Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031020\
Data File : VY001932.D
Acq On : 10 Mar 2020 19:02
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Mar 11 04:02:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.80 | 168 | 151644 | 50.00 | ug/l | -0.01 |
| 34) 1,4-Difluorobenzene | 8.70 | 114 | 286487 | 50.00 | ug/l | -0.01 |
| 63) Chlorobenzene-d5 | 11.49 | 117 | 260986 | 50.00 | ug/l | -0.01 |
| 72) 1,4-Dichlorobenzene-d4 | 13.43 | 152 | 122183 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.15 | 65 | 87628 | 54.13 | ug/l | -0.02 |
| Spiked Amount 50.000 | | | Recovery = 108.26% | | | |
| 35) Dibromofluoromethane | 7.73 | 113 | 82581 | 52.79 | ug/l | -0.02 |
| Spiked Amount 50.000 | | | Recovery = 105.58% | | | |
| 50) Toluene-d8 | 10.19 | 98 | 338832 | 51.36 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.72% | | | |
| 62) 4-Bromofluorobenzene | 12.49 | 95 | 119199 | 51.97 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 103.94% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.91 | 85 | 62010 | 44.300 | ug/l | 95 |
| 3) Chloromethane | 2.12 | 50 | 89150 | 47.239 | ug/l | 99 |
| 4) Vinyl Chloride | 2.26 | 62 | 91232 | 47.526 | ug/l | 99 |
| 5) Bromomethane | 2.66 | 94 | 62190 | 56.192 | ug/l | 97 |
| 6) Chloroethane | 2.80 | 64 | 60100 | 49.840 | ug/l | 96 |
| 7) Trichlorofluoromethane | 3.13 | 101 | 124521 | 47.830 | ug/l | 97 |
| 8) Diethyl Ether | 3.54 | 74 | 52976 | 51.630 | ug/l | 98 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.91 | 101 | 82206 | 49.094 | ug/l | 99 |
| 10) Methyl Iodide | 4.11 | 142 | 95929 | 49.539 | ug/l | 99 |
| 11) Tert butyl alcohol | 4.97 | 59 | 50162 | 302.490 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 3.88 | 96 | 82747 | 49.078 | ug/l | 99 |
| 13) Acrolein | 3.74 | 56 | 61062 | 268.412 | ug/l | 98 |
| 14) Allyl chloride | 4.50 | 41 | 155947 | 52.174 | ug/l | 99 |
| 15) Acrylonitrile | 5.18 | 53 | 144286 | 263.152 | ug/l | 99 |
| 16) Acetone | 3.96 | 43 | 103710 | 219.948 | ug/l | 95 |
| 17) Carbon Disulfide | 4.21 | 76 | 267598 | 47.214 | ug/l | 99 |
| 18) Methyl Acetate | 4.49 | 43 | 63056 | 52.046 | ug/l | 97 |
| 19) Methyl tert-butyl Ether | 5.24 | 73 | 241572 | 52.872 | ug/l | 99 |
| 20) Methylene Chloride | 4.74 | 84 | 101299 | 50.127 | ug/l | 98 |
| 21) trans-1,2-Dichloroethene | 5.24 | 96 | 97277 | 50.833 | ug/l | 95 |
| 22) Diisopropyl ether | 6.14 | 45 | 330681 | 53.972 | ug/l | 98 |
| 23) Vinyl Acetate | 6.08 | 43 | 1082719 | 269.563 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 6.04 | 63 | 171346 | 51.643 | ug/l | 99 |
| 25) 2-Butanone | 7.00 | 43 | 177997 | 248.233 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 7.00 | 77 | 135557 | 49.778 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 7.00 | 96 | 109518 | 52.612 | ug/l | 99 |
| 28) Bromochloromethane | 7.35 | 49 | 81631 | 54.584 | ug/l | 99 |
| 29) Tetrahydrofuran | 7.36 | 42 | 123347 | 259.040 | ug/l | 100 |
| 30) Chloroform | 7.52 | 83 | 164390 | 52.736 | ug/l | 99 |
| 31) Cyclohexane | 7.80 | 56 | 170020 | 47.792 | ug/l | 95 |
| 32) 1,1,1-Trichloroethane | 7.71 | 97 | 134707 | 51.271 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 7.93 | 75 | 132065 | 47.904 | ug/l | 99 |
| 37) Ethyl Acetate | 7.09 | 43 | 81627 | 50.944 | ug/l | 100 |
| 38) Carbon Tetrachloride | 7.91 | 117 | 115908 | 49.216 | ug/l | 98 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031020\
Data File : VY001932.D
Acq On : 10 Mar 2020 19:02
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Mar 11 04:02:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.19 | 83 | 173419 | 47.427 ug/l | 97 |
| 40) Benzene | 8.17 | 78 | 405960 | 49.681 ug/l | 99 |
| 41) Methacrylonitrile | 7.36 | 41 | 110794 | 153.647 ug/l # | 1 |
| 42) 1,2-Dichloroethane | 8.25 | 62 | 107821 | 51.206 ug/l | 99 |
| 43) Isopropyl Acetate | 8.28 | 43 | 156292 | 51.520 ug/l | 99 |
| 44) Trichloroethene | 8.95 | 130 | 96548 | 48.515 ug/l | 99 |
| 45) 1,2-Dichloropropane | 9.22 | 63 | 105488 | 51.354 ug/l | 98 |
| 46) Dibromomethane | 9.31 | 93 | 54596 | 51.576 ug/l | 97 |
| 47) Bromodichloromethane | 9.50 | 83 | 128368 | 52.131 ug/l | 100 |
| 48) Methyl methacrylate | 9.30 | 41 | 69284 | 51.470 ug/l | 94 |
| 49) 1,4-Dioxane | 9.30 | 88 | 14470 | 997.605 ug/l | 96 |
| 51) 4-Methyl-2-Pentanone | 10.08 | 43 | 407671 | 260.906 ug/l | 99 |
| 52) Toluene | 10.25 | 92 | 247848 | 49.930 ug/l | 100 |
| 53) t-1,3-Dichloropropene | 10.47 | 75 | 139086 | 51.845 ug/l | 97 |
| 54) cis-1,3-Dichloropropene | 9.94 | 75 | 164640 | 51.552 ug/l | 97 |
| 55) 1,1,2-Trichloroethane | 10.65 | 97 | 79312 | 51.196 ug/l | 98 |
| 56) Ethyl methacrylate | 10.52 | 69 | 121390 | 53.459 ug/l | 98 |
| 57) 1,3-Dichloropropane | 10.80 | 76 | 142025 | 51.431 ug/l | 100 |
| 58) 2-Chloroethyl Vinyl ether | 9.79 | 63 | 196137 | 246.659 ug/l | 100 |
| 59) 2-Hexanone | 10.83 | 43 | 276643 | 248.053 ug/l | 99 |
| 60) Dibromochloromethane | 10.99 | 129 | 85531 | 52.396 ug/l | 99 |
| 61) 1,2-Dibromoethane | 11.10 | 107 | 76253 | 51.963 ug/l | 100 |
| 64) Tetrachloroethene | 10.72 | 164 | 78017 | 47.667 ug/l | 97 |
| 65) Chlorobenzene | 11.52 | 112 | 254737 | 48.985 ug/l | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 11.60 | 131 | 86582 | 50.771 ug/l | 98 |
| 67) Ethyl Benzene | 11.60 | 91 | 481197 | 49.616 ug/l | 98 |
| 68) m/p-Xylenes | 11.70 | 106 | 356963 | 99.554 ug/l | 99 |
| 69) o-Xylene | 12.03 | 106 | 169505 | 50.156 ug/l | 100 |
| 70) Styrene | 12.05 | 104 | 297240 | 51.353 ug/l | 99 |
| 71) Bromoform | 12.21 | 173 | 48066 | 51.973 ug/l # | 100 |
| 73) Isopropylbenzene | 12.33 | 105 | 450863 | 48.339 ug/l | 100 |
| 74) N-amyl acetate | 12.14 | 43 | 146352 | 51.054 ug/l | 100 |
| 75) 1,1,2,2-Tetrachloroethane | 12.58 | 83 | 103154 | 51.285 ug/l | 97 |
| 76) 1,2,3-Trichloropropane | 12.64 | 75 | 128962 | 88.953 ug/l # | 100 |
| 77) Bromobenzene | 12.61 | 156 | 102297 | 51.766 ug/l | 93 |
| 78) n-propylbenzene | 12.67 | 91 | 565664 | 49.158 ug/l | 100 |
| 79) 2-Chlorotoluene | 12.76 | 91 | 311511 | 49.000 ug/l | 99 |
| 80) 1,3,5-Trimethylbenzene | 12.81 | 105 | 375863 | 48.950 ug/l | 99 |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75 | 35072 | 48.865 ug/l | 97 |
| 82) 4-Chlorotoluene | 12.86 | 91 | 330212 | 49.886 ug/l | 100 |
| 83) tert-Butylbenzene | 13.08 | 119 | 317475 | 49.780 ug/l | 98 |
| 84) 1,2,4-Trimethylbenzene | 13.12 | 105 | 379554 | 49.809 ug/l | 99 |
| 85) sec-Butylbenzene | 13.25 | 105 | 462158 | 49.163 ug/l | 100 |
| 86) p-Isopropyltoluene | 13.37 | 119 | 400542 | 49.394 ug/l | 99 |
| 87) 1,3-Dichlorobenzene | 13.37 | 146 | 190490 | 49.192 ug/l | 99 |
| 88) 1,4-Dichlorobenzene | 13.45 | 146 | 191729 | 48.805 ug/l | 99 |
| 89) n-Butylbenzene | 13.70 | 91 | 412825 | 49.069 ug/l | 99 |
| 90) Hexachloroethane | 13.96 | 117 | 77777 | 50.841 ug/l | 97 |
| 91) 1,2-Dichlorobenzene | 13.74 | 146 | 174512 | 49.605 ug/l | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75 | 15470 | 49.289 ug/l | 96 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031020\
Data File : VY001932.D
Acq On : 10 Mar 2020 19:02
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Mar 11 04:02:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.01 | 180 | 111680 | 48.951 | ug/l | 97 |
| 94) Hexachlorobutadiene | 15.11 | 225 | 53697 | 48.275 | ug/l | 99 |
| 95) Naphthalene | 15.24 | 128 | 268773 | 49.666 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 15.43 | 180 | 99416 | 49.464 | ug/l | 99 |

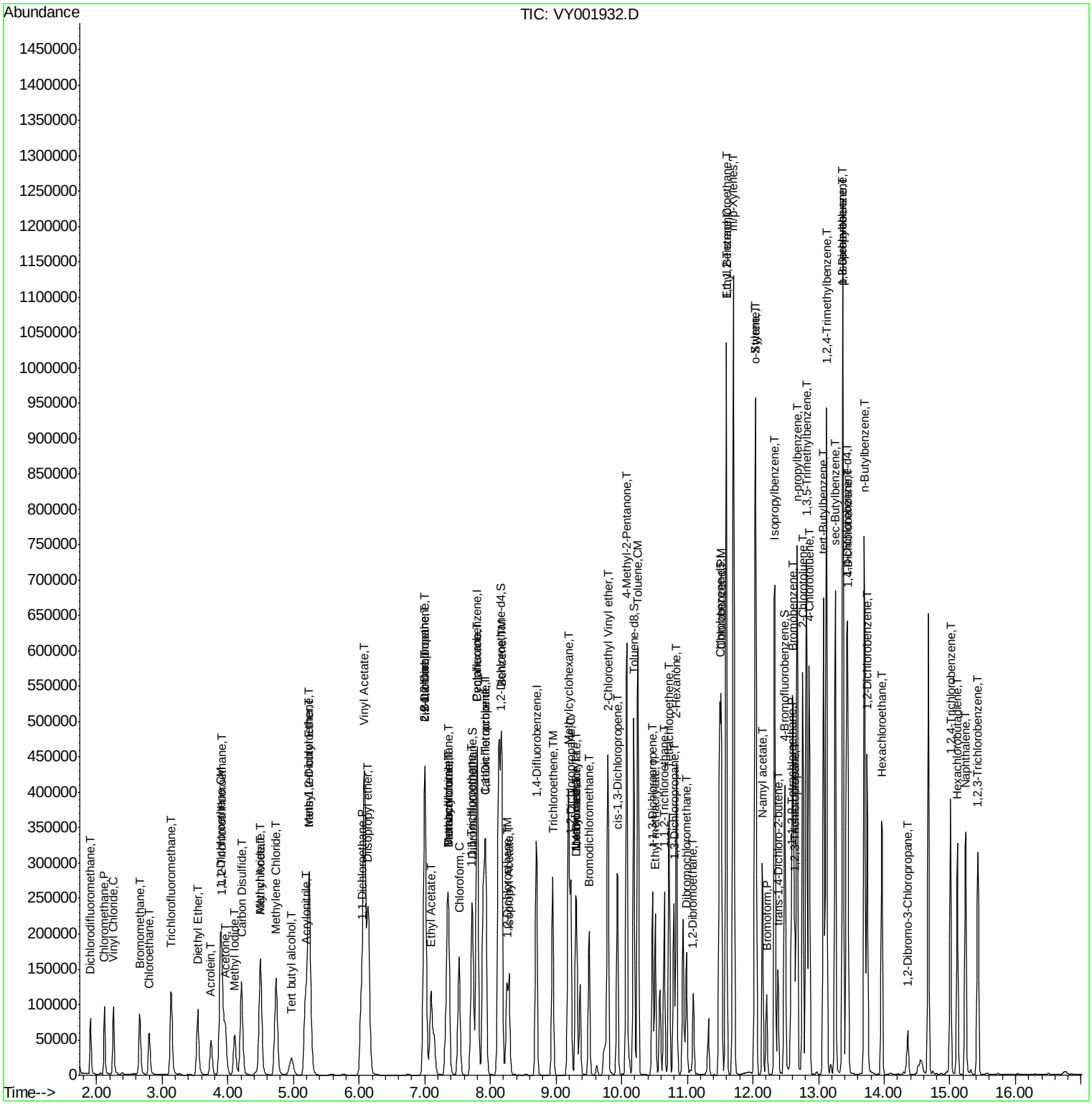
(#) = qualifier out of range (m) = manual integration (+) = signals summed

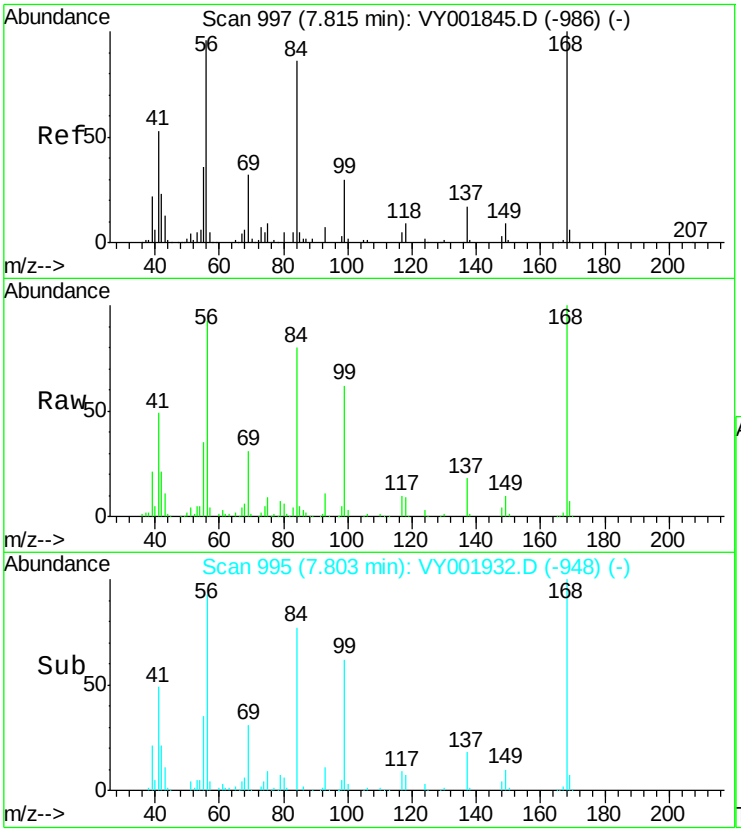
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031020\
Data File : VY001932.D
Acq On : 10 Mar 2020 19:02
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Mar 11 04:02:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration



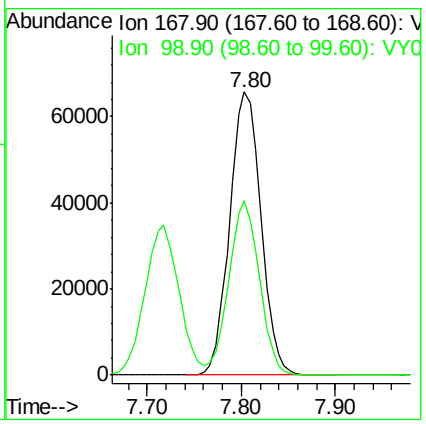


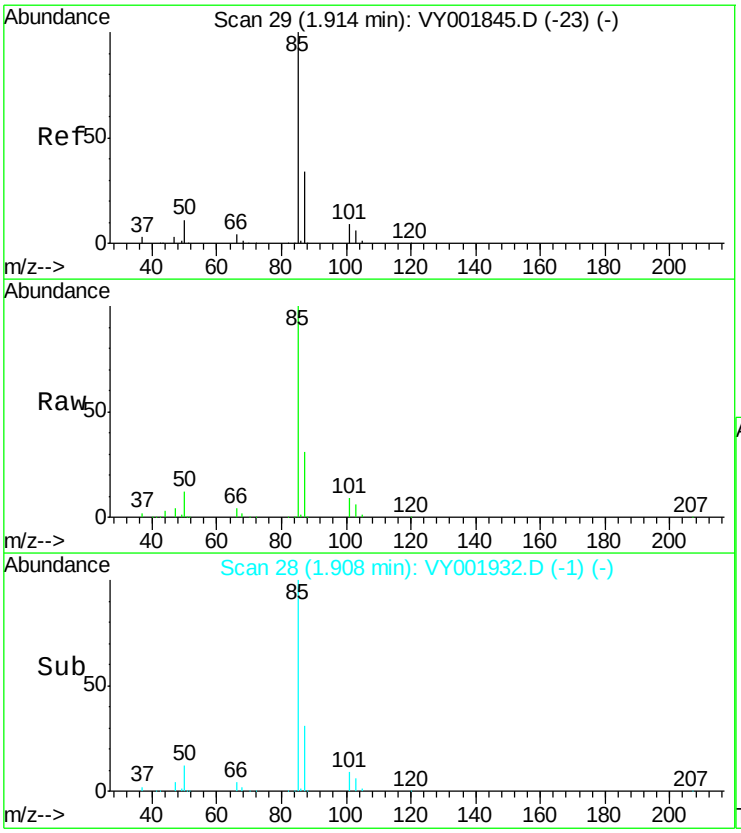

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion:168 Resp: 151644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 61.8 | 46.7 | 70.1 |

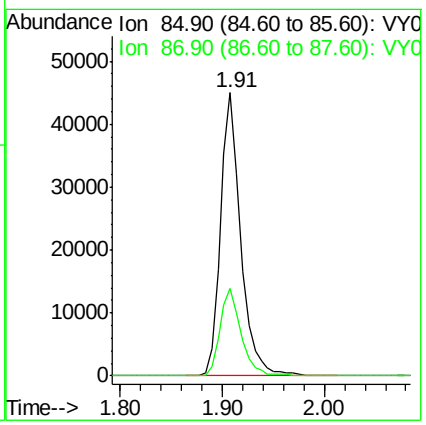


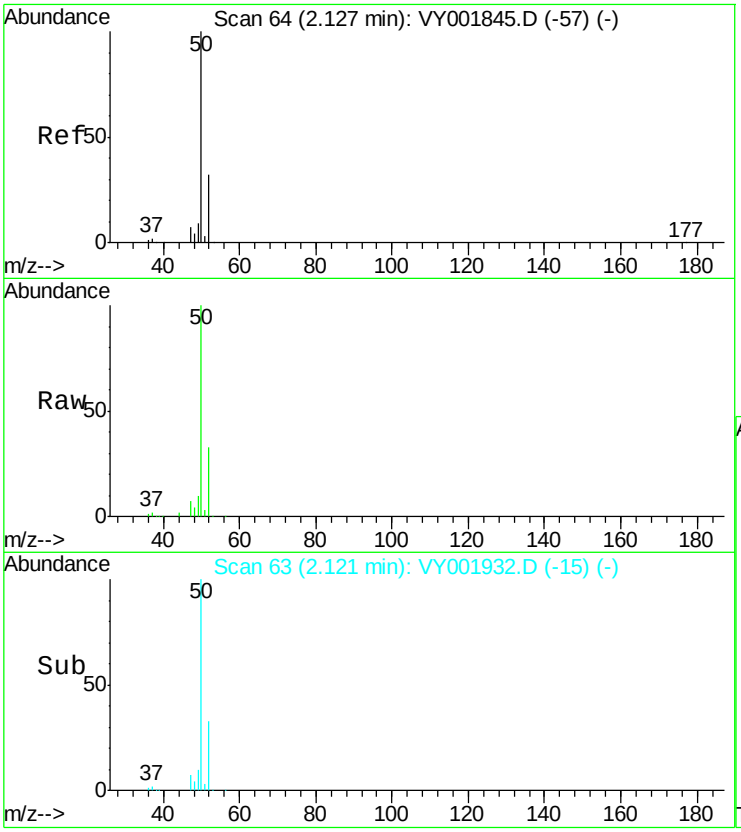




#2
Dichlorodifluoromethane
Concen: 44.300 ug/l
RT: 1.91 min Scan# 28
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 85 Resp: 62010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 30.8 | 16.8 | 50.4 |



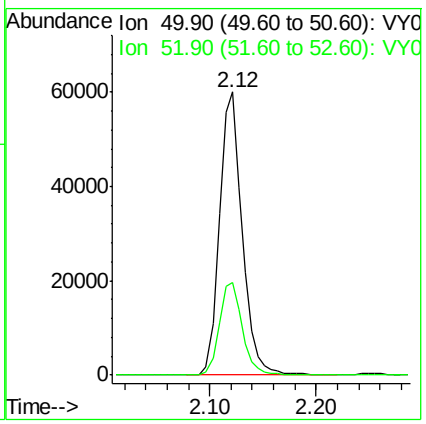


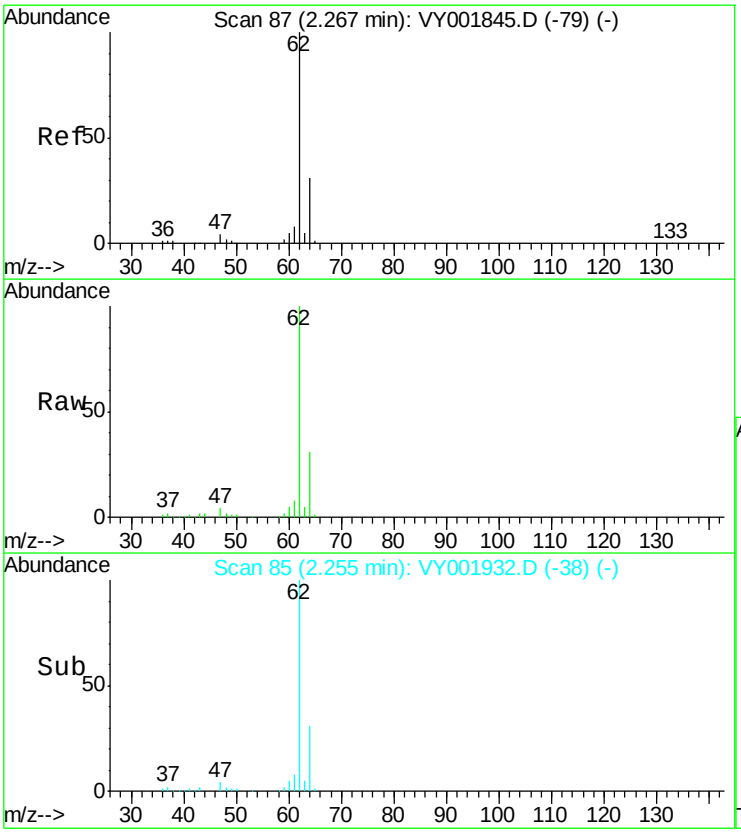

#3
Chloromethane
Concen: 47.239 ug/l
RT: 2.12 min Scan# 63
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 50 Resp: 89150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.6 | 25.8 | 38.6 |

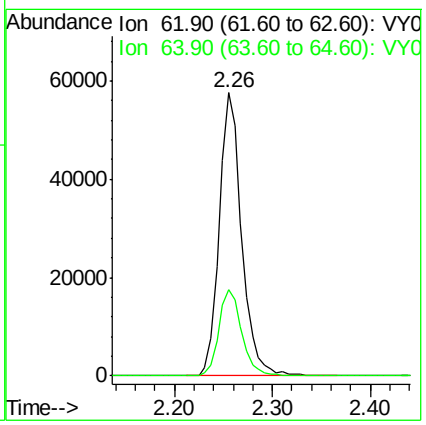


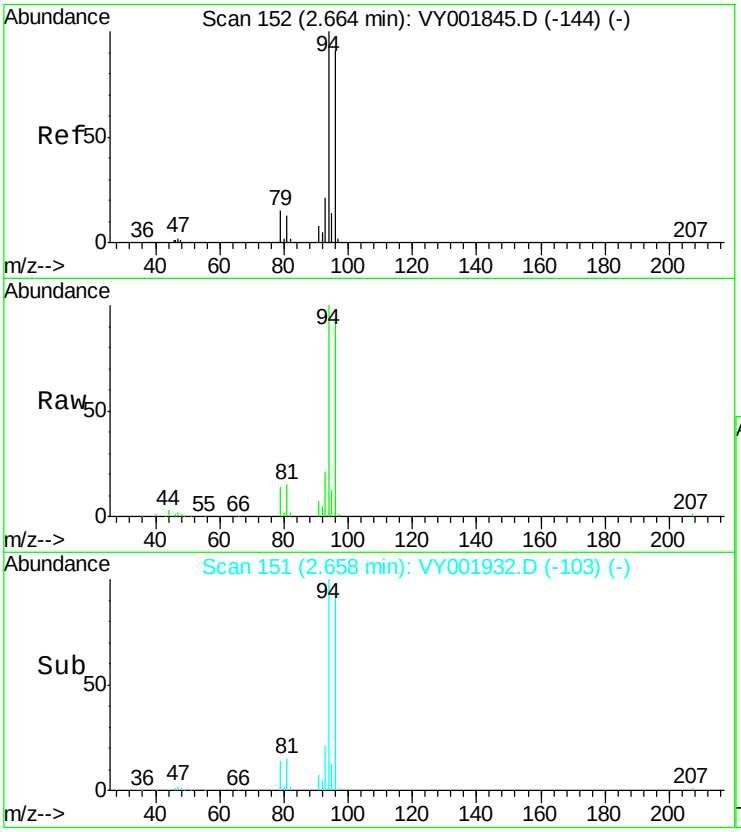




#4
Vinyl Chloride
Concen: 47.526 ug/l
RT: 2.26 min Scan# 85
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 62 Resp: 91232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 30.7 | 25.1 | 37.7 |



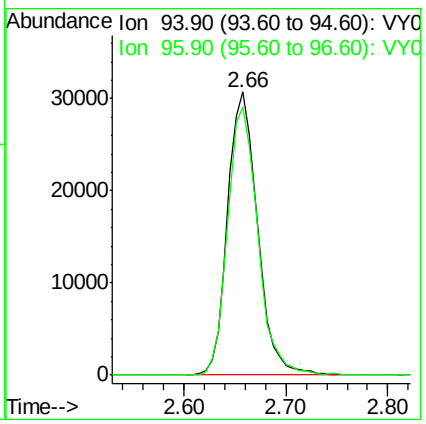


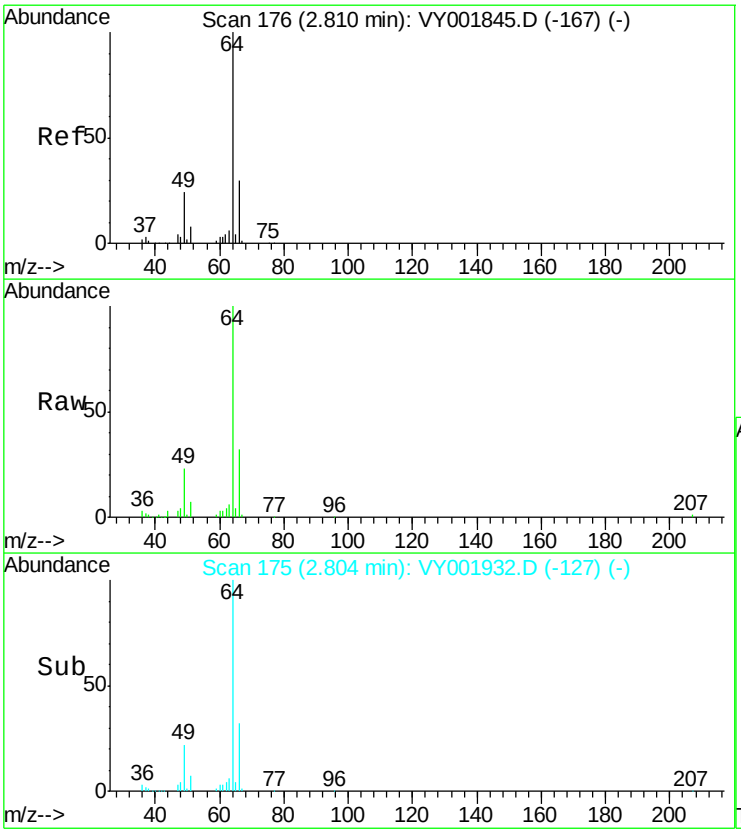

#5
Bromomethane
Concen: 56.192 ug/l
RT: 2.66 min Scan# 151
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 94 Resp: 62190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.5 | 73.2 | 109.8 |

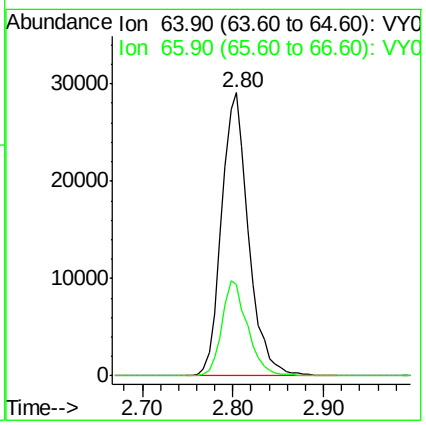


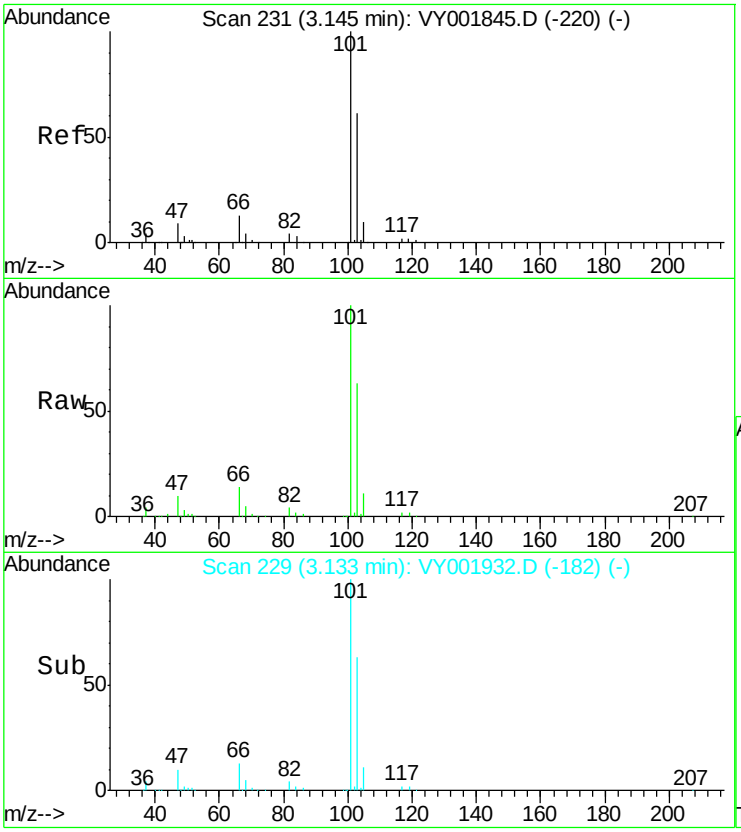




#6
Chloroethane
Concen: 49.840 ug/l
RT: 2.80 min Scan# 175
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 64 Resp: 60100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.2 | 23.8 | 35.8 |



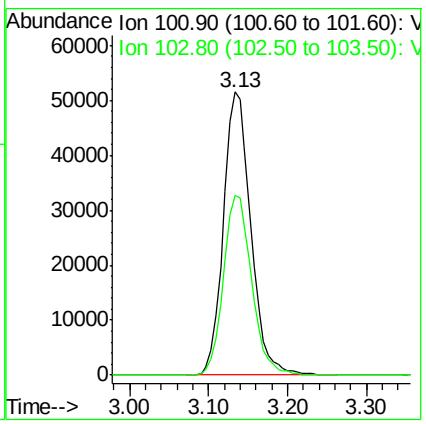


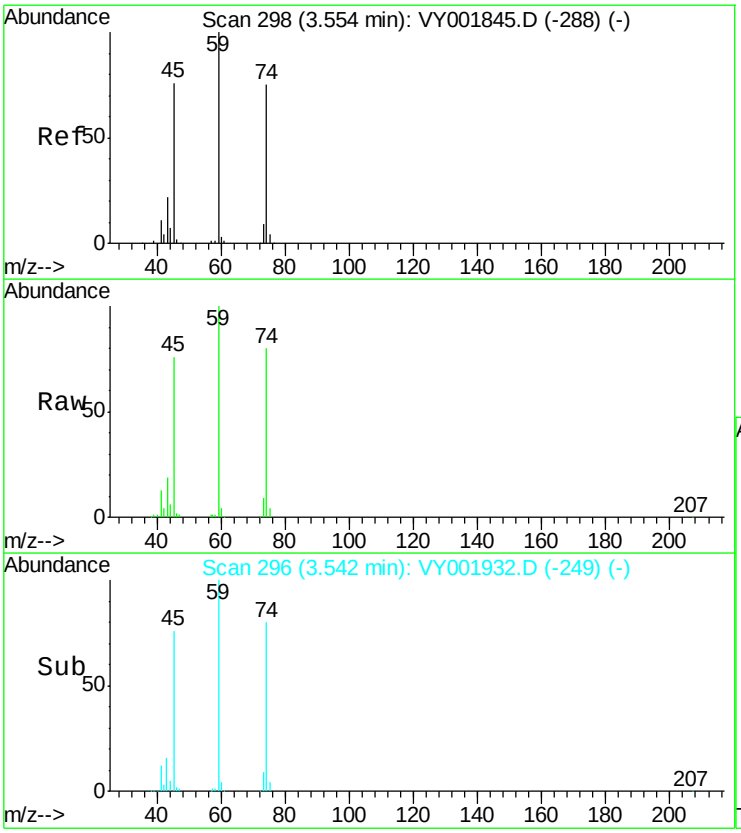

#7
Trichlorofluoromethane
Concen: 47.830 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion:101 Resp: 124521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 63.5 | 49.1 | 73.7 |

