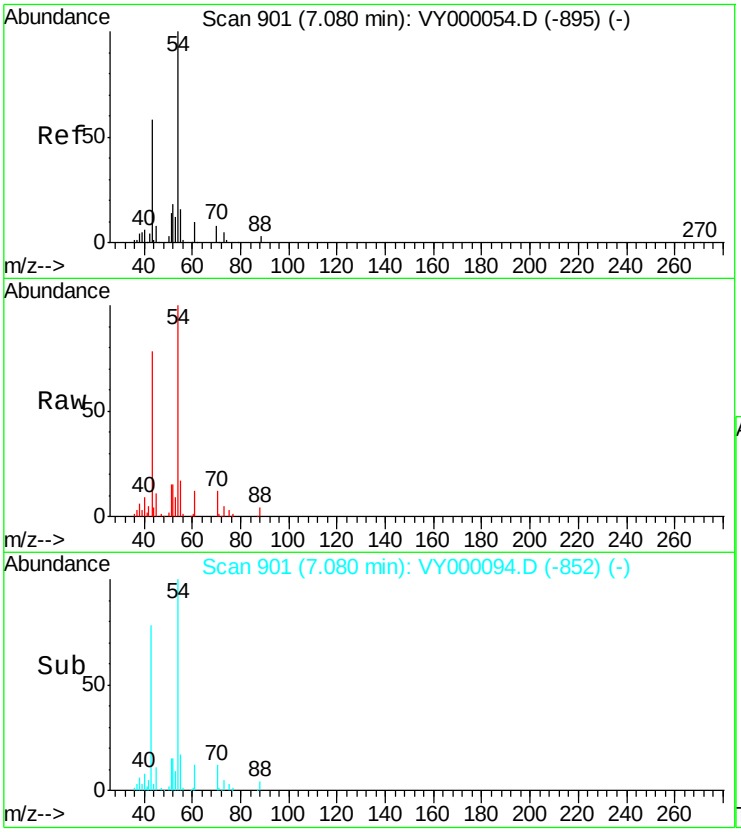




#36
1,1-Dichloropropene
Concen: 44.703 ug/l
RT: 7.92 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 75 Resp: 58091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 38.0 | 19.6 | 58.7 |
| 77 | 31.6 | 24.3 | 36.5 |



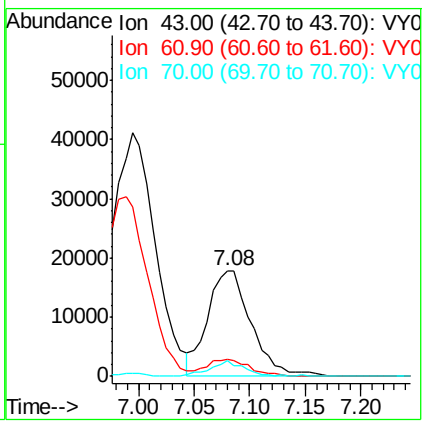


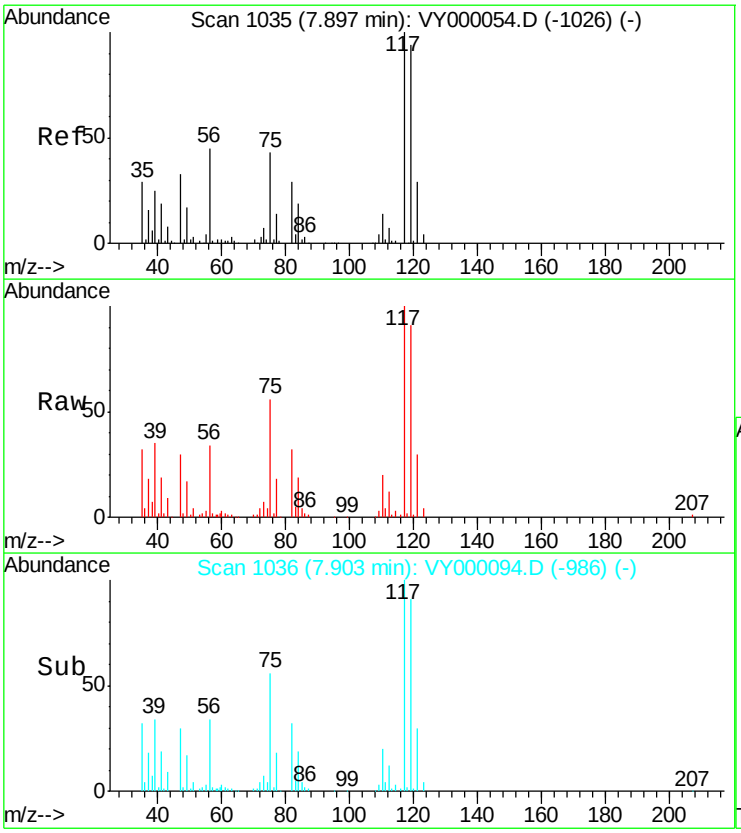

#37
Ethyl Acetate
Concen: 55.503 ug/l
RT: 7.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 48076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 15.9 | 14.1 | 21.1 |
| 70 | 11.9 | 10.6 | 15.8 |

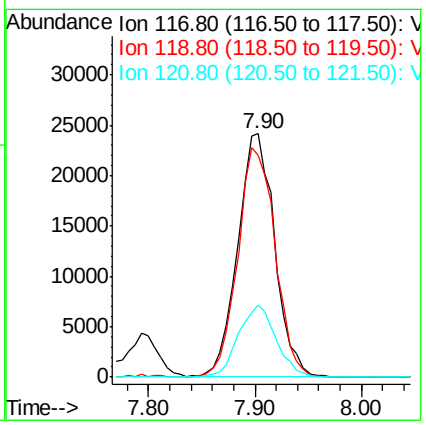


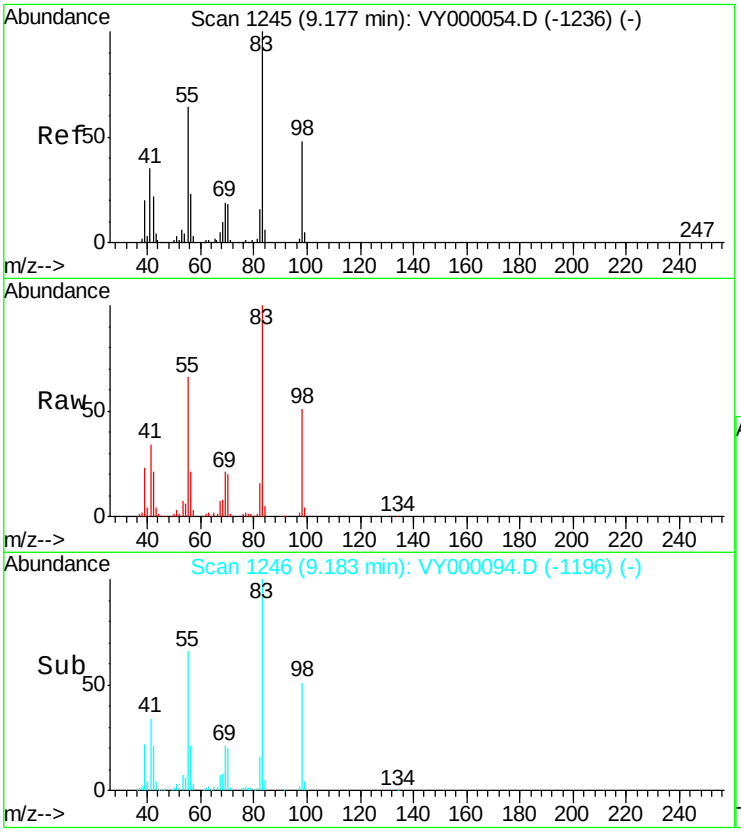




#38
Carbon Tetrachloride
Concen: 48.118 ug/l
RT: 7.90 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion:117 Resp: 59015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 91.0 | 75.0 | 112.6 |
| 121 | 29.8 | 22.8 | 34.2 |



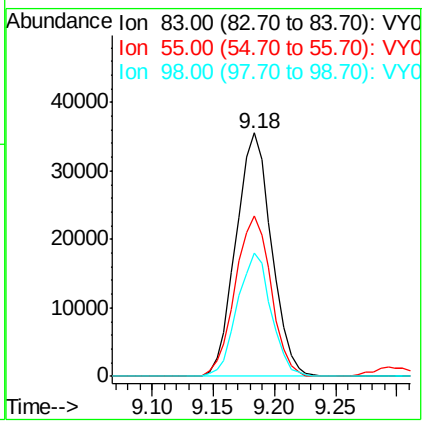


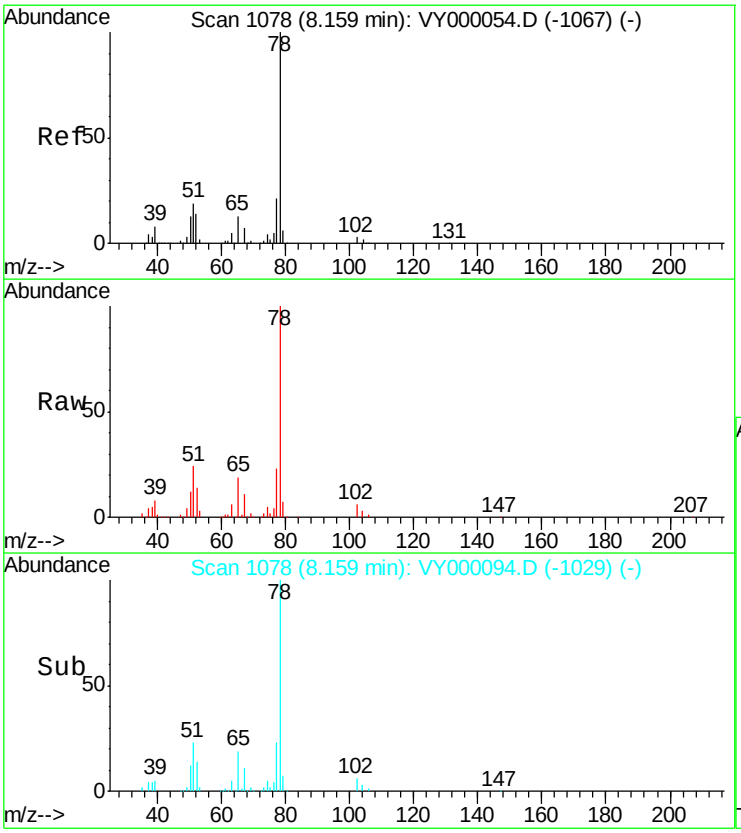

#39
Methylcyclohexane
Concen: 44.922 ug/l
RT: 9.18 min Scan# 1246
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 83 Resp: 71780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 65.9 | 51.0 | 76.6 |
| 98 | 50.7 | 38.5 | 57.7 |

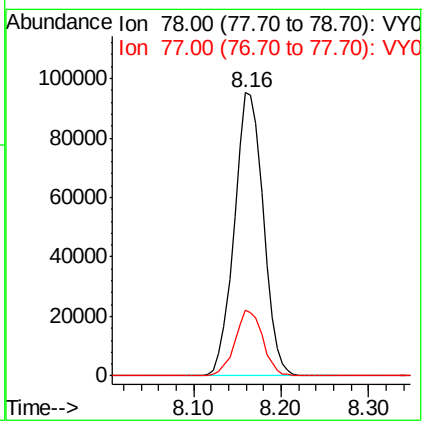


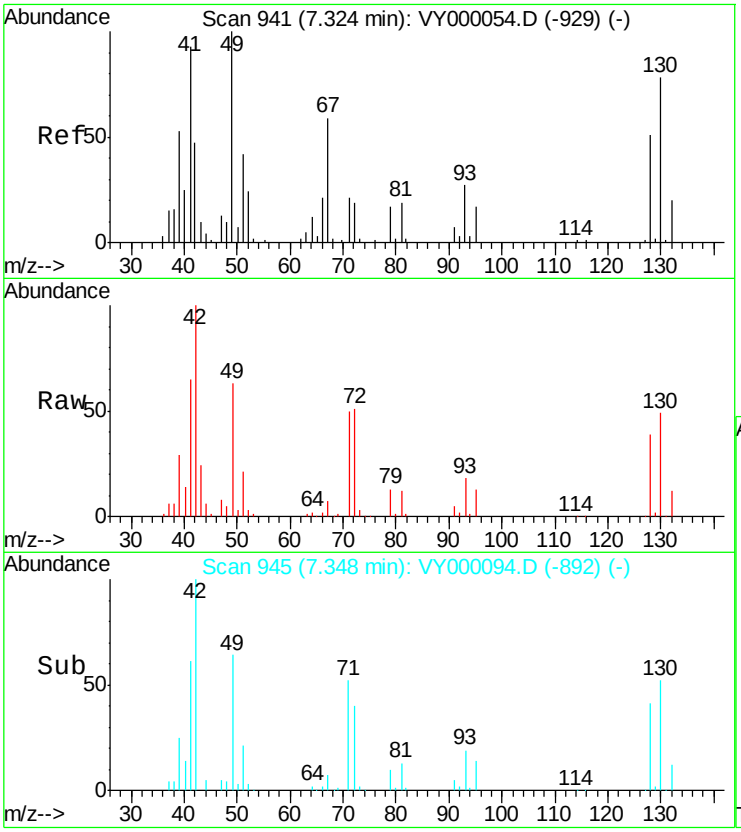




#40
Benzene
Concen: 51.139 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 78 Resp: 219489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.4 | 16.8 | 25.2 |



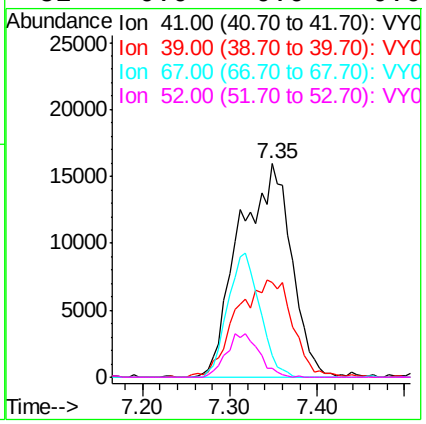


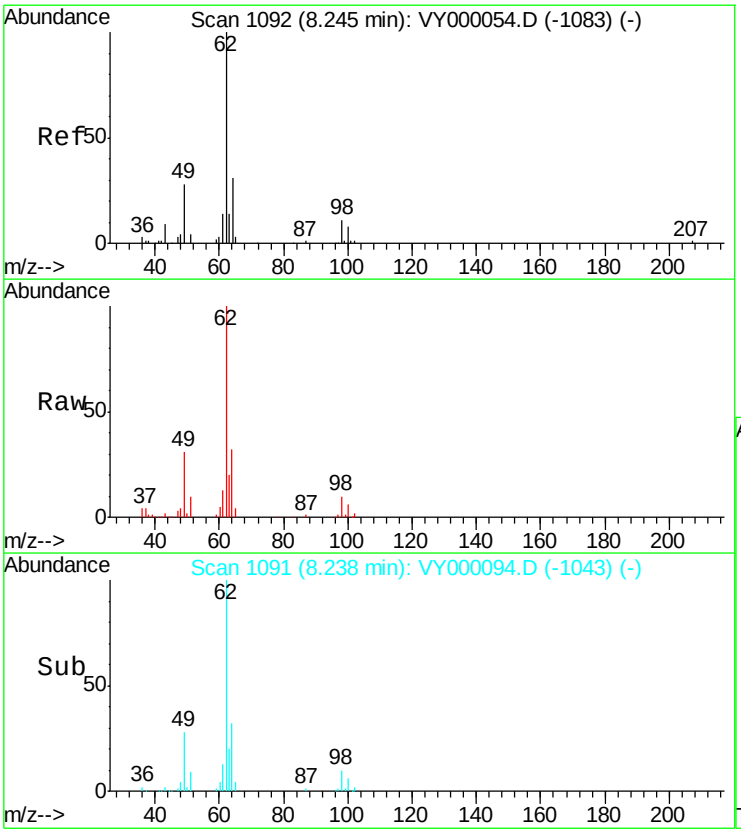

#41
Methacrylonitrile
Concen: 116.190 ug/l
RT: 7.35 min Scan# 945
Delta R.T. 0.02 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 41 Resp: 66148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 49.0 | 91.8 | 137.6# |
| 67 | 0.0 | 0.0 | 0.0 |
| 52 | 0.0 | 0.0 | 0.0 |

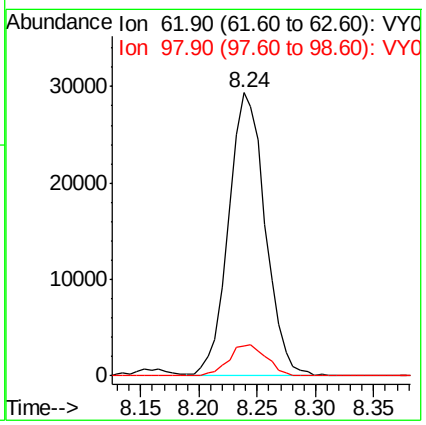


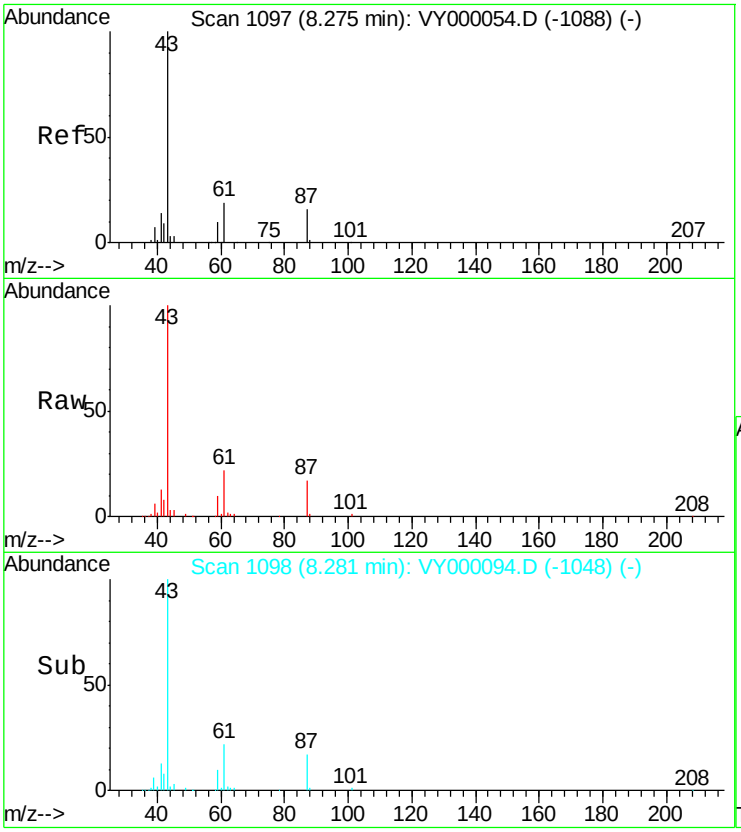




#42
1,2-Dichloroethane
Concen: 56.743 ug/l
RT: 8.24 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 62 Resp: 64509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 11.2 | 0.0 | 23.6 |



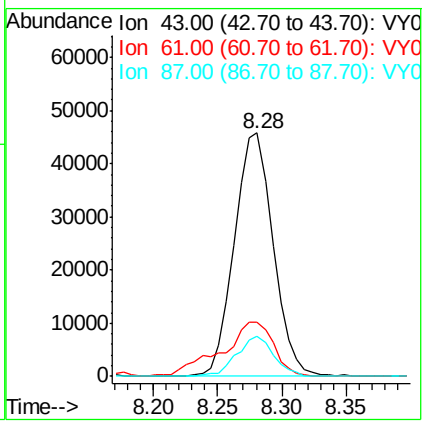


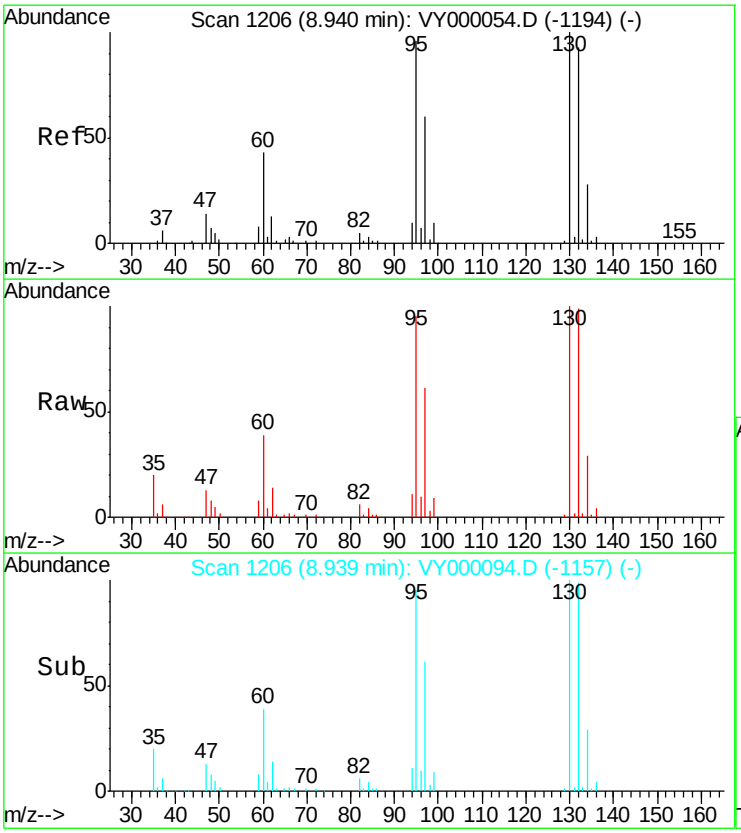

#43
Isopropyl Acetate
Concen: 56.587 ug/l
RT: 8.28 min Scan# 1098
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 43 Resp: 95860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 30.1 | 25.0 | 37.6 |
| 87 | 15.8 | 12.4 | 18.6 |

