Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY091119\
Data File : VY000013.D
Acq On : 11 Sep 2019 21:06
Operator : SY/MD
Sample : MDL 3 PPB
Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** MDL 3 PPB

Quant Time: Sep 12 09:23:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091119S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 12 09:07:31 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.79 | 168 | 136325 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.69 | 114 | 268076 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.49 | 117 | 226456 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152 | 95404 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.15 | 65 | 73167 | 52.95 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 105.90% | | | | |
| 35) Dibromofluoromethane | 7.72 | 113 | 70372 | 46.96 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 93.92% | | | | |
| 50) Toluene-d8 | 10.18 | 98 | 300516 | 49.10 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.20% | | | | |
| 62) 4-Bromofluorobenzene | 12.48 | 95 | 101127 | 46.62 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 93.24% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 3) Chloromethane | 2.10 | 50 | 7461 | Below Cal | | | 91 |
| 4) Vinyl Chloride | 2.25 | 62 | 5470 | 3.462 | ug/l | | 94 |
| 5) Bromomethane | 2.64 | 94 | 4702 | 5.100 | ug/l | | 89 |
| 6) Chloroethane | 2.79 | 64 | 4036 | 3.874 | ug/l | # | 62 |
| 7) Trichlorofluoromethane | 3.12 | 101 | 7640 | 3.926 | ug/l | | 96 |
| 8) Diethyl Ether | 3.54 | 74 | 3045 | 3.990 | ug/l | | 87 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.89 | 101 | 4562 | 3.502 | ug/l | | 97 |
| 10) Methyl Iodide | 4.09 | 142 | 3978 | 2.624 | ug/l | # | 86 |
| 11) Tert butyl alcohol | 4.97 | 59 | 3101 | 18.657 | ug/l | # | 85 |
| 12) 1,1-Dichloroethene | 3.86 | 96 | 4628 | 3.670 | ug/l | | 83 |
| 13) Acrolein | 3.73 | 56 | 2585 | 8.384 | ug/l | # | 69 |
| 14) Allyl chloride | 4.47 | 41 | 6326 | 3.298 | ug/l | | 97 |
| 15) Acrylonitrile | 5.17 | 53 | 8277 | 16.529 | ug/l | | 97 |
| 16) Acetone | 3.95 | 43 | 7158 | 18.564 | ug/l | # | 86 |
| 17) Carbon Disulfide | 4.18 | 76 | 10950 | 1.955 | ug/l | # | 92 |
| 18) Methyl Acetate | 4.48 | 43 | 4648 | Below Cal | | | 97 |
| 19) Methyl tert-butyl Ether | 5.23 | 73 | 12138 | 3.417 | ug/l | # | 83 |
| 20) Methylene Chloride | 4.71 | 84 | 8508 | 2.327 | ug/l | # | 86 |
| 21) trans-1,2-Dichloroethene | 5.22 | 96 | 5282 | 3.888 | ug/l | | 91 |
| 22) Diisopropyl ether | 6.12 | 45 | 12714 | 3.049 | ug/l | # | 88 |
| 23) Vinyl Acetate | 6.07 | 43 | 43675 | 15.449 | ug/l | | 99 |
| 24) 1,1-Dichloroethane | 6.03 | 63 | 8336 | 3.337 | ug/l | | 98 |
| 25) 2-Butanone | 6.99 | 43 | 9317 | 15.303 | ug/l | | 97 |
| 26) 2,2-Dichloropropane | 6.98 | 77 | 6455 | 3.022 | ug/l | | 100 |
| 27) cis-1,2-Dichloroethene | 6.98 | 96 | 5812 | 3.410 | ug/l | | 98 |
| 28) Bromochloromethane | 7.33 | 49 | 3674 | 3.192 | ug/l | # | 98 |
| 29) Tetrahydrofuran | 7.37 | 42 | 5608 | 14.744 | ug/l | # | 82 |
| 30) Chloroform | 7.51 | 83 | 9544 | 3.775 | ug/l | | 94 |
| 31) Cyclohexane | 7.78 | 56 | 10815 | 2.116 | ug/l | # | 78 |
| 32) 1,1,1-Trichloroethane | 7.70 | 97 | 7274 | 3.486 | ug/l | | 97 |
| 36) 1,1-Dichloropropene | 7.93 | 75 | 6492 | 3.350 | ug/l | | 99 |
| 37) Ethyl Acetate | 7.08 | 43 | 4541 | 3.426 | ug/l | # | 71 |
| 38) Carbon Tetrachloride | 7.90 | 117 | 5614 | 3.018 | ug/l | # | 80 |
| 39) Methylcyclohexane | 9.18 | 83 | 8134 | 3.405 | ug/l | | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY091119\
Data File : VY000013.D
Acq On : 11 Sep 2019 21:06
Operator : SY/MD
Sample : MDL 3 PPB
Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** MDL 3 PPB

Quant Time: Sep 12 09:23:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091119S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 12 09:07:31 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 40) Benzene | 8.16 | 78 | 19914 | 3.196 | ug/l | | 96 |
| 41) Methacrylonitrile | 7.32 | 41 | 1854 | 2.334 | ug/l | # | 83 |
| 42) 1,2-Dichloroethane | 8.24 | 62 | 5406 | 3.327 | ug/l | | 97 |
| 43) Isopropyl Acetate | 8.27 | 43 | 7513 | 3.084 | ug/l | | 96 |
| 44) Trichloroethene | 8.94 | 130 | 5912 | 3.688 | ug/l | | 88 |
| 45) 1,2-Dichloropropane | 9.21 | 63 | 5041 | 3.152 | ug/l | # | 87 |
| 46) Dibromomethane | 9.30 | 93 | 2830 | 3.270 | ug/l | | 98 |
| 47) Bromodichloromethane | 9.49 | 83 | 6491 | 3.131 | ug/l | # | 95 |
| 48) Methyl methacrylate | 9.29 | 41 | 3402 | 3.161 | ug/l | | 90 |
| 49) 1,4-Dioxane | 9.30 | 88 | 1035 | 60.836 | ug/l | # | 74 |
| 51) 4-Methyl-2-Pentanone | 10.07 | 43 | 21230 | 15.832 | ug/l | | 95 |
| 52) Toluene | 10.24 | 92 | 12014 | 3.062 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 10.46 | 75 | 6538 | 3.002 | ug/l | | 92 |
| 54) cis-1,3-Dichloropropene | 9.93 | 75 | 7514 | 2.956 | ug/l | | 94 |
| 55) 1,1,2-Trichloroethane | 10.65 | 97 | 4282 | 3.192 | ug/l | | 96 |
| 56) Ethyl methacrylate | 10.51 | 69 | 5921 | 3.066 | ug/l | | 89 |
| 57) 1,3-Dichloropropane | 10.79 | 76 | 6610 | 2.986 | ug/l | | 92 |
| 58) 2-Chloroethyl Vinyl ether | 9.78 | 63 | 16790 | 16.852 | ug/l | | 95 |
| 59) 2-Hexanone | 10.83 | 43 | 13958 | 14.619 | ug/l | | 97 |
| 60) Dibromochloromethane | 10.98 | 129 | 4328 | 3.027 | ug/l | | 100 |
| 61) 1,2-Dibromoethane | 11.09 | 107 | 3988 | 3.232 | ug/l | | 97 |
| 64) Tetrachloroethene | 10.71 | 164 | 4398 | 3.177 | ug/l | | 89 |
| 65) Chlorobenzene | 11.51 | 112 | 12666 | 3.026 | ug/l | | 90 |
| 66) 1,1,1,2-Tetrachloroethane | 11.59 | 131 | 4199 | 2.965 | ug/l | | 97 |
| 67) Ethyl Benzene | 11.58 | 91 | 23490 | 3.071 | ug/l | | 93 |
| 68) m/p-Xylenes | 11.70 | 106 | 17988 | 6.192 | ug/l | | 93 |
| 69) o-Xylene | 12.02 | 106 | 8351 | 2.989 | ug/l | | 92 |
| 70) Styrene | 12.04 | 104 | 15385 | 3.163 | ug/l | | 96 |
| 71) Bromoform | 12.20 | 173 | 2645 | 3.083 | ug/l | # | 98 |
| 73) Isopropylbenzene | 12.32 | 105 | 23355 | 3.238 | ug/l | | 98 |
| 74) N-amyl acetate | 12.14 | 43 | 5858 | 2.926 | ug/l | | 92 |
| 75) 1,1,2,2-Tetrachloroethane | 12.57 | 83 | 5640 | 3.394 | ug/l | | 95 |
| 76) 1,2,3-Trichloropropane | 12.63 | 75 | 6804 | 6.044 | ug/l | # | 100 |
| 77) Bromobenzene | 12.60 | 156 | 5230 | 3.402 | ug/l | | 92 |
| 78) n-propylbenzene | 12.66 | 91 | 26672 | 3.055 | ug/l | | 98 |
| 79) 2-Chlorotoluene | 12.75 | 91 | 15875 | 3.278 | ug/l | | 95 |
| 80) 1,3,5-Trimethylbenzene | 12.80 | 105 | 18177 | 3.048 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 12.37 | 75 | 1920 | 2.952 | ug/l | | 90 |
| 82) 4-Chlorotoluene | 12.85 | 91 | 16136 | 3.190 | ug/l | | 98 |
| 83) tert-Butylbenzene | 13.07 | 119 | 15170 | 2.990 | ug/l | | 96 |
| 84) 1,2,4-Trimethylbenzene | 13.12 | 105 | 17669 | 3.029 | ug/l | | 97 |
| 85) sec-Butylbenzene | 13.25 | 105 | 22784 | 3.012 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 13.37 | 119 | 18106 | 2.846 | ug/l | | 97 |
| 87) 1,3-Dichlorobenzene | 13.36 | 146 | 9244 | 3.117 | ug/l | | 96 |
| 88) 1,4-Dichlorobenzene | 13.44 | 146 | 9543 | 3.191 | ug/l | | 90 |
| 89) n-Butylbenzene | 13.69 | 91 | 19066 | 2.999 | ug/l | | 95 |
| 90) Hexachloroethane | 13.95 | 117 | 3951 | 3.070 | ug/l | | 89 |
| 91) 1,2-Dichlorobenzene | 13.73 | 146 | 8612 | 3.083 | ug/l | | 98 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.35 | 75 | 1148 | 3.710 | ug/l | | 89 |
| 93) 1,2,4-Trichlorobenzene | 15.00 | 180 | 4938 | 2.899 | ug/l | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY091119\
Data File : VY000013.D
Acq On : 11 Sep 2019 21:06
Operator : SY/MD
Sample : MDL 3 PPB
Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Quant Time: Sep 12 09:23:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091119S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 12 09:07:31 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 94) Hexachlorobutadiene | 15.10 | 225 | 2437 | 2.955 | ug/l | 86 |
| 95) Naphthalene | 15.23 | 128 | 14556 | 3.126 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.41 | 180 | 4515 | 2.956 | ug/l | 86 |

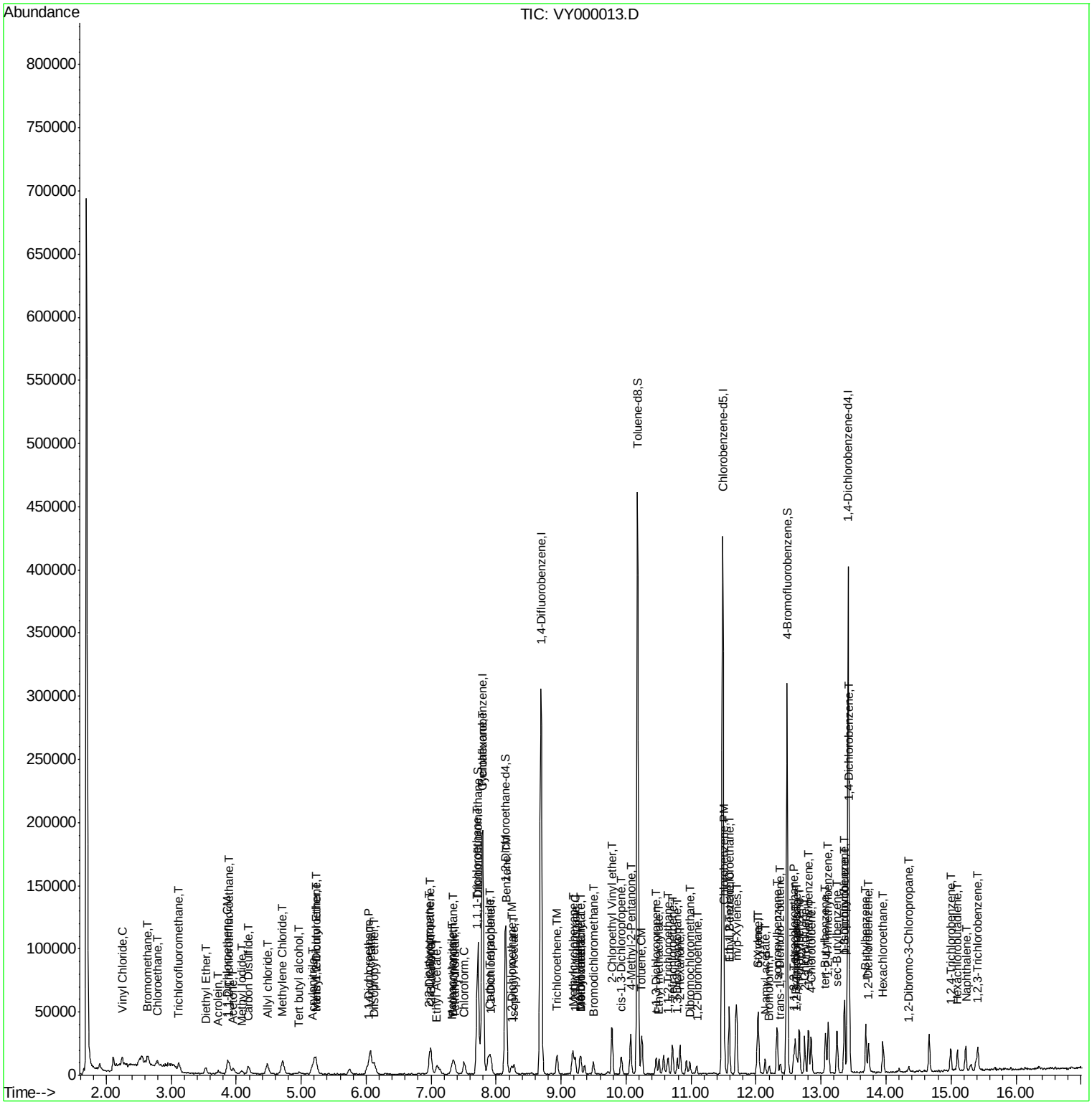
(#) = qualifier out of range (m) = manual integration (+) = signals summed

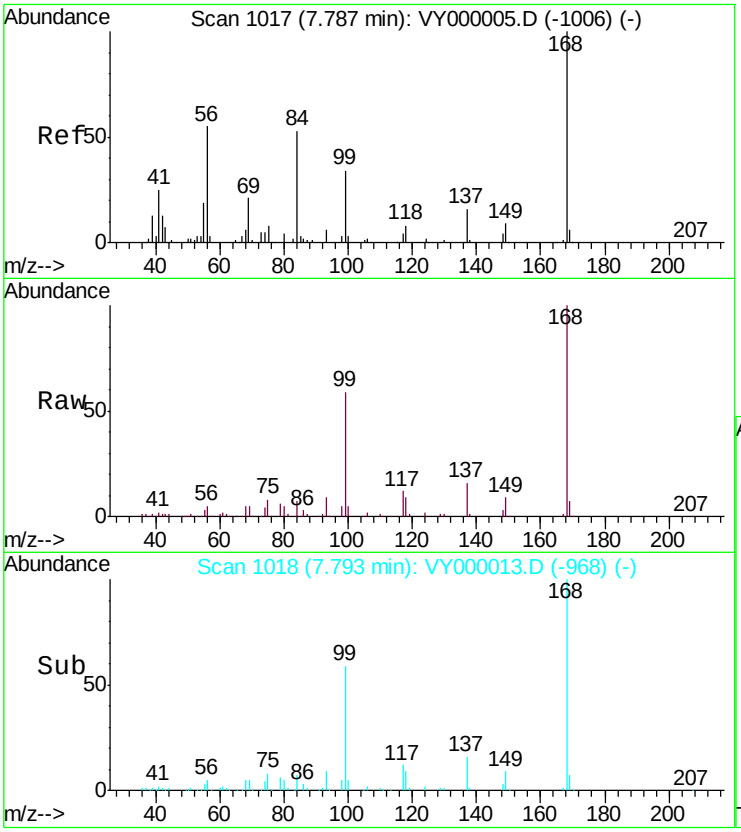
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY091119\
Data File : VY000013.D
Acq On : 11 Sep 2019 21:06
Operator : SY/MD
Sample : MDL 3 PPB
Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Quant Time: Sep 12 09:23:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091119S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 12 09:07:31 2019
Response via : Initial Calibration



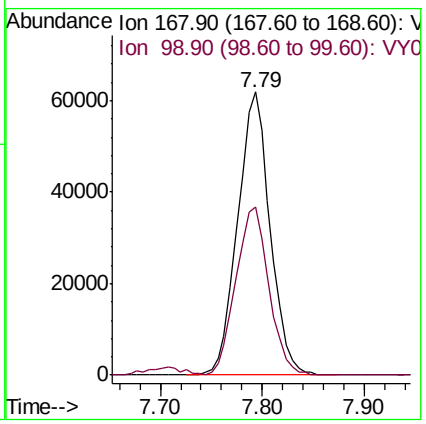


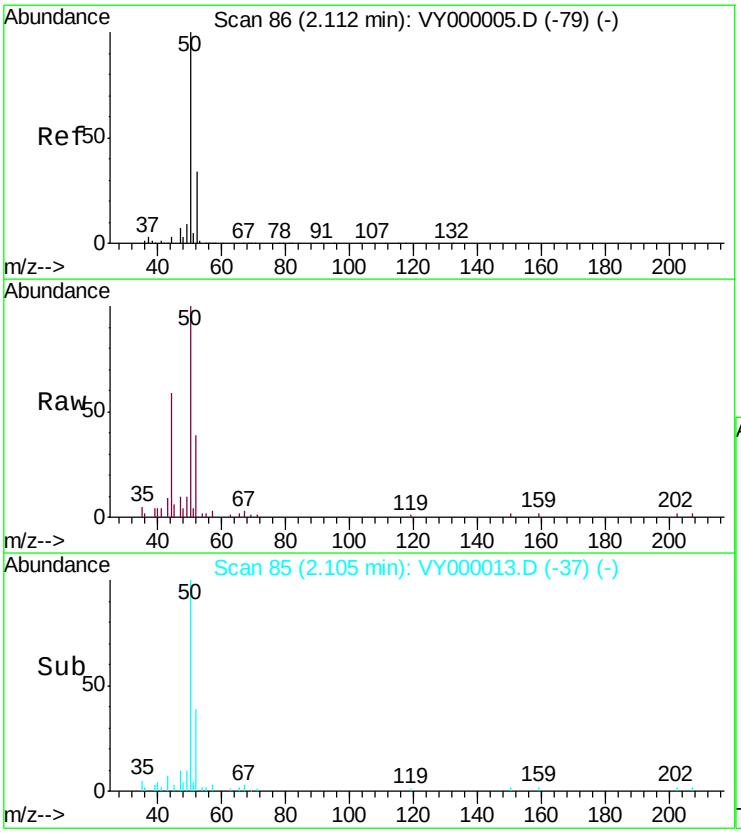

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion:168 Resp: 136325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.5 | 44.2 | 66.2 |

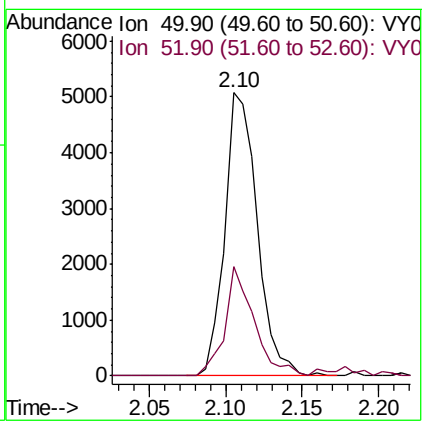


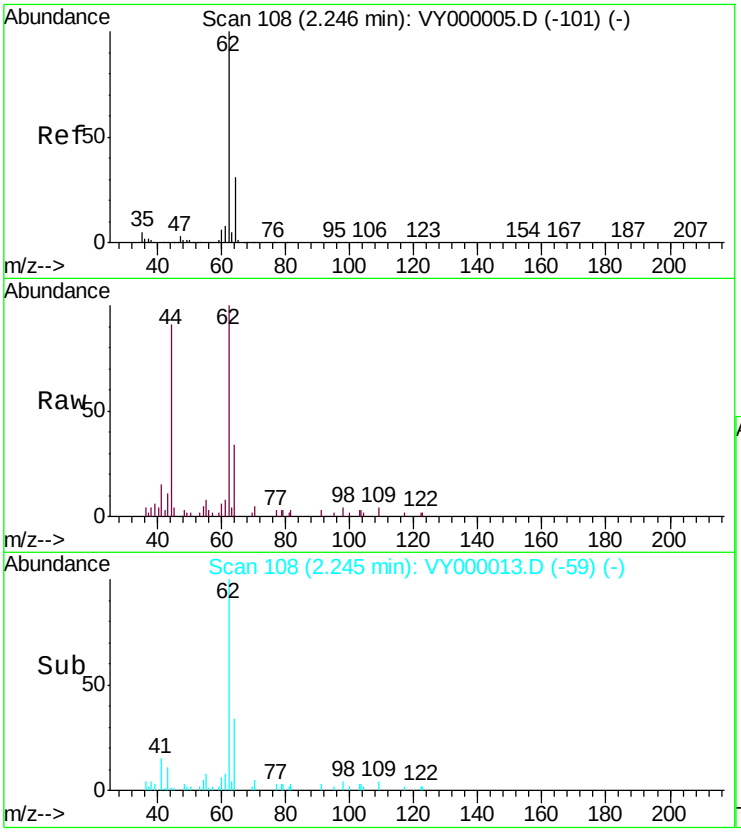




#3
Chloromethane
Concen: Below Cal
RT: 2.10 min Scan# 85
Delta R.T. -0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 50 Resp: 7461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 38.8 | 26.8 | 40.2 |



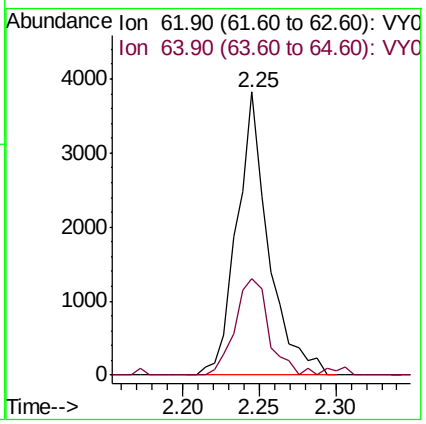


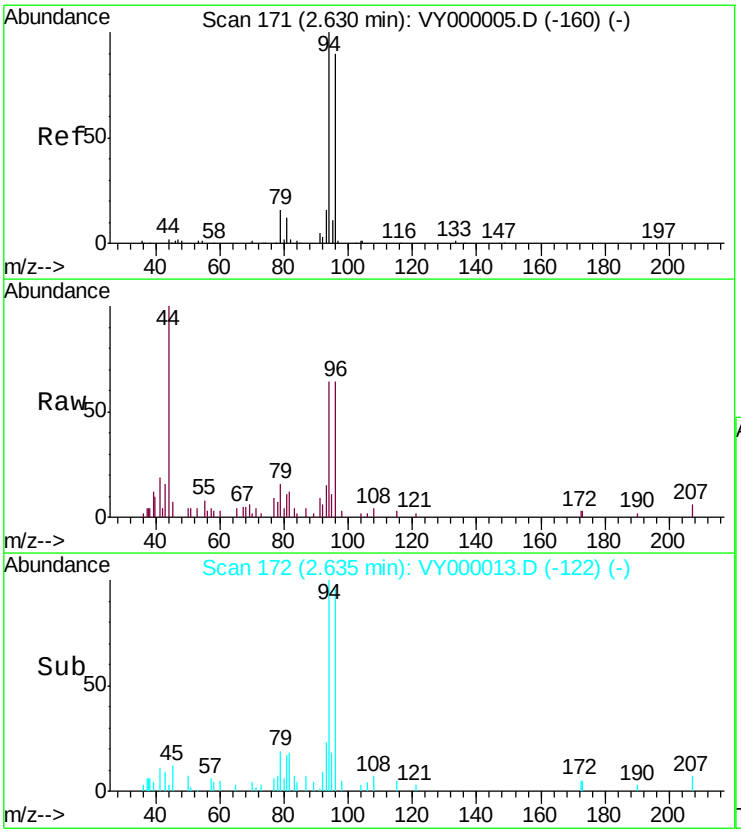

#4
Vinyl Chloride
Concen: 3.462 ug/l
RT: 2.25 min Scan# 108
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 62 Resp: 5470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 33.9 | 24.6 | 37.0 |

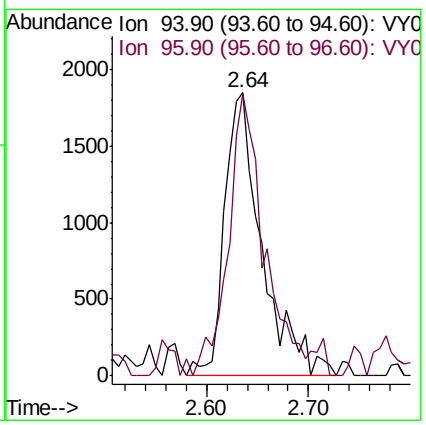


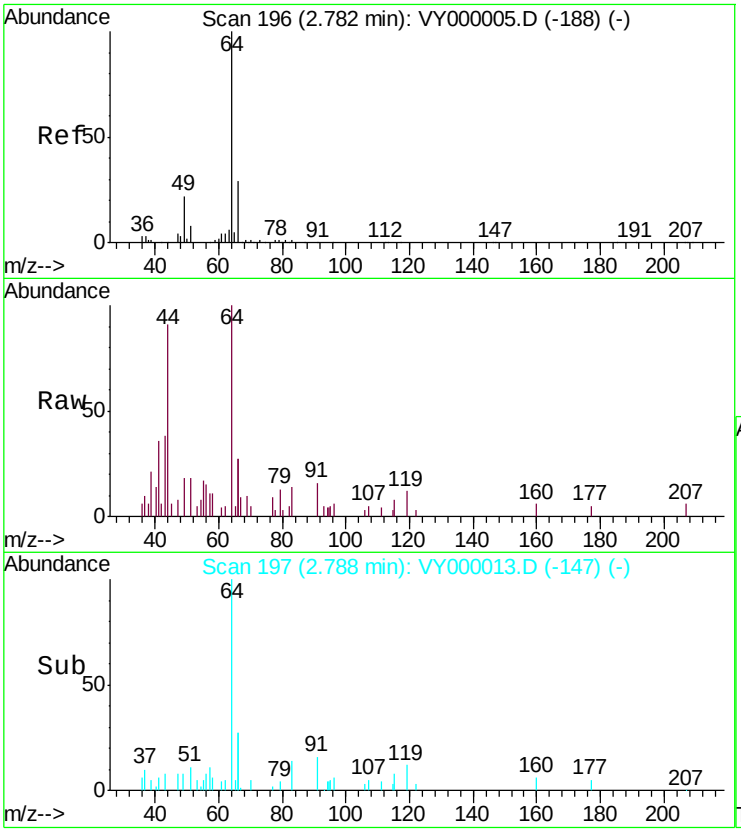




#5
Bromomethane
Concen: 5.100 ug/l
RT: 2.64 min Scan# 172
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 94 Resp: 4702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 99.7 | 71.6 | 107.4 |



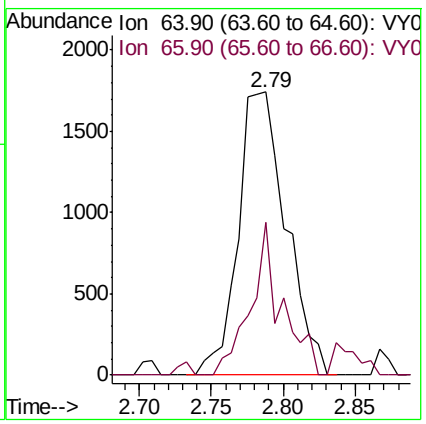


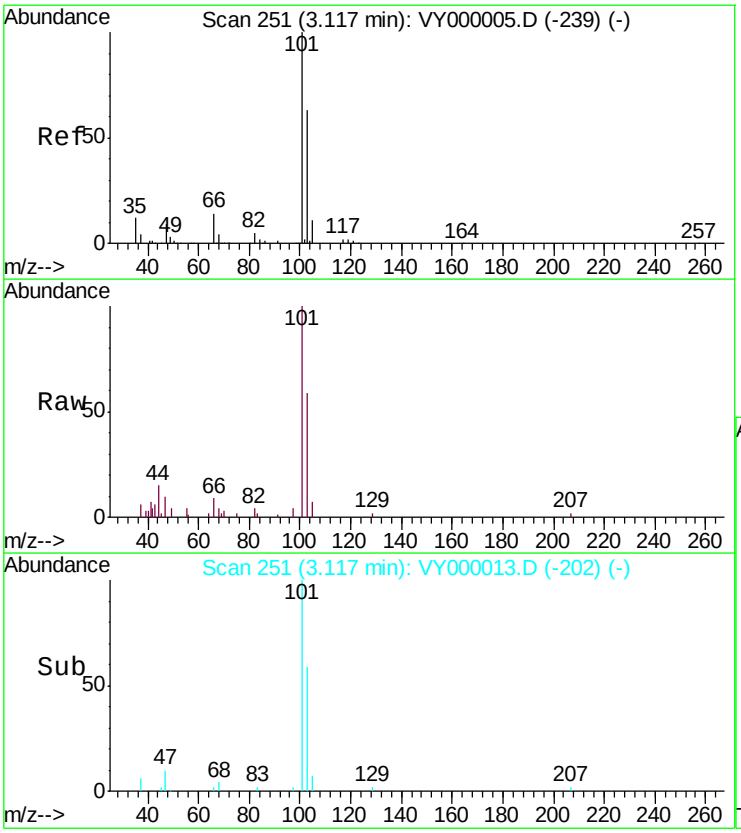

#6
Chloroethane
Concen: 3.874 ug/l
RT: 2.79 min Scan# 197
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 64 Resp: 4036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 49.6 | 23.5 | 35.3# |

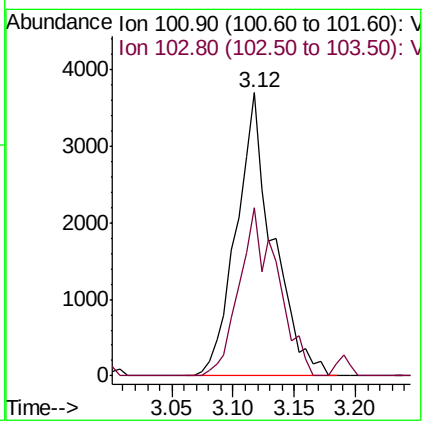


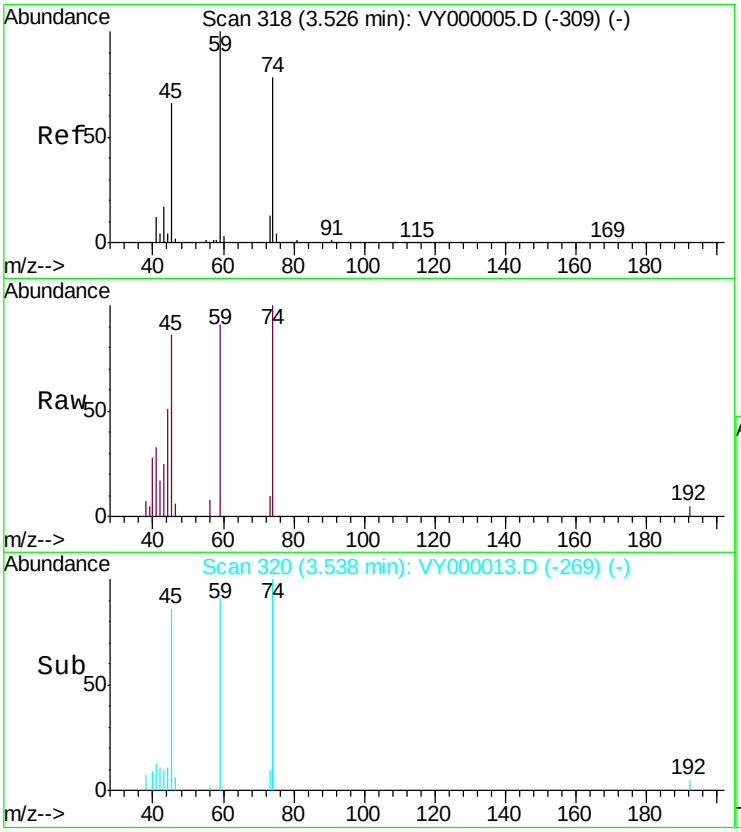




#7
Trichlorofluoromethane
Concen: 3.926 ug/l
RT: 3.12 min Scan# 251
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion:101 Resp: 7640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 59.4 | 50.0 | 75.0 |