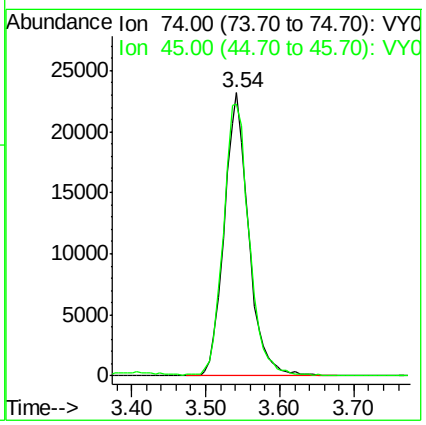


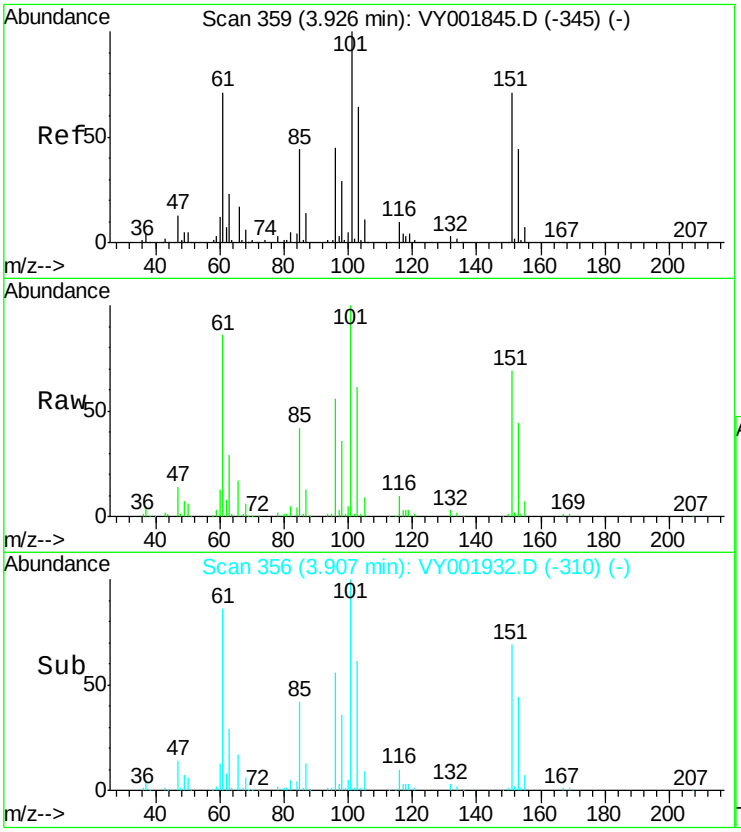




#8
Diethyl Ether
Concen: 51.630 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 74 Resp: 52976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 102.6 | 50.5 | 151.5 |



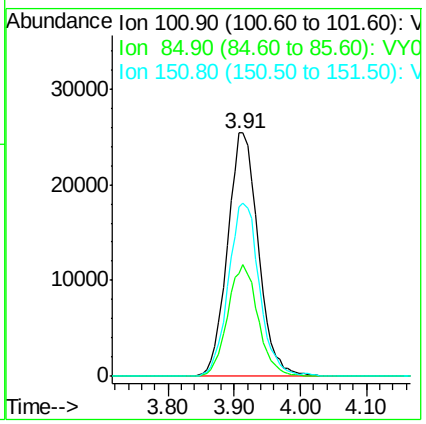


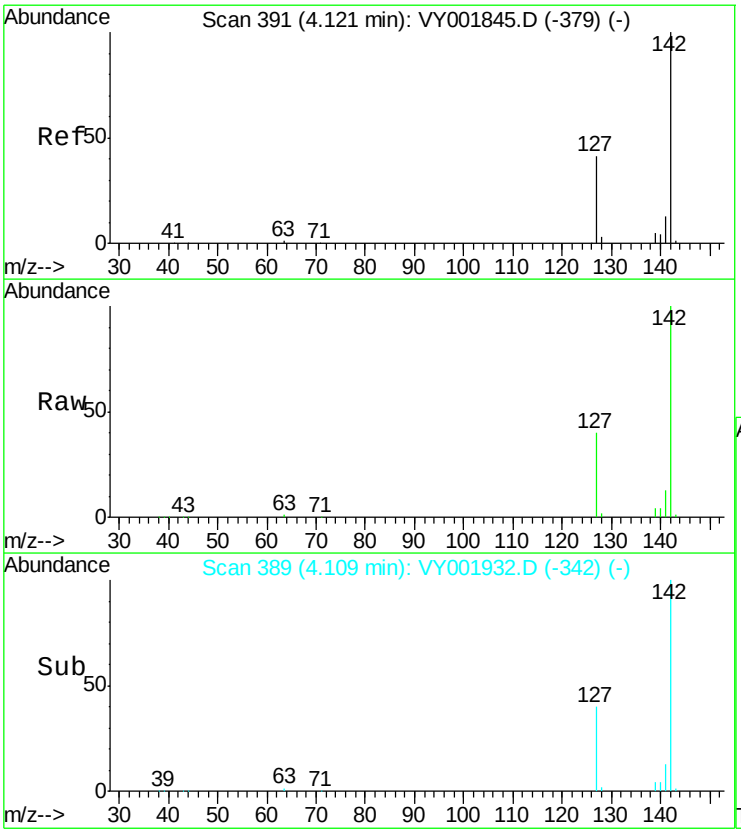

#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.094 ug/l
RT: 3.91 min Scan# 356
Delta R.T. -0.02 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion:101 Resp: 82206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 45.1 | 35.3 | 52.9 |
| 151 | 71.6 | 57.0 | 85.4 |

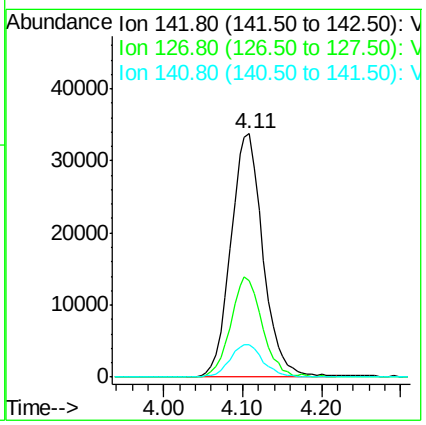


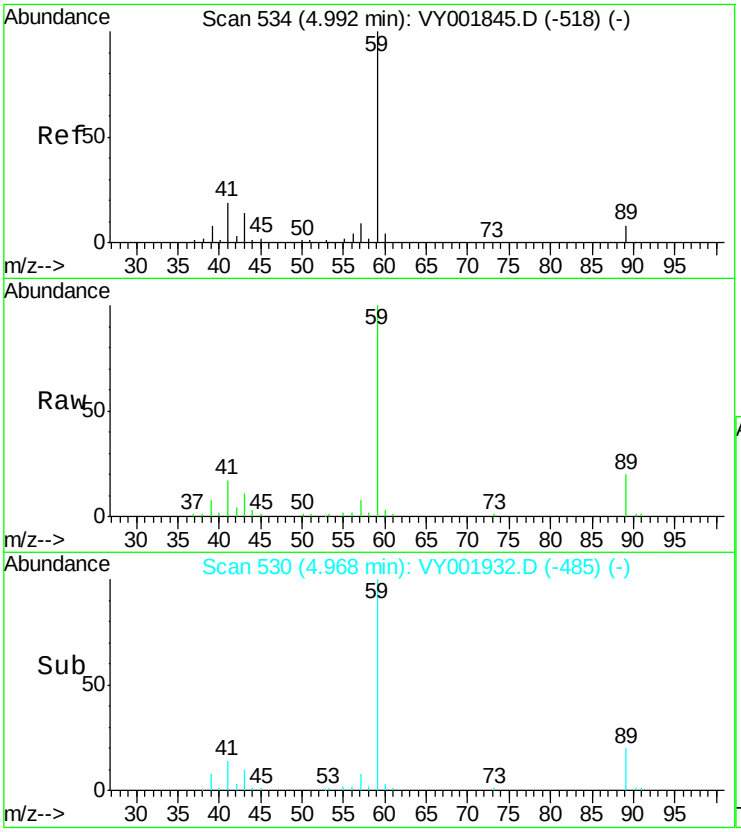




#10
Methyl Iodide
Concen: 49.539 ug/l
RT: 4.11 min Scan# 389
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion:142 Resp: 95929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 40.3 | 32.7 | 49.1 |
| 141 | 13.8 | 11.0 | 16.6 |



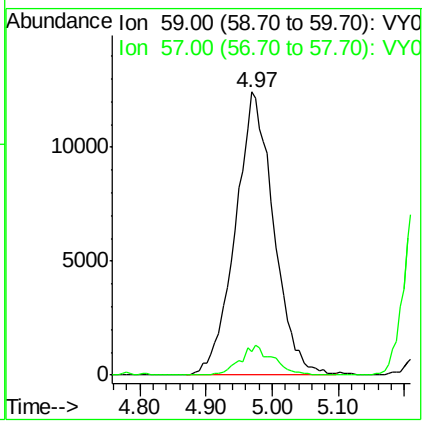


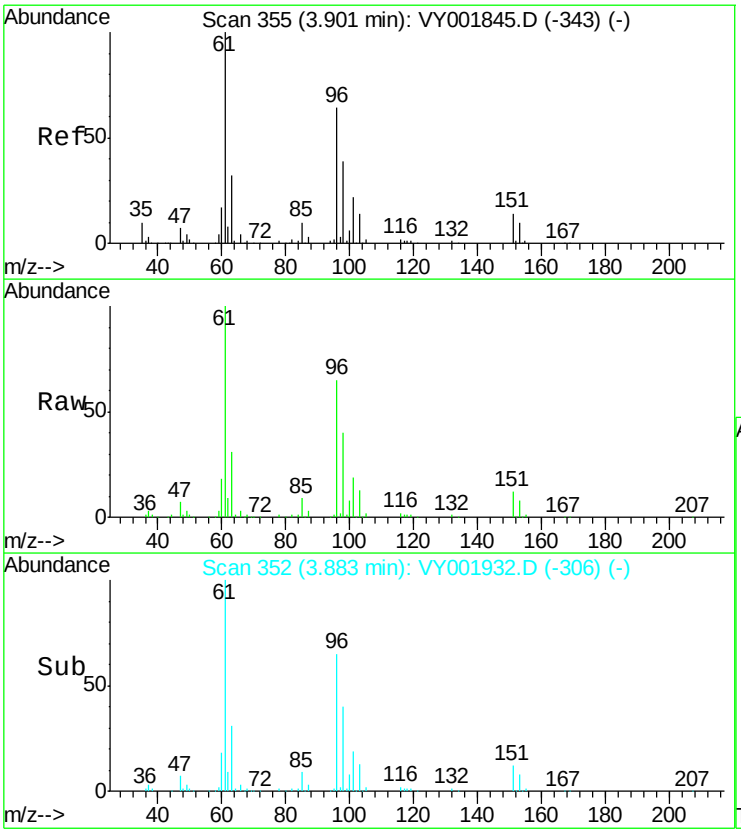

#11
Tert butyl alcohol
Concen: 302.490 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.02 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 59 Resp: 50162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 8.9 | 7.4 | 11.2 |

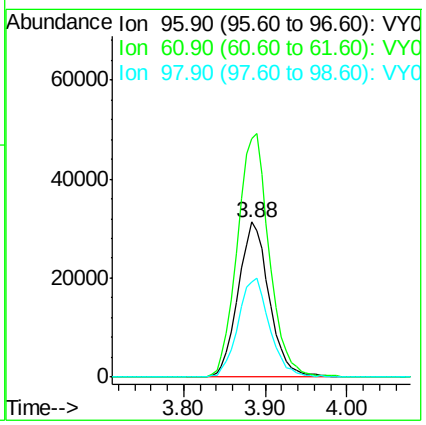


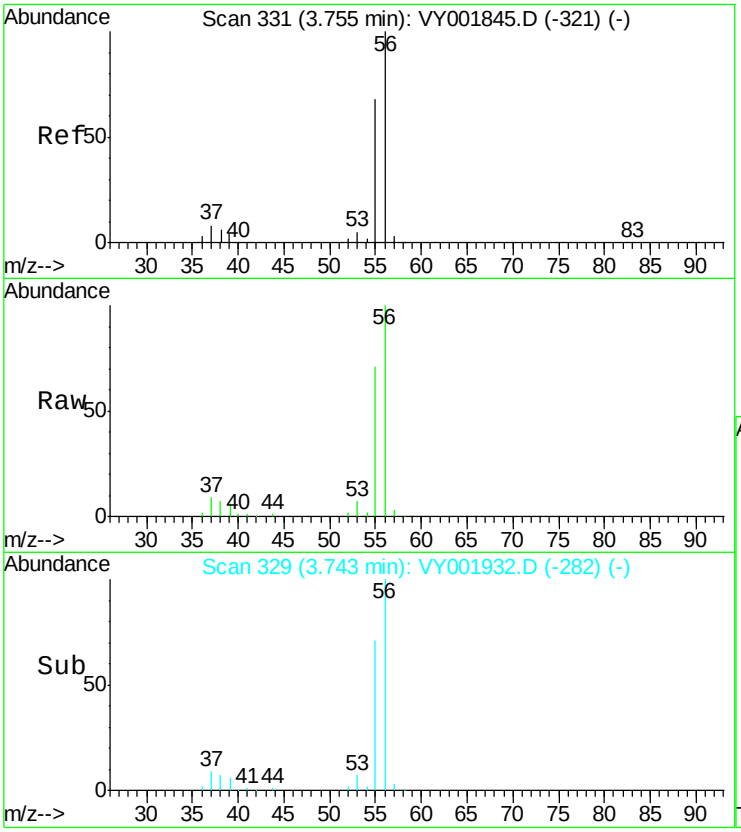




#12
1,1-Dichloroethene
Concen: 49.078 ug/l
RT: 3.88 min Scan# 352
Delta R.T. -0.02 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 96 Resp: 82747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 153.9 | 124.8 | 187.2 |
| 98 | 61.4 | 49.2 | 73.8 |



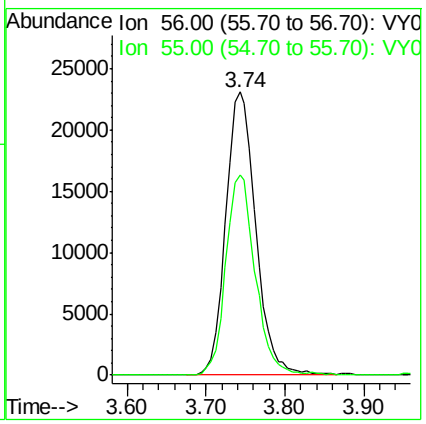


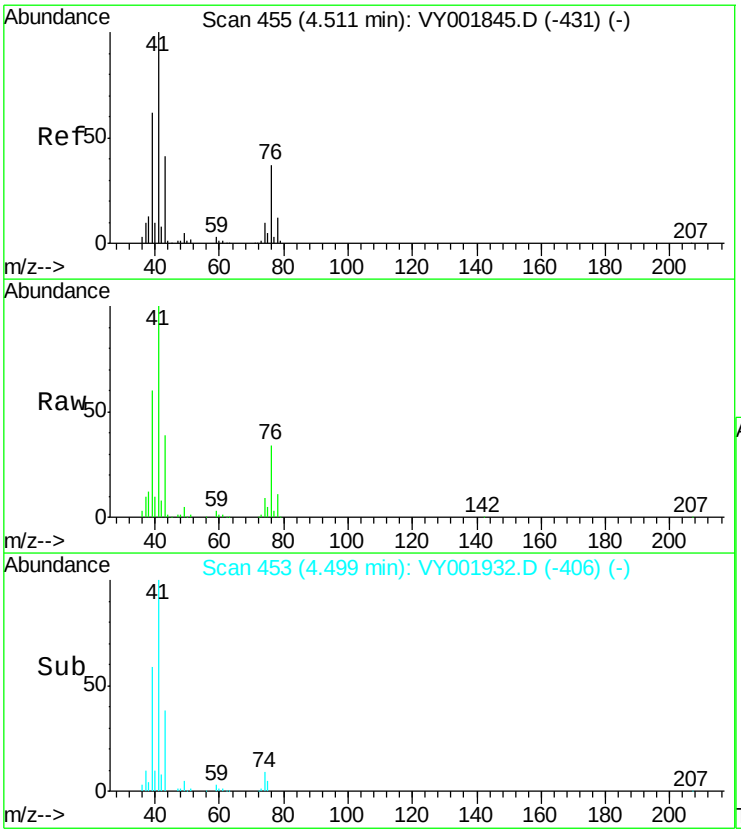

#13
Acrolein
Concen: 268.412 ug/l
RT: 3.74 min Scan# 329
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 56 Resp: 61062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 68.9 | 54.0 | 81.0 |

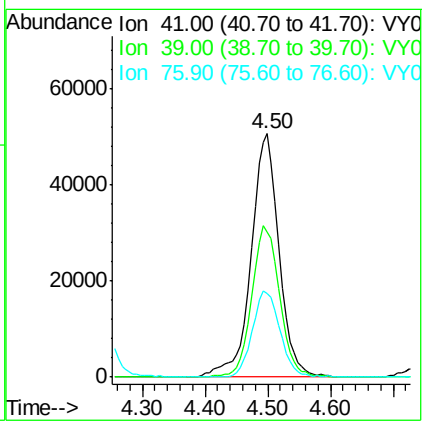


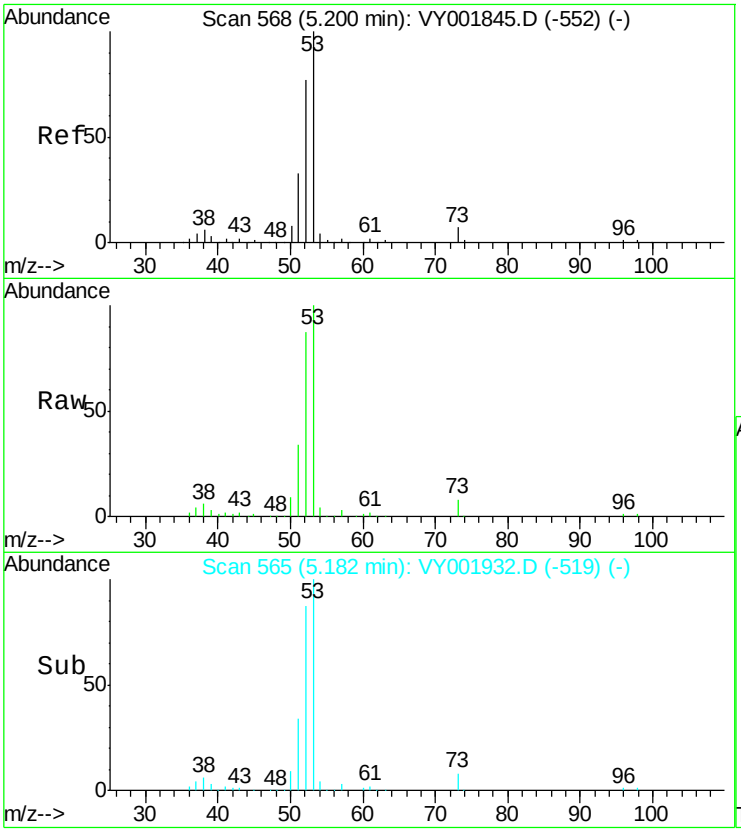




#14
Allyl chloride
Concen: 52.174 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 41 Resp: 155947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 62.1 | 49.0 | 73.6 |
| 76 | 34.9 | 28.9 | 43.3 |



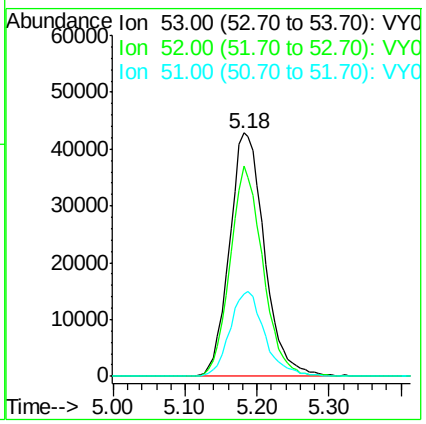


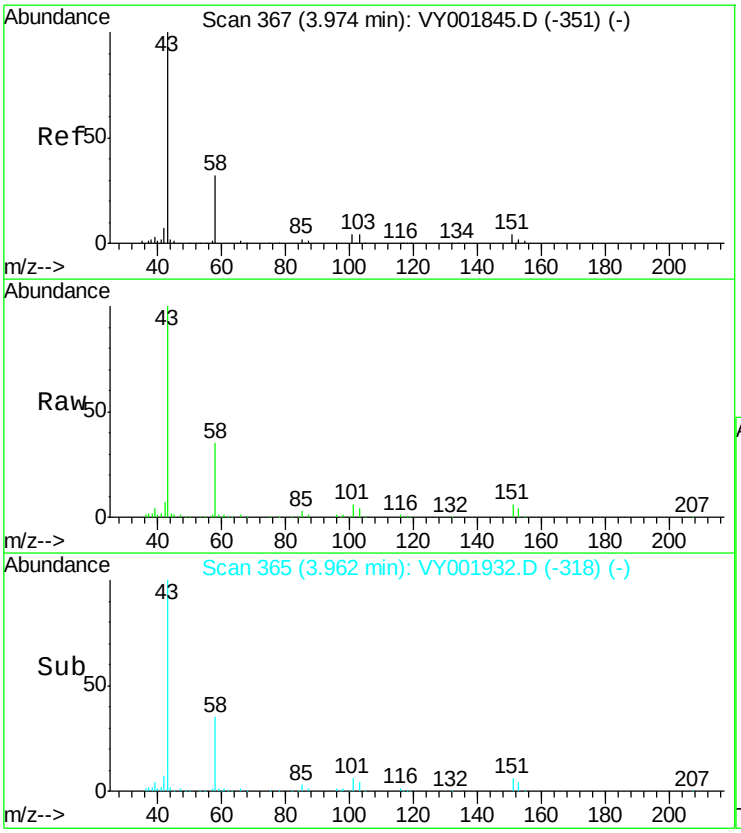

#15
Acrylonitrile
Concen: 263.152 ug/l
RT: 5.18 min Scan# 565
Delta R.T. -0.02 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 53 Resp: 144286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 81.0 | 65.1 | 97.7 |
| 51 | 34.8 | 27.5 | 41.3 |

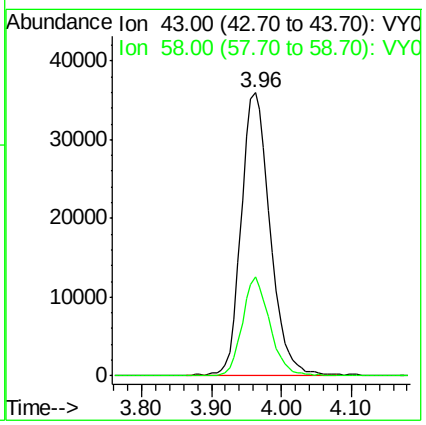


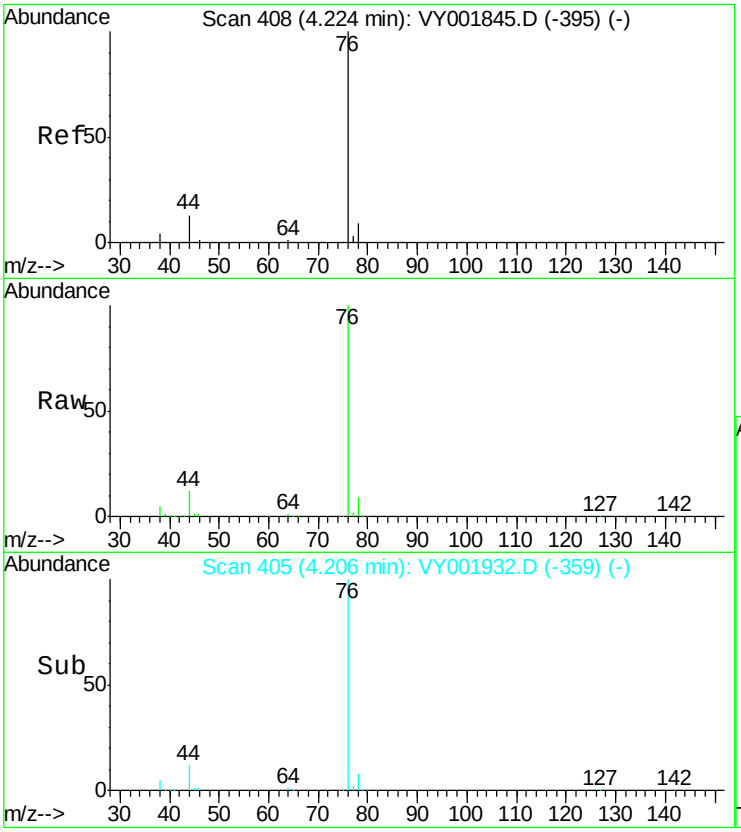




#16
Acetone
Concen: 219.948 ug/l
RT: 3.96 min Scan# 365
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 43 Resp: 103710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 35.1 | 25.9 | 38.9 |



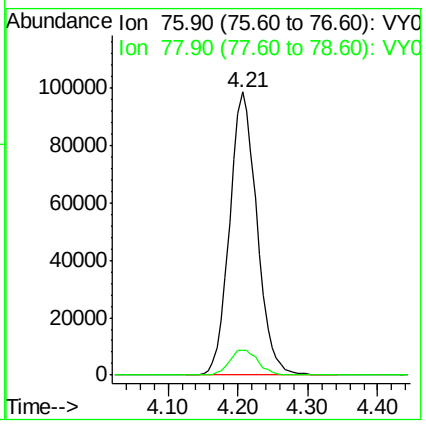


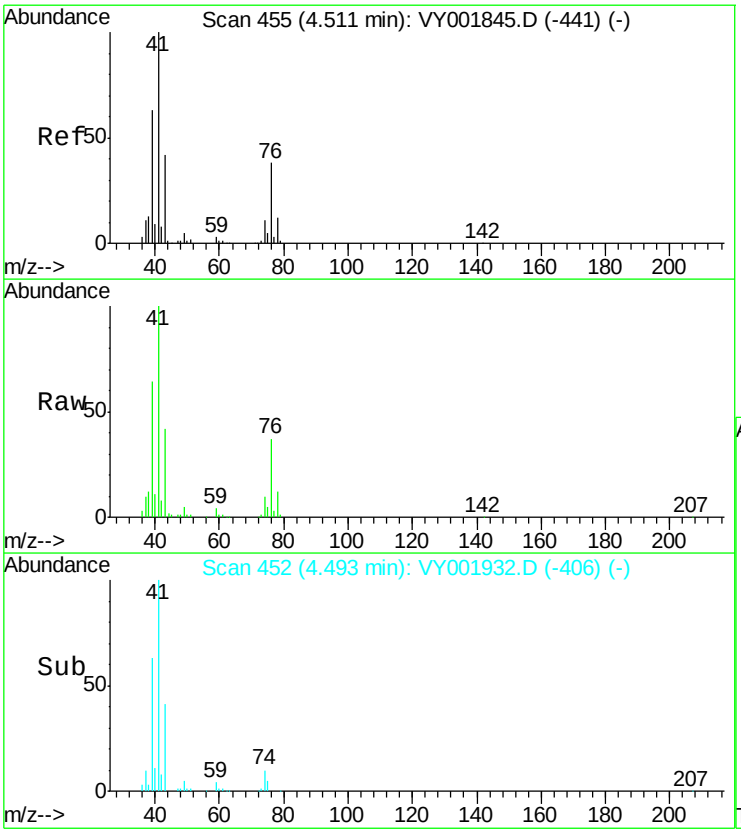

#17
Carbon Disulfide
Concen: 47.214 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.02 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 76 Resp: 267598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.8 | 7.4 | 11.2 |

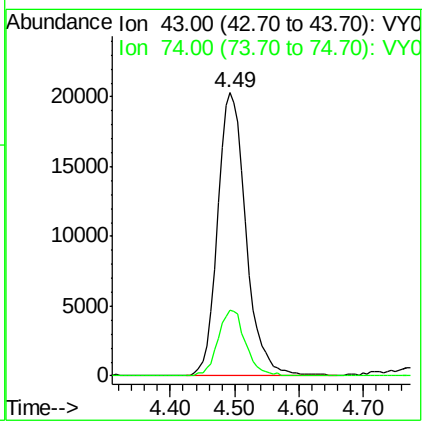


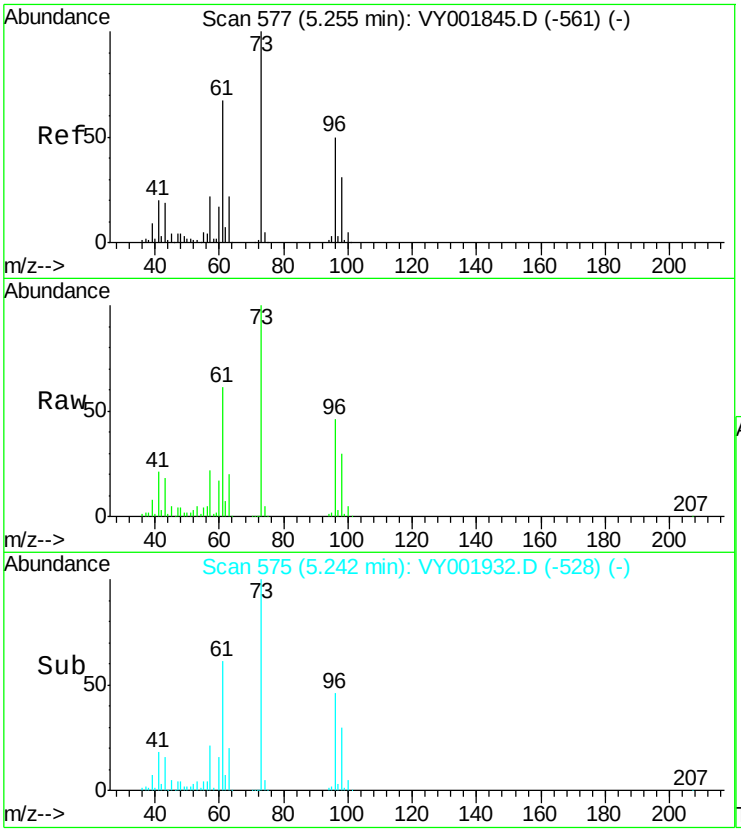




#18
Methyl Acetate
Concen: 52.046 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.02 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 43 Resp: 63056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 22.4 | 19.0 | 28.6 |



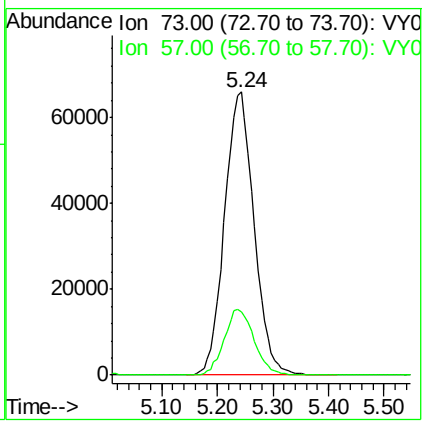


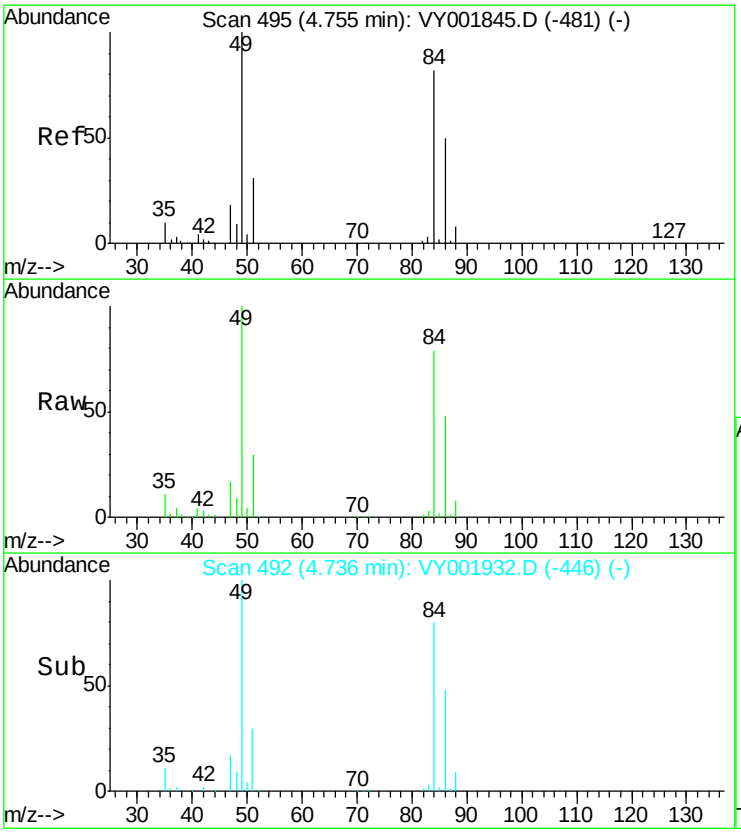

#19
Methyl tert-butyl Ether
Concen: 52.872 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 73 Resp: 241572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.2 | 17.4 | 26.2 |