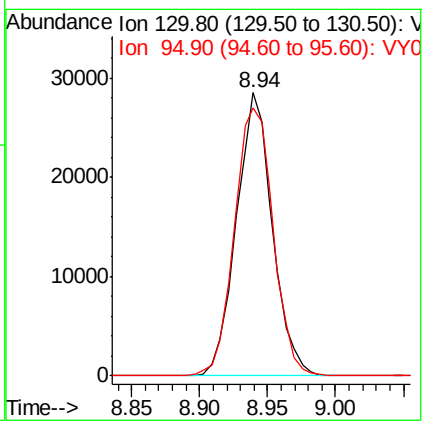


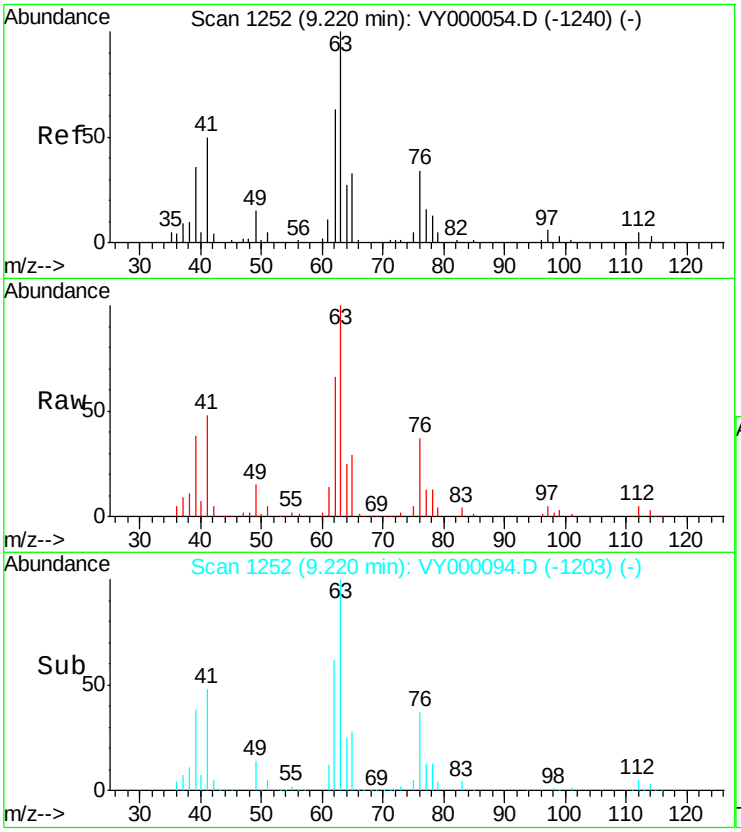




#44
Trichloroethene
Concen: 47.866 ug/l
RT: 8.94 min Scan# 1206
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion:130 Resp: 52484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 94.8 | 0.0 | 192.0 |



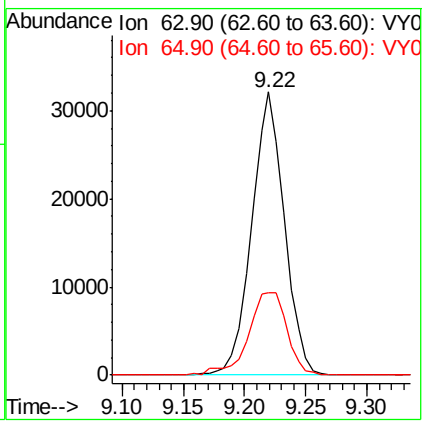


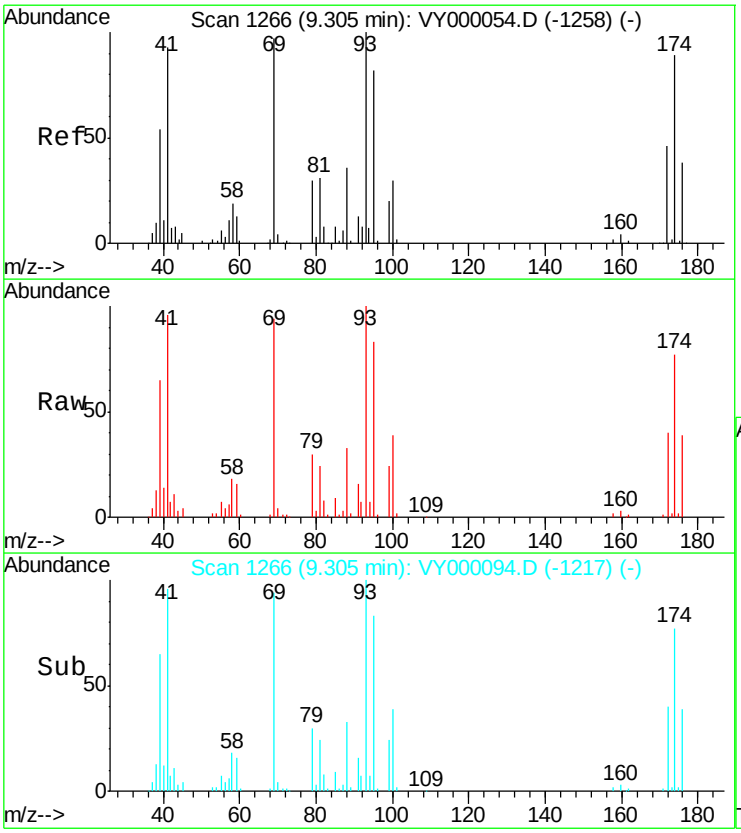

#45
1,2-Dichloropropane
Concen: 53.738 ug/l
RT: 9.22 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 63 Resp: 59747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 29.3 | 26.2 | 39.4 |

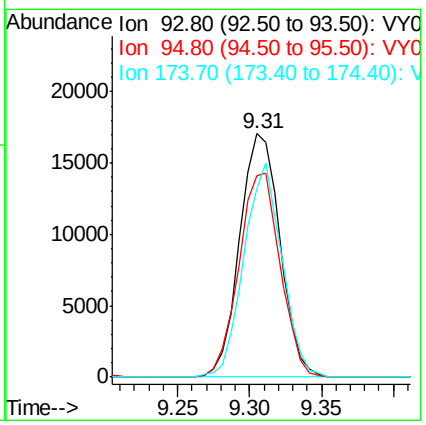


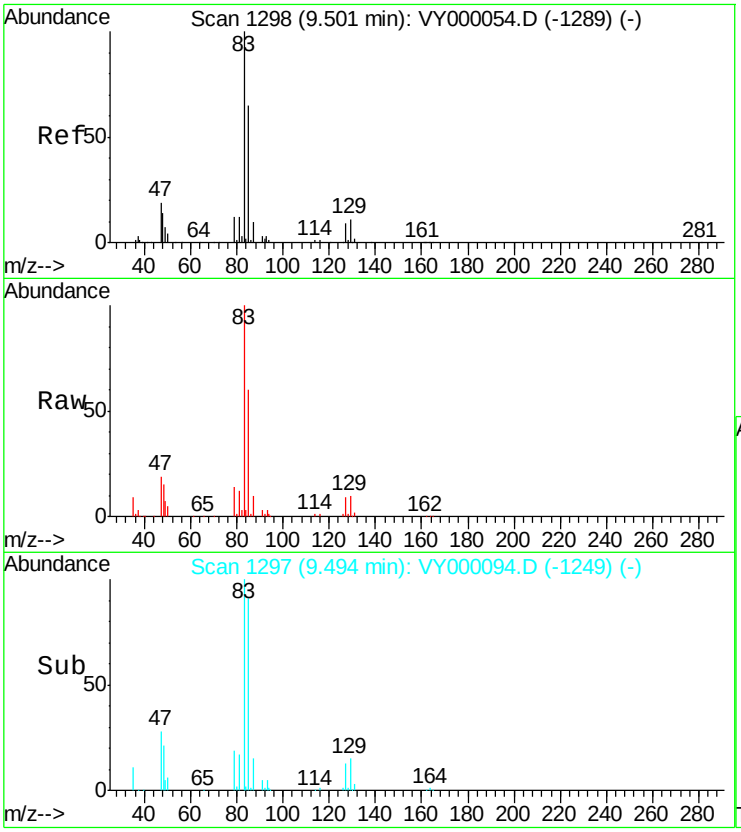




#46
Dibromomethane
Concen: 54.458 ug/l
RT: 9.31 min Scan# 1266
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 93 Resp: 33072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 85.5 | 68.1 | 102.1 |
| 174 | 82.3 | 67.8 | 101.6 |



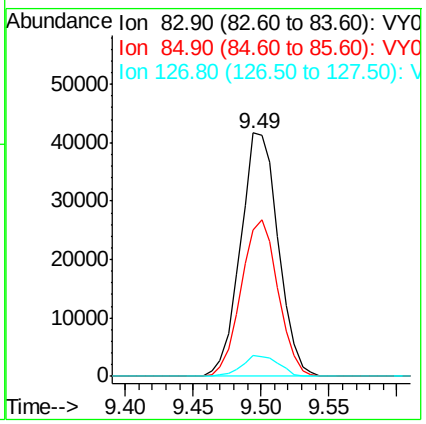


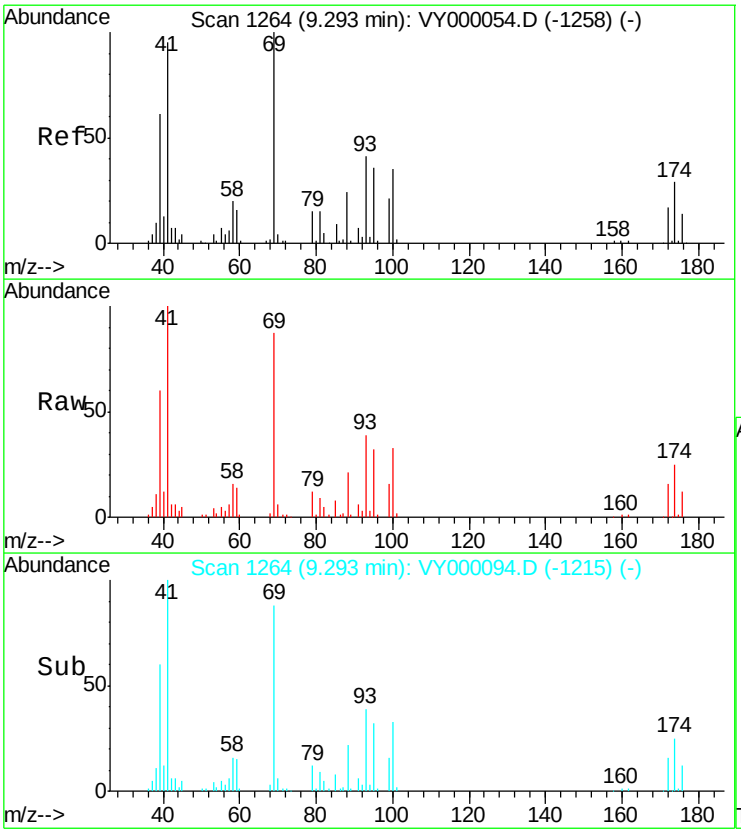

#47
Bromodichloromethane
Concen: 54.888 ug/l
RT: 9.49 min Scan# 1297
Delta R.T. -0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 83 Resp: 80886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 60.2 | 52.3 | 78.5 |
| 127 | 8.5 | 6.8 | 10.2 |

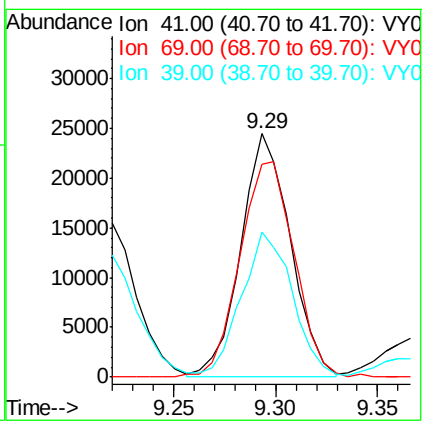


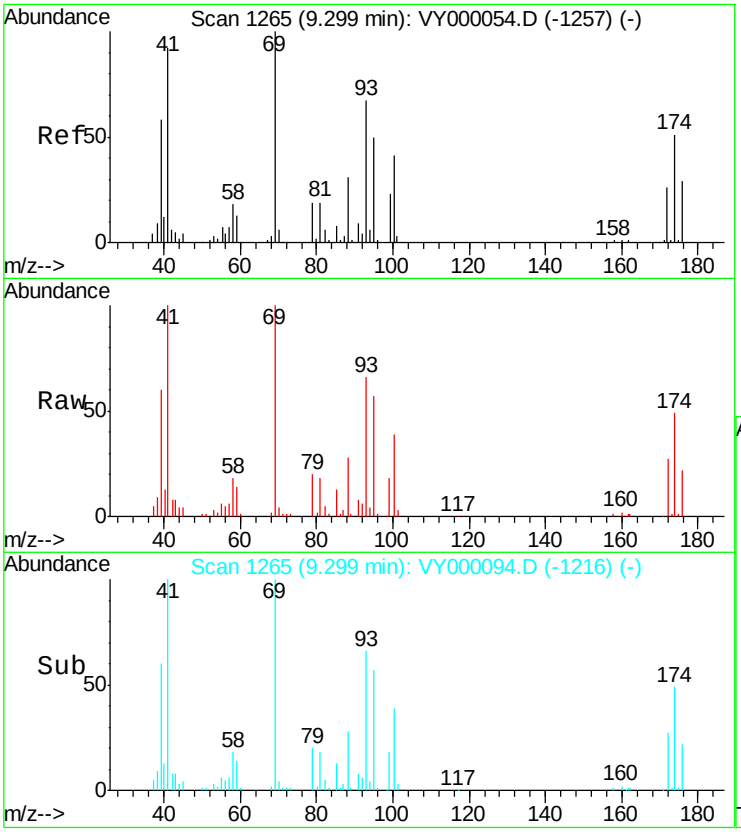




#48
Methyl methacrylate
Concen: 55.646 ug/l
RT: 9.29 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 41 Resp: 41457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 96.9 | 78.1 | 117.1 |
| 39 | 61.7 | 49.4 | 74.0 |



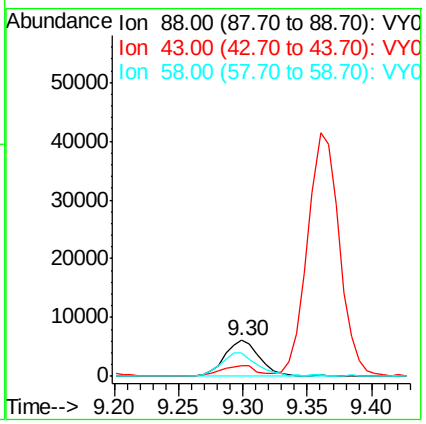


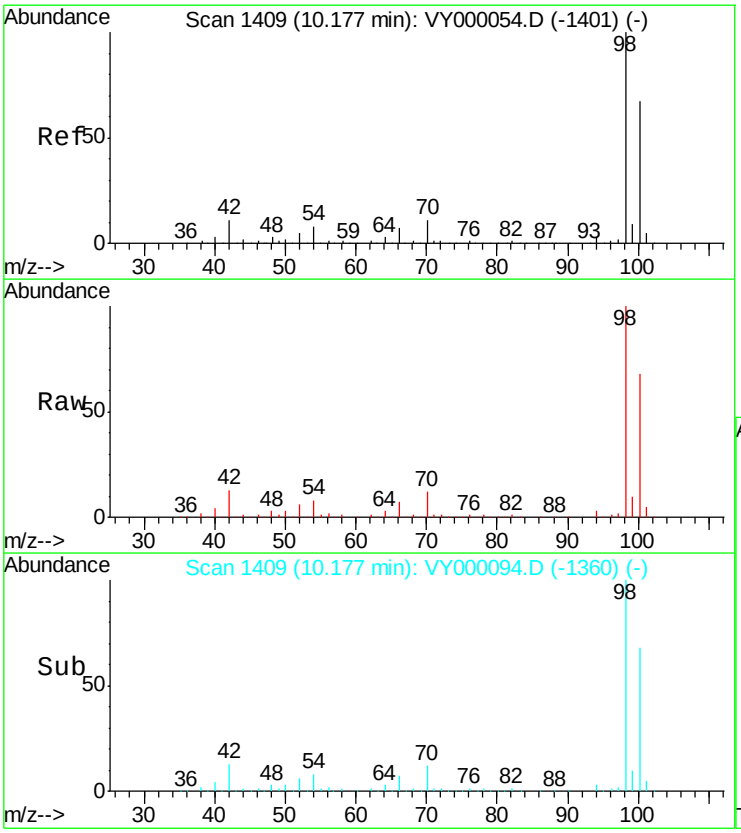

#49
1,4-Dioxane
Concen: 1002.303 ug/l
RT: 9.30 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 88 Resp: 11818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 31.5 | 18.7 | 28.1# |
| 58 | 68.6 | 53.0 | 79.6 |

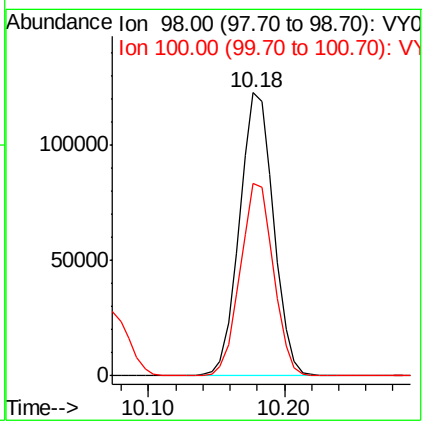


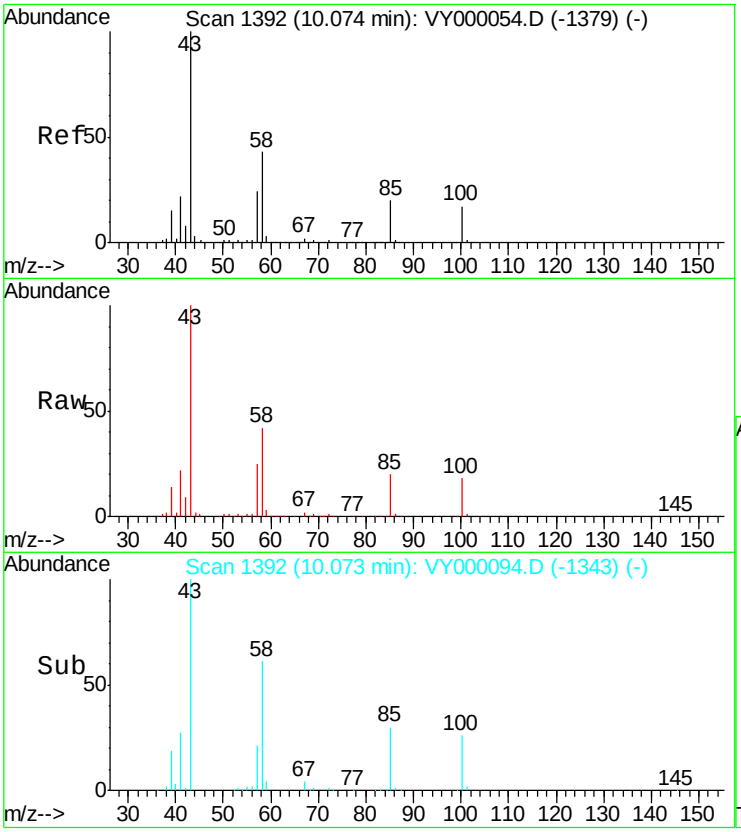




#50
Toluene-d8
Concen: 51.851 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 98 Resp: 214297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.6 | 53.1 | 79.7 |