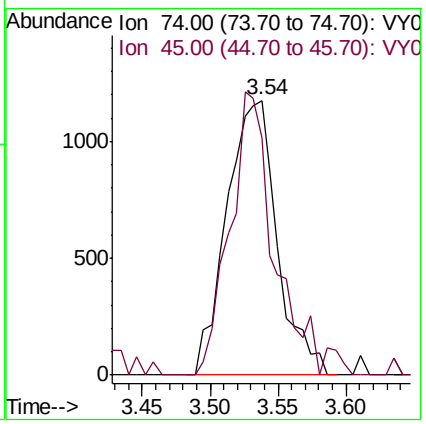


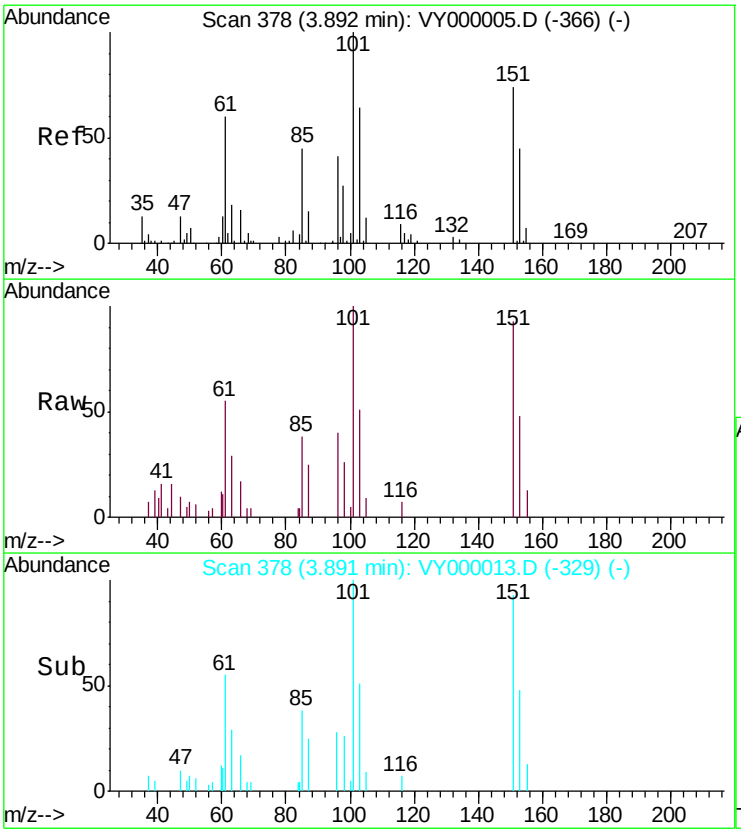

#8
Diethyl Ether
Concen: 3.990 ug/l
RT: 3.54 min Scan# 320
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 74 Resp: 3045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 92.5 | 40.5 | 121.4 |

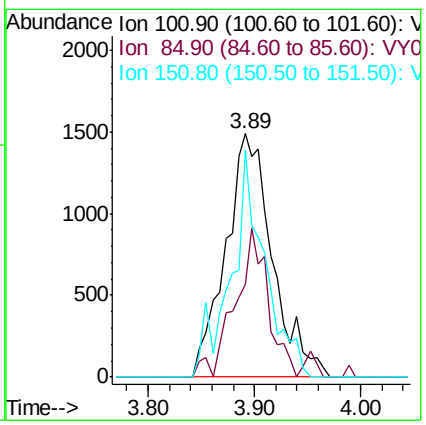


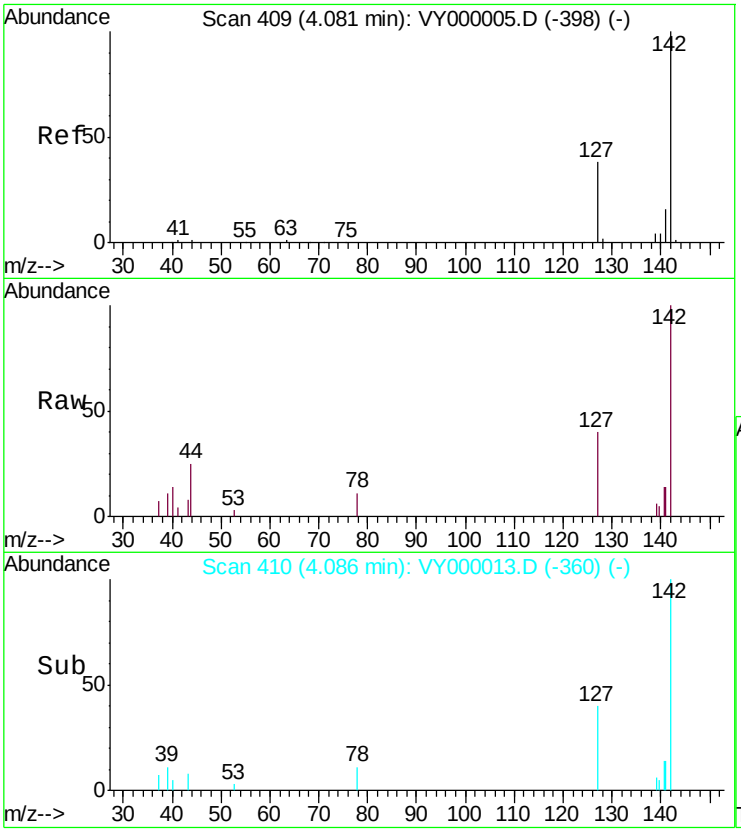




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.502 ug/l
RT: 3.89 min Scan# 378
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion:101 Resp: 4562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.4 | 34.0 | 51.0 |
| 151 | 68.1 | 57.3 | 85.9 |



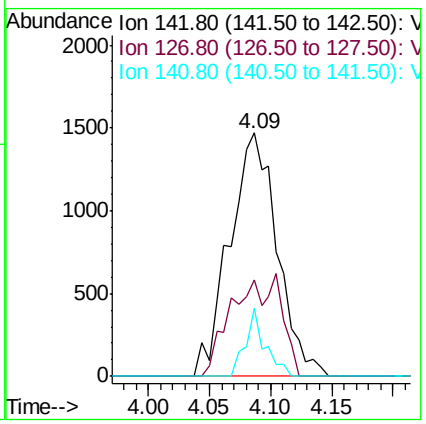


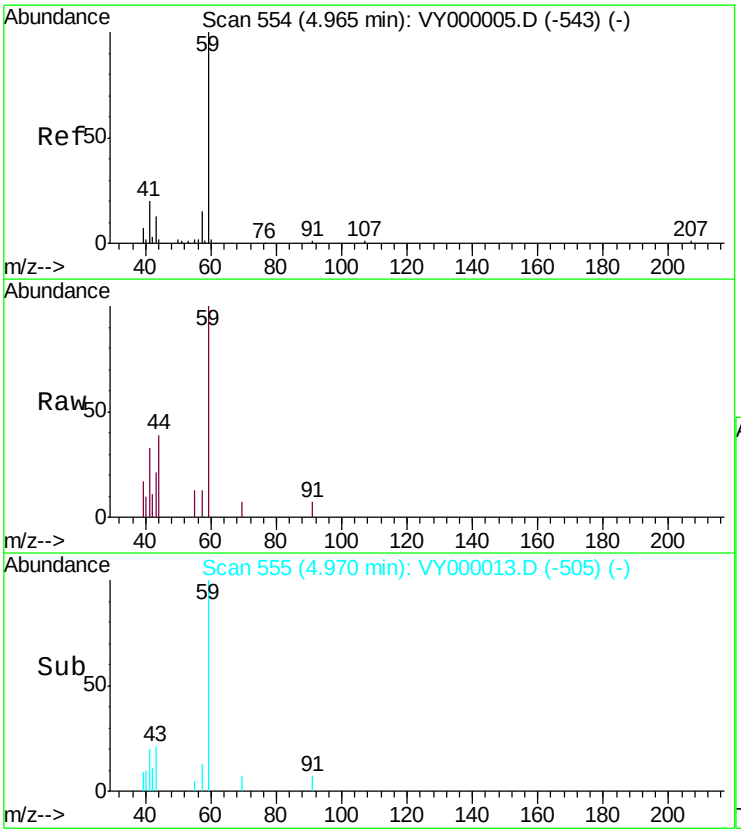

#10
Methyl Iodide
Concen: 2.624 ug/l
RT: 4.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion:142 Resp: 3978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 27.6 | 30.0 | 45.0# |
| 141 | 11.3 | 11.0 | 16.4 |

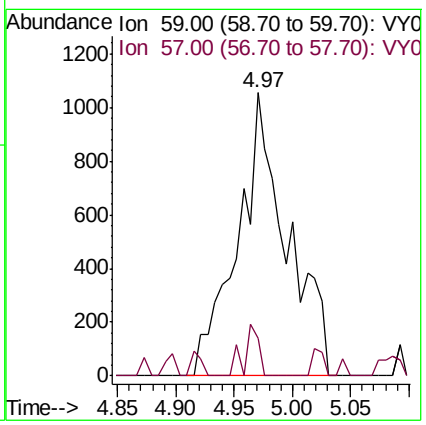


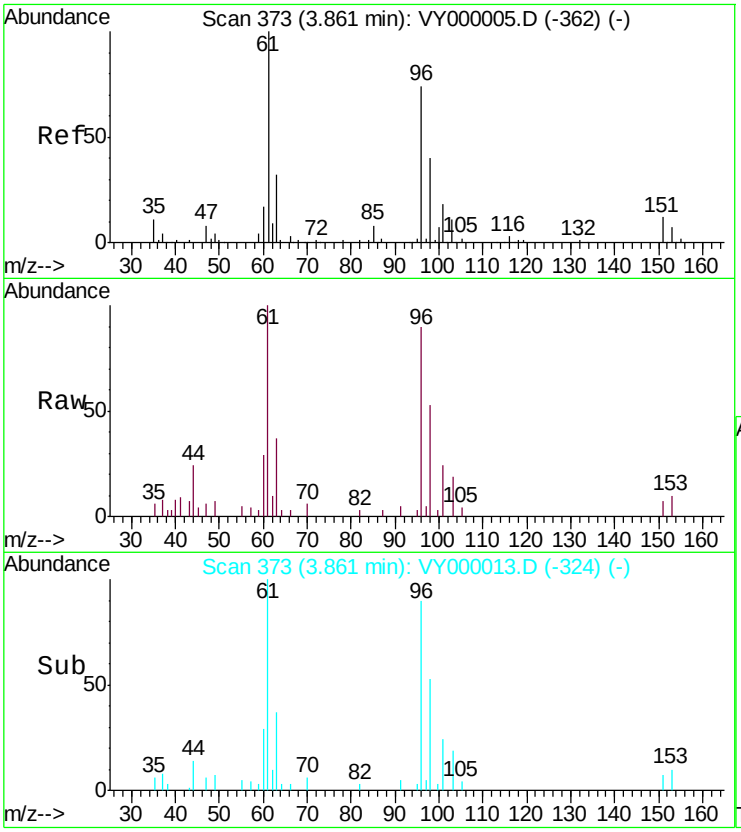




#11
Tert butyl alcohol
Concen: 18.657 ug/l
RT: 4.97 min Scan# 555
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 59 Resp: 3101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 5.3 | 8.9 | 13.3# |



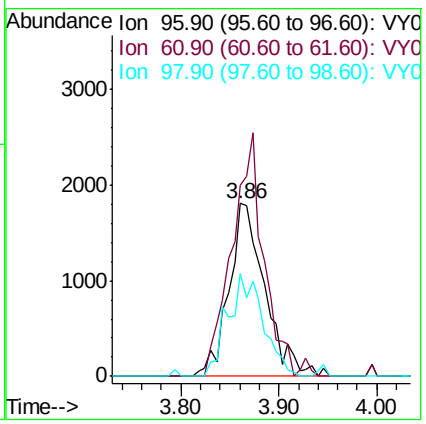


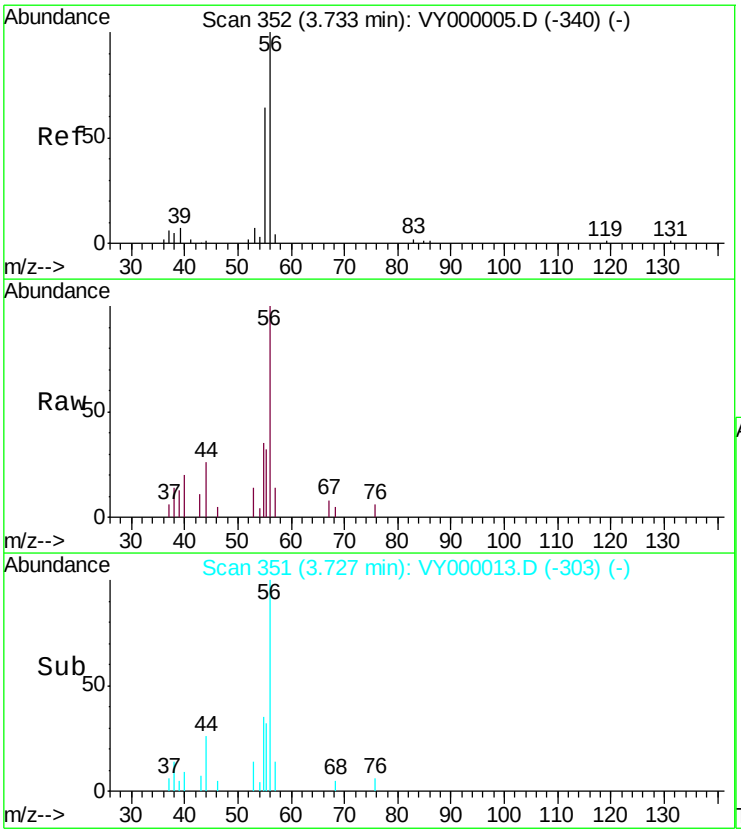

#12
1,1-Dichloroethene
Concen: 3.670 ug/l
RT: 3.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 96 Resp: 4628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 110.8 | 108.1 | 162.1 |
| 98 | 59.3 | 42.8 | 64.2 |

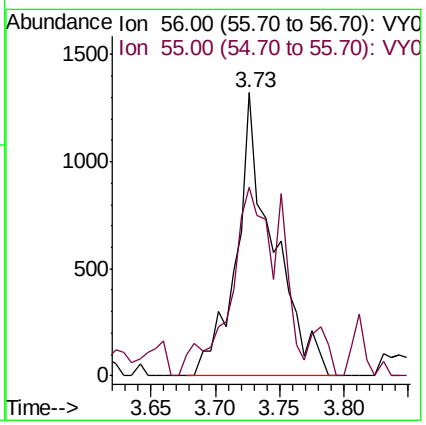


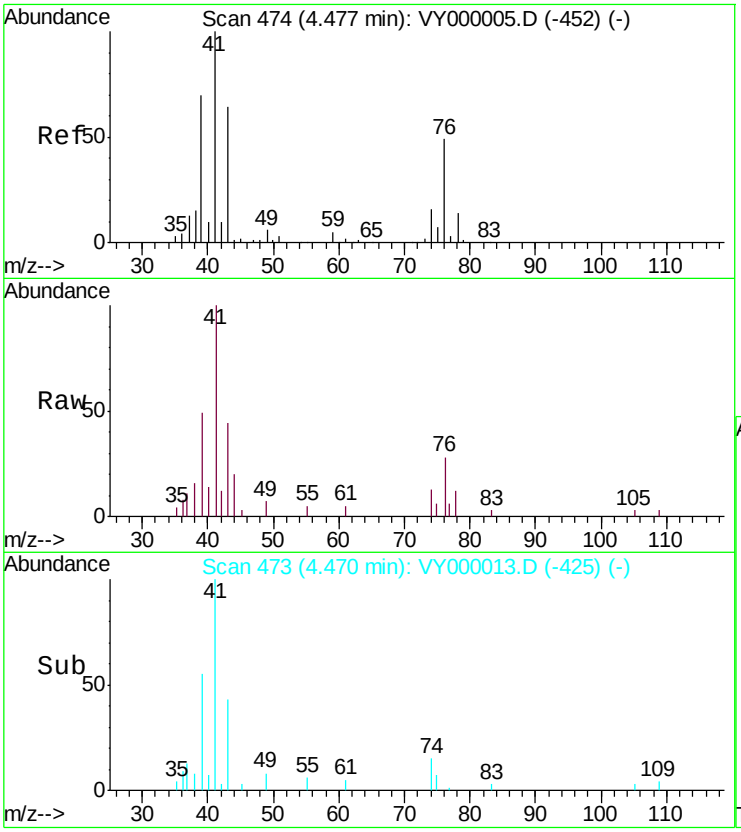




#13
Acrolein
Concen: 8.384 ug/l
RT: 3.73 min Scan# 351
Delta R.T. -0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 56 Resp: 2585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 91.2 | 53.3 | 79.9# |



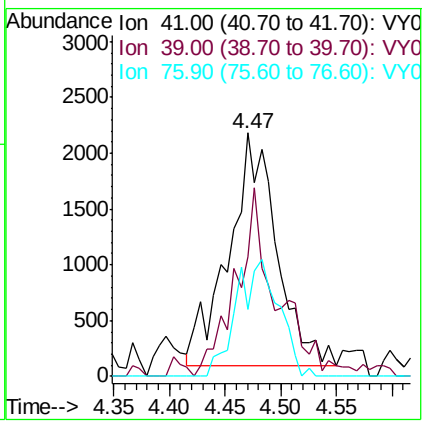


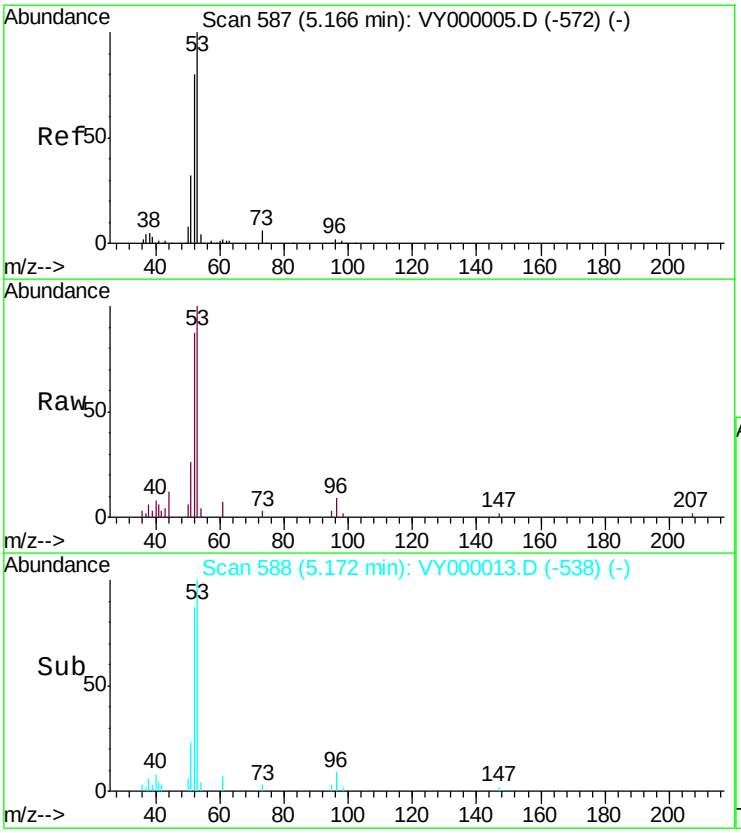

#14
Allyl chloride
Concen: 3.298 ug/l
RT: 4.47 min Scan# 473
Delta R.T. -0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 41 Resp: 6326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 67.8 | 52.4 | 78.6 |
| 76 | 43.7 | 33.3 | 49.9 |

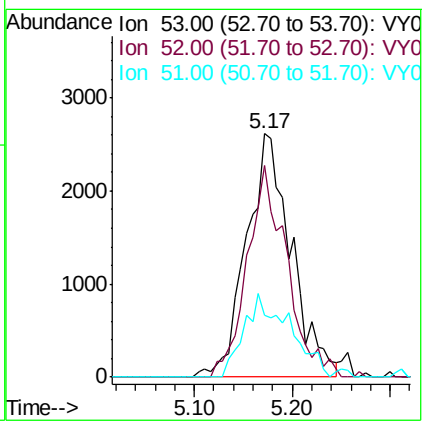


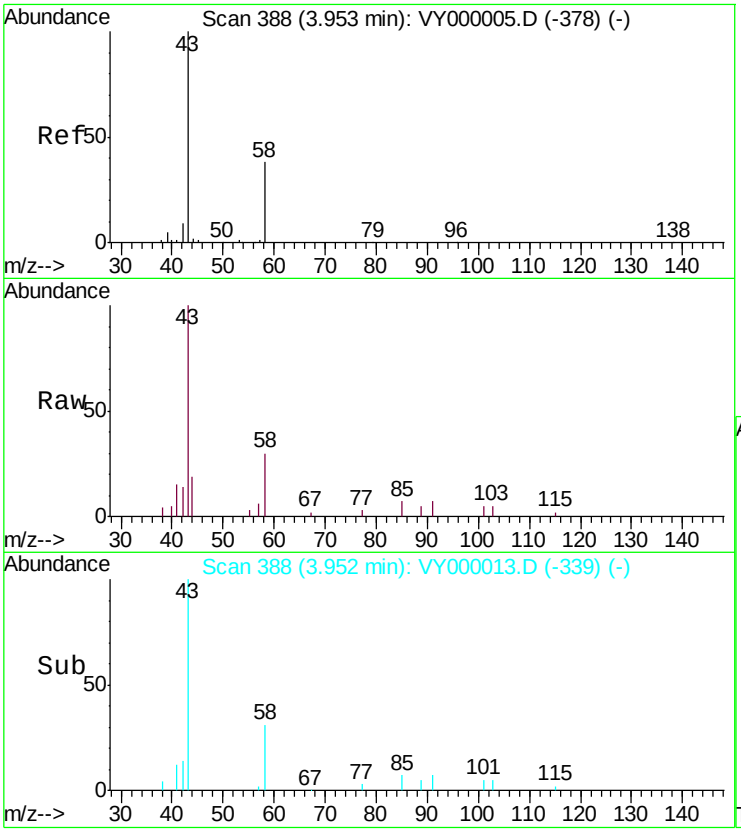




#15
Acrylonitrile
Concen: 16.529 ug/l
RT: 5.17 min Scan# 588
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 53 Resp: 8277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 77.0 | 64.4 | 96.6 |
| 51 | 35.0 | 27.1 | 40.7 |



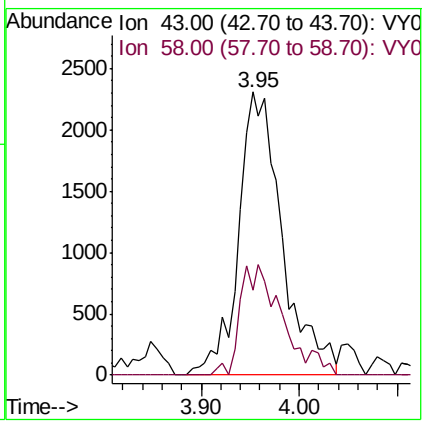


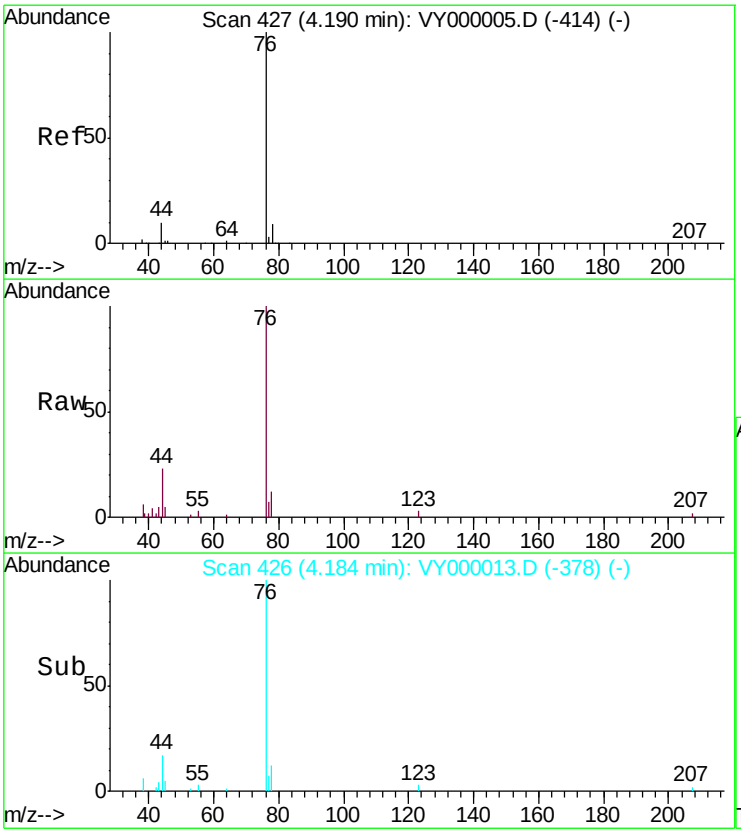

#16
Acetone
Concen:  18.564 ug/l
RT: 3.95 min  Scan# 388
Delta R.T.  -0.00 min
Lab File:  VY000013.D
Acq: 11 Sep 2019  21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 43 Resp:  7158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.9 | 30.5 | 45.7# |

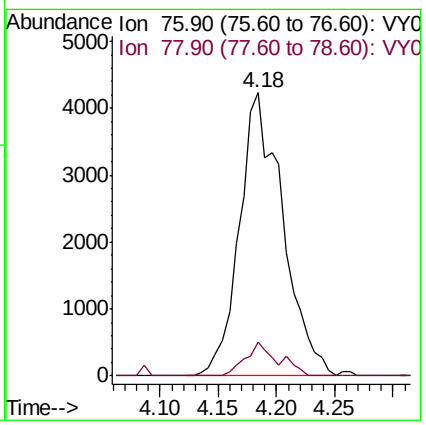


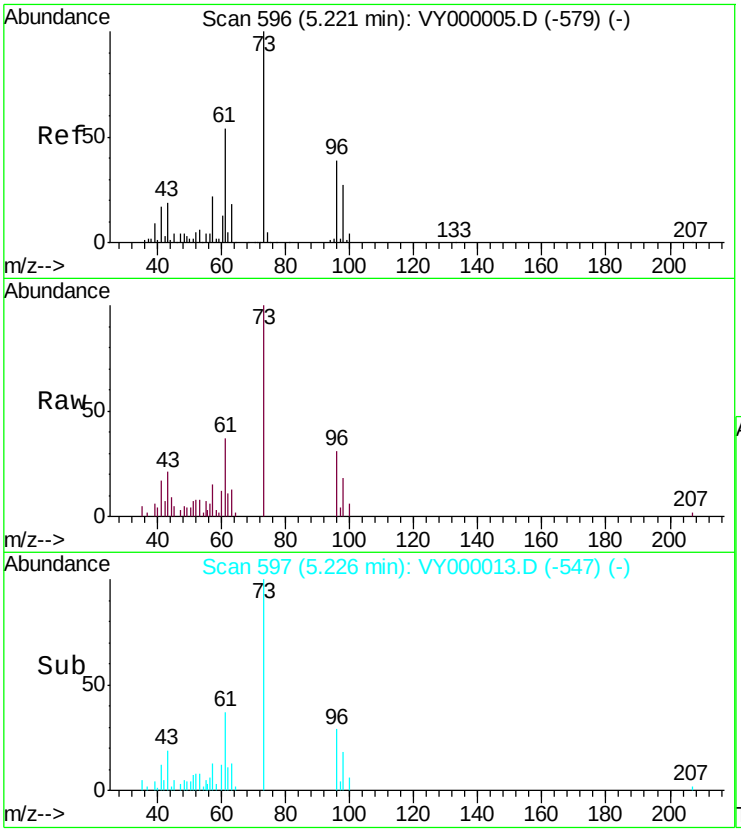




#17
Carbon Disulfide
Concen:  1.955 ug/l
RT: 4.18 min  Scan# 426
Delta R.T.  -0.01 min
Lab File:  VY000013.D
Acq: 11 Sep 2019  21:06

Tgt Ion: 76 Resp:  10950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 11.9 | 7.2 | 10.8# |



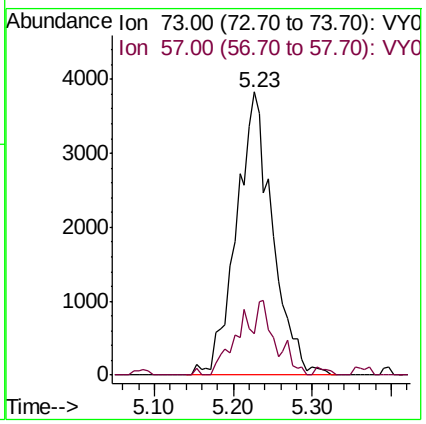


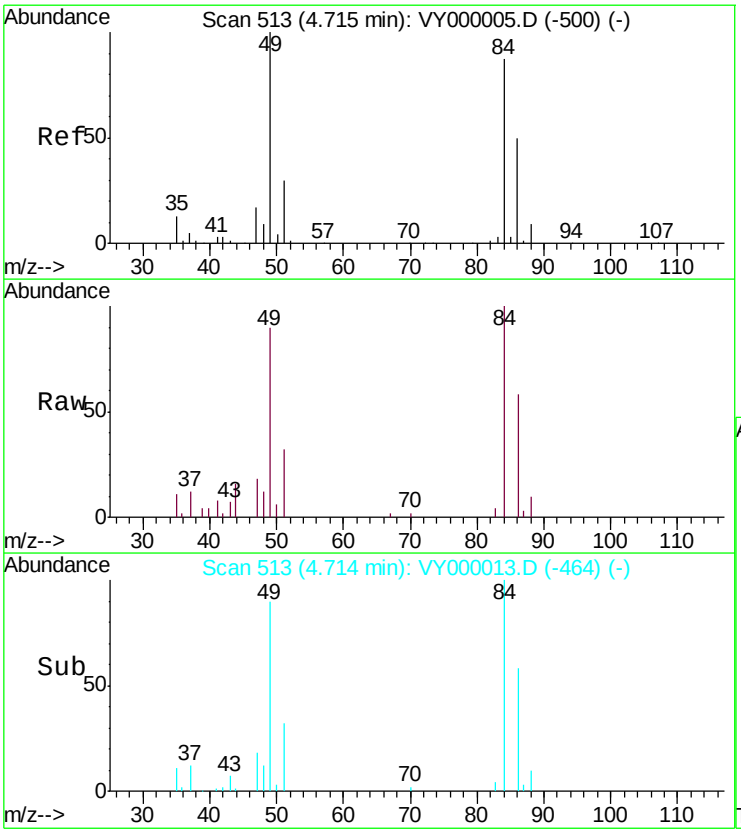

#19
Methyl tert-butyl Ether
Concen: 3.417 ug/l
RT: 5.23 min Scan# 597
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :** MSVOA_Y
**ClientSampleId :** MDL 3 PPB

Tgt Ion: 73 Resp: 12138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 14.8 | 18.2 | 27.4# |

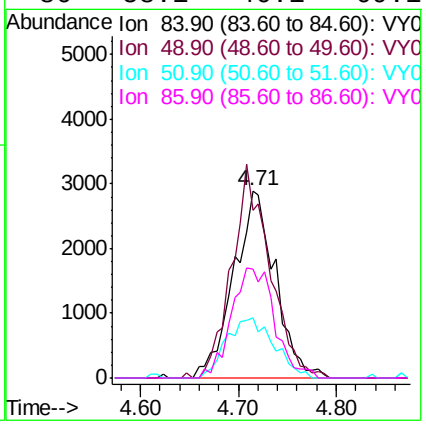


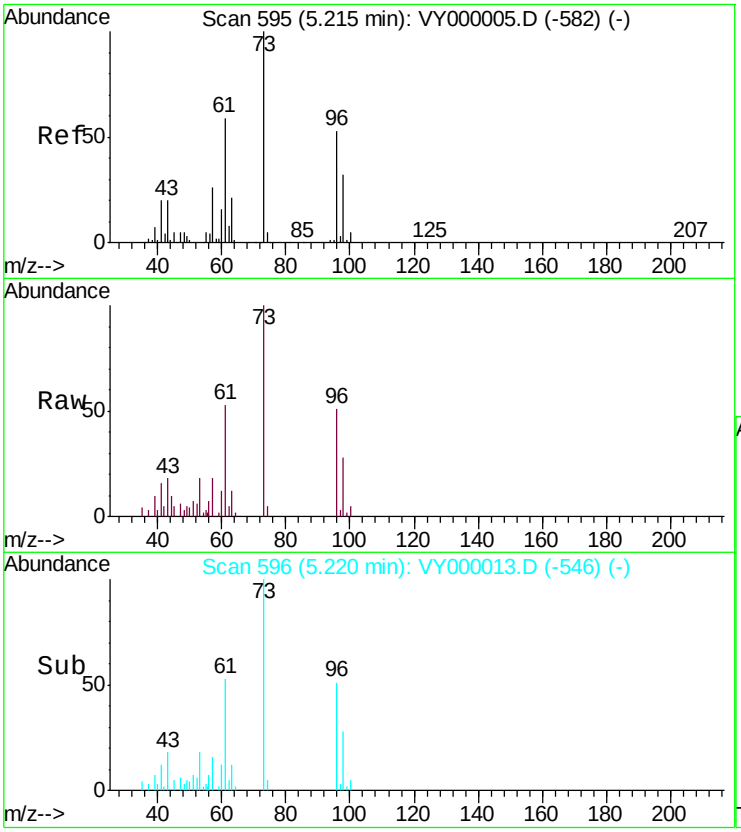




#20
Methylene Chloride
Concen: 2.327 ug/l
RT: 4.71 min Scan# 513
Delta R.T. 0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 84 Resp: 8508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 89.8 | 91.7 | 137.5# |
| 51 | 31.9 | 28.0 | 42.0 |
| 86 | 58.1 | 46.1 | 69.1 |



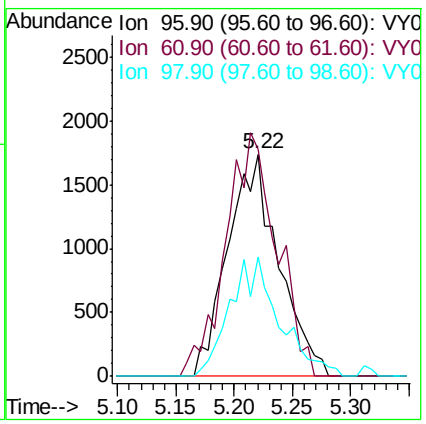


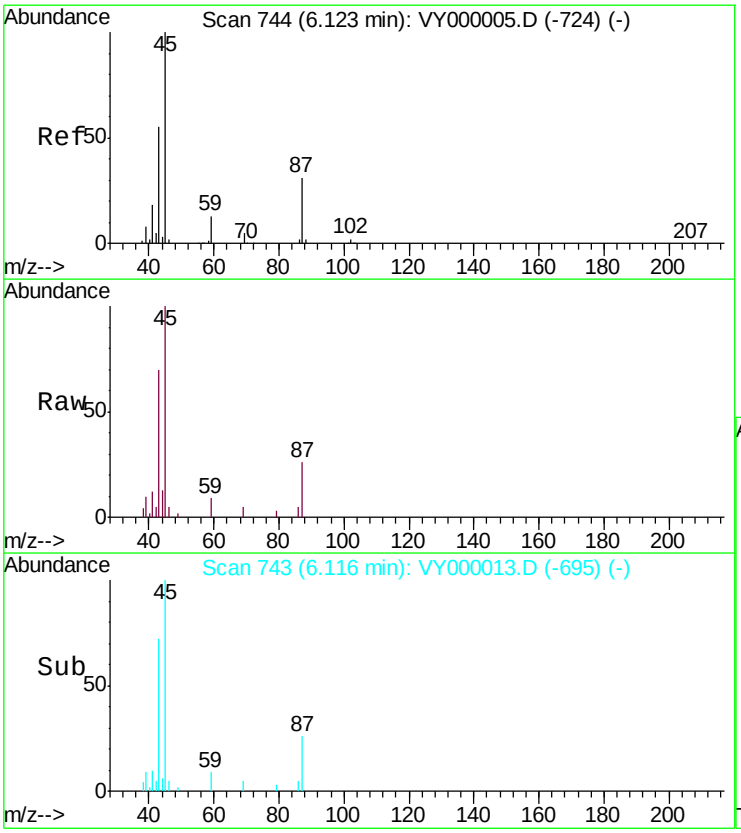

#21
trans-1,2-Dichloroethene
Concen: 3.888 ug/l
RT: 5.22 min Scan# 596
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 96 Resp: 5282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 102.2 | 89.4 | 134.2 |
| 98 | 53.8 | 48.6 | 73.0 |