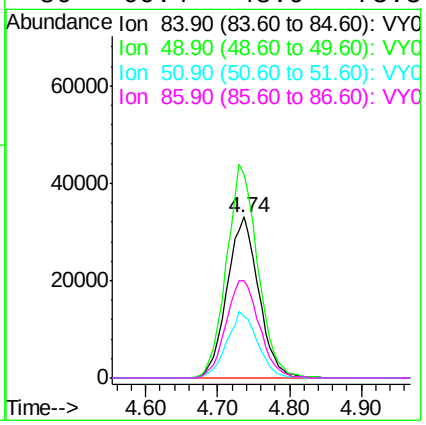


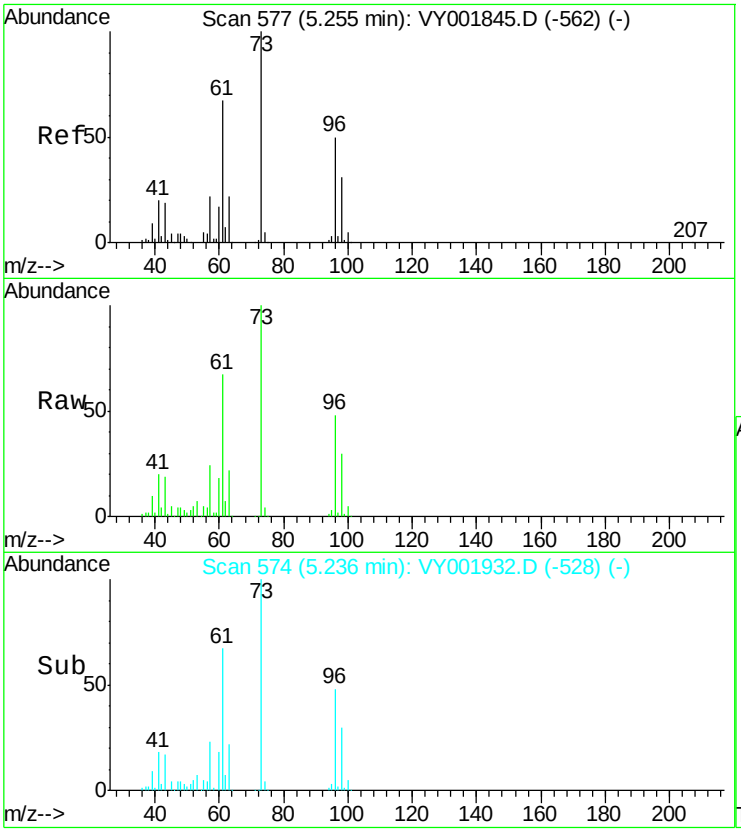




#20
Methylene Chloride
Concen: 50.127 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.02 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 84 Resp: 101299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 126.5 | 98.2 | 147.2 |
| 51 | 38.4 | 30.2 | 45.2 |
| 86 | 60.4 | 48.9 | 73.3 |



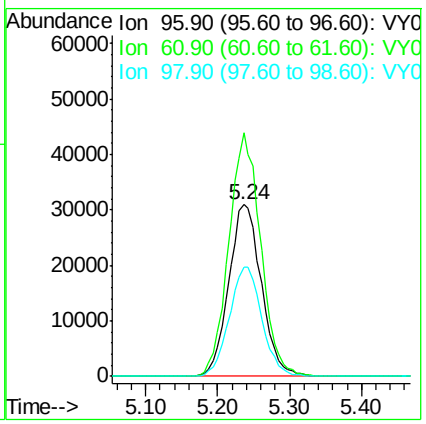


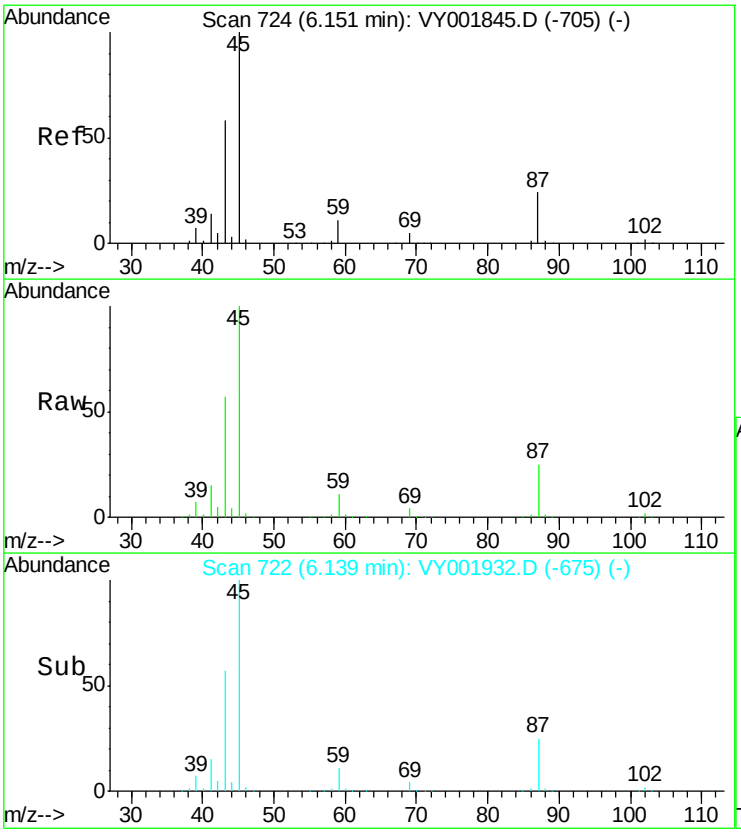

#21
trans-1,2-Dichloroethene
Concen: 50.833 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.02 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 96 Resp: 97277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 141.8 | 107.7 | 161.5 |
| 98 | 63.3 | 49.3 | 73.9 |

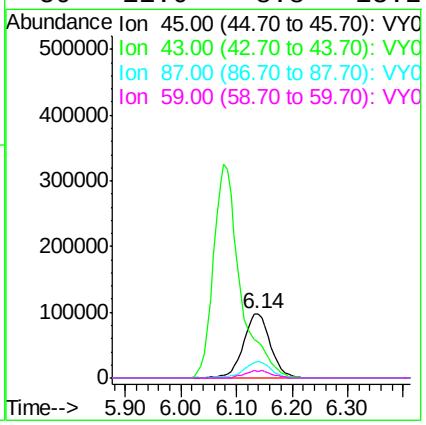


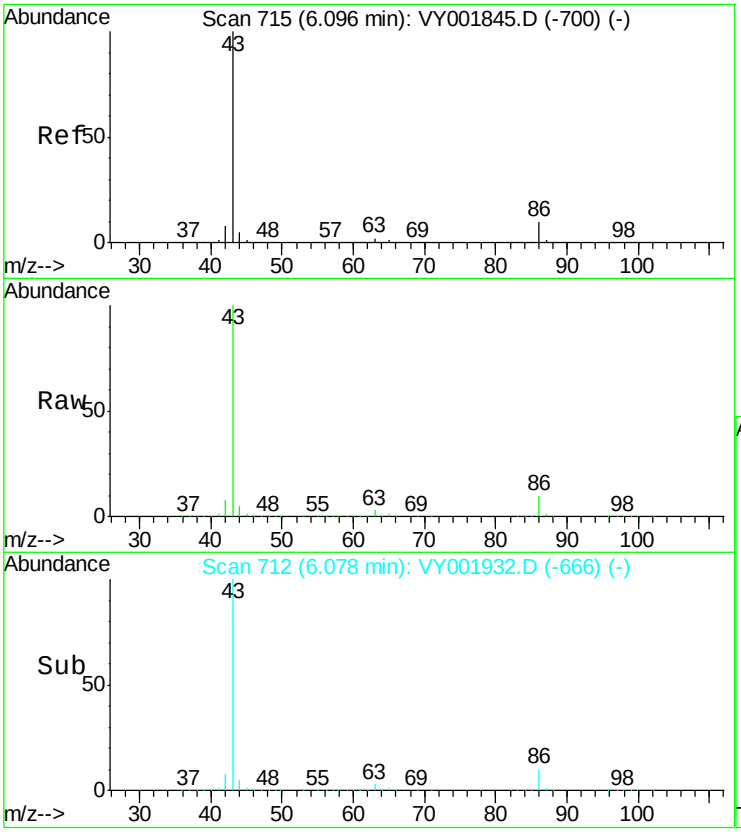




#22
Diisopropyl ether
Concen: 53.972 ug/l
RT: 6.14 min Scan# 722
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 45 Resp: 330681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 56.3 | 47.2 | 70.8 |
| 87 | 25.2 | 19.8 | 29.8 |
| 59 | 11.0 | 8.8 | 13.2 |



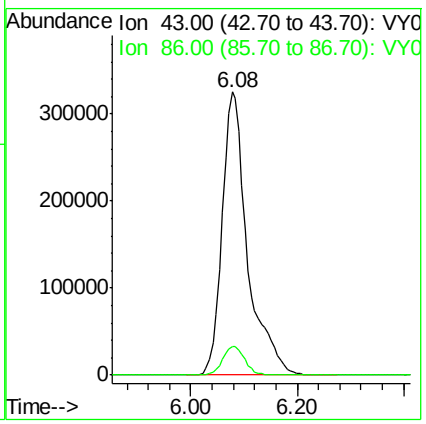


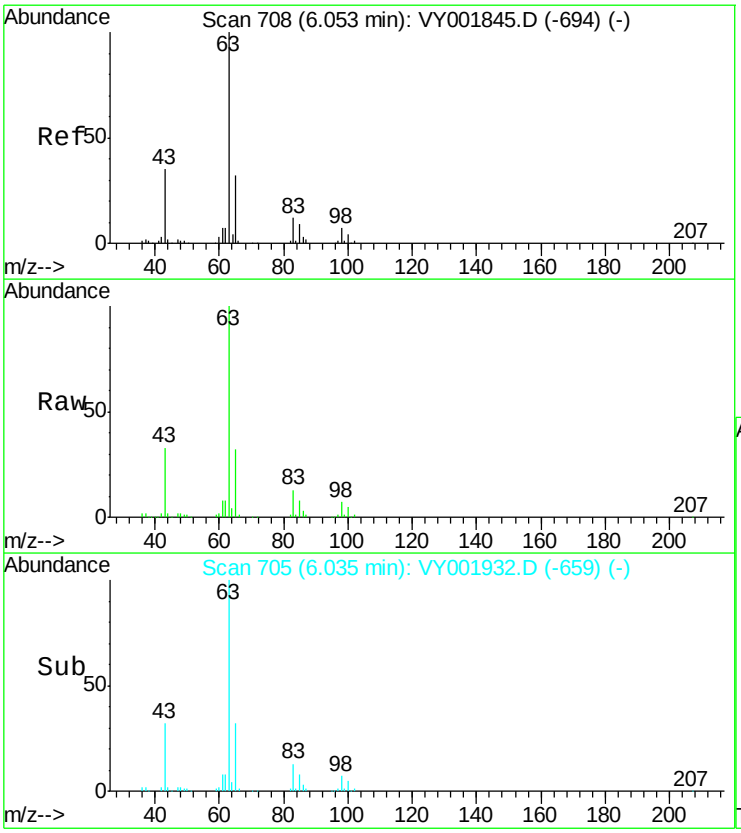

#23
Vinyl Acetate
Concen: 269.563 ug/l
RT: 6.08 min Scan# 712
Delta R.T. -0.02 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 43 Resp: 1082719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.3 | 7.8 | 11.8 |

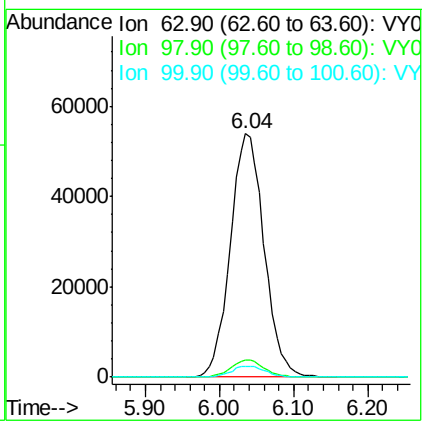


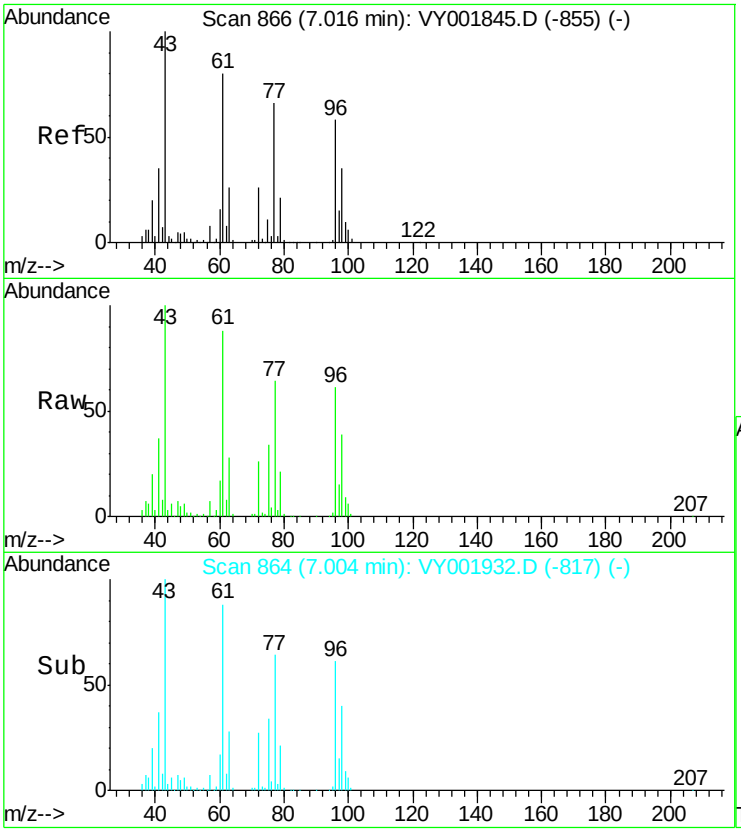




#24
1,1-Dichloroethane
Concen: 51.643 ug/l
RT: 6.04 min Scan# 705
Delta R.T. -0.02 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 63 Resp: 171346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.0 | 3.4 | 10.2 |
| 100 | 4.6 | 2.0 | 6.0 |



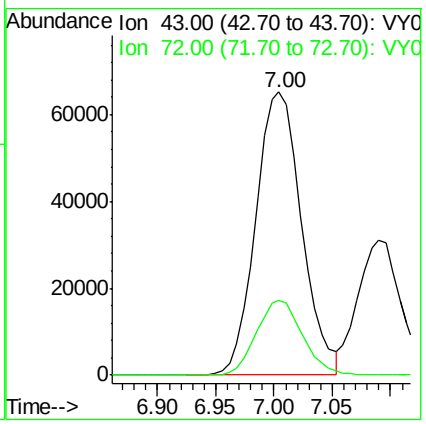


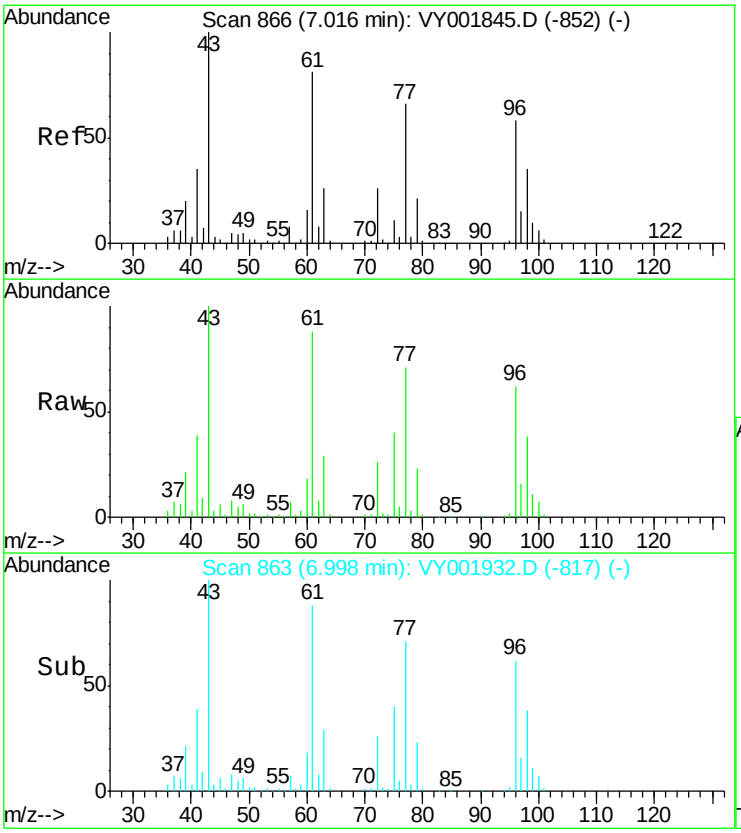

#25
2-Butanone
Concen: 248.233 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 43 Resp: 177997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.5 | 20.9 | 31.3 |

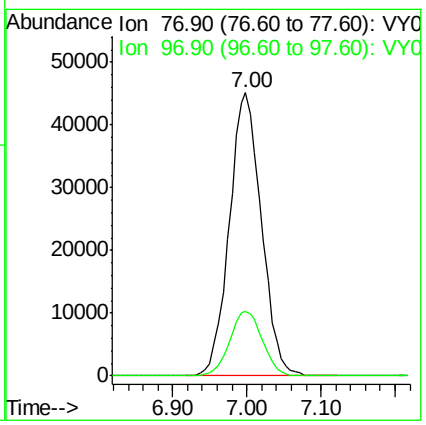


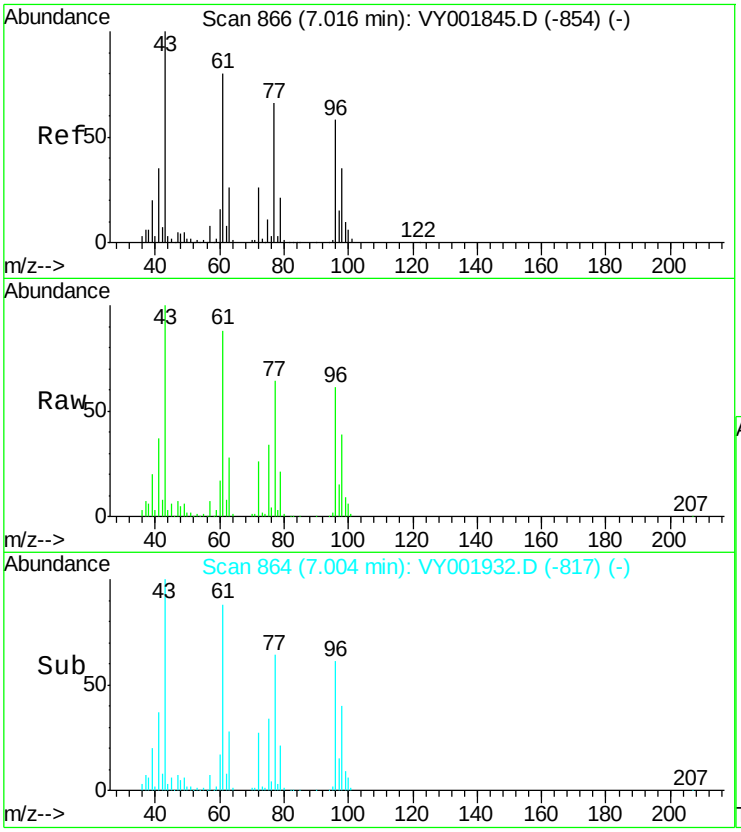




#26
2,2-Dichloropropane
Concen: 49.778 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.02 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 77 Resp: 135557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 23.4 | 11.9 | 35.7 |



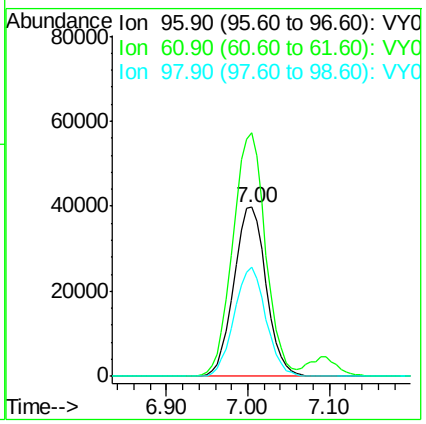


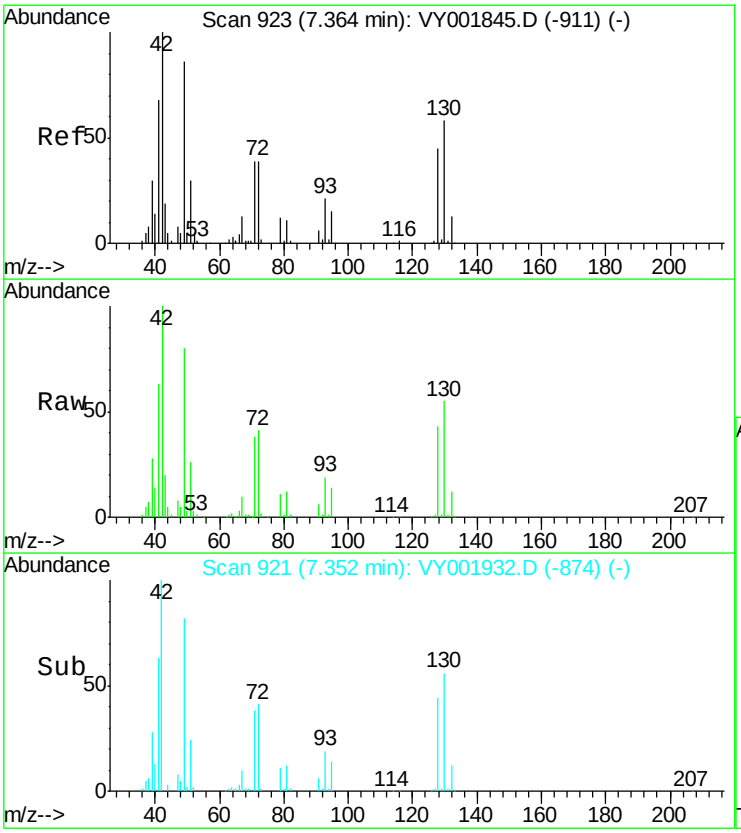

#27
cis-1,2-Dichloroethene
Concen: 52.612 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 96 Resp: 109518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 145.1 | 0.0 | 288.2 |
| 98 | 63.0 | 0.0 | 129.0 |

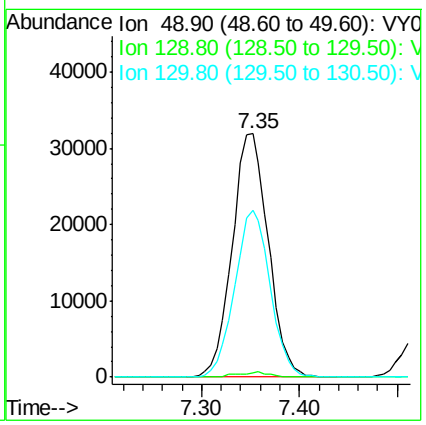


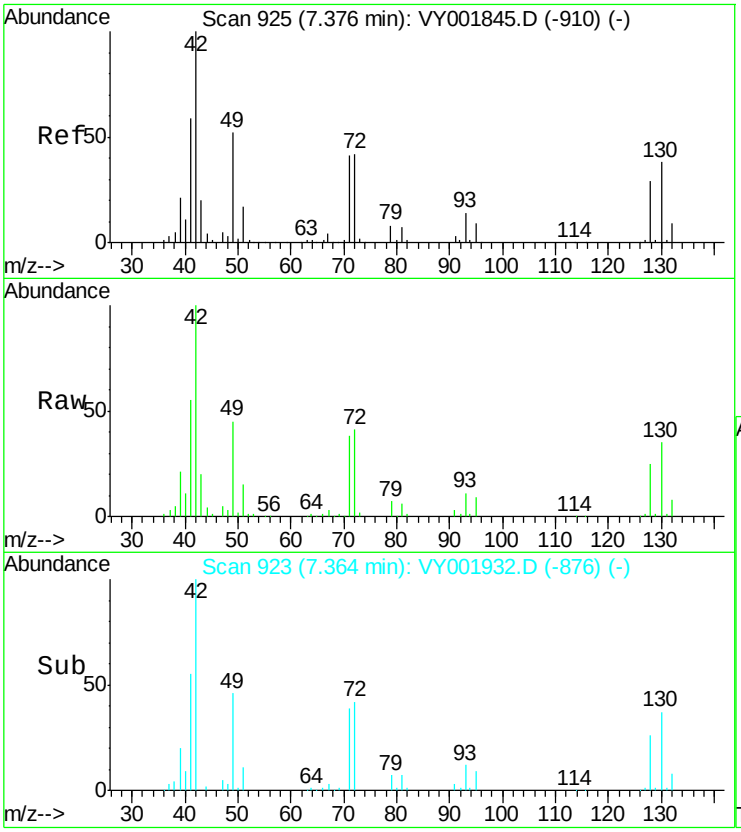




#28
Bromochloromethane
Concen: 54.584 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 49 Resp: 81631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.8 | 0.0 | 3.8 |
| 130 | 67.2 | 54.4 | 81.6 |



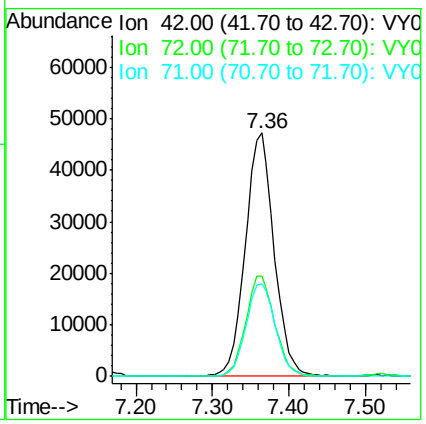


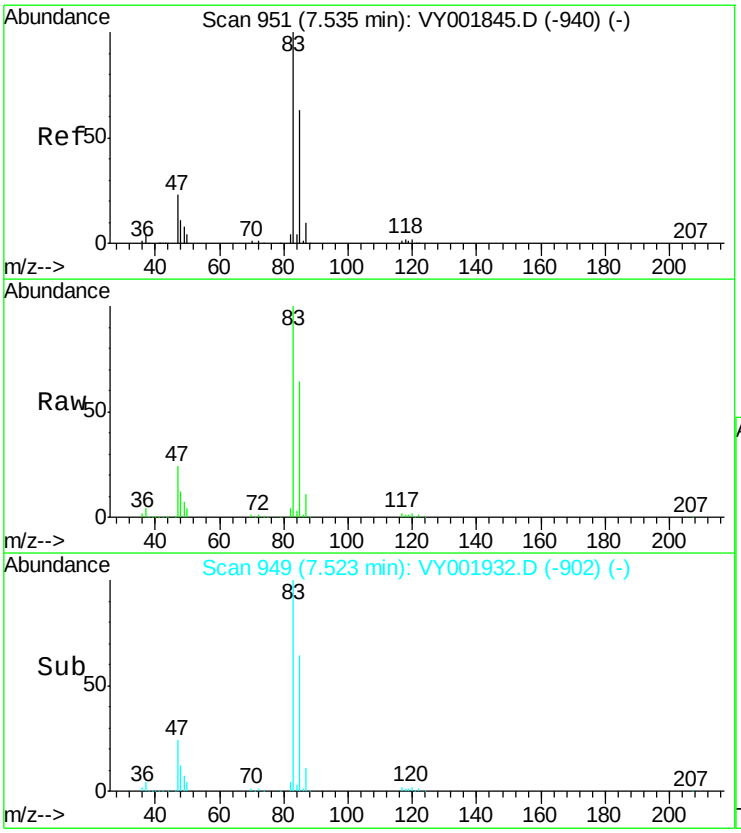

#29
Tetrahydrofuran
Concen: 259.040 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 42 Resp: 123347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 41.8 | 33.5 | 50.3 |
| 71 | 39.0 | 31.3 | 46.9 |

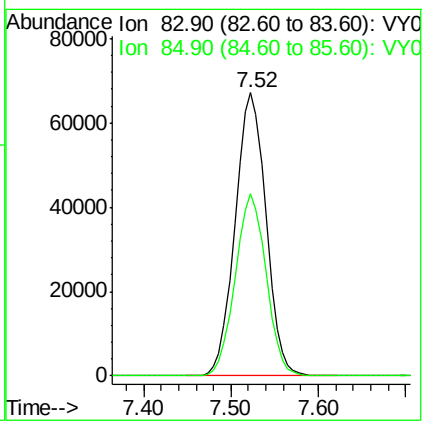


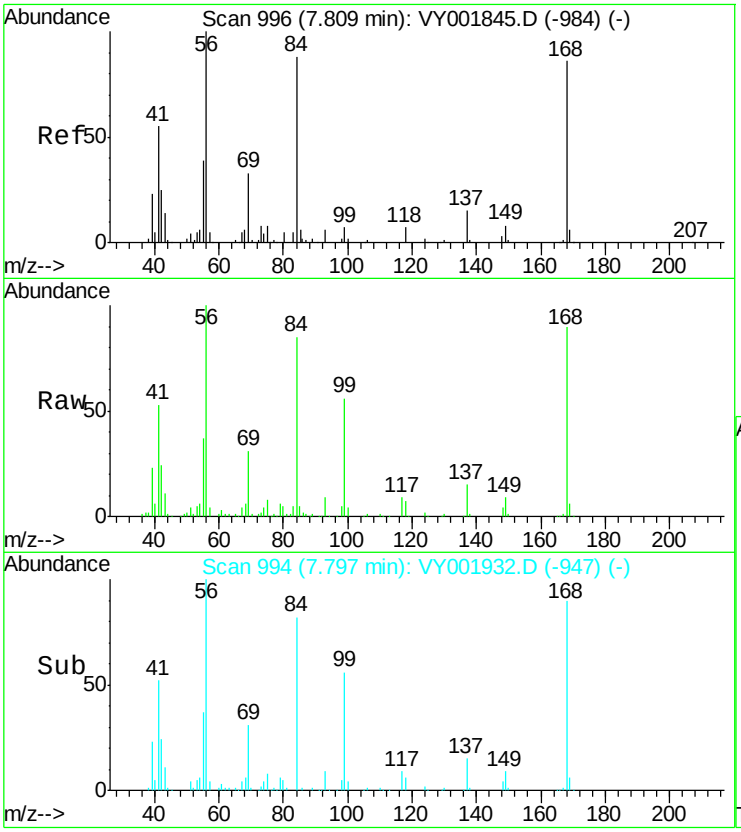




#30
Chloroform
Concen: 52.736 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 83 Resp: 164390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.3 | 50.7 | 76.1 |



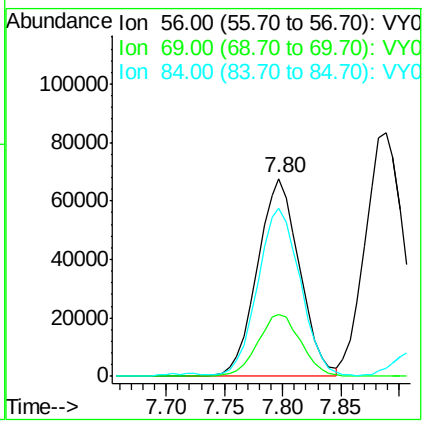


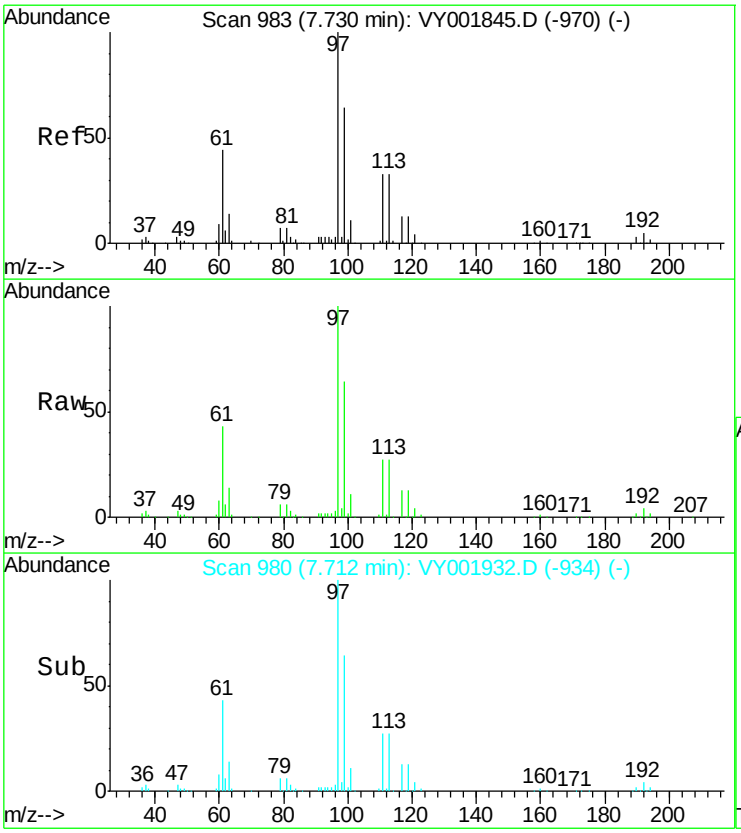

#31
Cyclohexane
Concen: 47.792 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 56 Resp: 170020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.5 | 26.7 | 40.1 |
| 84 | 83.3 | 70.4 | 105.6 |

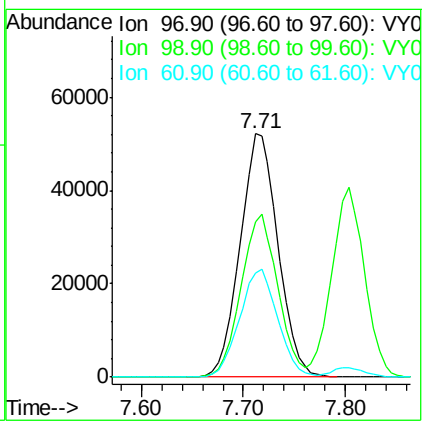


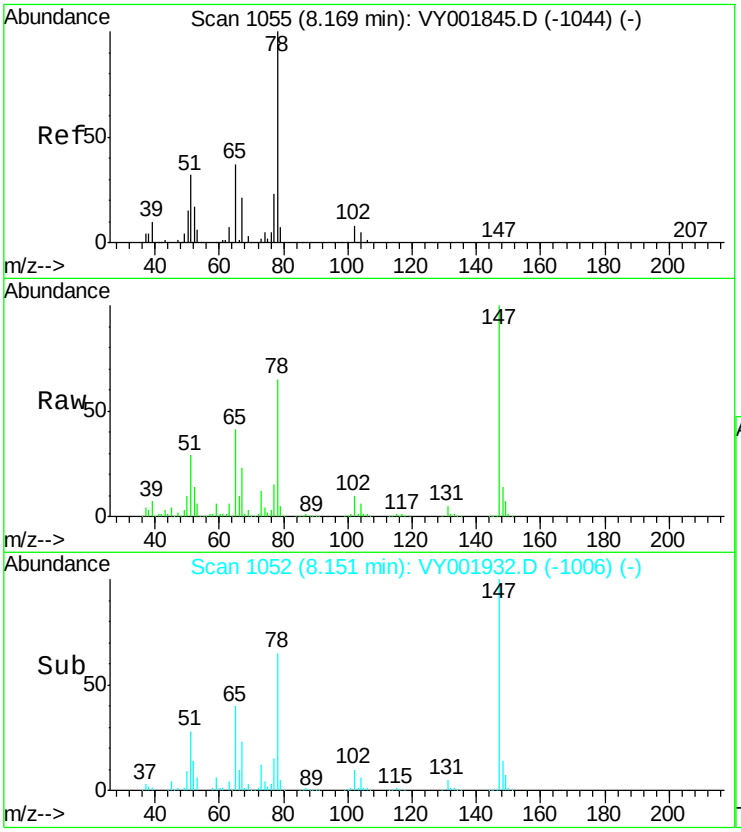




#32
1,1,1-Trichloroethane
Concen: 51.271 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.02 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 97 Resp: 134707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 65.0 | 52.0 | 78.0 |
| 61 | 44.7 | 35.0 | 52.4 |