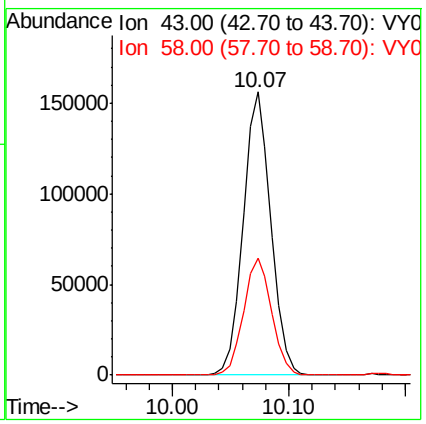


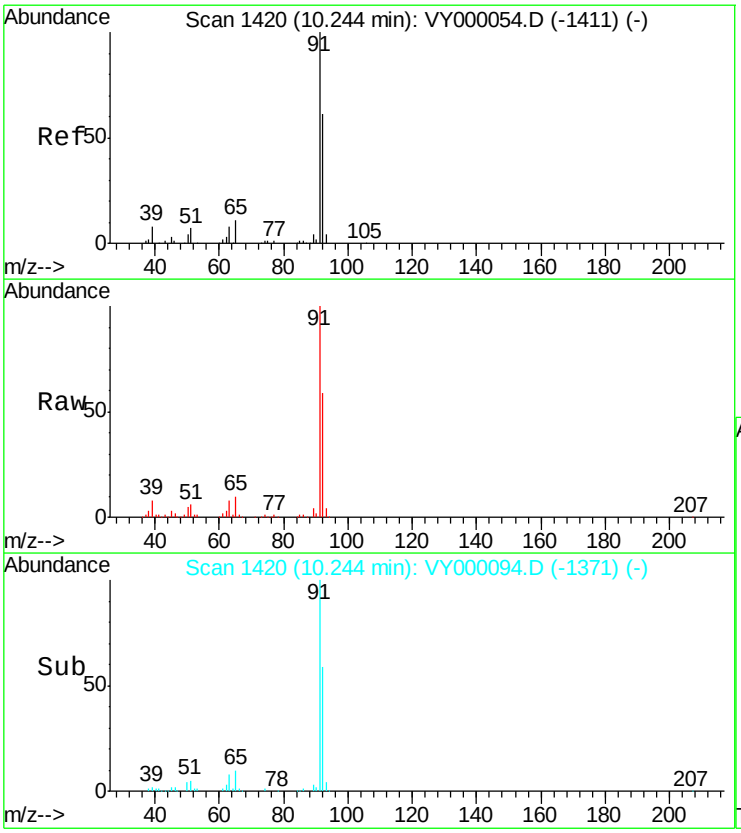

#51
4-Methyl-2-Pentanone
Concen: 277.876 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 257012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 41.8 | 34.2 | 51.2 |

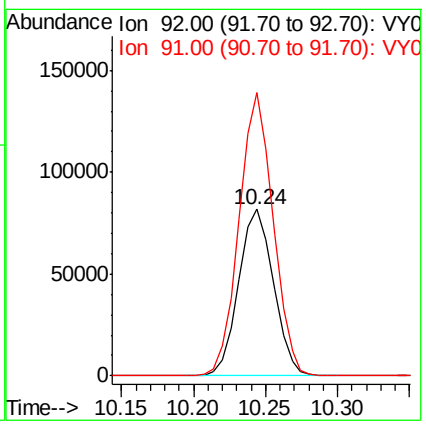


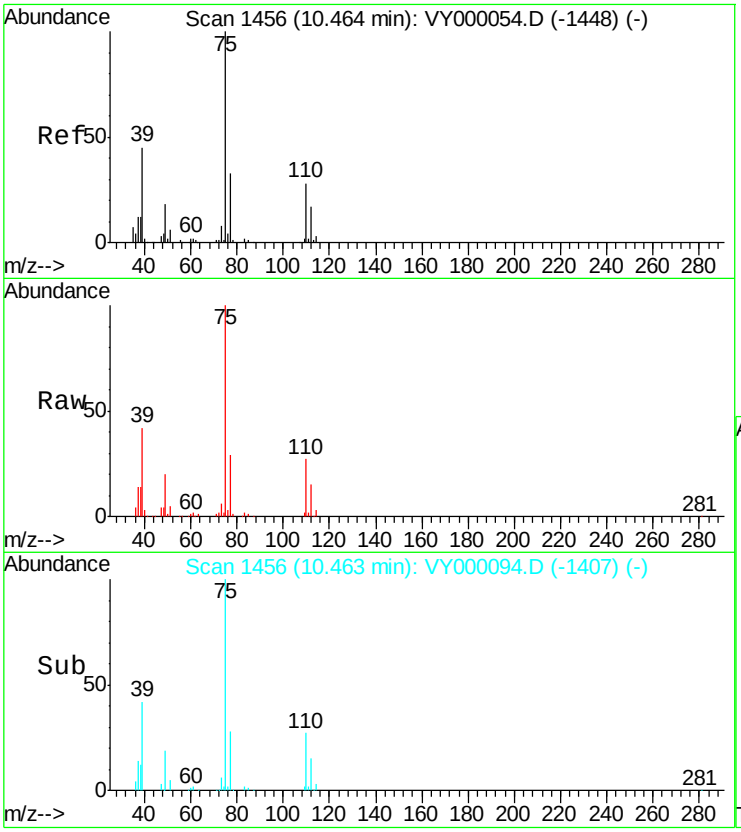




#52
Toluene
Concen: 50.352 ug/l
RT: 10.24 min Scan# 1420
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 92 Resp: 137303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 165.7 | 135.8 | 203.6 |



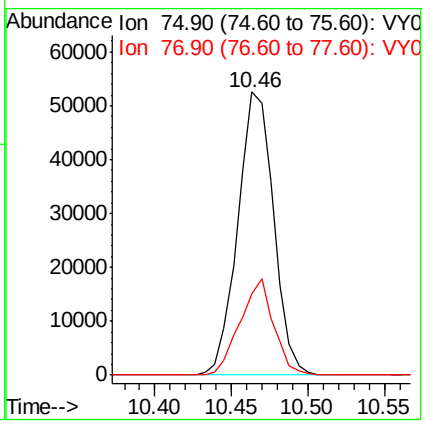


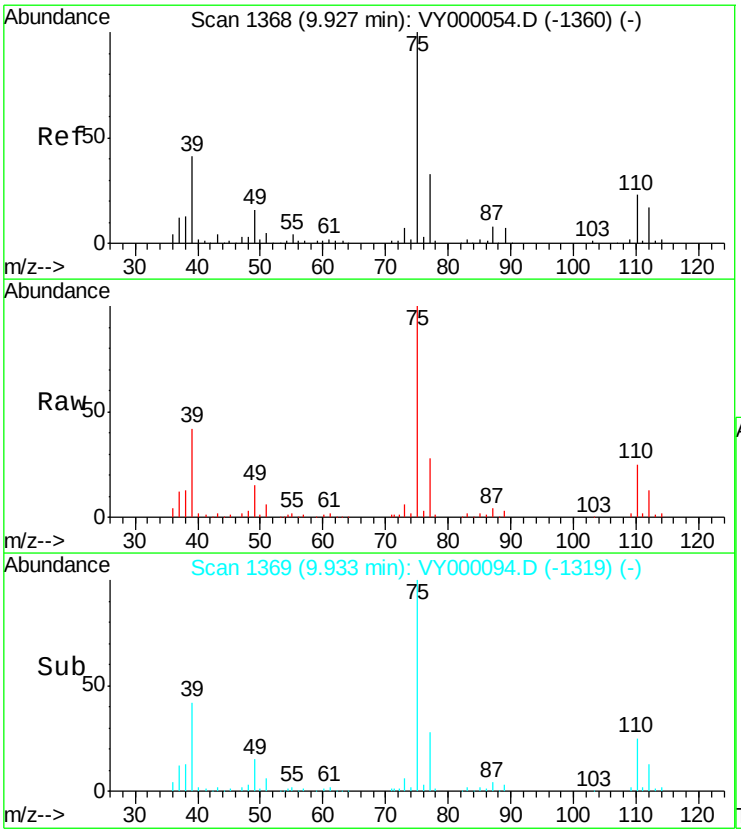

#53
t-1,3-Dichloropropene
Concen: 54.643 ug/l
RT: 10.46 min Scan# 1456
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 75 Resp: 85380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 28.5 | 26.2 | 39.2 |

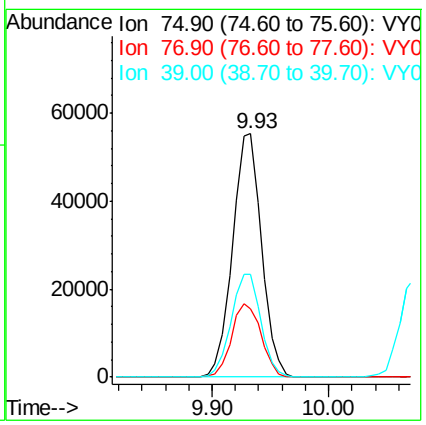


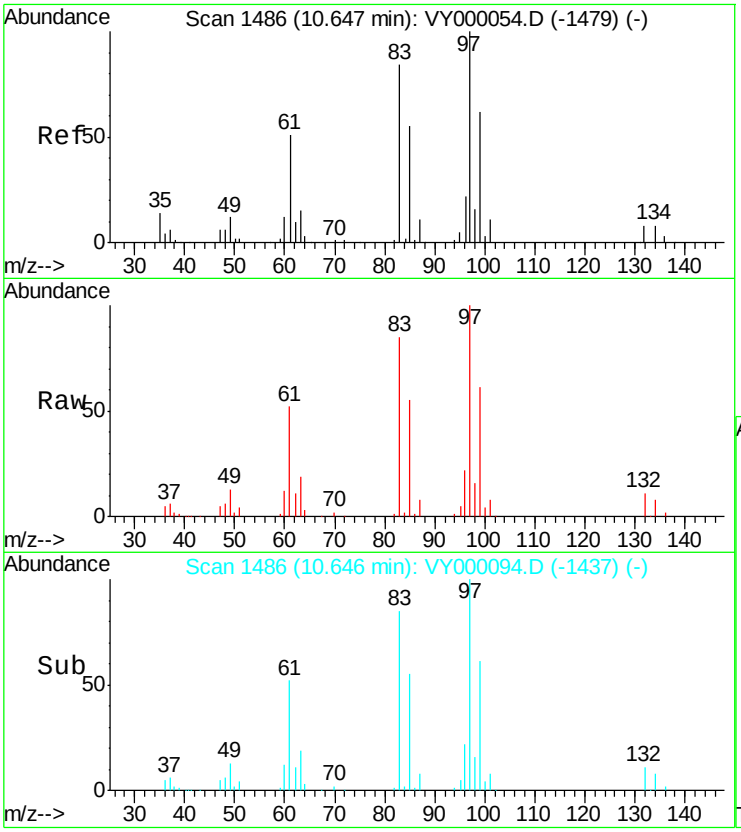




#54
cis-1,3-Dichloropropene
Concen: 53.326 ug/l
RT: 9.93 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 75 Resp: 96219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 28.2 | 26.1 | 39.1 |
| 39 | 42.1 | 33.1 | 49.7 |



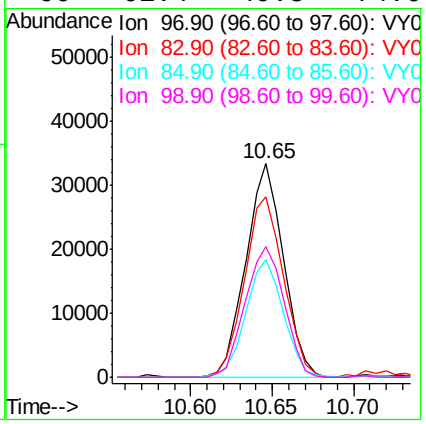


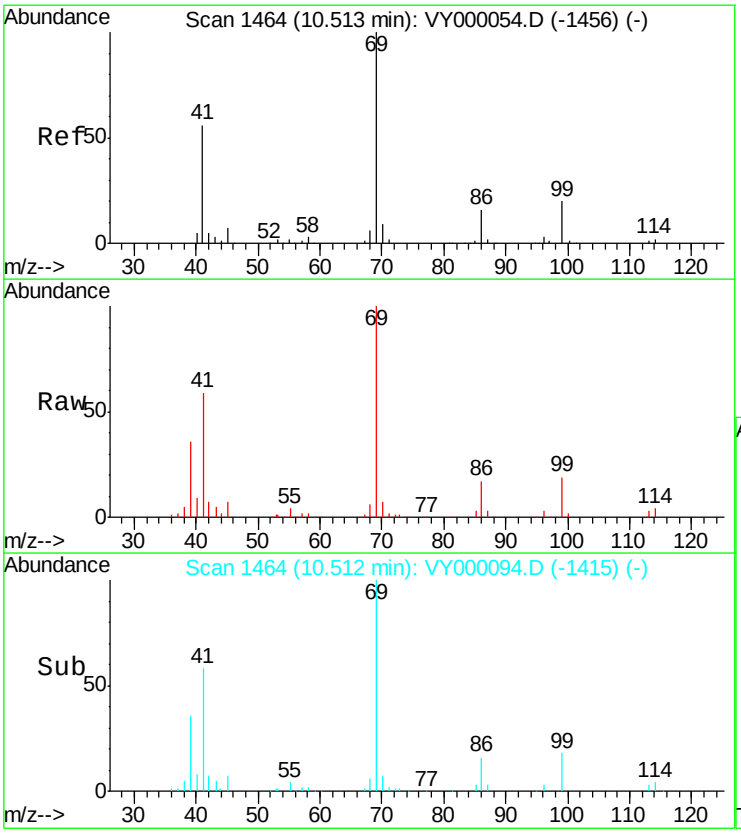

#55
1,1,2-Trichloroethane
Concen: 56.468 ug/l
RT: 10.65 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 97 Resp: 53763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 84.7 | 67.3 | 100.9 |
| 85 | 55.2 | 43.6 | 65.4 |
| 99 | 61.4 | 49.8 | 74.6 |

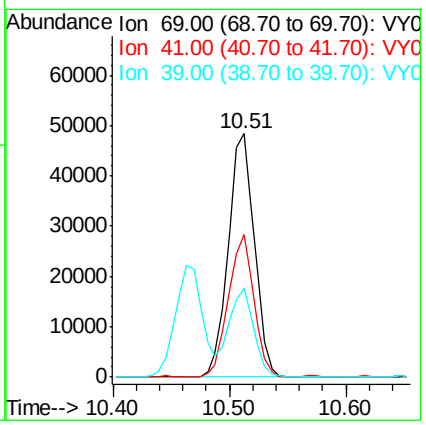


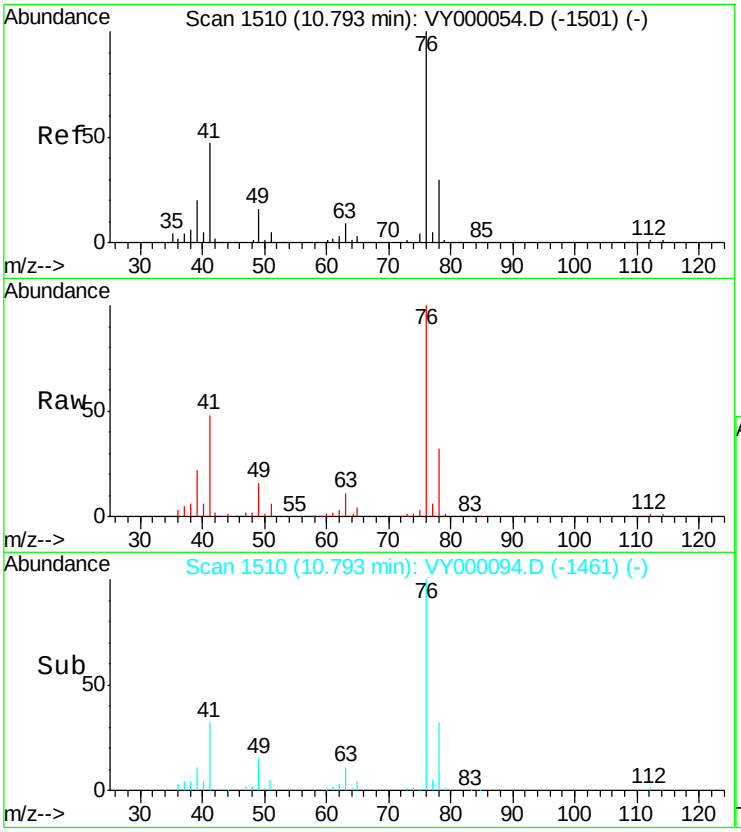




#56
Ethyl methacrylate
Concen: 55.939 ug/l
RT: 10.51 min Scan# 1464
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 69 Resp: 75787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 57.2 | 45.6 | 68.4 |
| 39 | 34.8 | 27.3 | 40.9 |



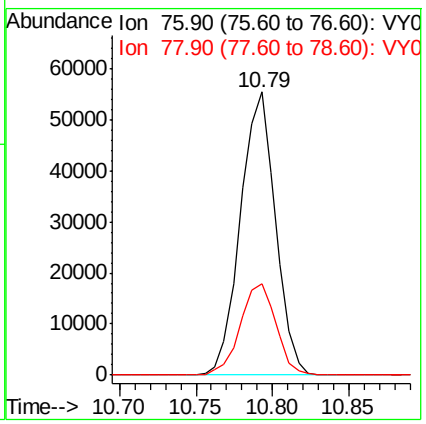


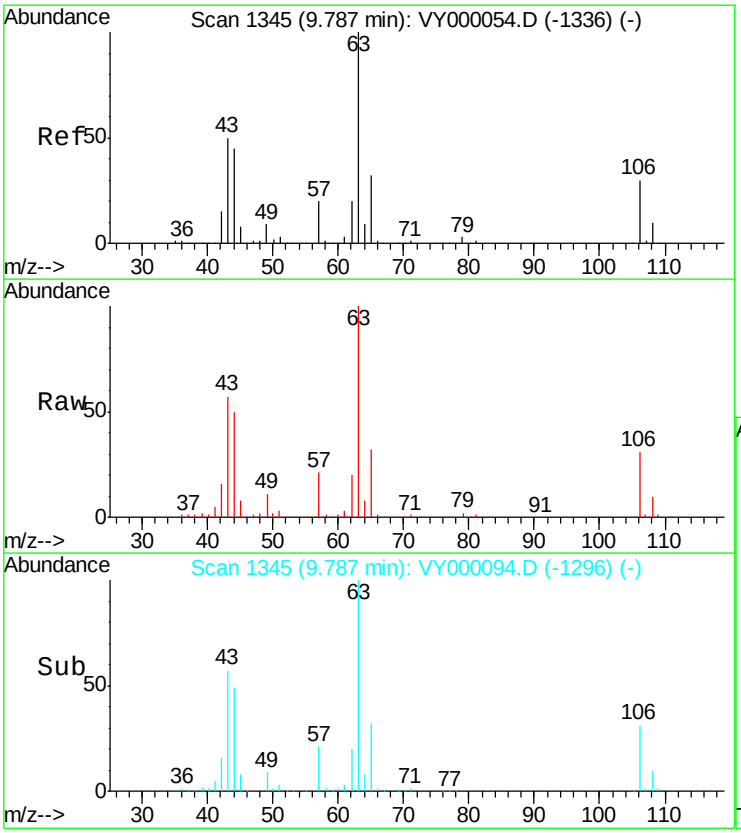

#57
1,3-Dichloropropane
Concen: 54.933 ug/l
RT: 10.79 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 76 Resp: 87856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 33.2 | 26.6 | 40.0 |

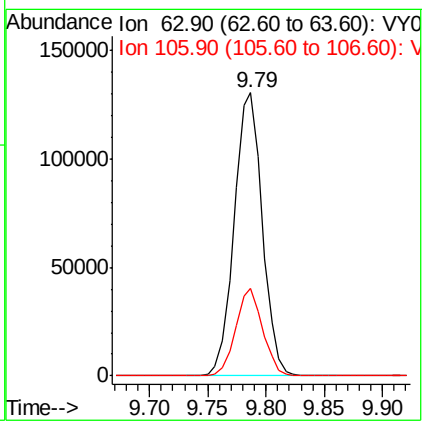


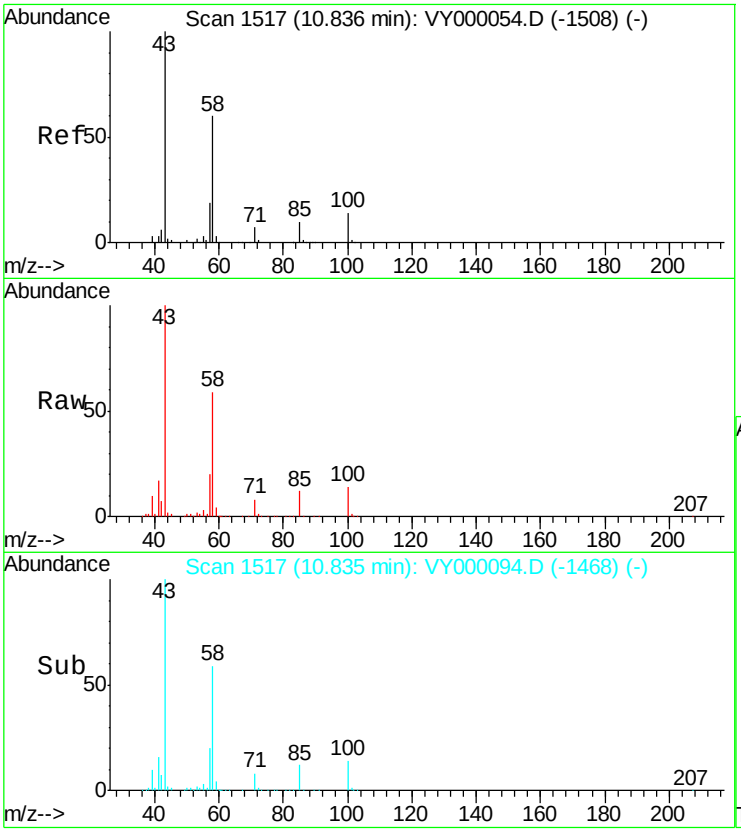




#58
2-Chloroethyl Vinyl ether
Concen: 298.932 ug/l
RT: 9.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 63 Resp: 218929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 29.6 | 23.3 | 34.9 |



