Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY021120\
Data File : VY001606.D
Acq On : 11 Feb 2020 17:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Feb 12 07:55:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.81 | 168 | 183985 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.71 | 114 | 326416 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.50 | 117 | 297936 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.43 | 152 | 144858 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.16 | 65 | 102891 | 55.54 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 111.08% | | | |
| 35) Dibromofluoromethane | 7.74 | 113 | 93976 | 49.93 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.86% | | | |
| 50) Toluene-d8 | 10.19 | 98 | 387445 | 54.41 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 108.82% | | | |
| 62) 4-Bromofluorobenzene | 12.49 | 95 | 144496 | 51.51 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 103.02% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.91 | 85 | 73009 | 40.538 | ug/l | 98 |
| 3) Chloromethane | 2.12 | 50 | 98978 | 52.583 | ug/l | 96 |
| 4) Vinyl Chloride | 2.26 | 62 | 102237 | 52.308 | ug/l | 97 |
| 5) Bromomethane | 2.66 | 94 | 67657 | 55.042 | ug/l | 95 |
| 6) Chloroethane | 2.80 | 64 | 64431 | 54.689 | ug/l | 95 |
| 7) Trichlorofluoromethane | 3.15 | 101 | 134251 | 41.497 | ug/l | 100 |
| 8) Diethyl Ether | 3.55 | 74 | 53374 | 48.889 | ug/l | 90 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.92 | 101 | 83513 | 42.902 | ug/l | 99 |
| 10) Methyl Iodide | 4.11 | 142 | 100149 | 40.378 | ug/l | 98 |
| 11) Tert butyl alcohol | 4.99 | 59 | 51569 | 247.172 | ug/l | 97 |
| 12) 1,1-Dichloroethene | 3.90 | 96 | 88077 | 45.533 | ug/l | 97 |
| 13) Acrolein | 3.75 | 56 | 46516 | 265.189 | ug/l | 100 |
| 14) Allyl chloride | 4.51 | 41 | 153383 | 51.834 | ug/l | 97 |
| 15) Acrylonitrile | 5.19 | 53 | 144096 | 287.909 | ug/l | 99 |
| 16) Acetone | 3.97 | 43 | 141808 | 264.644 | ug/l | 98 |
| 17) Carbon Disulfide | 4.22 | 76 | 274794 | 44.624 | ug/l | 98 |
| 18) Methyl Acetate | 4.51 | 43 | 64199 | 56.144 | ug/l | 95 |
| 19) Methyl tert-butyl Ether | 5.25 | 73 | 249271 | 48.457 | ug/l | 100 |
| 20) Methylene Chloride | 4.75 | 84 | 103900 | 49.470 | ug/l | 91 |
| 21) trans-1,2-Dichloroethene | 5.25 | 96 | 98480 | 45.796 | ug/l | 94 |
| 22) Diisopropyl ether | 6.15 | 45 | 324809 | 55.403 | ug/l | 93 |
| 23) Vinyl Acetate | 6.09 | 43 | 1086204 | 291.042 | ug/l | 96 |
| 24) 1,1-Dichloroethane | 6.05 | 63 | 171867 | 48.738 | ug/l | 97 |
| 25) 2-Butanone | 7.02 | 43 | 209266 | 301.026 | ug/l | 94 |
| 26) 2,2-Dichloropropane | 7.01 | 77 | 144568 | 42.836 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 7.02 | 96 | 110381 | 46.996 | ug/l | 97 |
| 28) Bromochloromethane | 7.36 | 49 | 79970 | 66.570 | ug/l | 88 |
| 29) Tetrahydrofuran | 7.37 | 42 | 149692 | 359.260 | ug/l | 93 |
| 30) Chloroform | 7.53 | 83 | 165850 | 46.431 | ug/l | 98 |
| 31) Cyclohexane | 7.80 | 56 | 166406 | 46.132 | ug/l | 94 |
| 32) 1,1,1-Trichloroethane | 7.72 | 97 | 141432 | 43.672 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 7.94 | 75 | 136373 | 45.669 | ug/l | 99 |
| 37) Ethyl Acetate | 7.10 | 43 | 84274 | 58.299 | ug/l | 96 |
| 38) Carbon Tetrachloride | 7.92 | 117 | 122535 | 42.414 | ug/l | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY021120\
Data File : VY001606.D
Acq On : 11 Feb 2020 17:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Feb 12 07:55:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.20 | 83 | 172514 | 43.876 ug/l | | 98 |
| 40) Benzene | 8.18 | 78 | 404245 | 47.462 ug/l | | 98 |
| 41) Methacrylonitrile | 7.37 | 41 | 126372 | 188.624 ug/l | # | 20 |
| 42) 1,2-Dichloroethane | 8.25 | 62 | 113208 | 47.709 ug/l | | 100 |
| 43) Isopropyl Acetate | 8.29 | 43 | 164636 | 57.522 ug/l | | 94 |
| 44) Trichloroethene | 8.96 | 130 | 101174 | 44.069 ug/l | | 98 |
| 45) 1,2-Dichloropropane | 9.23 | 63 | 104362 | 50.742 ug/l | | 98 |
| 46) Dibromomethane | 9.32 | 93 | 55578 | 48.124 ug/l | | 99 |
| 47) Bromodichloromethane | 9.51 | 83 | 129881 | 46.156 ug/l | | 97 |
| 48) Methyl methacrylate | 9.31 | 41 | 74914 | 57.670 ug/l | | 92 |
| 49) 1,4-Dioxane | 9.31 | 88 | 15811 | 1036.639 ug/l | | 92 |
| 51) 4-Methyl-2-Pentanone | 10.08 | 43 | 440011 | 312.172 ug/l | | 94 |
| 52) Toluene | 10.25 | 92 | 255347 | 47.249 ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 10.47 | 75 | 146851 | 47.914 ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 9.94 | 75 | 166316 | 47.267 ug/l | | 96 |
| 55) 1,1,2-Trichloroethane | 10.66 | 97 | 81530 | 49.204 ug/l | | 97 |
| 56) Ethyl methacrylate | 10.52 | 69 | 123538 | 52.418 ug/l | | 91 |
| 57) 1,3-Dichloropropane | 10.80 | 76 | 143792 | 49.229 ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 9.80 | 63 | 255455 | 294.641 ug/l | | 95 |
| 59) 2-Hexanone | 10.84 | 43 | 313305 | 305.711 ug/l | | 96 |
| 60) Dibromochloromethane | 10.99 | 129 | 89478 | 45.811 ug/l | | 99 |
| 61) 1,2-Dibromoethane | 11.10 | 107 | 77205 | 47.306 ug/l | | 98 |
| 64) Tetrachloroethene | 10.73 | 164 | 81277 | 41.597 ug/l | | 95 |
| 65) Chlorobenzene | 11.52 | 112 | 265416 | 45.371 ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 11.60 | 131 | 88982 | 43.460 ug/l | | 100 |
| 67) Ethyl Benzene | 11.60 | 91 | 490174 | 45.318 ug/l | | 99 |
| 68) m/p-Xylenes | 11.71 | 106 | 368638 | 90.786 ug/l | | 98 |
| 69) o-Xylene | 12.03 | 106 | 175741 | 45.903 ug/l | | 99 |
| 70) Styrene | 12.05 | 104 | 305360 | 46.122 ug/l | | 98 |
| 71) Bromoform | 12.22 | 173 | 54079 | 47.435 ug/l | # | 99 |
| 73) Isopropylbenzene | 12.33 | 105 | 465203 | 42.107 ug/l | | 100 |
| 74) N-amyl acetate | 12.15 | 43 | 159532 | 55.569 ug/l | | 95 |
| 75) 1,1,2,2-Tetrachloroethane | 12.59 | 83 | 104982 | 50.014 ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 12.64 | 75 | 134786 | 86.523 ug/l | # | 100 |
| 77) Bromobenzene | 12.61 | 156 | 103275 | 43.194 ug/l | | 94 |
| 78) n-propylbenzene | 12.67 | 91 | 573431 | 43.355 ug/l | | 99 |
| 79) 2-Chlorotoluene | 12.76 | 91 | 320358 | 42.492 ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 12.81 | 105 | 393938 | 42.339 ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75 | 40149 | 49.869 ug/l | | 98 |
| 82) 4-Chlorotoluene | 12.86 | 91 | 336347 | 42.551 ug/l | | 99 |
| 83) tert-Butylbenzene | 13.08 | 119 | 334616 | 42.546 ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 13.13 | 105 | 391058 | 42.465 ug/l | | 99 |
| 85) sec-Butylbenzene | 13.26 | 105 | 479112 | 43.329 ug/l | | 99 |
| 86) p-Isopropyltoluene | 13.38 | 119 | 417731 | 42.869 ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 13.37 | 146 | 201376 | 43.949 ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 13.45 | 146 | 203482 | 44.327 ug/l | | 99 |
| 89) n-Butylbenzene | 13.70 | 91 | 425071 | 44.212 ug/l | | 100 |
| 90) Hexachloroethane | 13.97 | 117 | 77626 | 41.505 ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 13.74 | 146 | 185679 | 44.716 ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75 | 17385 | 44.864 ug/l | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021120\
Data File : VY001606.D
Acq On : 11 Feb 2020 17:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Feb 12 07:55:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.01 | 180 | 119338 | 42.647 | ug/l | 98 |
| 94) Hexachlorobutadiene | 15.12 | 225 | 58312 | 41.059 | ug/l | 100 |
| 95) Naphthalene | 15.24 | 128 | 291130 | 44.269 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.43 | 180 | 108479 | 43.917 | ug/l | 97 |

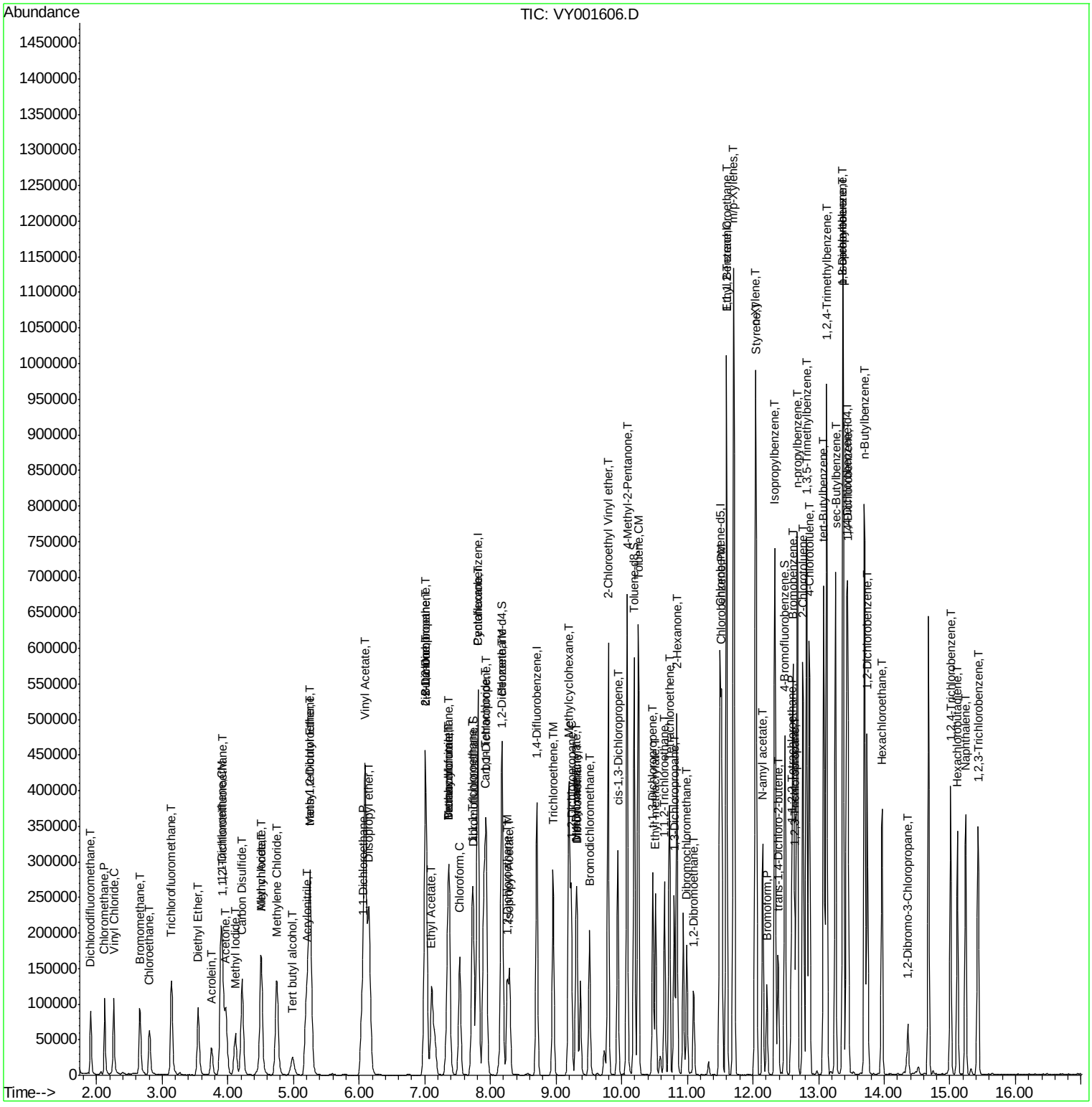
(#) = qualifier out of range (m) = manual integration (+) = signals summed

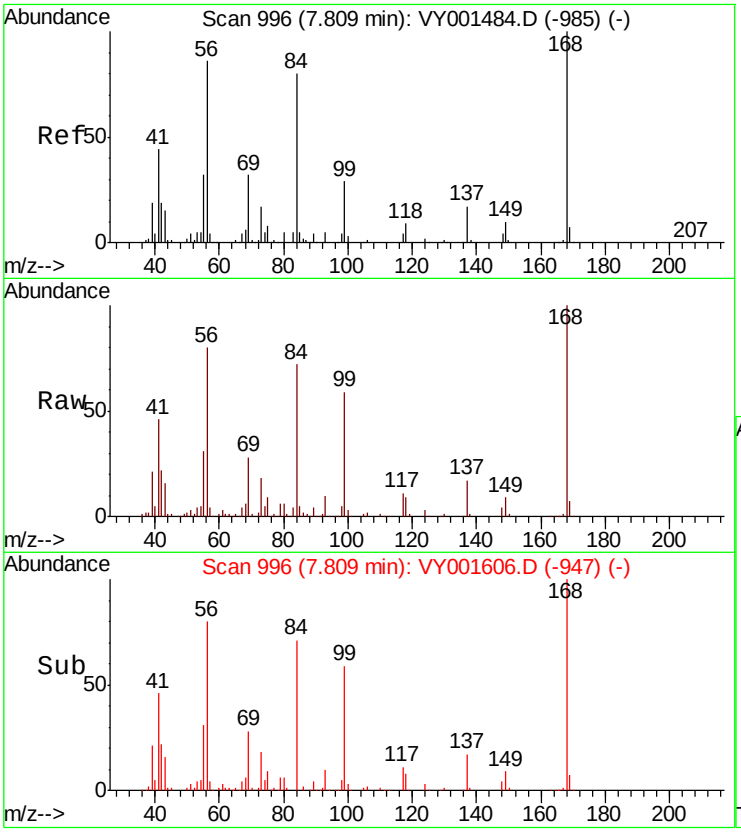
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY021120\
Data File : VY001606.D
Acq On : 11 Feb 2020 17:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Feb 12 07:55:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration



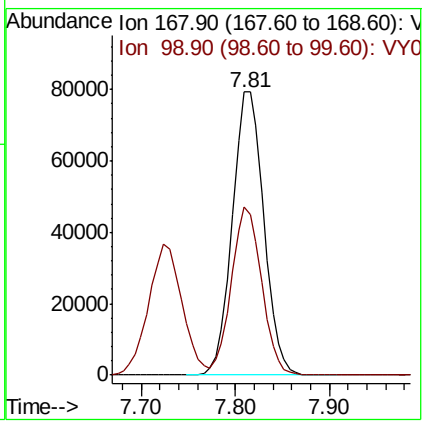


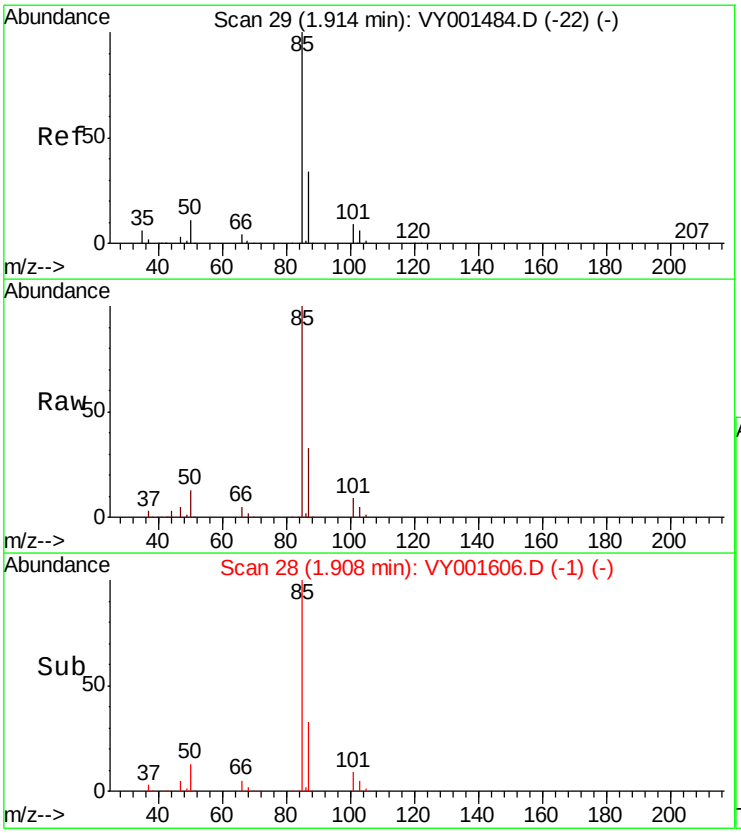

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion:168 Resp: 183985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.3 | 48.2 | 72.4 |

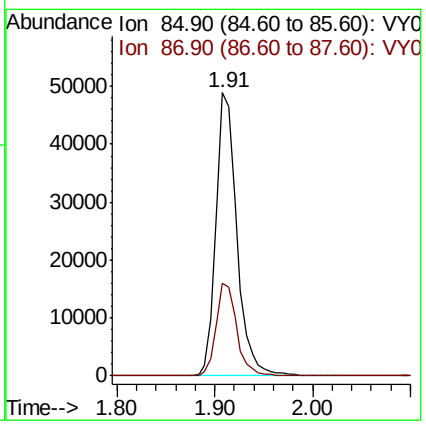


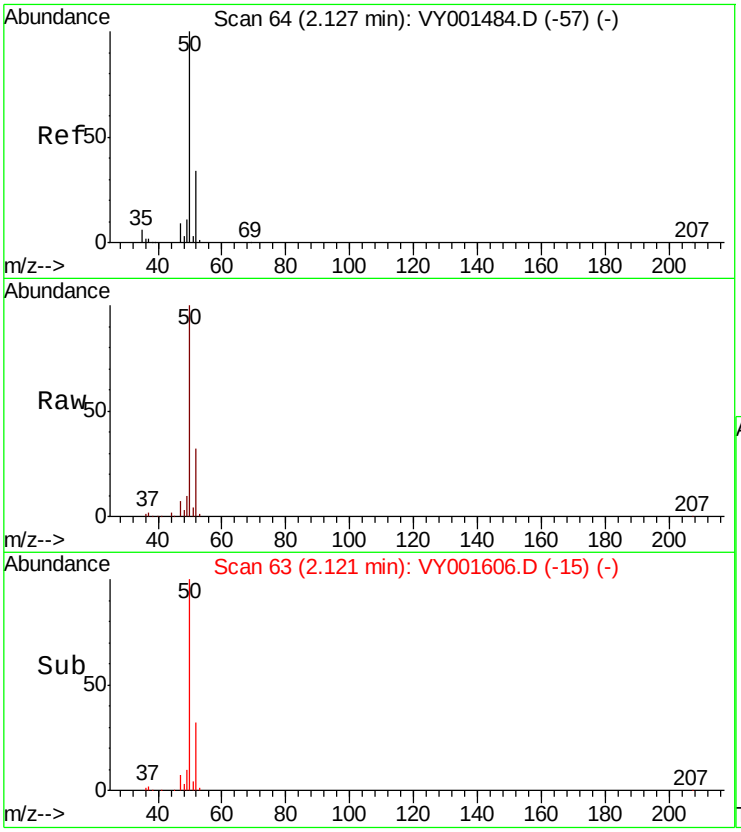




#2
Dichlorodifluoromethane
Concen: 40.538 ug/l
RT: 1.91 min Scan# 28
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 85 Resp: 73009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.8 | 17.0 | 50.9 |