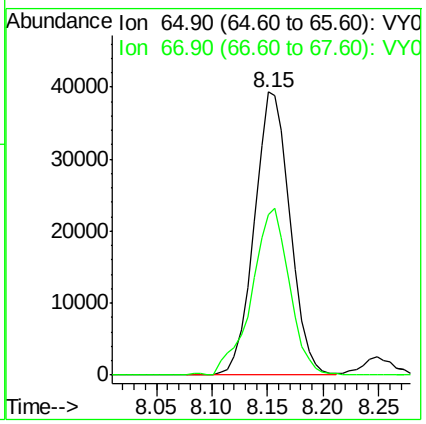


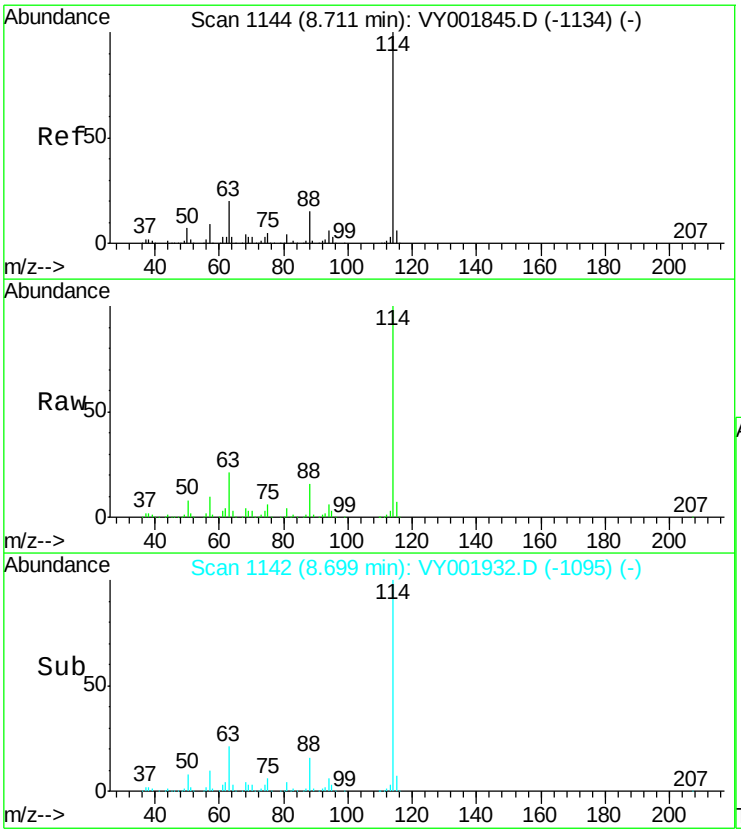

#33
1,2-Dichloroethane-d4
Concen: 54.128 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.02 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 65 Resp: 87628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 62.1 | 0.0 | 110.8 |

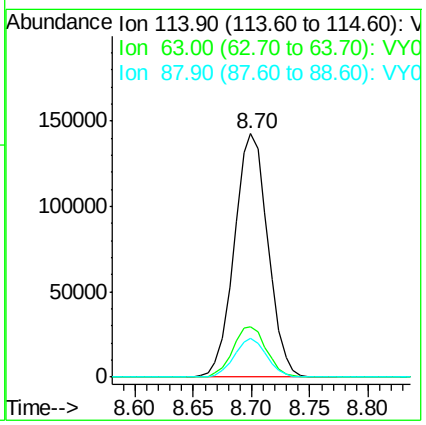


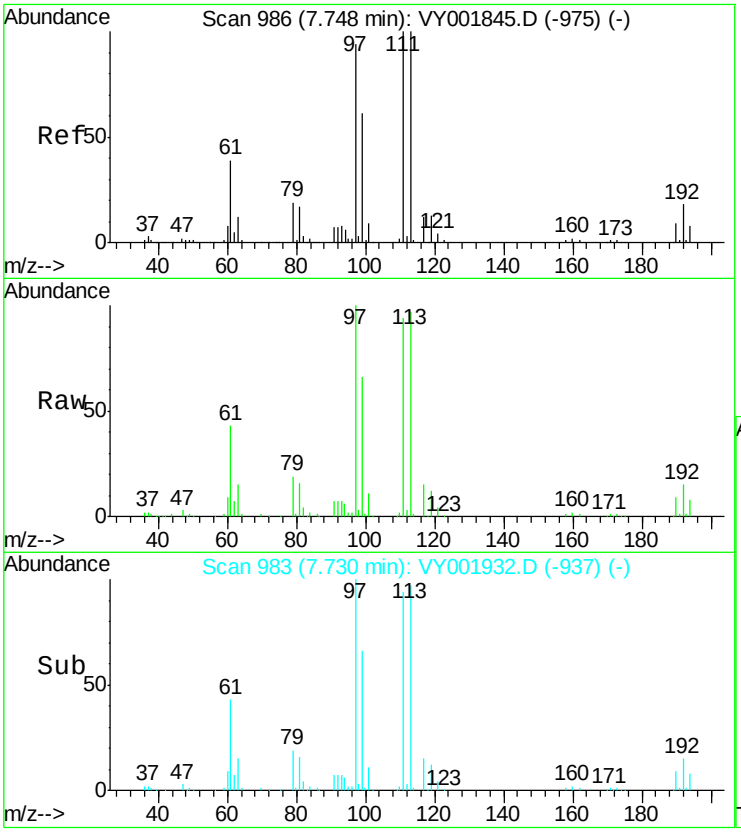




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion:114 Resp: 286487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.8 | 0.0 | 39.4 |
| 88 | 15.7 | 0.0 | 30.4 |



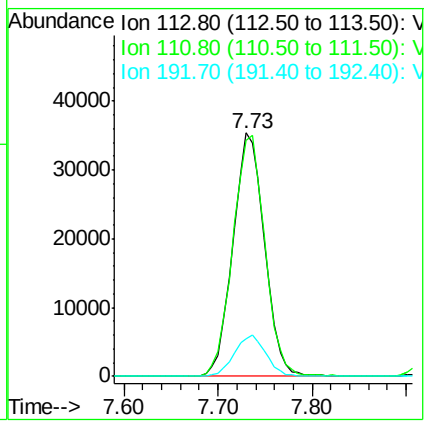


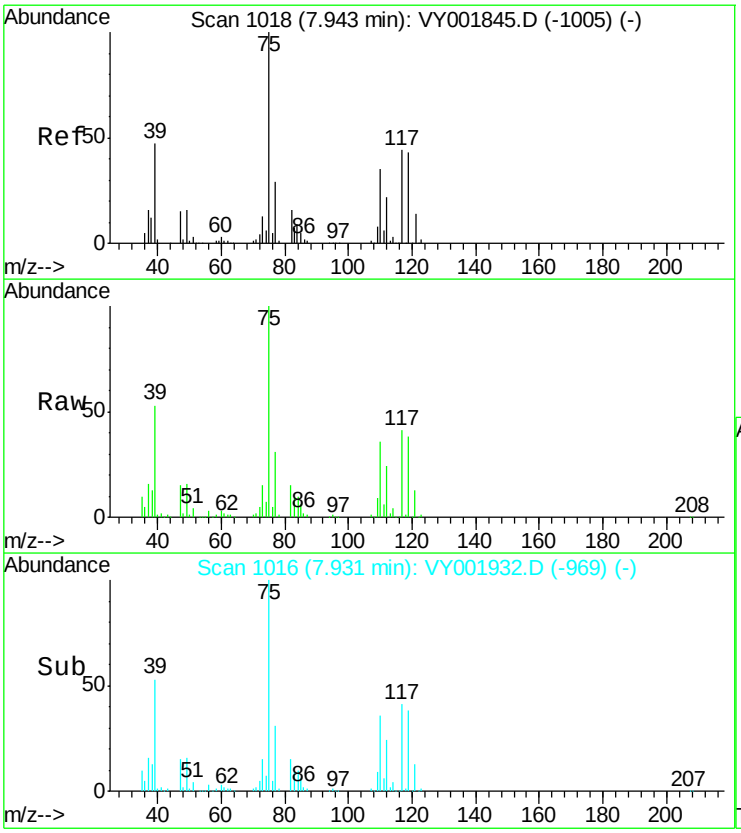

#35
Dibromofluoromethane
Concen: 52.789 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.02 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion:113 Resp: 82581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 100.8 | 81.8 | 122.8 |
| 192 | 16.9 | 14.2 | 21.2 |

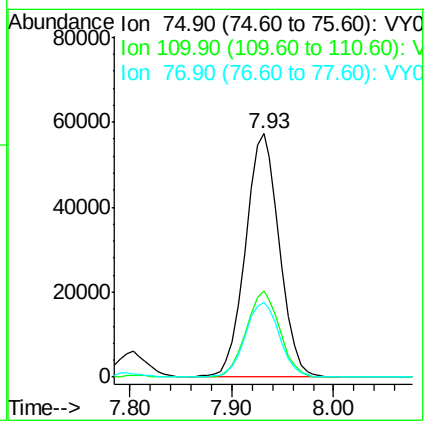


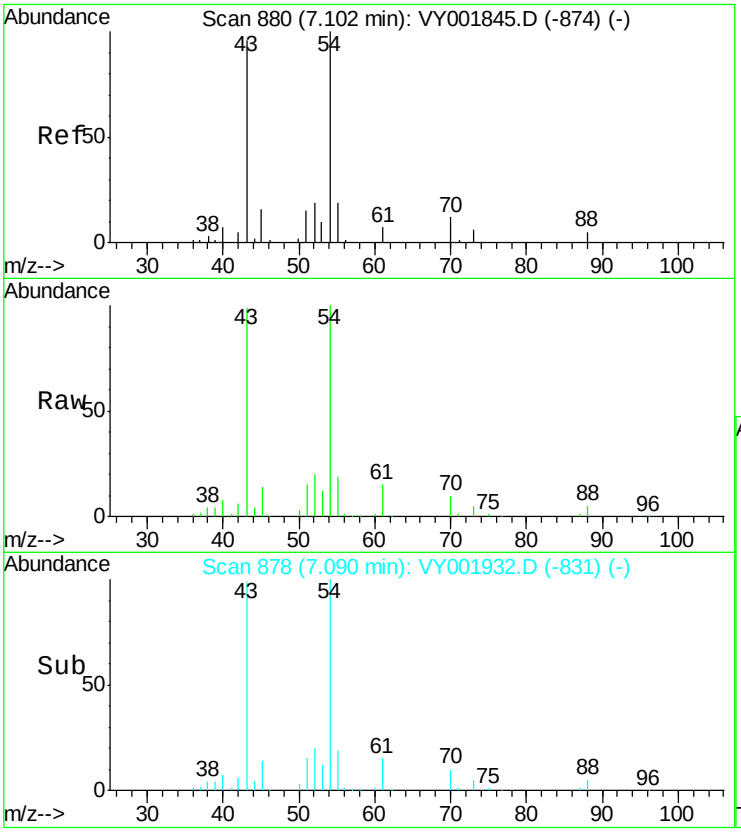




#36
1,1-Dichloropropene
Concen: 47.904 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 75 Resp: 132065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.0 | 17.4 | 52.2 |
| 77 | 31.5 | 24.2 | 36.2 |



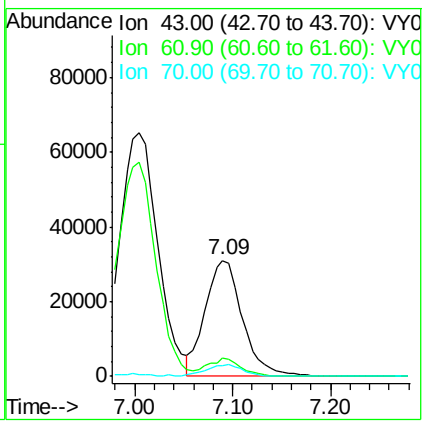


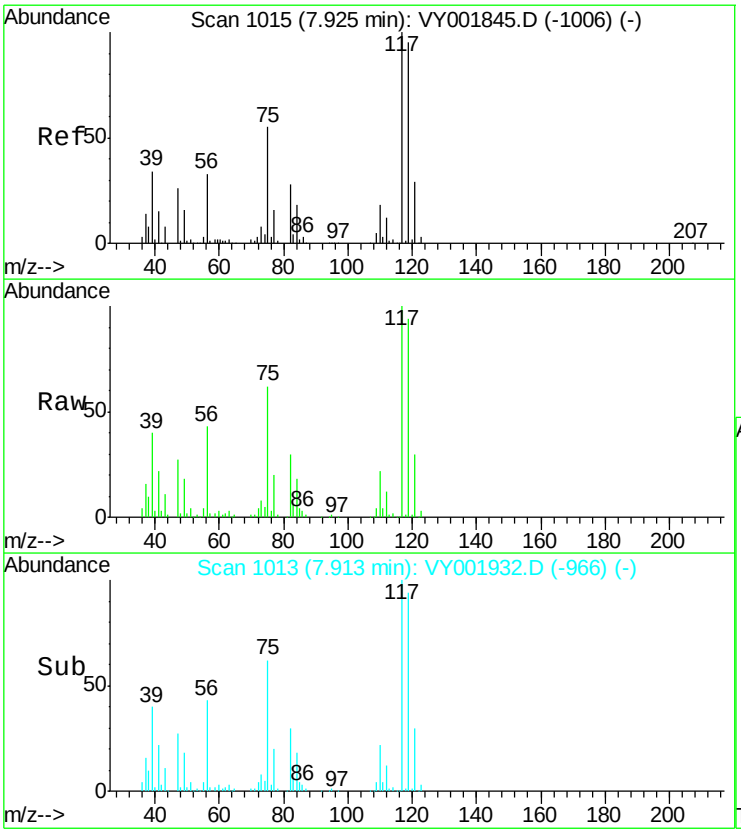

#37
Ethyl Acetate
Concen: 50.944 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 43 Resp: 81627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.0 | 11.1 | 16.7 |
| 70 | 10.2 | 8.2 | 12.4 |

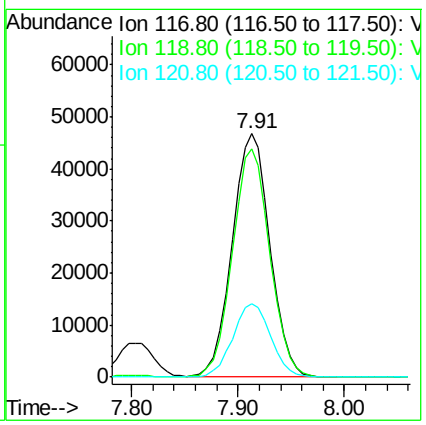


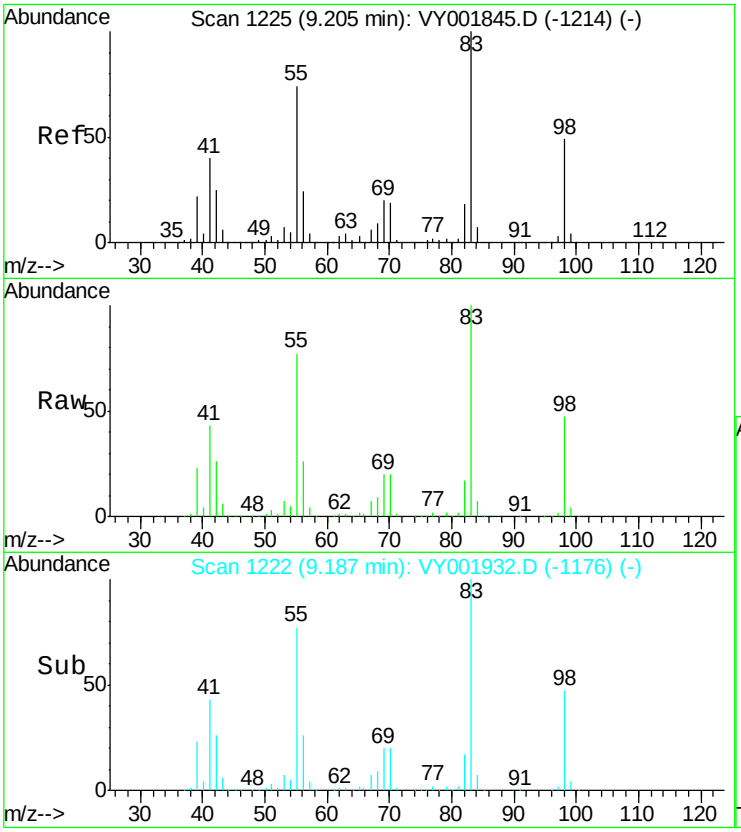




#38
Carbon Tetrachloride
Concen: 49.216 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion:117 Resp: 115908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.6 | 76.3 | 114.5 |
| 121 | 29.9 | 23.5 | 35.3 |



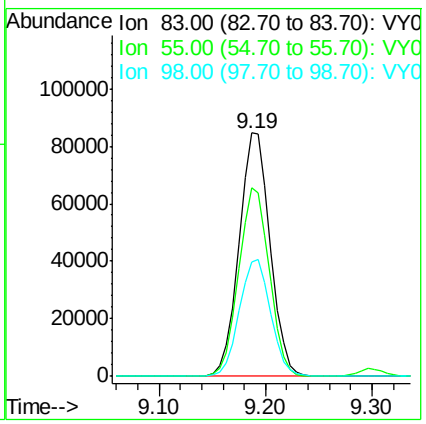


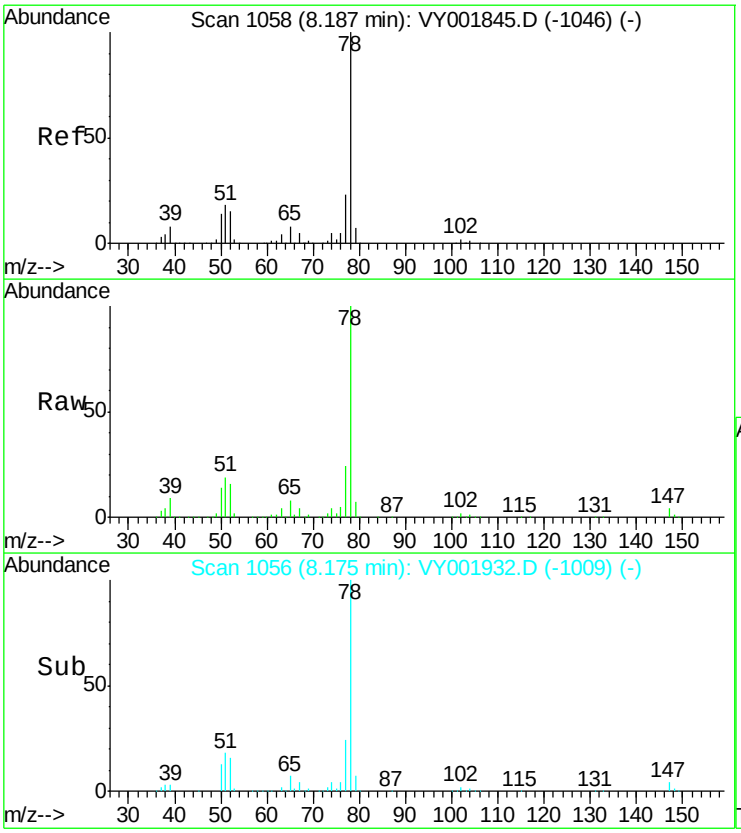

#39
Methylcyclohexane
Concen: 47.427 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.02 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 83 Resp: 173419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 77.2 | 59.4 | 89.0 |
| 98 | 46.7 | 38.9 | 58.3 |

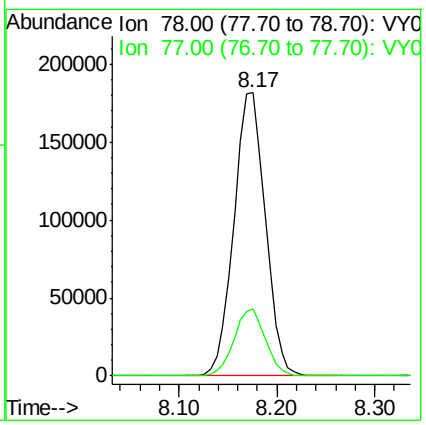


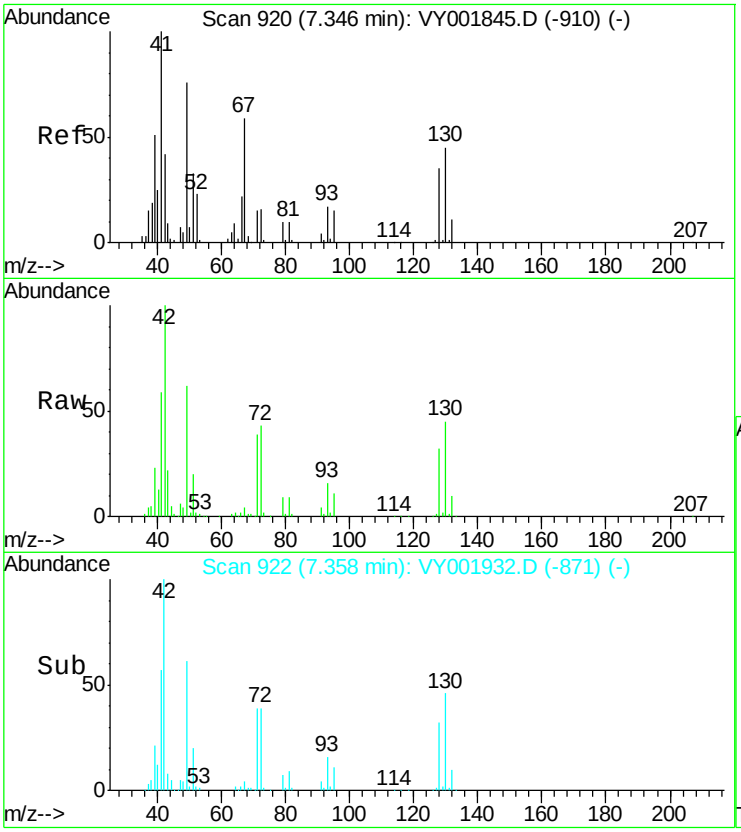




#40
Benzene
Concen: 49.681 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 78 Resp: 405960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.8 | 18.7 | 28.1 |



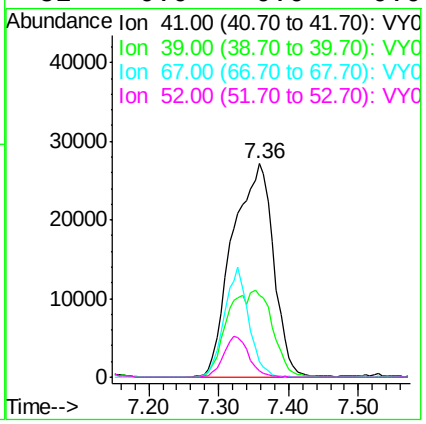


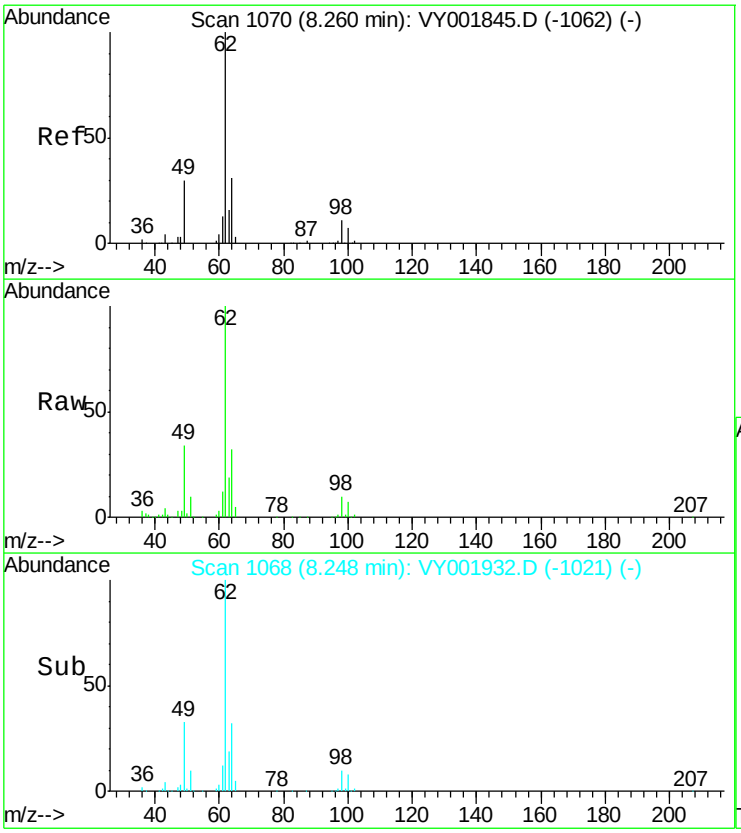

#41
Methacrylonitrile
Concen: 153.647 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 41 Resp: 110794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 0.0 | 111.7 | 167.5# |
| 67 | 0.0 | 0.0 | 0.0 |
| 52 | 0.0 | 0.0 | 0.0 |

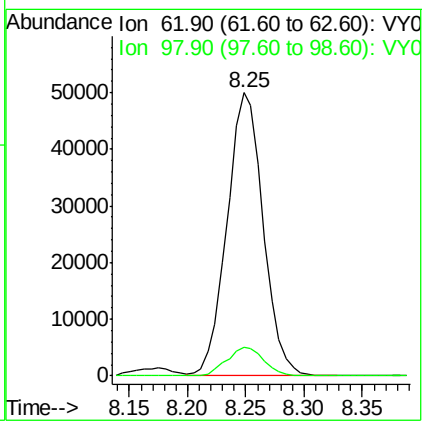


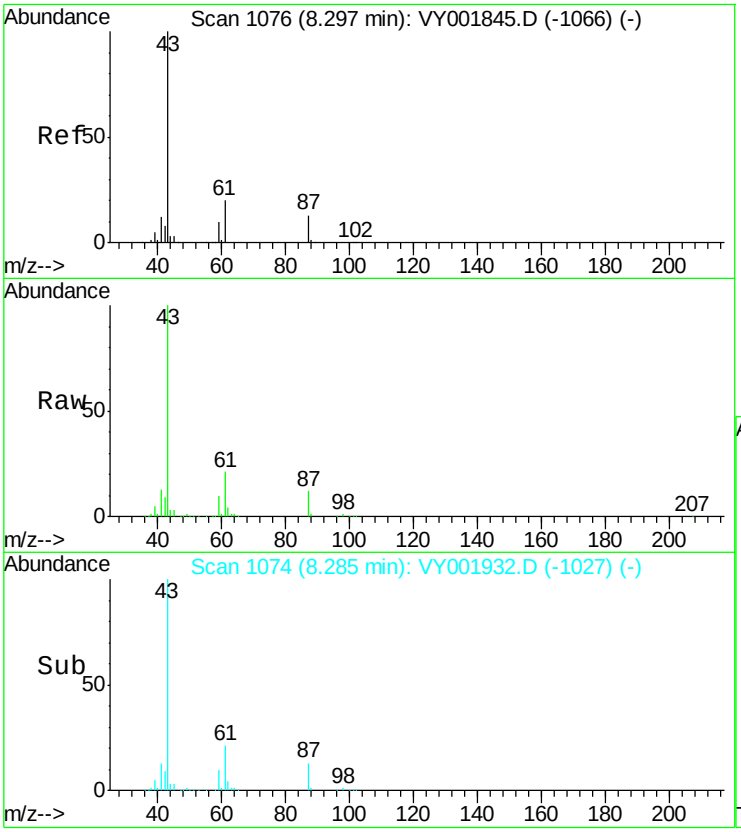




#42
1,2-Dichloroethane
Concen: 51.206 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 62 Resp: 107821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.4 | 0.0 | 21.4 |



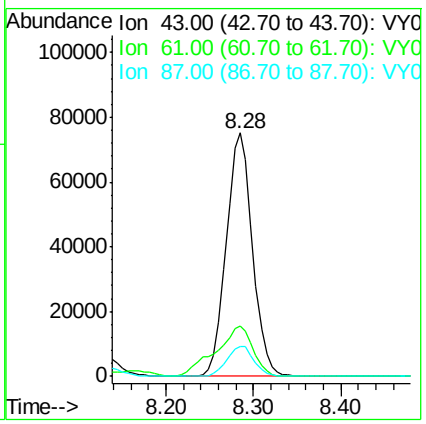


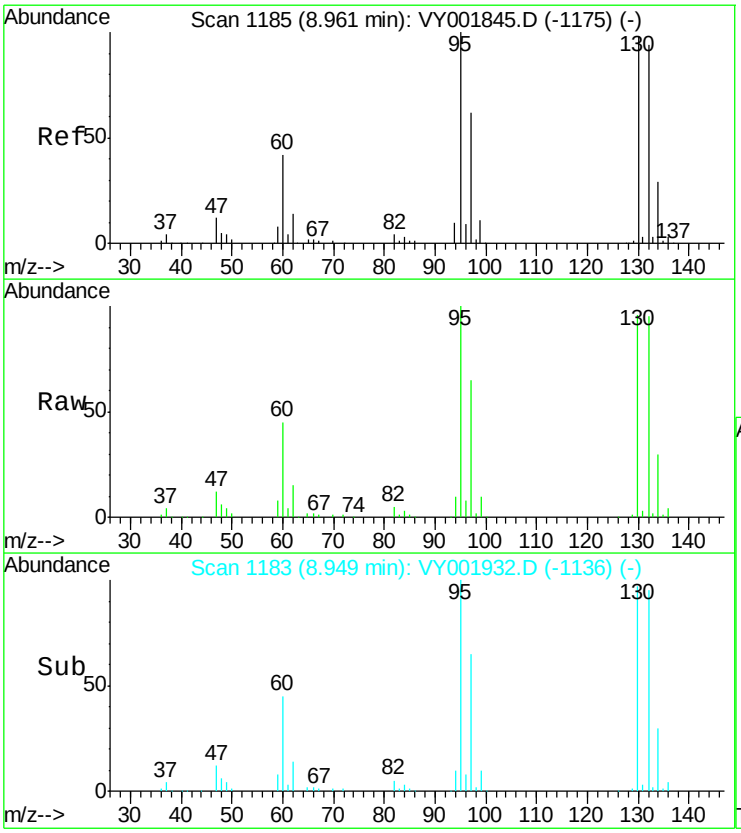

#43
Isopropyl Acetate
Concen: 51.520 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 43 Resp: 156292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 29.2 | 23.8 | 35.6 |
| 87 | 13.0 | 10.9 | 16.3 |

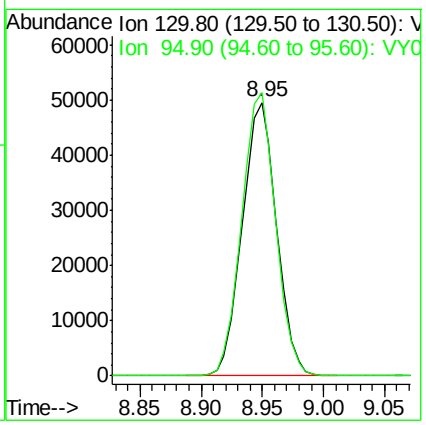


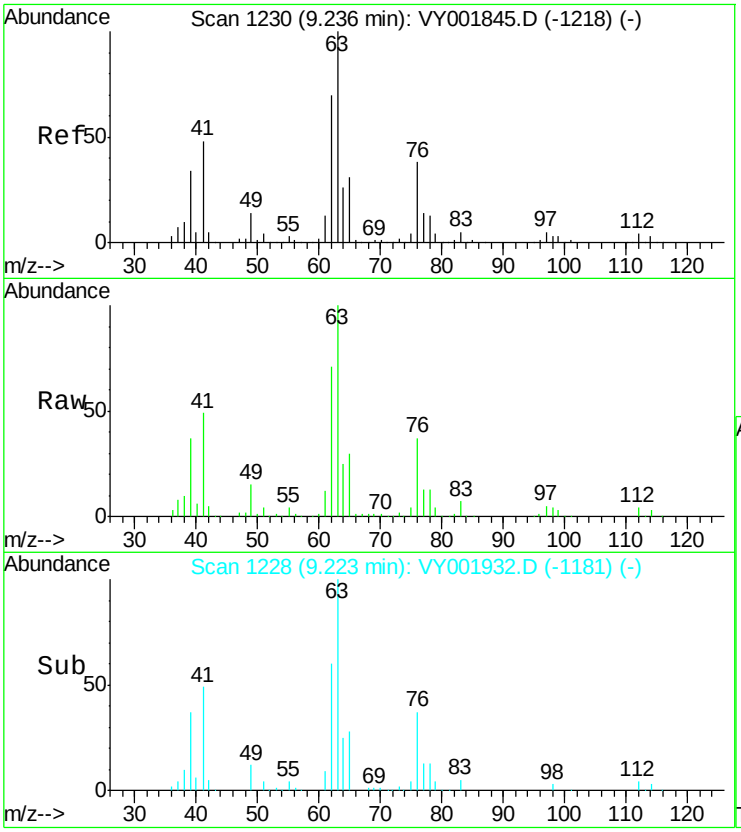




#44
Trichloroethene
Concen: 48.515 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion:130 Resp: 96548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 103.6 | 0.0 | 204.6 |



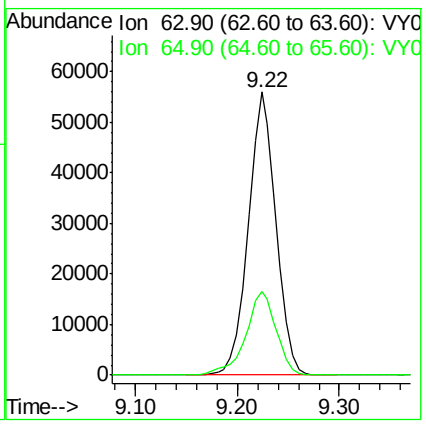


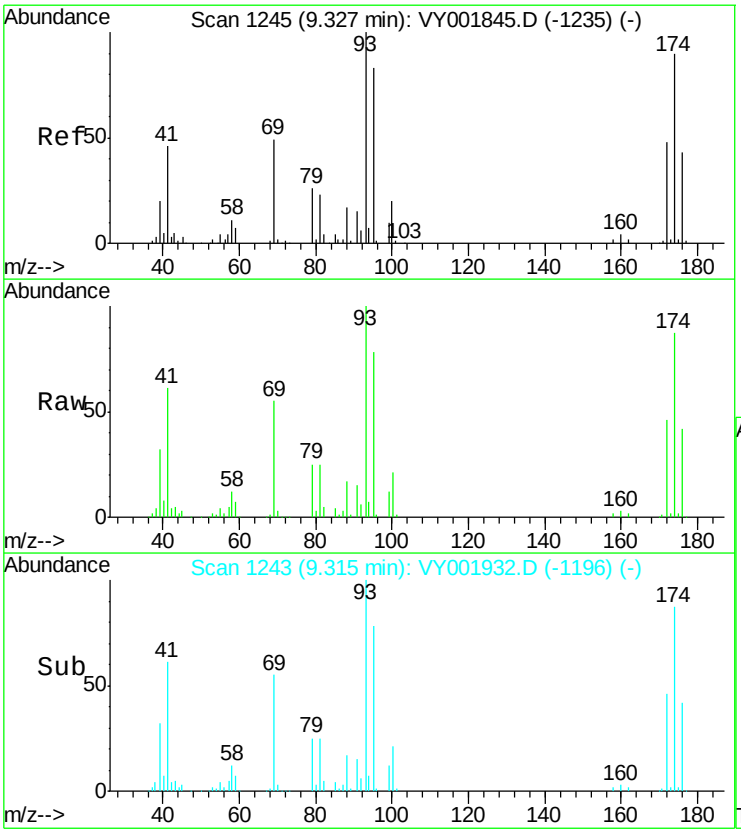

#45
1,2-Dichloropropane
Concen: 51.354 ug/l
RT: 9.22 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 63 Resp: 105488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 29.8 | 24.9 | 37.3 |