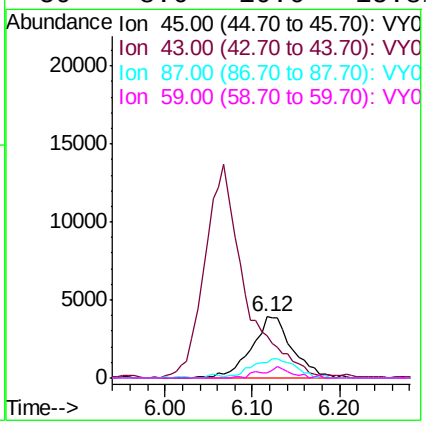


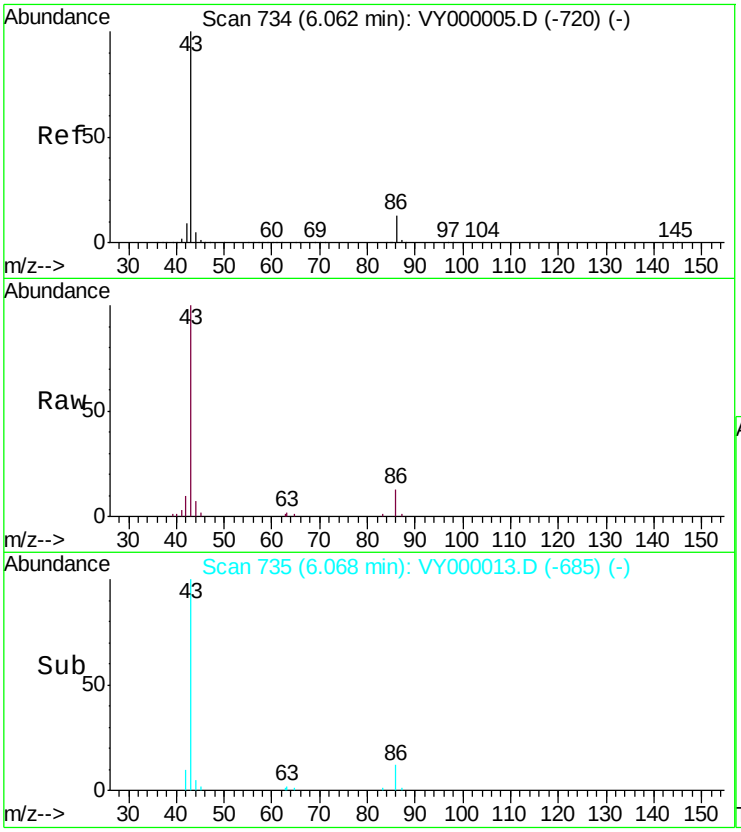




#22
Diisopropyl ether
Concen: 3.049 ug/l
RT: 6.12 min Scan# 743
Delta R.T. -0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 45 Resp: 12714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 66.6 | 45.2 | 67.8 |
| 87 | 25.7 | 25.3 | 37.9 |
| 59 | 8.6 | 10.6 | 15.8# |



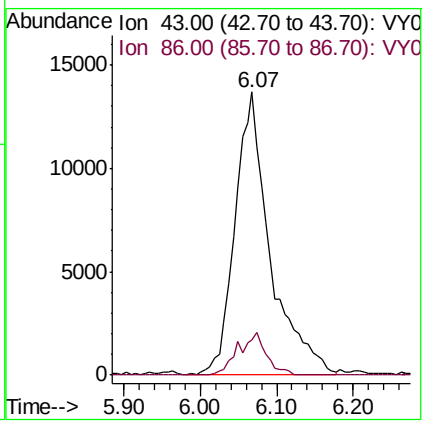


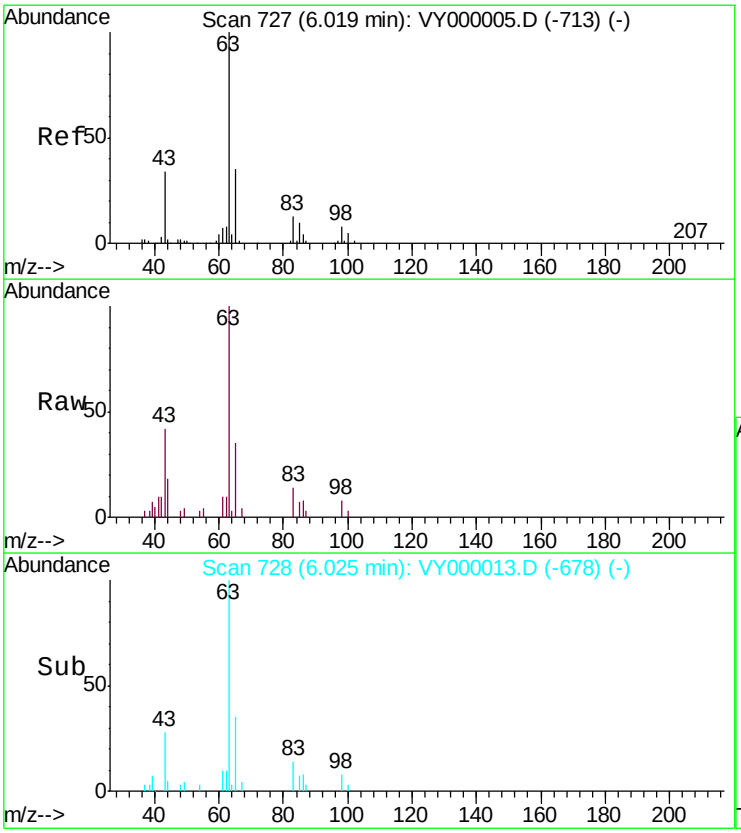

#23
Vinyl Acetate
Concen: 15.449 ug/l
RT: 6.07 min Scan# 735
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :** MSVOA_Y
**ClientSampleId :** MDL 3 PPB

Tgt Ion: 43 Resp: 43675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 12.6 | 10.3 | 15.5 |

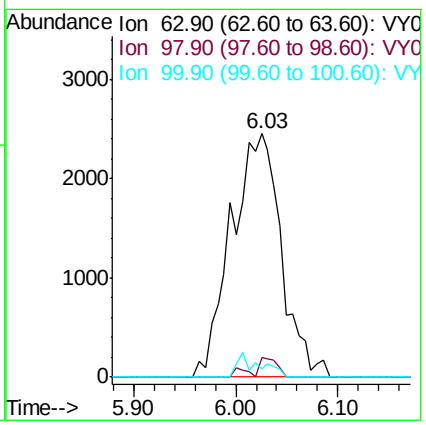


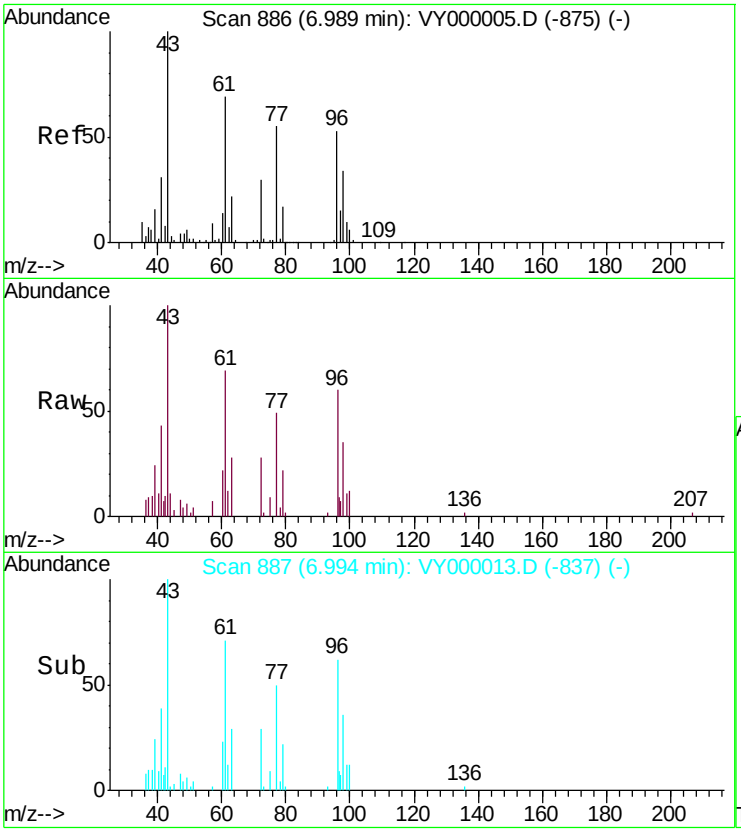




#24
1,1-Dichloroethane
Concen: 3.337 ug/l
RT: 6.03 min Scan# 728
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 63 Resp: 8336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.9 | 4.0 | 12.0 |
| 100 | 3.4 | 2.5 | 7.5 |



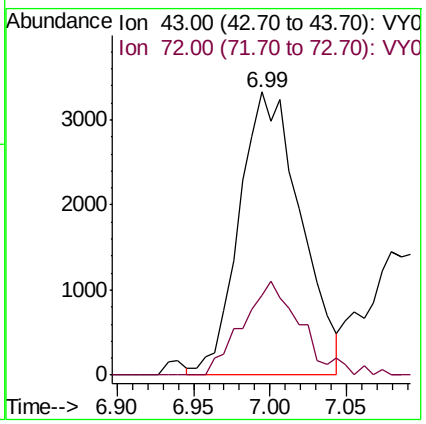


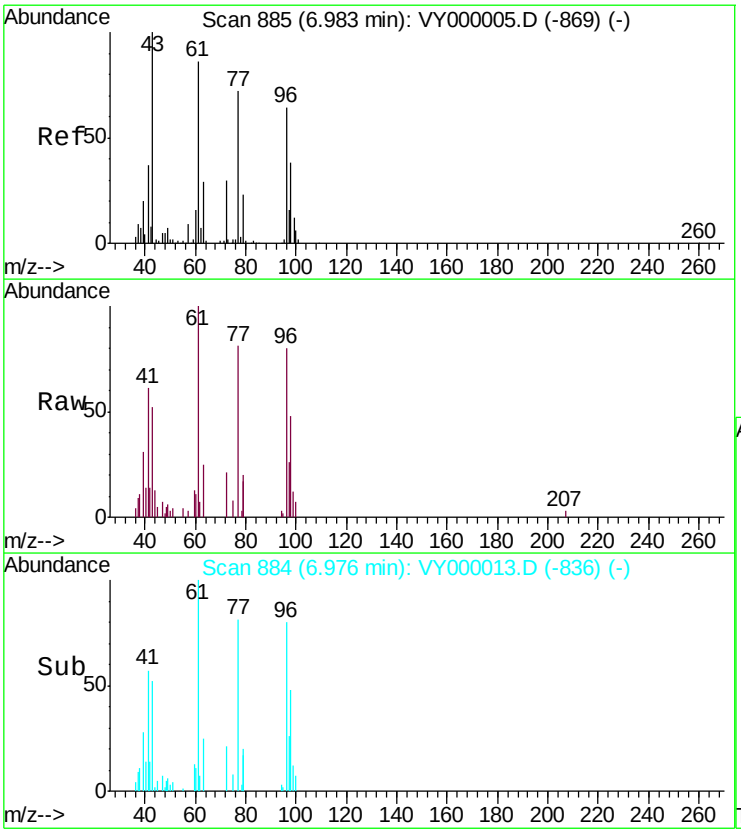

#25
2-Butanone
Concen: 15.303 ug/l
RT: 6.99 min Scan# 887
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 43 Resp: 9317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 28.7 | 24.2 | 36.2 |

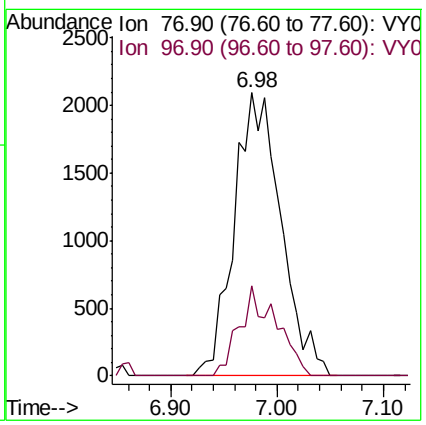


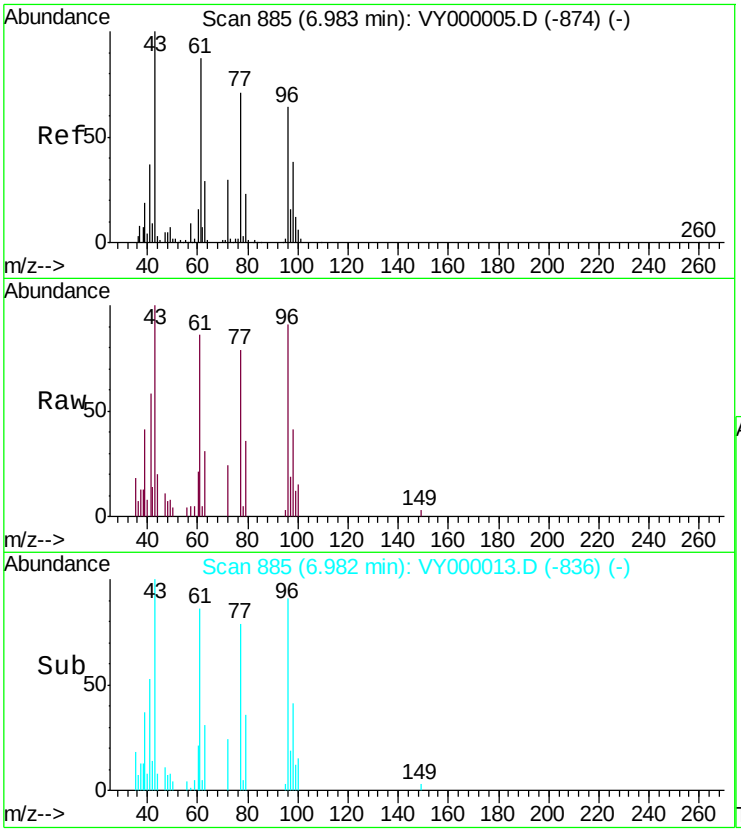




#26
2,2-Dichloropropane
Concen: 3.022 ug/l
RT: 6.98 min Scan# 884
Delta R.T. -0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 77 Resp: 6455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 25.2 | 12.6 | 37.6 |



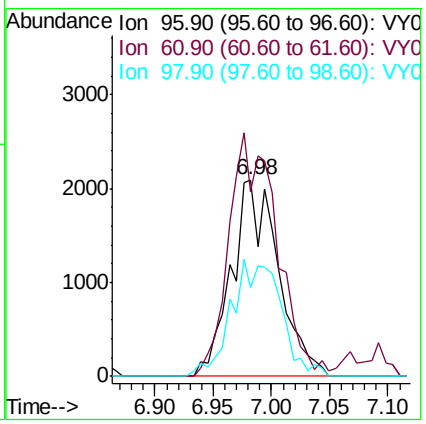


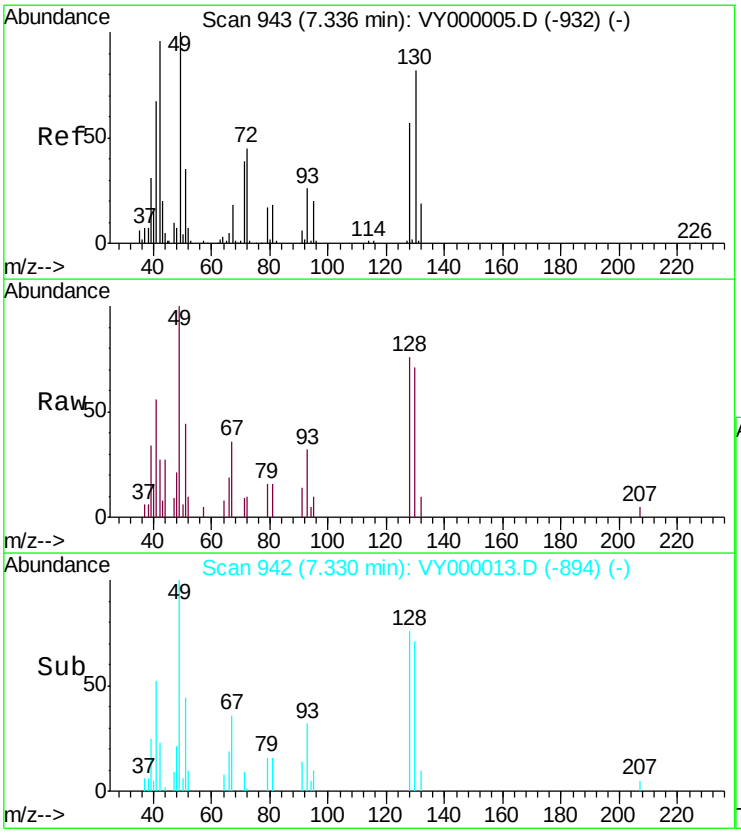

#27
cis-1,2-Dichloroethene
Concen: 3.410 ug/l
RT: 6.98 min Scan# 885
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 96 Resp: 5812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 127.0 | 0.0 | 259.0 |
| 98 | 62.6 | 0.0 | 129.8 |

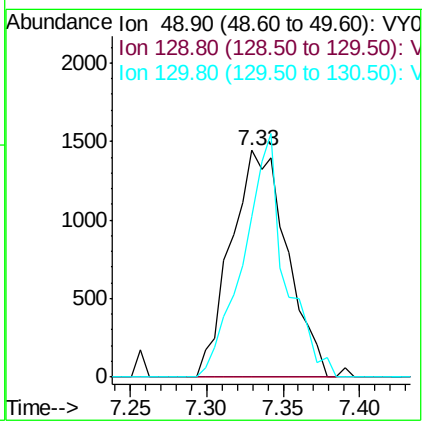


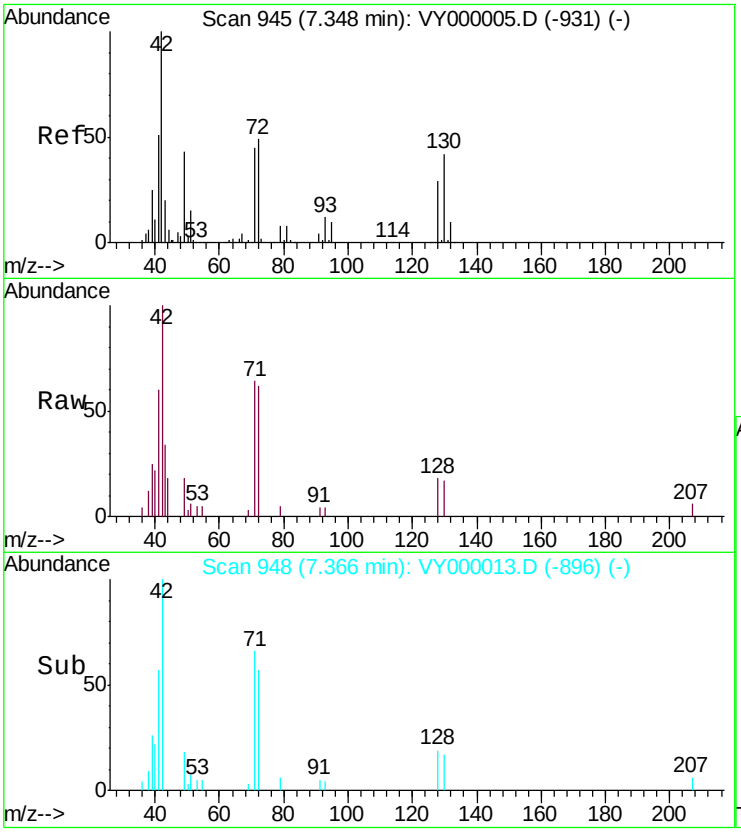




#28
Bromochloromethane
Concen: 3.192 ug/l
RT: 7.33 min Scan# 942
Delta R.T. -0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 49 Resp: 3674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.0 | 0.0 | 4.6 |
| 130 | 80.1 | 65.3 | 97.9 |



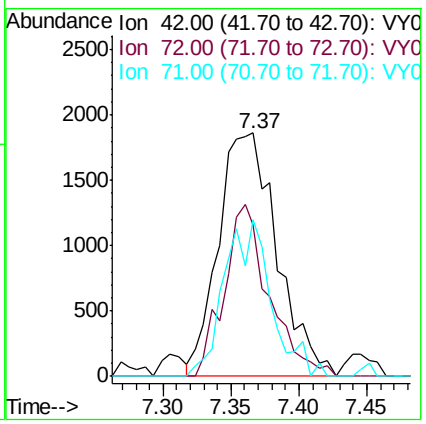


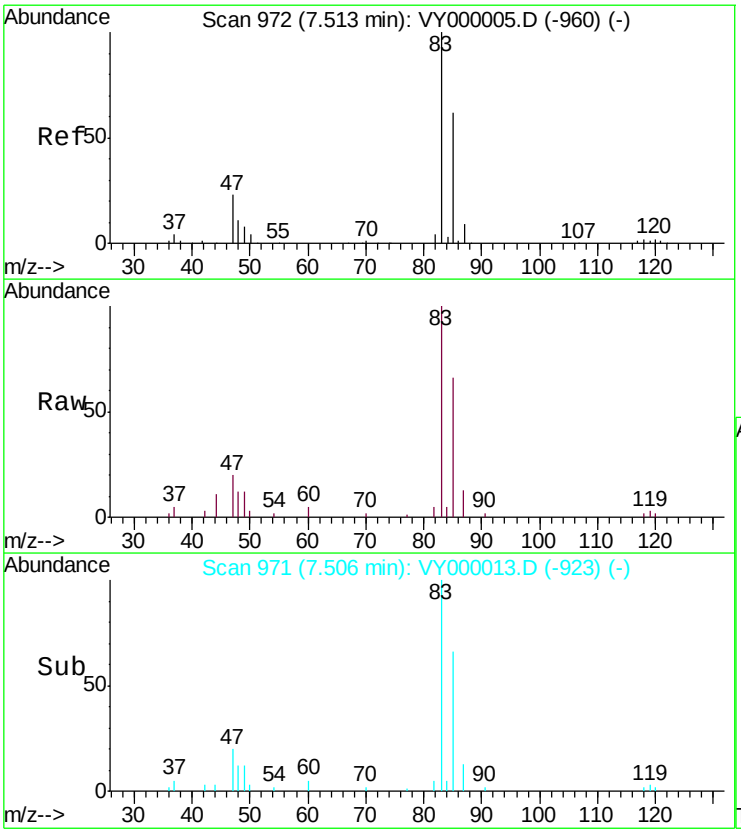

#29
Tetrahydrofuran
Concen: 14.744 ug/l
RT: 7.37 min Scan# 948
Delta R.T. 0.02 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 42 Resp: 5608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 53.7 | 39.2 | 58.8 |
| 71 | 25.7 | 36.4 | 54.6# |

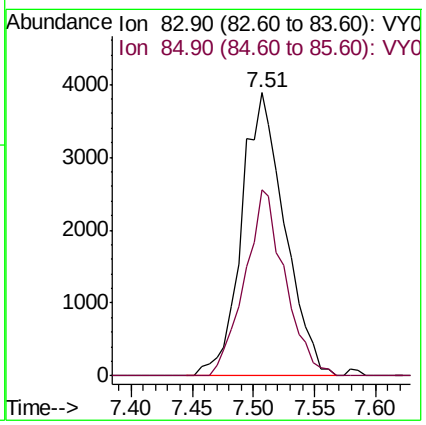


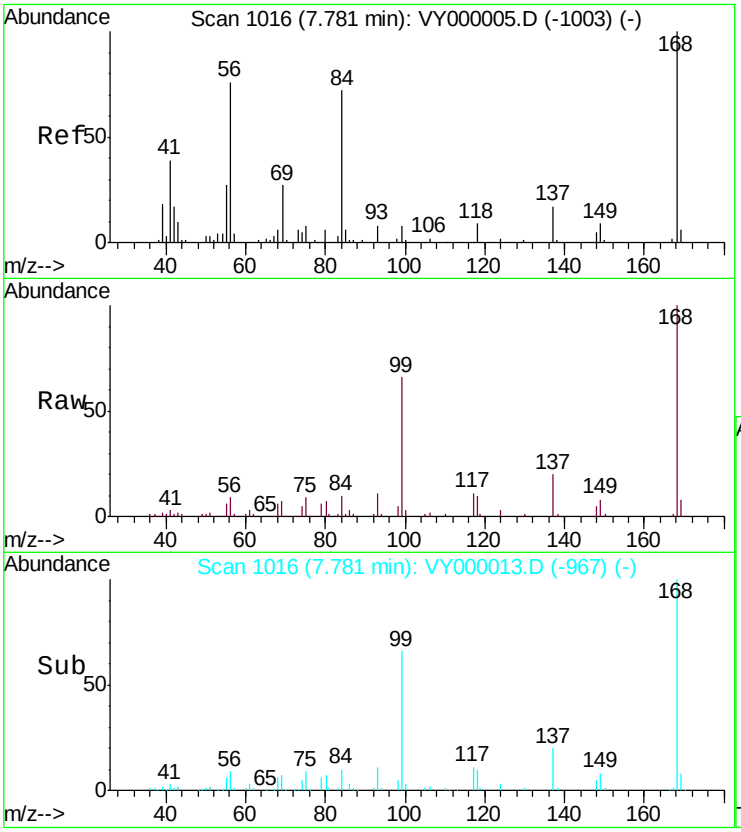




#30
Chloroform
Concen: 3.775 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 83 Resp: 9544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.0 | 49.4 | 74.0 |



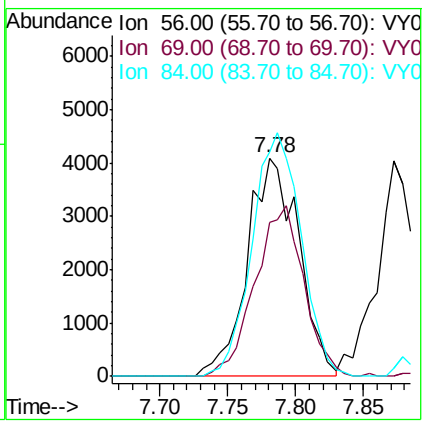


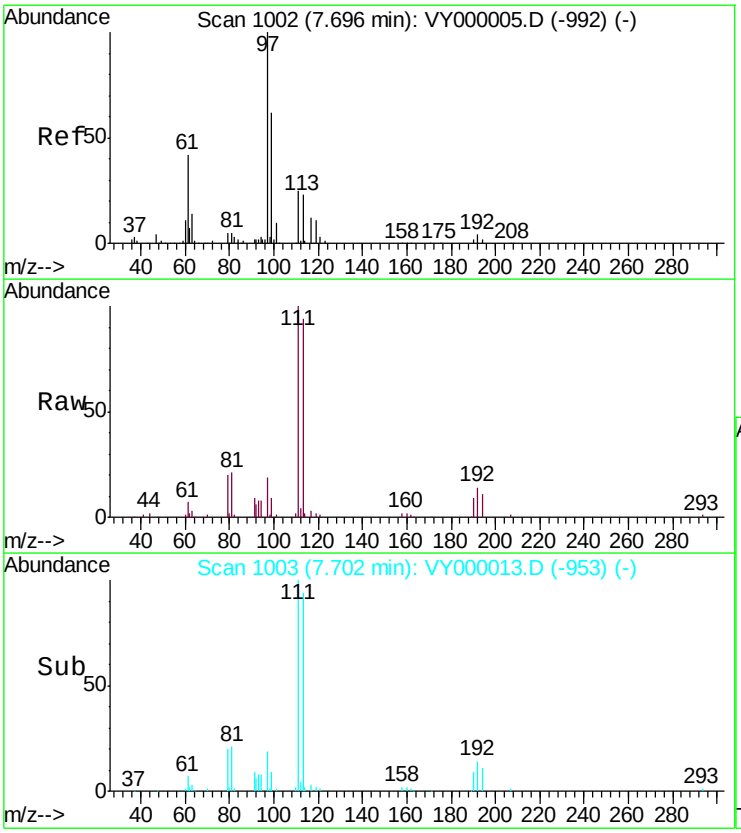

#31
Cyclohexane
Concen: 2.116 ug/l
RT: 7.78 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 56 Resp: 10815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 70.7 | 28.5 | 42.7# |
| 84 | 102.5 | 76.4 | 114.6 |

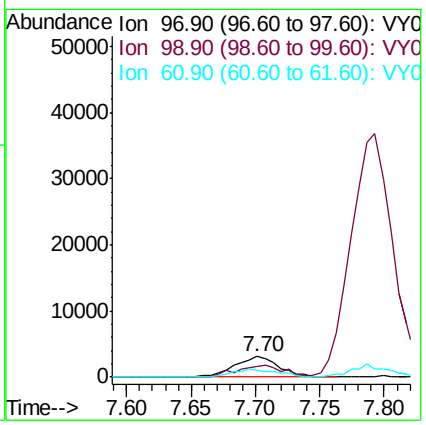


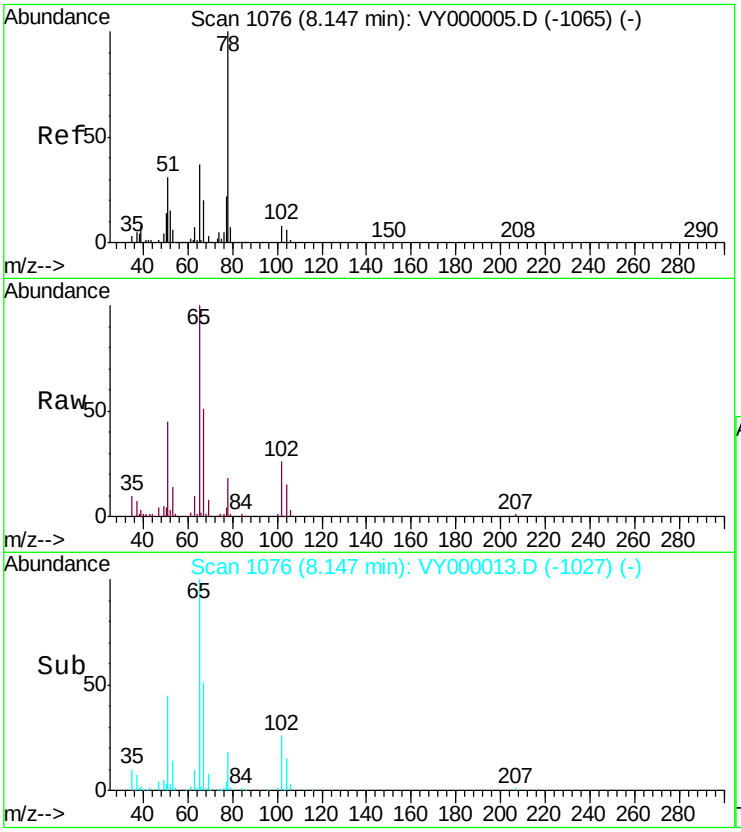




#32
1,1,1-Trichloroethane
Concen: 3.486 ug/l
RT: 7.70 min Scan# 1003
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 97 Resp: 7274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 61.3 | 50.3 | 75.5 |
| 61 | 40.3 | 35.0 | 52.4 |



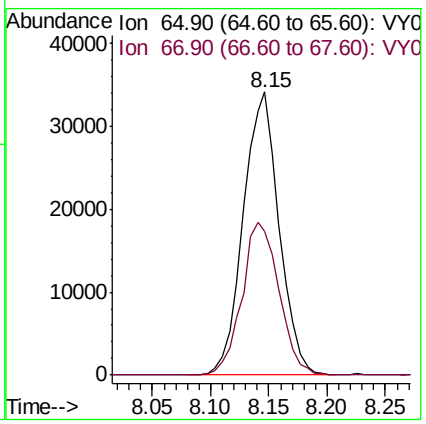


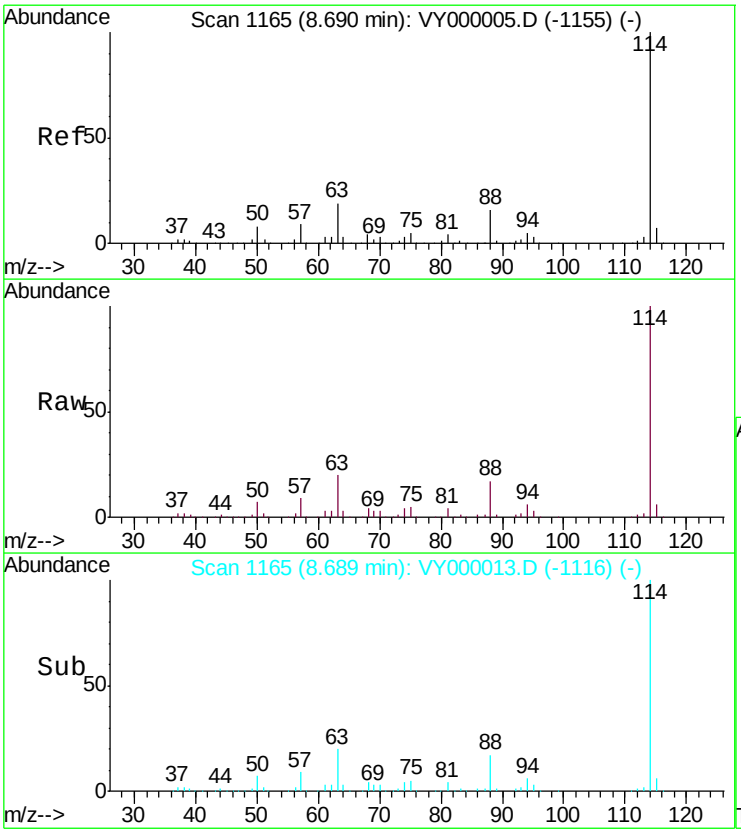

#33
1,2-Dichloroethane-d4
Concen: 52.945 ug/l
RT: 8.15 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 65 Resp: 73167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 55.9 | 0.0 | 111.4 |