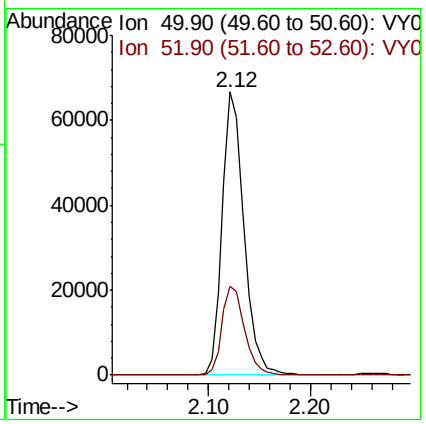


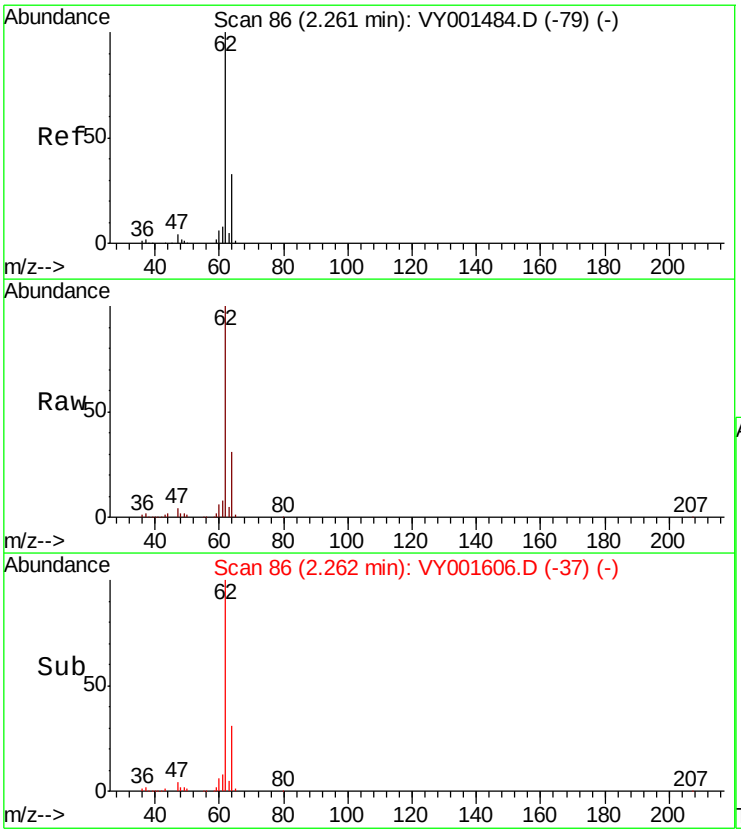

#3
Chloromethane
Concen: 52.583 ug/l
RT: 2.12 min Scan# 63
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 50 Resp: 98978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.6 | 27.3 | 40.9 |

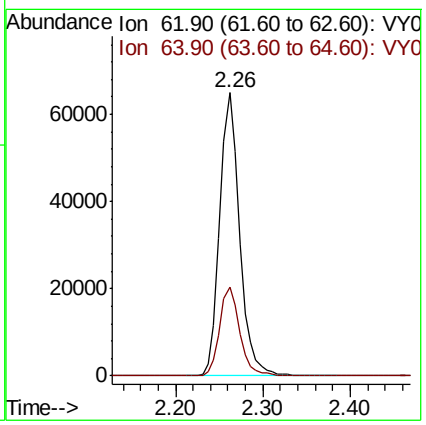


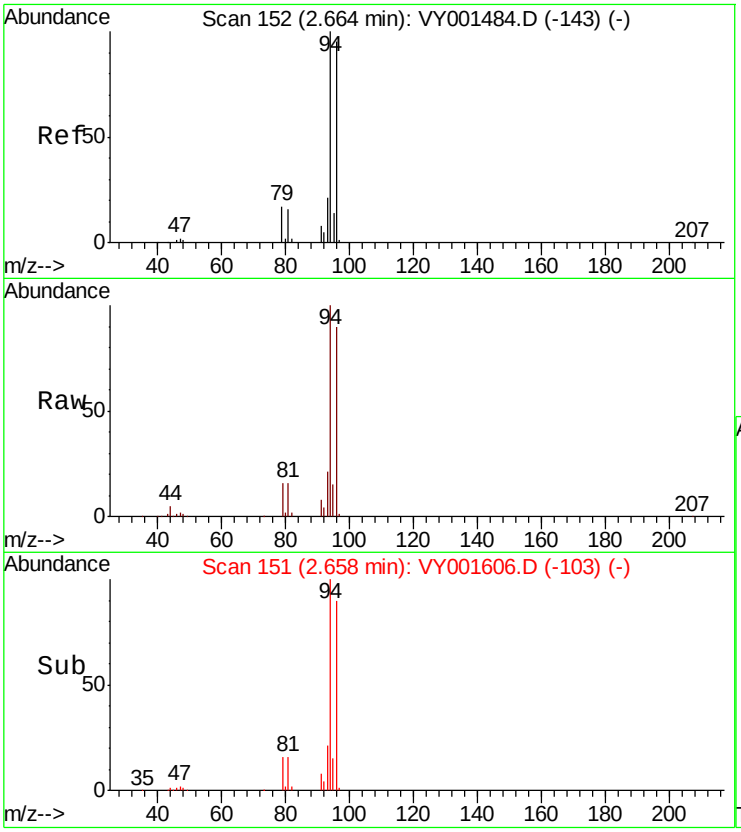




#4
Vinyl Chloride
Concen: 52.308 ug/l
RT: 2.26 min Scan# 86
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 62 Resp: 102237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.3 | 26.4 | 39.6 |



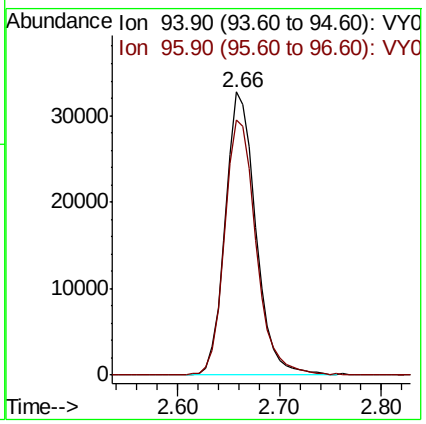


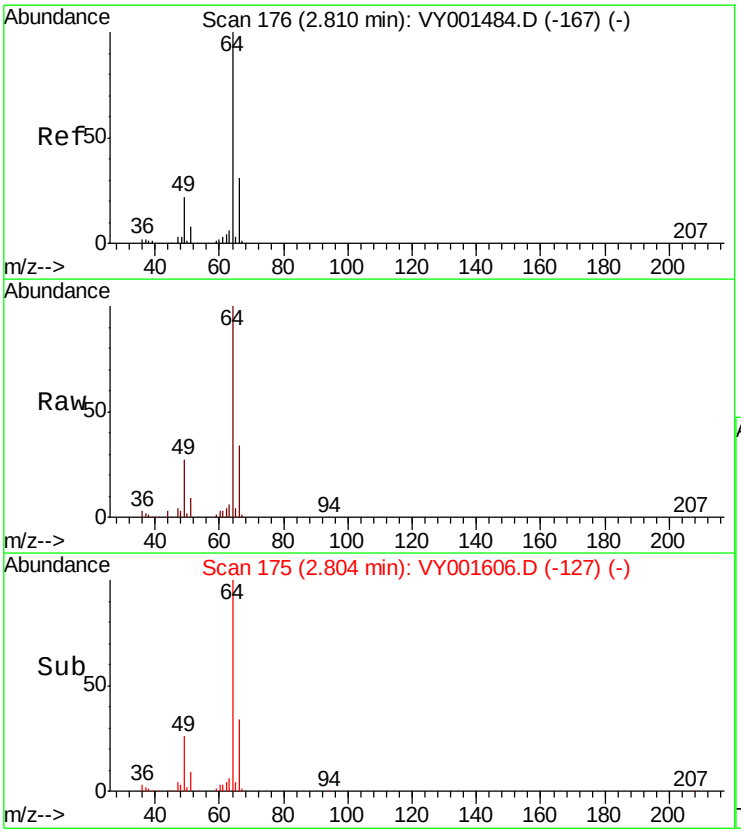

#5
Bromomethane
Concen: 55.042 ug/l
RT: 2.66 min Scan# 151
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 94 Resp: 67657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 90.4 | 76.2 | 114.2 |

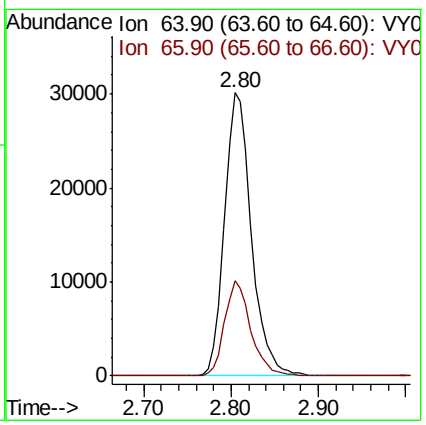


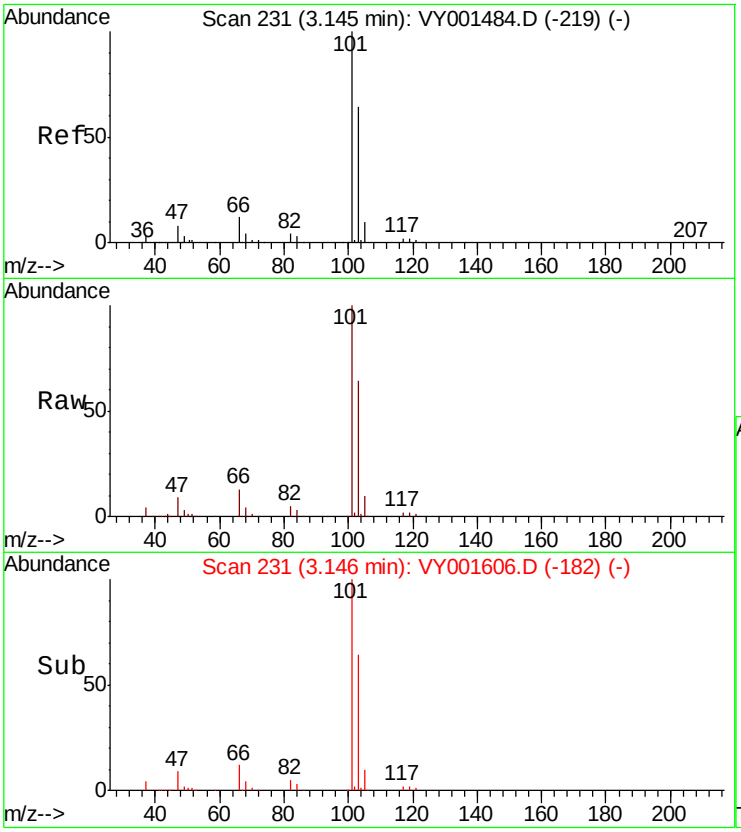




#6
Chloroethane
Concen: 54.689 ug/l
RT: 2.80 min Scan# 175
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 64 Resp: 64431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 33.5 | 24.5 | 36.7 |



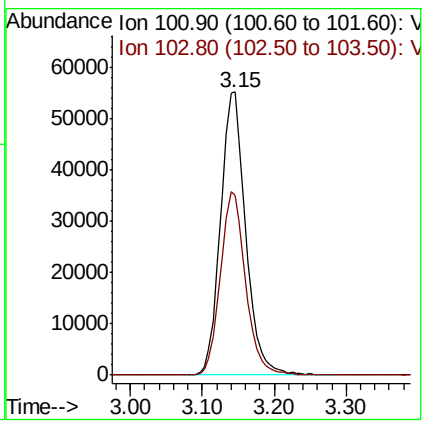


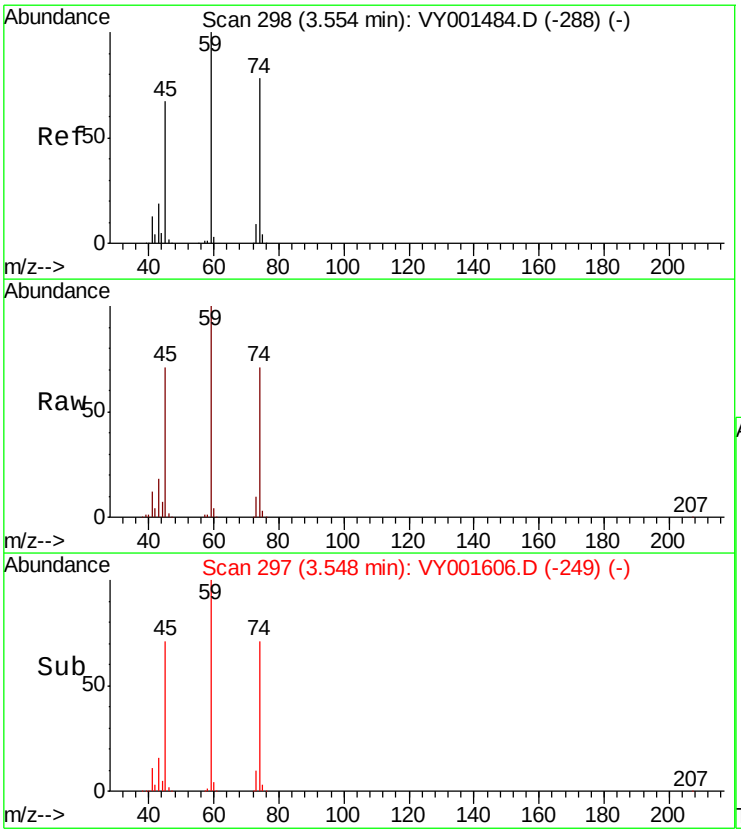

#7
Trichlorofluoromethane
Concen: 41.497 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion:101 Resp: 134251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 63.6 | 50.9 | 76.3 |

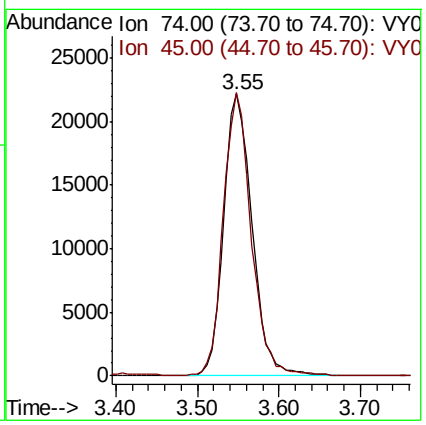


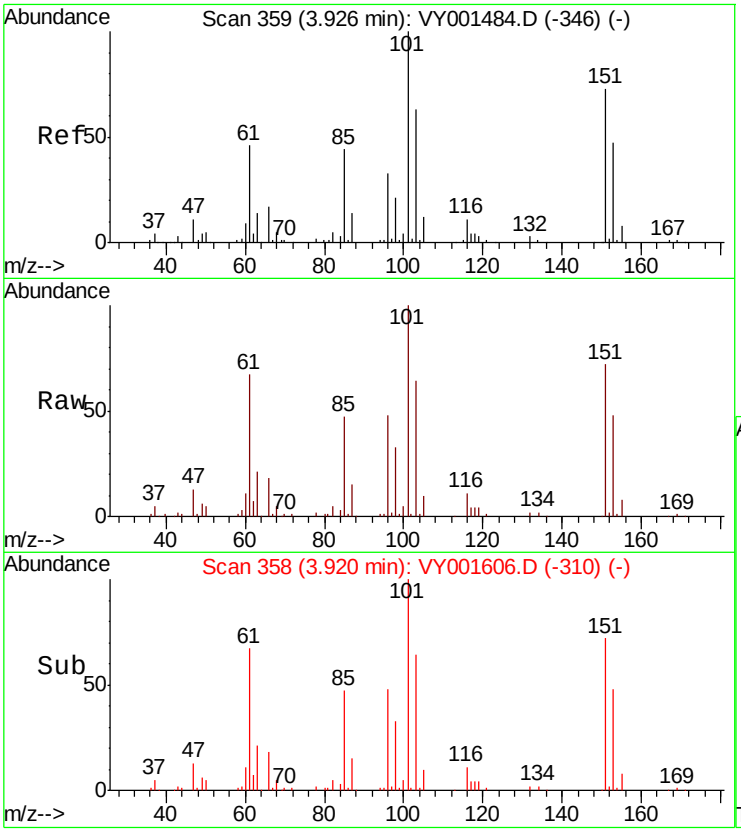




#8
Diethyl Ether
Concen: 48.889 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 74 Resp: 53374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 98.8 | 44.5 | 133.5 |



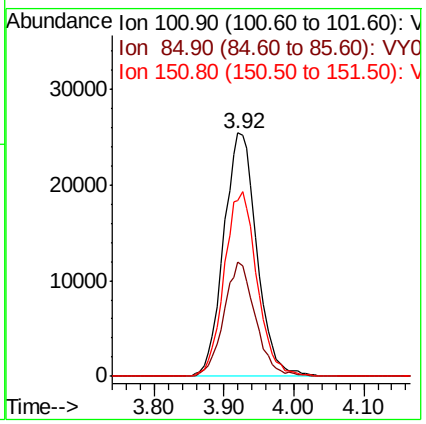


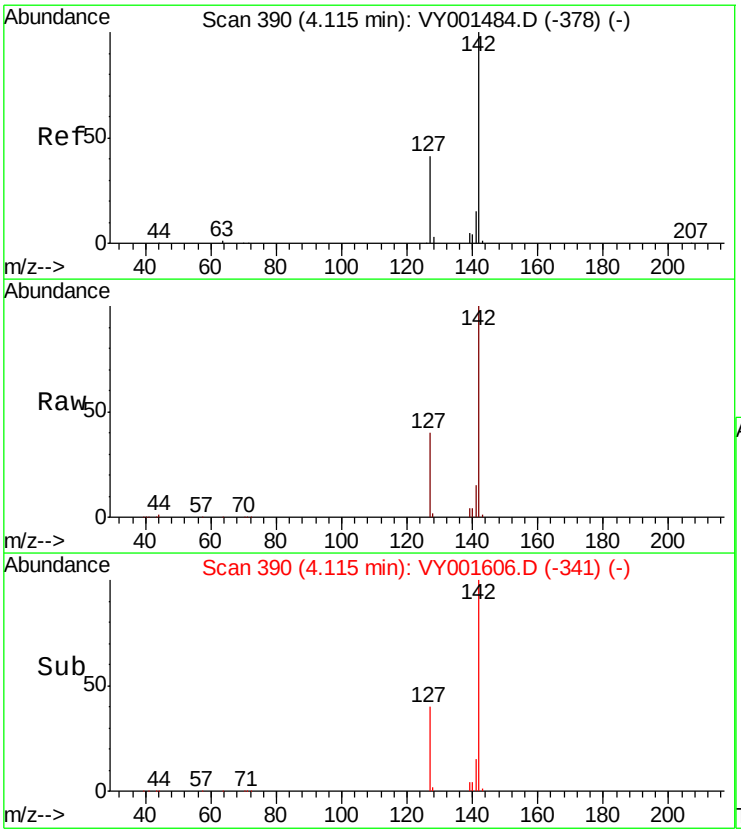

#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.902 ug/l
RT: 3.92 min Scan# 358
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion:101 Resp: 83513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.6 | 34.6 | 51.8 |
| 151 | 75.2 | 60.3 | 90.5 |