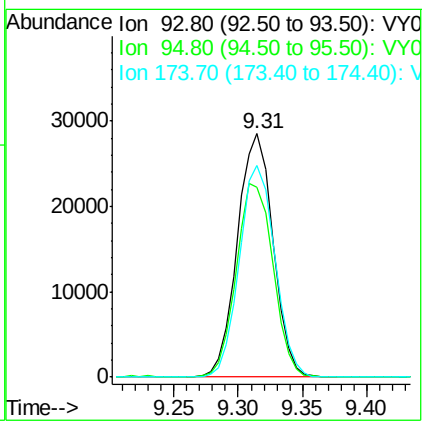


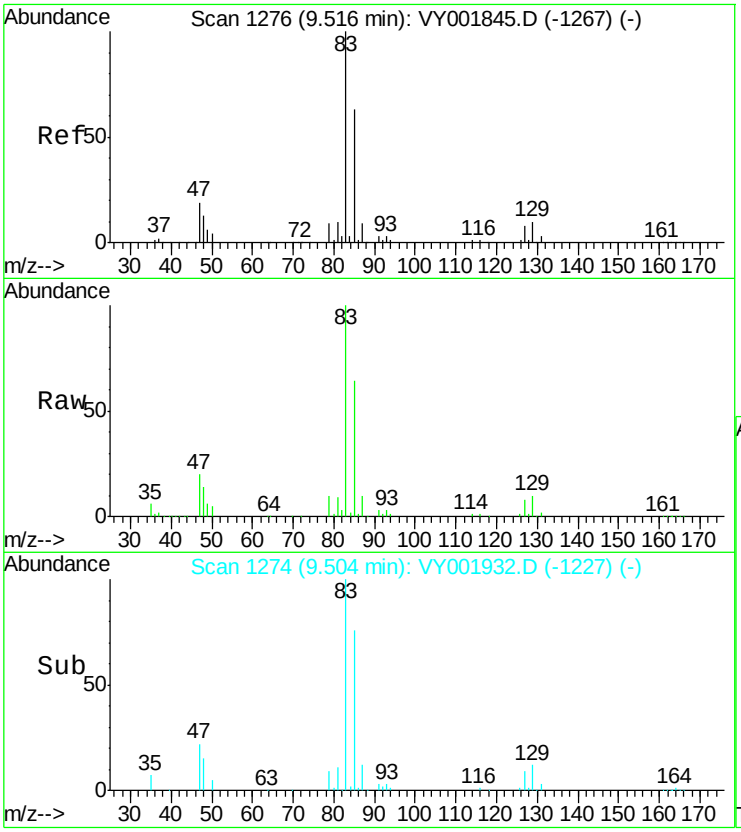




#46
Dibromomethane
Concen: 51.576 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 93 Resp: 54596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.0 | 67.0 | 100.4 |
| 174 | 86.5 | 71.8 | 107.8 |



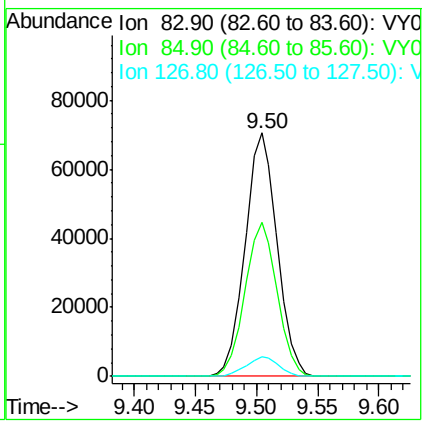


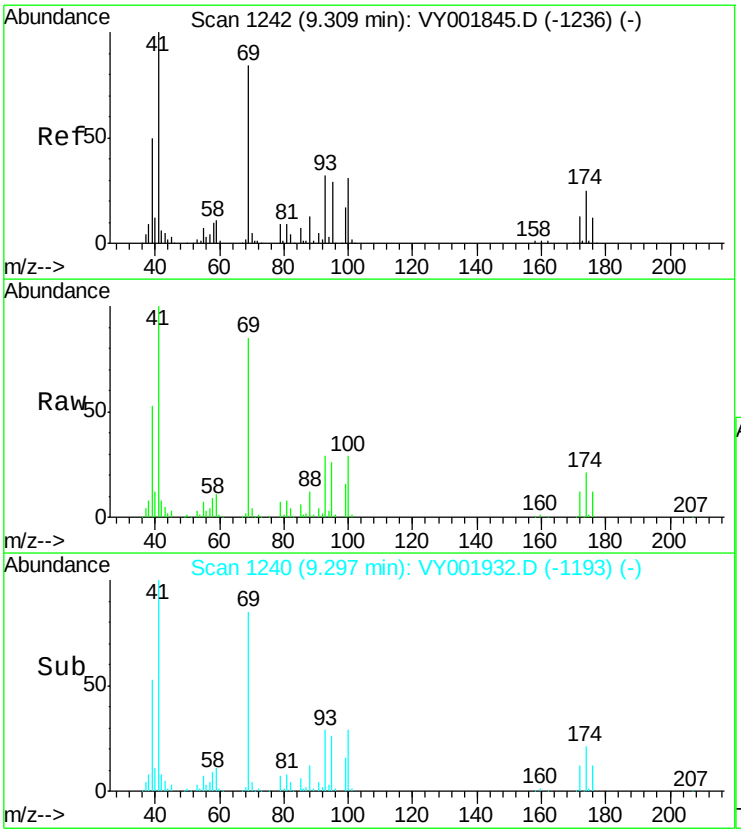

#47
Bromodichloromethane
Concen: 52.131 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 83 Resp: 128368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.5 | 50.6 | 76.0 |
| 127 | 7.8 | 6.2 | 9.4 |

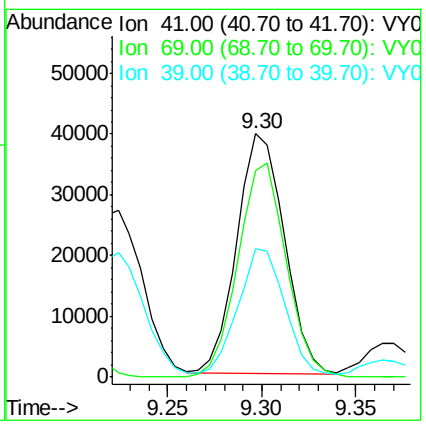


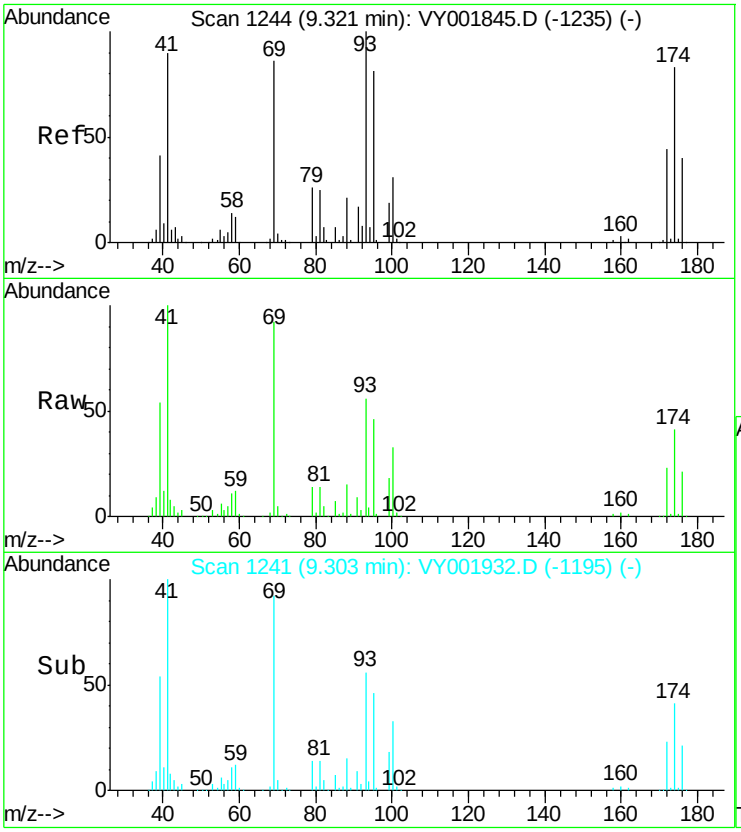




#48
Methyl methacrylate
Concen: 51.470 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 41 Resp: 69284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 90.6 | 69.0 | 103.6 |
| 39 | 53.9 | 39.1 | 58.7 |



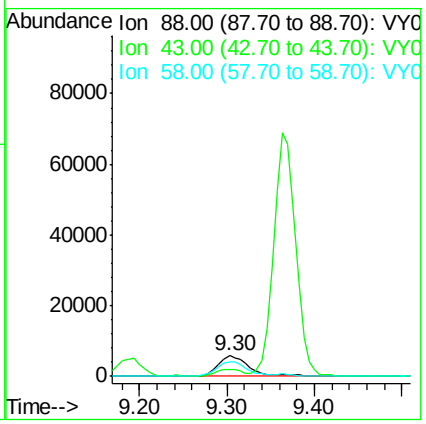


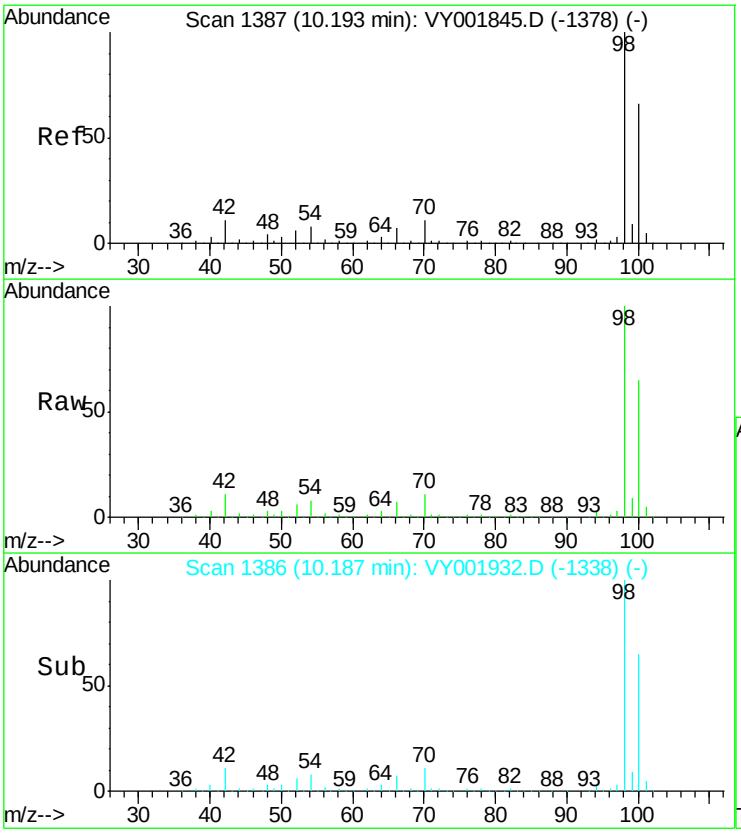

#49
1,4-Dioxane
Concen: 997.605 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.02 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 88 Resp: 14470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 31.3 | 25.0 | 37.6 |
| 58 | 69.1 | 58.9 | 88.3 |

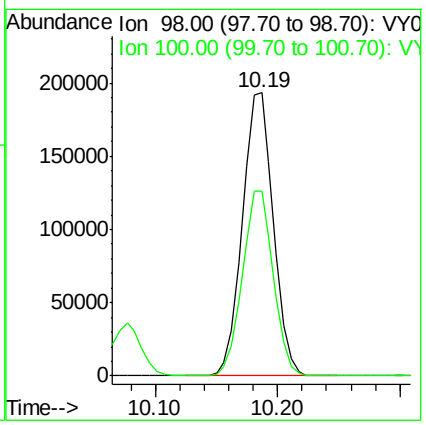


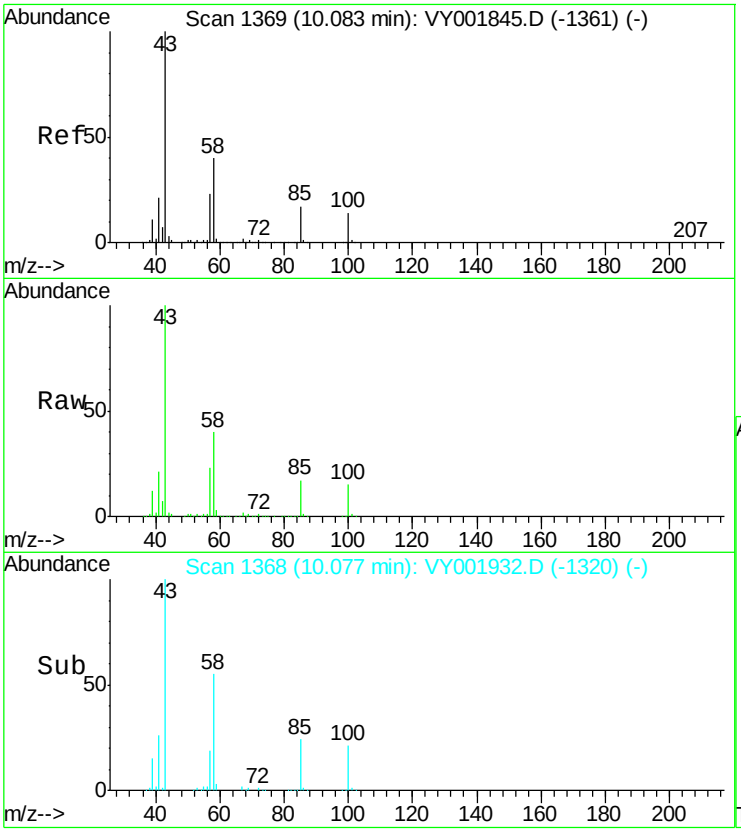




#50
Toluene-d8
Concen: 51.365 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 98 Resp: 338832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.4 | 53.0 | 79.4 |



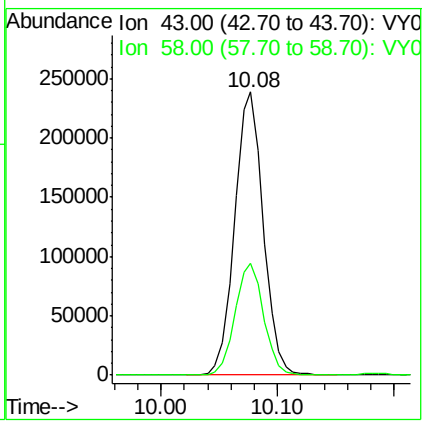


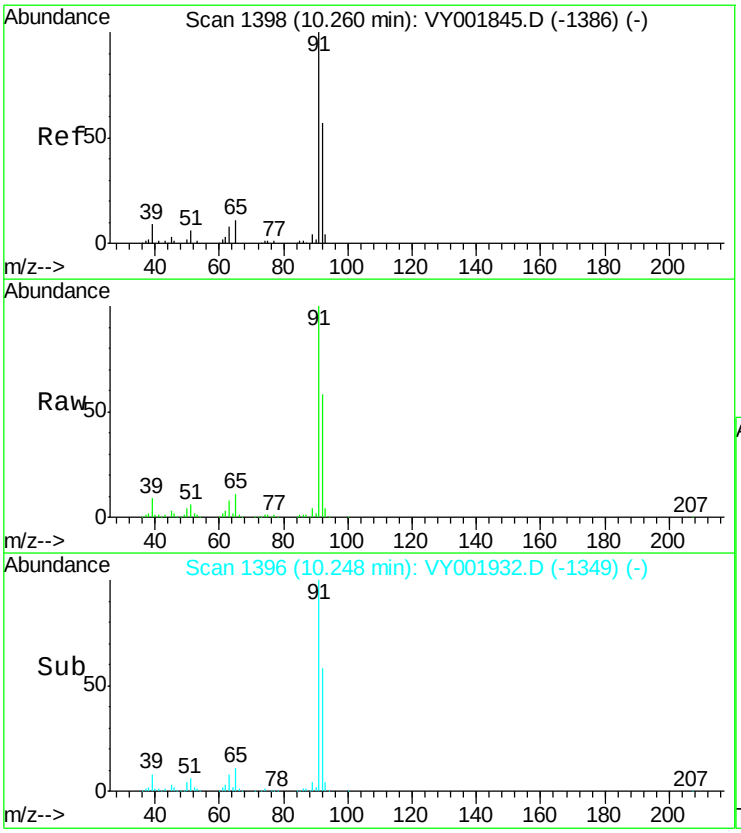

#51
4-Methyl-2-Pentanone
Concen: 260.906 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 43 Resp: 407671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.5 | 32.0 | 48.0 |

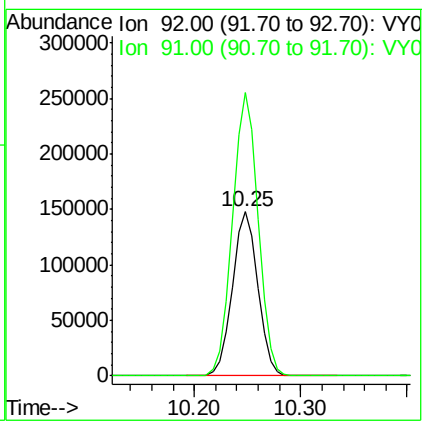


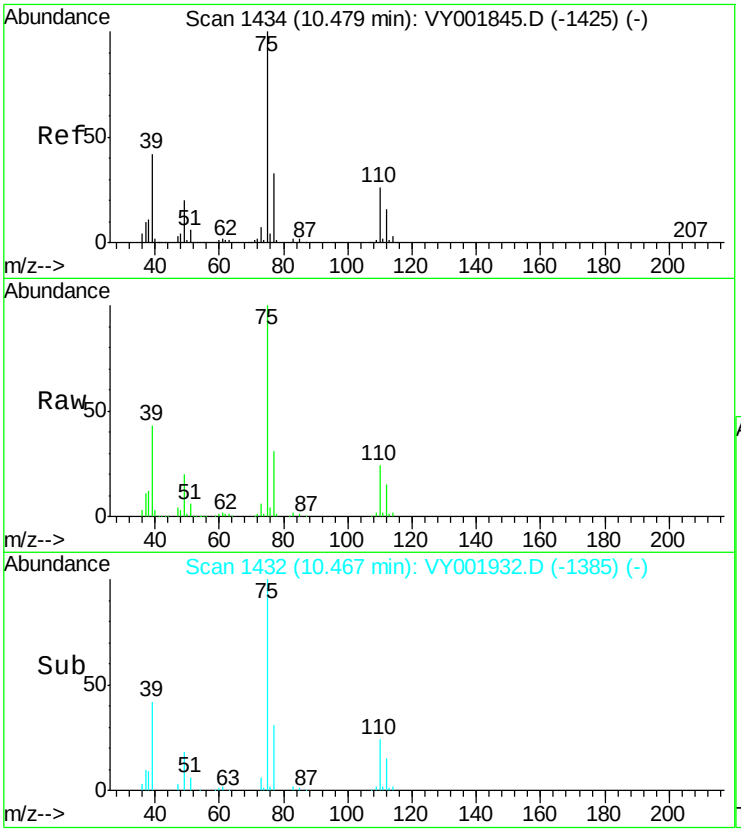




#52
Toluene
Concen: 49.930 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 92 Resp: 247848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 173.5 | 138.6 | 208.0 |



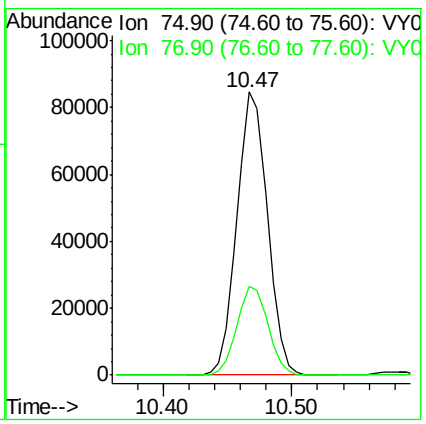


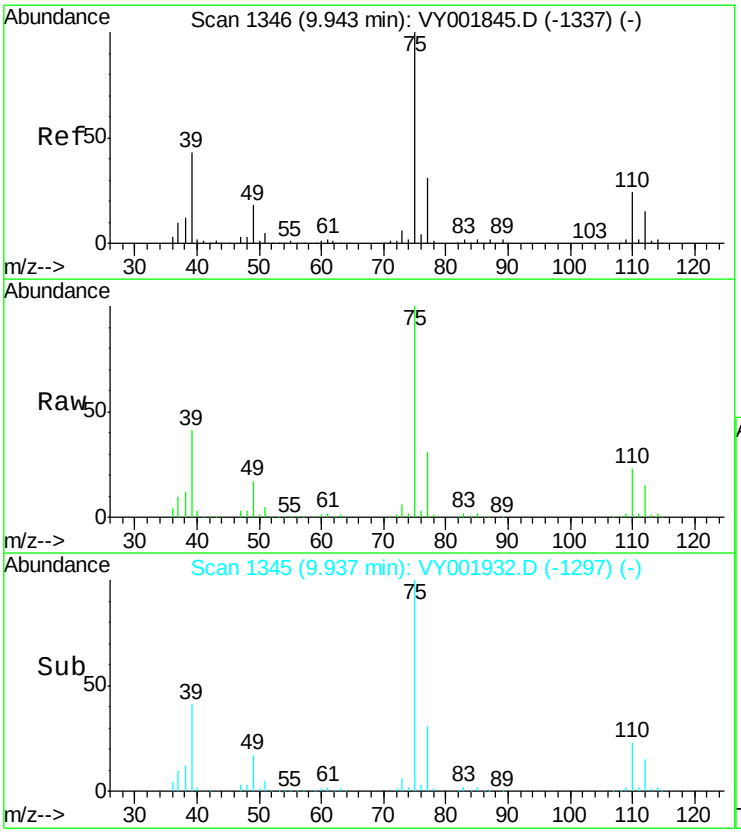

#53
t-1,3-Dichloropropene
Concen: 51.845 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 75 Resp: 139086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.3 | 26.3 | 39.5 |

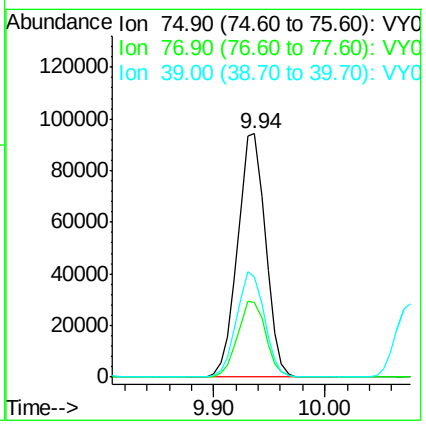


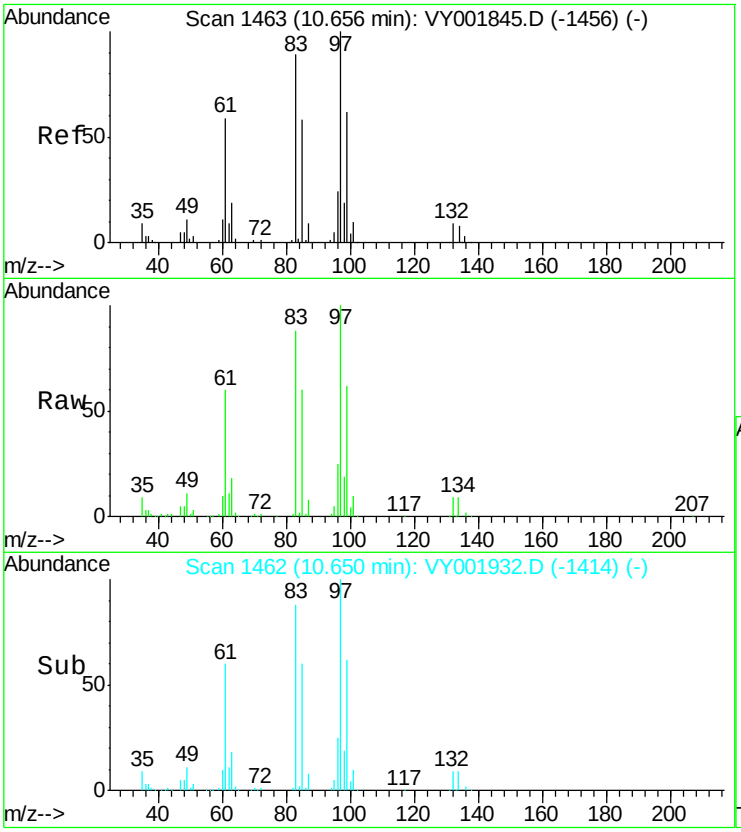




#54
cis-1,3-Dichloropropene
Concen: 51.552 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 75 Resp: 164640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.6 | 25.1 | 37.7 |
| 39 | 41.0 | 34.7 | 52.1 |



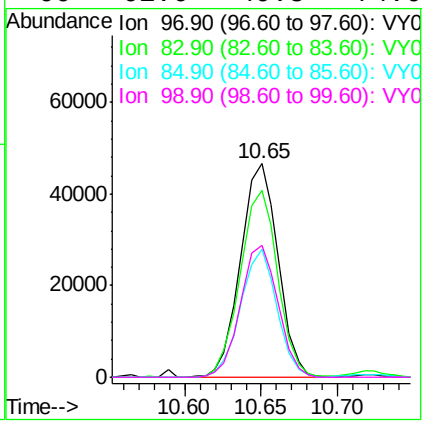


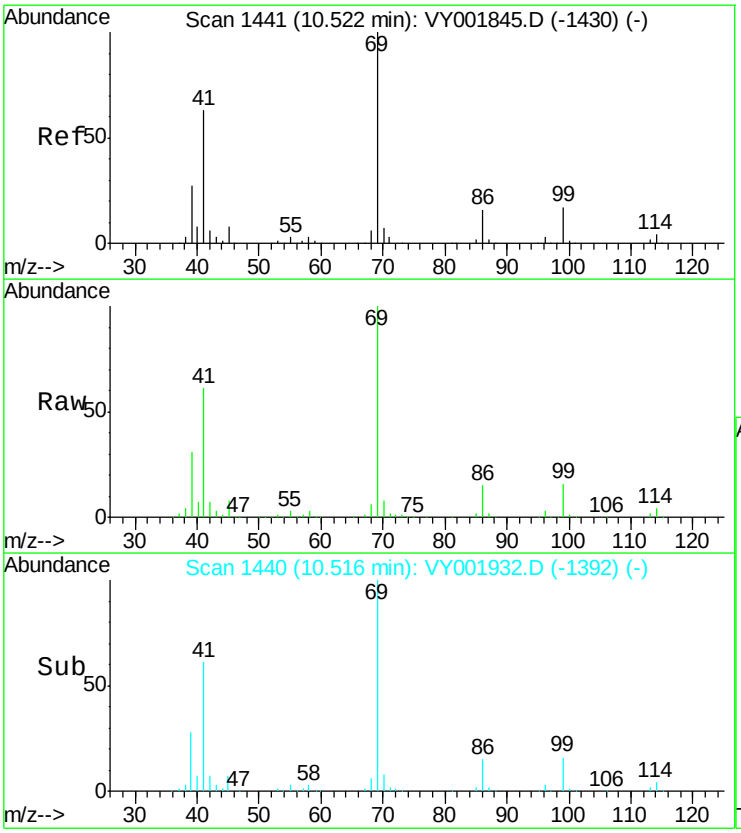

#55
1,1,2-Trichloroethane
Concen: 51.196 ug/l
RT: 10.65 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 97 Resp: 79312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 87.7 | 71.6 | 107.4 |
| 85 | 60.1 | 46.6 | 69.8 |
| 99 | 61.6 | 49.8 | 74.6 |

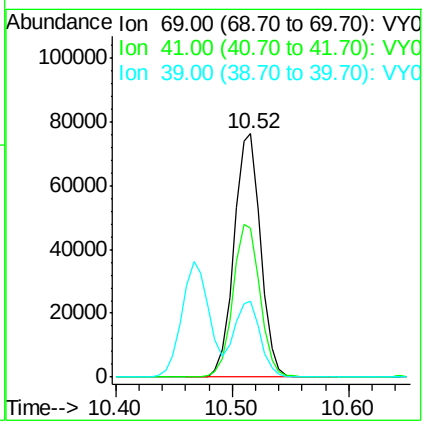


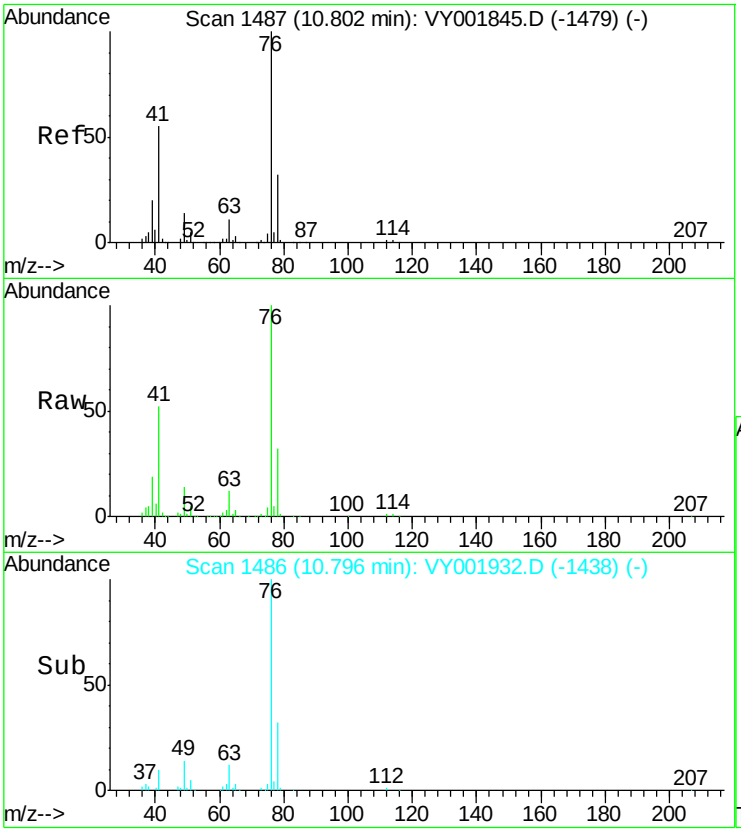




#56
Ethyl methacrylate
Concen: 53.459 ug/l
RT: 10.52 min Scan# 1440
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 69 Resp: 121390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 63.1 | 49.9 | 74.9 |
| 39 | 30.6 | 23.0 | 34.6 |



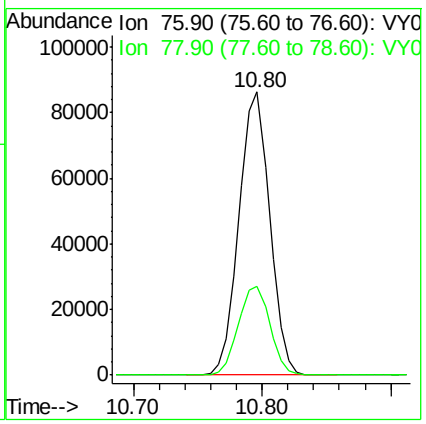


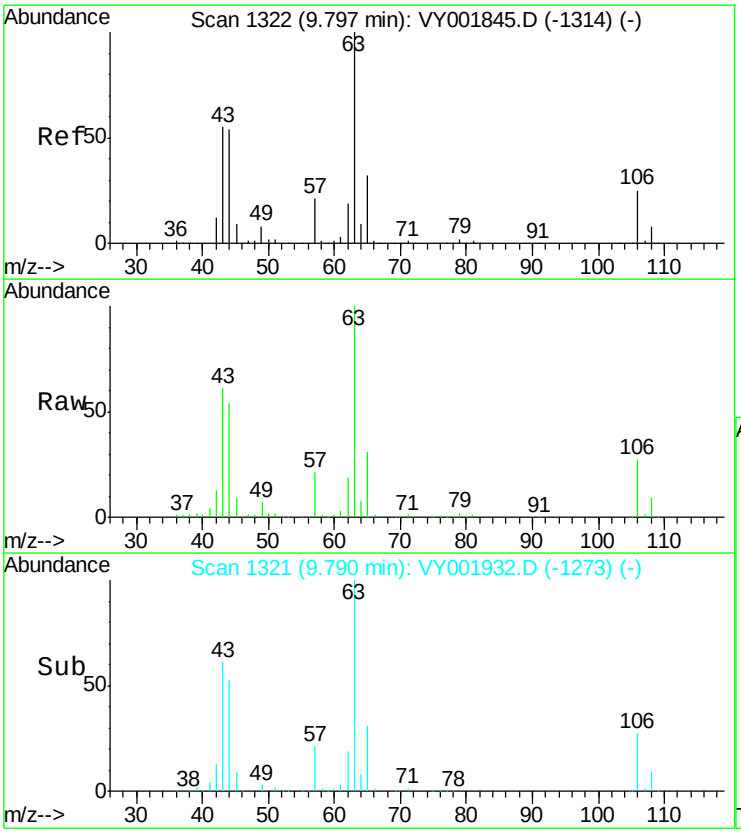

#57
1,3-Dichloropropane
Concen: 51.431 ug/l
RT: 10.80 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 76 Resp: 142025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.4 | 25.8 | 38.6 |