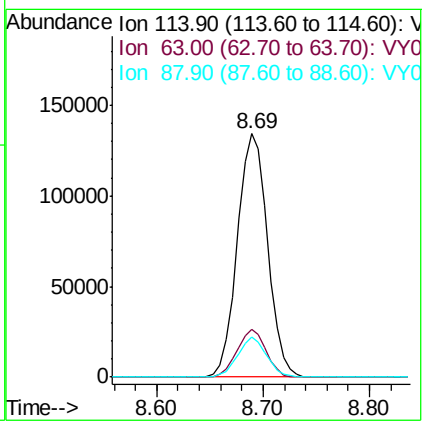


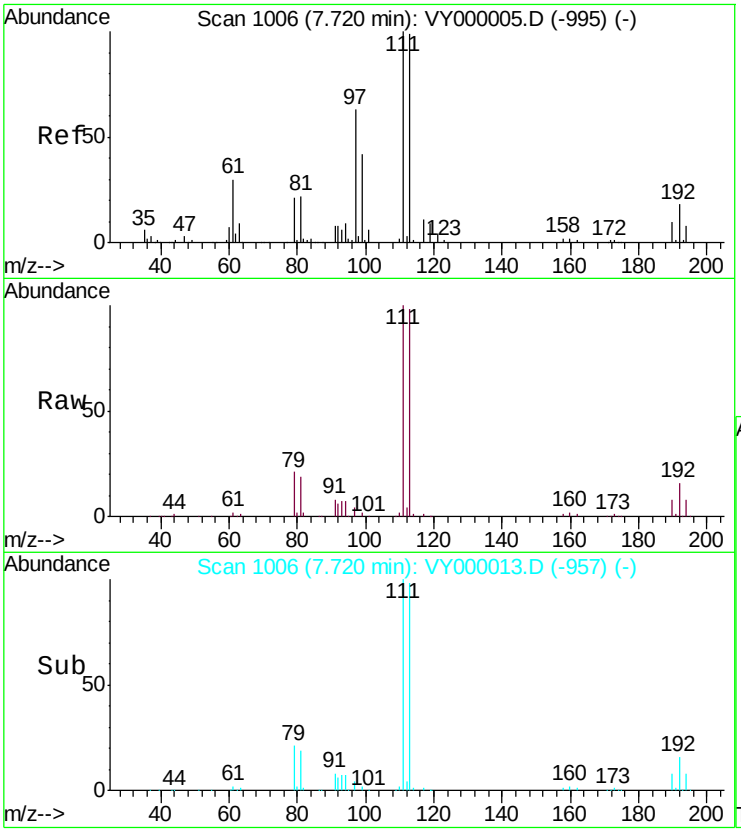




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1165
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion:114 Resp: 268076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.8 | 0.0 | 37.4 |
| 88 | 16.5 | 0.0 | 32.6 |



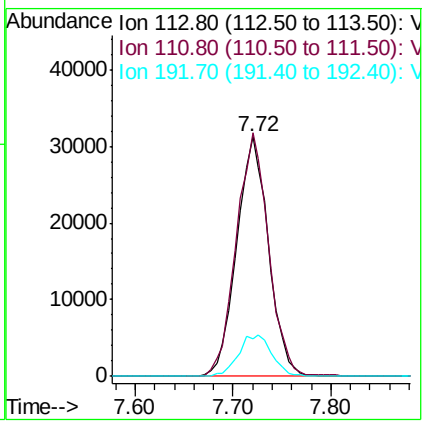


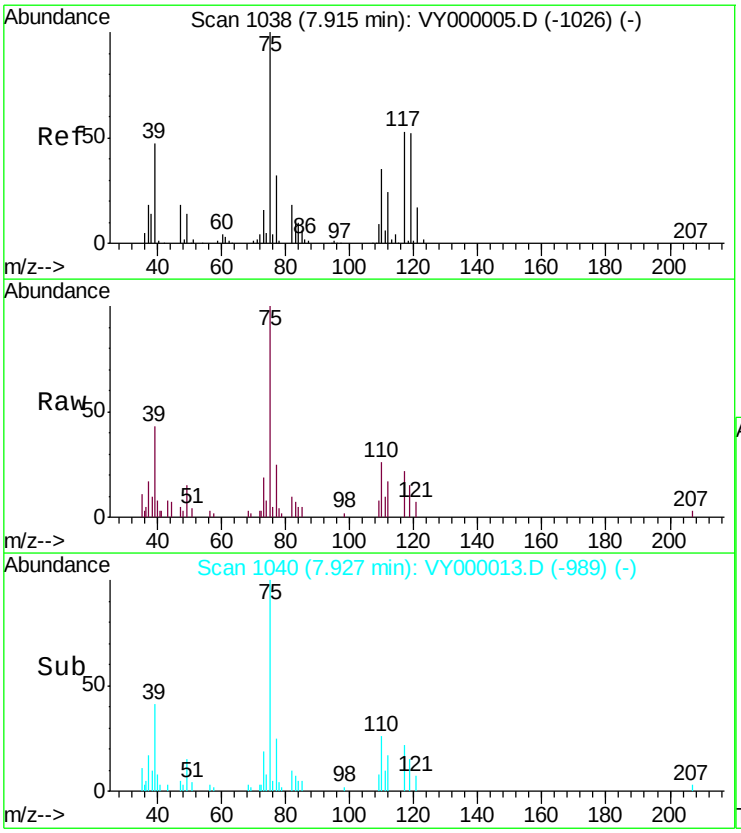

#35
Dibromofluoromethane
Concen: 46.959 ug/l
RT: 7.72 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion:113 Resp: 70372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.0 | 81.6 | 122.4 |
| 192 | 18.0 | 15.2 | 22.8 |

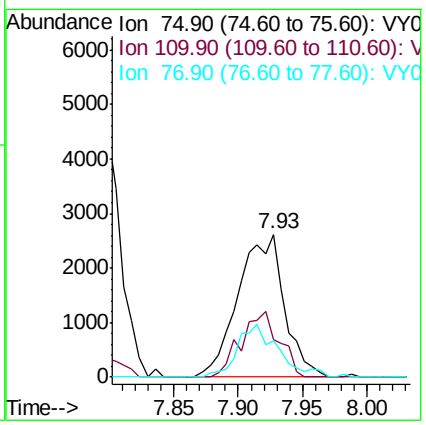


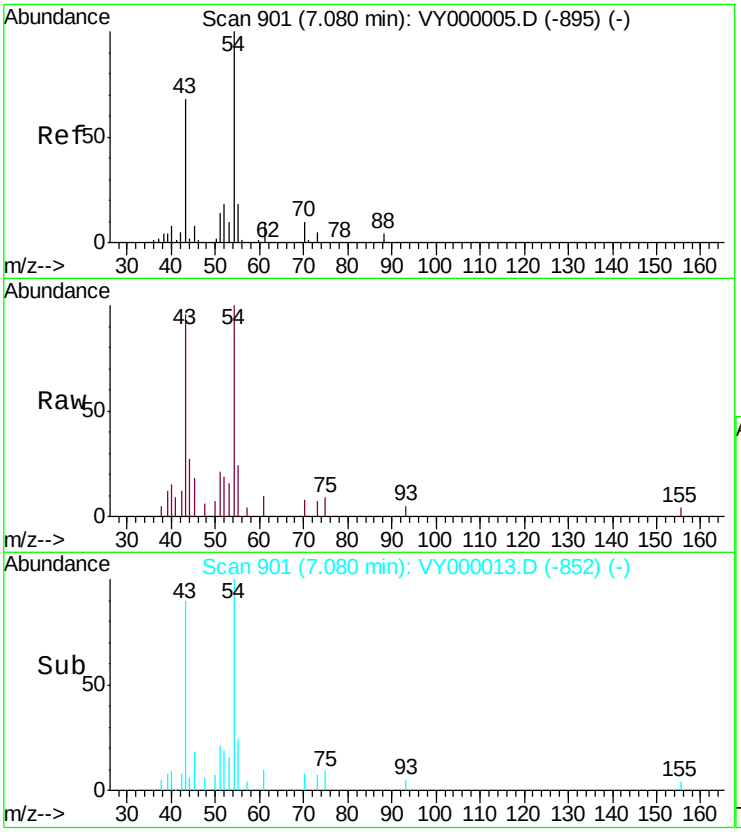




#36
1,1-Dichloropropene
Concen: 3.350 ug/l
RT: 7.93 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 75 Resp: 6492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 37.7 | 18.7 | 56.1 |
| 77 | 32.7 | 25.6 | 38.4 |



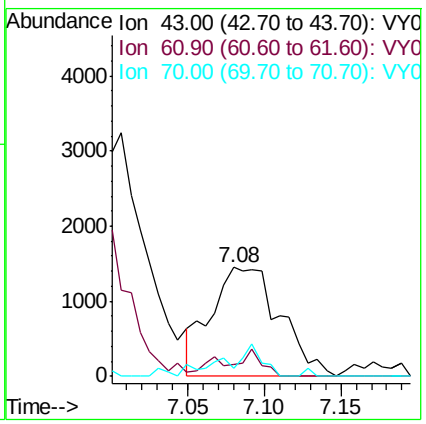


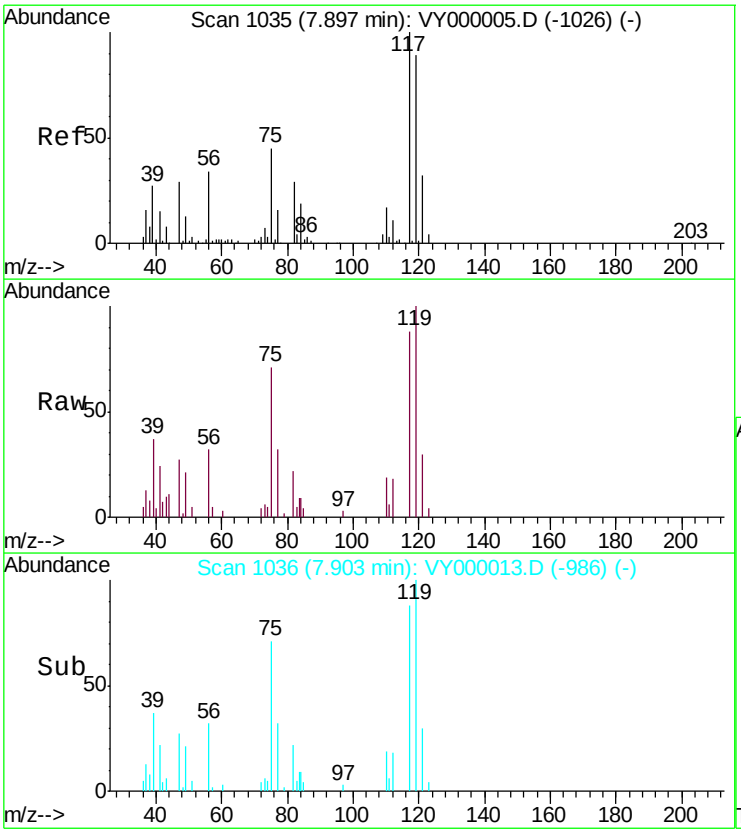

#37
Ethyl Acetate
Concen: 3.426 ug/l
RT: 7.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :** MSVOA_Y
**ClientSampleId :** MDL 3 PPB

Tgt Ion: 43 Resp: 4541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 5.3 | 13.0 | 19.4# |
| 70 | 0.0 | 11.0 | 16.4# |

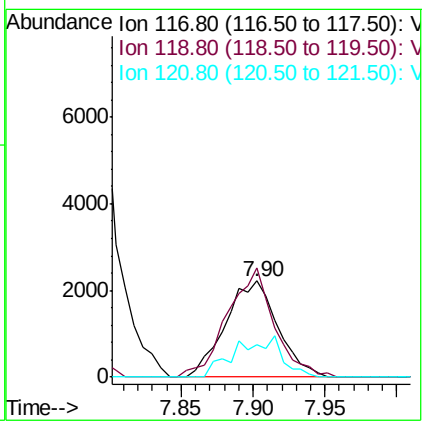


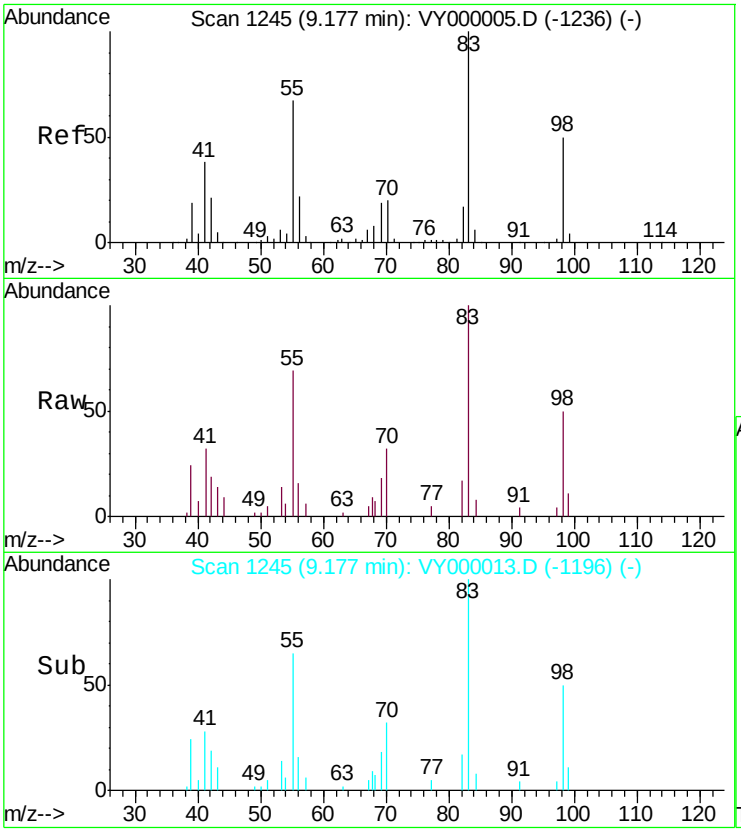




#38
Carbon Tetrachloride
Concen: 3.018 ug/l
RT: 7.90 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion:117 Resp: 5614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 113.3 | 71.5 | 107.3# |
| 121 | 33.6 | 25.3 | 37.9 |



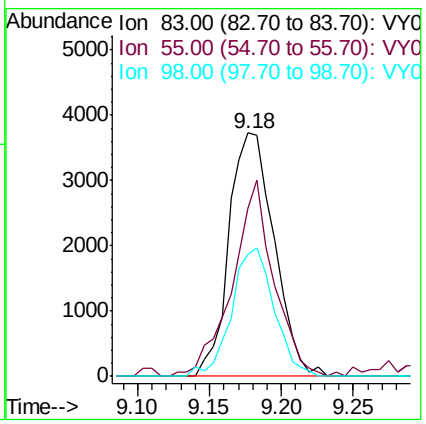


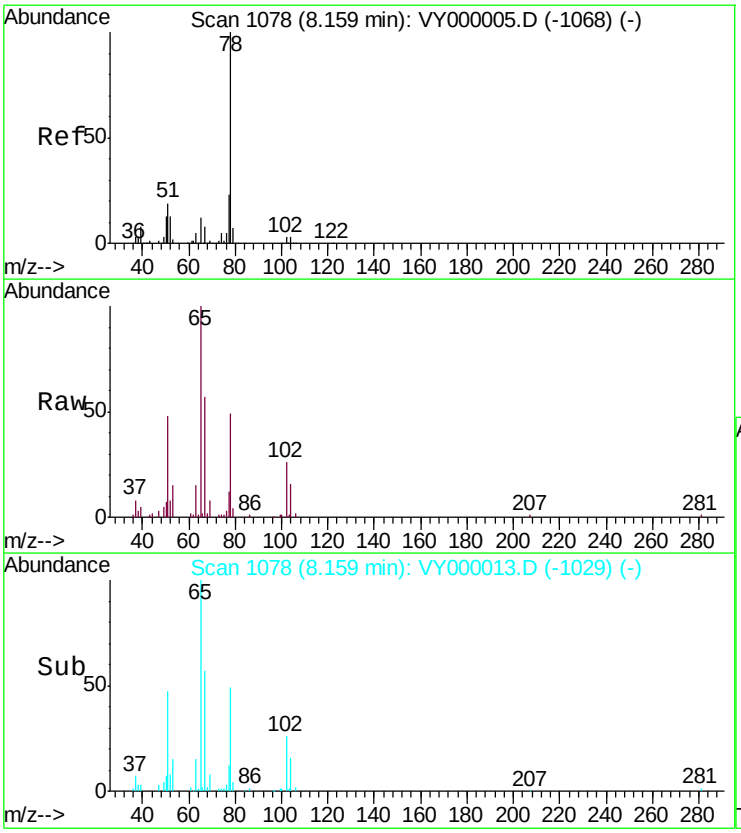

#39
Methylcyclohexane
Concen: 3.405 ug/l
RT: 9.18 min Scan# 1245
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 83 Resp: 8134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 67.4 | 53.8 | 80.6 |
| 98 | 49.9 | 40.0 | 60.0 |

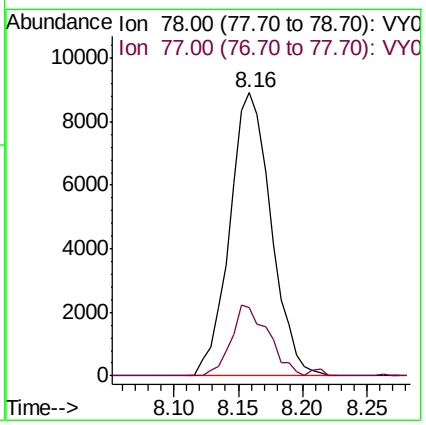


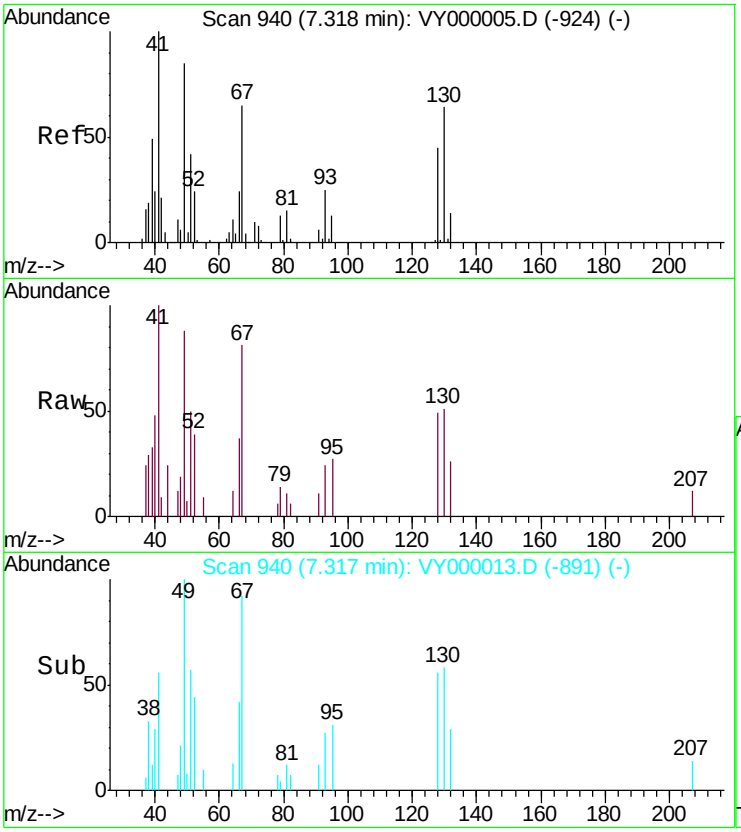




#40
Benzene
Concen: 3.196 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 78 Resp: 19914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.3 | 18.0 | 27.0 |



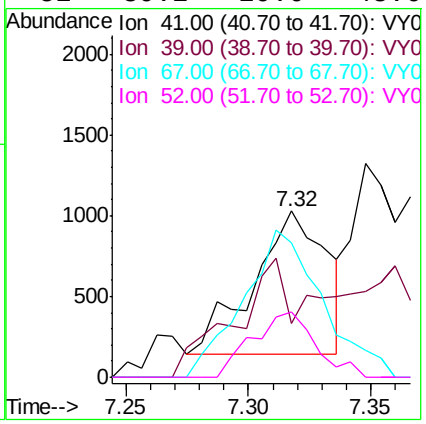


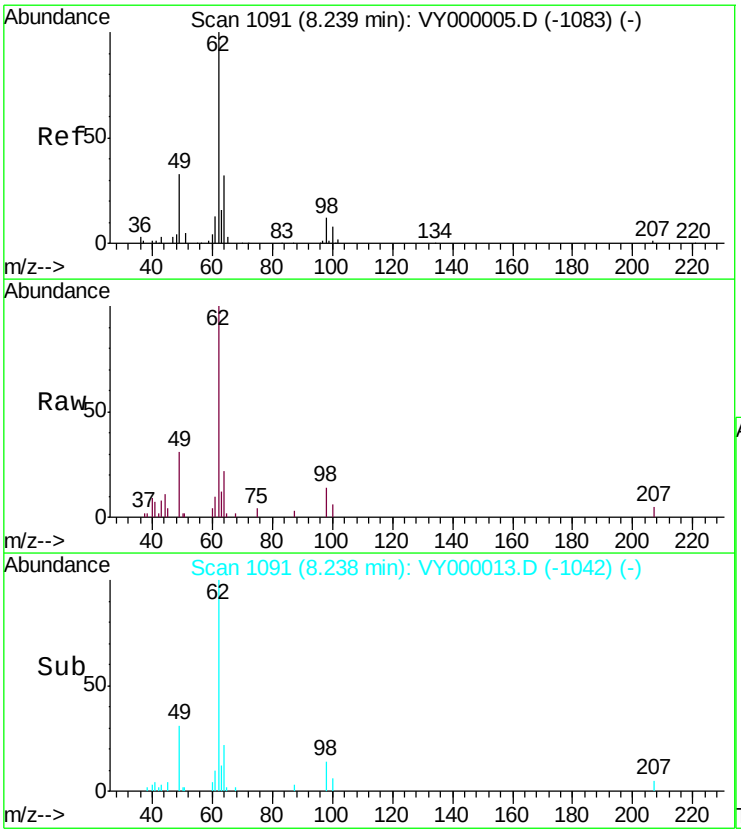

#41
Methacrylonitrile
Concen: 2.334 ug/l
RT: 7.32 min Scan# 940
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 41 Resp: 1854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 80.4 | 48.4 | 72.6# |
| 67 | 110.0 | 76.3 | 114.5 |
| 52 | 39.2 | 29.0 | 43.6 |

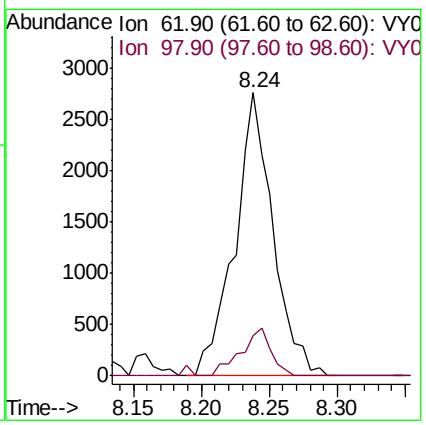


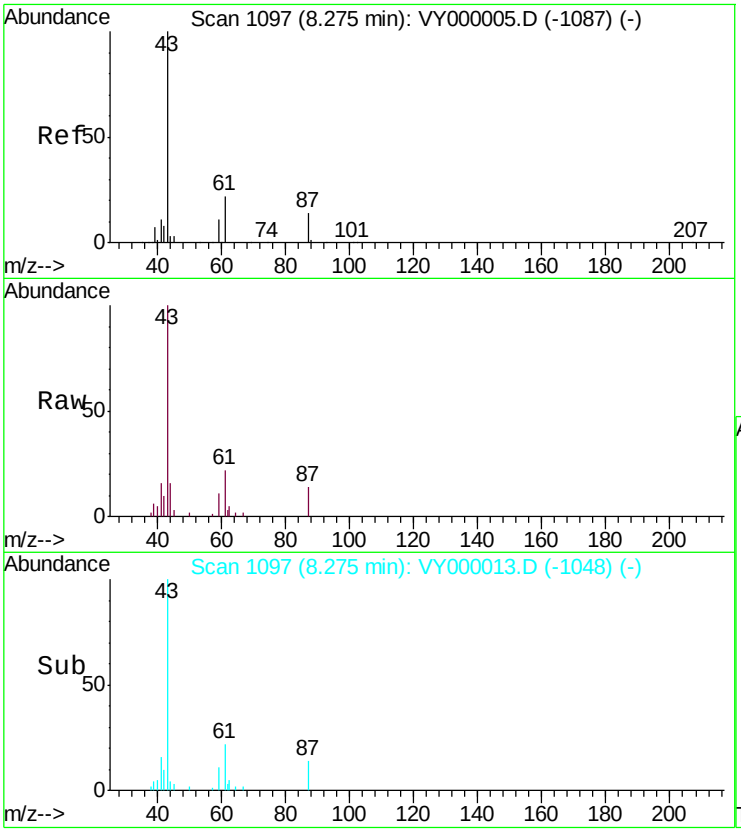




#42
1,2-Dichloroethane
Concen: 3.327 ug/l
RT: 8.24 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 62 Resp: 5406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 13.4 | 0.0 | 24.2 |



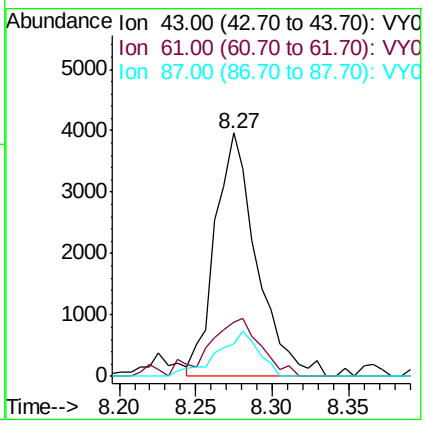


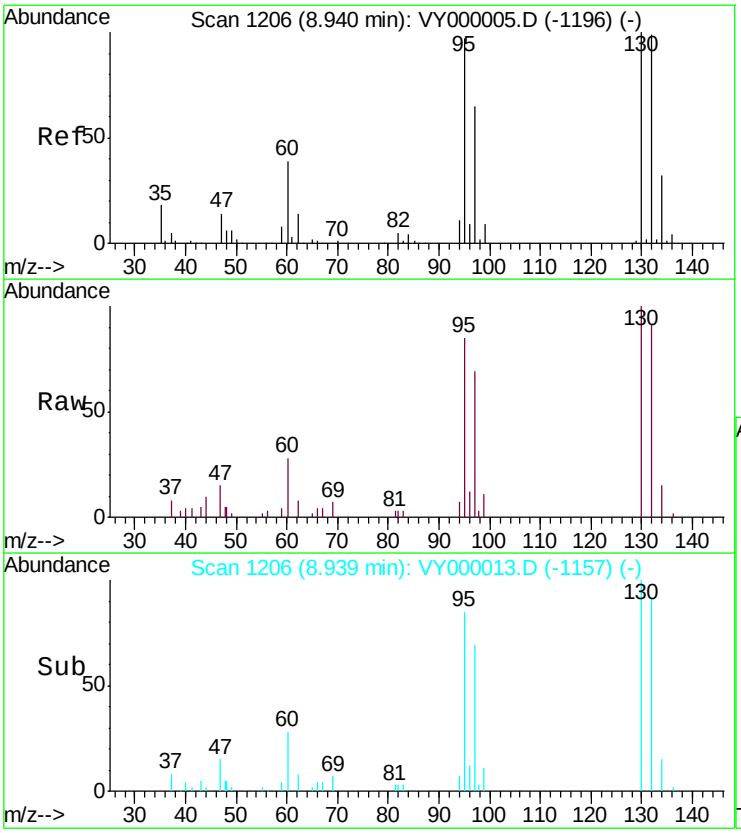

#43
Isopropyl Acetate
Concen: 3.084 ug/l
RT: 8.27 min Scan# 1097
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 43 Resp: 7513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 29.6 | 25.2 | 37.8 |
| 87 | 18.2 | 12.6 | 18.8 |

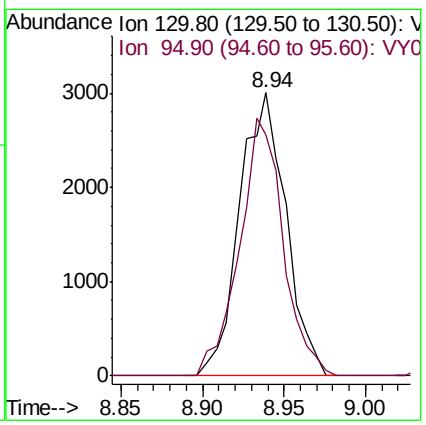


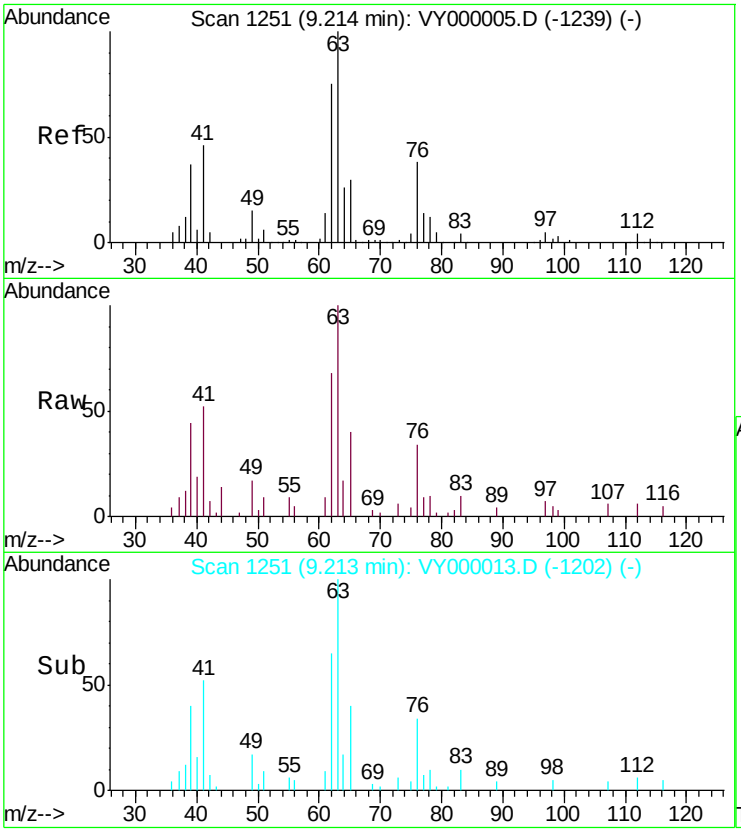




#44
Trichloroethene
Concen: 3.688 ug/l
RT: 8.94 min Scan# 1206
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion:130 Resp: 5912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 85.2 | 0.0 | 194.2 |



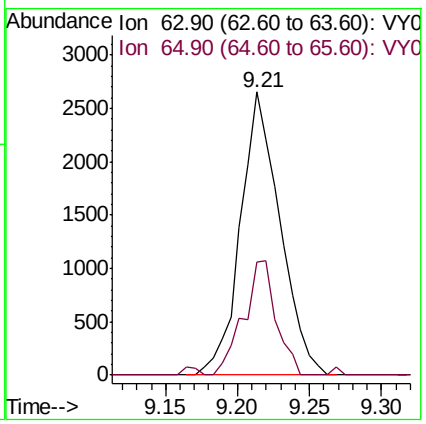


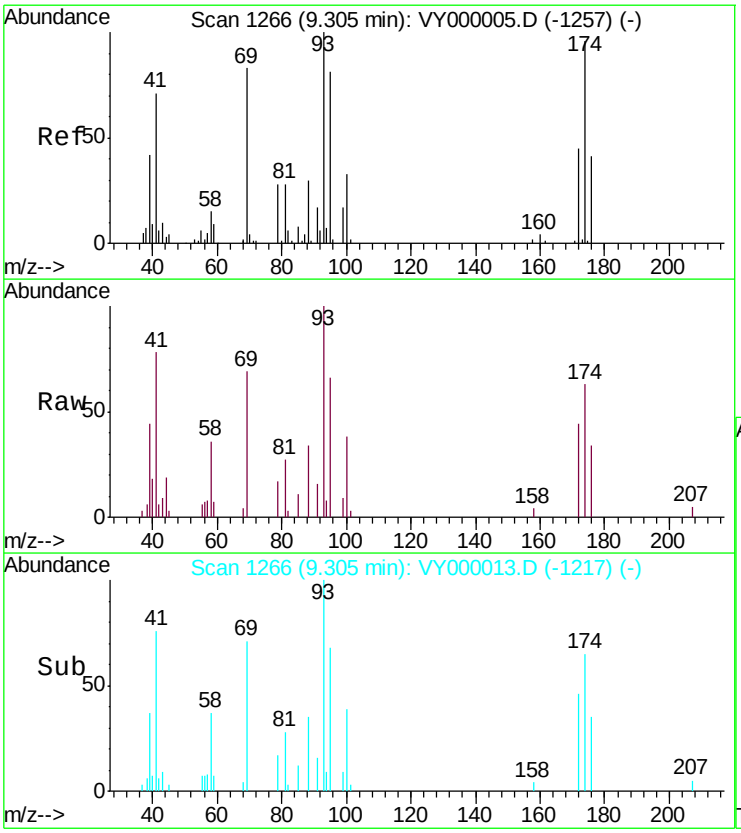

#45
1,2-Dichloropropane
Concen: 3.152 ug/l
RT: 9.21 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 63 Resp: 5041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 37.4 | 24.3 | 36.5# |