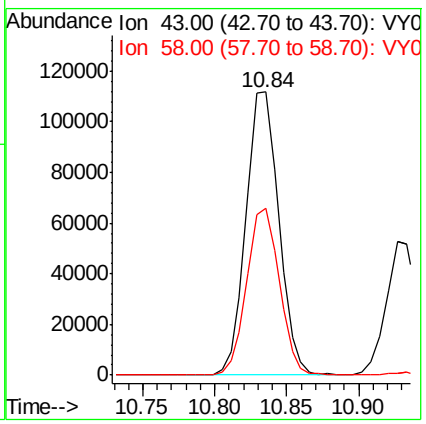


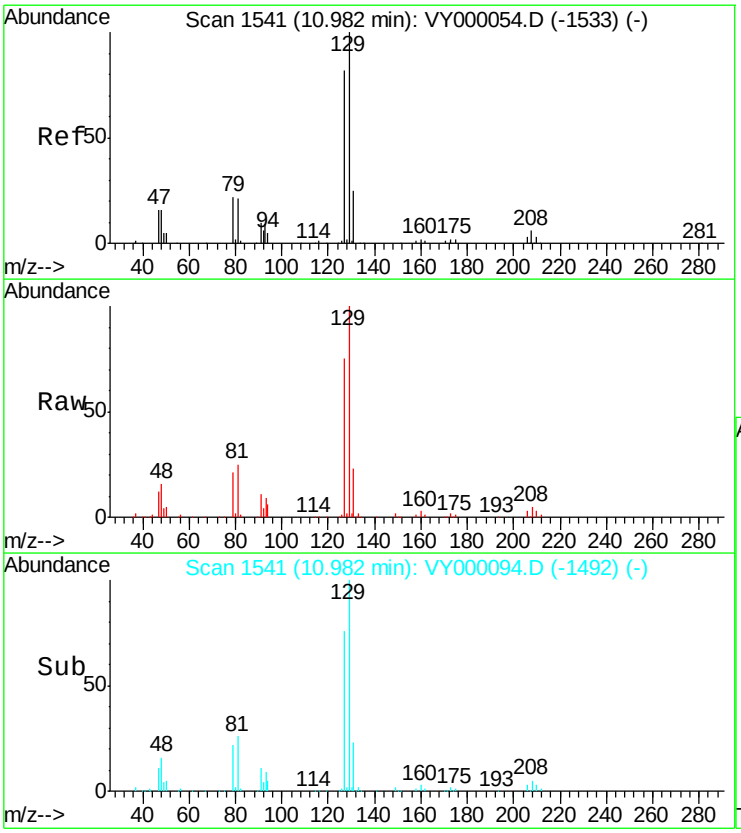

#59
2-Hexanone
Concen: 266.885 ug/l
RT: 10.84 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 176103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 58.8 | 29.9 | 89.7 |

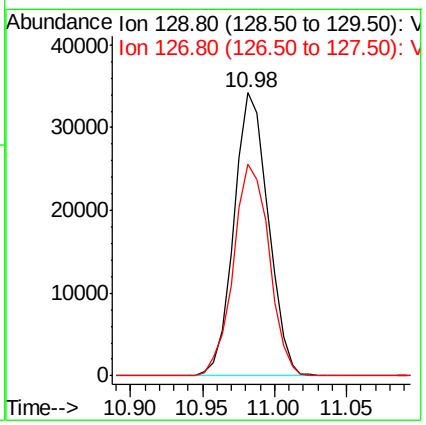


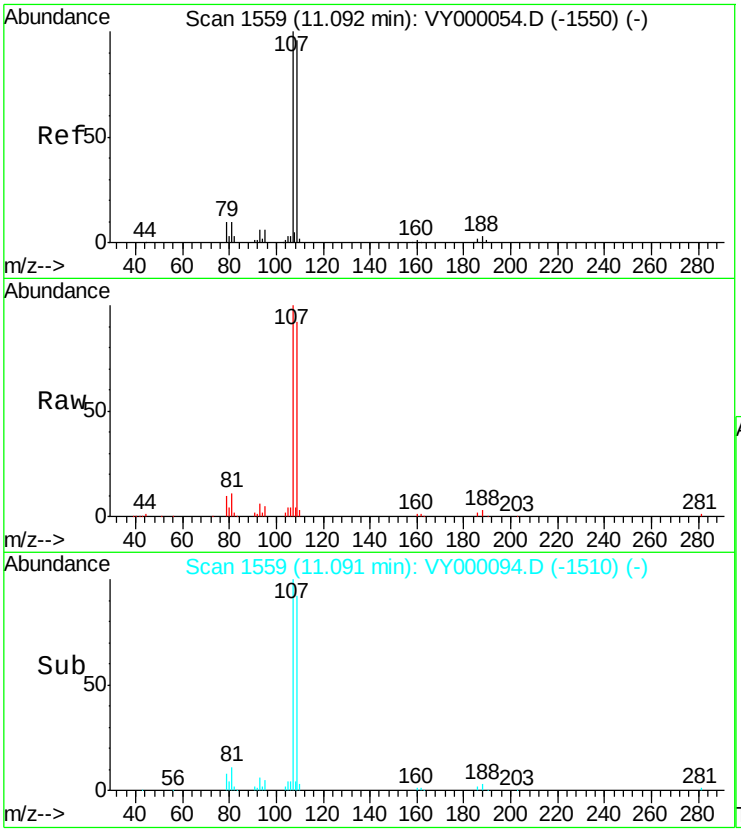




#60
Dibromochloromethane
Concen: 57.013 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion:129 Resp: 56868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.6 | 40.2 | 120.6 |



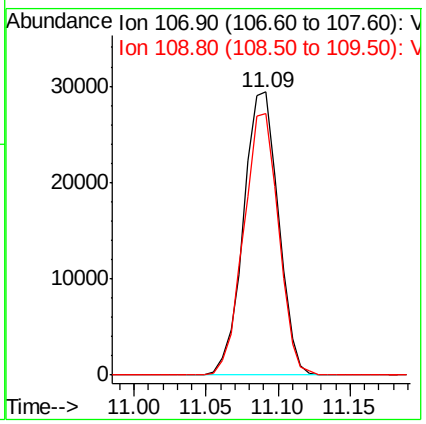


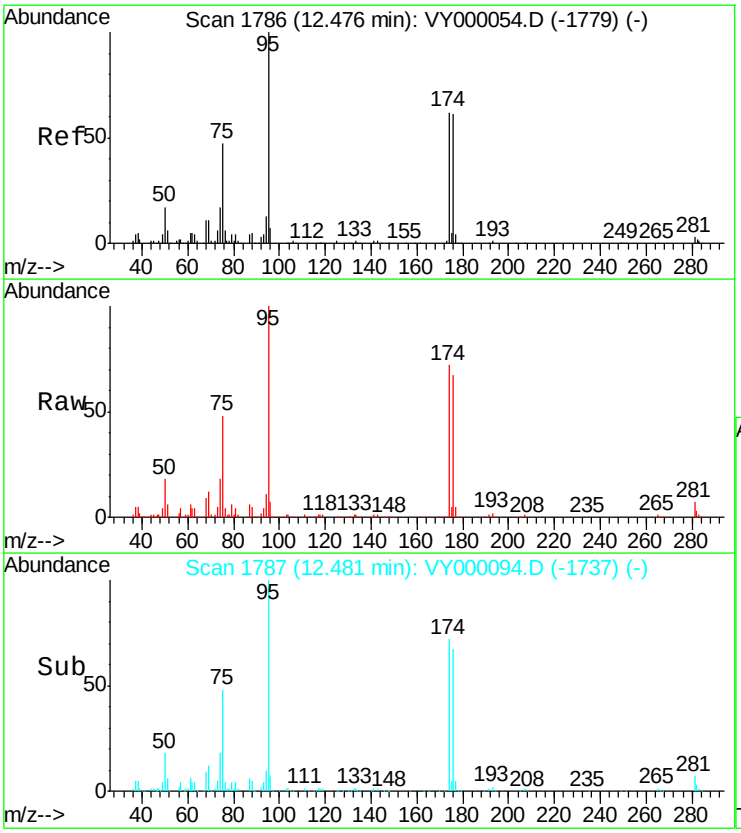

#61
1,2-Dibromoethane
Concen: 56.555 ug/l
RT: 11.09 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:107 Resp: 49182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 92.4 | 75.0 | 112.6 |

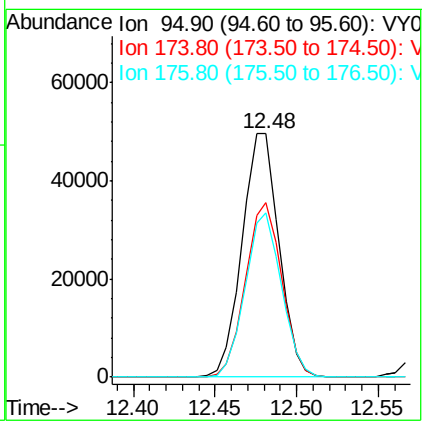


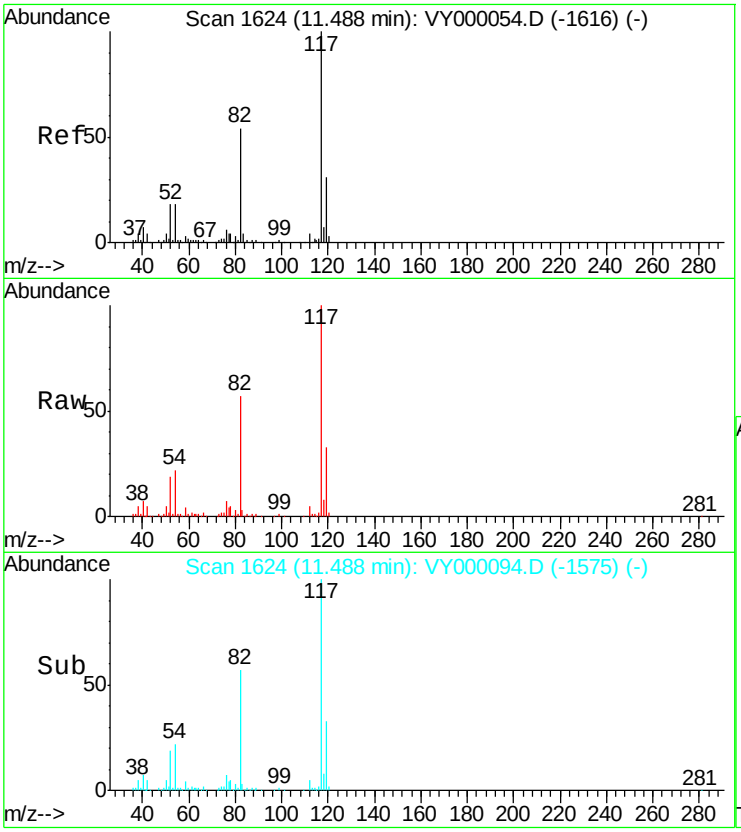




#62
4-Bromofluorobenzene
Concen: 51.139 ug/l
RT: 12.48 min Scan# 1787
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 95 Resp: 78470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 70.6 | 0.0 | 137.2 |
| 176 | 66.1 | 0.0 | 135.0 |



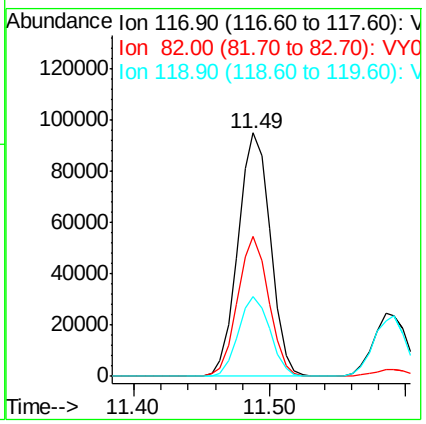


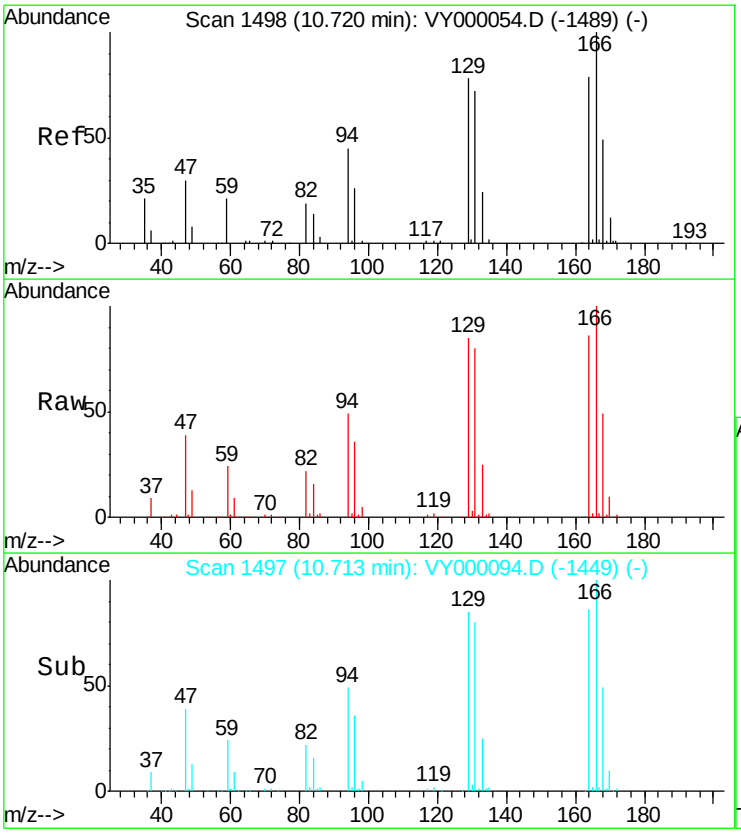

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050EC

Tgt Ion:117 Resp: 158083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.4 | 43.5 | 65.3 |
| 119 | 32.6 | 24.6 | 36.8 |

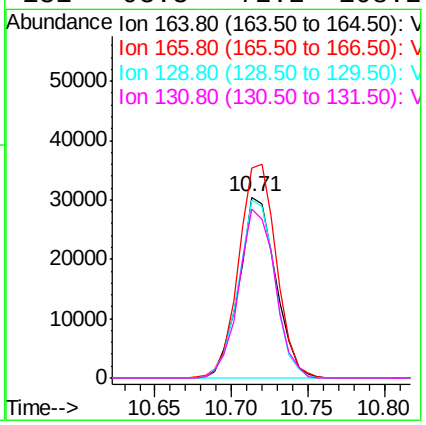


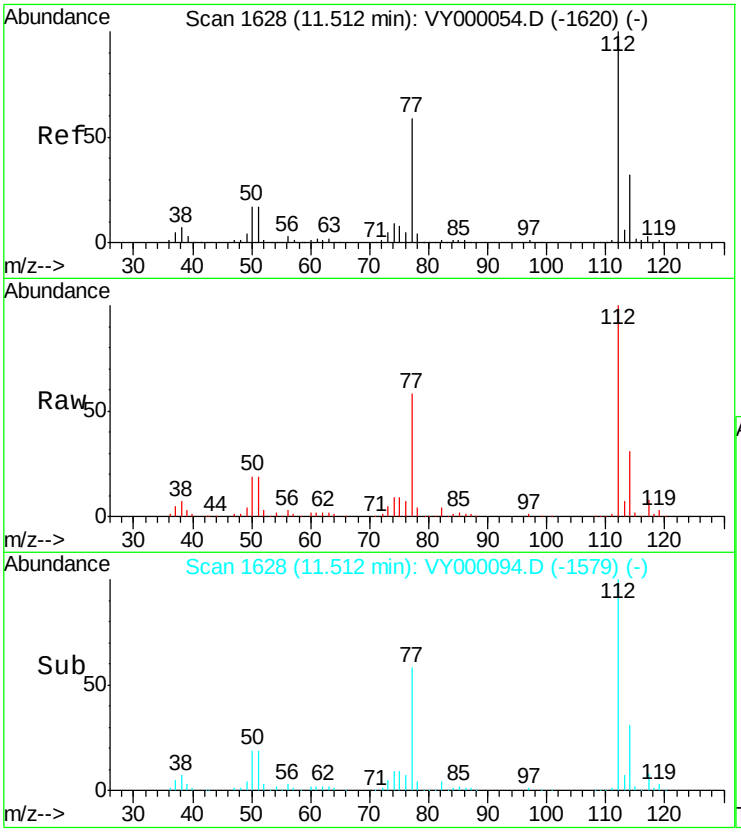




#64
Tetrachloroethene
Concen: 51.181 ug/l
RT: 10.71 min Scan# 1497
Delta R.T. -0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion:164 Resp: 50782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 116.5 | 100.9 | 151.3 |
| 129 | 98.4 | 78.4 | 117.6 |
| 131 | 93.3 | 72.2 | 108.2 |



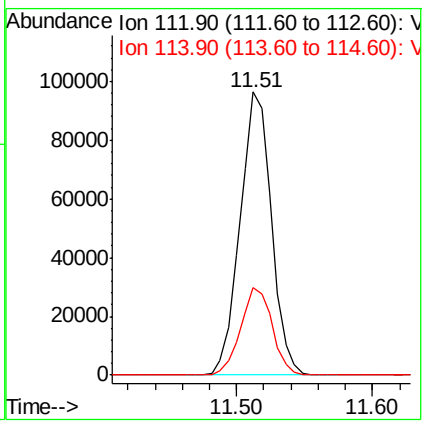


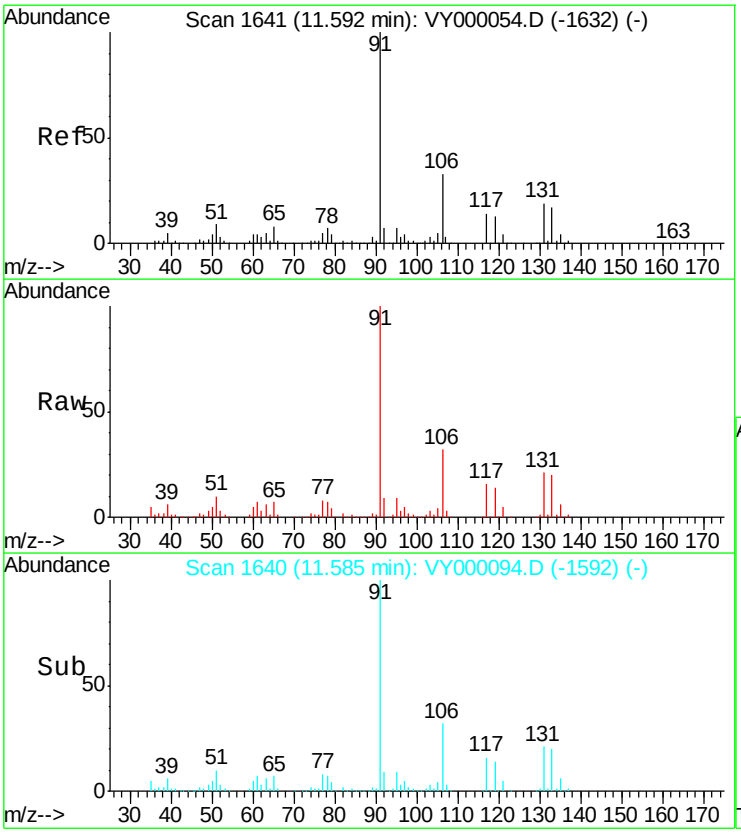

#65
Chlorobenzene
Concen: 49.687 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:112 Resp: 155367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 30.8 | 25.6 | 38.4 |