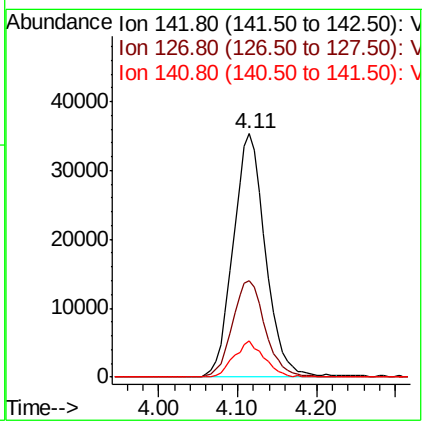


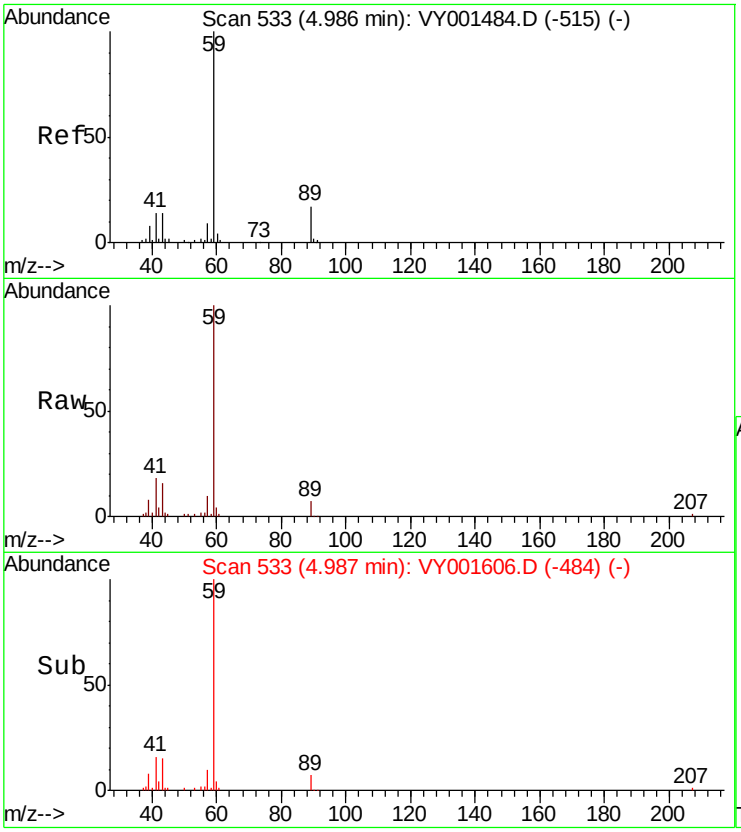




#10
Methyl Iodide
Concen: 40.378 ug/l
RT: 4.11 min Scan# 390
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion:142 Resp: 100149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 40.3 | 33.3 | 49.9 |
| 141 | 14.1 | 11.5 | 17.3 |



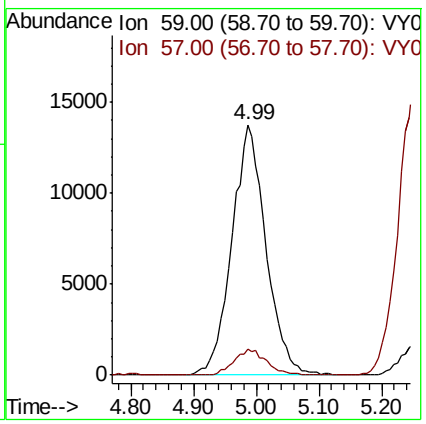


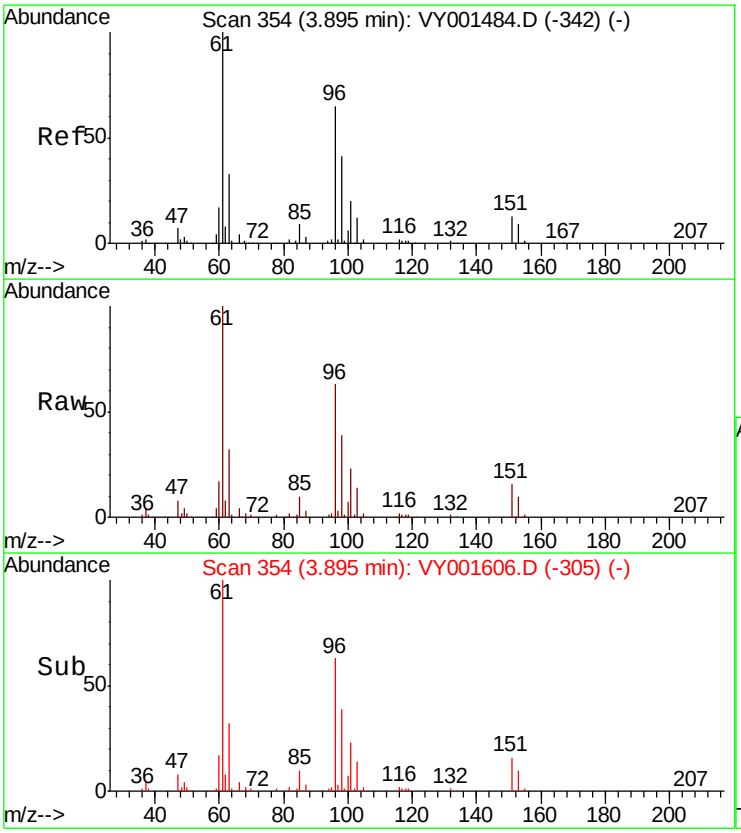

#11
Tert butyl alcohol
Concen: 247.172 ug/l
RT: 4.99 min Scan# 533
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 59 Resp: 51569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.9 | 7.0 | 10.6 |

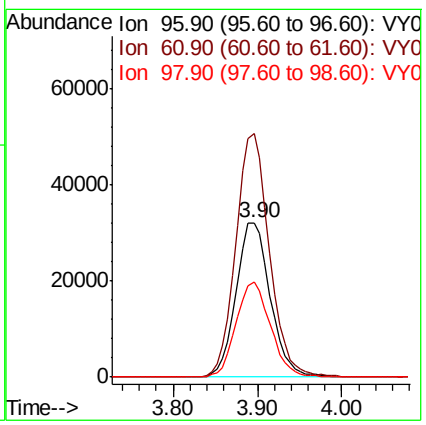


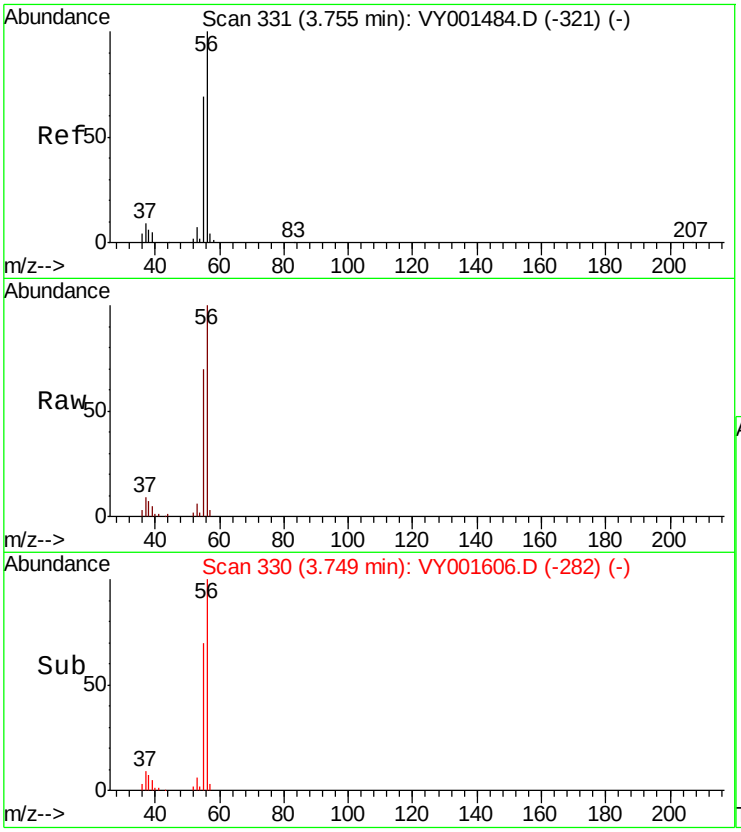




#12
1,1-Dichloroethene
Concen: 45.533 ug/l
RT: 3.90 min Scan# 354
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 96 Resp: 88077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 157.5 | 122.3 | 183.5 |
| 98 | 61.8 | 49.7 | 74.5 |



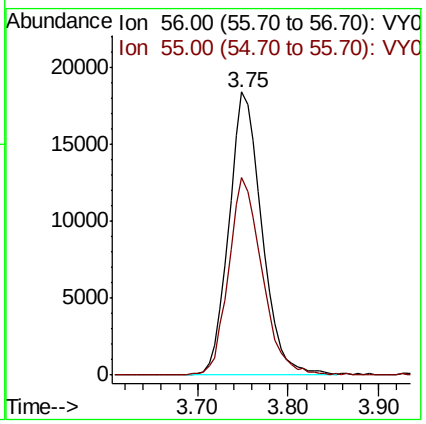


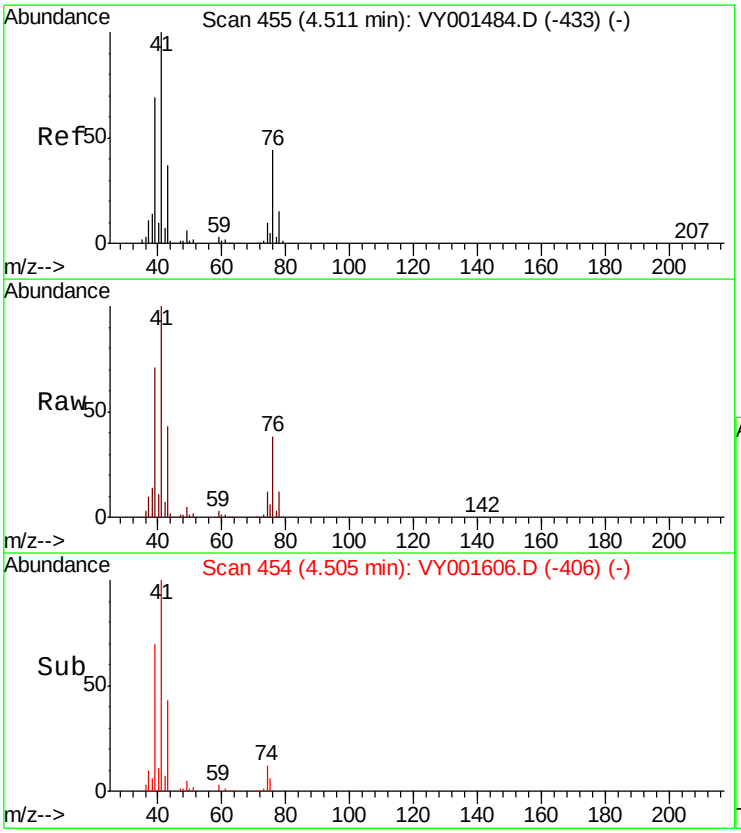

#13
Acrolein
Concen: 265.189 ug/l
RT: 3.75 min Scan# 330
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 56 Resp: 46516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.7 | 56.2 | 84.4 |

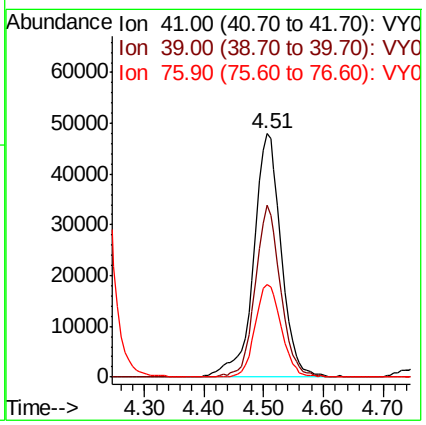


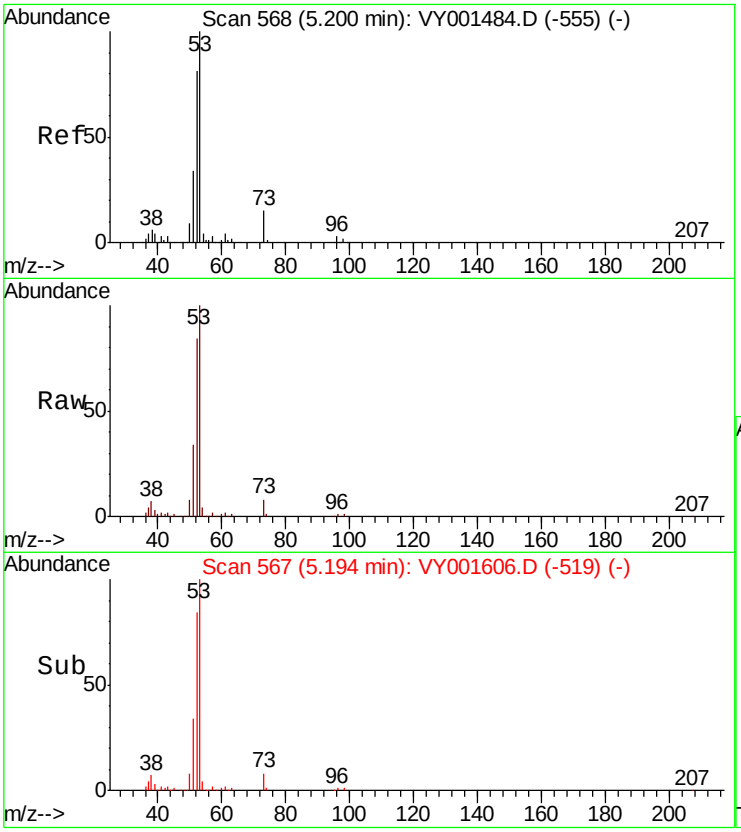




#14
Allyl chloride
Concen: 51.834 ug/l
RT: 4.51 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 41 Resp: 153383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 65.4 | 53.0 | 79.6 |
| 76 | 36.4 | 32.6 | 48.8 |



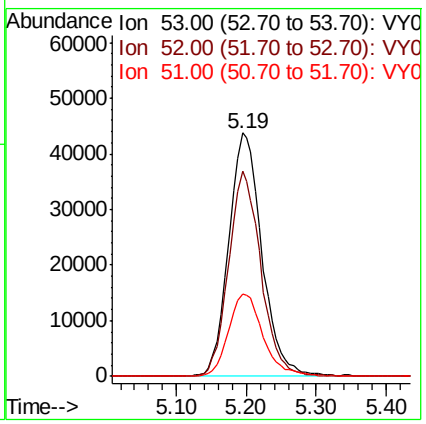


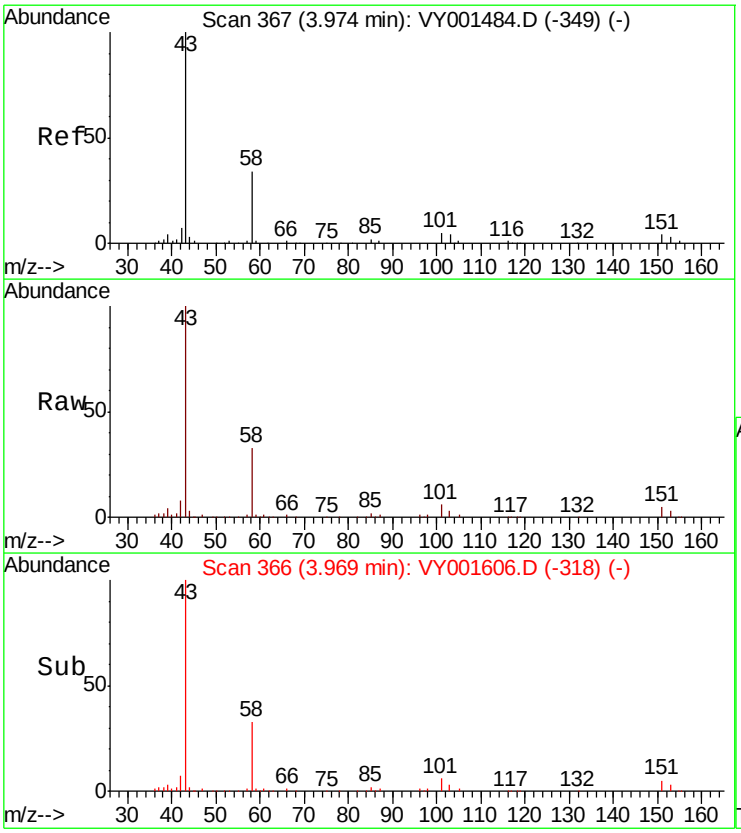

#15
Acrylonitrile
Concen: 287.909 ug/l
RT: 5.19 min Scan# 567
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 53 Resp: 144096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 81.8 | 65.4 | 98.2 |
| 51 | 35.2 | 29.0 | 43.4 |

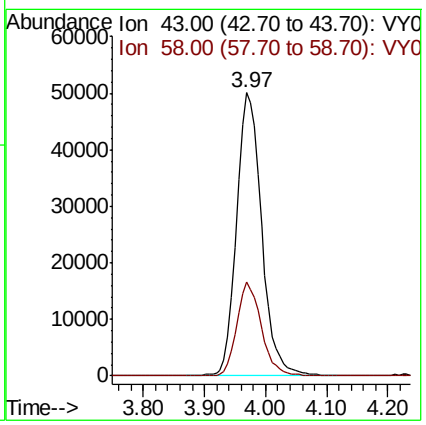


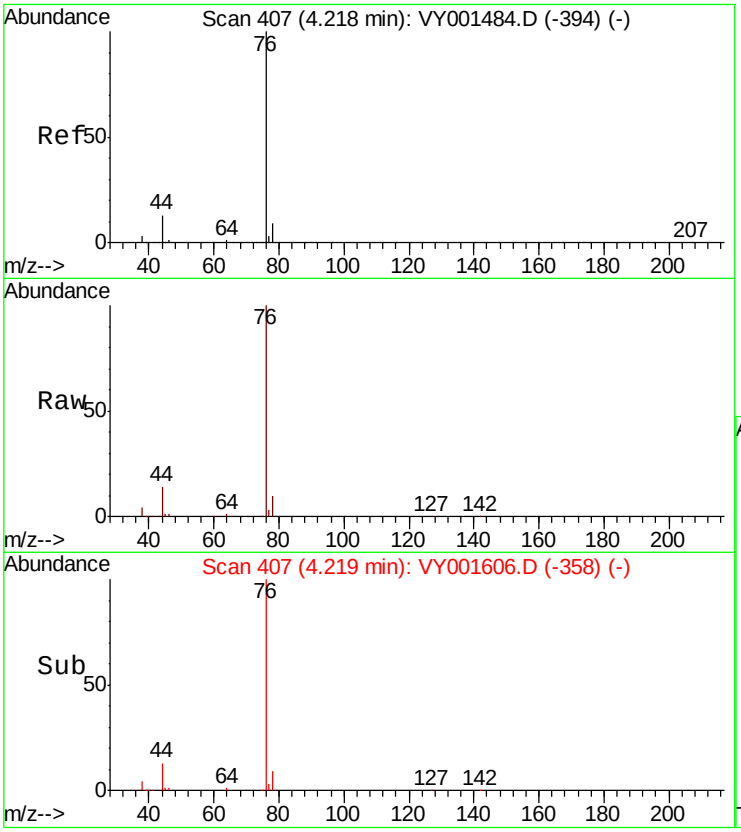




#16
Acetone
Concen: 264.644 ug/l
RT: 3.97 min Scan# 366
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 43 Resp: 141808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.1 | 27.5 | 41.3 |