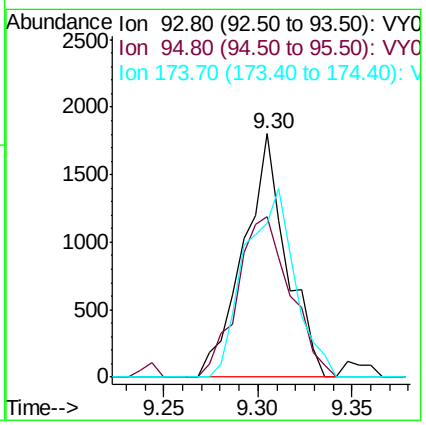


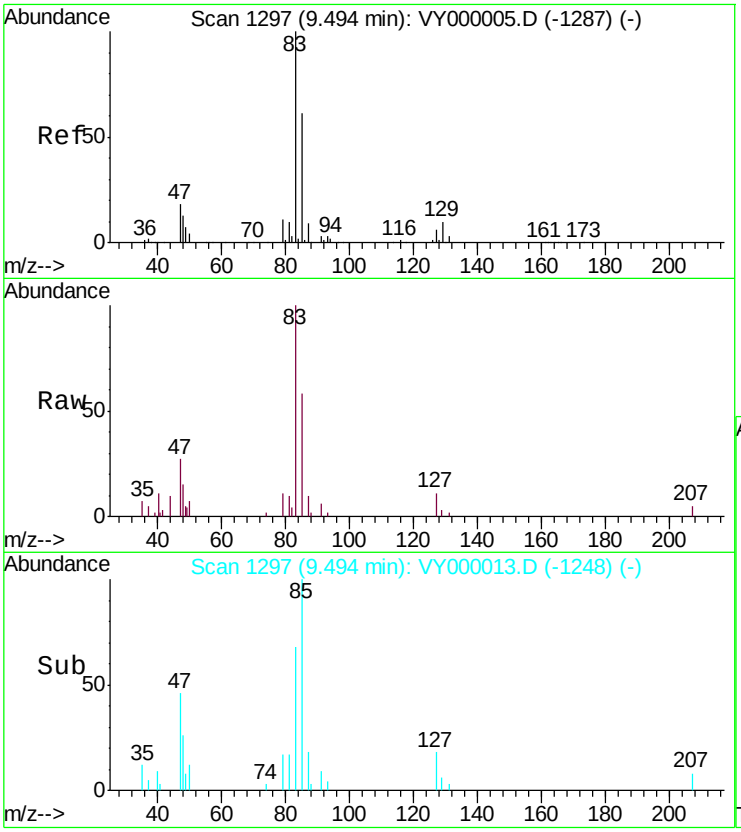




#46
Dibromomethane
Concen: 3.270 ug/l
RT: 9.30 min Scan# 1266
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 93 Resp: 2830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.0 | 68.1 | 102.1 |
| 174 | 89.6 | 72.8 | 109.2 |



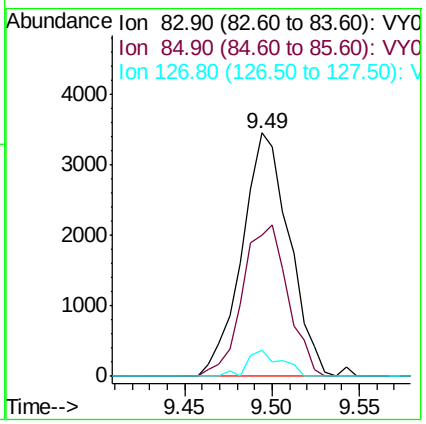


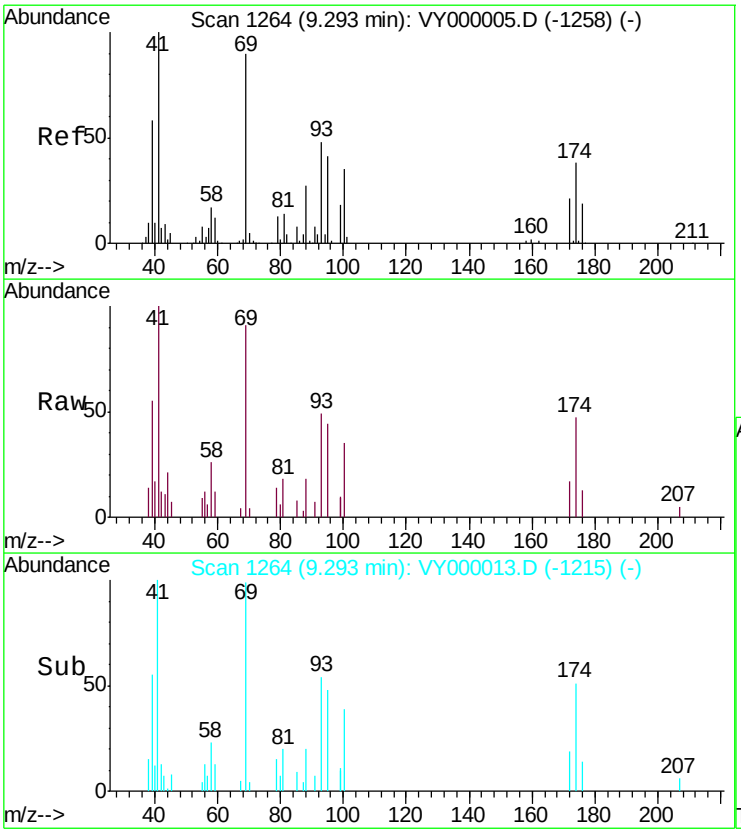

#47
Bromodichloromethane
Concen: 3.131 ug/l
RT: 9.49 min Scan# 1297
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 83 Resp: 6491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 58.2 | 49.2 | 73.8 |
| 127 | 10.6 | 5.0 | 7.6# |

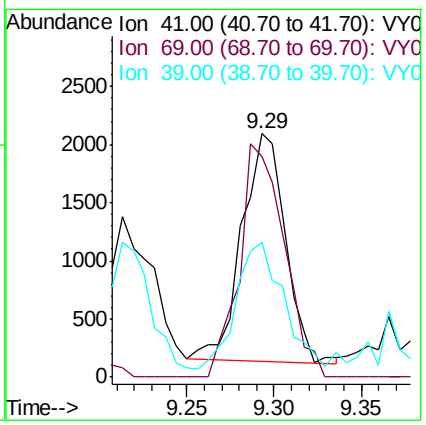


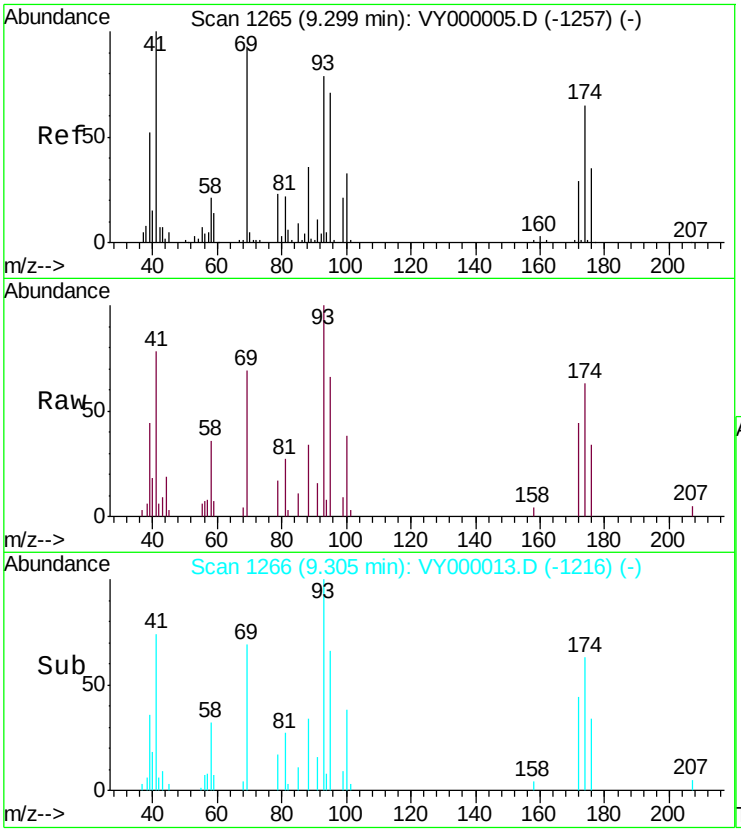




#48
Methyl methacrylate
Concen: 3.161 ug/l
RT: 9.29 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 41 Resp: 3402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 104.9 | 77.4 | 116.2 |
| 39 | 68.9 | 47.4 | 71.2 |



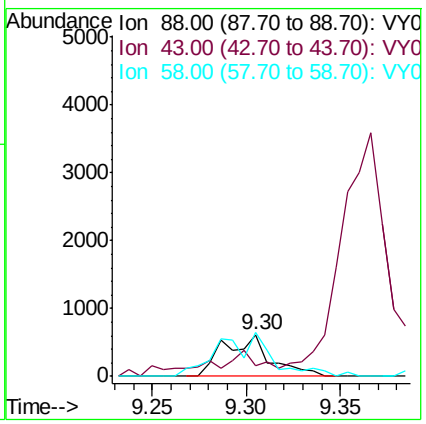


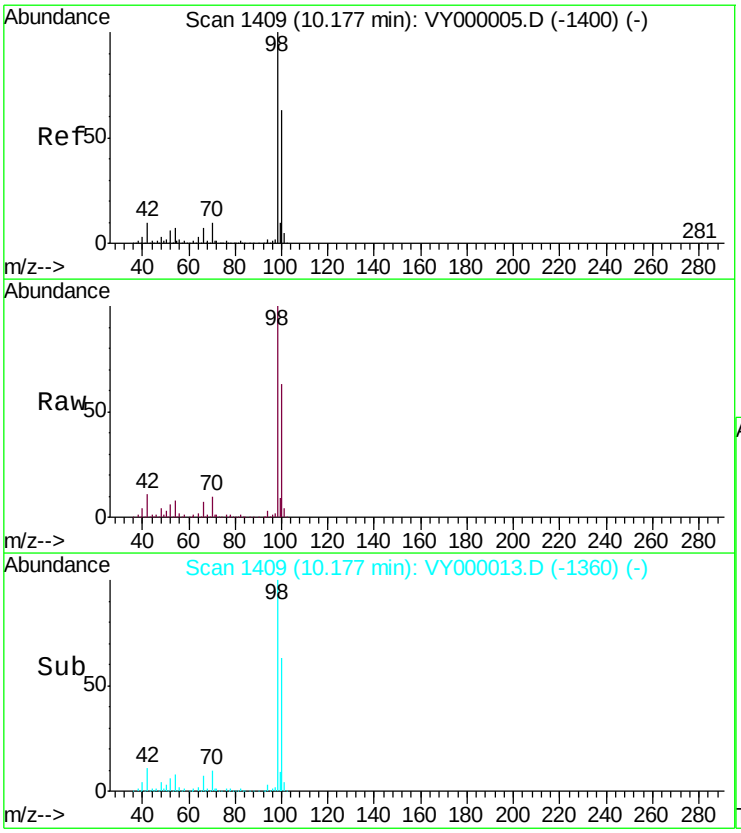

#49
1,4-Dioxane
Concen: 60.836 ug/l
RT: 9.30 min Scan# 1266
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 88 Resp: 1035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 60.9 | 23.4 | 35.2# |
| 58 | 65.0 | 46.1 | 69.1 |

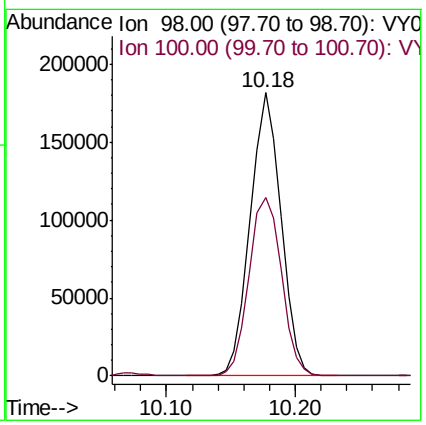


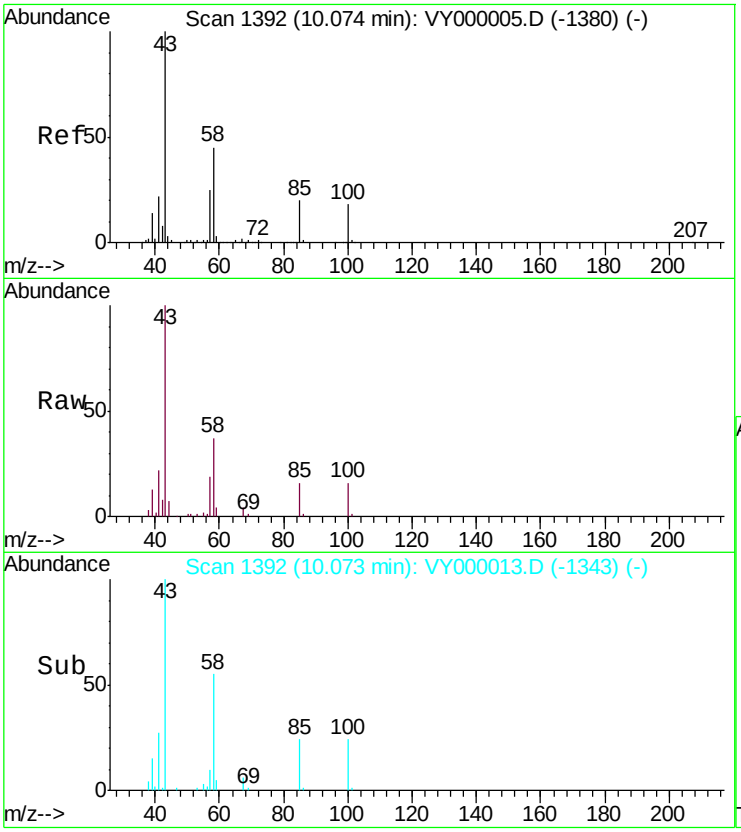




#50
Toluene-d8
Concen: 49.103 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 98 Resp: 300516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.4 | 52.2 | 78.4 |



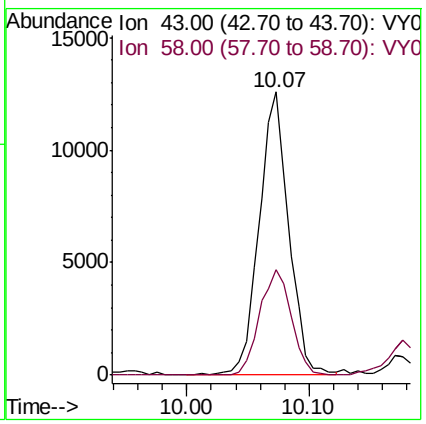


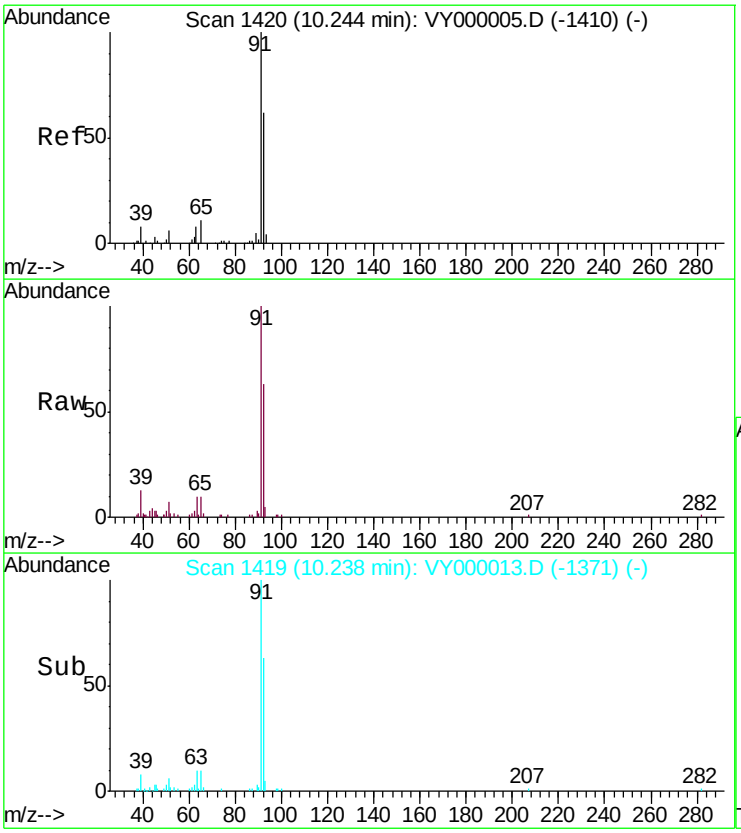

#51
4-Methyl-2-Pentanone
Concen: 15.832 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 43 Resp: 21230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.3 | 34.1 | 51.1 |

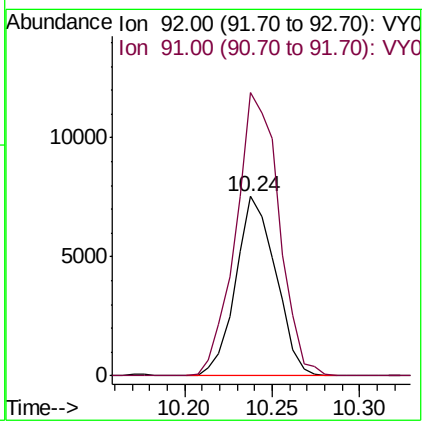


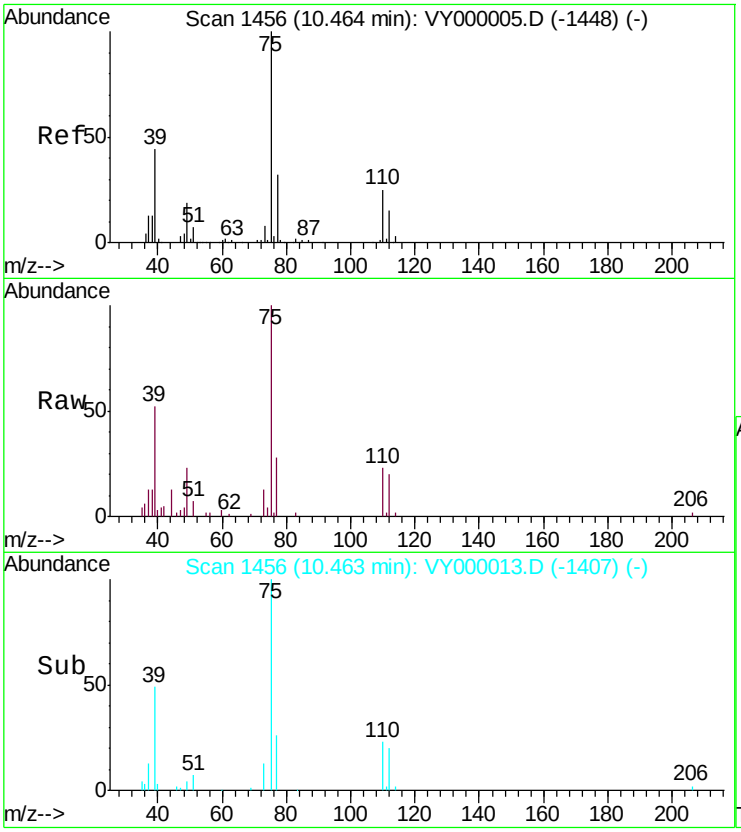




#52
Toluene
Concen: 3.062 ug/l
RT: 10.24 min Scan# 1419
Delta R.T. -0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 92 Resp: 12014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 170.6 | 136.5 | 204.7 |



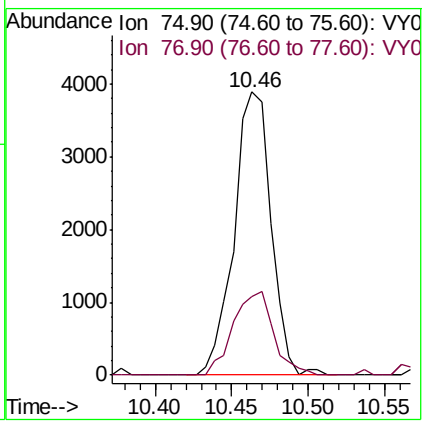


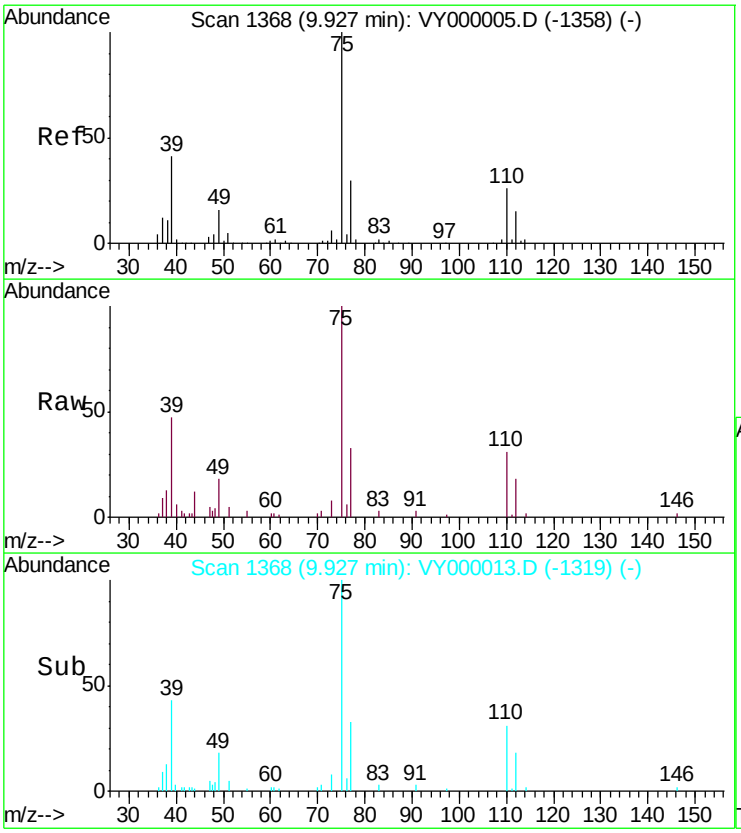

#53
t-1,3-Dichloropropene
Concen: 3.002 ug/l
RT: 10.46 min Scan# 1456
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 75 Resp: 6538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 27.9 | 25.8 | 38.8 |

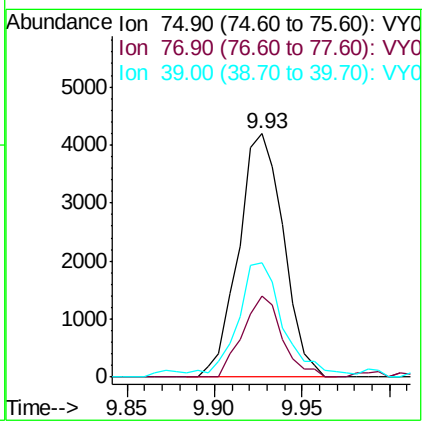


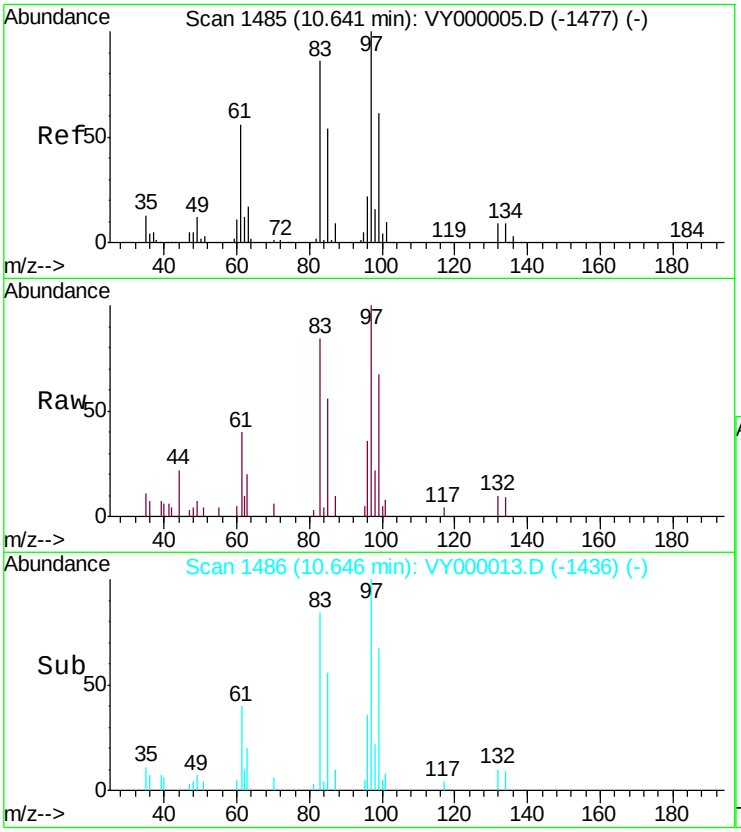




#54
cis-1,3-Dichloropropene
Concen: 2.956 ug/l
RT: 9.93 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 75 Resp: 7514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.2 | 24.1 | 36.1 |
| 39 | 45.0 | 33.0 | 49.4 |



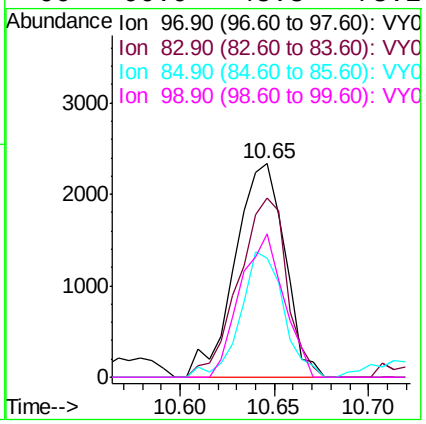


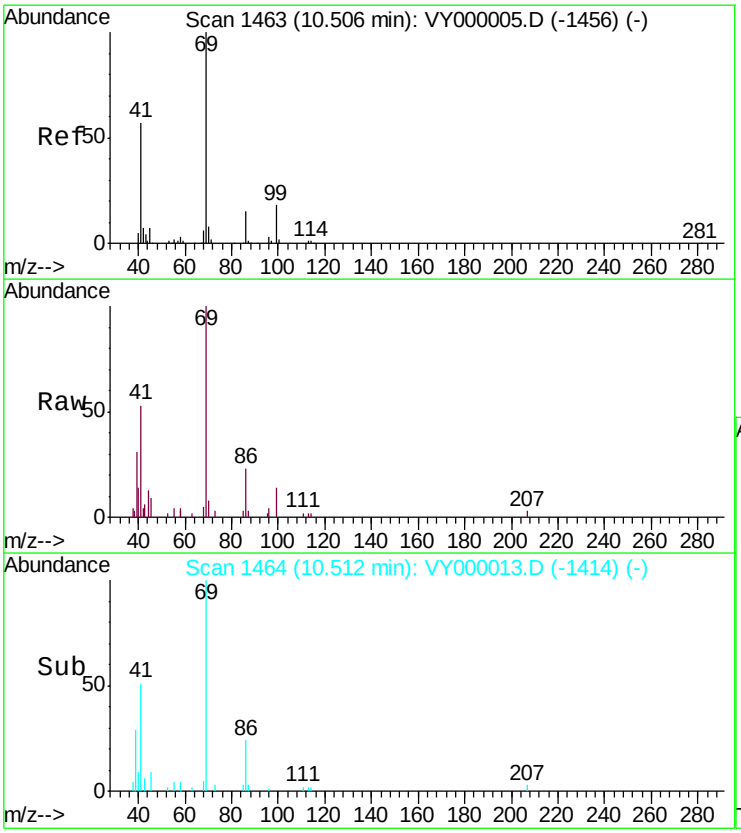

#55
1,1,2-Trichloroethane
Concen: 3.192 ug/l
RT: 10.65 min Scan# 1486
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 97 Resp: 4282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 83.9 | 68.4 | 102.6 |
| 85 | 56.0 | 43.0 | 64.6 |
| 99 | 66.9 | 48.8 | 73.2 |

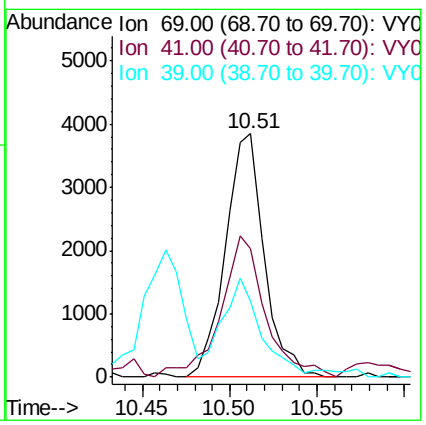


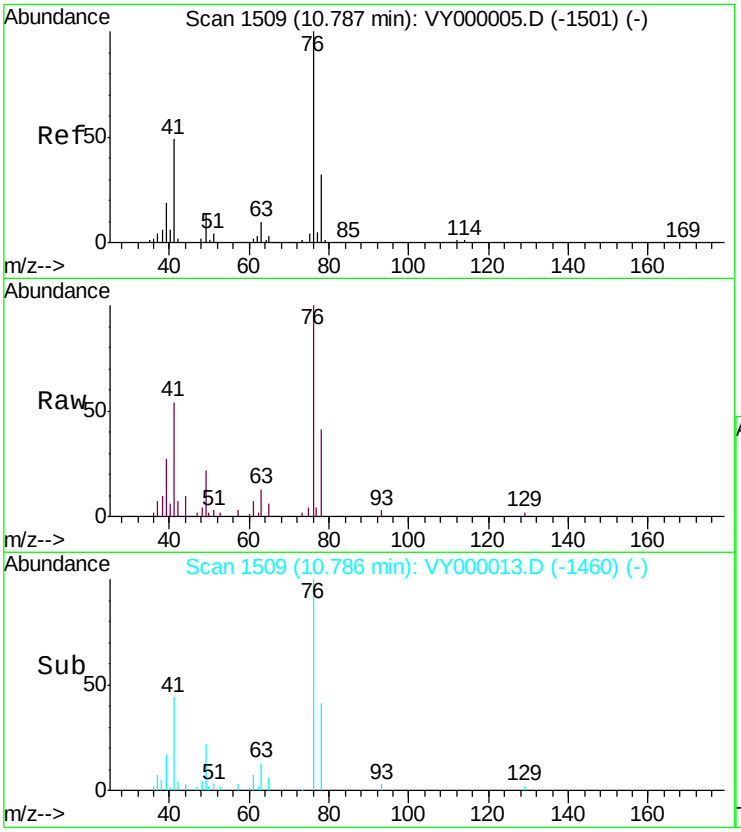




#56
Ethyl methacrylate
Concen: 3.066 ug/l
RT: 10.51 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 69 Resp: 5921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 67.0 | 46.3 | 69.5 |
| 39 | 36.7 | 25.8 | 38.6 |



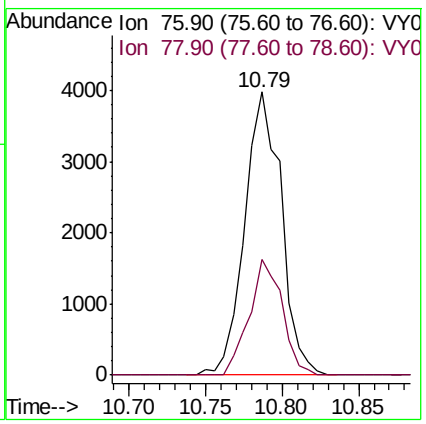


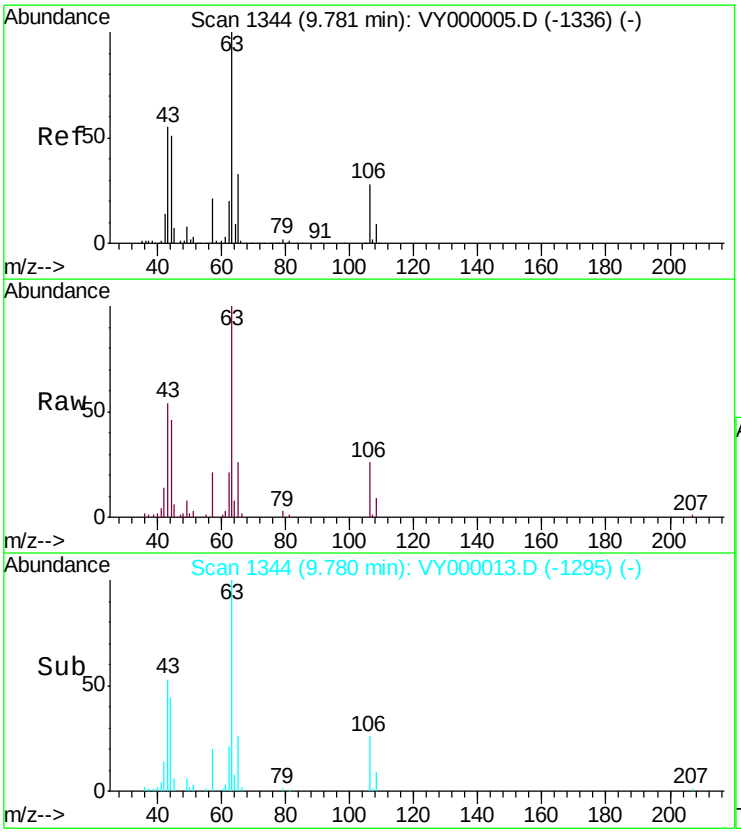

#57
1,3-Dichloropropane
Concen: 2.986 ug/l
RT: 10.79 min Scan# 1509
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 76 Resp: 6610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 37.0 | 26.1 | 39.1 |

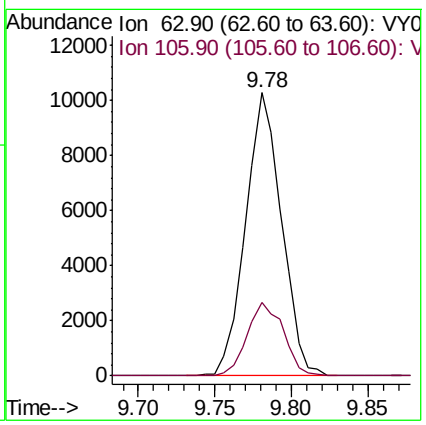


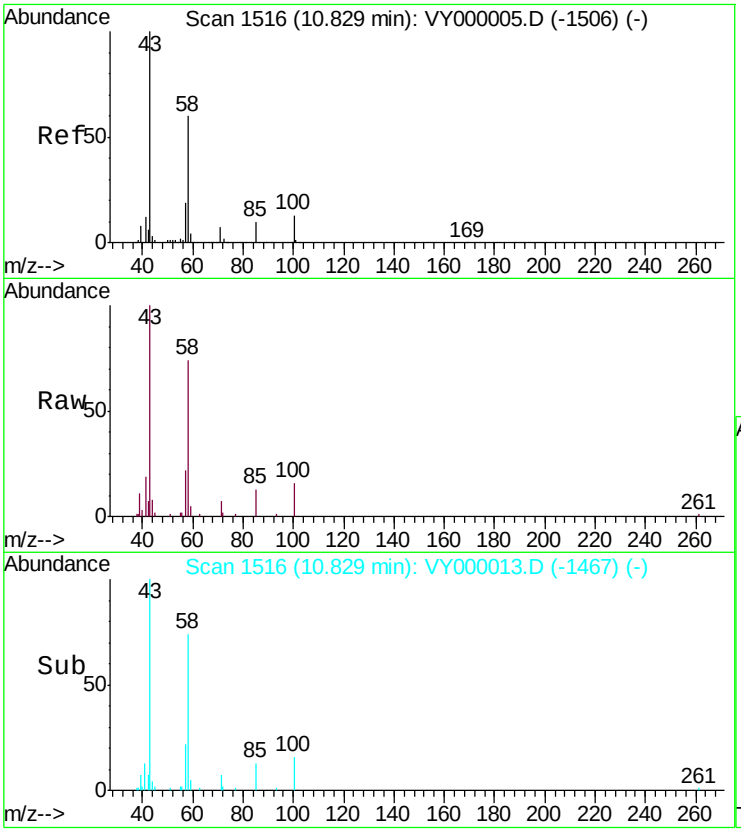




#58
2-Chloroethyl Vinyl ether
Concen: 16.852 ug/l
RT: 9.78 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 63 Resp: 16790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 26.3 | 23.3 | 34.9 |