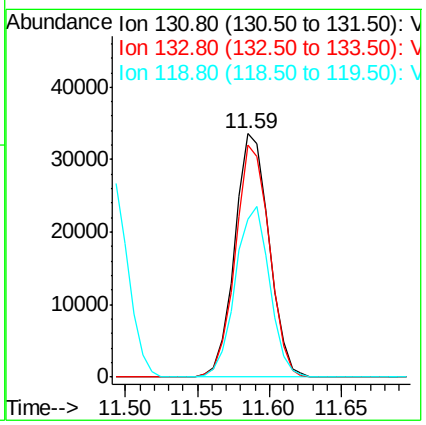


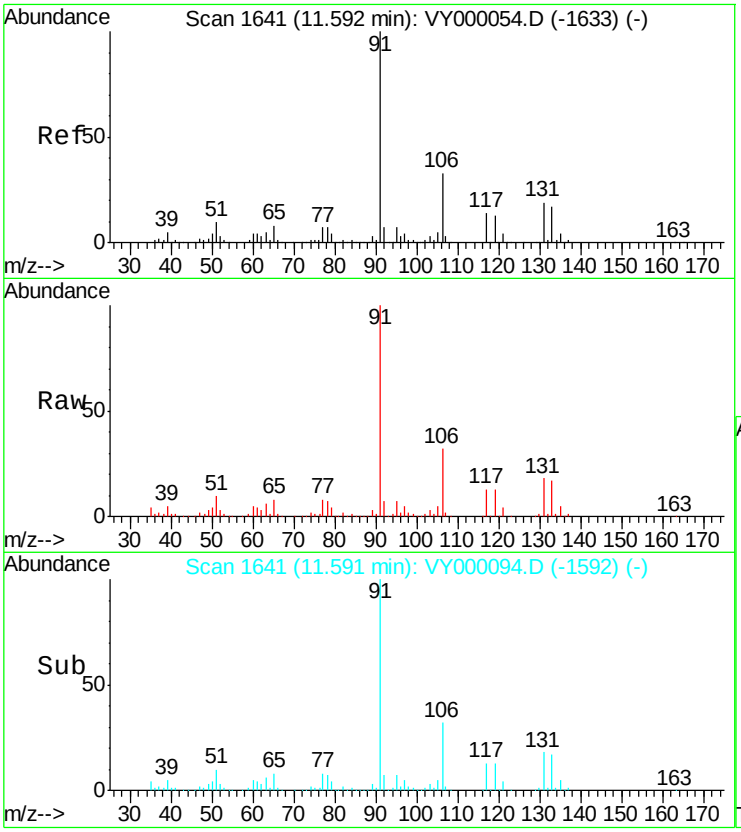




#66
1,1,1,2-Tetrachloroethane
Concen: 52.549 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. -0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion:131 Resp: 55558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.1 | 46.6 | 139.8 |
| 119 | 69.9 | 36.2 | 108.6 |



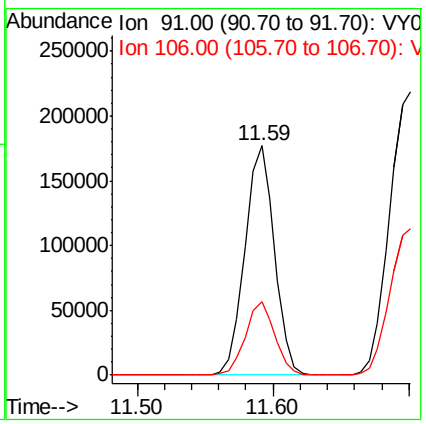


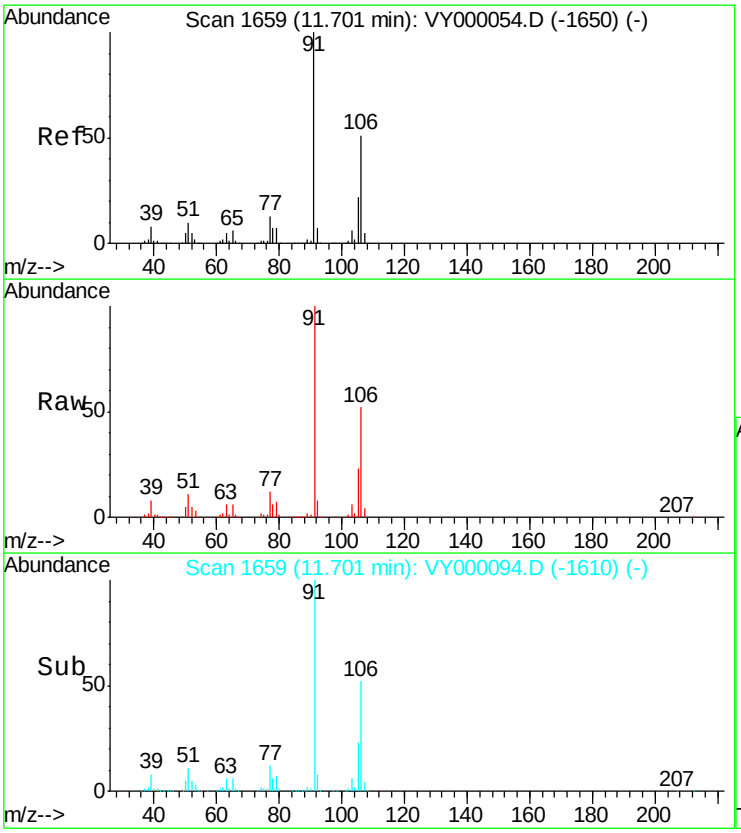

#67
Ethyl Benzene
Concen: 48.389 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 91 Resp: 270030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.9 | 26.6 | 40.0 |

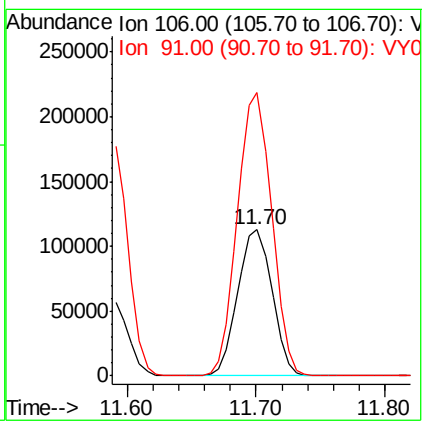


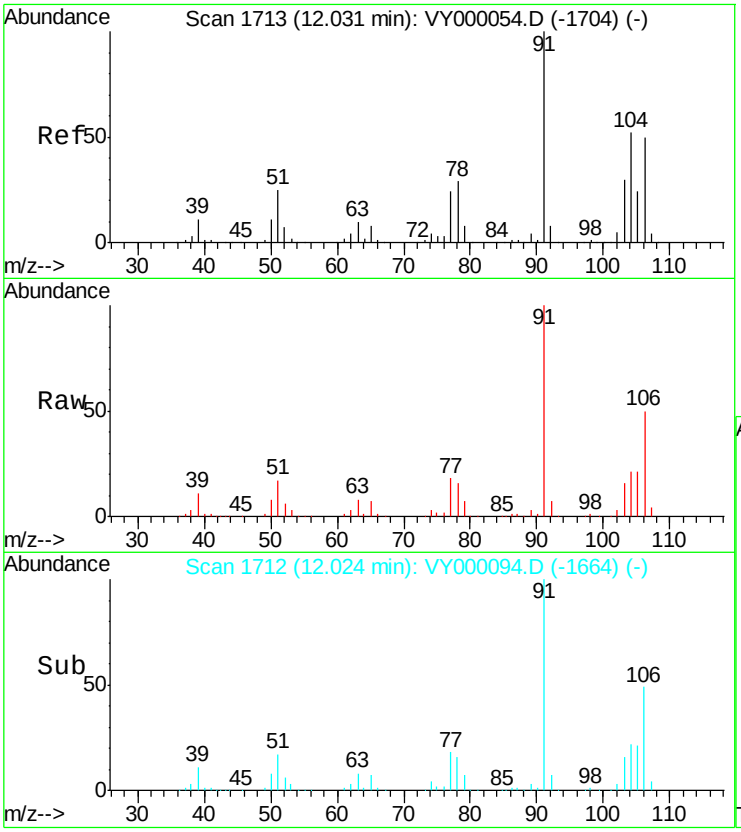




#68
m/p-Xylenes
Concen: 98.269 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion:106 Resp: 208663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 193.6 | 154.5 | 231.7 |



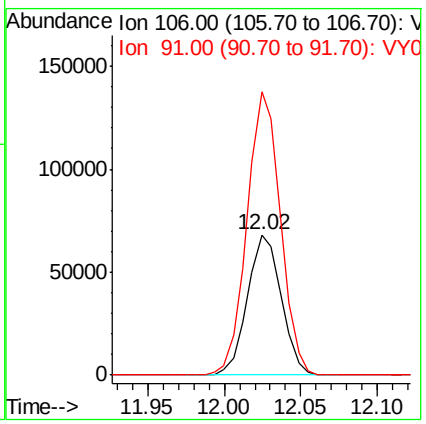


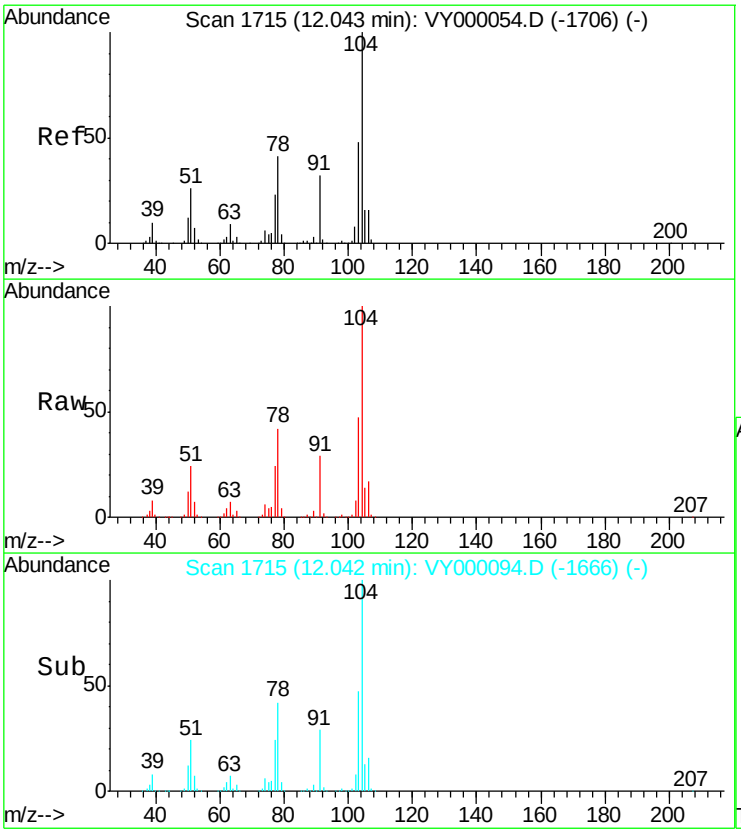

#69
o-Xylene
Concen:  51.045 ug/l
RT: 12.02 min  Scan# 1712
Delta R.T.  -0.01 min
Lab File:  VY000094.D
Acq: 19 Sep 2019  21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:106 Resp:  104950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 199.1 | 103.5 | 310.3 |

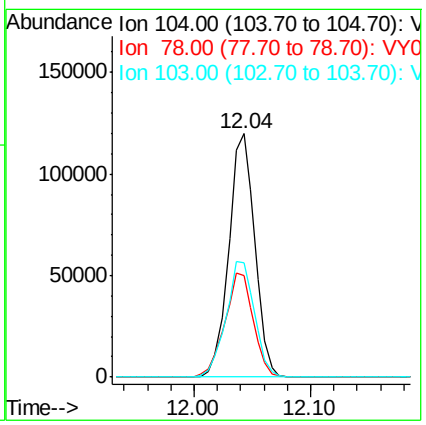


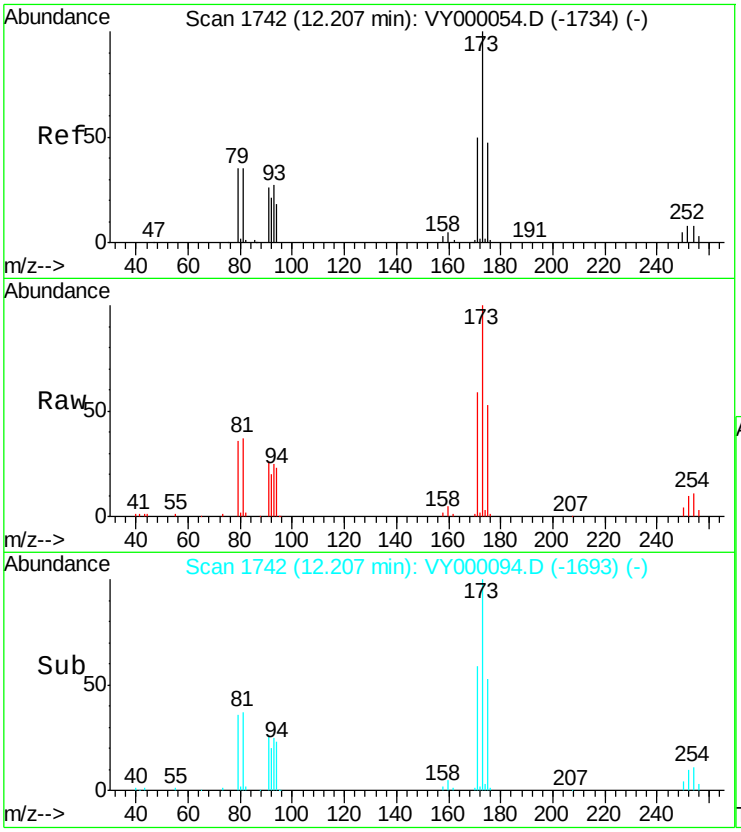




#70
Styrene
Concen:  51.468 ug/l
RT: 12.04 min  Scan# 1715
Delta R.T.  -0.00 min
Lab File:  VY000094.D
Acq: 19 Sep 2019  21:44

Tgt Ion:104 Resp:  185770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 46.8 | 37.7 | 56.5 |
| 103 | 51.9 | 42.2 | 63.4 |



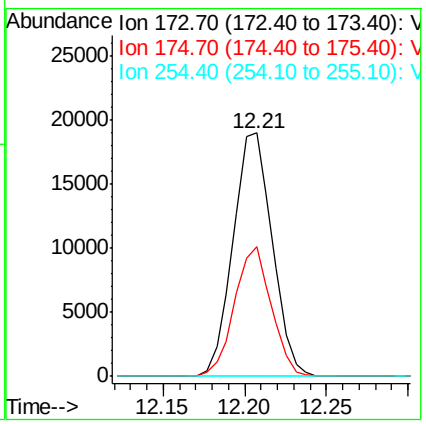


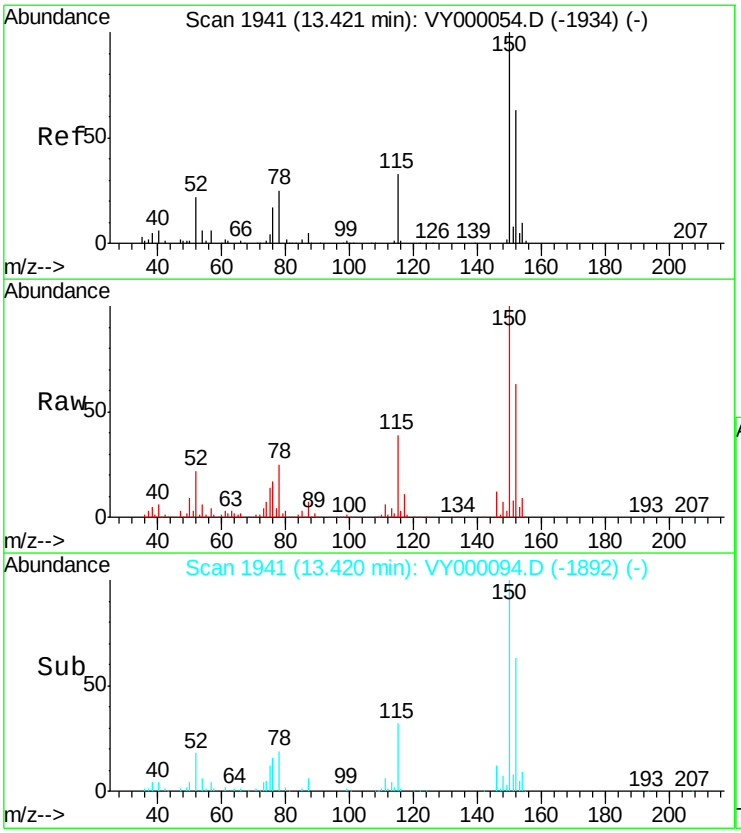

#71
Bromoform
Concen: 51.826 ug/l
RT: 12.21 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:173 Resp: 31721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.9 | 23.6 | 71.0 |
| 254 | 0.0 | 0.0 | 0.0 |

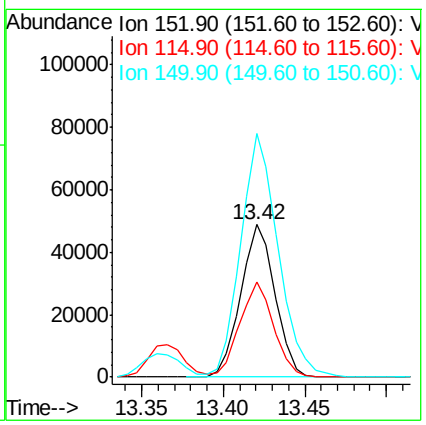


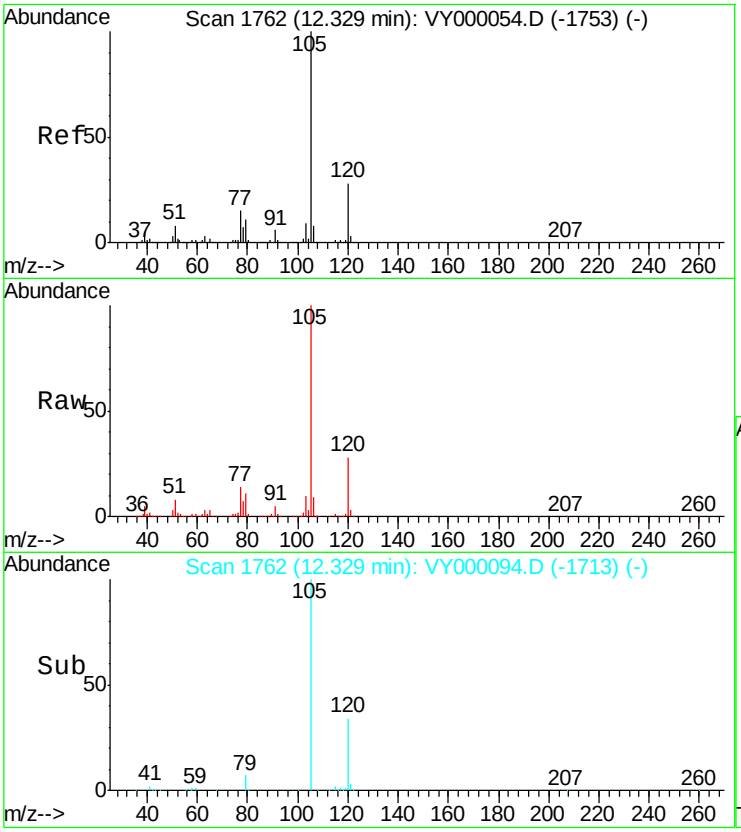




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion:152 Resp: 71694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 61.3 | 30.7 | 92.1 |
| 150 | 173.7 | 0.0 | 351.6 |



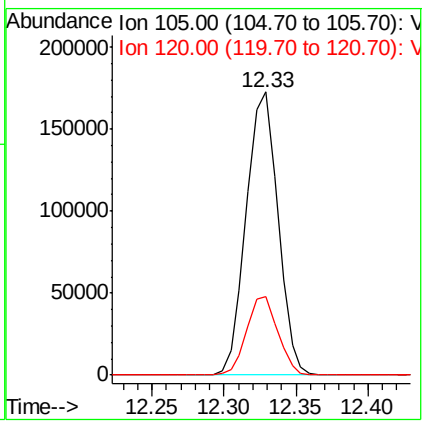


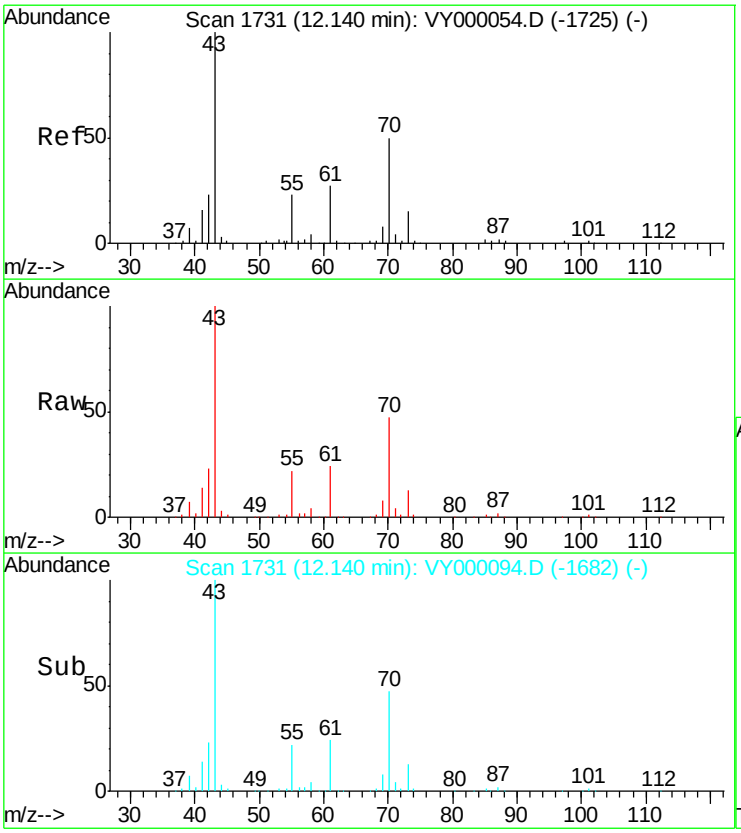

#73
Isopropylbenzene
Concen: 45.611 ug/l
RT: 12.33 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:105 Resp: 263533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.3 | 13.9 | 41.7 |