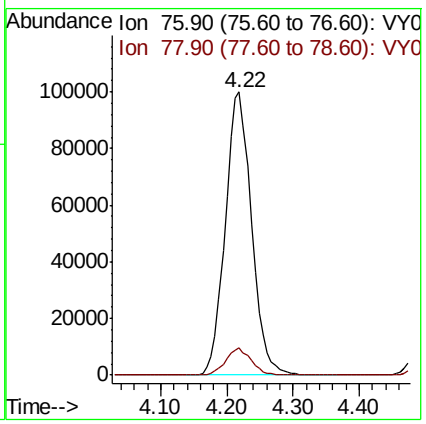


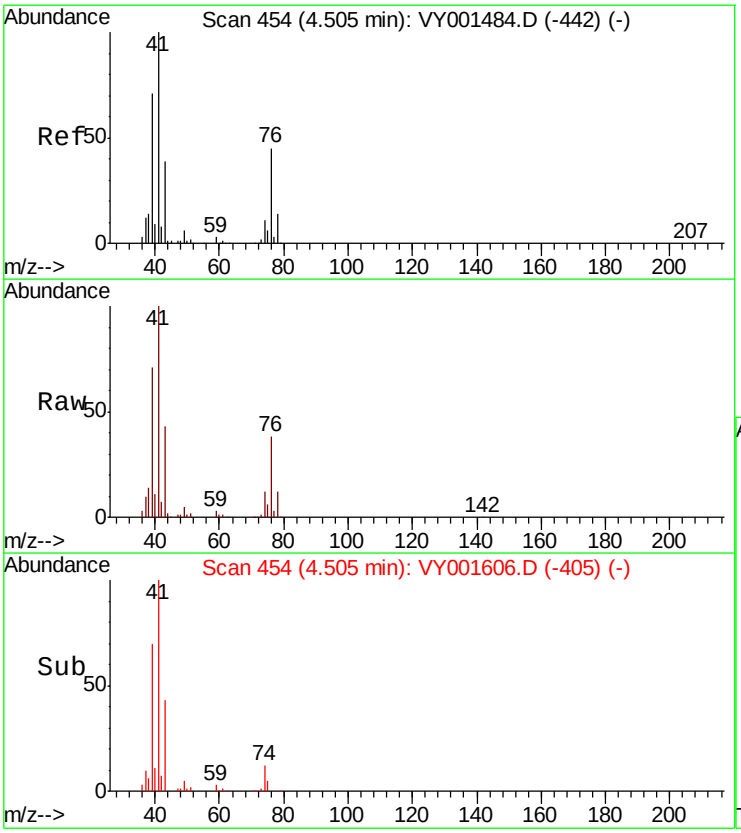

#17
Carbon Disulfide
Concen: 44.624 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 76 Resp: 274794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.6 | 7.0 | 10.6 |

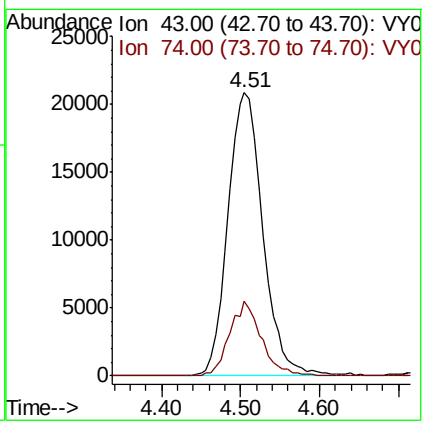


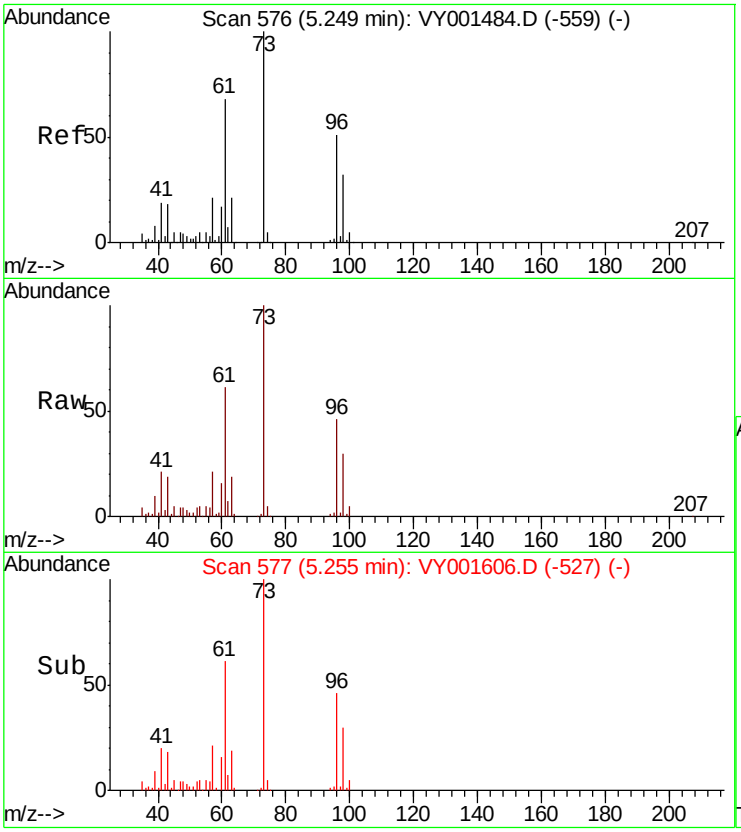




#18
Methyl Acetate
Concen: 56.144 ug/l
RT: 4.51 min Scan# 454
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 43 Resp: 64199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 23.9 | 21.0 | 31.6 |



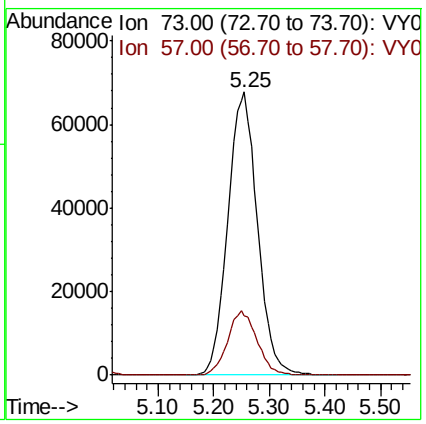


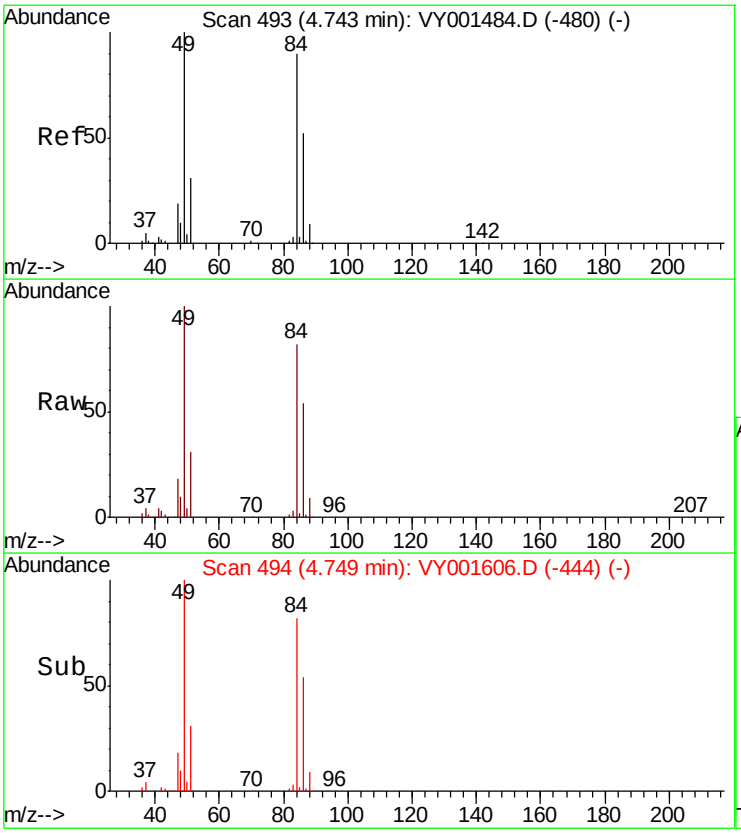

#19
Methyl tert-butyl Ether
Concen: 48.457 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 73 Resp: 249271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 21.1 | 17.0 | 25.6 |

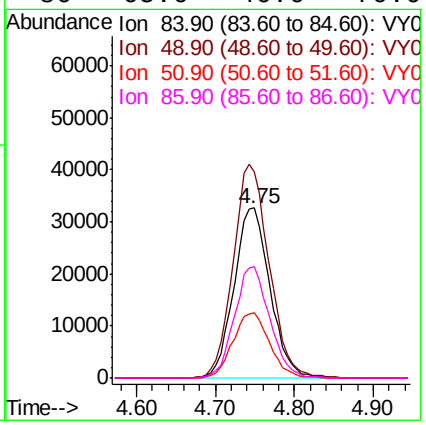


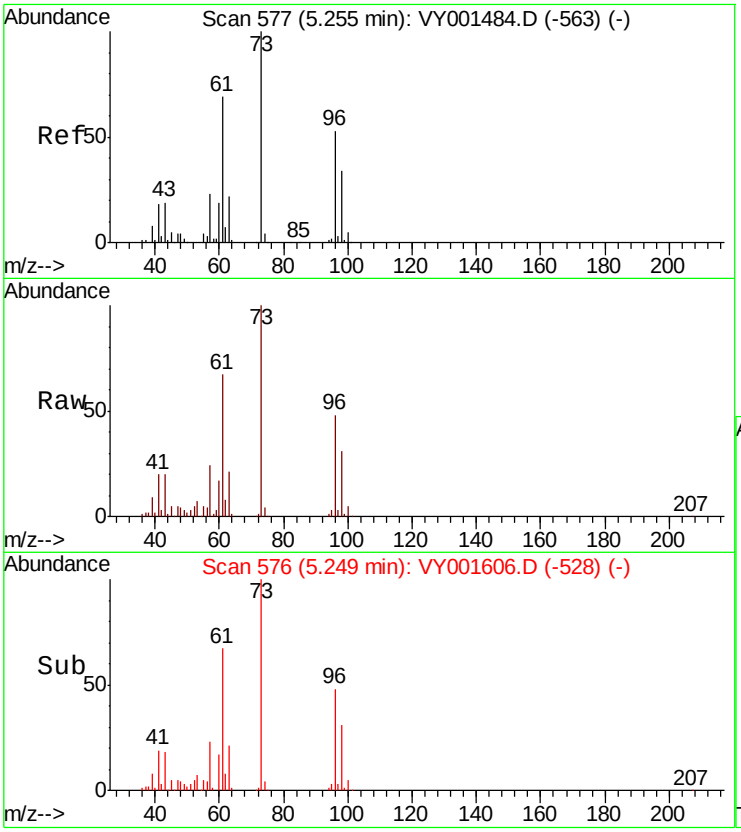




#20
Methylene Chloride
Concen: 49.470 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 84 Resp: 103900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 121.5 | 89.0 | 133.6 |
| 51 | 38.1 | 27.4 | 41.2 |
| 86 | 65.6 | 46.6 | 70.0 |



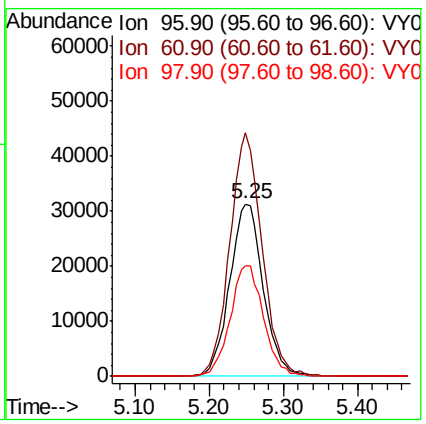


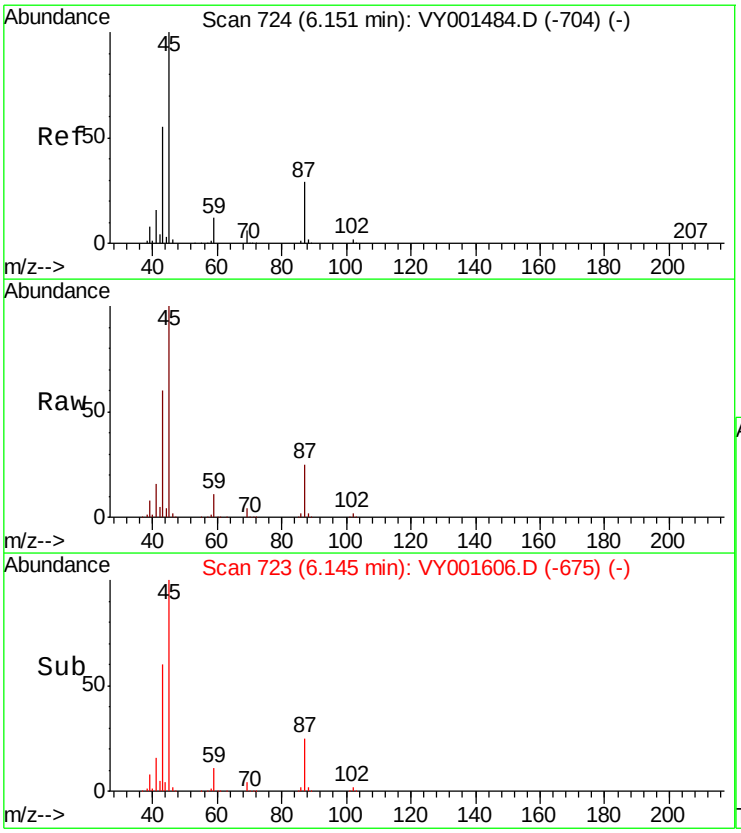

#21
trans-1,2-Dichloroethene
Concen: 45.796 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 96 Resp: 98480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 141.5 | 104.2 | 156.4 |
| 98 | 64.2 | 51.4 | 77.0 |

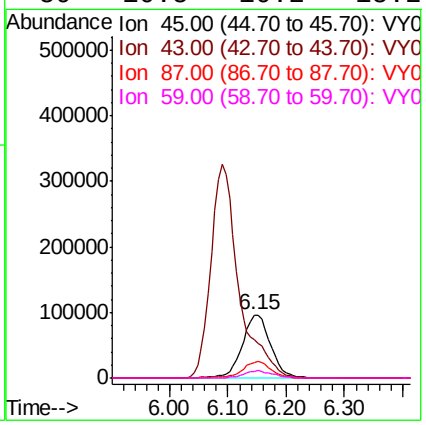


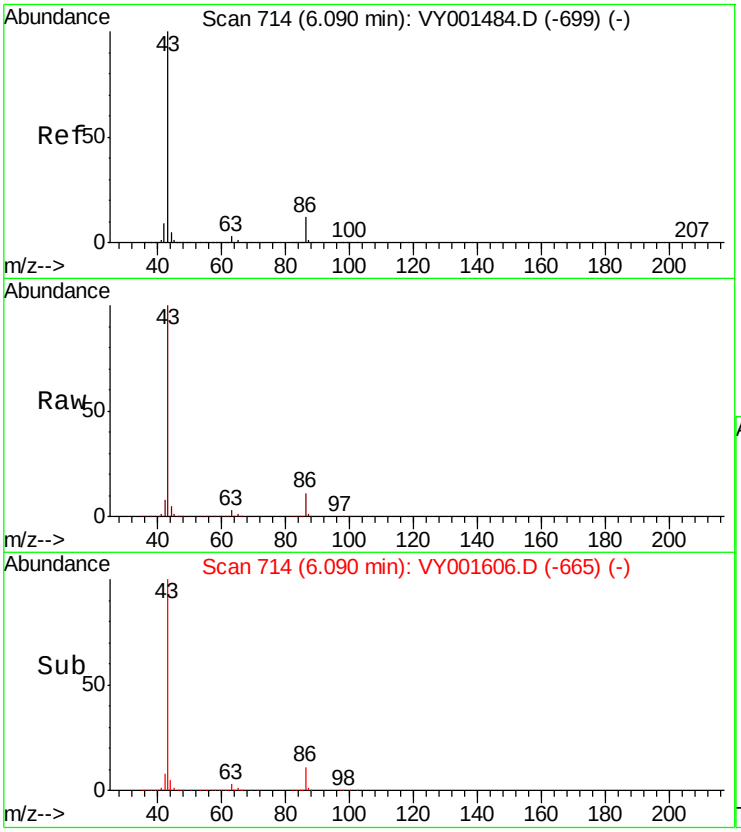




#22
Diisopropyl ether
Concen: 55.403 ug/l
RT: 6.15 min Scan# 723
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 45 Resp: 324809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 60.0 | 44.2 | 66.4 |
| 87 | 24.6 | 23.9 | 35.9 |
| 59 | 10.5 | 10.2 | 15.2 |



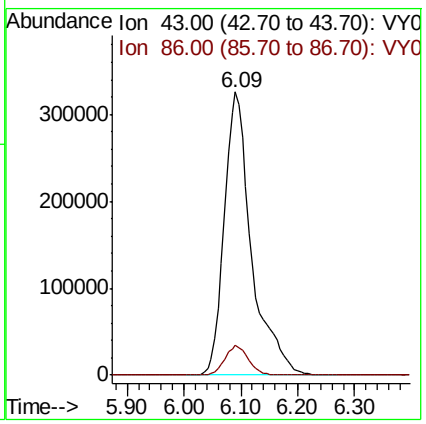


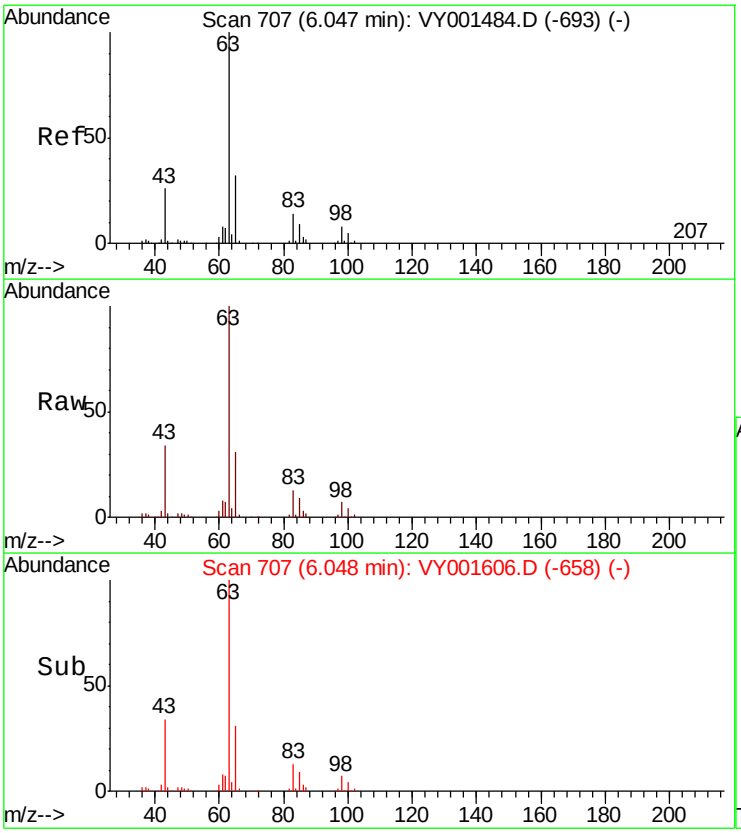

#23
Vinyl Acetate
Concen: 291.042 ug/l
RT: 6.09 min Scan# 714
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 43 Resp: 1086204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.6 | 9.8 | 14.8 |