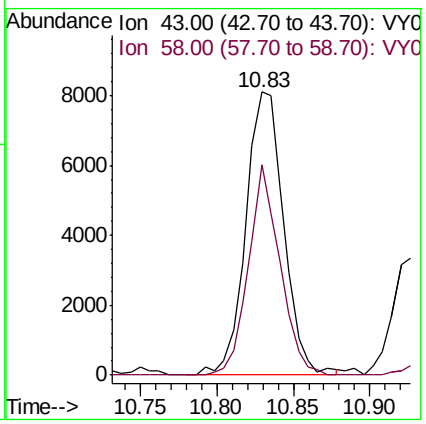


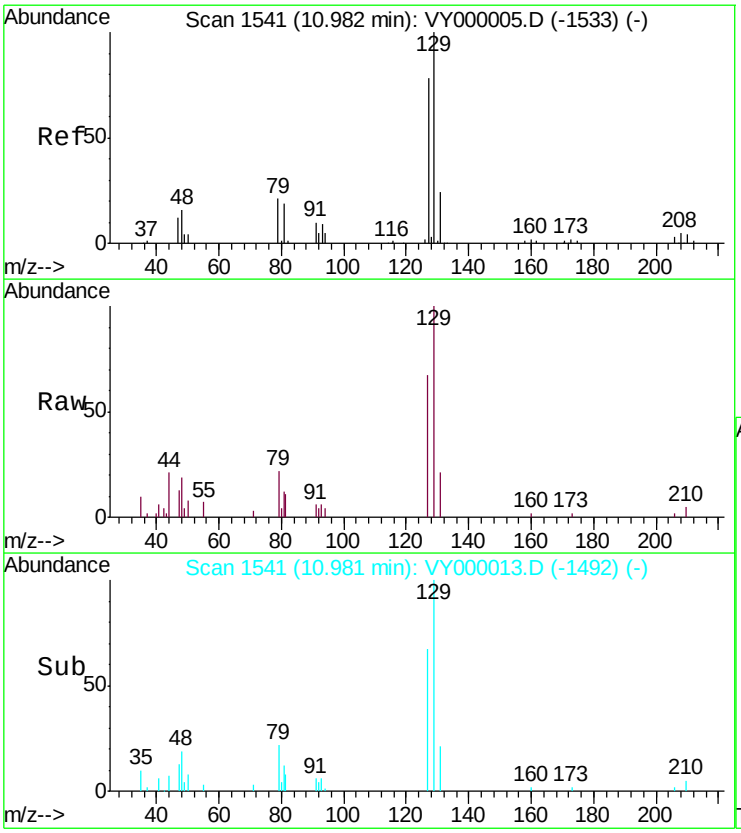

#59
2-Hexanone
Concen: 14.619 ug/l
RT: 10.83 min Scan# 1516
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 43 Resp: 13958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 61.7 | 29.8 | 89.5 |

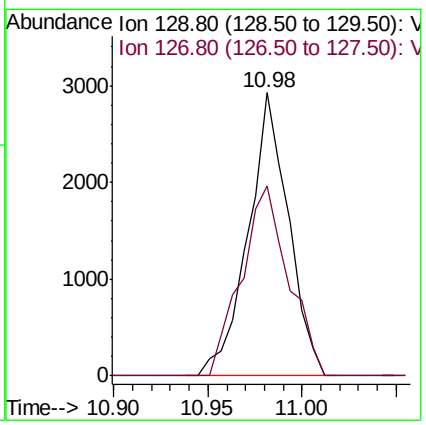


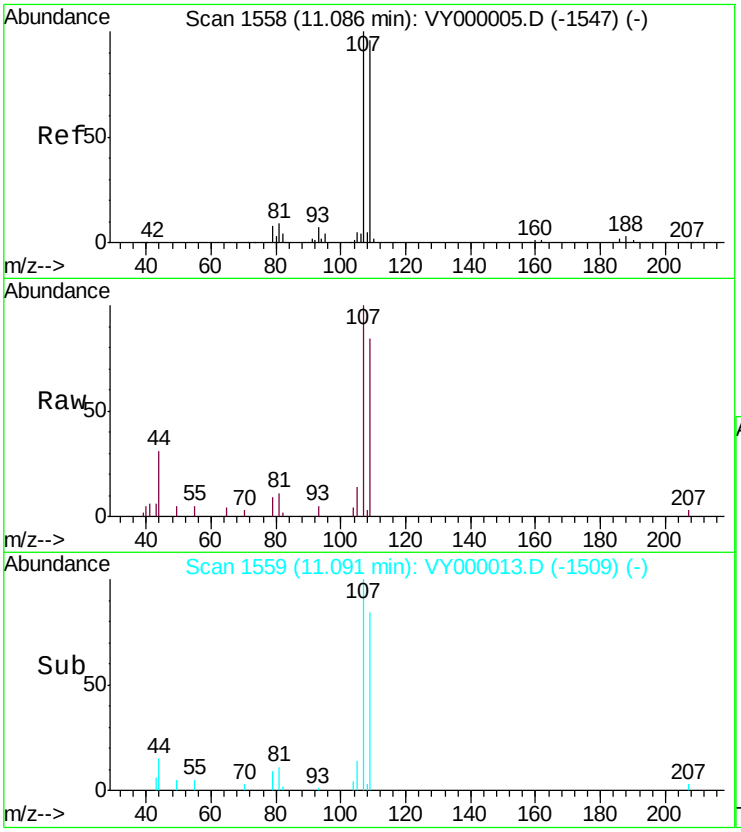




#60
Dibromochloromethane
Concen: 3.027 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion:129 Resp: 4328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.6 | 39.2 | 117.6 |



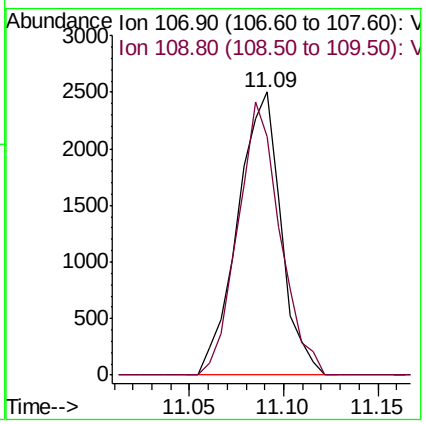


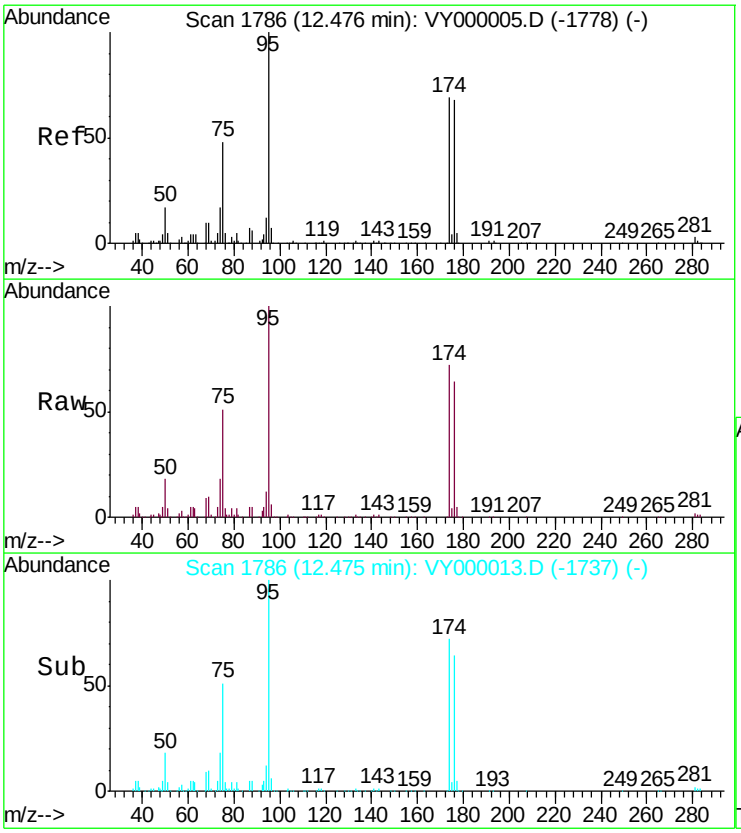

#61
1,2-Dibromoethane
Concen: 3.232 ug/l
RT: 11.09 min Scan# 1559
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion:107 Resp: 3988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.2 | 73.2 | 109.8 |

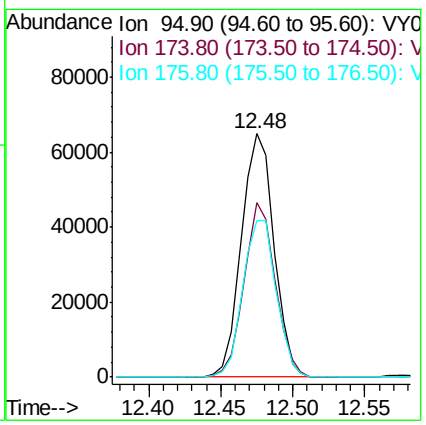


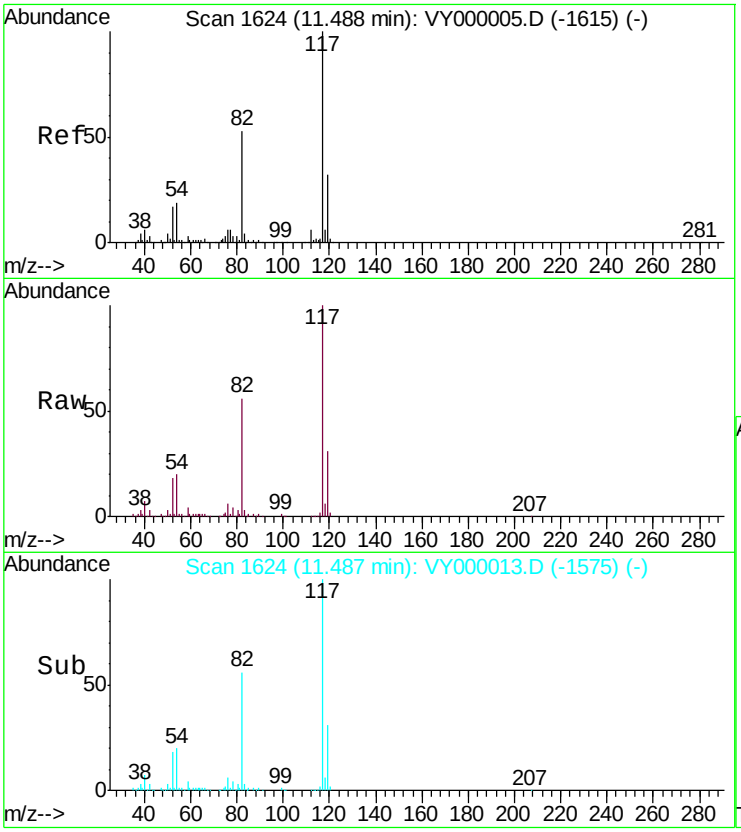




#62
4-Bromofluorobenzene
Concen: 46.620 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 95 Resp: 101127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 68.7 | 0.0 | 145.8 |
| 176 | 66.0 | 0.0 | 138.0 |



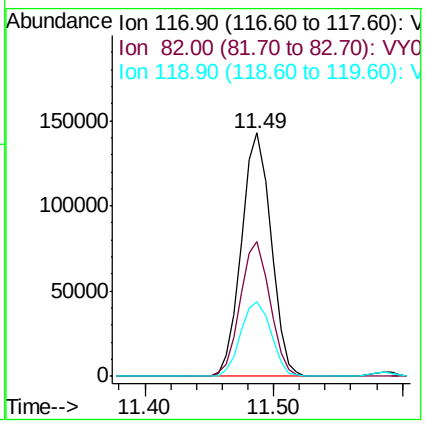


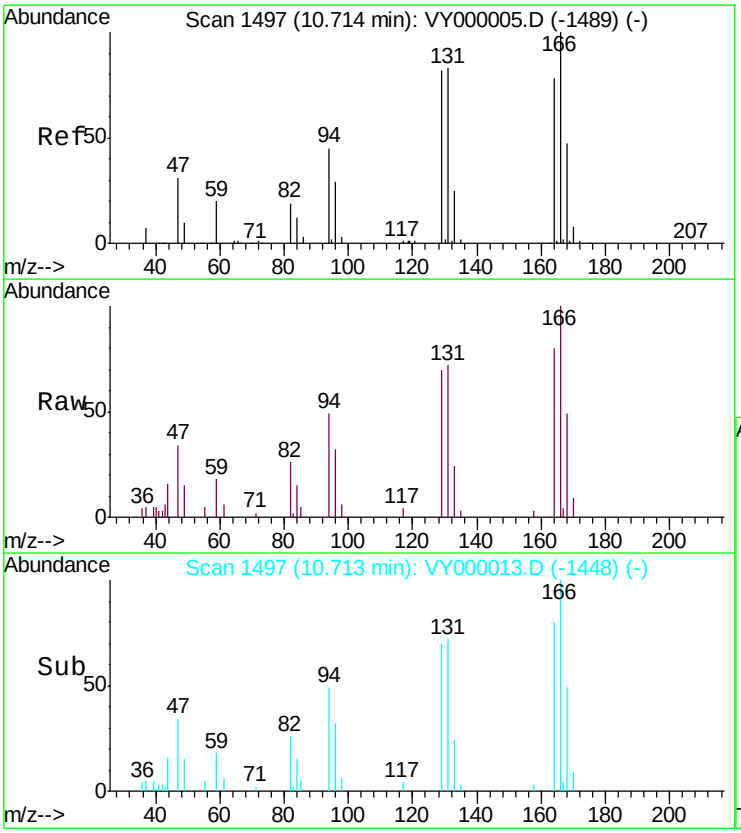

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :** MSVOA_Y
**ClientSampleId :** MDL 3 PPB

Tgt Ion:117 Resp: 226456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.6 | 42.3 | 63.5 |
| 119 | 30.6 | 25.8 | 38.8 |

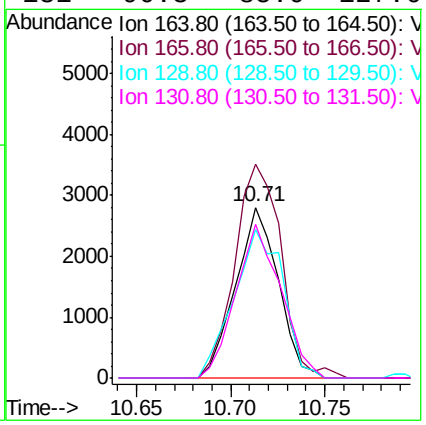


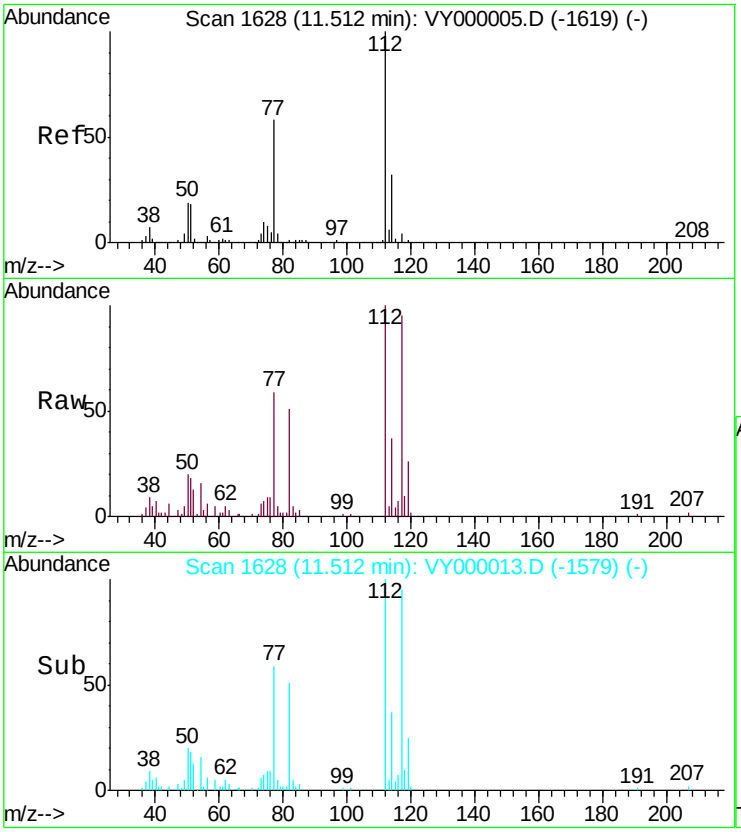




#64
Tetrachloroethene
Concen: 3.177 ug/l
RT: 10.71 min Scan# 1497
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion:164 Resp: 4398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 125.0 | 102.5 | 153.7 |
| 129 | 87.1 | 83.8 | 125.8 |
| 131 | 90.3 | 85.0 | 127.6 |



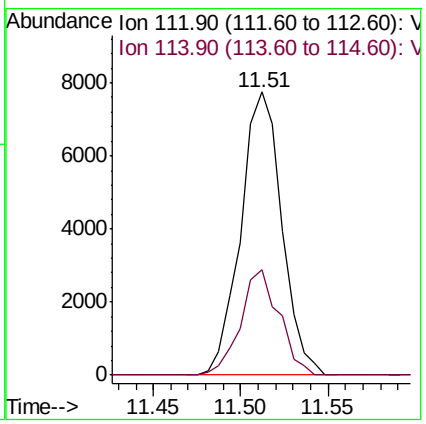


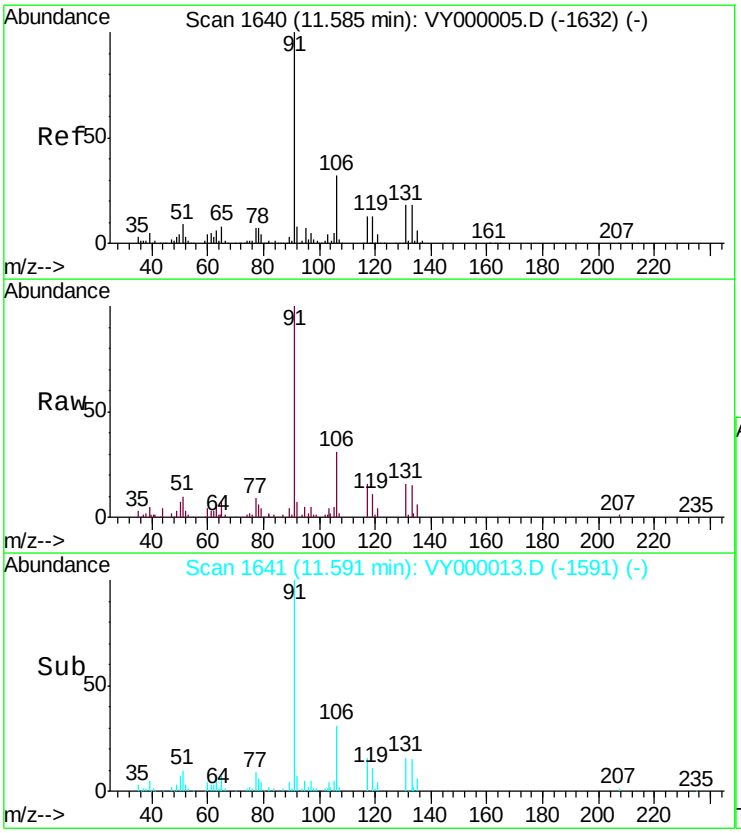

#65
Chlorobenzene
Concen: 3.026 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion:112 Resp: 12666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 37.4 | 25.4 | 38.2 |

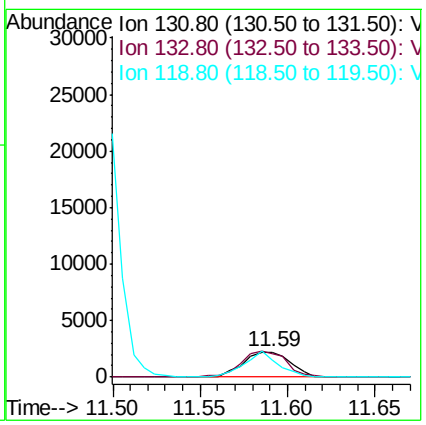


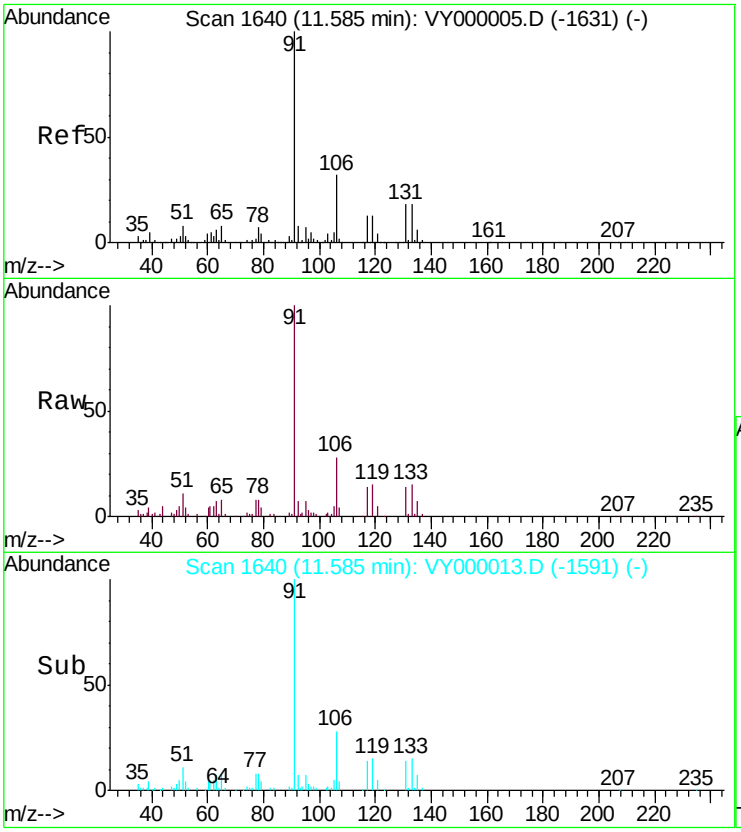




#66
1,1,1,2-Tetrachloroethane
Concen: 2.965 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion:131 Resp: 4199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 99.3 | 48.7 | 146.1 |
| 119 | 74.3 | 35.8 | 107.3 |



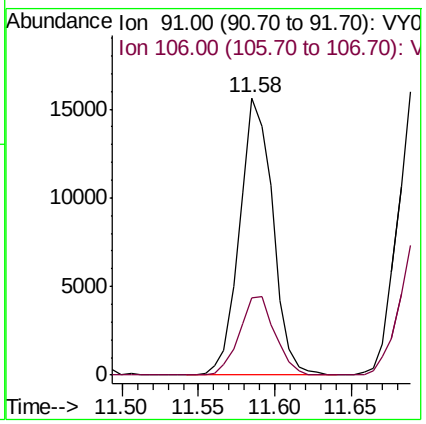


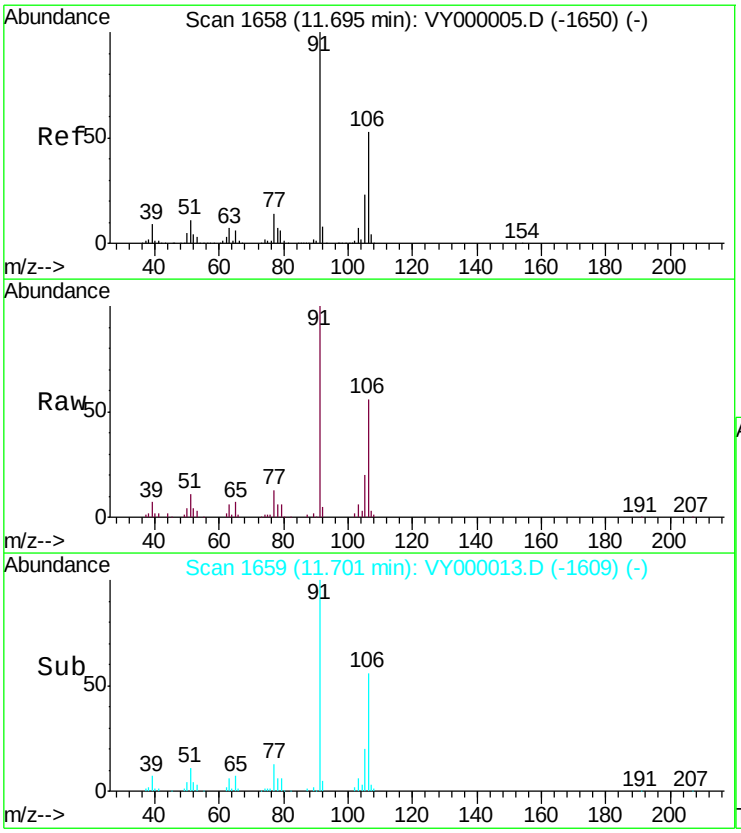

#67
Ethyl Benzene
Concen: 3.071 ug/l
RT: 11.58 min Scan# 1640
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 91 Resp: 23490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 27.9 | 25.4 | 38.2 |

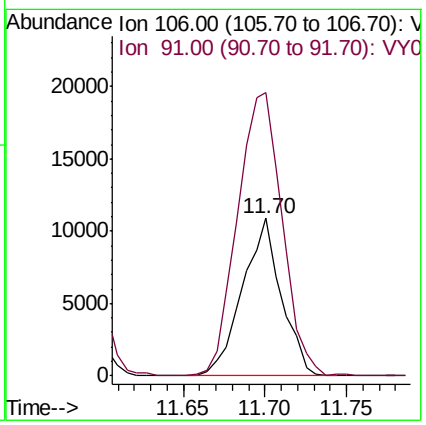


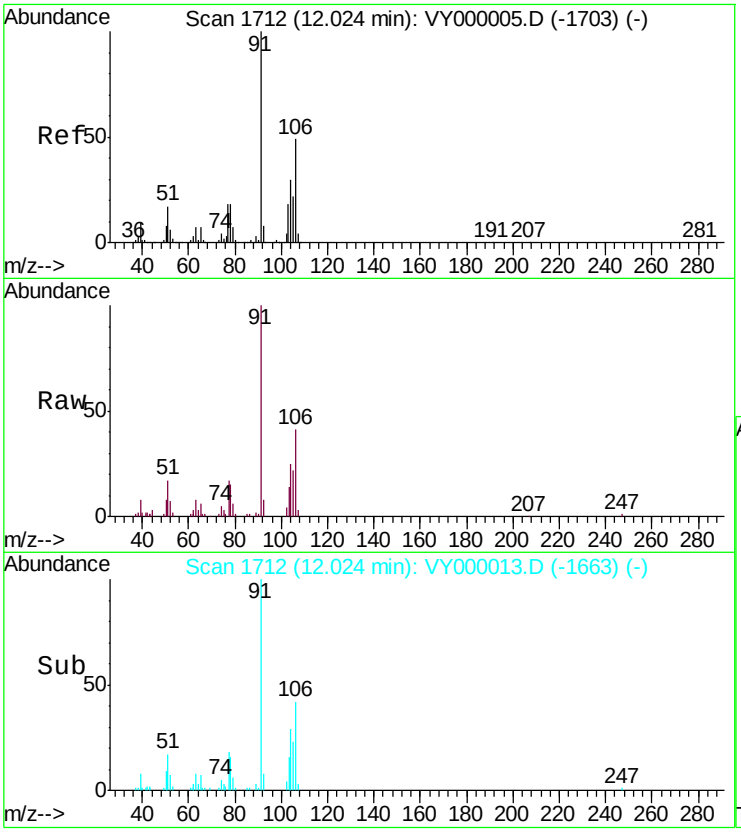




#68
m/p-Xylenes
Concen: 6.192 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion:106 Resp: 17988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 207.6 | 157.1 | 235.7 |



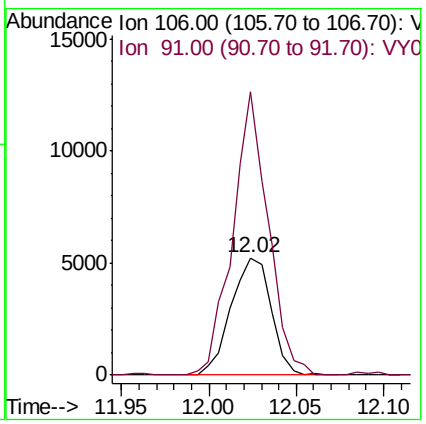


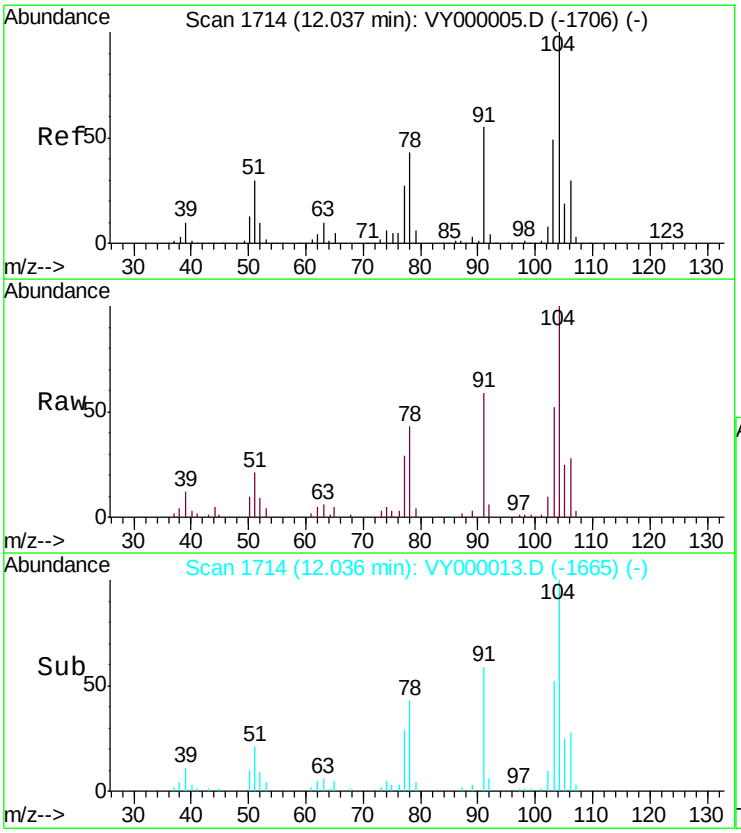

#69
o-Xylene
Concen: 2.989 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion:106 Resp: 8351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 213.1 | 100.6 | 301.8 |

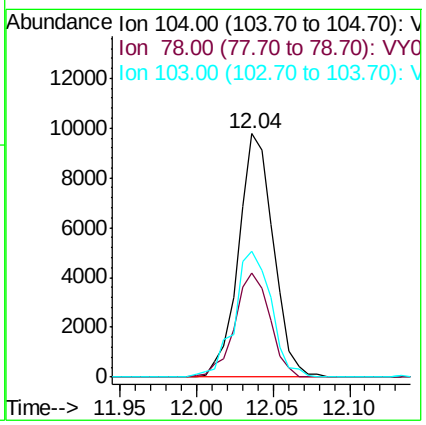


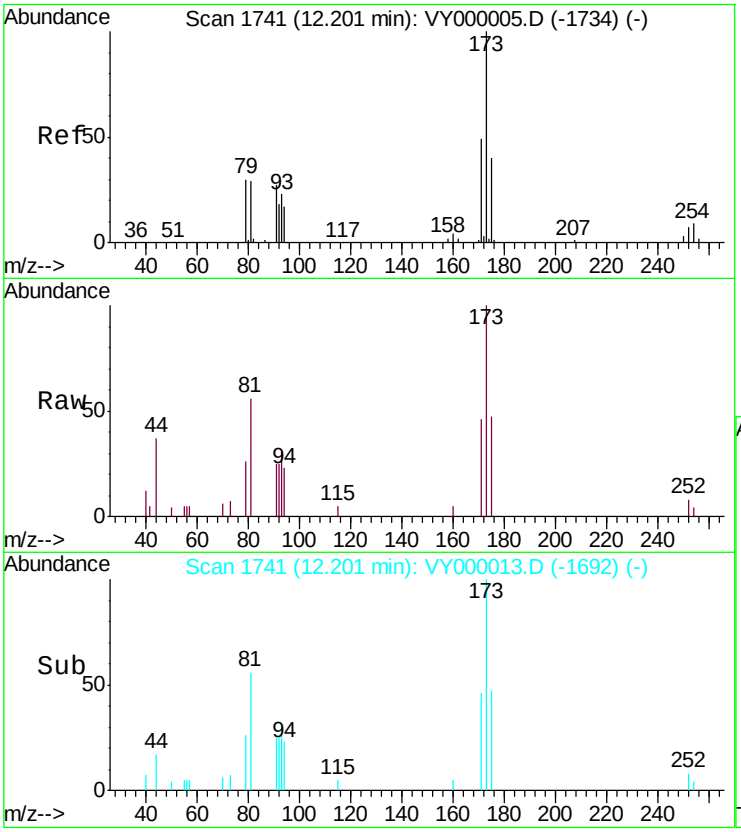




#70
Styrene
Concen: 3.163 ug/l
RT: 12.04 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion:104 Resp: 15385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 43.3 | 37.6 | 56.4 |
| 103 | 54.8 | 42.6 | 63.8 |