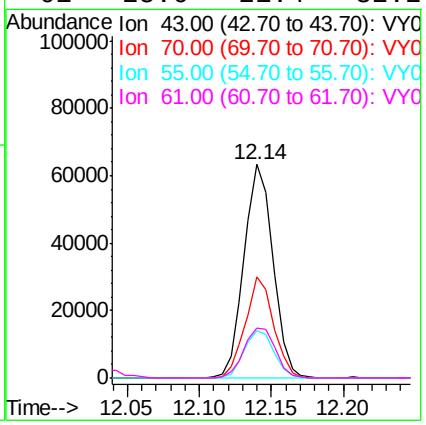


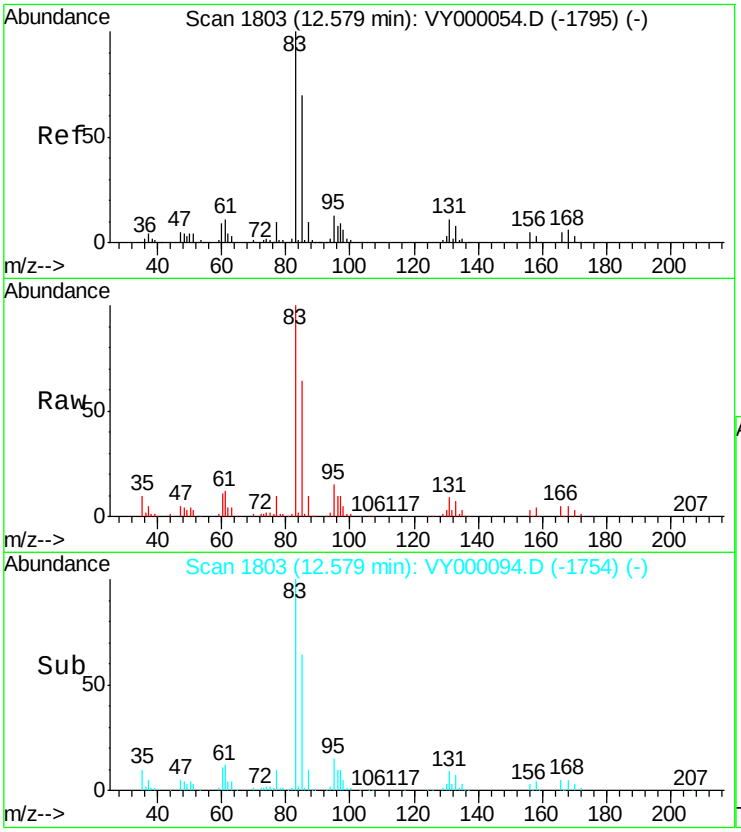




#74
N-amyl acetate
Concen: 53.487 ug/l
RT: 12.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 43 Resp: 88040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 46.2 | 38.8 | 58.2 |
| 55 | 22.8 | 18.8 | 28.2 |
| 61 | 25.6 | 21.4 | 32.2 |



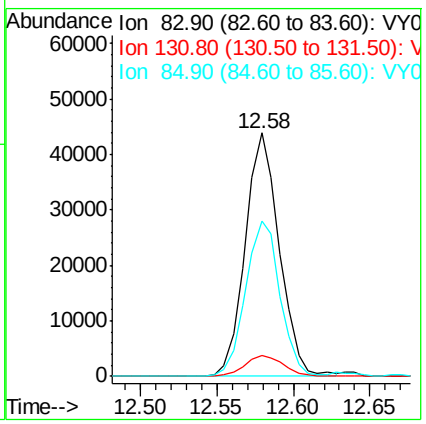


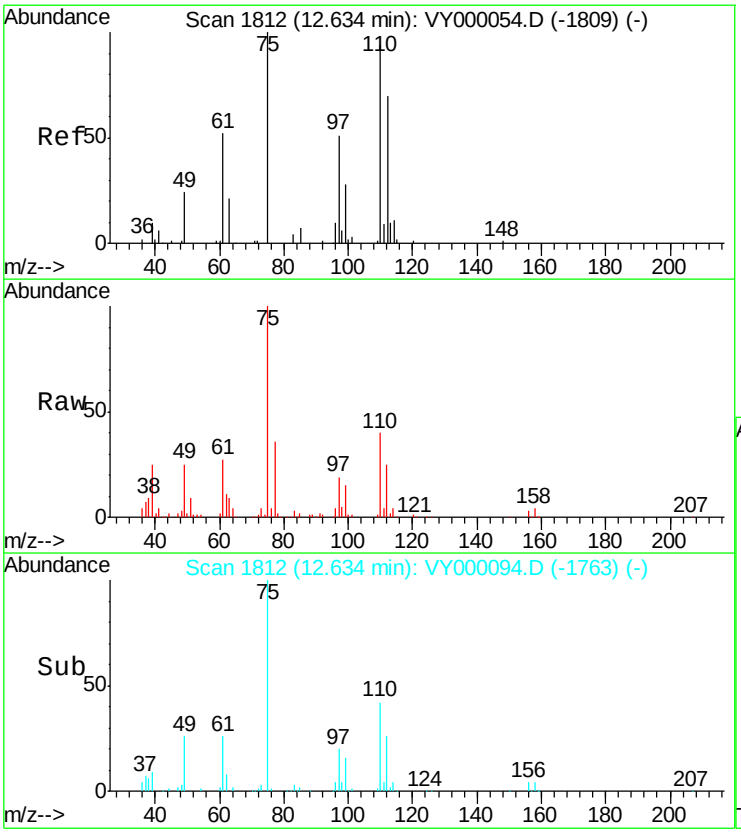

#75
1,1,2,2-Tetrachloroethane
Concen: 49.911 ug/l
RT: 12.58 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 83 Resp: 67883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.9 | 4.9 | 14.7 |
| 85 | 64.7 | 32.5 | 97.4 |

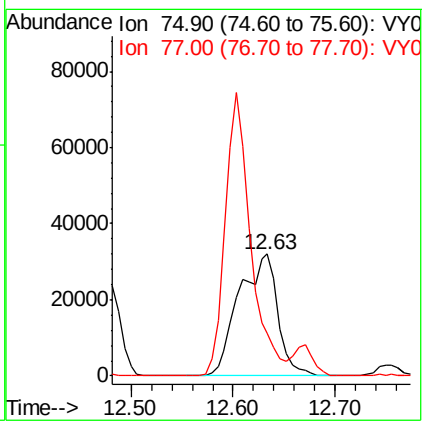


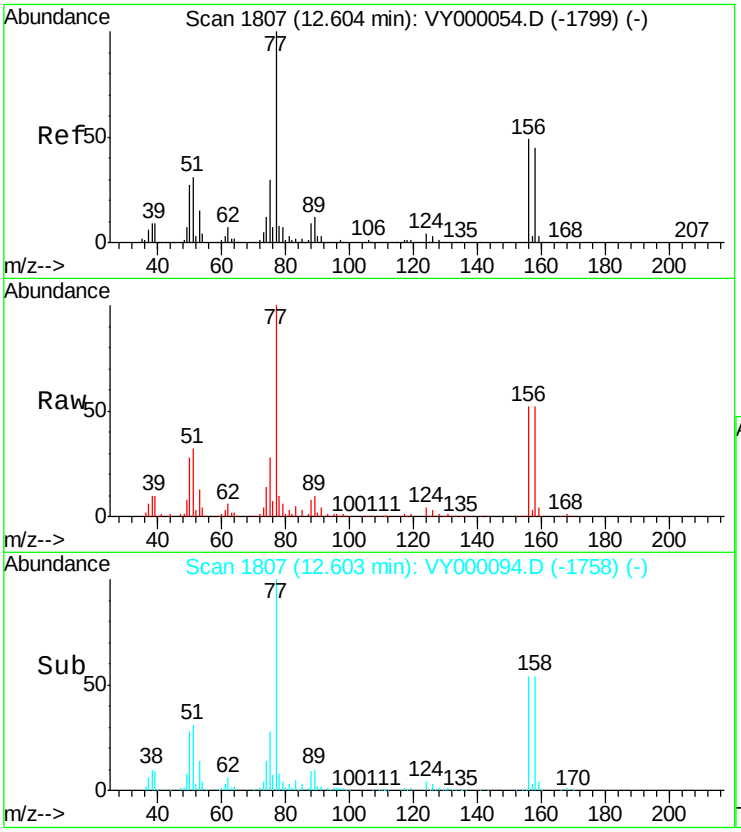




#76
1,2,3-Trichloropropane
Concen: 84.281 ug/l
RT: 12.63 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 75 Resp: 85017

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



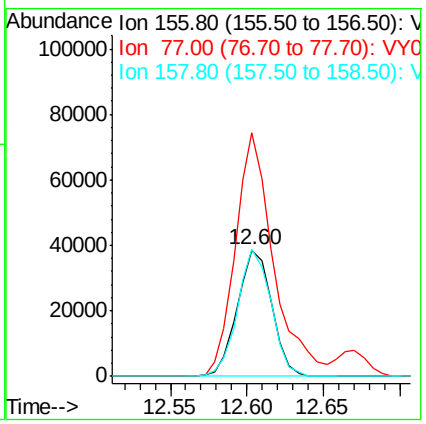


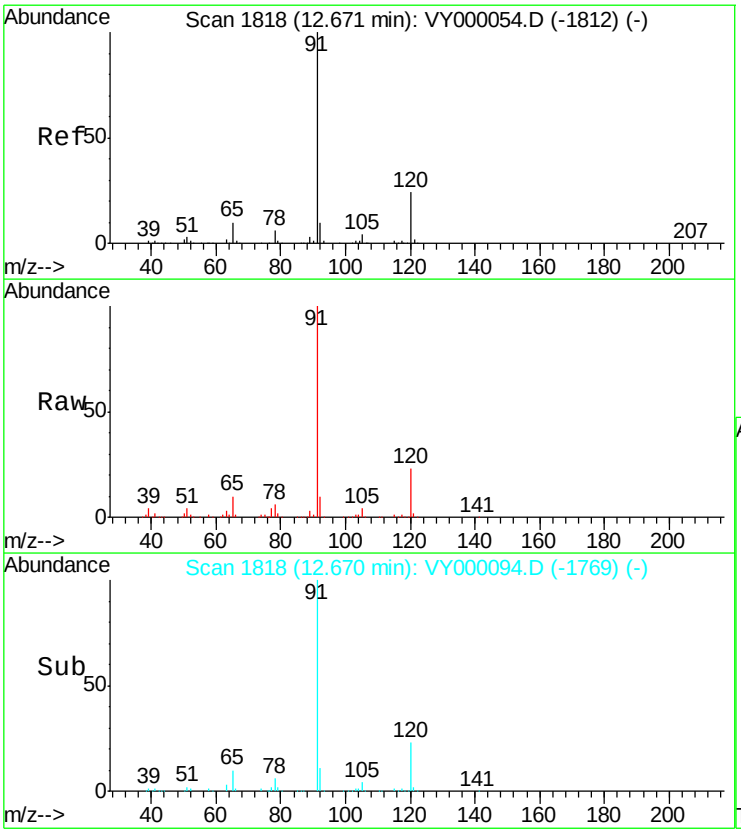

#77
Bromobenzene
Concen: 50.056 ug/l
RT: 12.60 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050EC

Tgt Ion:156 Resp: 60391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 213.4 | 109.7 | 329.0 |
| 158 | 97.7 | 48.0 | 144.2 |

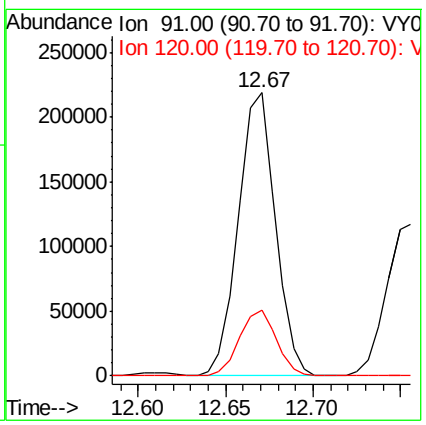


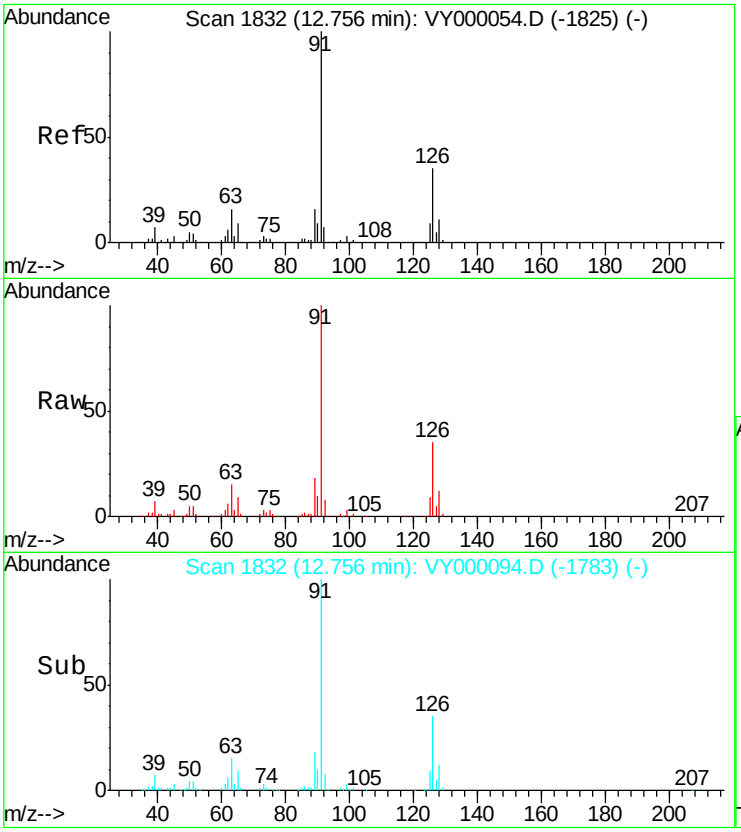




#78
n-propylbenzene
Concen: 45.942 ug/l
RT: 12.67 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 91 Resp: 323791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.0 | 11.5 | 34.5 |



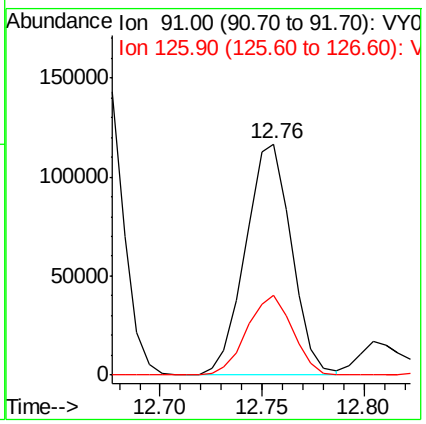


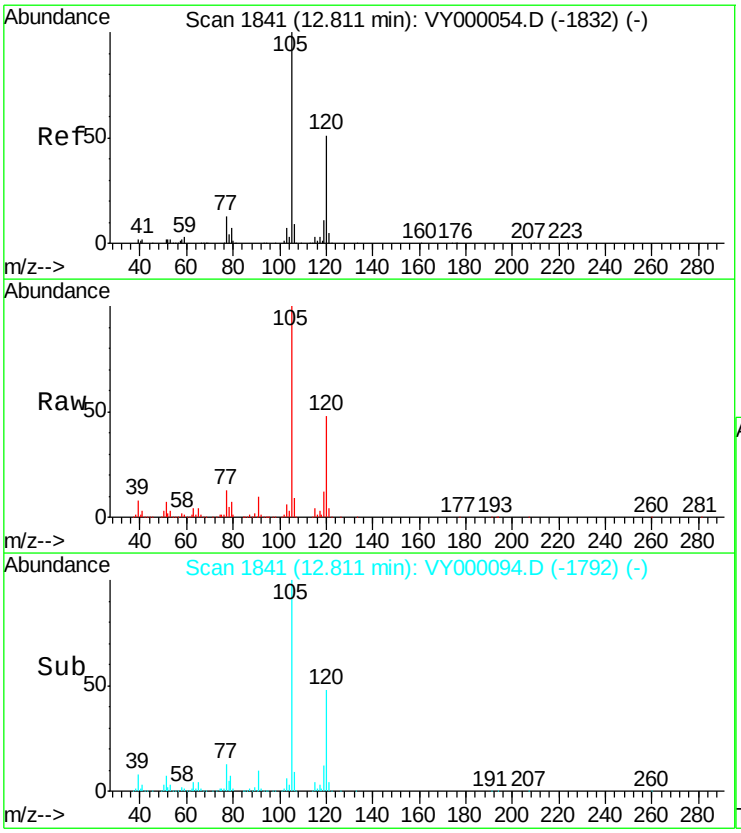

#79
2-Chlorotoluene
Concen: 46.624 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 91 Resp: 183708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.3 | 17.2 | 51.5 |

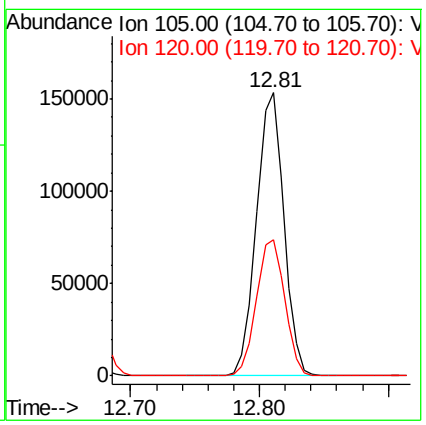


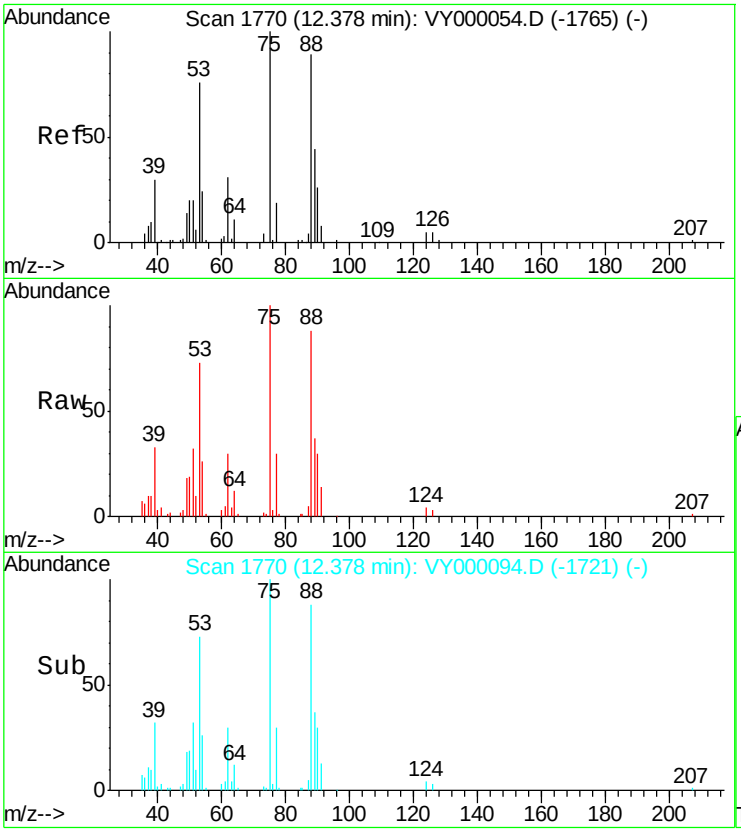




#80
1,3,5-Trimethylbenzene
Concen: 47.019 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion:105 Resp: 225041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 49.8 | 24.9 | 74.6 |