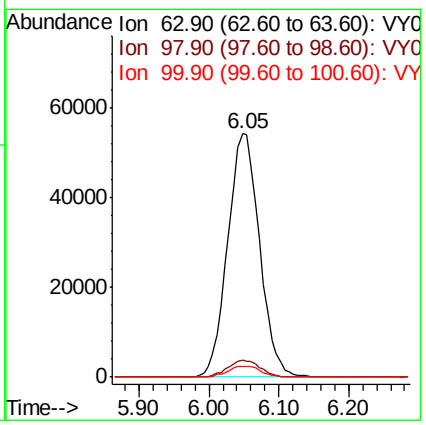


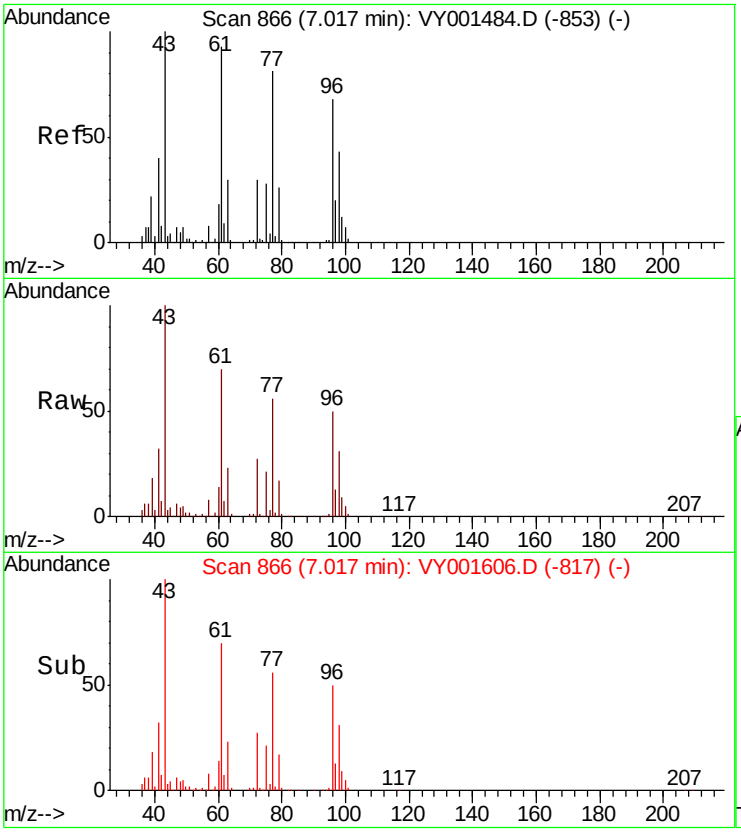




#24
1,1-Dichloroethane
Concen: 48.738 ug/l
RT: 6.05 min Scan# 707
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 63 Resp: 171867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.0 | 4.0 | 11.9 |
| 100 | 4.4 | 2.6 | 8.0 |



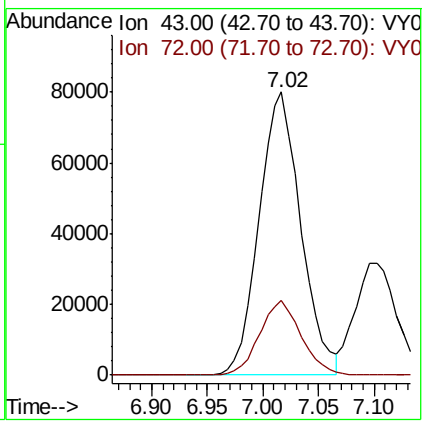


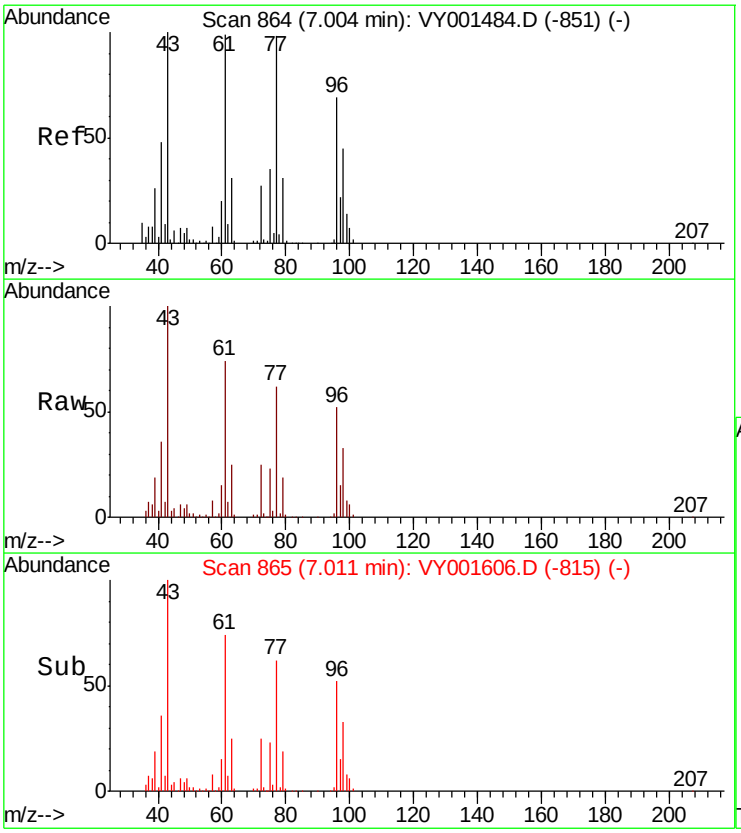

#25
2-Butanone
Concen: 301.026 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 43 Resp: 209266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.5 | 23.8 | 35.8 |

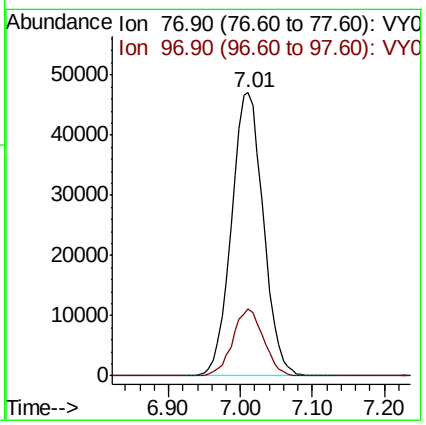


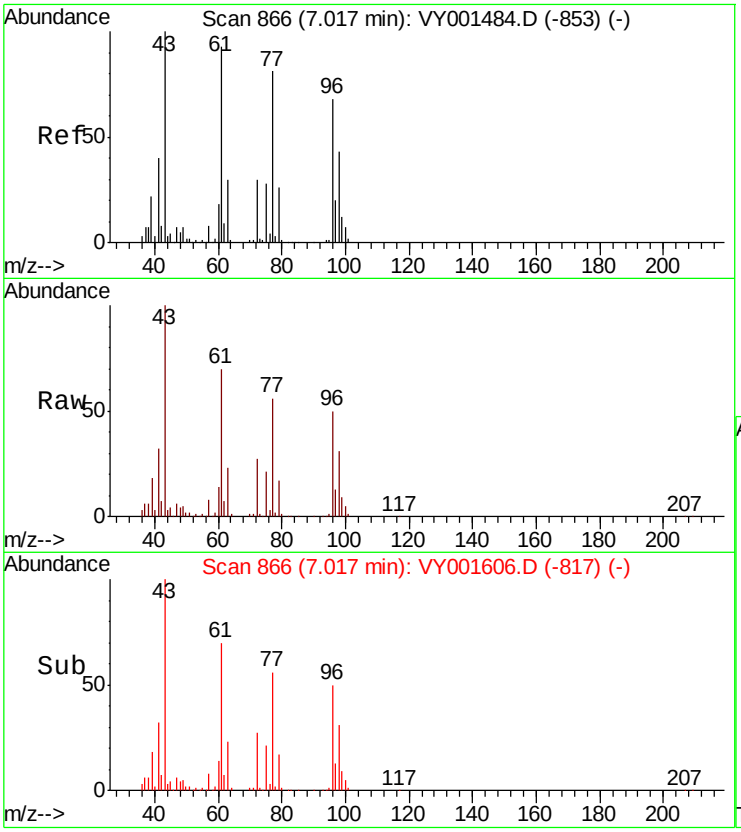




#26
2,2-Dichloropropane
Concen: 42.836 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 77 Resp: 144568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.9 | 11.7 | 35.0 |



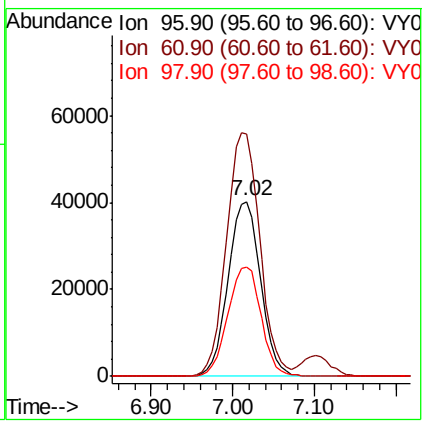


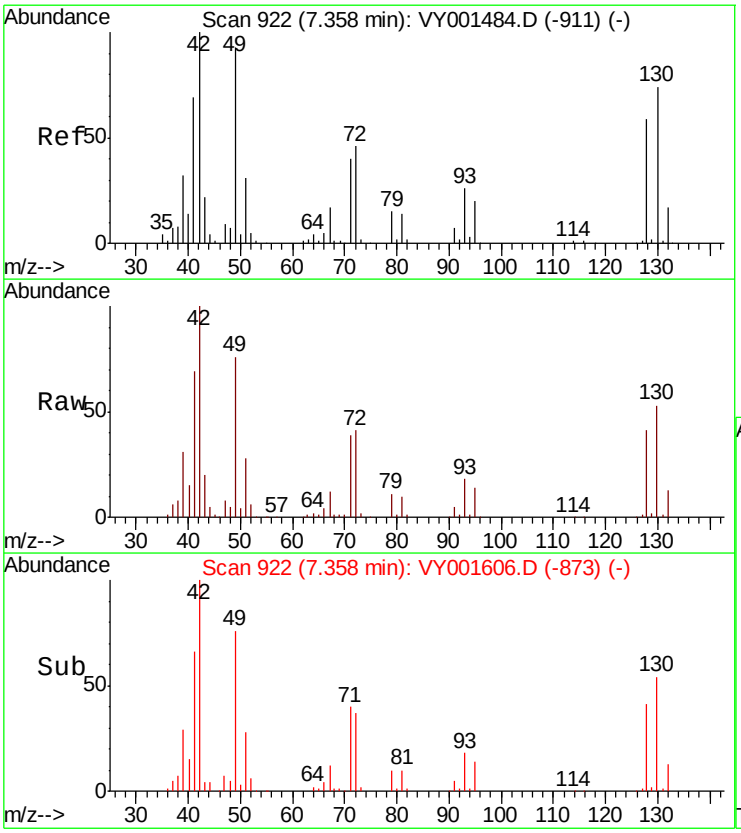

#27
cis-1,2-Dichloroethene
Concen: 46.996 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 96 Resp: 110381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 143.6 | 0.0 | 278.8 |
| 98 | 63.9 | 0.0 | 128.8 |

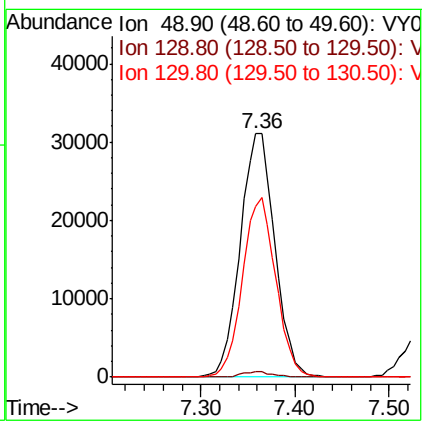


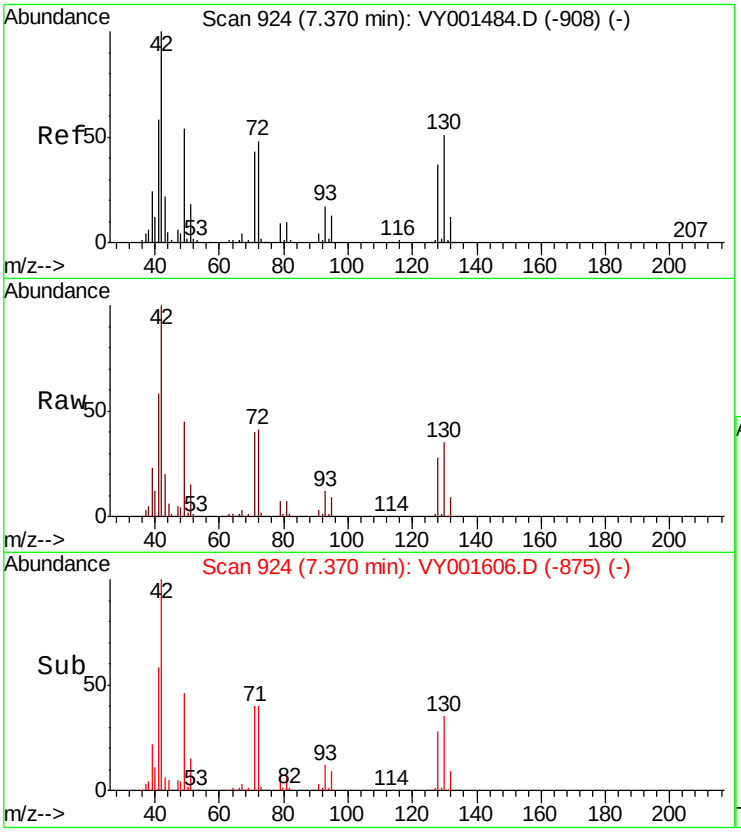




#28
Bromochloromethane
Concen: 66.570 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 49 Resp: 79970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.0 | 0.0 | 4.8 |
| 130 | 71.1 | 65.4 | 98.2 |



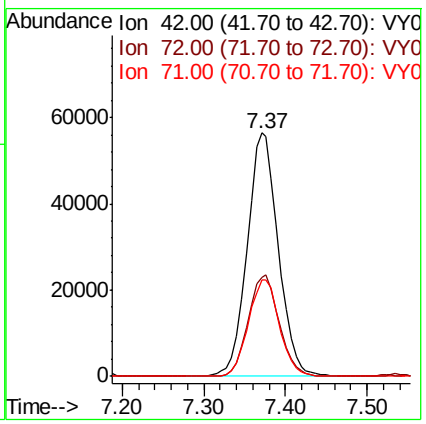


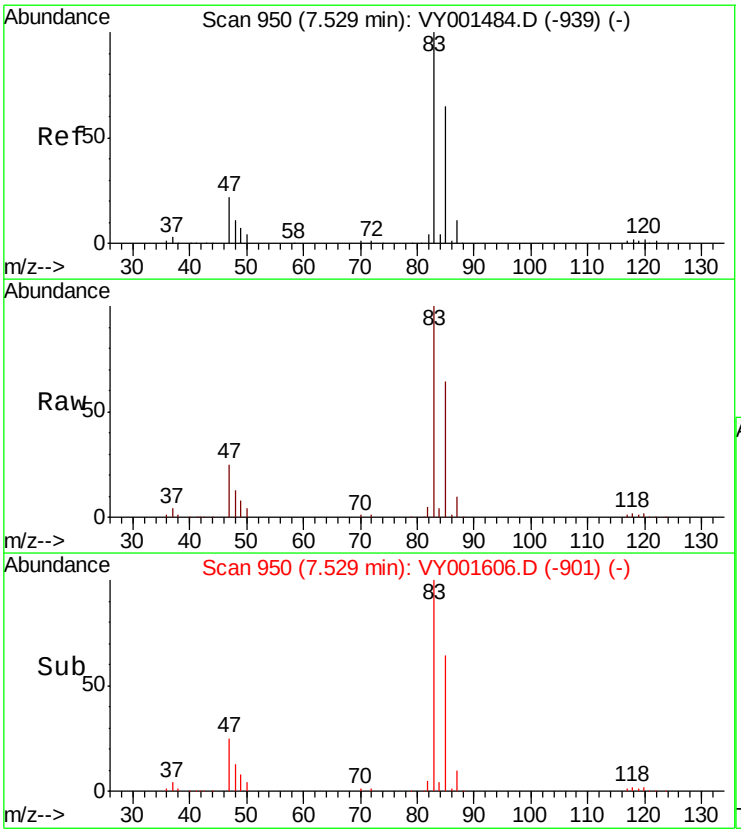

#29
Tetrahydrofuran
Concen: 359.260 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 42 Resp: 149692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 41.5 | 37.8 | 56.6 |
| 71 | 39.7 | 34.8 | 52.2 |

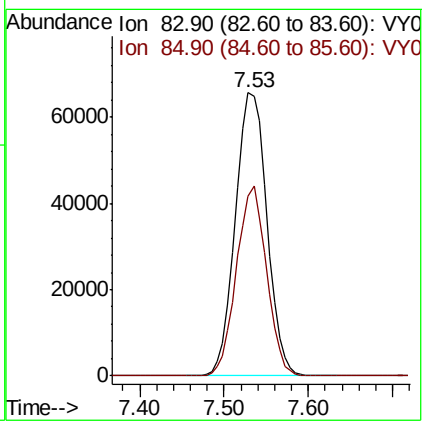


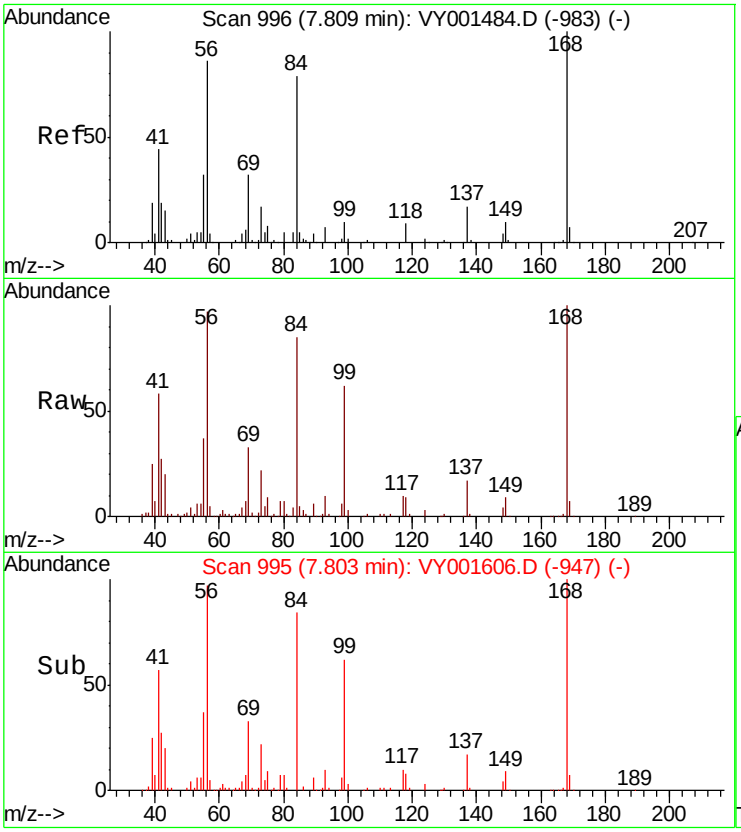




#30
Chloroform
Concen: 46.431 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 83 Resp: 165850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.7 | 52.4 | 78.6 |