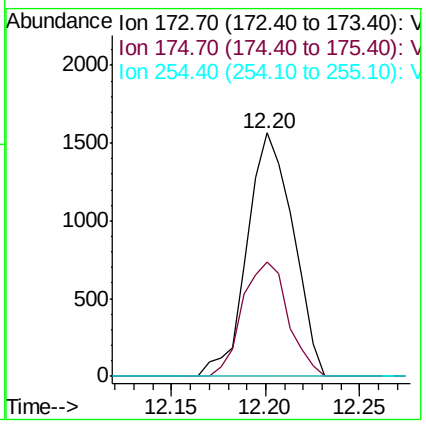


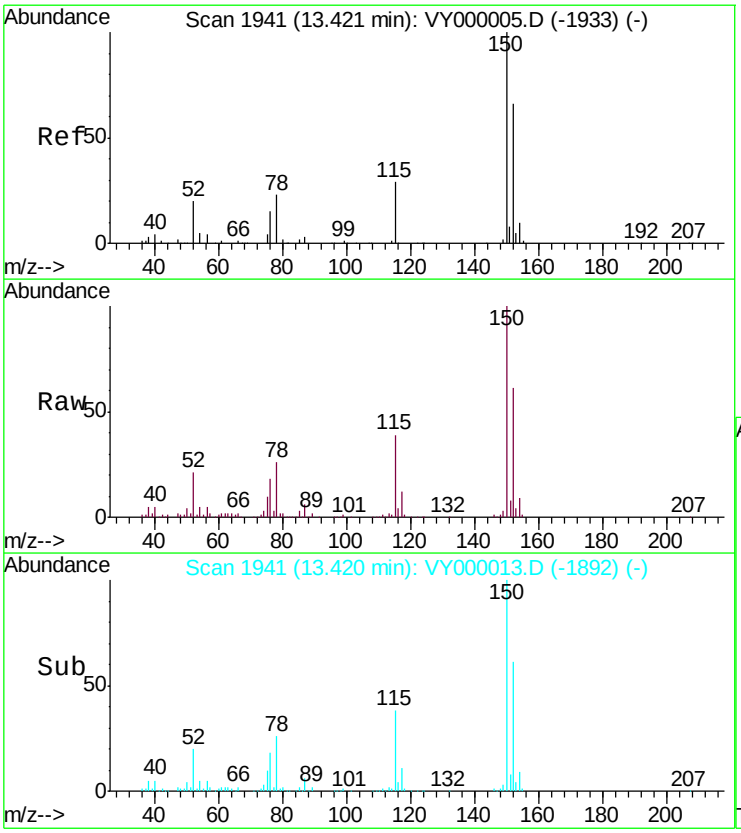

#71
Bromoform
Concen: 3.083 ug/l
RT: 12.20 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion:173 Resp: 2645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 46.5 | 23.8 | 71.5 |
| 254 | 0.0 | 0.0 | 0.0 |

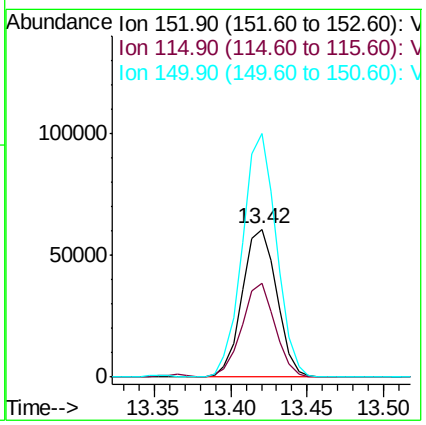


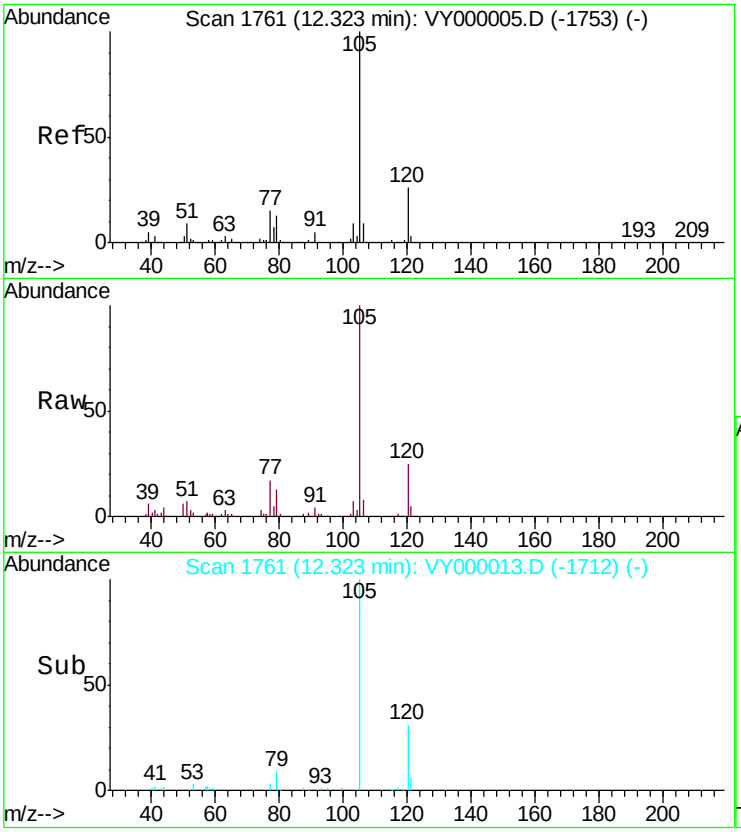




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion:152 Resp: 95404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 61.2 | 30.3 | 91.0 |
| 150 | 162.0 | 0.0 | 347.4 |



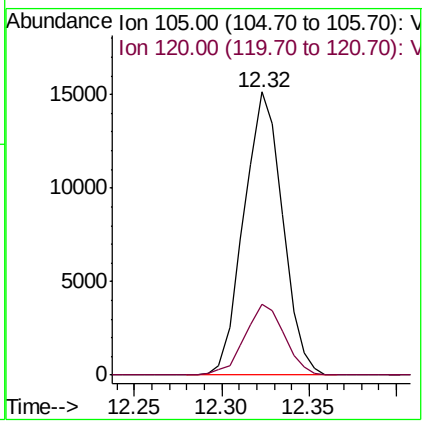


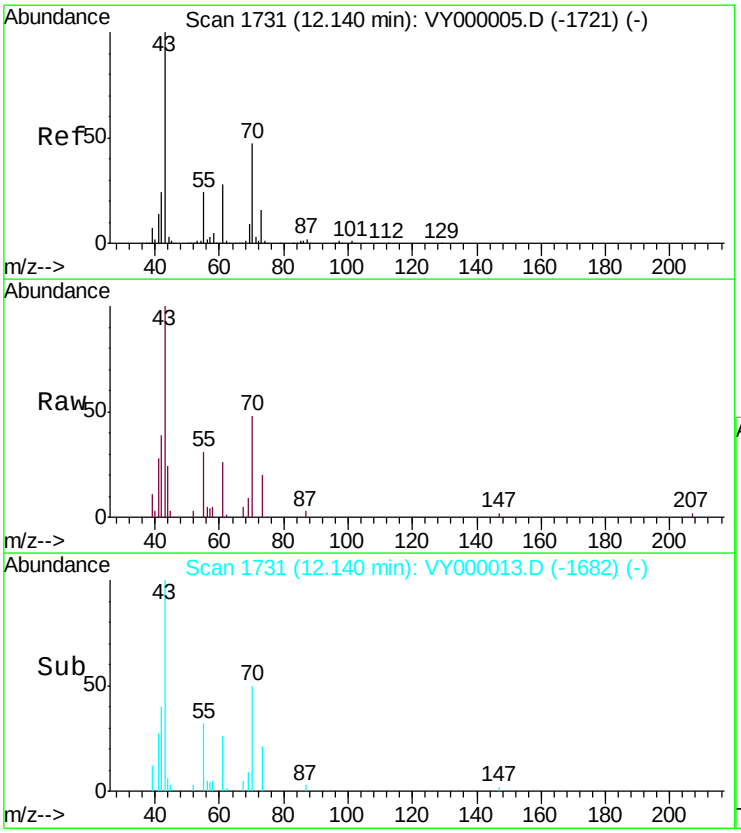

#73
Isopropylbenzene
Concen: 3.238 ug/l
RT: 12.32 min Scan# 1761
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion:105 Resp: 23355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.7 | 13.5 | 40.4 |

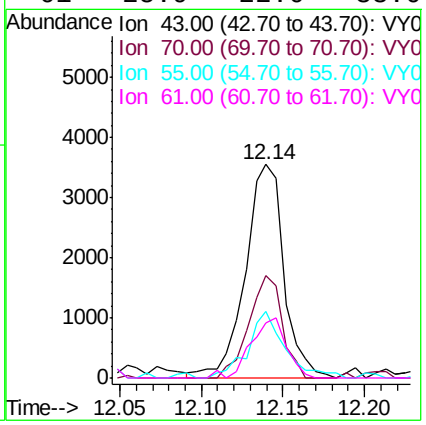


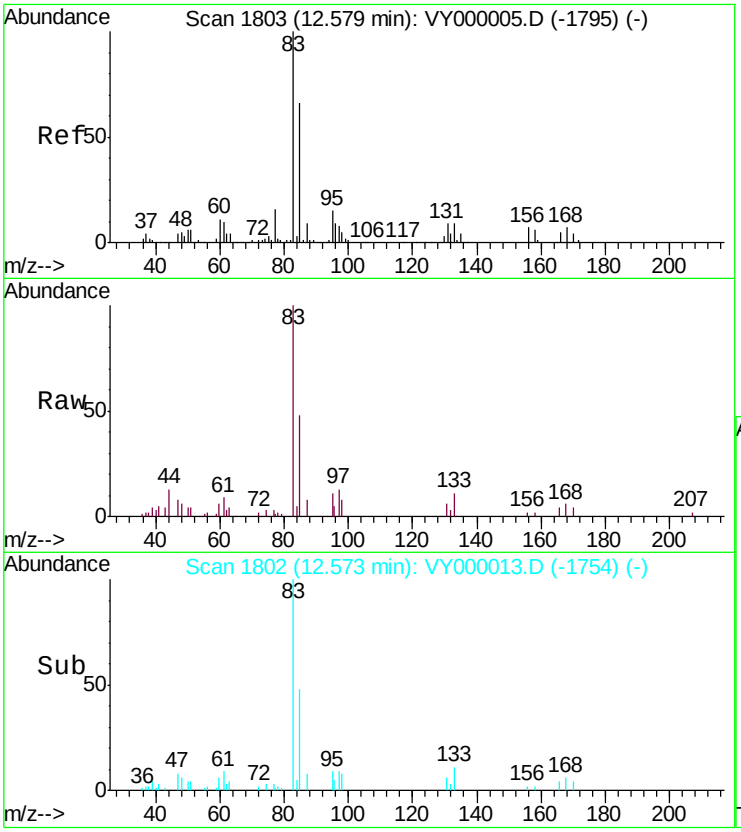




#74
N-amyl acetate
Concen: 2.926 ug/l
RT: 12.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 43 Resp: 5858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 41.4 | 38.1 | 57.1 |
| 55 | 29.8 | 19.9 | 29.9 |
| 61 | 25.9 | 22.0 | 33.0 |



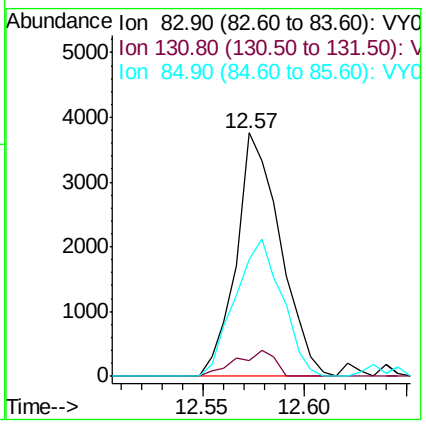


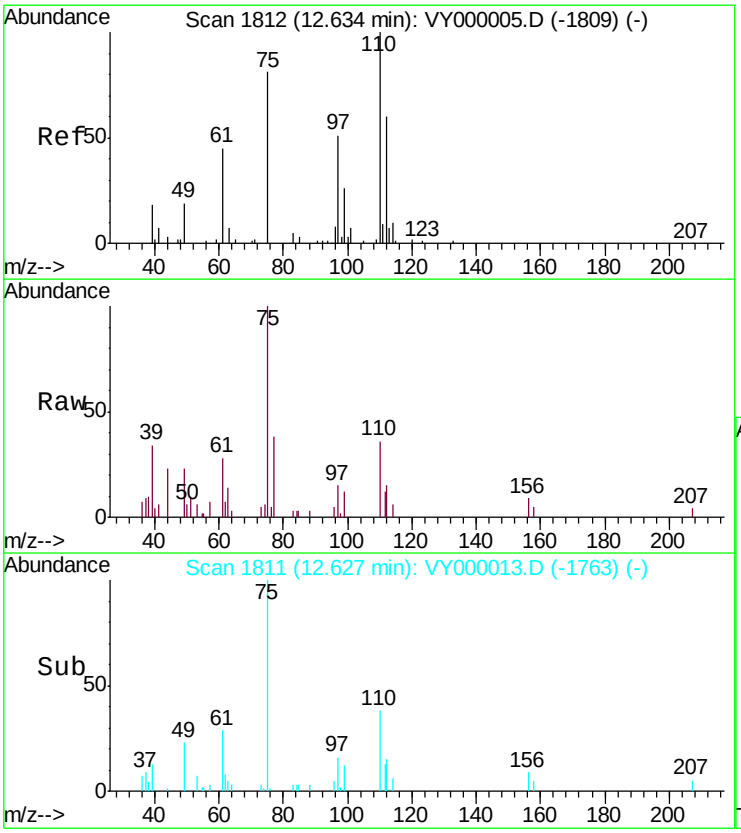

#75
1,1,2,2-Tetrachloroethane
Concen: 3.394 ug/l
RT: 12.57 min Scan# 1802
Delta R.T. -0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 83 Resp: 5640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.3 | 5.0 | 14.9 |
| 85 | 60.1 | 32.1 | 96.3 |

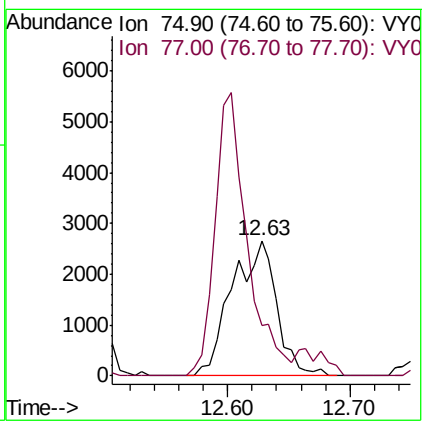


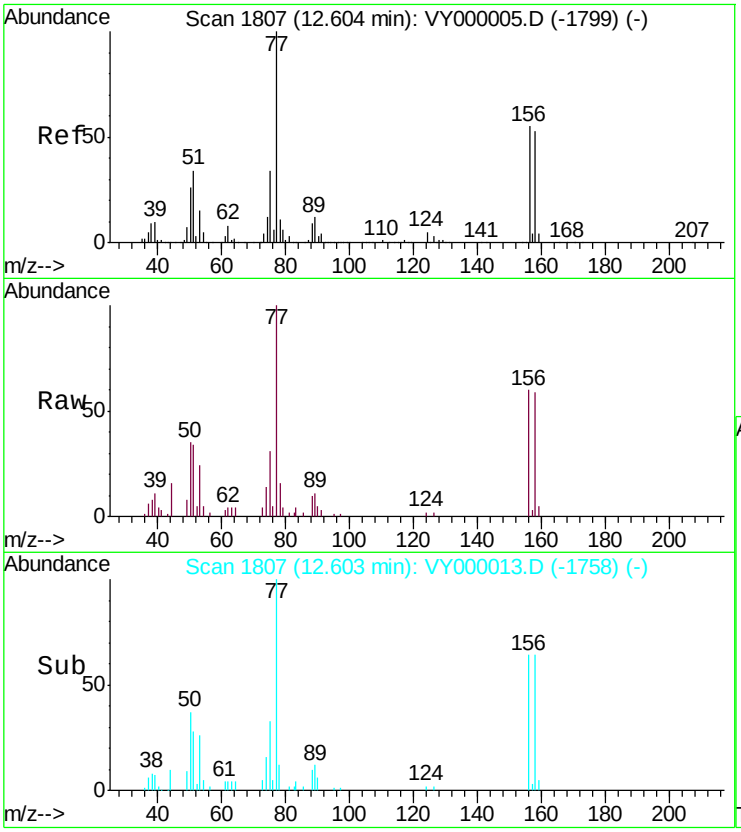




#76
1,2,3-Trichloropropane
Concen: 6.044 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 75 Resp: 6804

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



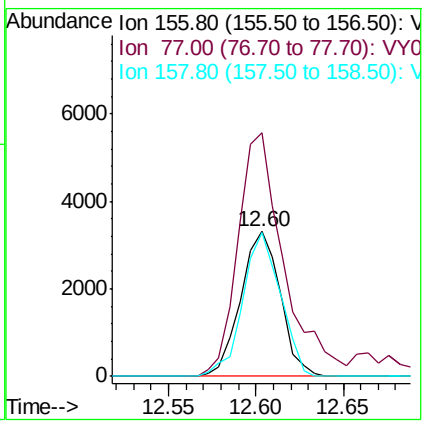


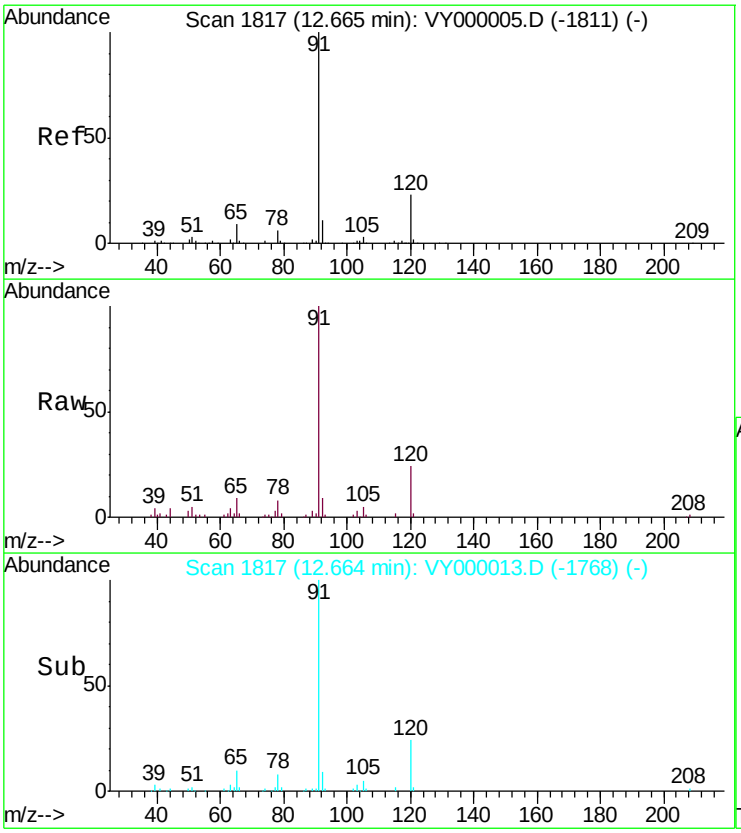

#77
Bromobenzene
Concen: 3.402 ug/l
RT: 12.60 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion:156 Resp: 5230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 195.9 | 106.5 | 319.6 |
| 158 | 94.8 | 48.2 | 144.6 |

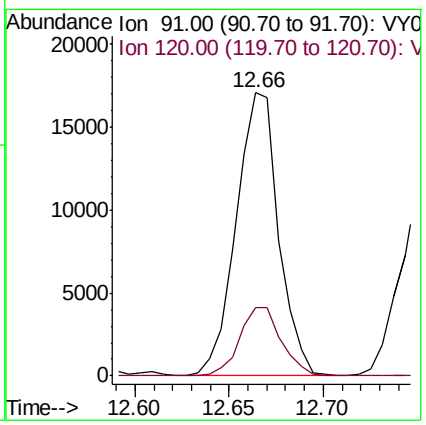


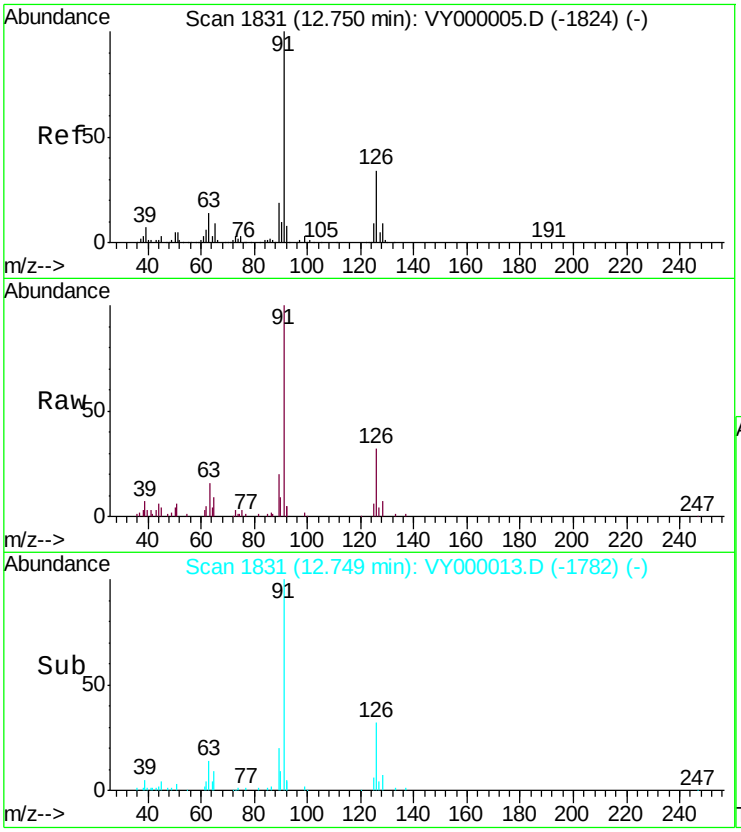




#78
n-propylbenzene
Concen: 3.055 ug/l
RT: 12.66 min Scan# 1817
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 91 Resp: 26672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.7 | 11.3 | 33.9 |



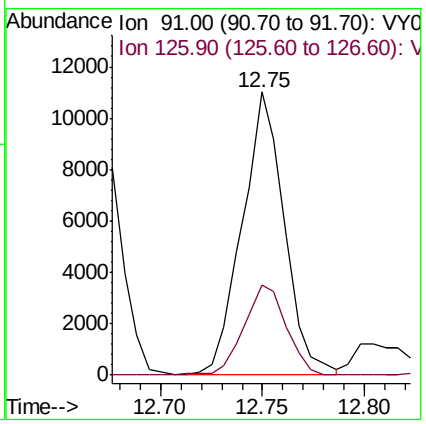


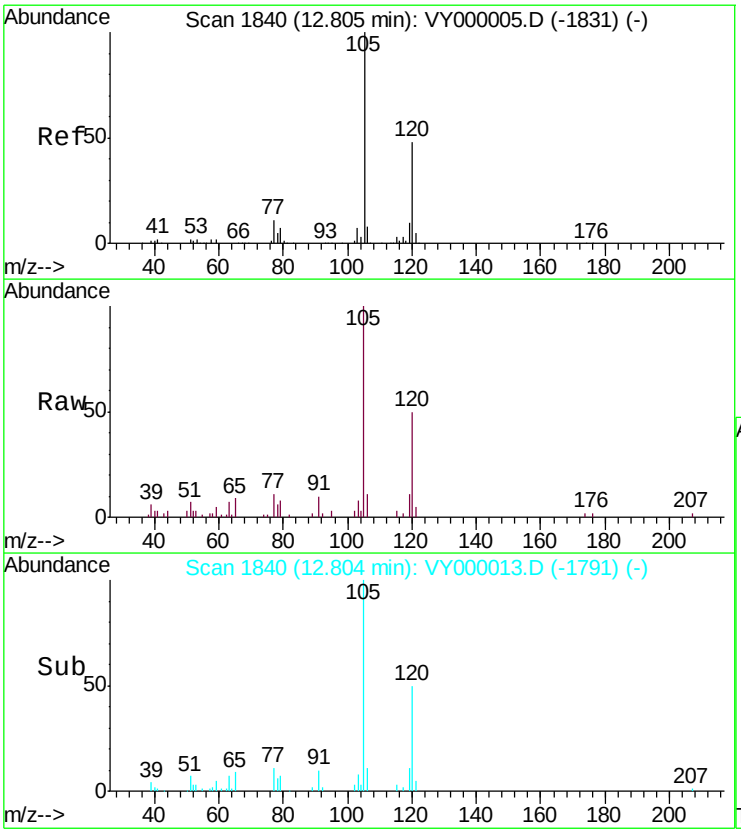

#79
2-Chlorotoluene
Concen: 3.278 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 91 Resp: 15875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 31.7 | 17.2 | 51.6 |

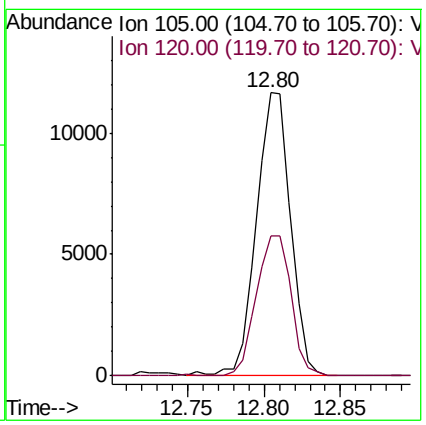


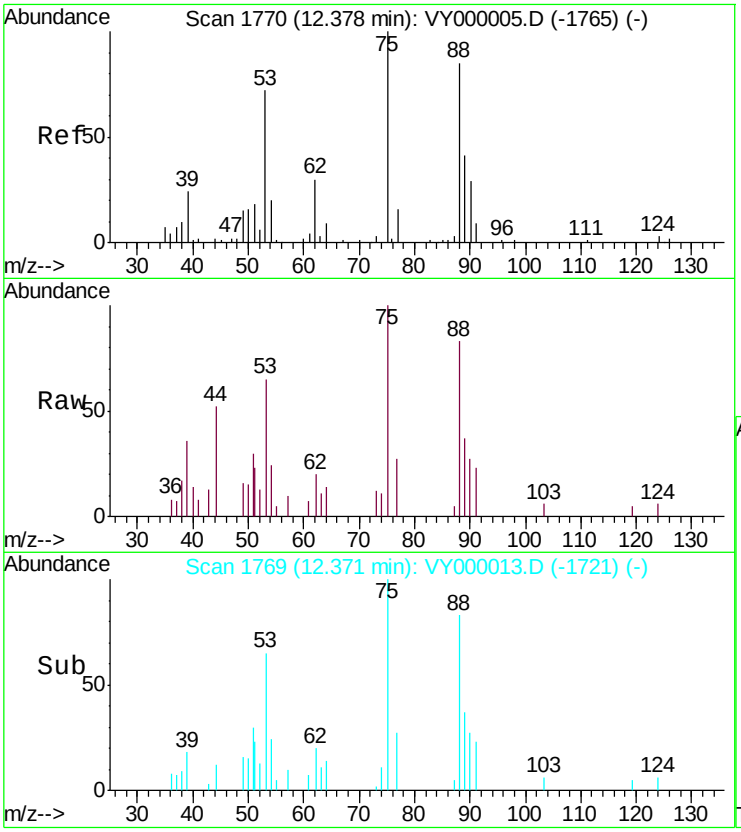




#80
1,3,5-Trimethylbenzene
Concen: 3.048 ug/l
RT: 12.80 min Scan# 1840
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion:105 Resp: 18177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 50.3 | 24.9 | 74.6 |



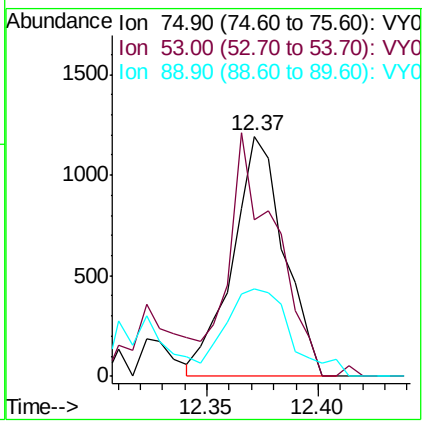


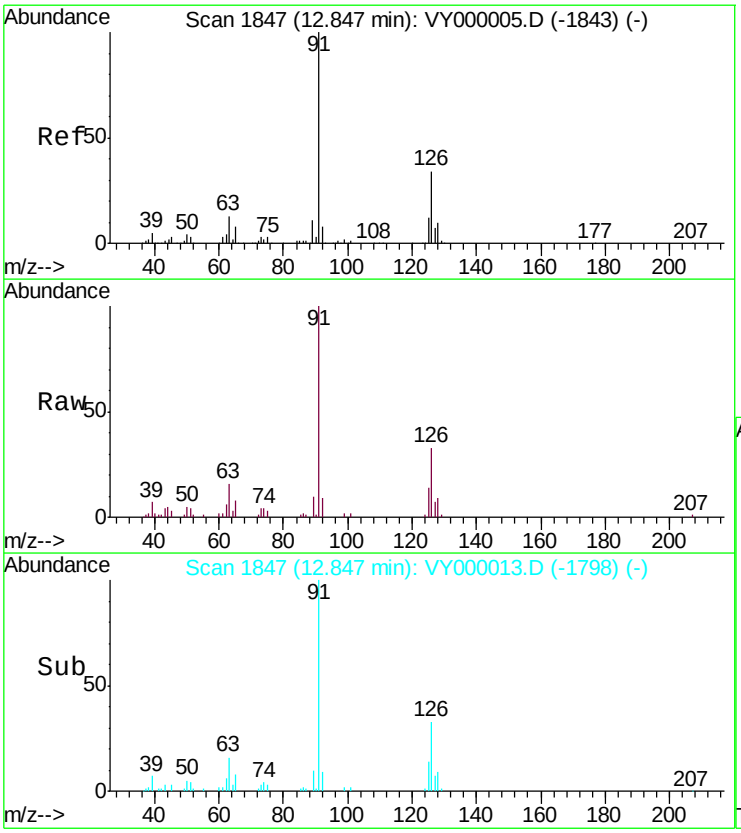

#81
trans-1,4-Dichloro-2-butene
Concen: 2.952 ug/l
RT: 12.37 min Scan# 1769
Delta R.T. -0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 75 Resp: 1920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 90.6 | 63.0 | 94.6 |
| 89 | 46.1 | 34.6 | 52.0 |

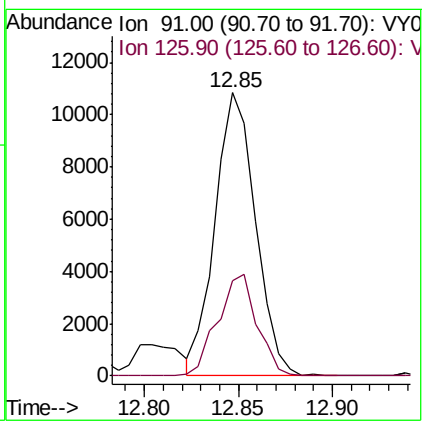


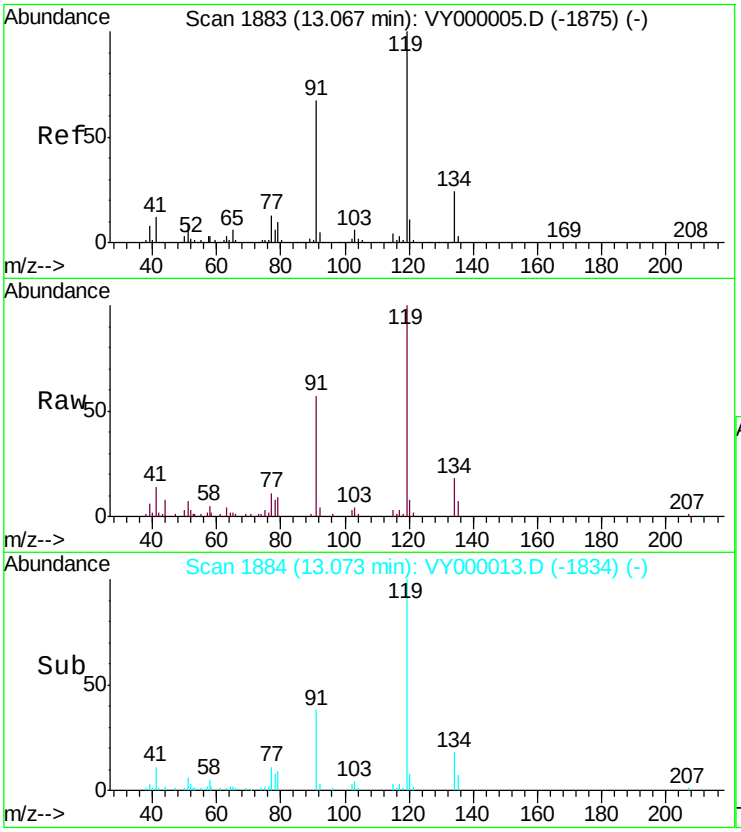




#82
4-Chlorotoluene
Concen: 3.190 ug/l
RT: 12.85 min Scan# 1847
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 91 Resp: 16136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.0 | 17.0 | 50.9 |



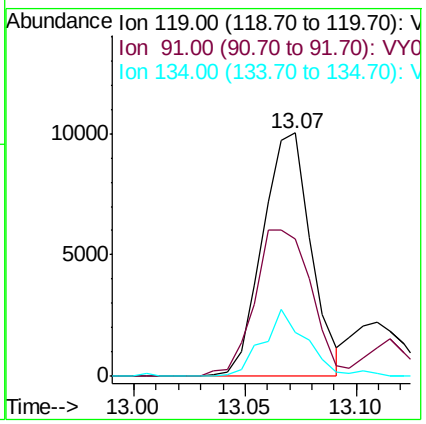


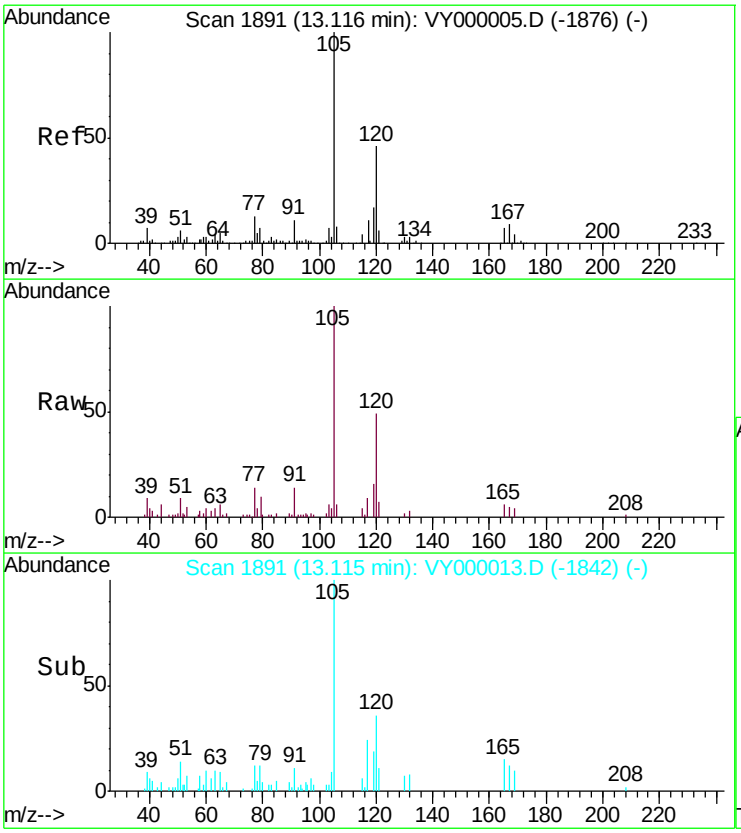

#83
tert-Butylbenzene
Concen: 2.990 ug/l
RT: 13.07 min Scan# 1884
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion:119 Resp: 15170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 70.8 | 33.6 | 100.8 |
| 134 | 25.3 | 13.7 | 41.0 |