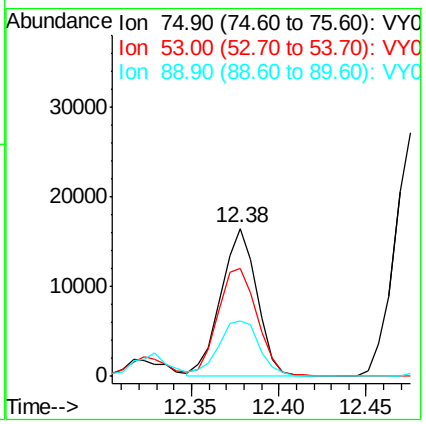


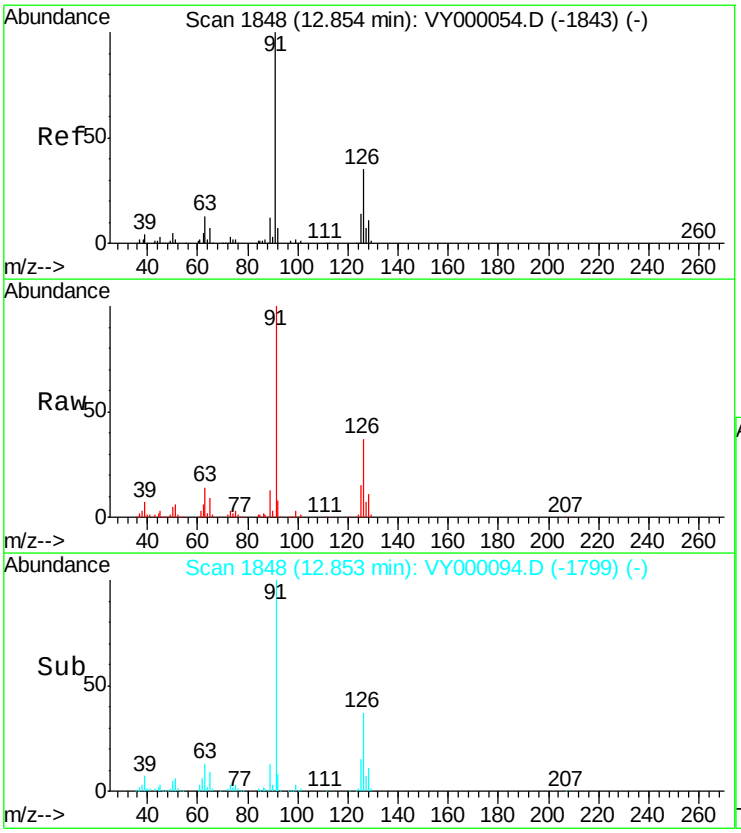

#81
trans-1,4-Dichloro-2-butene
Concen: 45.301 ug/l
RT: 12.38 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 75 Resp: 23760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 79.8 | 60.9 | 91.3 |
| 89 | 42.7 | 35.3 | 52.9 |

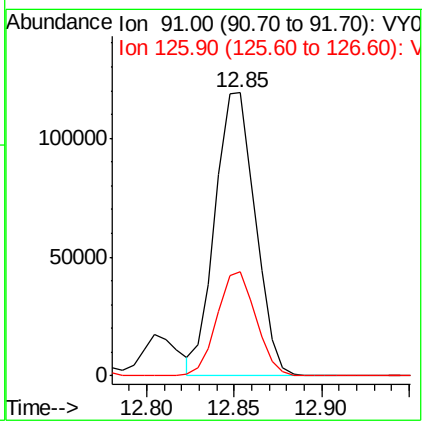


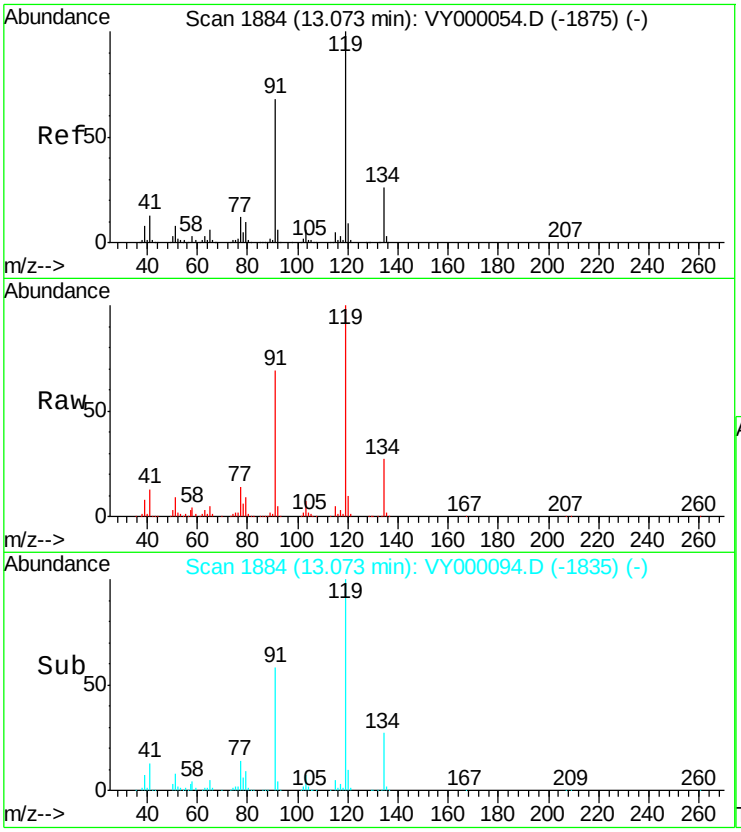




#82
4-Chlorotoluene
Concen: 46.831 ug/l
RT: 12.85 min Scan# 1848
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 91 Resp: 190804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.7 | 16.7 | 50.1 |



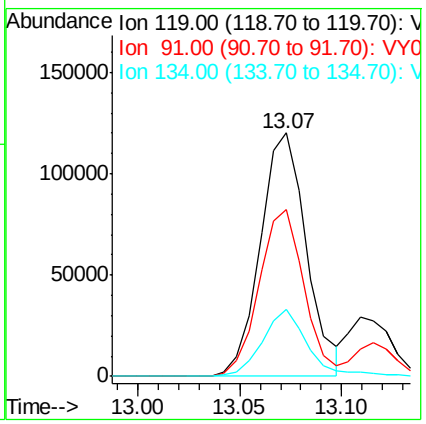


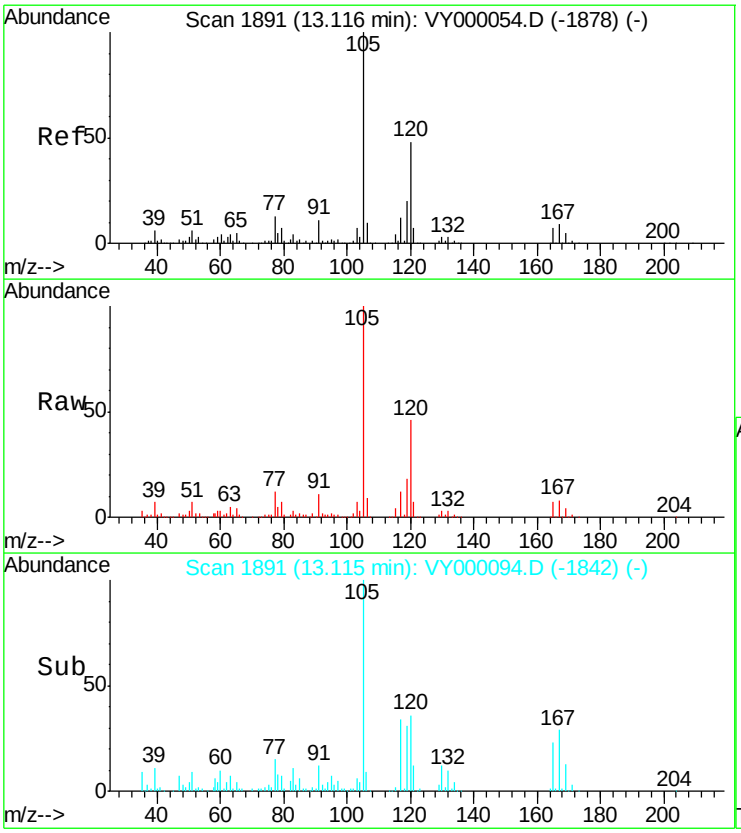

#83
tert-Butylbenzene
Concen: 46.274 ug/l
RT: 13.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:119 Resp: 189484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 66.6 | 33.4 | 100.1 |
| 134 | 26.9 | 12.7 | 38.0 |

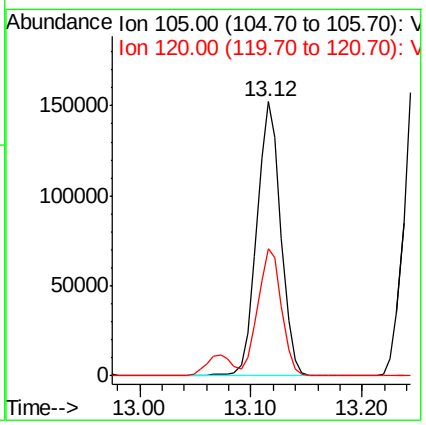


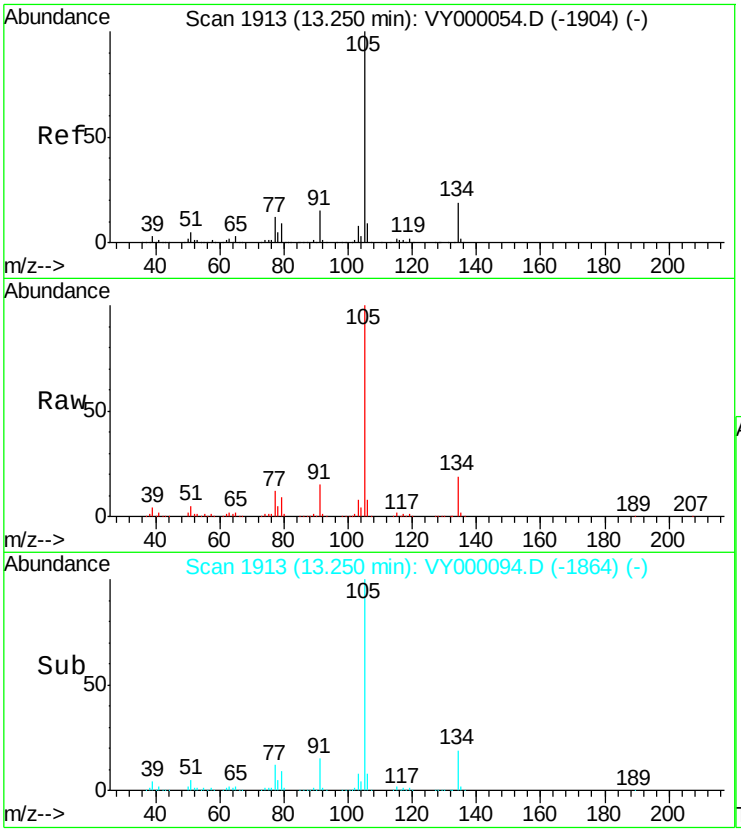




#84
1,2,4-Trimethylbenzene
Concen: 48.499 ug/l
RT: 13.12 min Scan# 1891
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion:105 Resp: 228845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.7 | 22.9 | 68.7 |



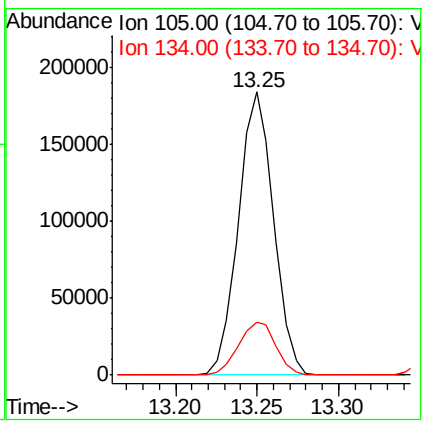


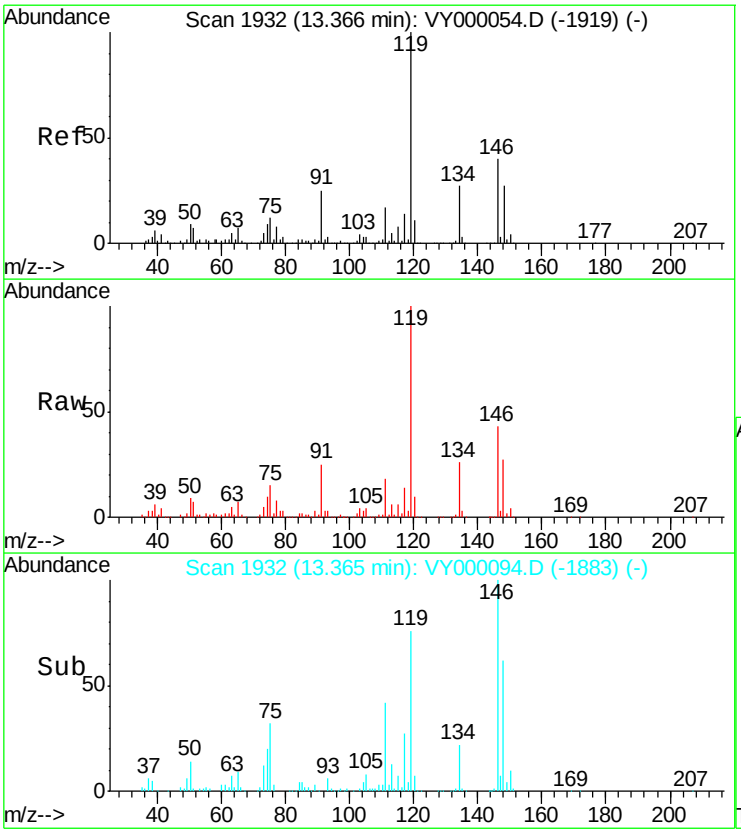

#85
sec-Butylbenzene
Concen: 45.573 ug/l
RT: 13.25 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:105 Resp: 275704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.9 | 9.8 | 29.4 |

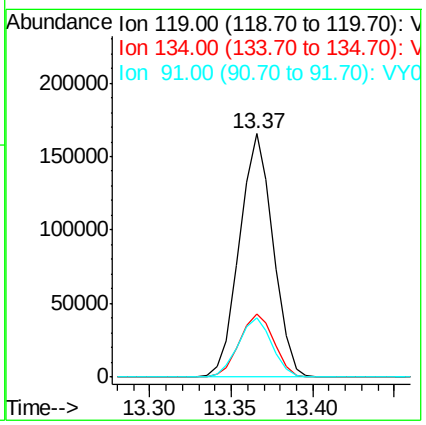


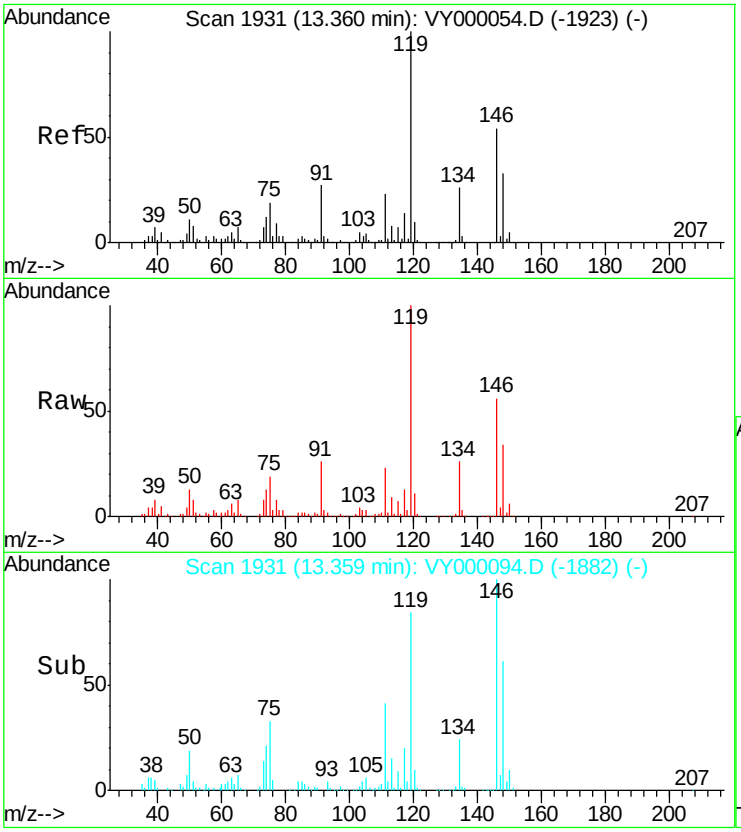




#86
p-Isopropyltoluene
Concen: 46.455 ug/l
RT: 13.37 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion:119 Resp: 238224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.6 | 13.4 | 40.2 |
| 91 | 24.4 | 12.4 | 37.4 |



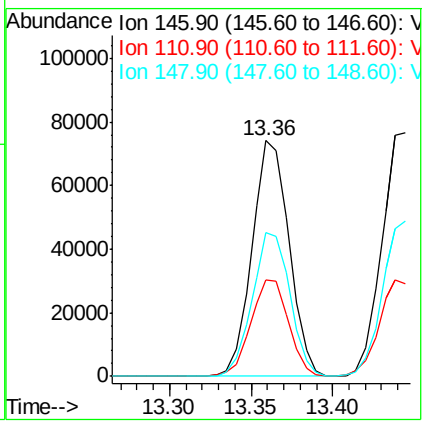


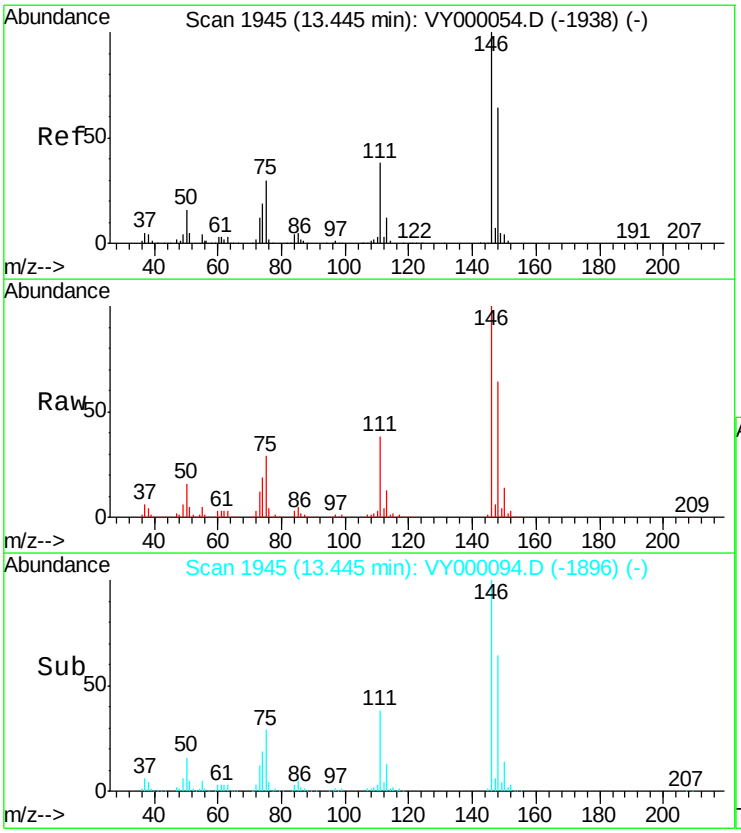

#87
1,3-Dichlorobenzene
Concen: 48.737 ug/l
RT: 13.36 min Scan# 1931
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:146 Resp: 116639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.8 | 21.1 | 63.1 |
| 148 | 62.3 | 31.8 | 95.3 |

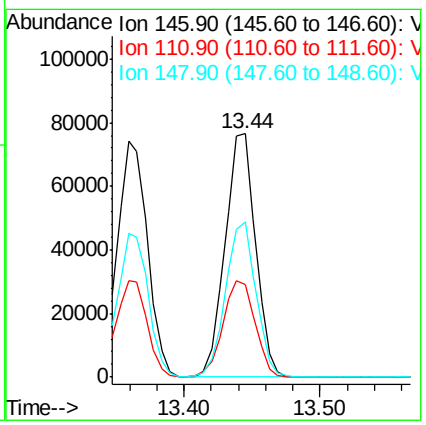


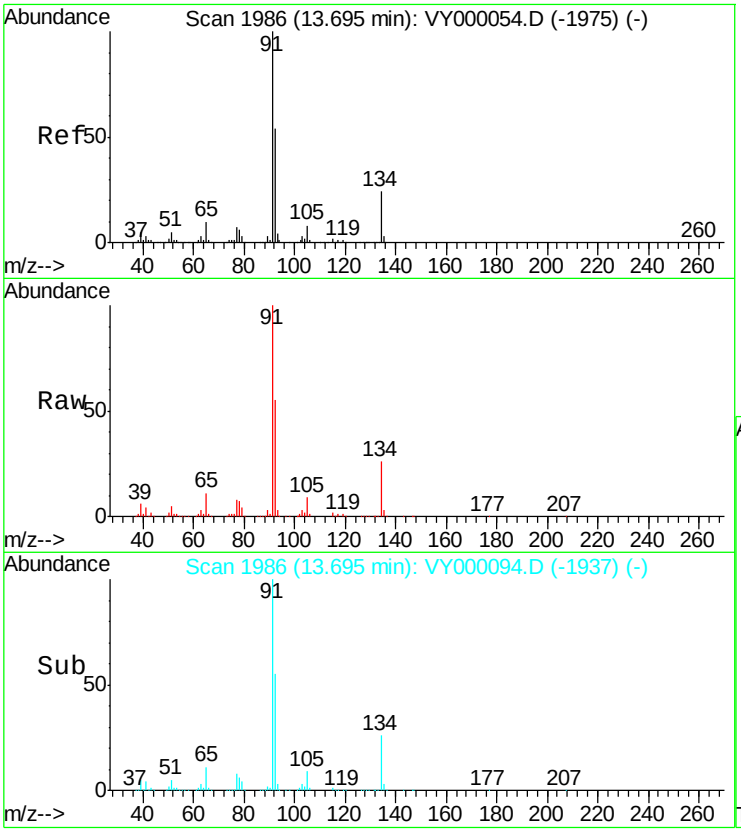




#88
1,4-Dichlorobenzene
Concen: 49.561 ug/l
RT: 13.44 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion:146 Resp: 119188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.6 | 20.8 | 62.4 |
| 148 | 63.7 | 31.5 | 94.5 |