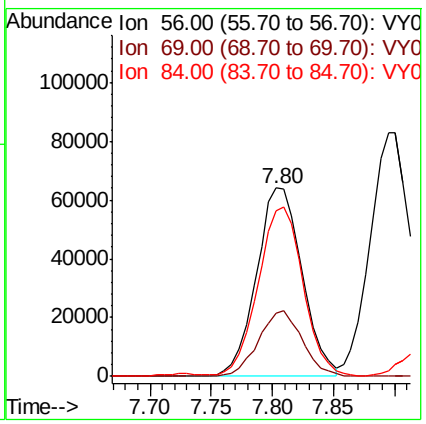


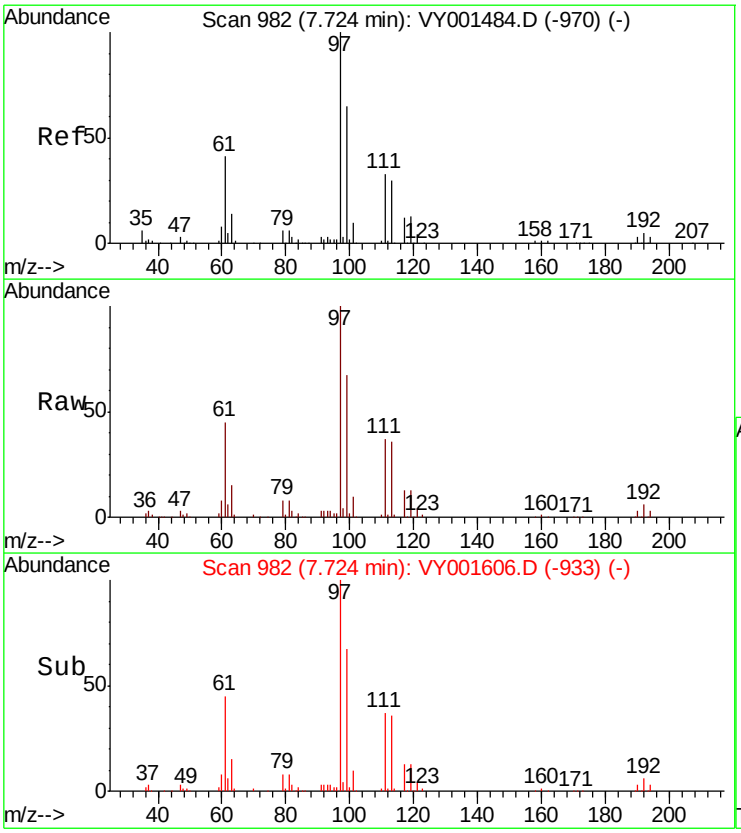

#31
Cyclohexane
Concen: 46.132 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 56 Resp: 166406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 33.7 | 29.6 | 44.4 |
| 84 | 86.2 | 73.6 | 110.4 |

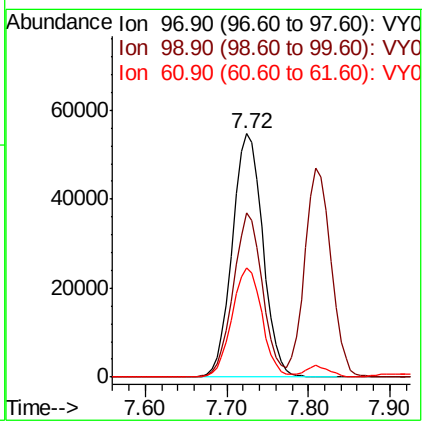


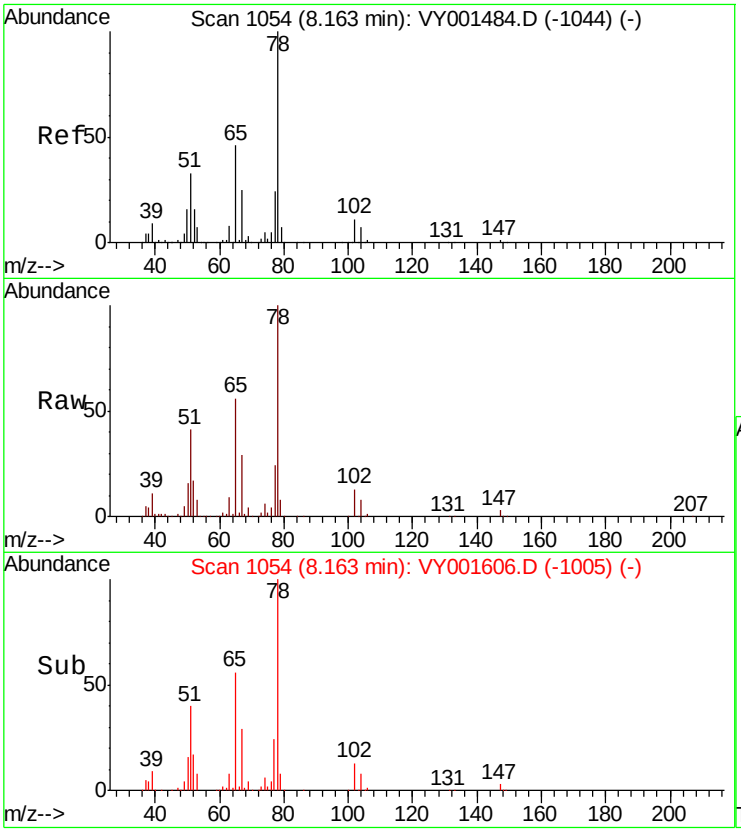




#32
1,1,1-Trichloroethane
Concen: 43.672 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 97 Resp: 141432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.7 | 51.8 | 77.8 |
| 61 | 44.2 | 32.5 | 48.7 |



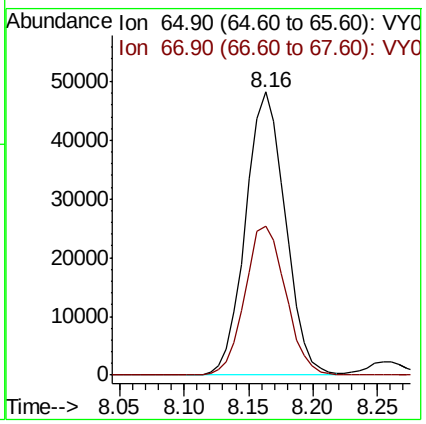


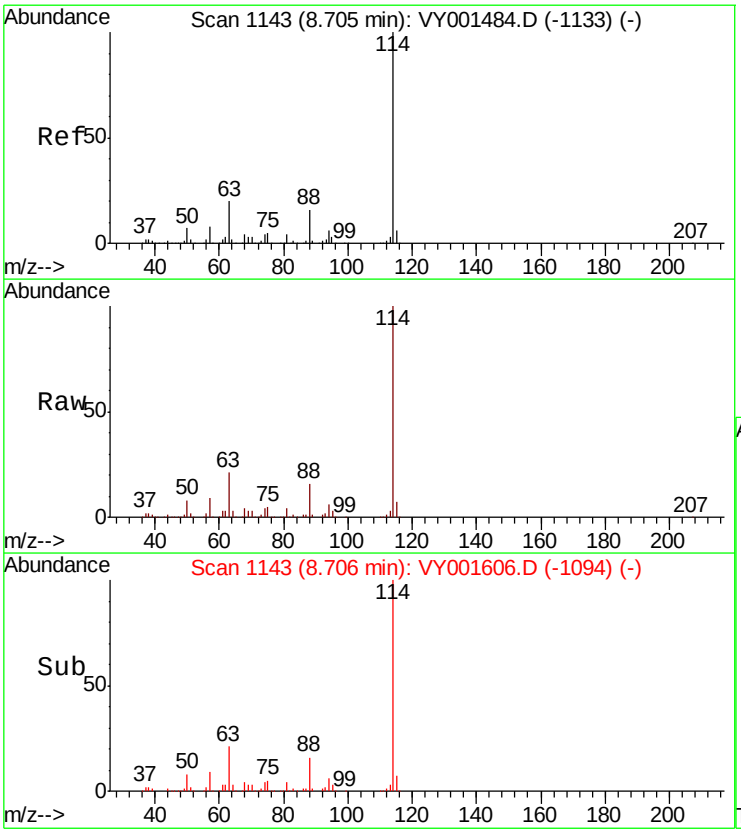

#33
1,2-Dichloroethane-d4
Concen: 55.543 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 65 Resp: 102891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.1 | 0.0 | 108.6 |

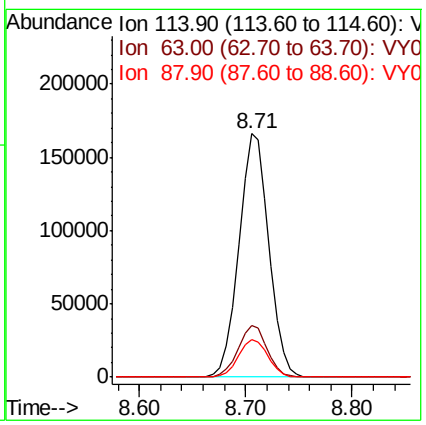


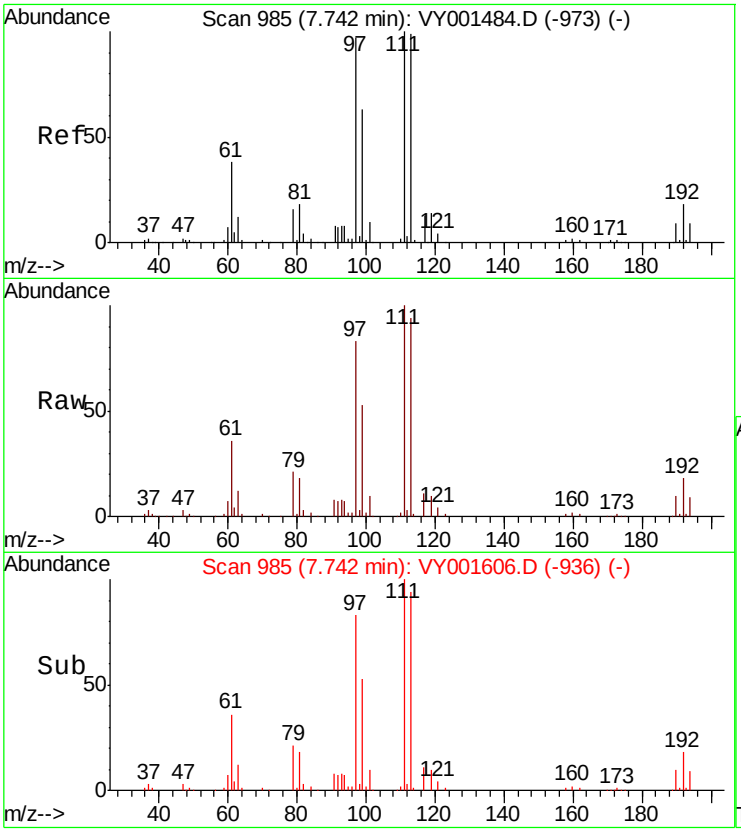




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion:114 Resp: 326416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.0 | 0.0 | 39.8 |
| 88 | 15.6 | 0.0 | 32.6 |



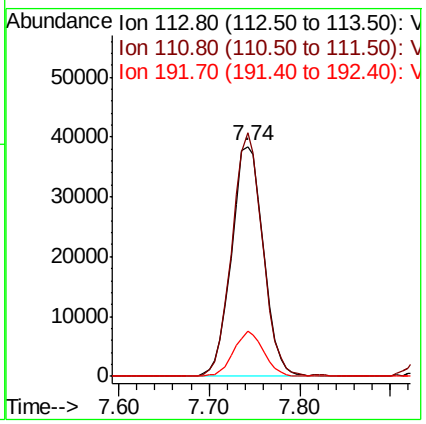


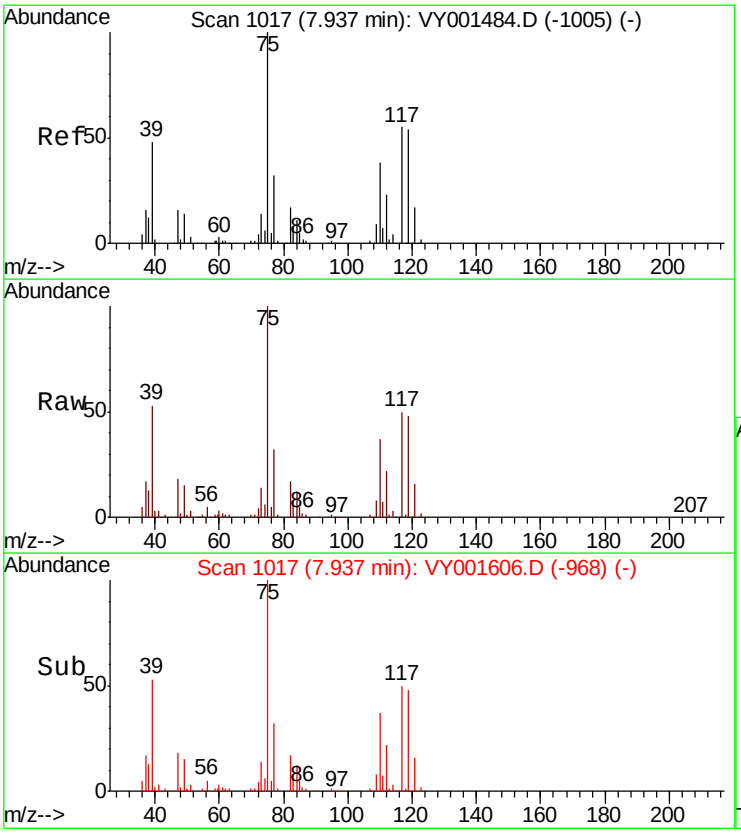

#35
Dibromofluoromethane
Concen: 49.927 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion:113 Resp: 93976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.1 | 82.9 | 124.3 |
| 192 | 18.4 | 14.6 | 22.0 |

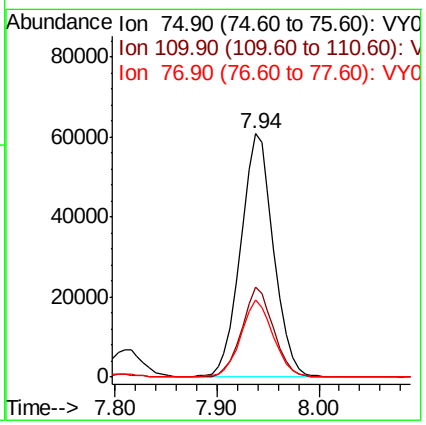


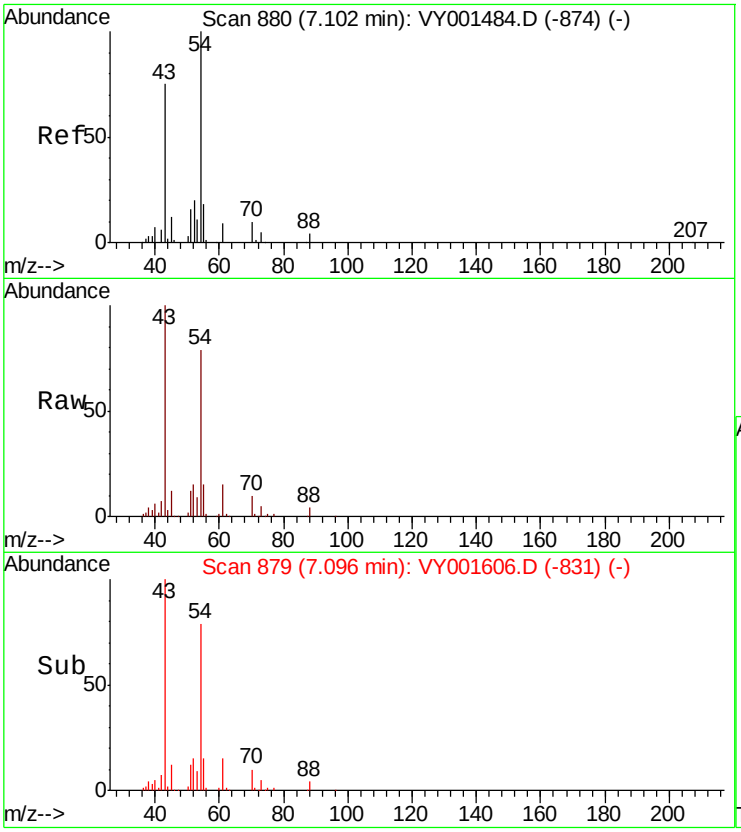




#36
1,1-Dichloropropene
Concen: 45.669 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 75 Resp: 136373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.3 | 18.2 | 54.6 |
| 77 | 31.4 | 25.0 | 37.4 |



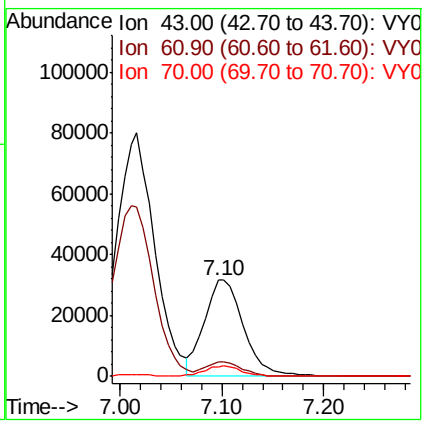


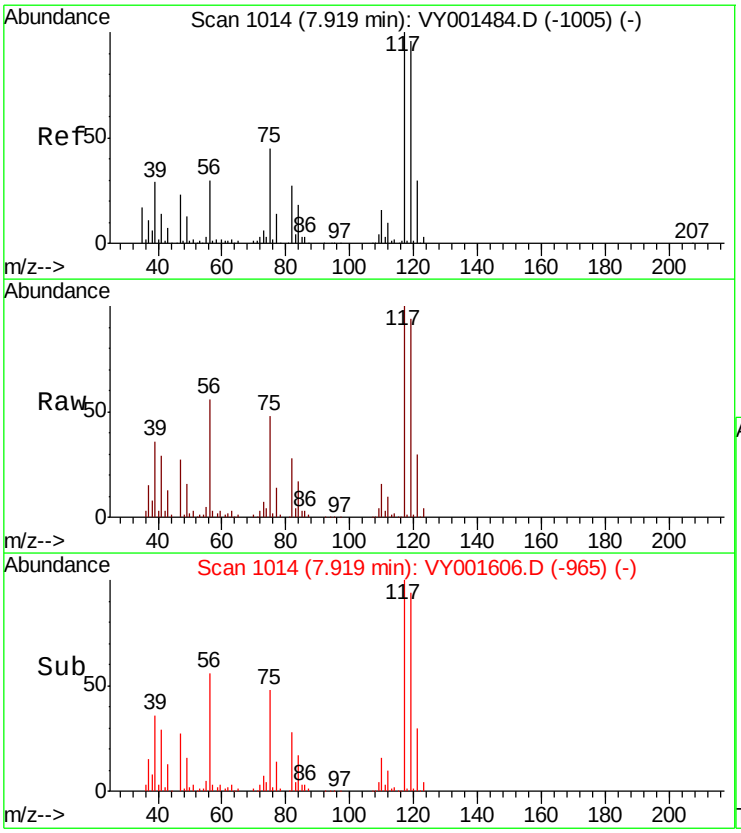

#37
Ethyl Acetate
Concen: 58.299 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 43 Resp: 84274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.2 | 12.0 | 18.0 |
| 70 | 10.5 | 10.2 | 15.4 |

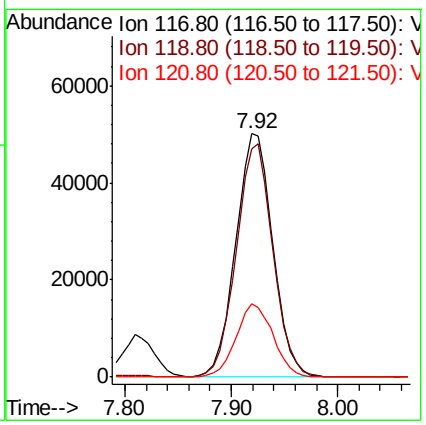


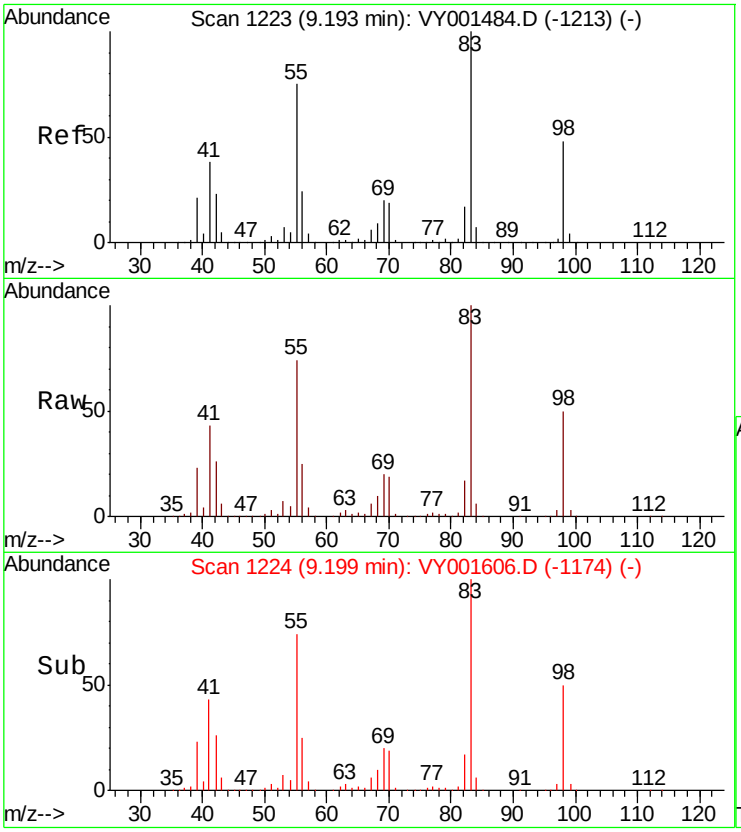




#38
Carbon Tetrachloride
Concen: 42.414 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion:117 Resp: 122535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.7 | 76.4 | 114.6 |
| 121 | 30.0 | 24.2 | 36.4 |