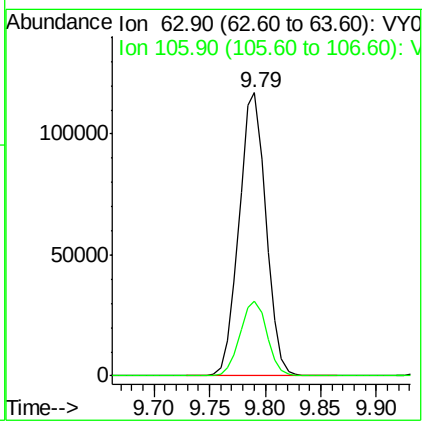


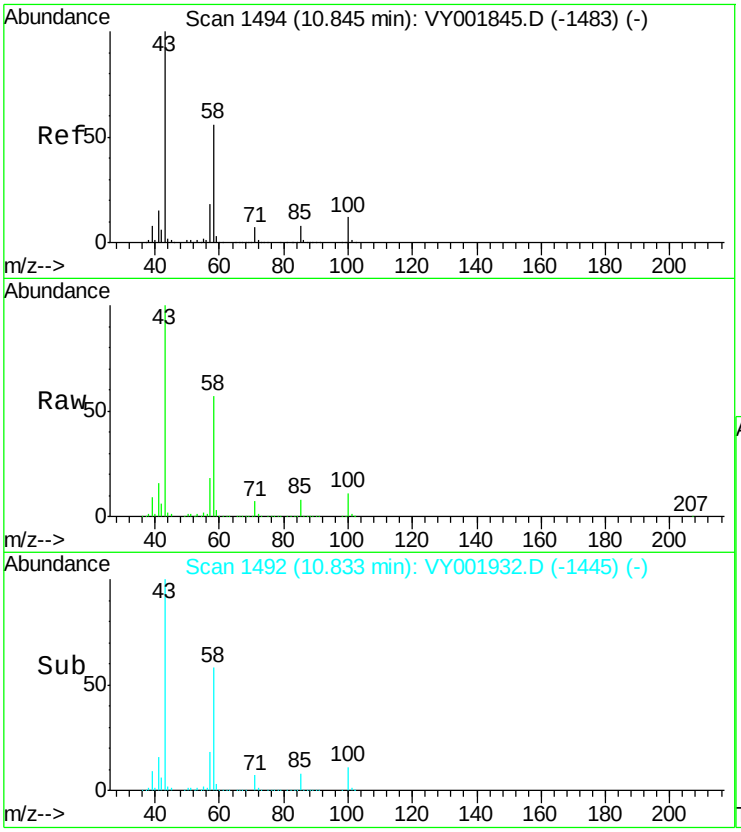




#58
2-Chloroethyl Vinyl ether
Concen: 246.659 ug/l
RT: 9.79 min Scan# 1321
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 63 Resp: 196137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 26.5 | 21.3 | 31.9 |



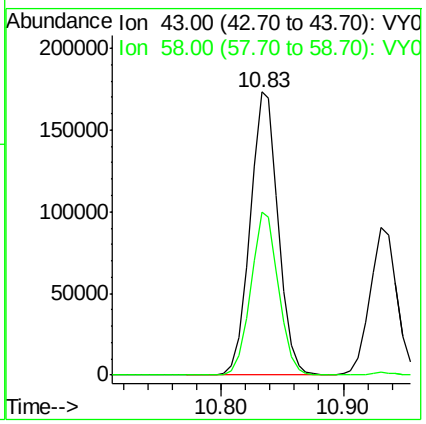


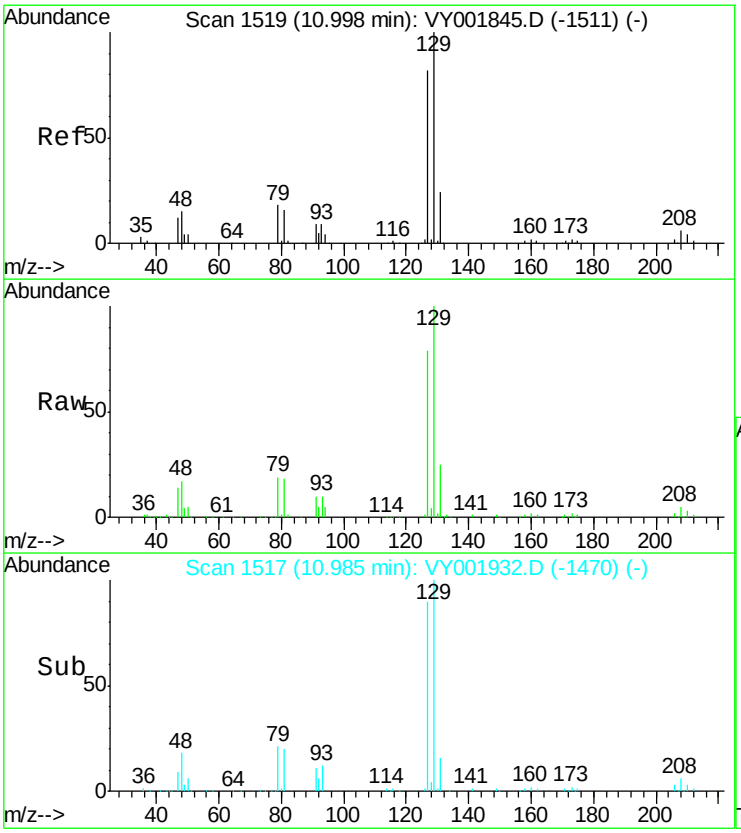

#59
2-Hexanone
Concen: 248.053 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 43 Resp: 276643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 56.8 | 28.1 | 84.3 |

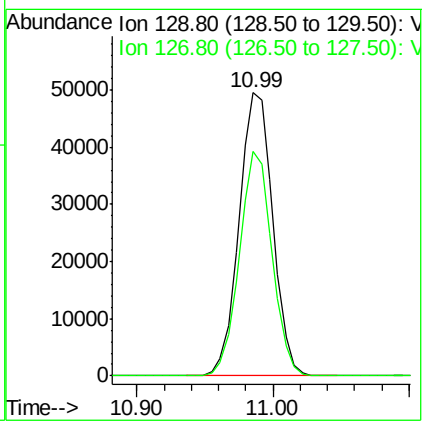


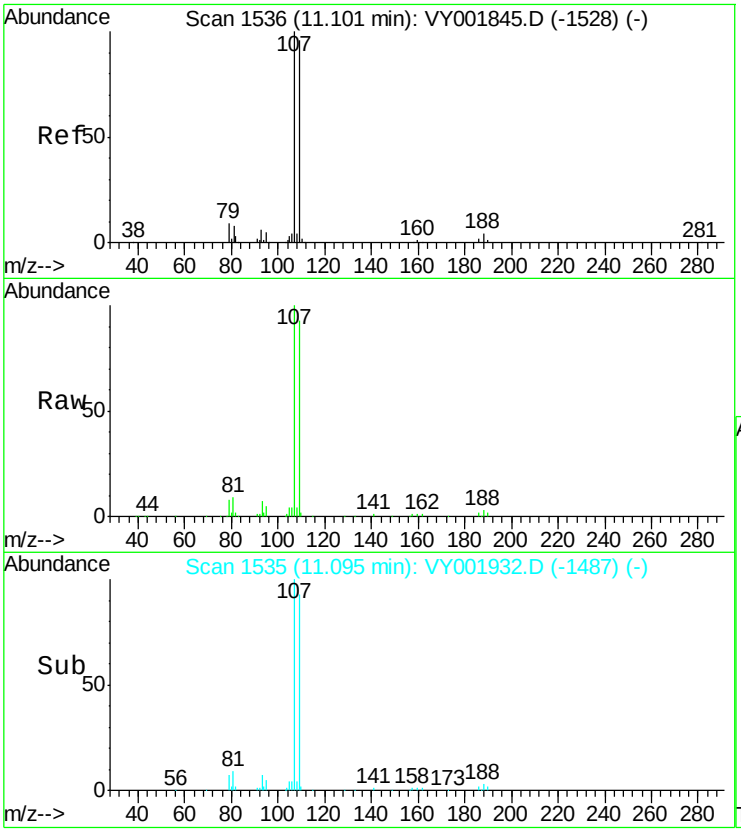




#60
Dibromochloromethane
Concen: 52.396 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion:129 Resp: 85531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.8 | 39.0 | 117.0 |



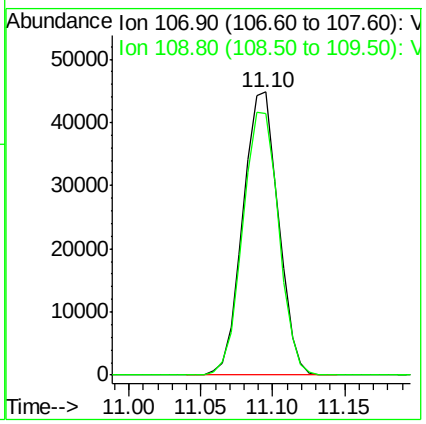


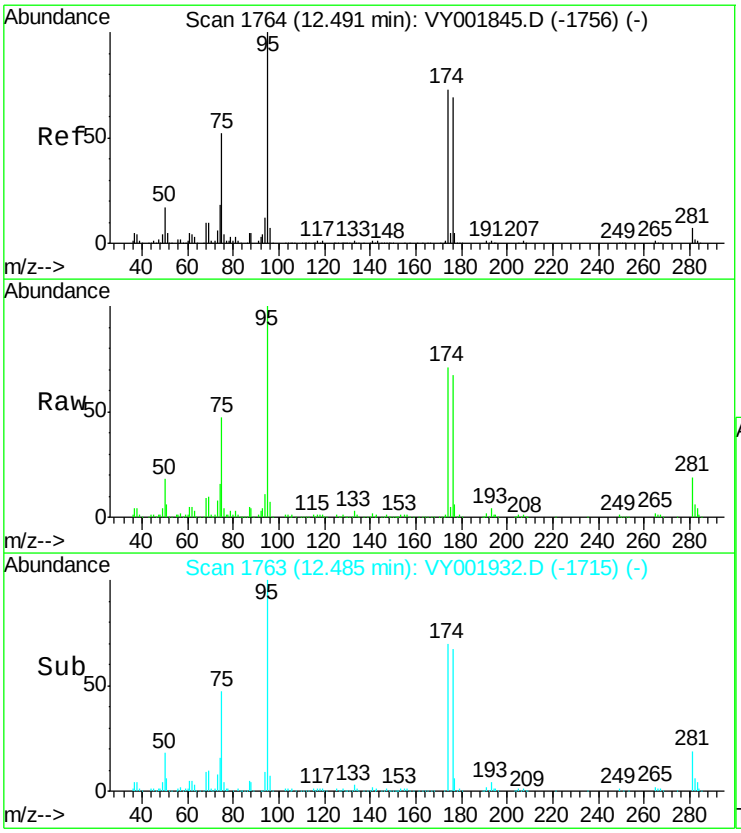

#61
1,2-Dibromoethane
Concen: 51.963 ug/l
RT: 11.10 min Scan# 1535
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion:107 Resp: 76253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.0 | 75.4 | 113.0 |

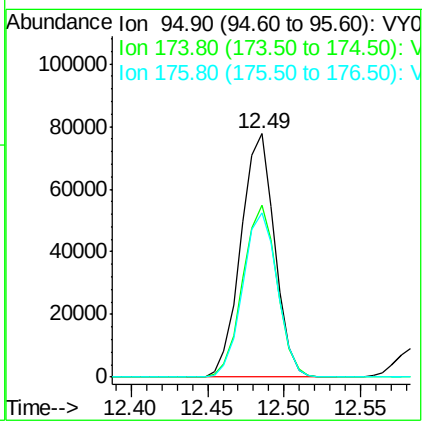


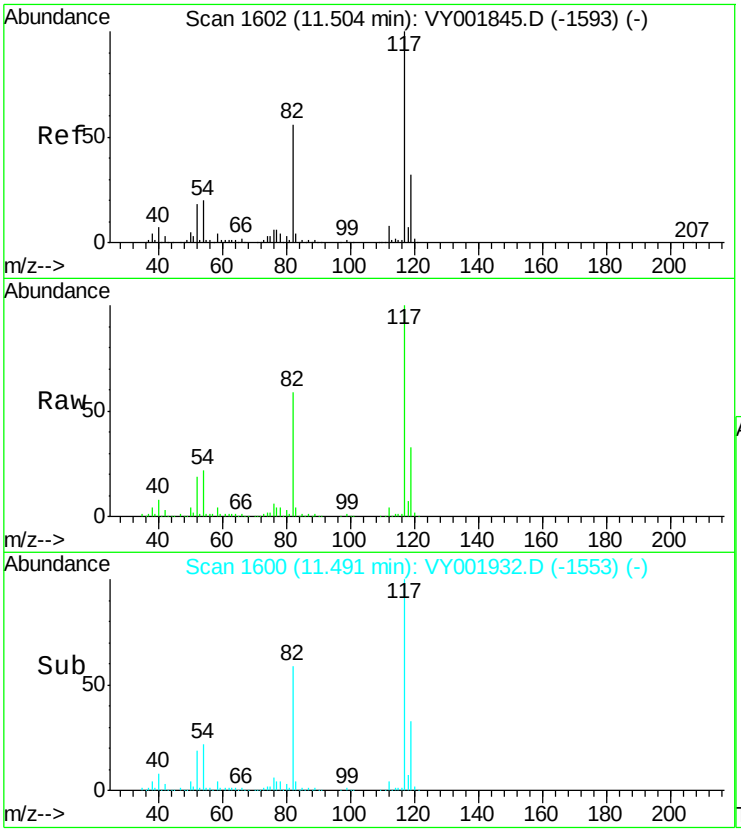




#62
4-Bromofluorobenzene
Concen: 51.968 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 95 Resp: 119199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 71.5 | 0.0 | 145.0 |
| 176 | 69.0 | 0.0 | 137.4 |



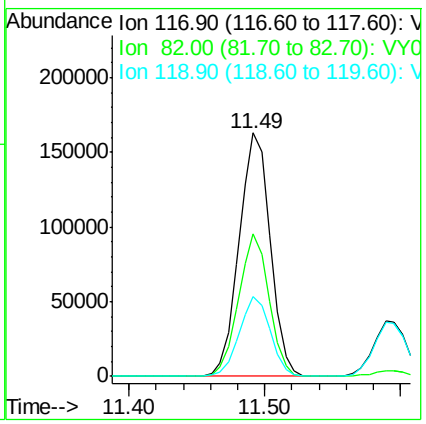


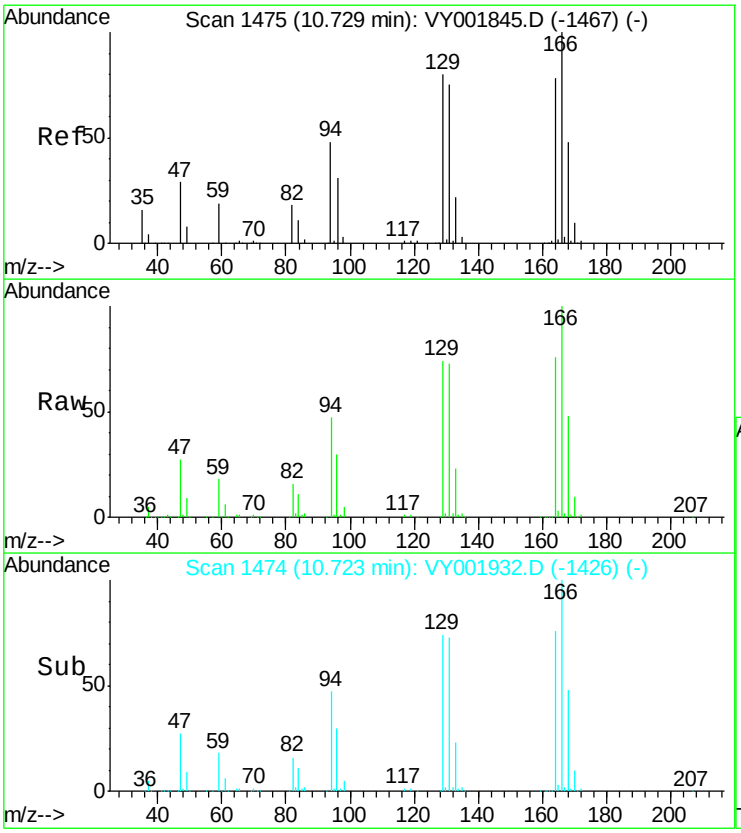

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion:117 Resp: 260986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 58.7 | 44.5 | 66.7 |
| 119 | 32.8 | 25.7 | 38.5 |

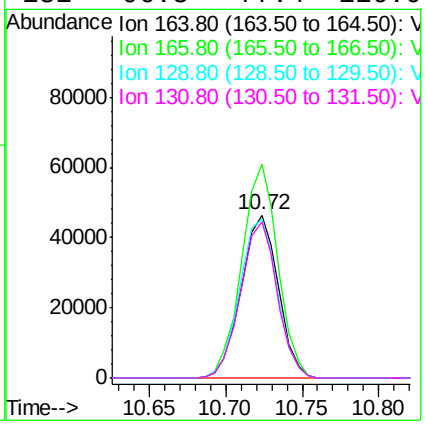


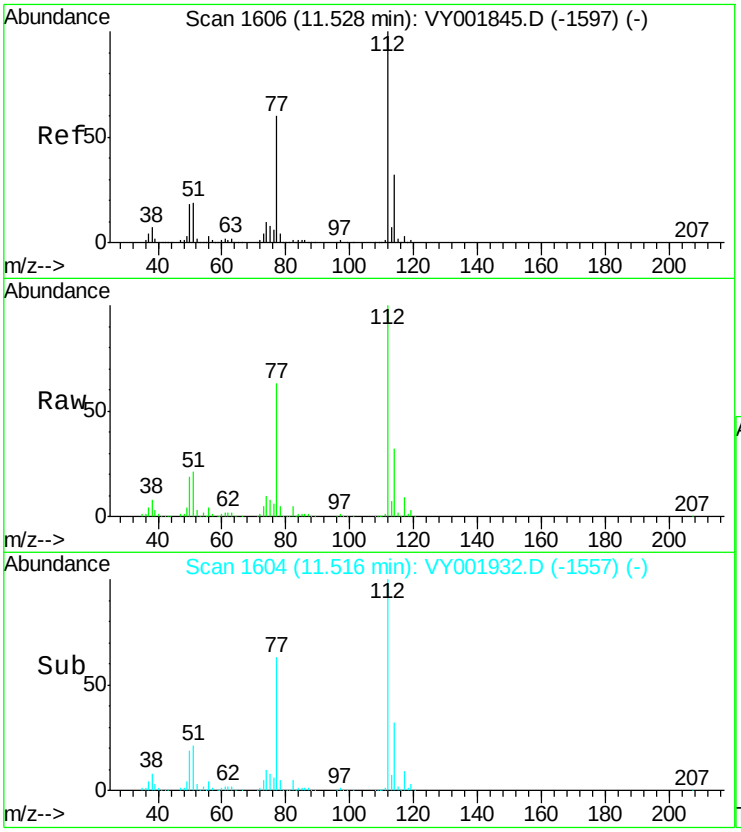




#64
Tetrachloroethene
Concen: 47.667 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion:164 Resp: 78017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 131.2 | 102.6 | 154.0 |
| 129 | 97.2 | 82.3 | 123.5 |
| 131 | 96.3 | 77.4 | 116.0 |



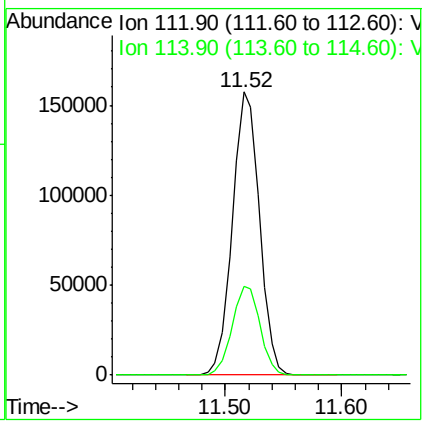


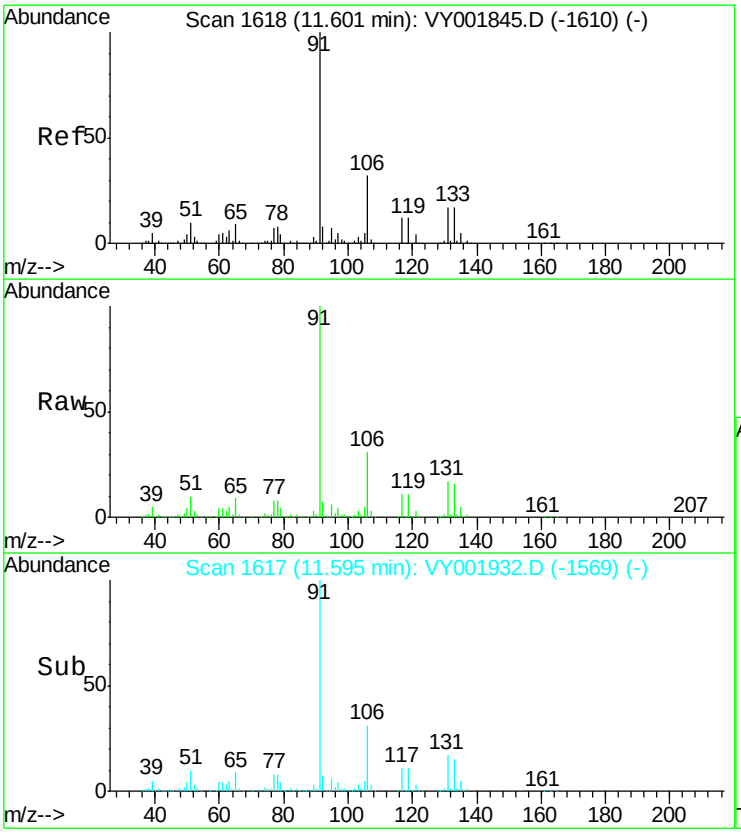

#65
Chlorobenzene
Concen: 48.985 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion:112 Resp: 254737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.6 | 25.9 | 38.9 |

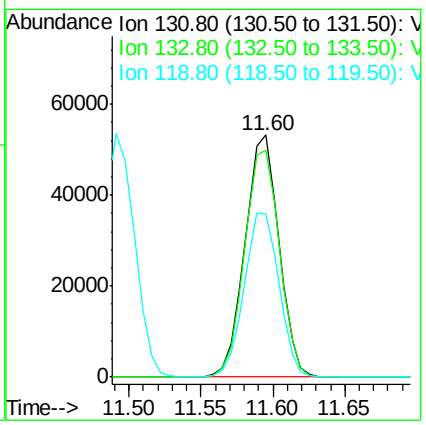


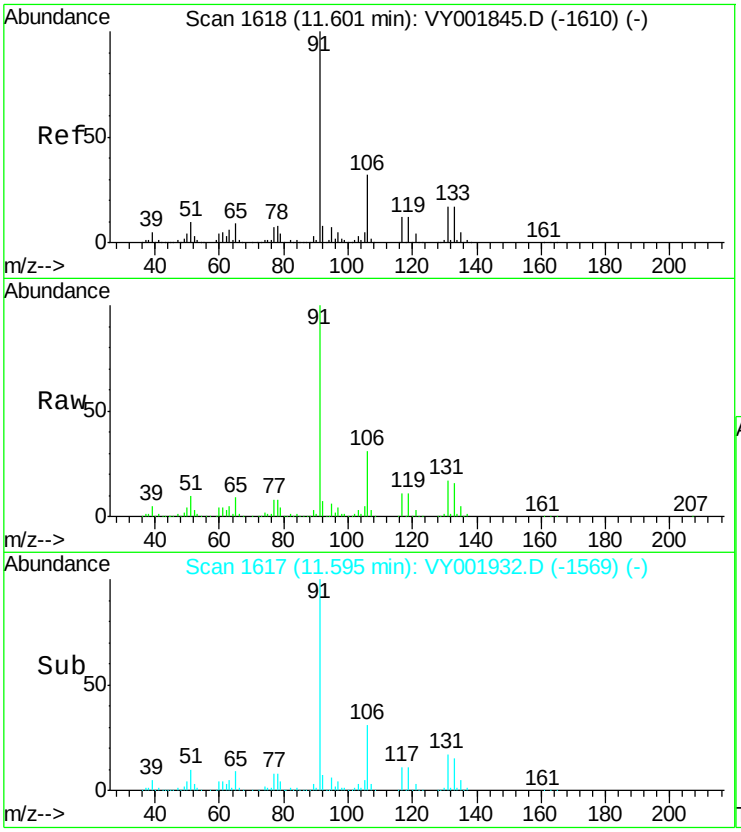




#66
1,1,1,2-Tetrachloroethane
Concen: 50.771 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion:131 Resp: 86582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.4 | 47.1 | 141.3 |
| 119 | 69.5 | 34.5 | 103.6 |



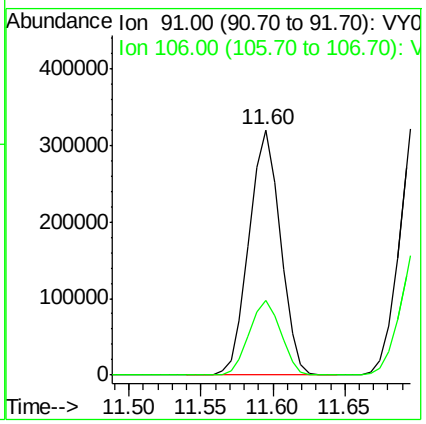


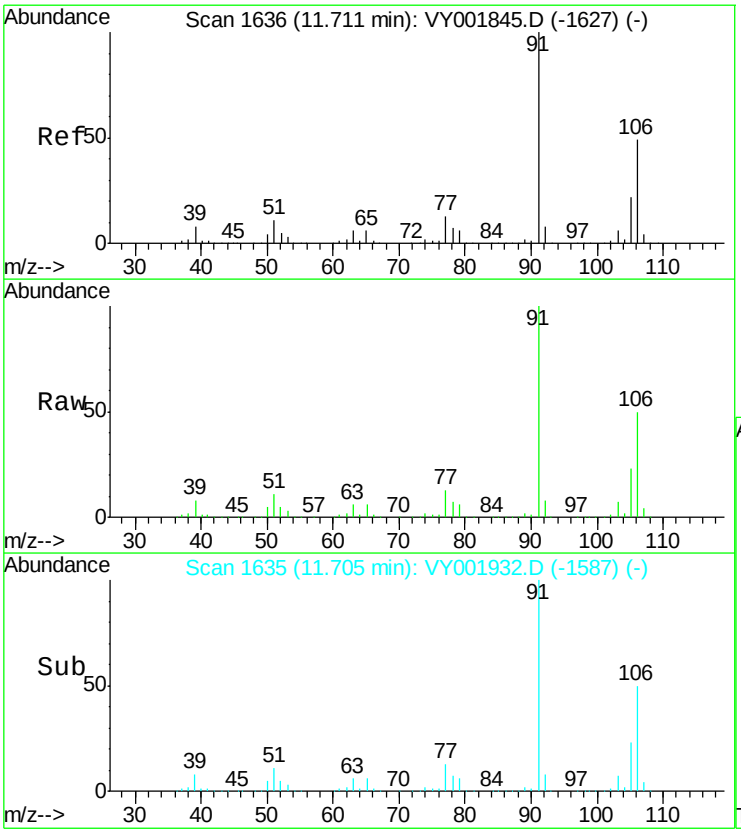

#67
Ethyl Benzene
Concen: 49.616 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 91 Resp: 481197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.5 | 25.4 | 38.2 |

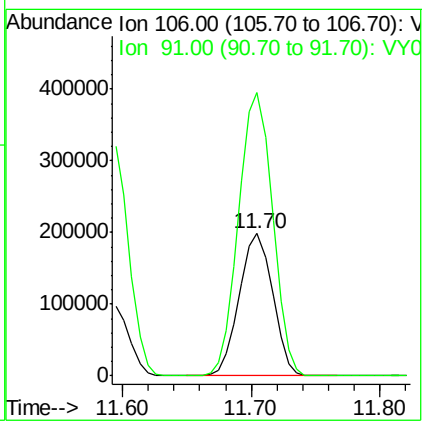


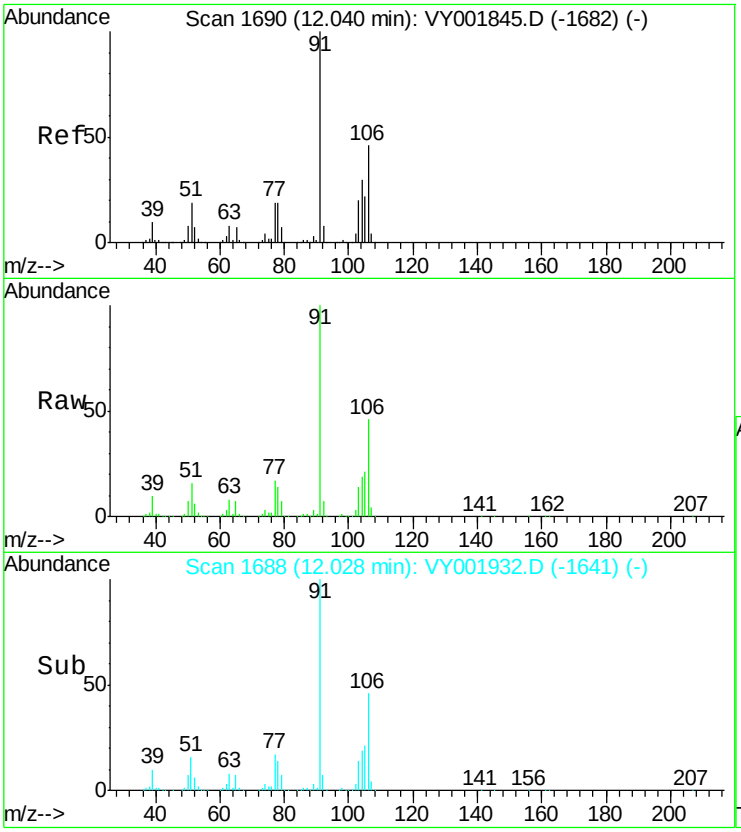




#68
m/p-Xylenes
Concen: 99.554 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion:106 Resp: 356963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 202.4 | 161.3 | 241.9 |



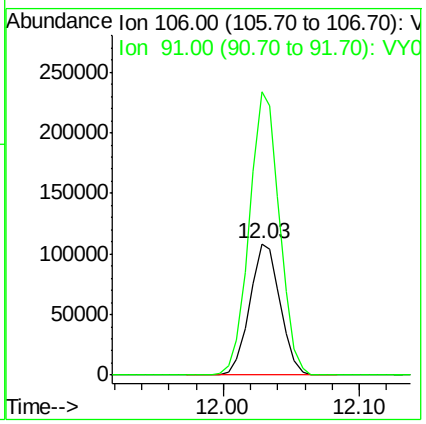


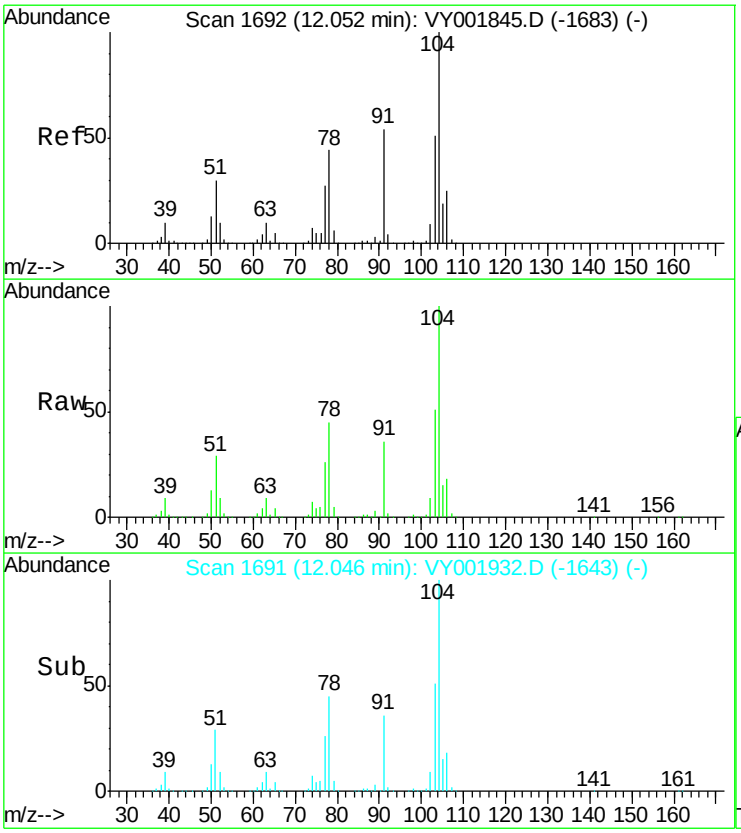

#69
o-Xylene
Concen: 50.156 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion:106 Resp: 169505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 214.0 | 106.8 | 320.4 |

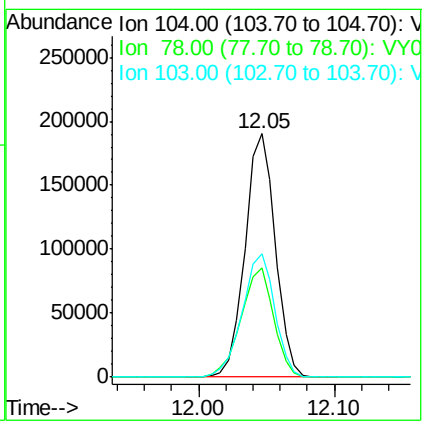


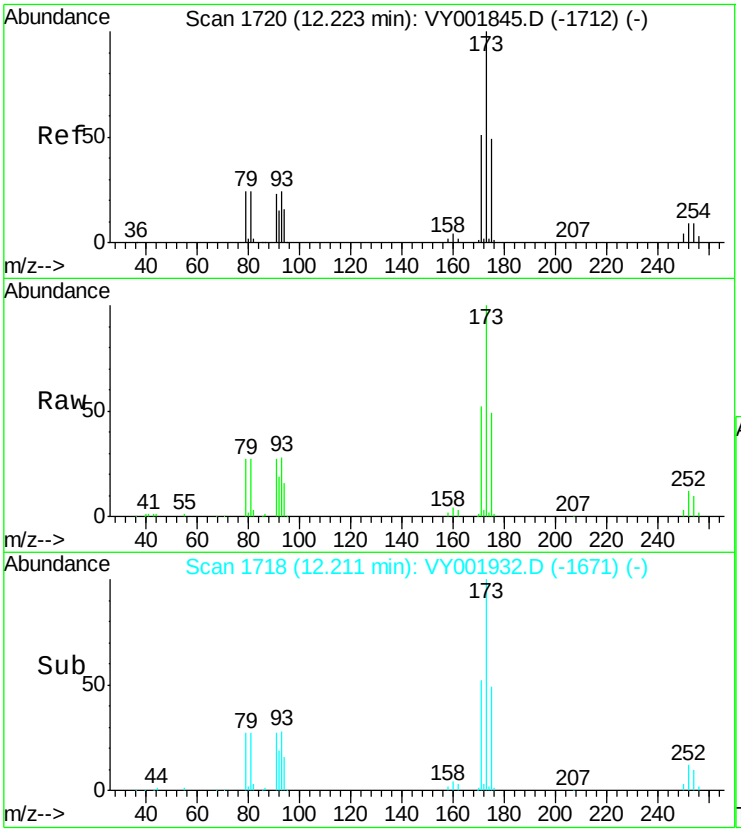




#70
Styrene
Concen: 51.353 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion:104 Resp: 297240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 48.4 | 38.5 | 57.7 |
| 103 | 54.6 | 42.9 | 64.3 |