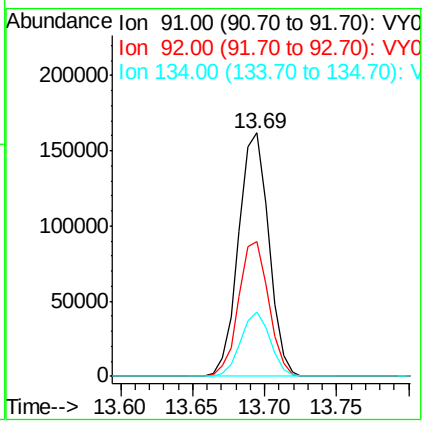


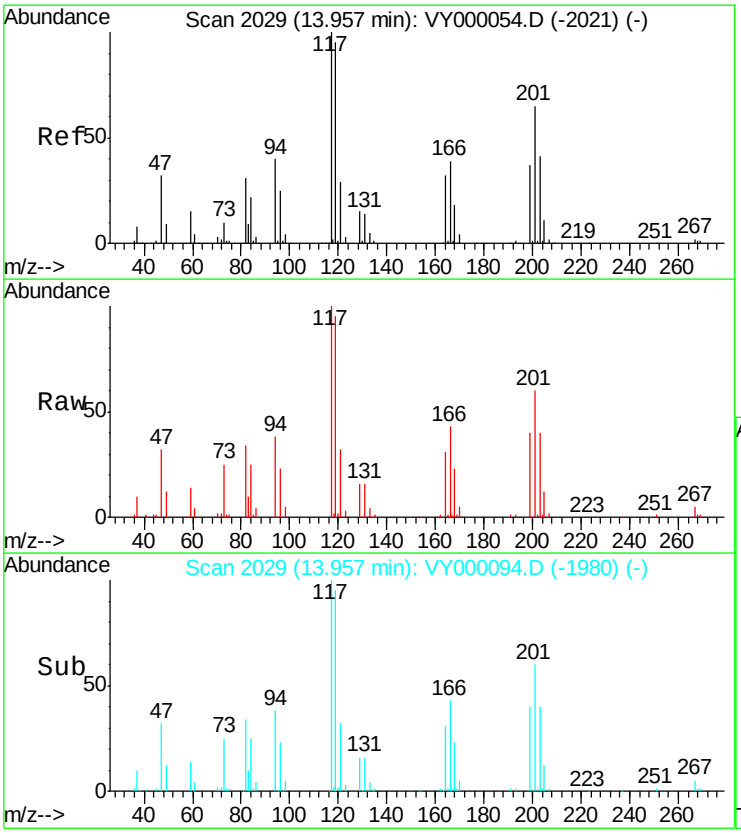

#89
n-Butylbenzene
Concen: 44.814 ug/l
RT: 13.69 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 91 Resp: 236414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.7 | 27.2 | 81.5 |
| 134 | 25.5 | 12.2 | 36.6 |

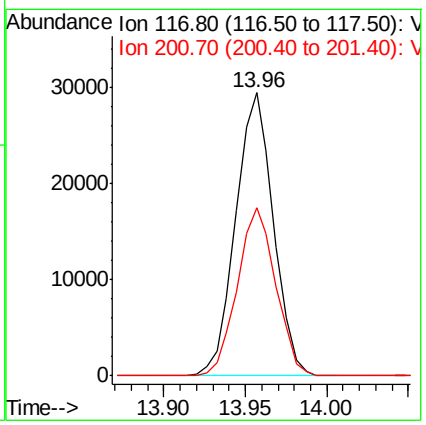


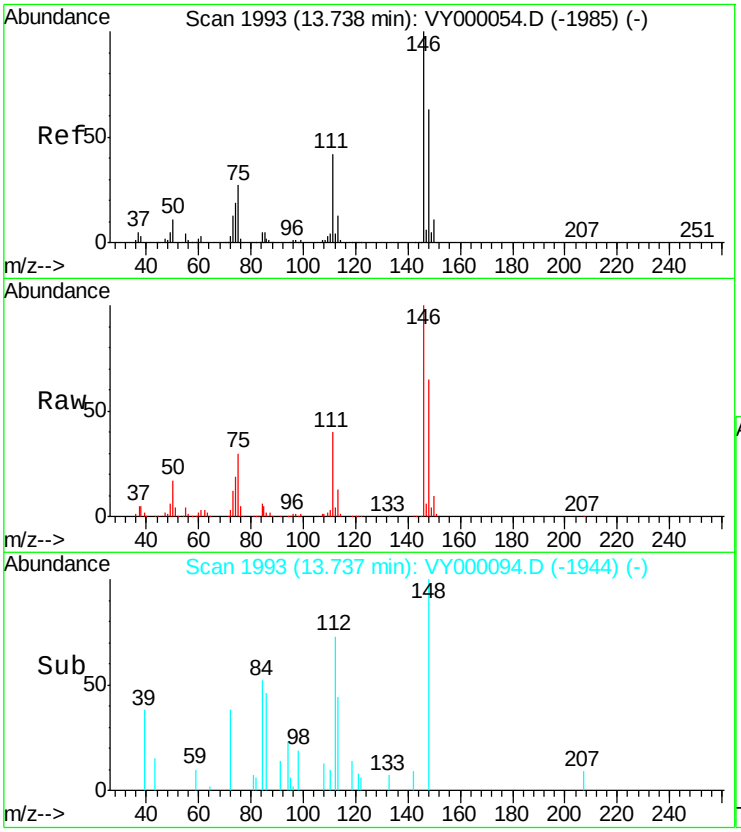




#90
Hexachloroethane
Concen: 46.892 ug/l
RT: 13.96 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion:117 Resp: 47253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 60.6 | 30.6 | 92.0 |



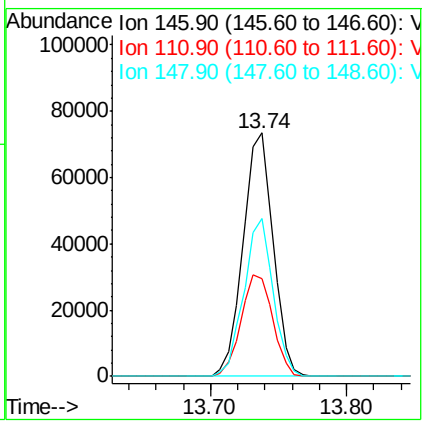


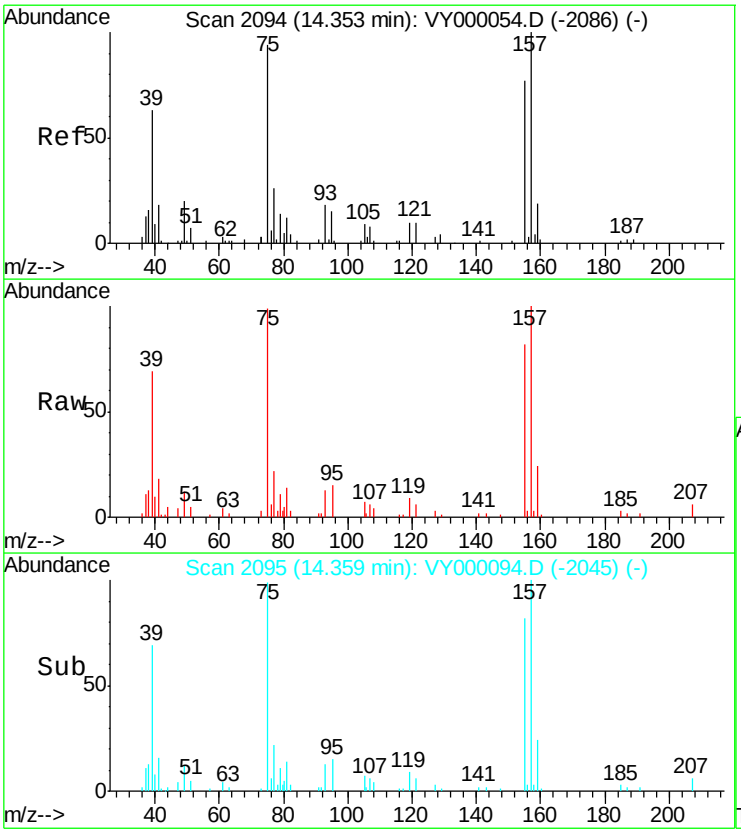

#91
1,2-Dichlorobenzene
Concen: 50.729 ug/l
RT: 13.74 min Scan# 1993
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:146 Resp: 114066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.7 | 21.9 | 65.7 |
| 148 | 63.2 | 32.4 | 97.2 |

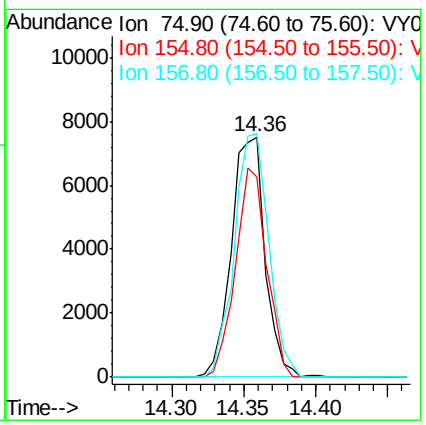


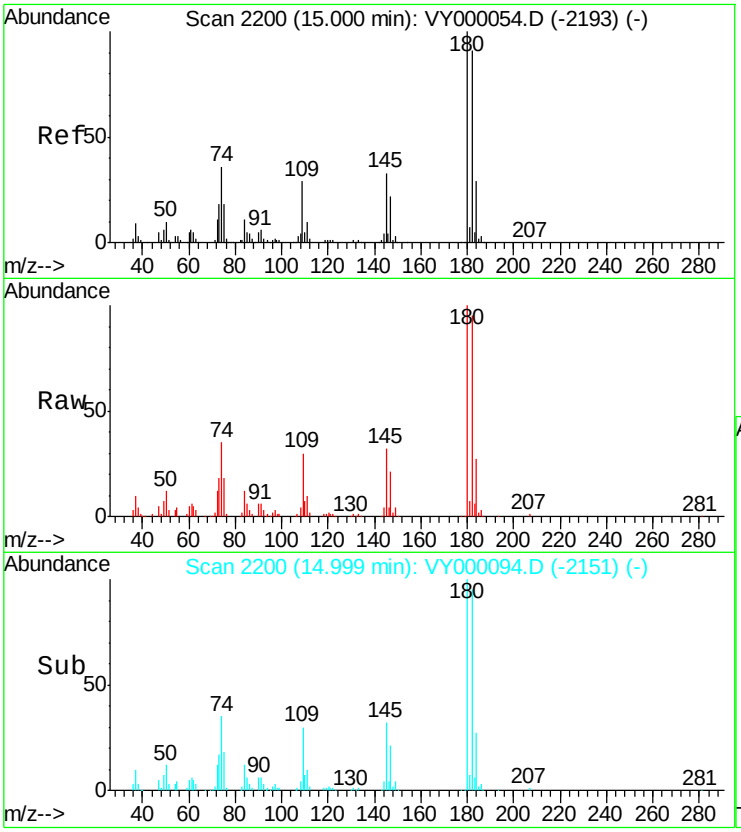




#92
1,2-Dibromo-3-Chloropropane
Concen: 50.756 ug/l
RT: 14.36 min Scan# 2095
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion: 75 Resp: 12291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 80.0 | 40.6 | 121.7 |
| 157 | 102.9 | 52.9 | 158.8 |



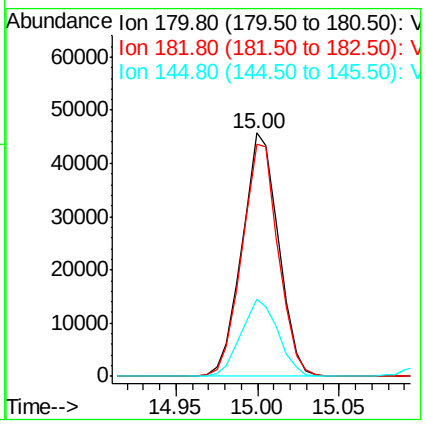


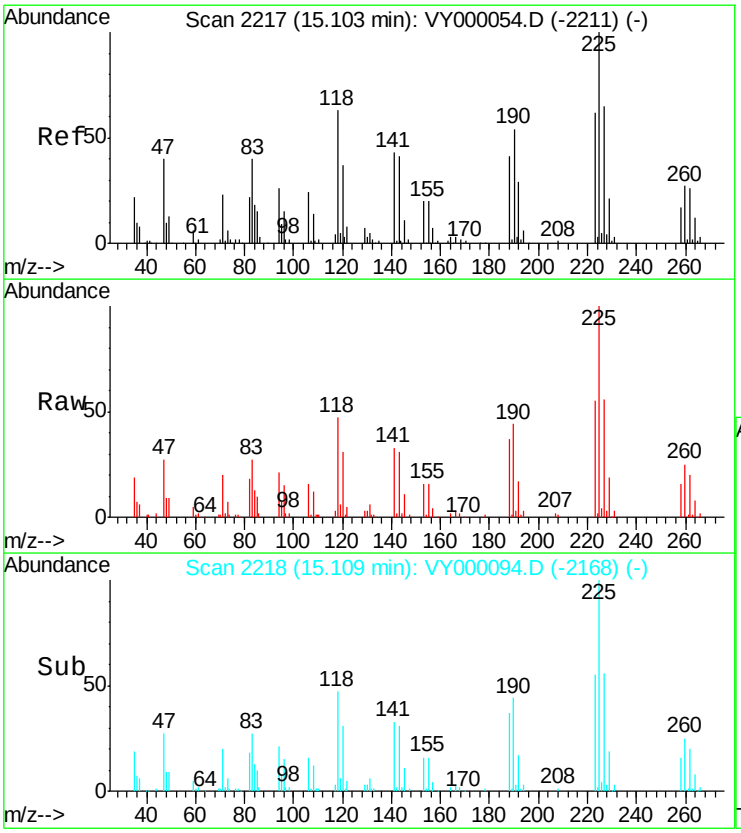

#93
1,2,4-Trichlorobenzene
Concen: 52.383 ug/l
RT: 15.00 min Scan# 2200
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:180 Resp: 71073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.0 | 48.5 | 145.6 |
| 145 | 32.3 | 17.2 | 51.6 |

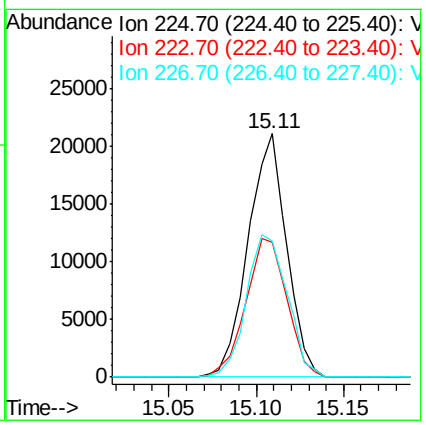


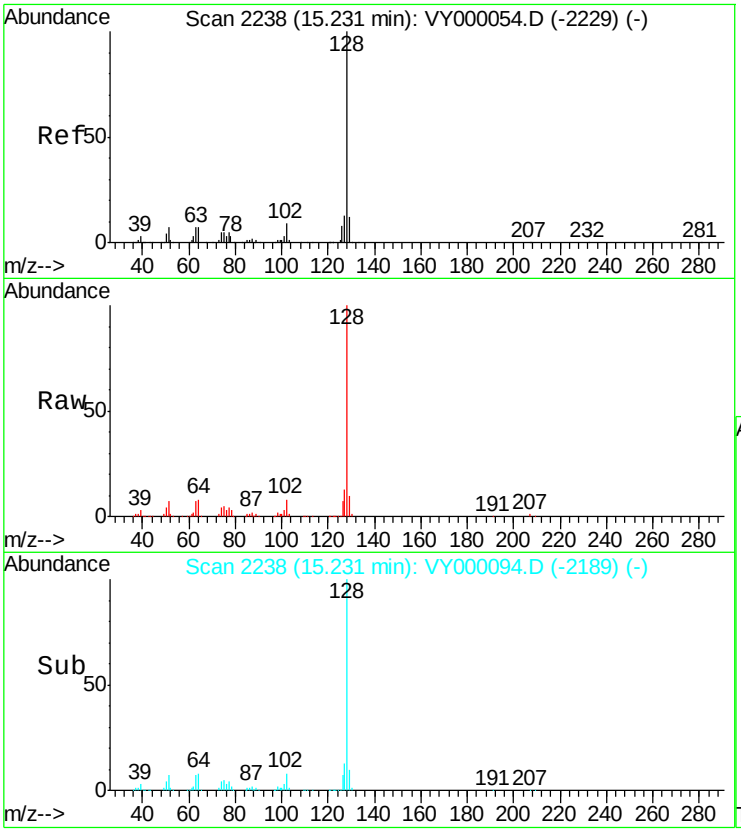




#94
Hexachlorobutadiene
Concen: 49.356 ug/l
RT: 15.11 min Scan# 2218
Delta R.T. 0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion:225 Resp: 32152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.2 | 31.9 | 95.5 |
| 227 | 62.4 | 30.6 | 91.6 |



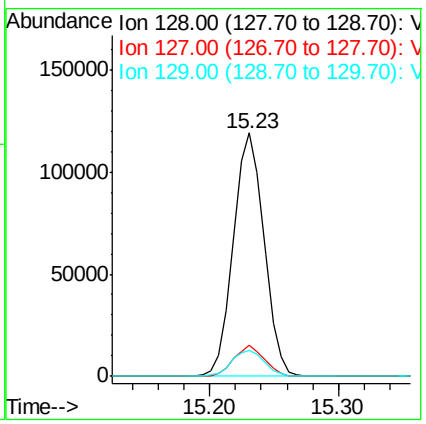


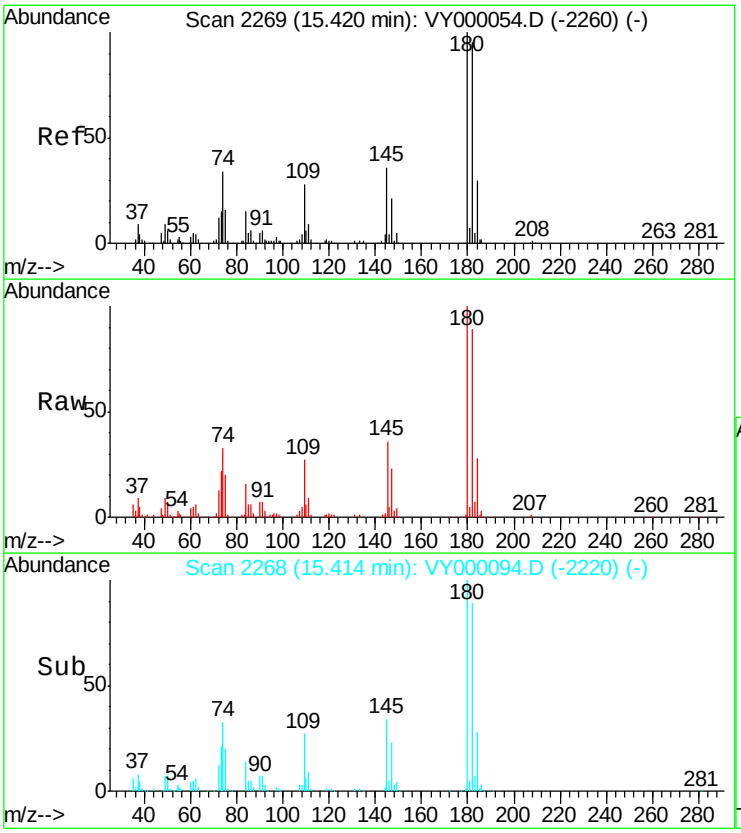

#95
Naphthalene
Concen: 50.974 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:128 Resp: 196335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.6 | 10.3 | 15.5 |
| 129 | 11.2 | 9.2 | 13.8 |




#96
1,2,3-Trichlorobenzene
Concen: 51.744 ug/l
RT: 15.41 min Scan# 2268
Delta R.T. -0.01 min
Lab File: VY000094.D
Acq: 19 Sep 2019 21:44

Tgt Ion:180 Resp: 67000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.7 | 47.5 | 142.5 |
| 145 | 35.5 | 17.4 | 52.2 |