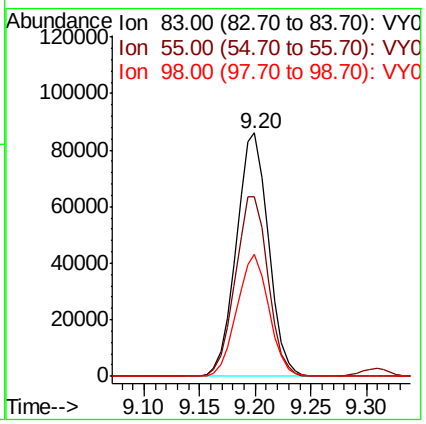


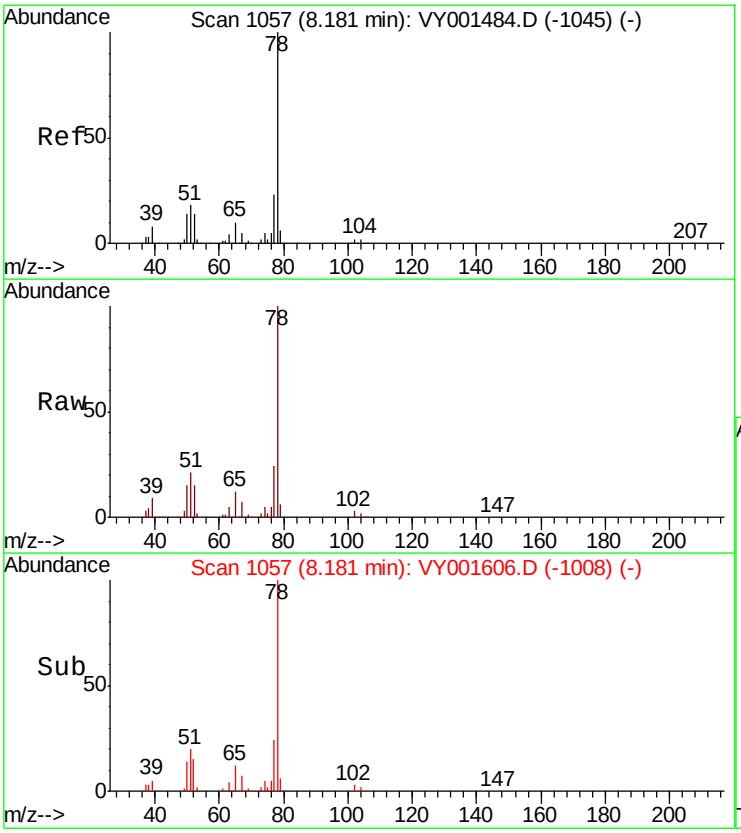

#39
Methylcyclohexane
Concen: 43.876 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 83 Resp: 172514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 73.9 | 59.8 | 89.6 |
| 98 | 50.1 | 38.6 | 57.8 |

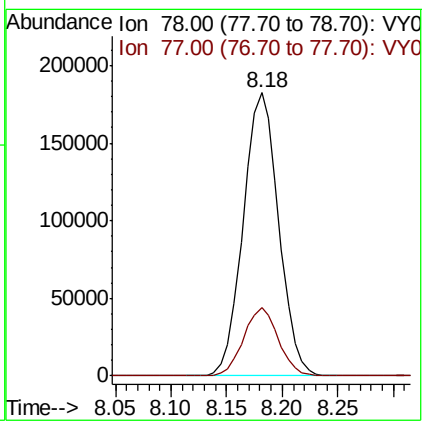


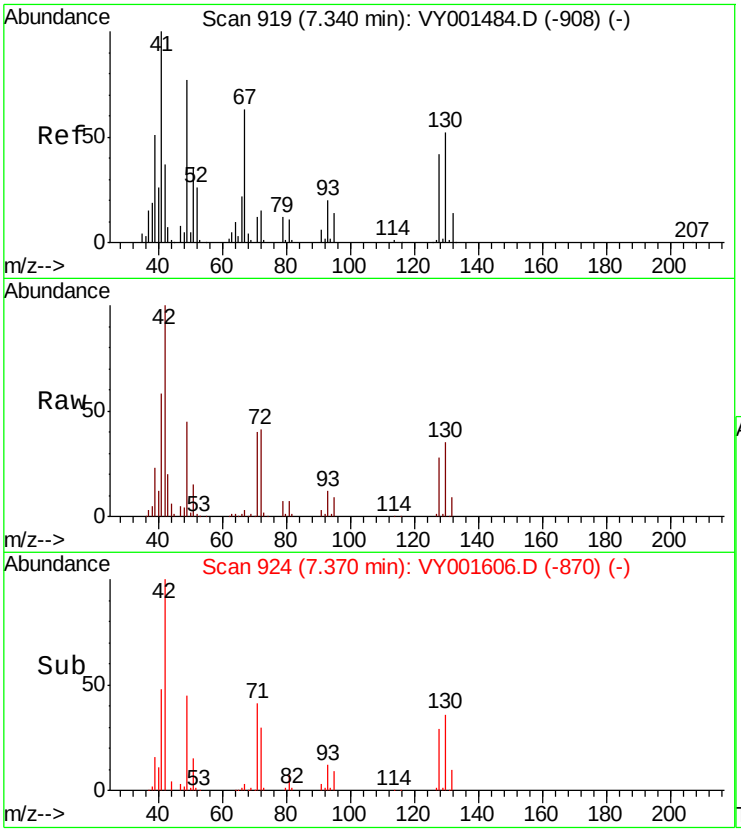




#40
Benzene
Concen: 47.462 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 78 Resp: 404245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.1 | 18.5 | 27.7 |



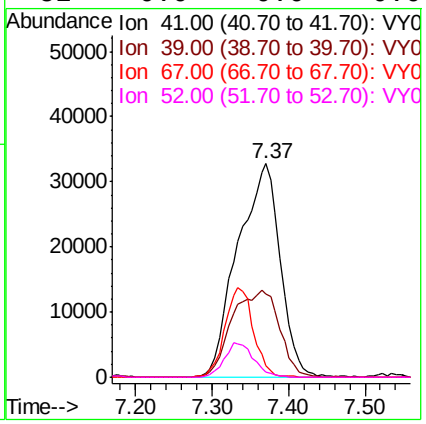


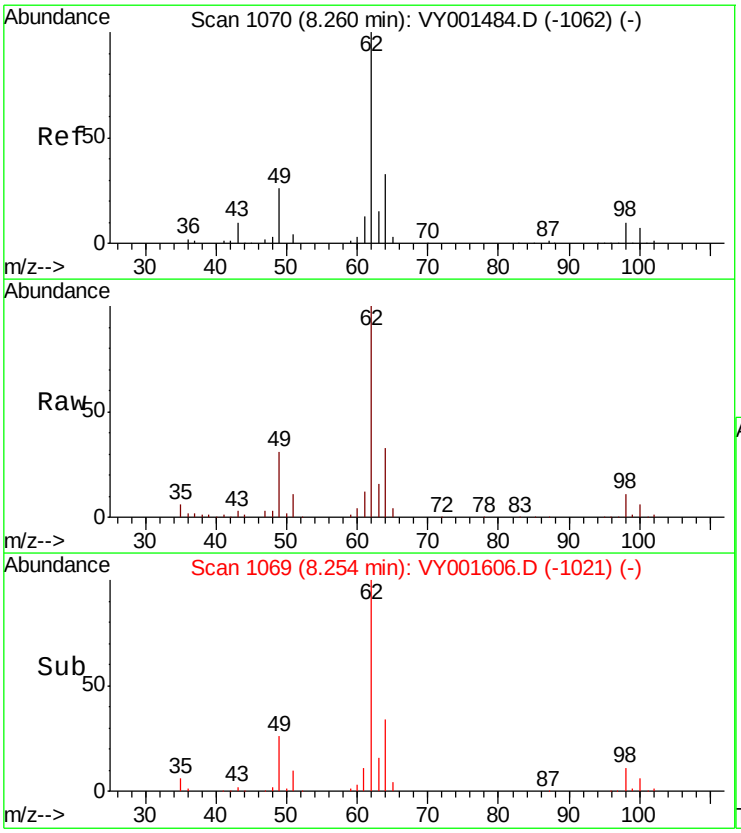

#41
Methacrylonitrile
Concen: 188.624 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.03 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 41 Resp: 126372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 45.5 | 116.8 | 175.2# |
| 67 | 0.0 | 0.0 | 0.0 |
| 52 | 0.0 | 0.0 | 0.0 |

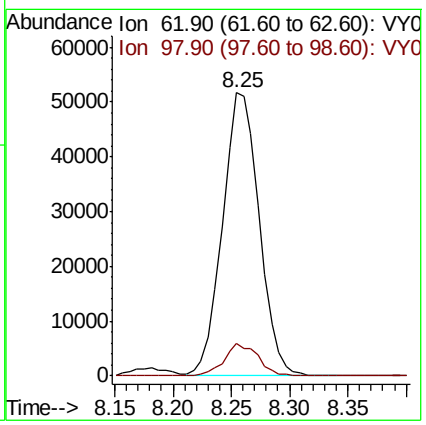


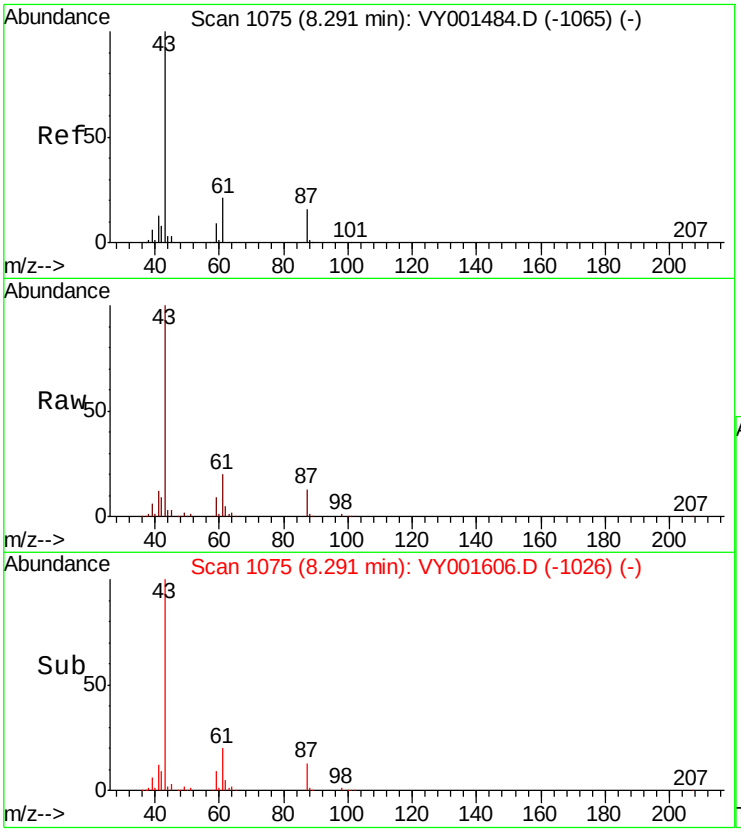




#42
1,2-Dichloroethane
Concen: 47.709 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 62 Resp: 113208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.5 | 0.0 | 21.0 |



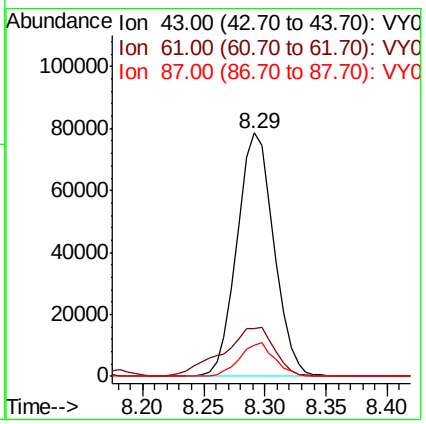


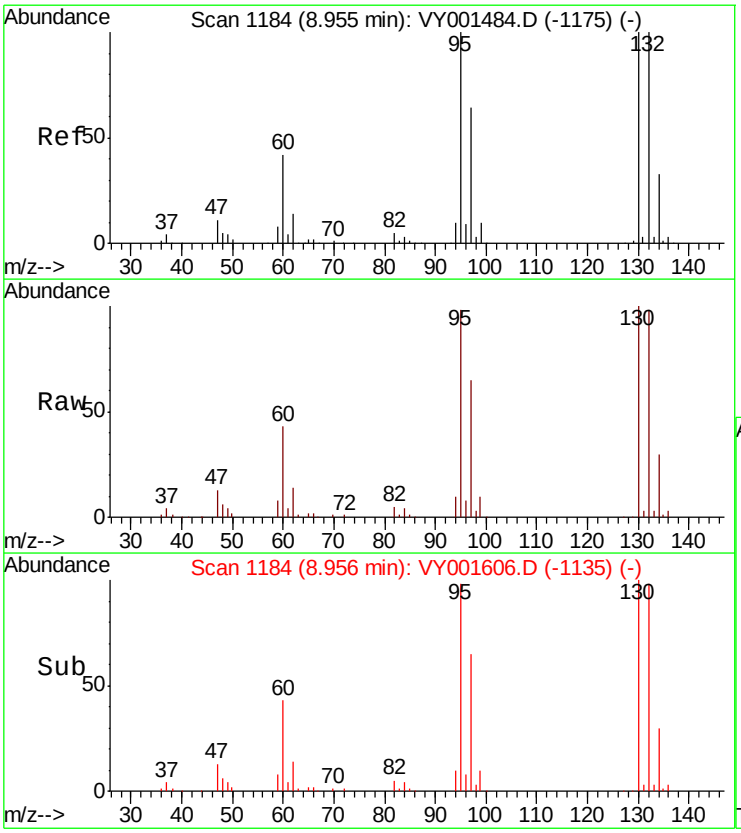

#43
Isopropyl Acetate
Concen: 57.522 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 43 Resp: 164636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 28.1 | 25.1 | 37.7 |
| 87 | 13.3 | 12.6 | 19.0 |

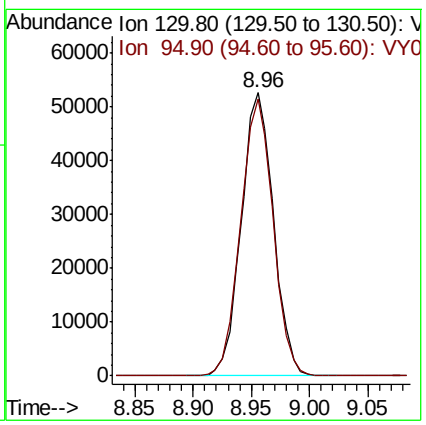


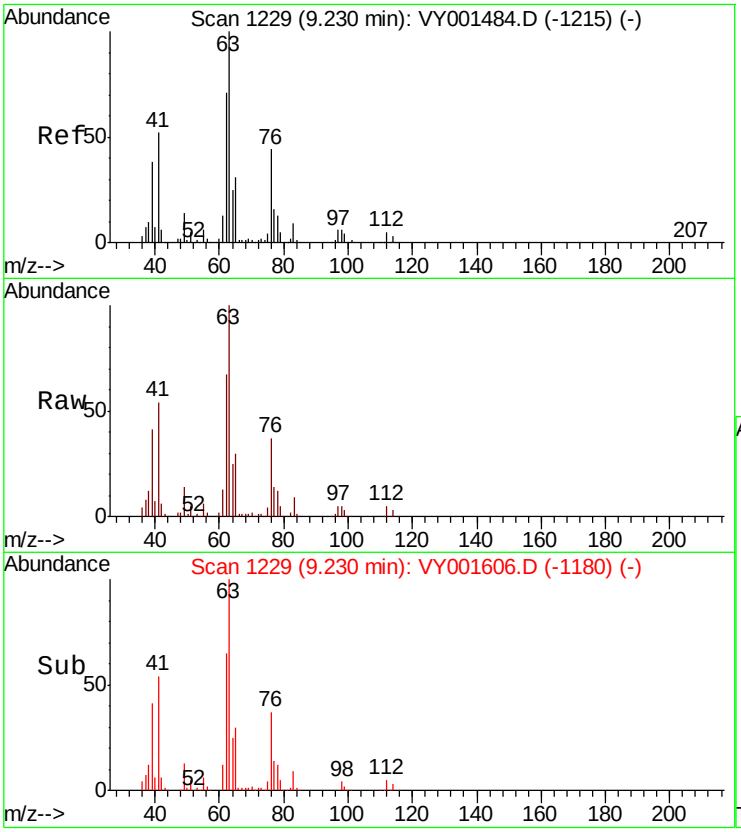




#44
Trichloroethene
Concen: 44.069 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion:130 Resp: 101174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 97.8 | 0.0 | 199.2 |



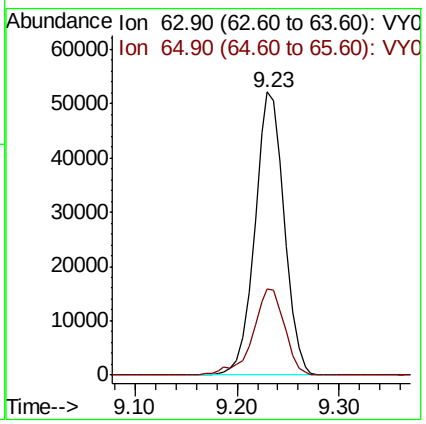


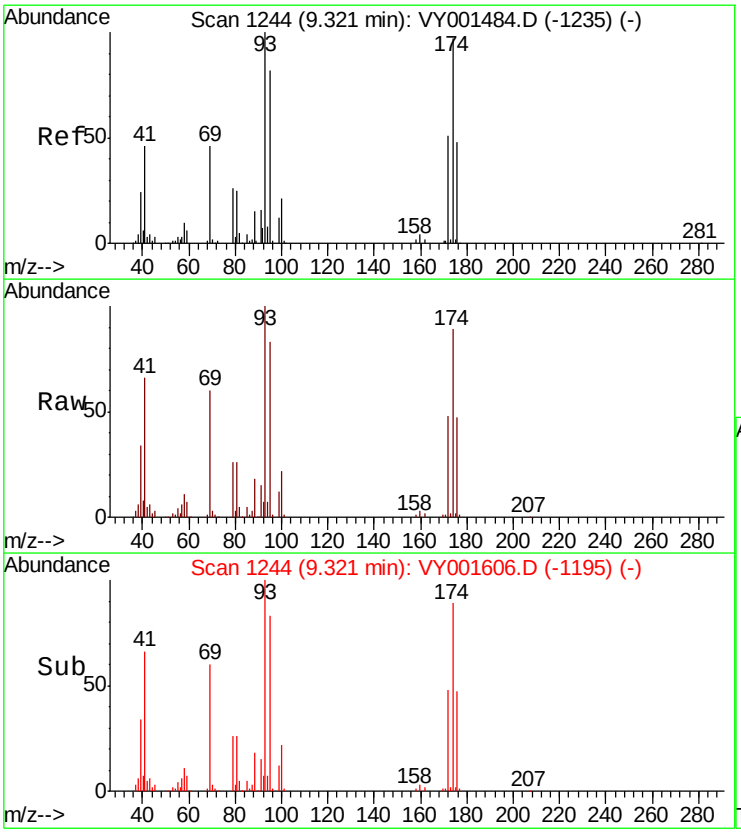

#45
1,2-Dichloropropane
Concen: 50.742 ug/l
RT: 9.23 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 63 Resp: 104362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.3 | 25.0 | 37.4 |