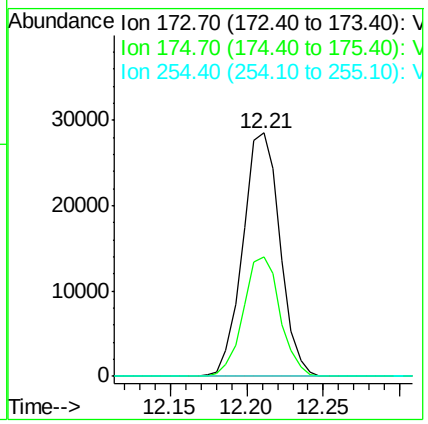


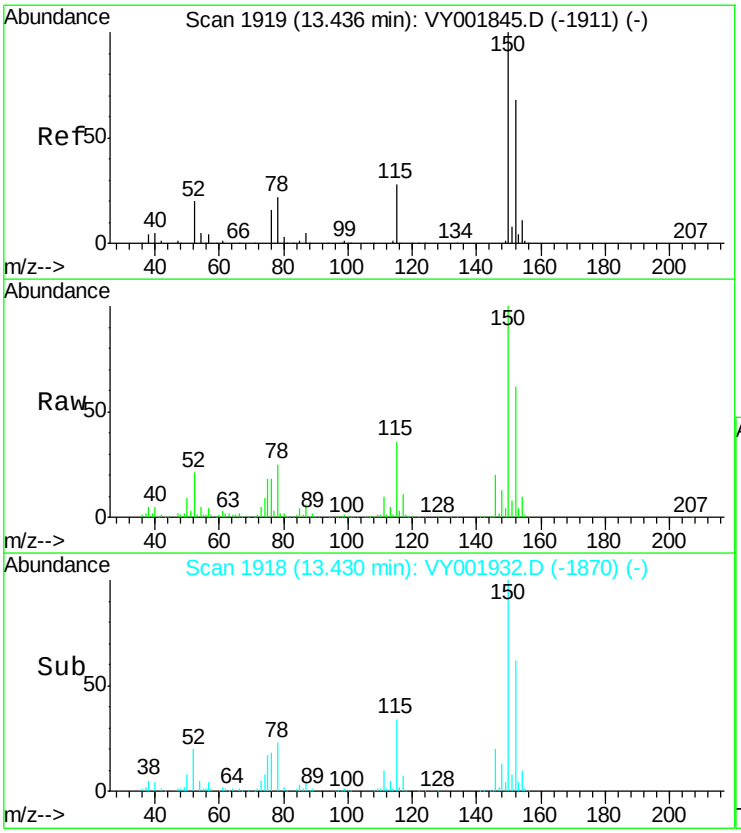

#71
Bromoform
Concen: 51.973 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion:173 Resp: 48066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.5 | 24.3 | 72.8 |
| 254 | 0.0 | 0.0 | 0.0 |

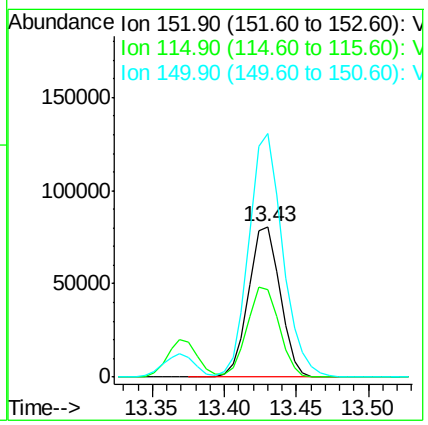


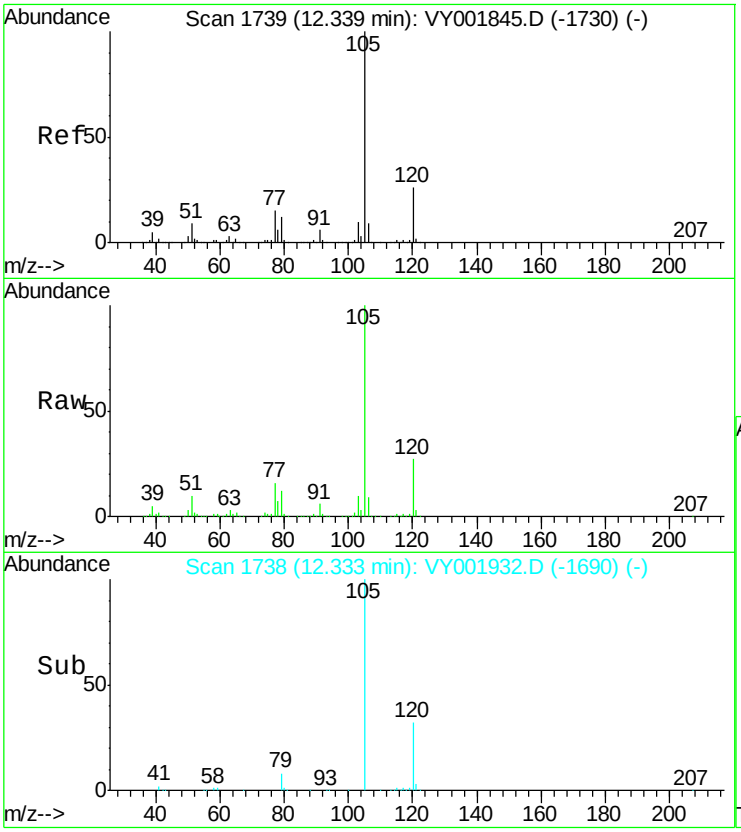




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion:152 Resp: 122183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.5 | 29.9 | 89.7 |
| 150 | 173.4 | 0.0 | 340.6 |



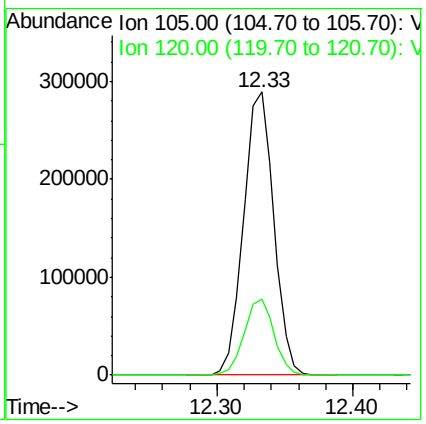


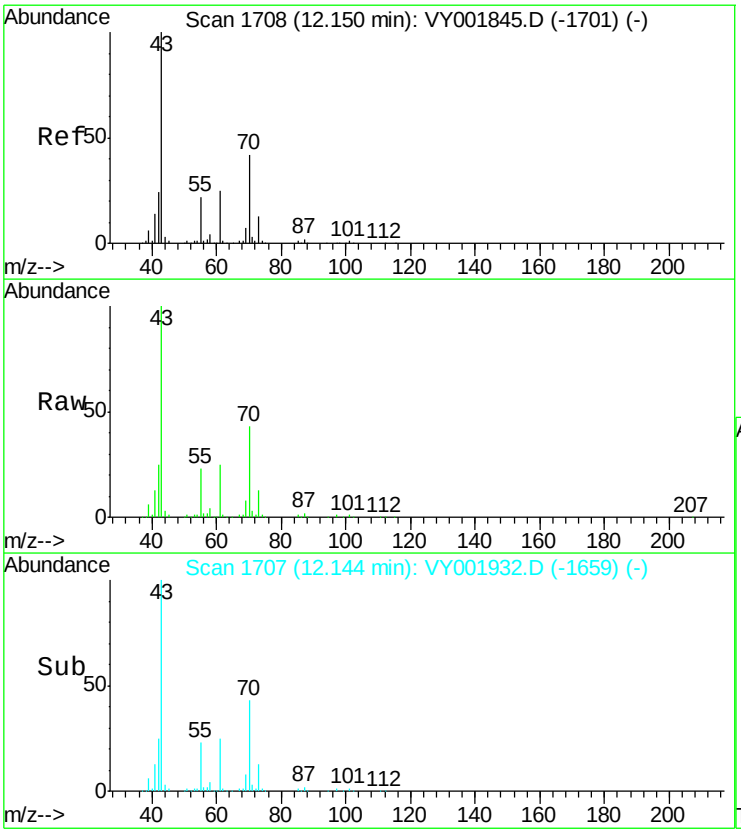

#73
Isopropylbenzene
Concen: 48.339 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion:105 Resp: 450863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.5 | 13.1 | 39.3 |

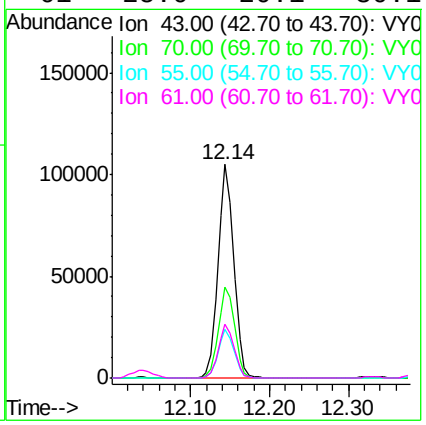


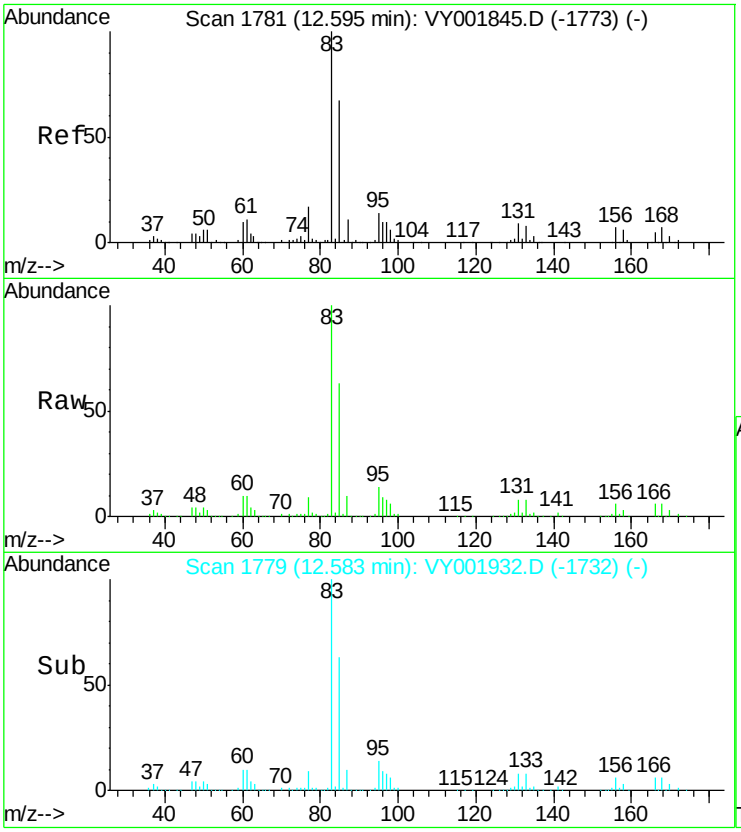




#74
N-amyl acetate
Concen: 51.054 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 43 Resp: 146352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 43.8 | 34.7 | 52.1 |
| 55 | 23.0 | 18.2 | 27.4 |
| 61 | 25.0 | 20.1 | 30.1 |



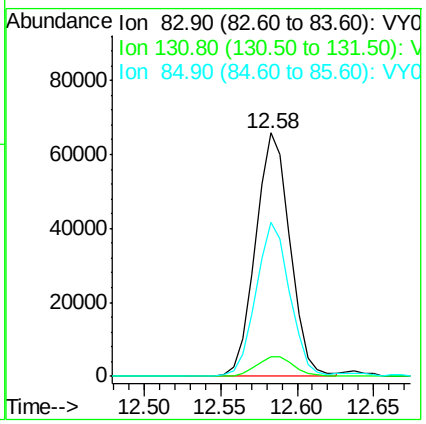


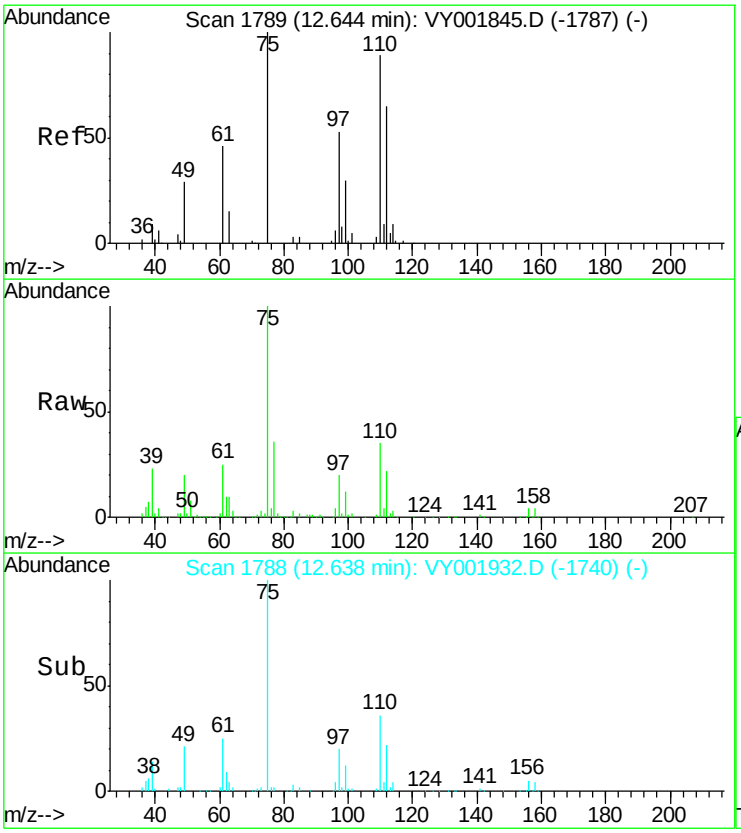

#75
1,1,2,2-Tetrachloroethane
Concen: 51.285 ug/l
RT: 12.58 min Scan# 1779
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 83 Resp: 103154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 8.9 | 4.6 | 13.8 |
| 85 | 61.9 | 32.1 | 96.3 |

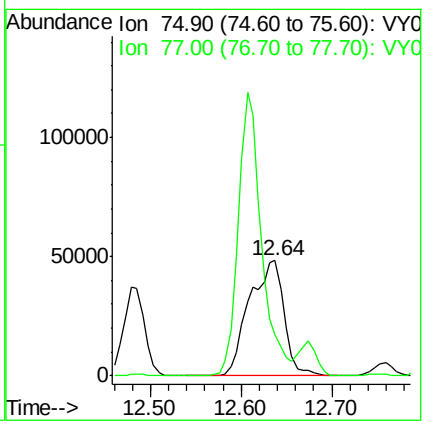


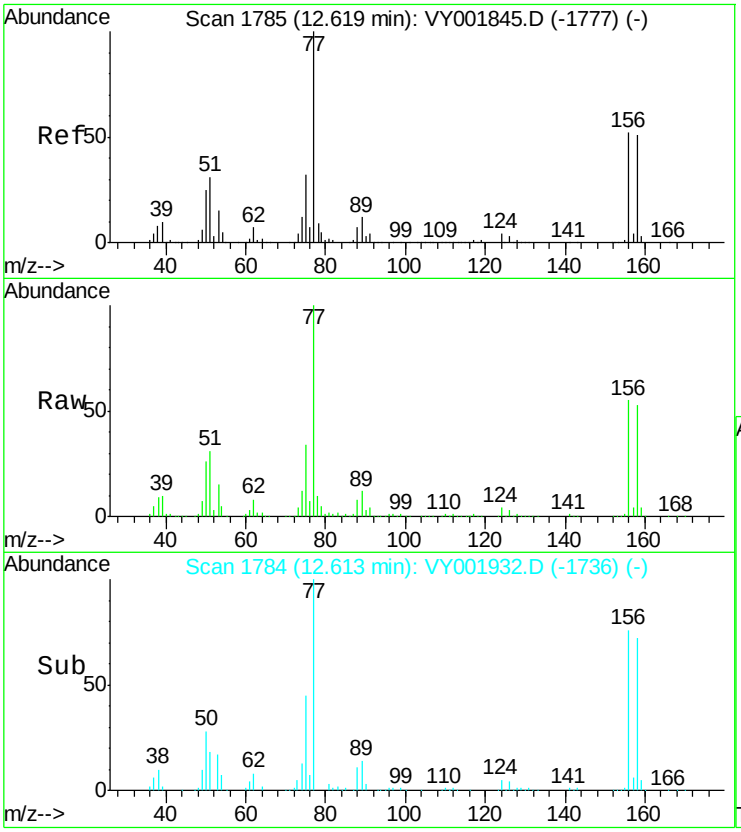




#76
1,2,3-Trichloropropane
Concen: 88.953 ug/l
RT: 12.64 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 75 Resp: 128962

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



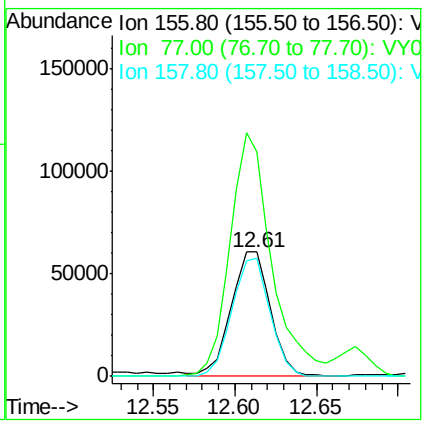


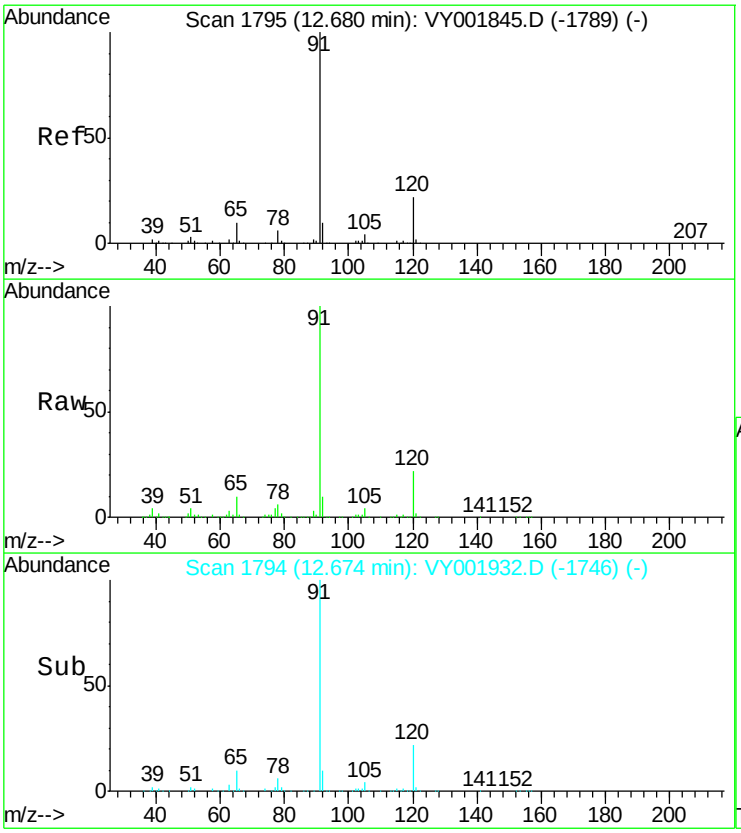

#77
Bromobenzene
Concen: 51.766 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion:156 Resp: 102297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 205.8 | 109.0 | 327.0 |
| 158 | 91.8 | 48.9 | 146.8 |

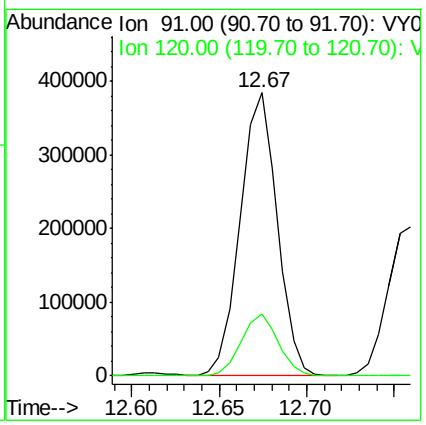


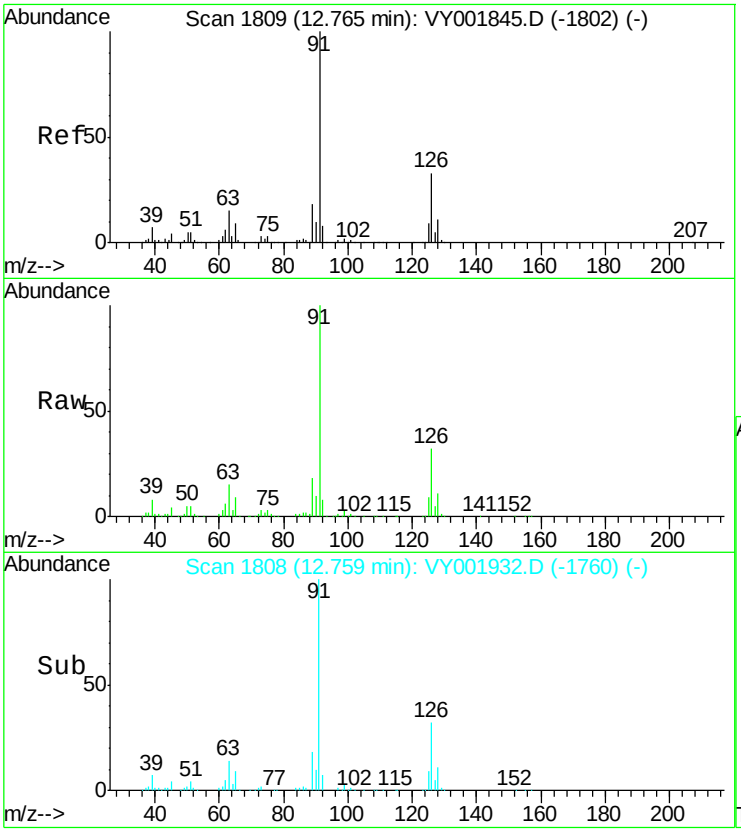




#78
n-propylbenzene
Concen: 49.158 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 91 Resp: 565664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 21.8 | 11.0 | 33.0 |



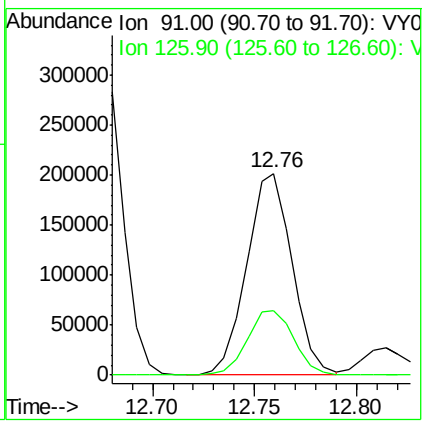


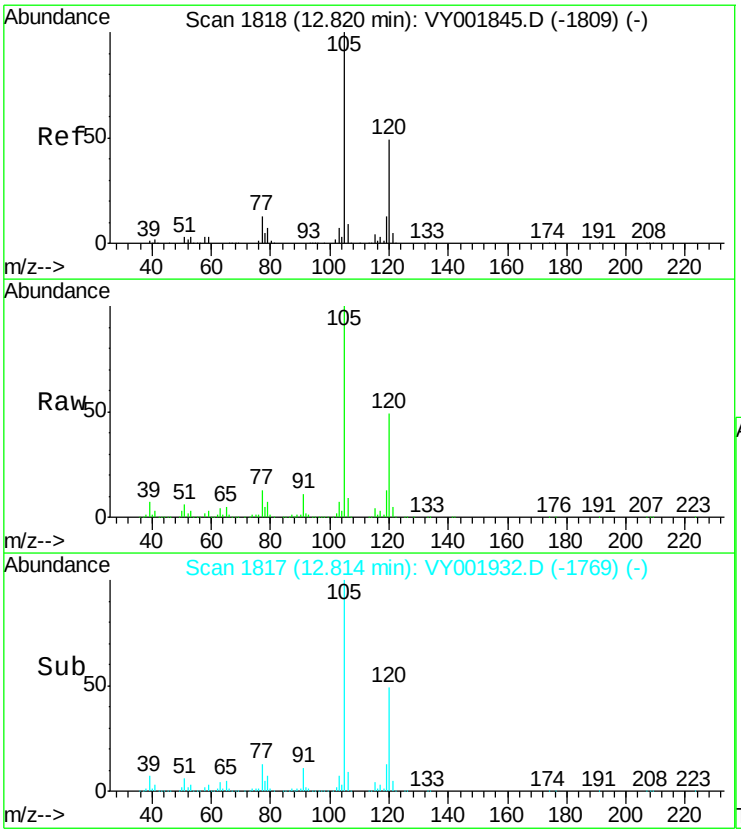

#79
2-Chlorotoluene
Concen: 49.000 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 91 Resp: 311511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.8 | 16.3 | 48.8 |

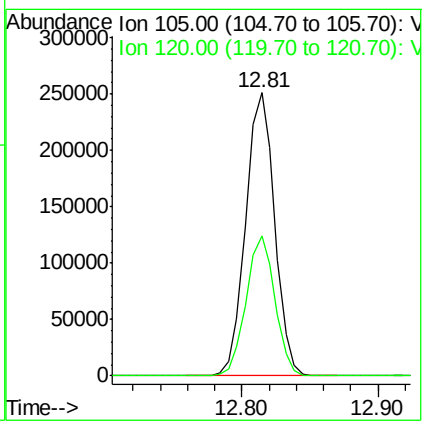


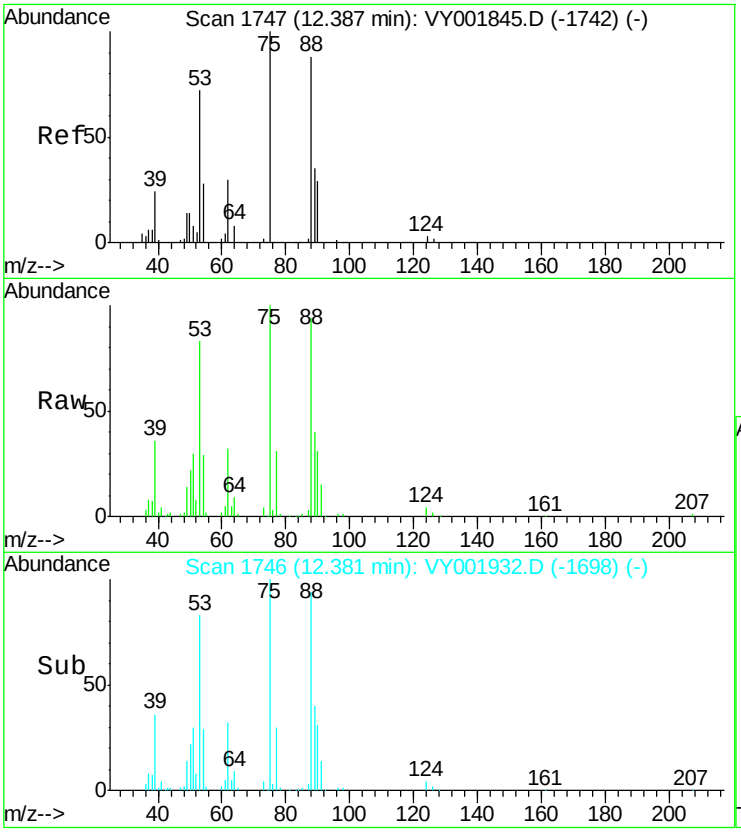




#80
1,3,5-Trimethylbenzene
Concen: 48.950 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion:105 Resp: 375863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 49.2 | 24.4 | 73.2 |



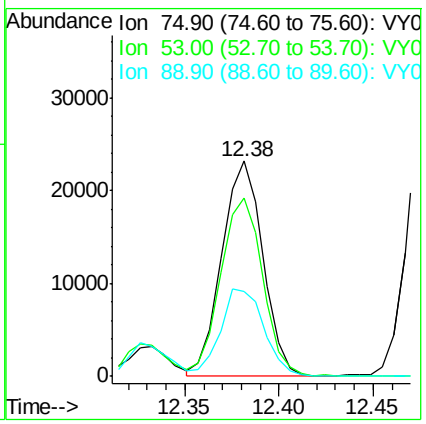


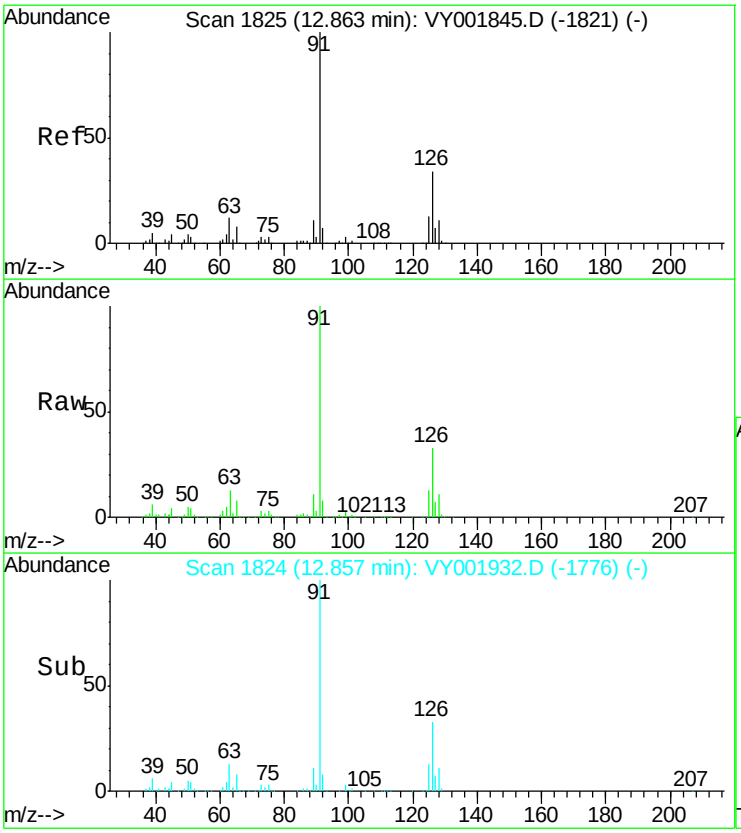

#81
trans-1,4-Dichloro-2-butene
Concen: 48.865 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 75 Resp: 35072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 84.8 | 65.4 | 98.0 |
| 89 | 43.1 | 36.0 | 54.0 |

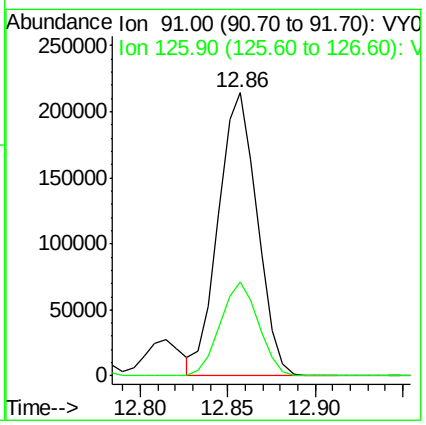


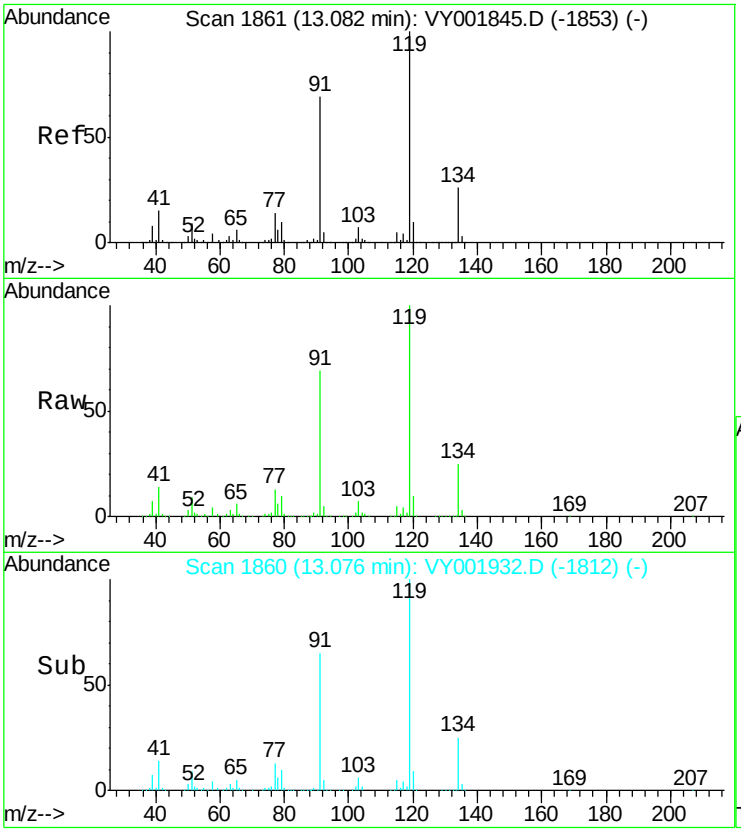




#82
4-Chlorotoluene
Concen: 49.886 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 91 Resp: 330212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.8 | 16.4 | 49.2 |



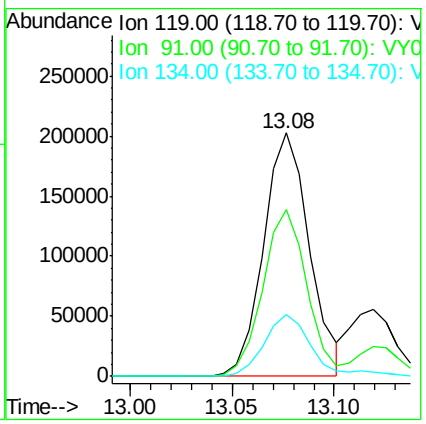


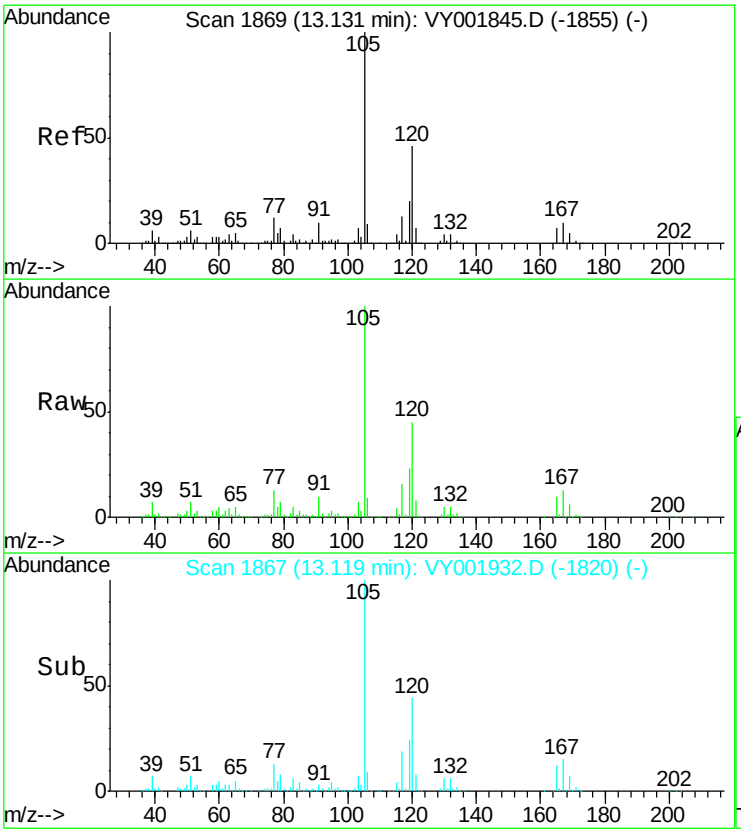

#83
tert-Butylbenzene
Concen: 49.780 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion:119 Resp: 317475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 65.5 | 34.0 | 101.8 |
| 134 | 26.4 | 13.5 | 40.4 |