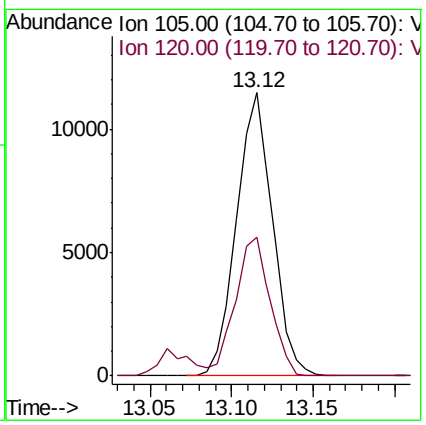


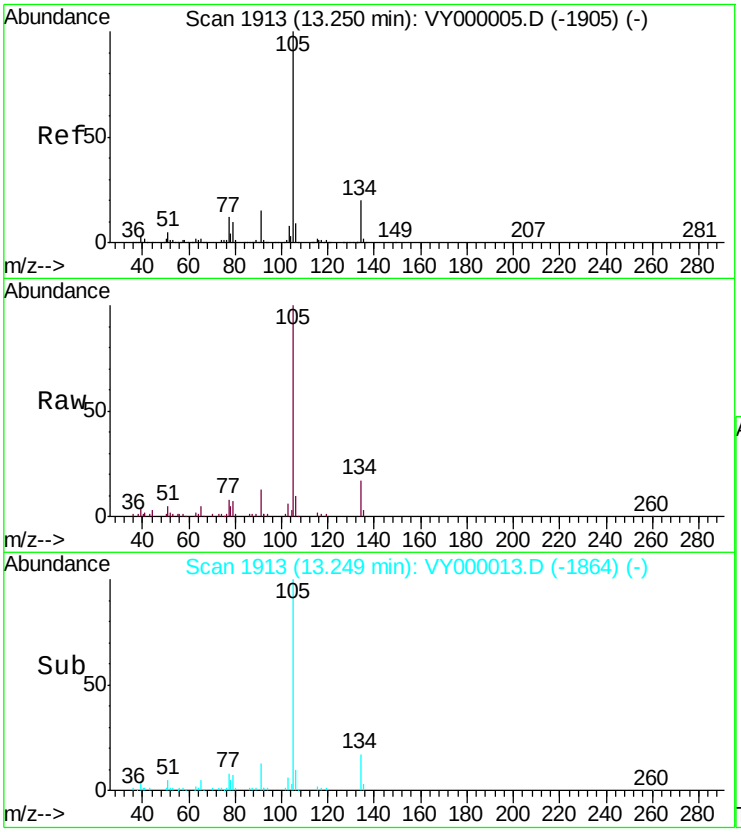




#84
1,2,4-Trimethylbenzene
Concen: 3.029 ug/l
RT: 13.12 min Scan# 1891
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion:105 Resp: 17669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.6 | 22.8 | 68.3 |



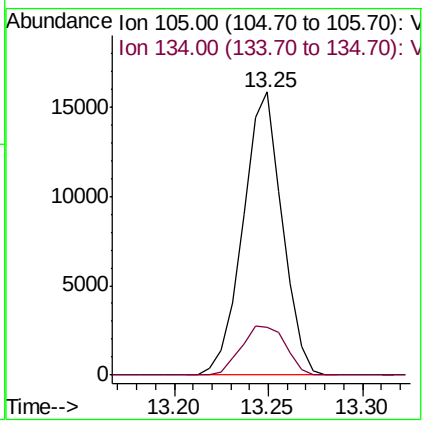


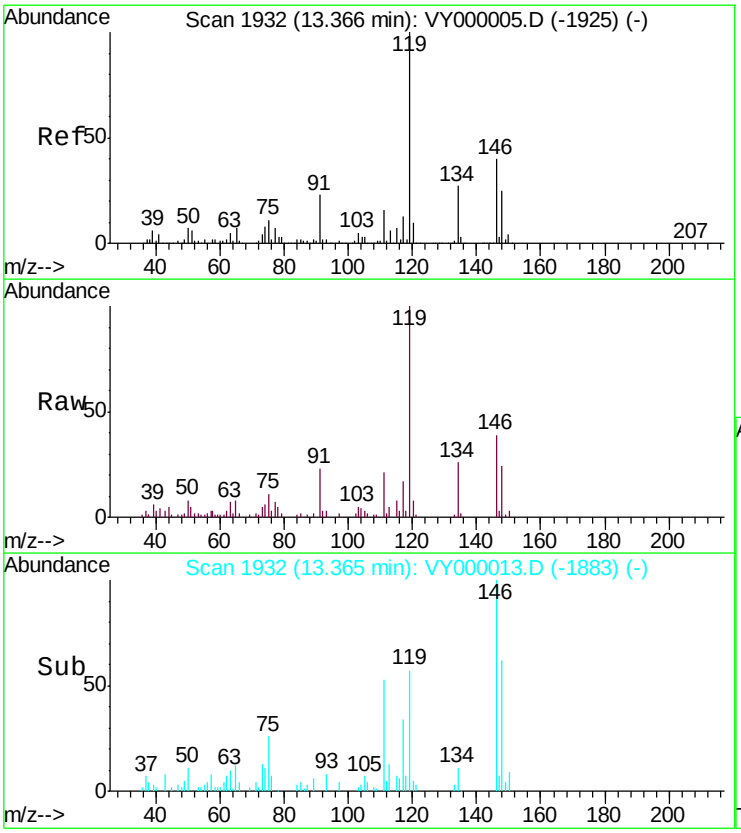

#85
sec-Butylbenzene
Concen: 3.012 ug/l
RT: 13.25 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion:105 Resp: 22784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.4 | 9.9 | 29.7 |

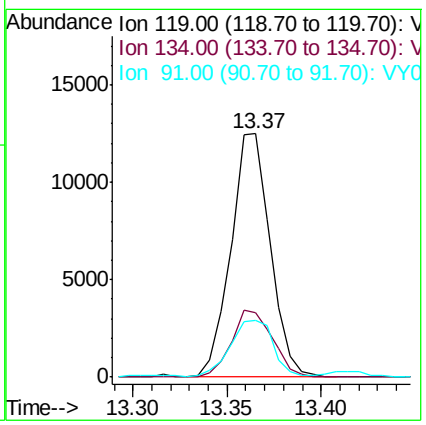


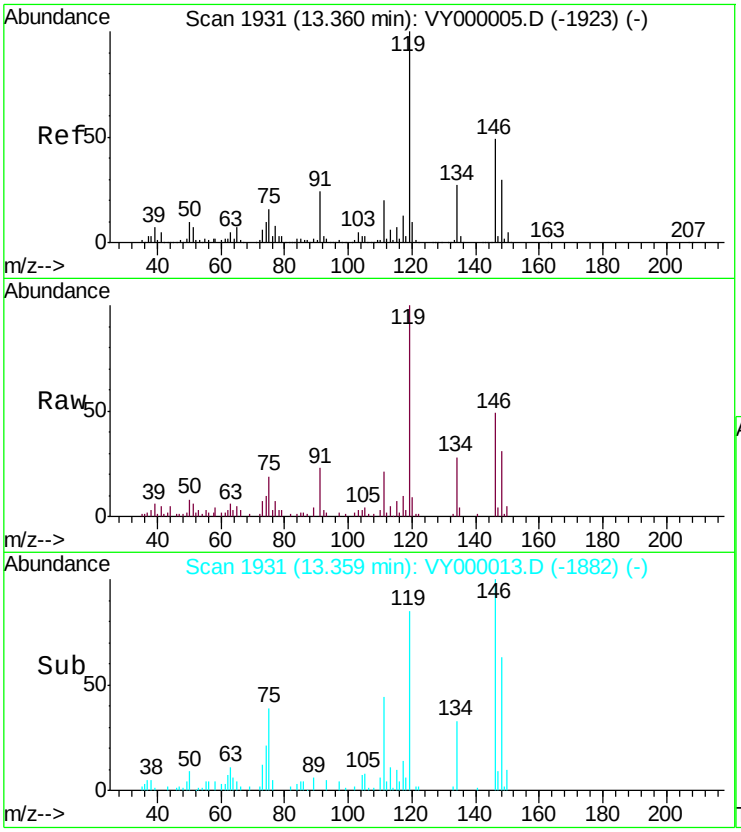




#86
p-Isopropyltoluene
Concen: 2.846 ug/l
RT: 13.37 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion:119 Resp: 18106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 28.4 | 13.7 | 41.1 |
| 91 | 26.0 | 12.2 | 36.6 |



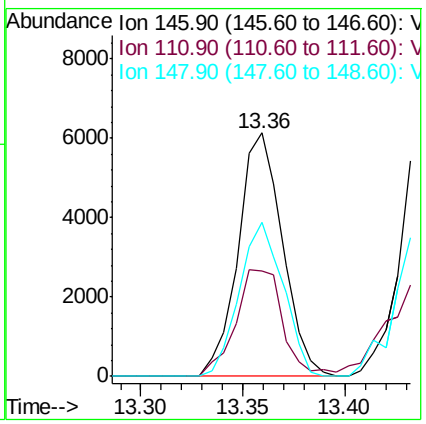


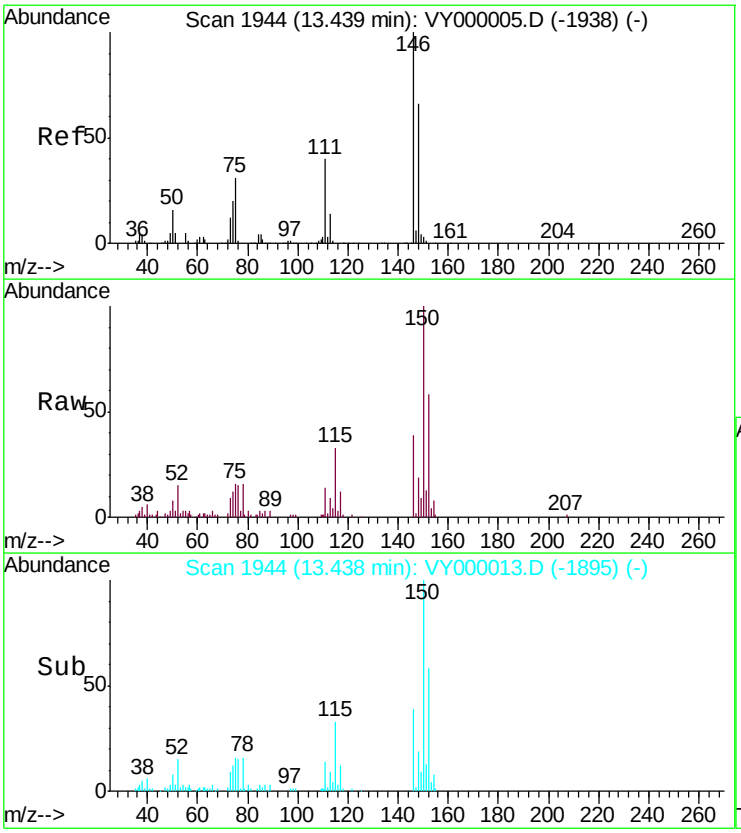

#87
1,3-Dichlorobenzene
Concen: 3.117 ug/l
RT: 13.36 min Scan# 1931
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion:146 Resp: 9244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 46.9 | 20.6 | 61.9 |
| 148 | 63.0 | 31.3 | 93.9 |

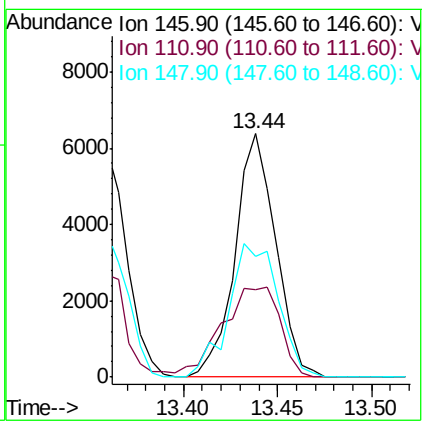


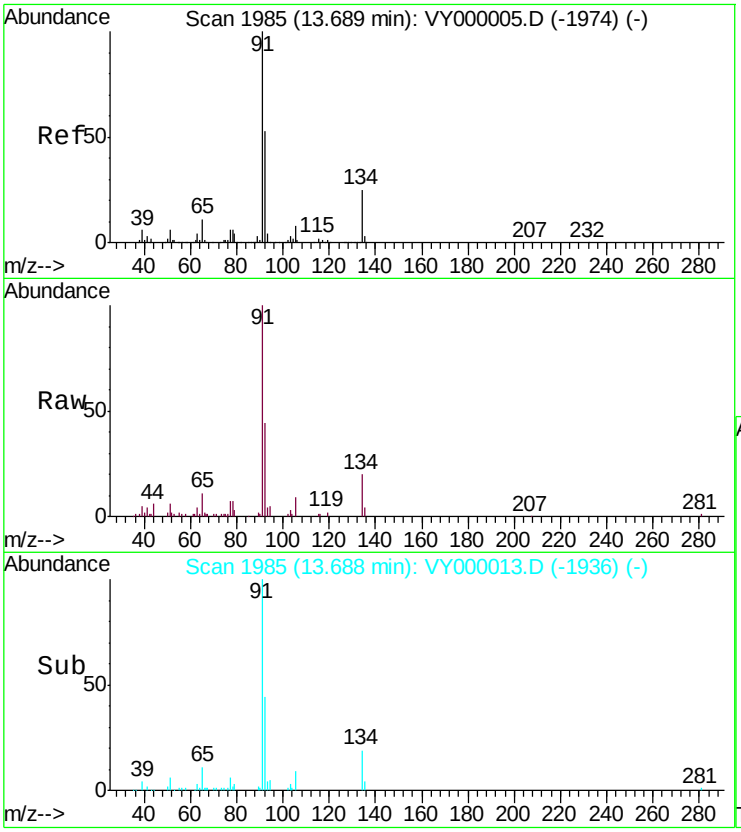




#88
1,4-Dichlorobenzene
Concen: 3.191 ug/l
RT: 13.44 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion:146 Resp: 9543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 52.6 | 20.3 | 60.9 |
| 148 | 66.9 | 31.9 | 95.7 |



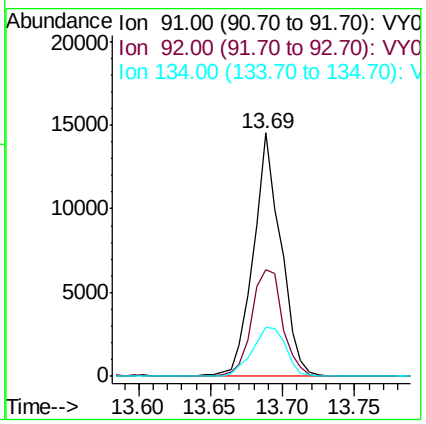


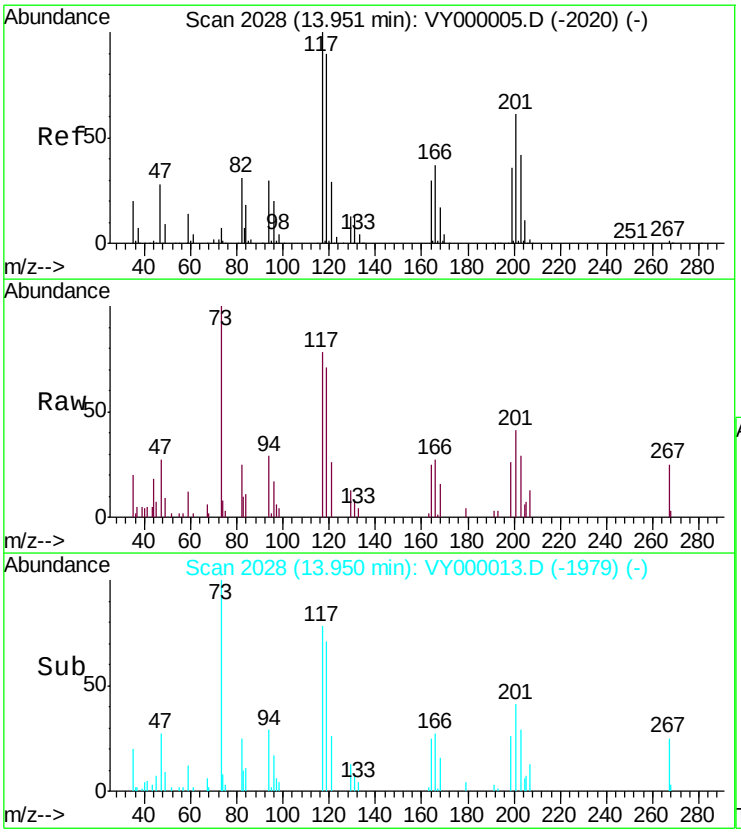

#89
n-Butylbenzene
Concen: 2.999 ug/l
RT: 13.69 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion: 91 Resp: 19066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 49.3 | 27.0 | 80.8 |
| 134 | 24.6 | 12.7 | 38.0 |

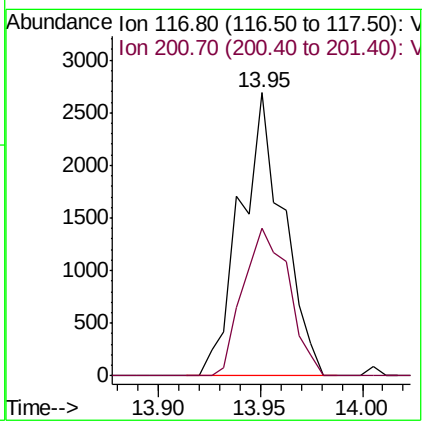


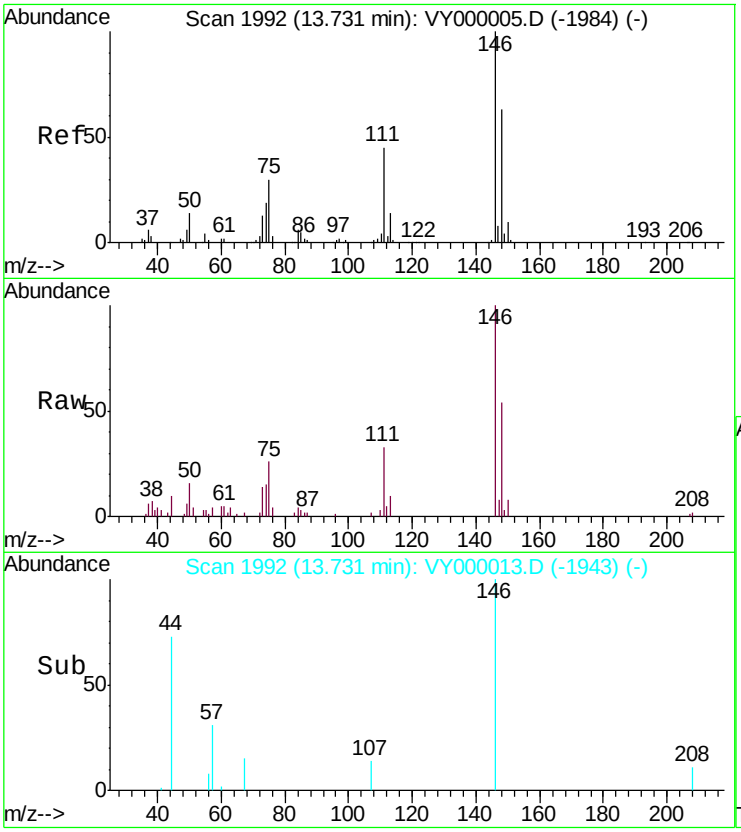




#90
Hexachloroethane
Concen: 3.070 ug/l
RT: 13.95 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion:117 Resp: 3951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 55.6 | 32.3 | 96.8 |



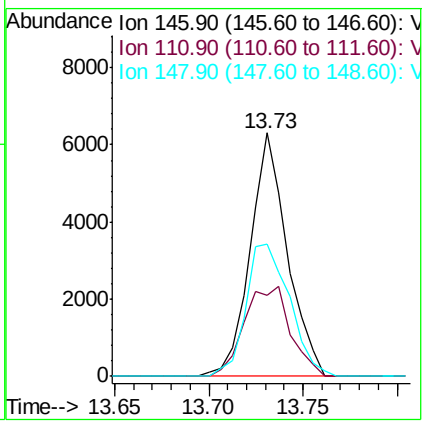


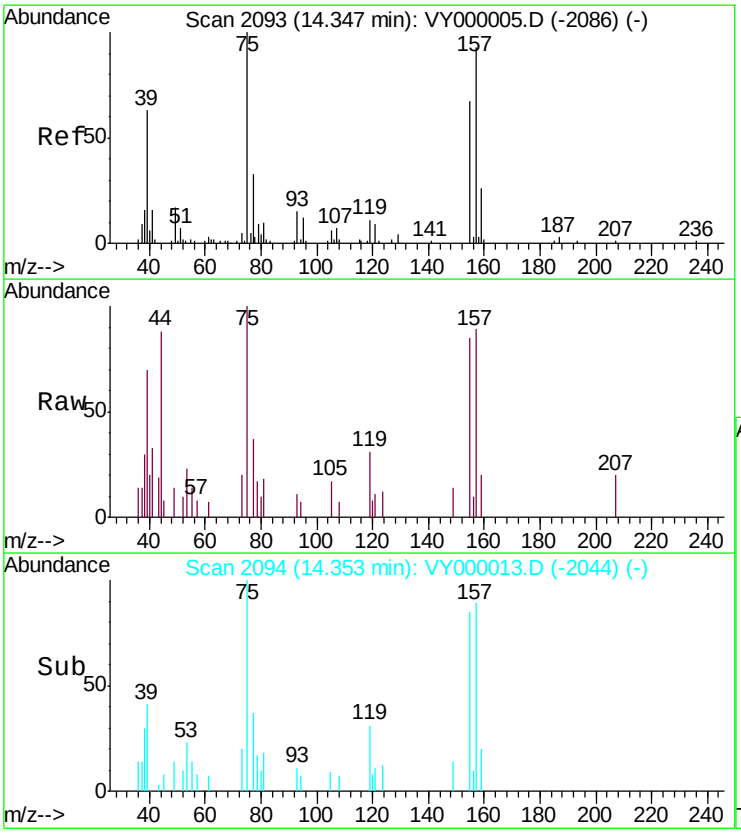

#91
1,2-Dichlorobenzene
Concen: 3.083 ug/l
RT: 13.73 min Scan# 1992
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion:146 Resp: 8612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 46.0 | 21.9 | 65.5 |
| 148 | 64.1 | 31.9 | 95.5 |

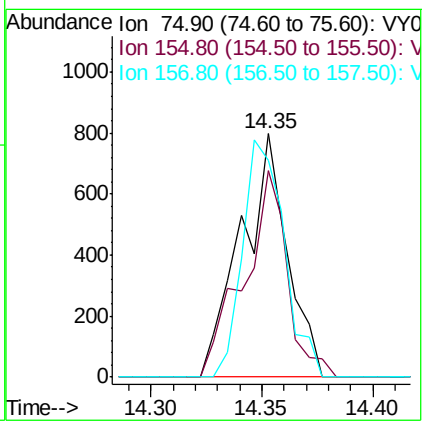


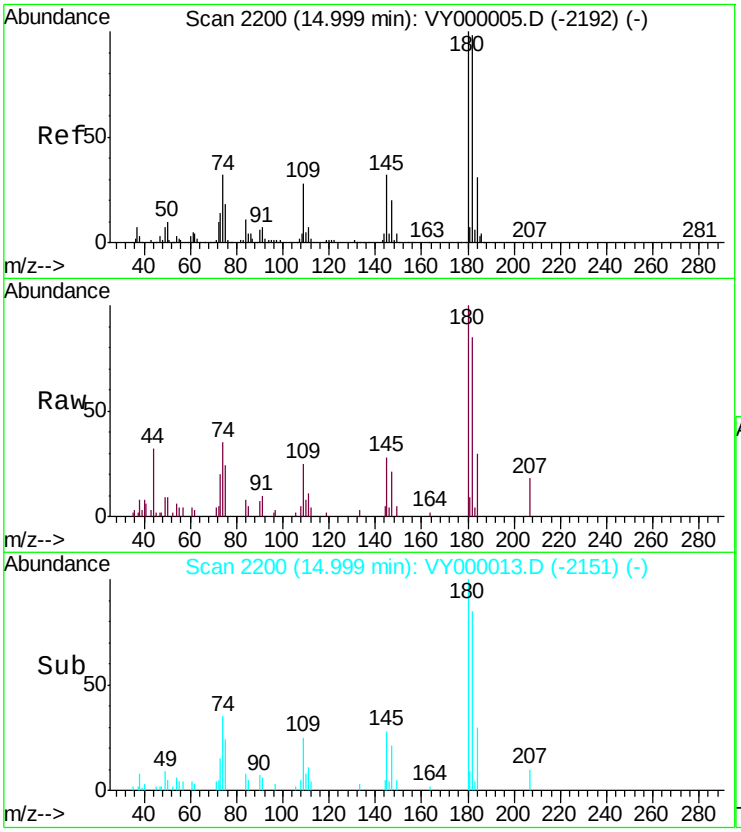




#92
1,2-Dibromo-3-Chloropropane
Concen: 3.710 ug/l
RT: 14.35 min Scan# 2094
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion: 75 Resp: 1148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 79.6 | 41.4 | 124.2 |
| 157 | 88.2 | 52.8 | 158.4 |



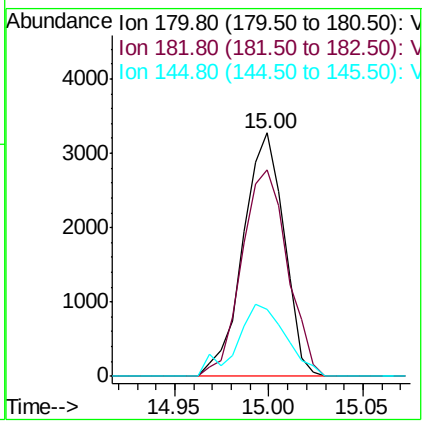


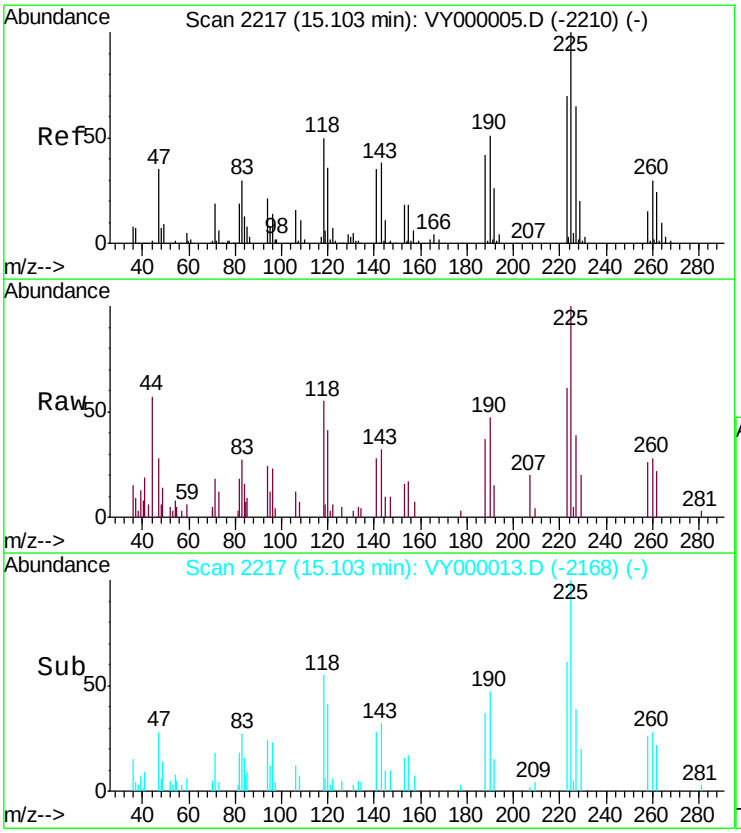

#93
1,2,4-Trichlorobenzene
Concen: 2.899 ug/l
RT: 15.00 min Scan# 2200
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion:180 Resp: 4938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.2 | 48.4 | 145.2 |
| 145 | 35.4 | 17.2 | 51.6 |

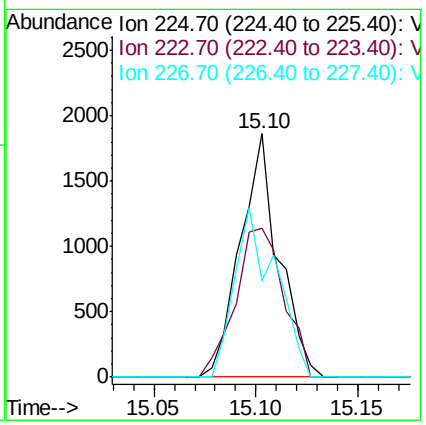


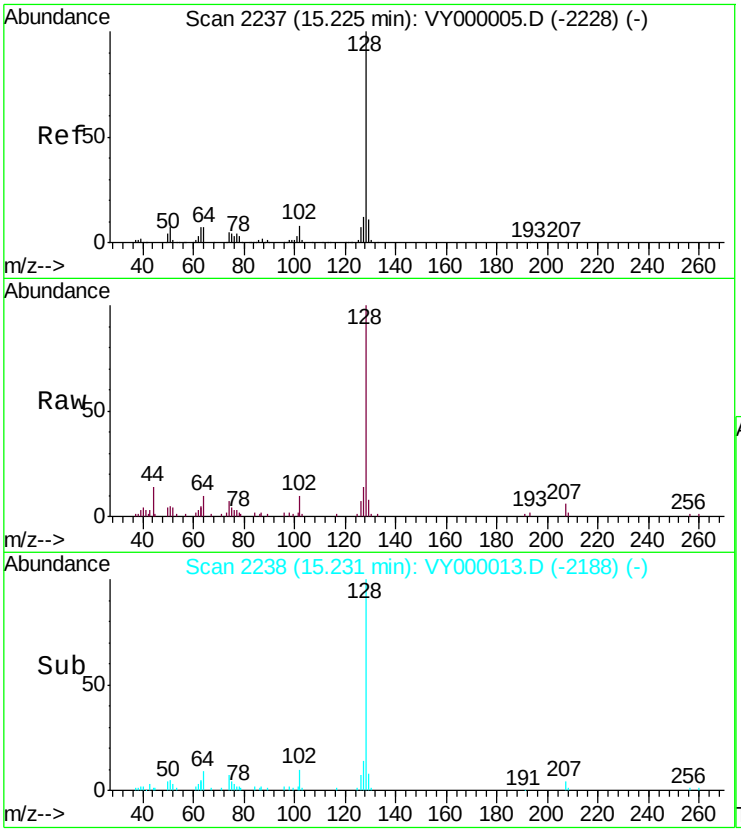




#94
Hexachlorobutadiene
Concen: 2.955 ug/l
RT: 15.10 min Scan# 2217
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion:225 Resp: 2437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 77.1 | 32.3 | 96.8 |
| 227 | 73.5 | 31.8 | 95.4 |



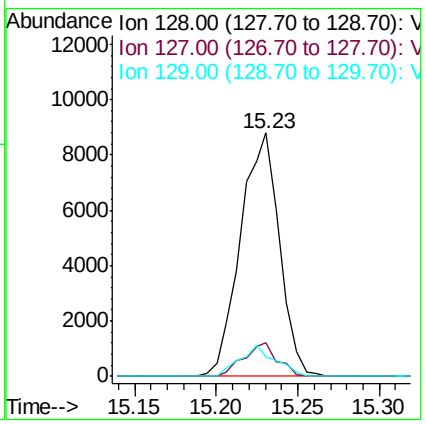


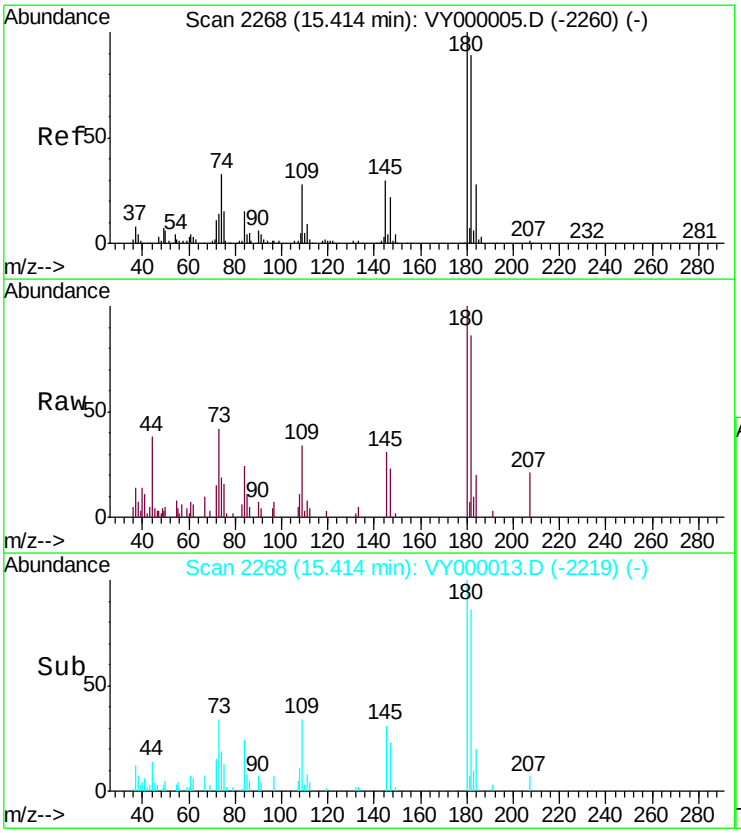

#95
Naphthalene
Concen: 3.126 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. 0.01 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MDL 3 PPB

Tgt Ion:128 Resp: 14556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 11.9 | 9.8 | 14.8 |
| 129 | 11.6 | 8.9 | 13.3 |




#96
1,2,3-Trichlorobenzene
Concen: 2.956 ug/l
RT: 15.41 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VY000013.D
Acq: 11 Sep 2019 21:06

Tgt Ion:180 Resp: 4515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 101.7 | 46.1 | 138.2 |
| 145 | 46.4 | 16.2 | 48.6 |