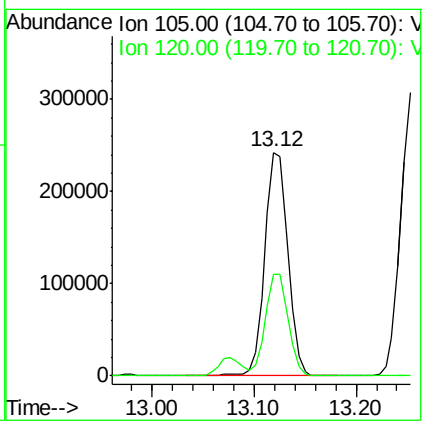


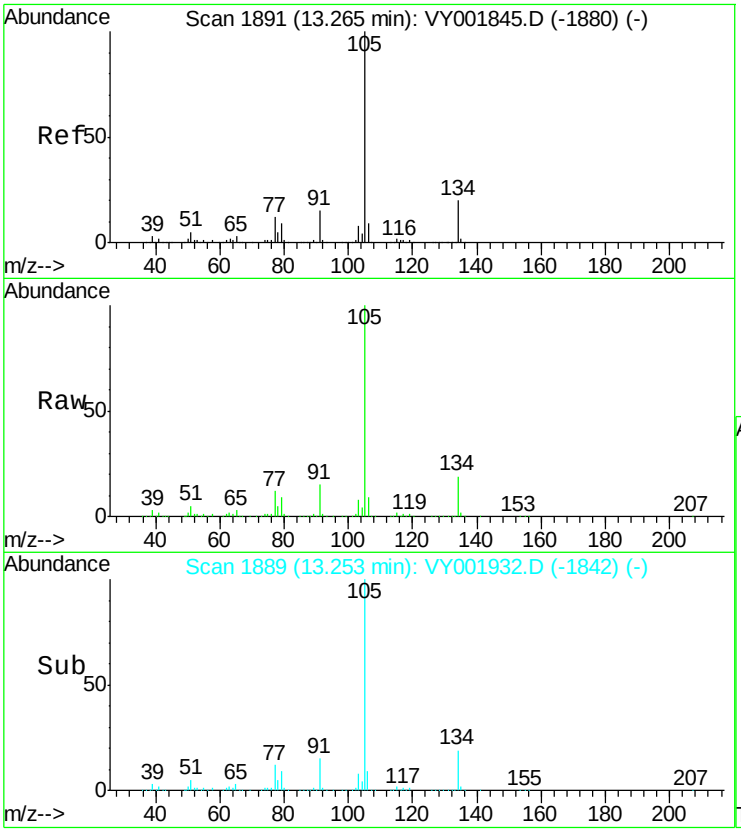




#84
1,2,4-Trimethylbenzene
Concen: 49.809 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion:105 Resp: 379554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.6 | 22.6 | 67.7 |



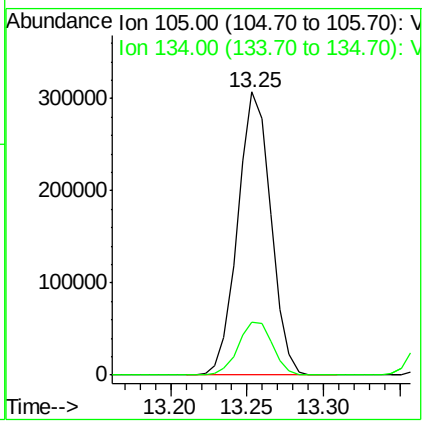


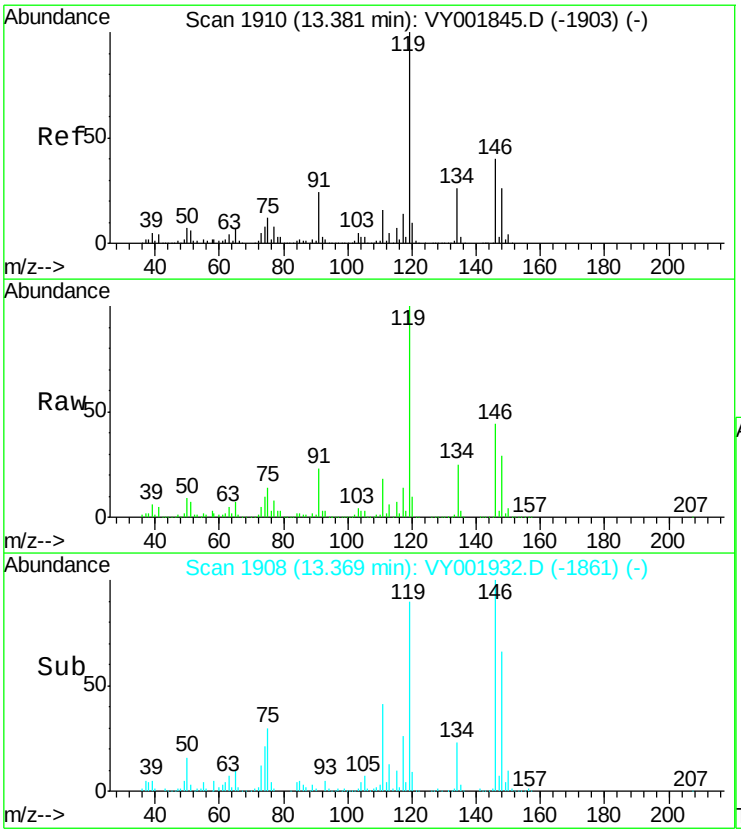

#85
sec-Butylbenzene
Concen: 49.163 ug/l
RT: 13.25 min Scan# 1889
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion:105 Resp: 462158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.3 | 9.7 | 29.1 |

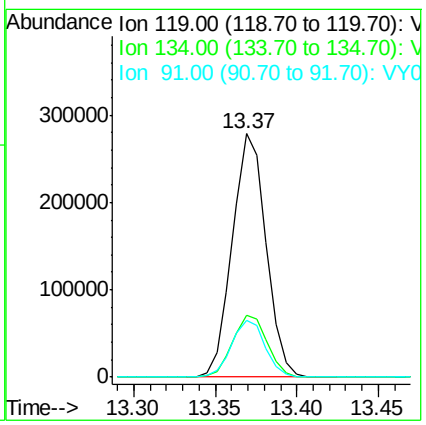


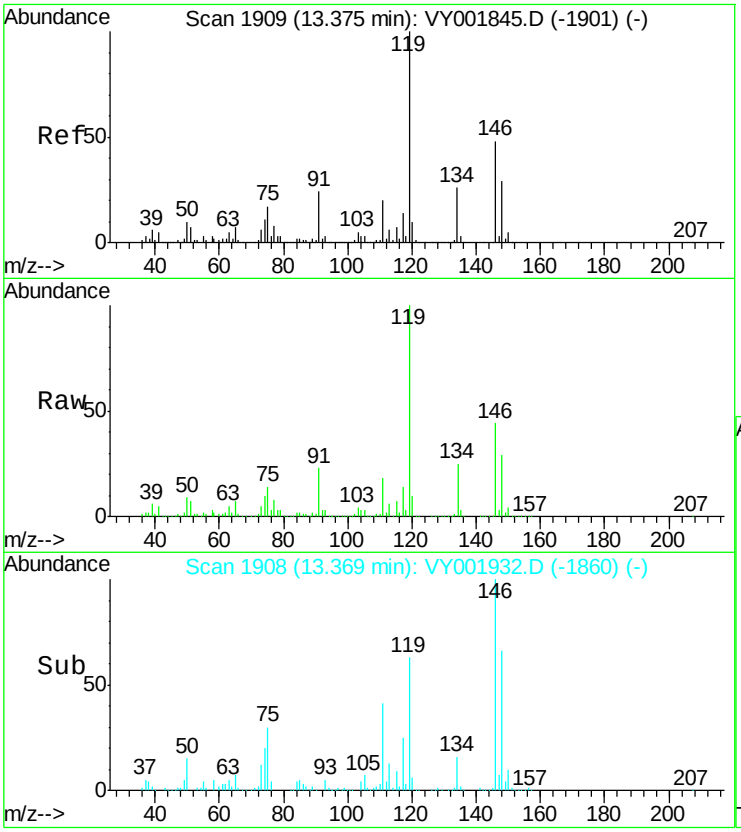




#86
p-Isopropyltoluene
Concen: 49.394 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion:119 Resp: 400542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.1 | 13.1 | 39.3 |
| 91 | 23.3 | 11.9 | 35.7 |



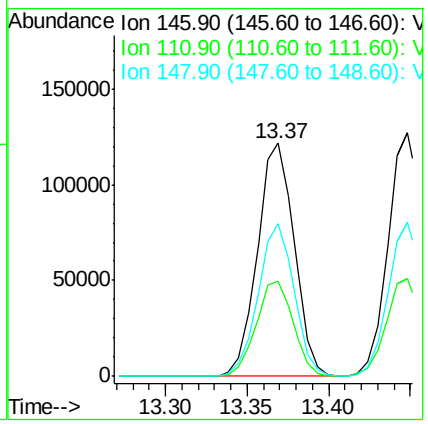


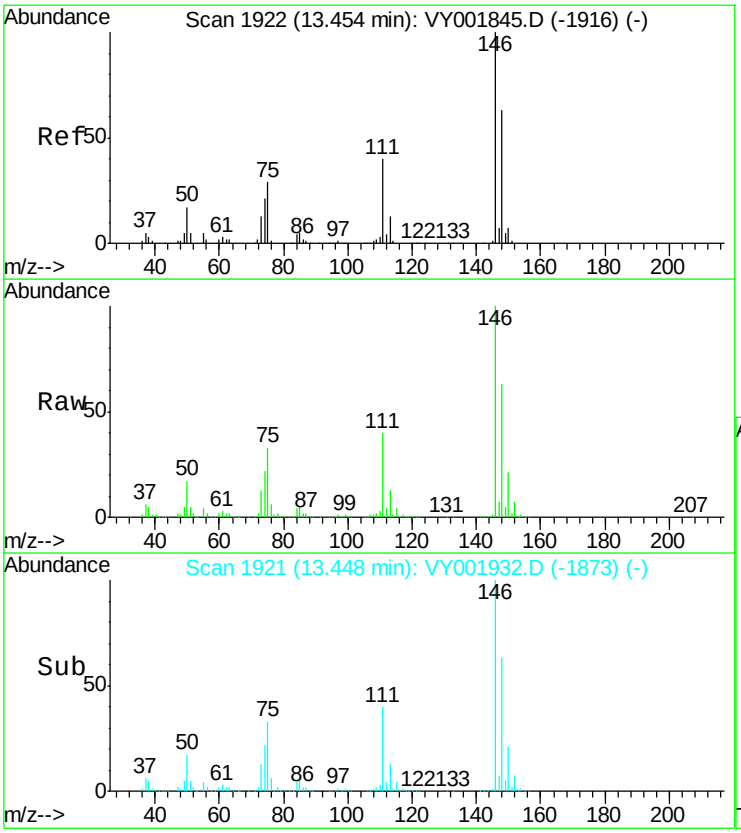

#87
1,3-Dichlorobenzene
Concen: 49.192 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion:146 Resp: 190490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.3 | 20.8 | 62.5 |
| 148 | 64.0 | 31.4 | 94.0 |

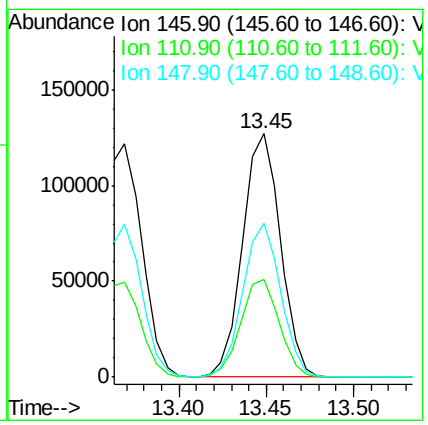


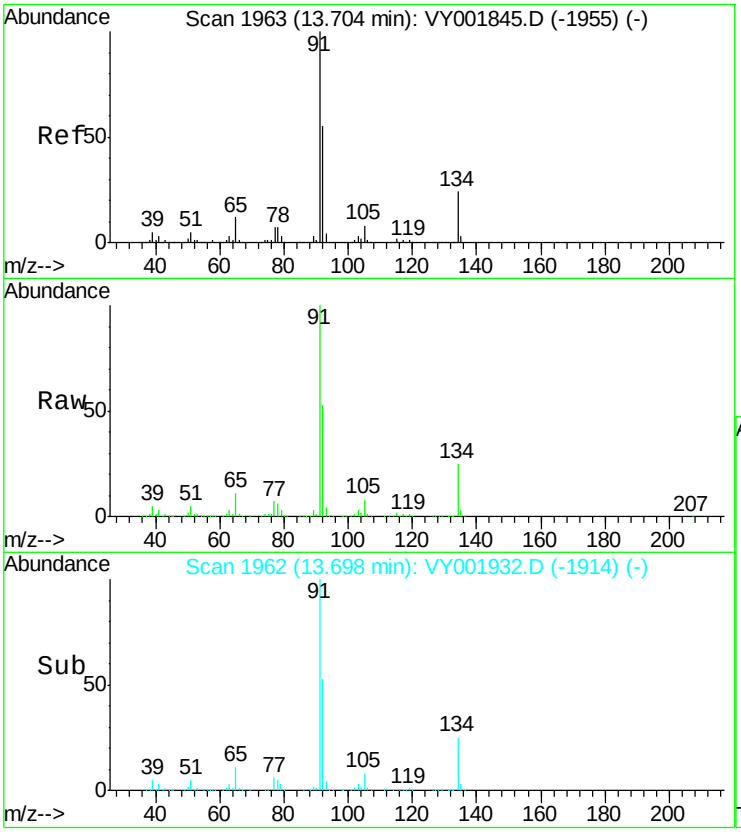




#88
1,4-Dichlorobenzene
Concen: 48.805 ug/l
RT: 13.45 min Scan# 1921
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion:146 Resp: 191729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.6 | 20.0 | 60.0 |
| 148 | 63.2 | 31.5 | 94.5 |



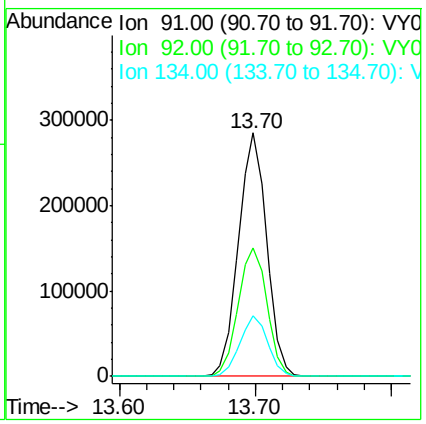


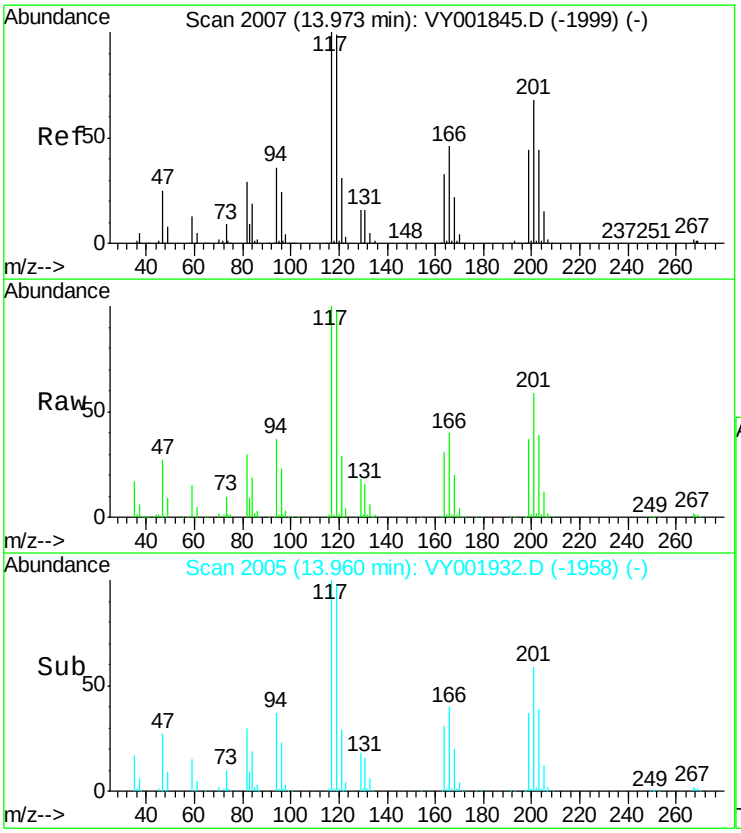

#89
n-Butylbenzene
Concen: 49.069 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion: 91 Resp: 412825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.2 | 27.5 | 82.4 |
| 134 | 24.5 | 12.5 | 37.5 |

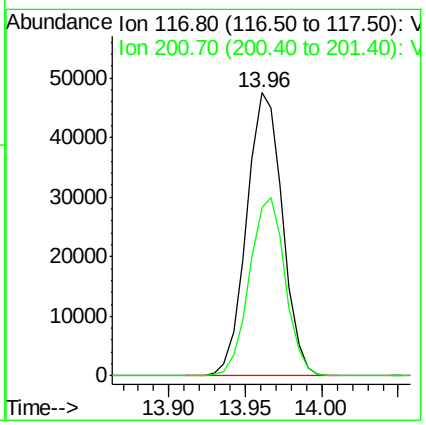


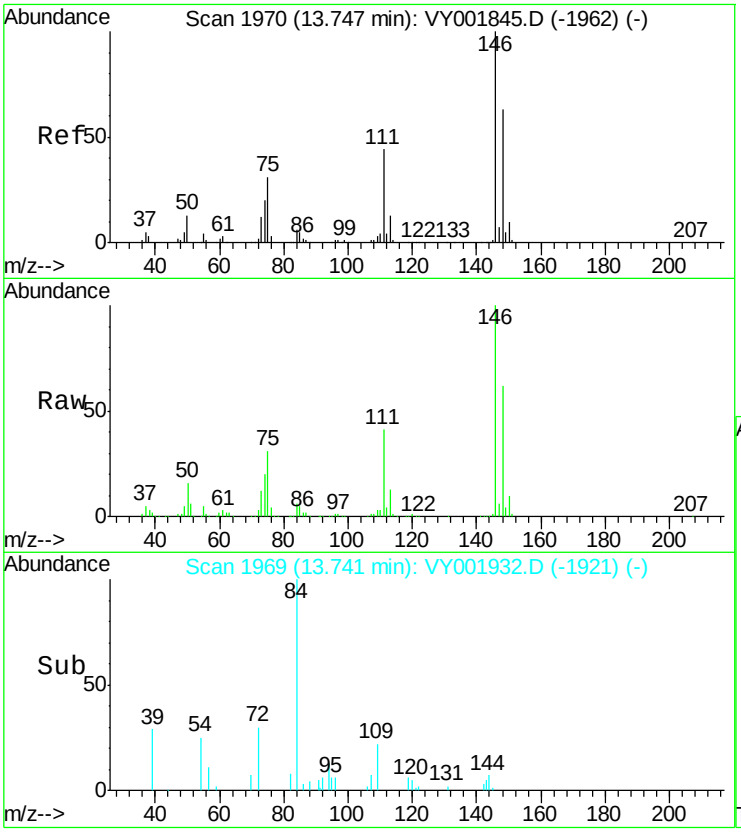




#90
Hexachloroethane
Concen: 50.841 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion:117 Resp: 77777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 62.7 | 32.5 | 97.5 |



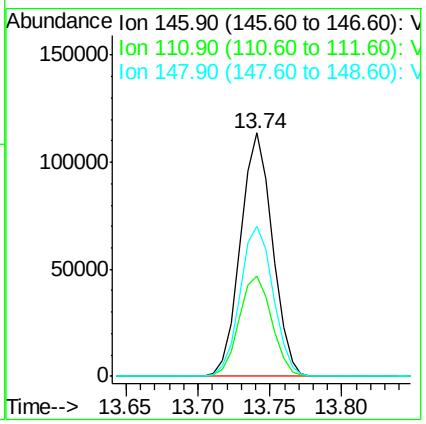


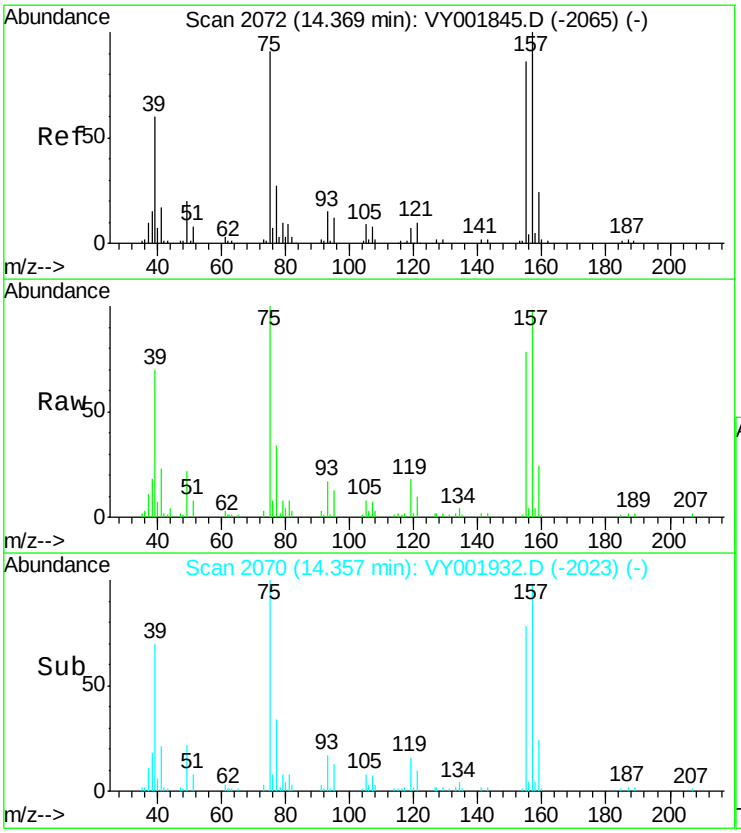

#91
1,2-Dichlorobenzene
Concen: 49.605 ug/l
RT: 13.74 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion:146 Resp: 174512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.2 | 21.5 | 64.5 |
| 148 | 63.7 | 32.0 | 96.0 |

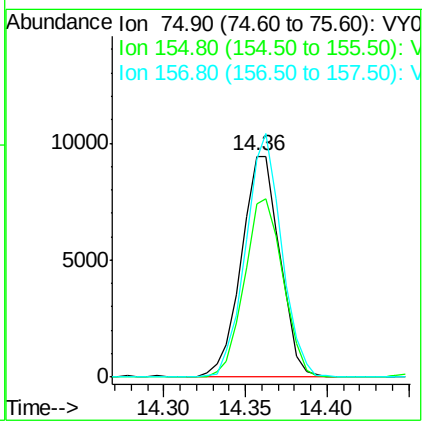


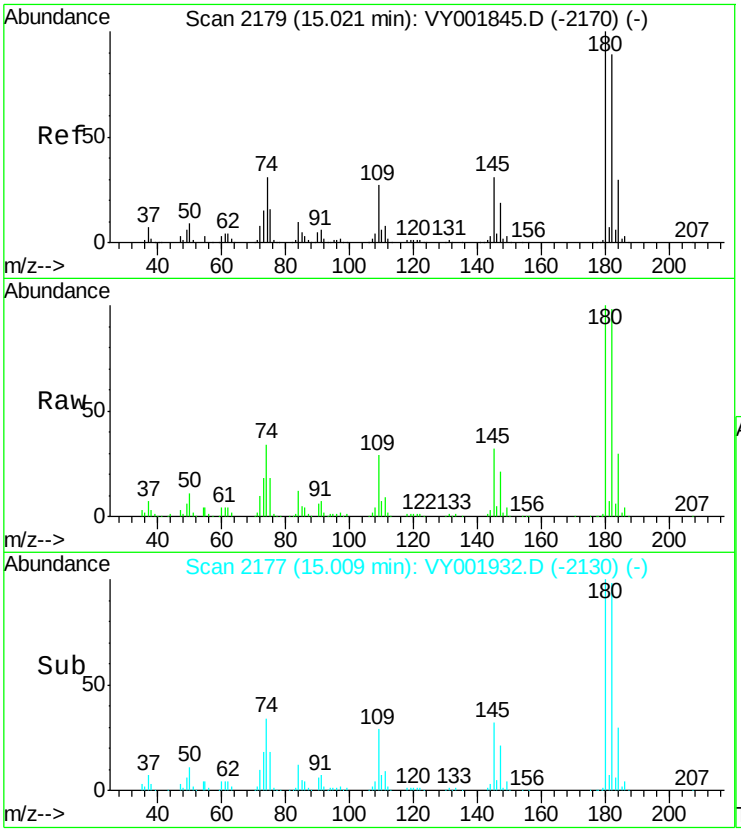




#92
1,2-Dibromo-3-Chloropropane
Concen: 49.289 ug/l
RT: 14.36 min Scan# 2070
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 75 Resp: 15470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 80.9 | 42.9 | 128.7 |
| 157 | 102.9 | 53.1 | 159.4 |



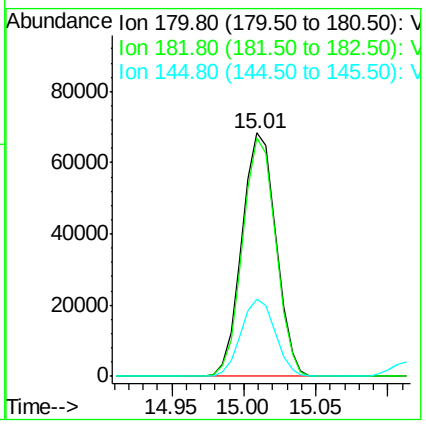


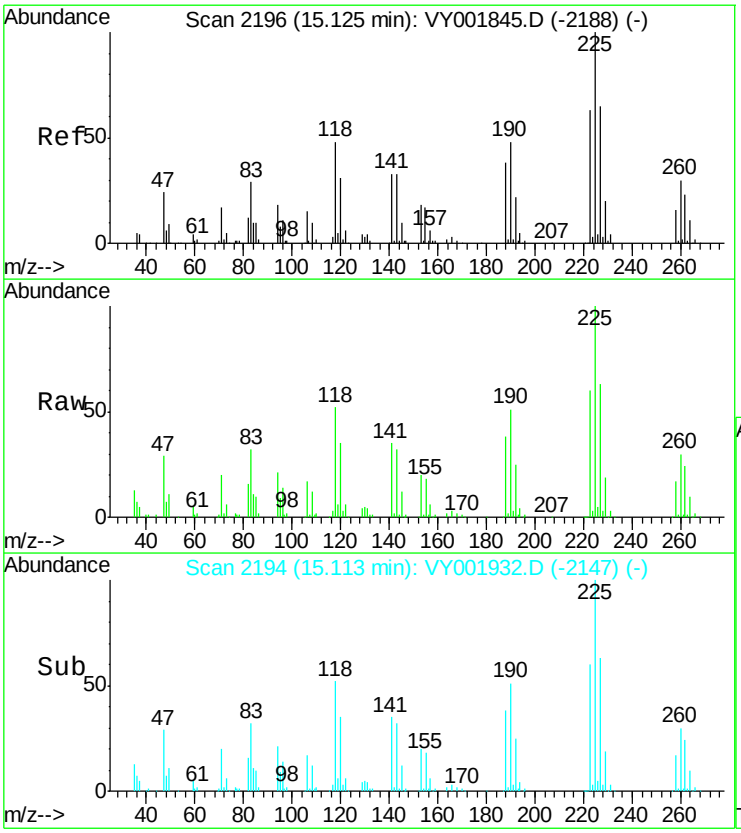

#93
1,2,4-Trichlorobenzene
Concen: 48.951 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion:180 Resp: 111680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.4 | 46.1 | 138.3 |
| 145 | 31.8 | 15.6 | 46.8 |

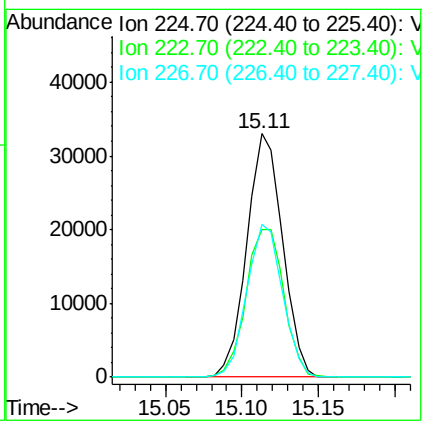


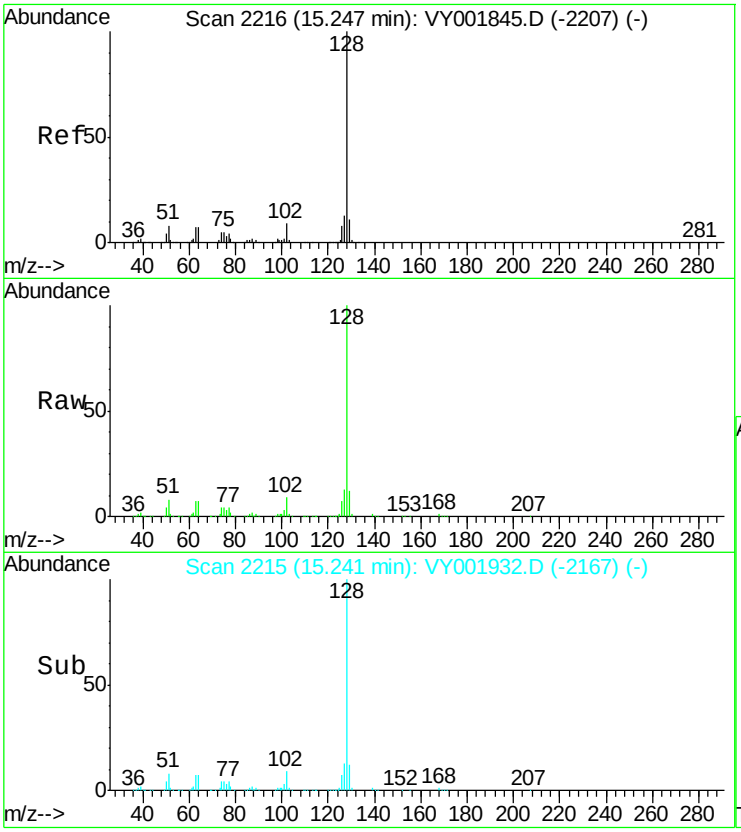




#94
Hexachlorobutadiene
Concen: 48.275 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion:225 Resp: 53697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.3 | 31.5 | 94.5 |
| 227 | 62.9 | 31.9 | 95.5 |



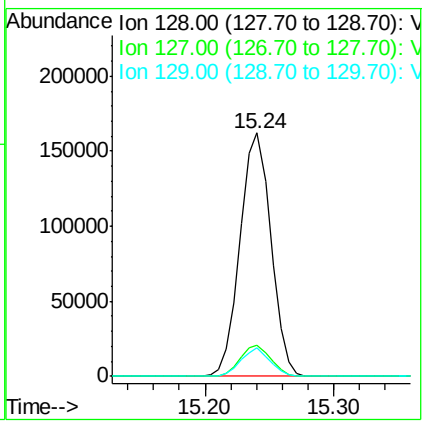


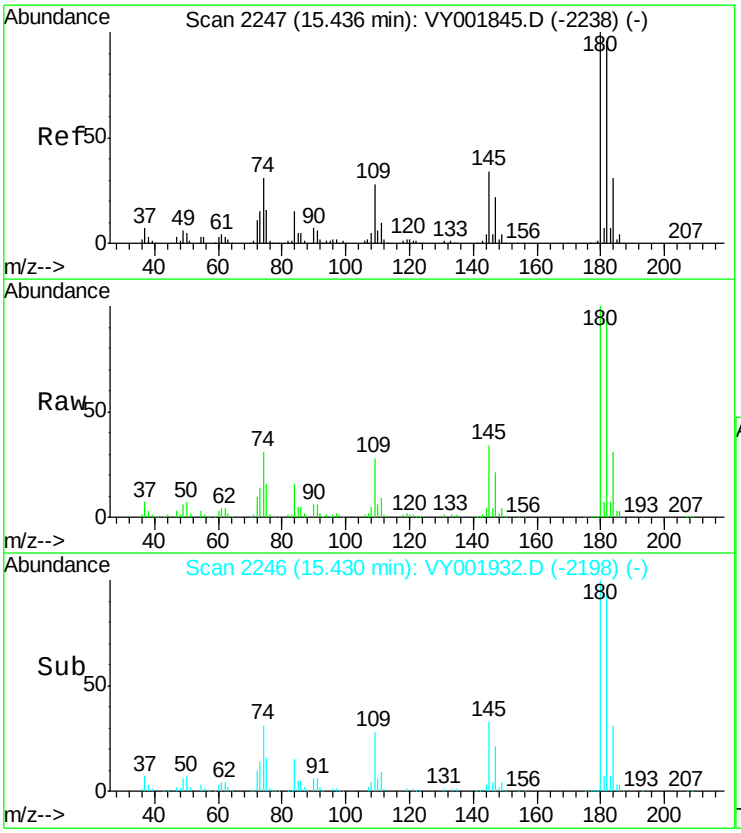

#95
Naphthalene
Concen: 49.666 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

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

Tgt Ion:128 Resp: 268773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.7 | 10.1 | 15.1 |
| 129 | 11.0 | 8.6 | 13.0 |




#96
1,2,3-Trichlorobenzene
Concen: 49.464 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY001932.D
Acq: 10 Mar 2020 19:02

Tgt Ion:180 Resp: 99416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.9 | 47.6 | 142.9 |
| 145 | 34.1 | 16.8 | 50.3 |