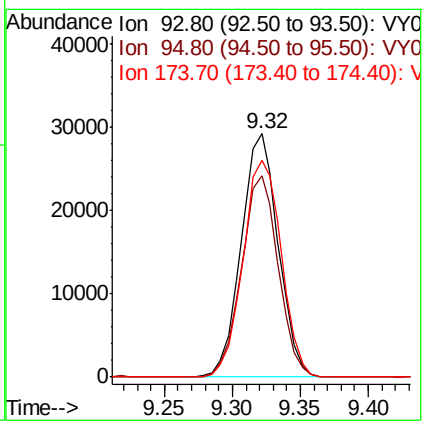


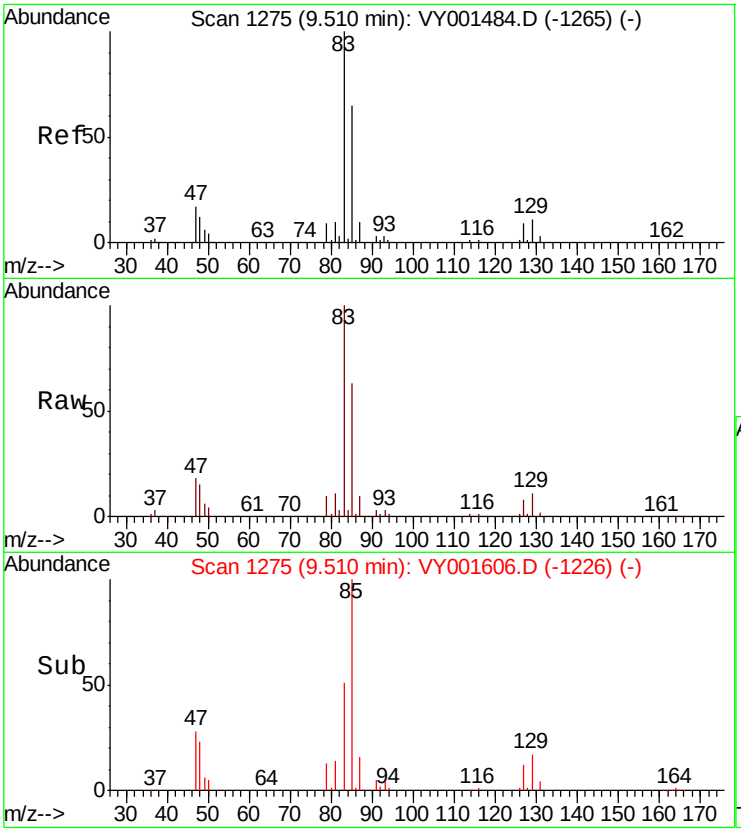




#46
Dibromomethane
Concen: 48.124 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 93 Resp: 55578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.4 | 66.6 | 99.8 |
| 174 | 92.7 | 75.4 | 113.2 |



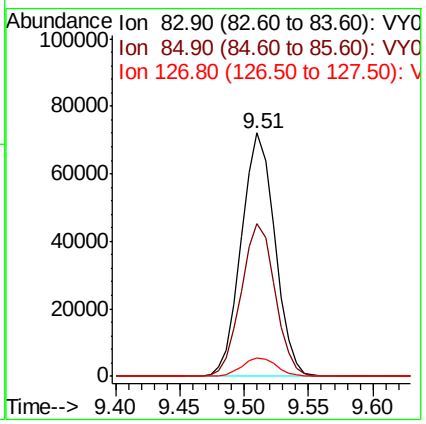


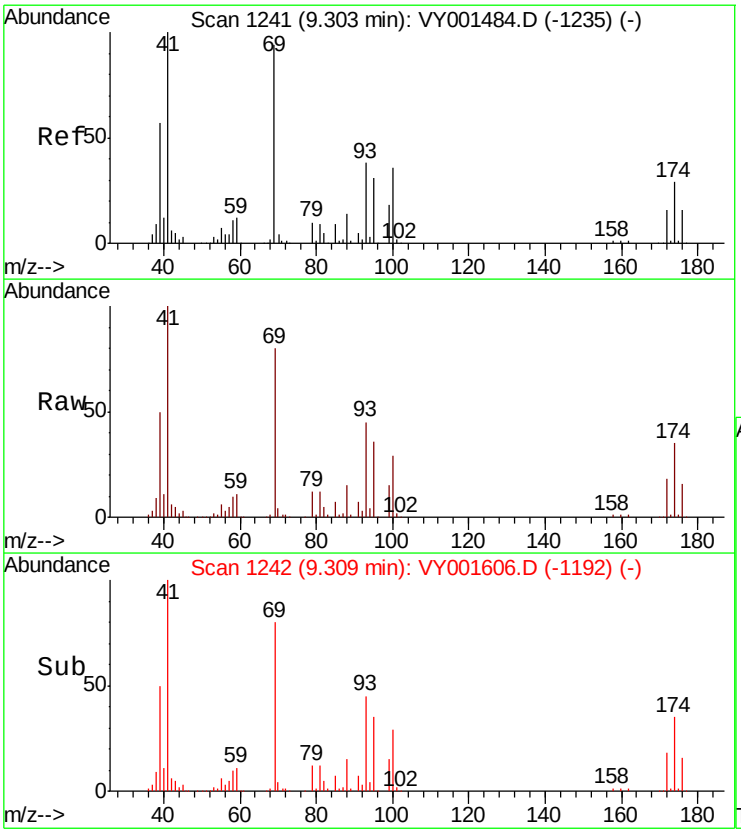

#47
Bromodichloromethane
Concen: 46.156 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 83 Resp: 129881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.5 | 51.9 | 77.9 |
| 127 | 7.7 | 6.9 | 10.3 |

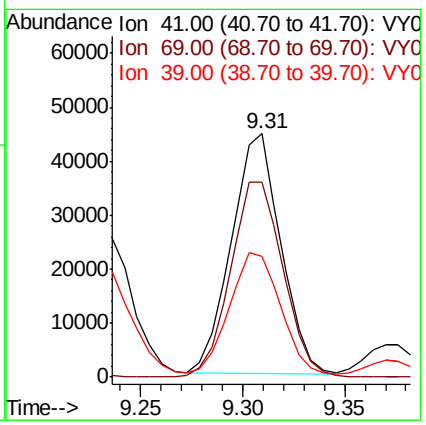


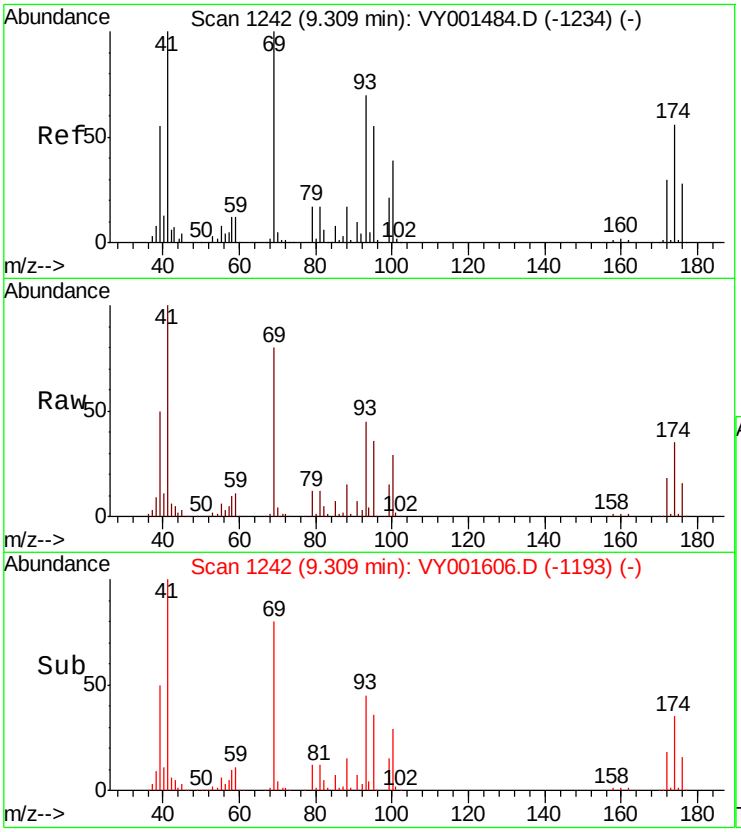




#48
Methyl methacrylate
Concen: 57.670 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 41 Resp: 74914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 86.7 | 76.6 | 114.8 |
| 39 | 52.4 | 45.4 | 68.0 |



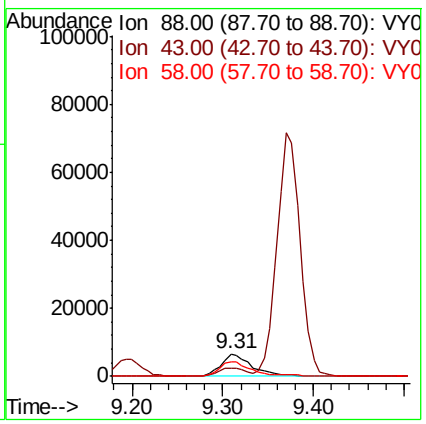


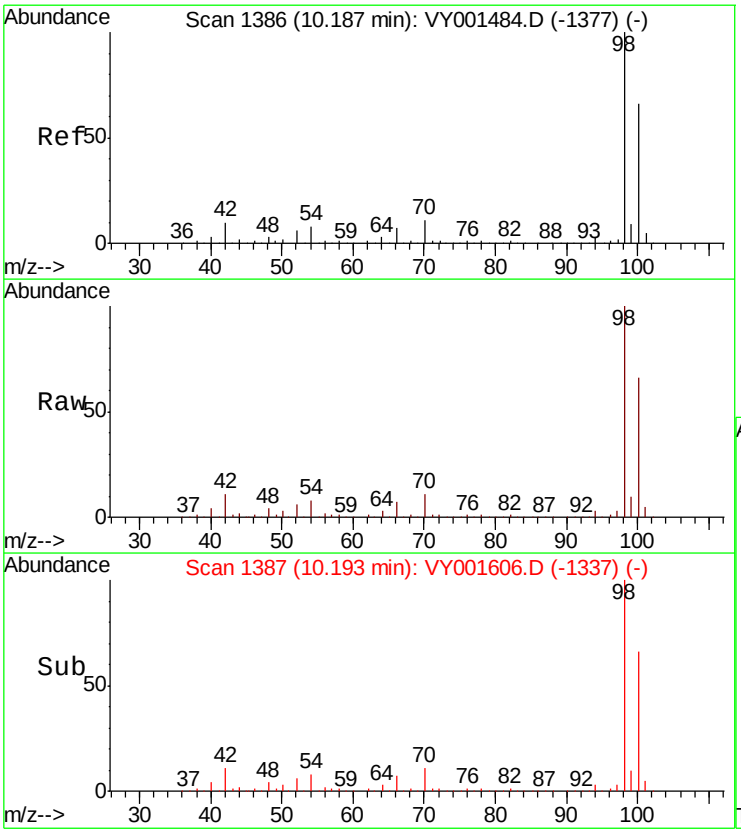

#49
1,4-Dioxane
Concen: 1036.639 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 88 Resp: 15811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 32.6 | 24.8 | 37.2 |
| 58 | 65.1 | 59.3 | 88.9 |

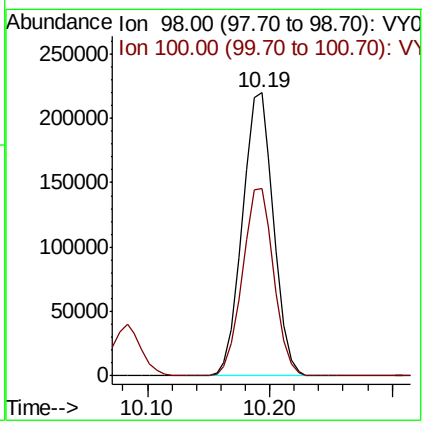


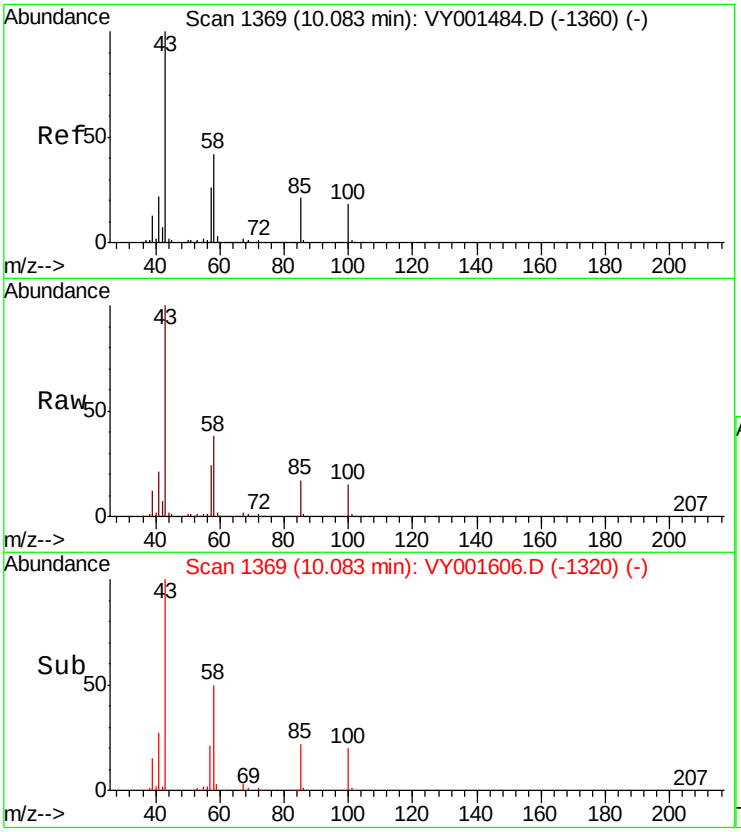




#50
Toluene-d8
Concen: 54.405 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 98 Resp: 387445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.9 | 53.0 | 79.6 |



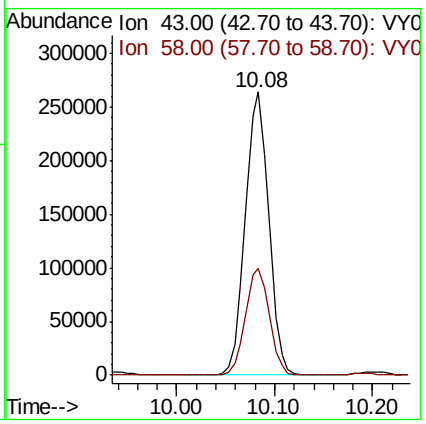


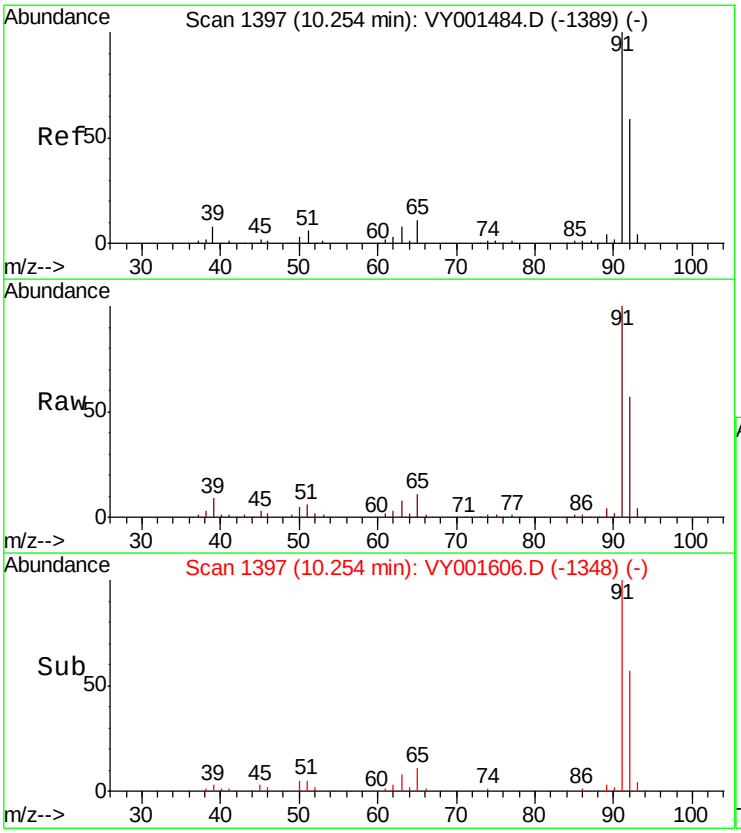

#51
4-Methyl-2-Pentanone
Concen: 312.172 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 43 Resp: 440011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.6 | 33.9 | 50.9 |

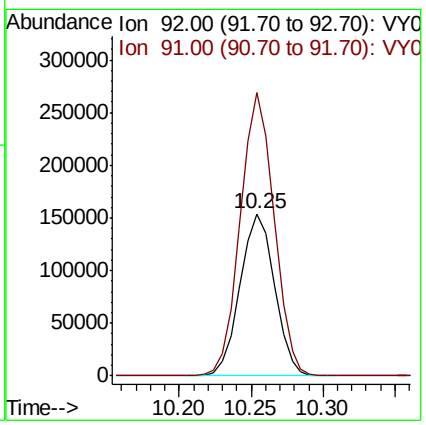


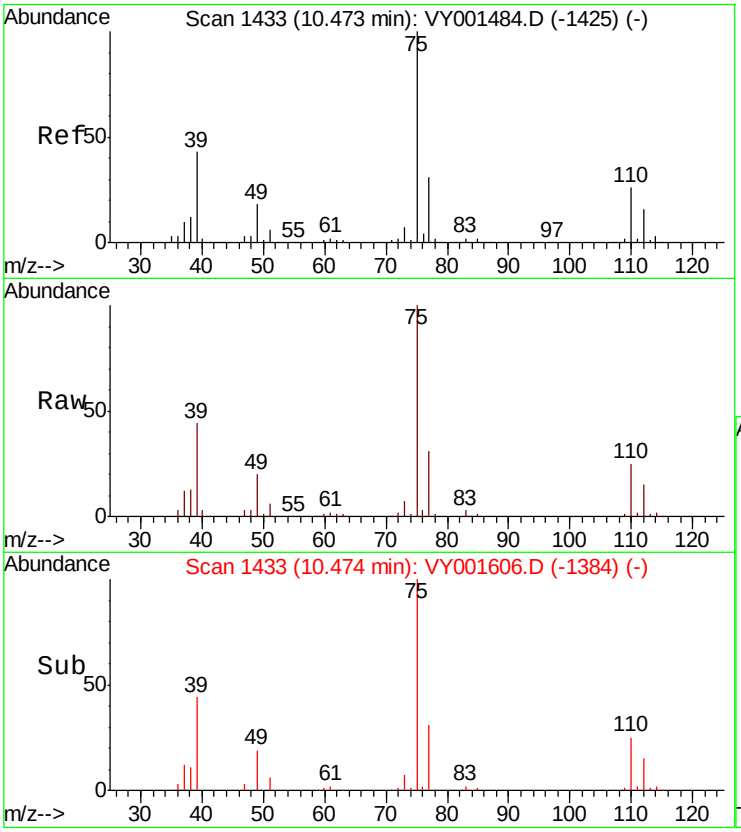




#52
Toluene
Concen: 47.249 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 92 Resp: 255347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 171.6 | 136.6 | 204.8 |



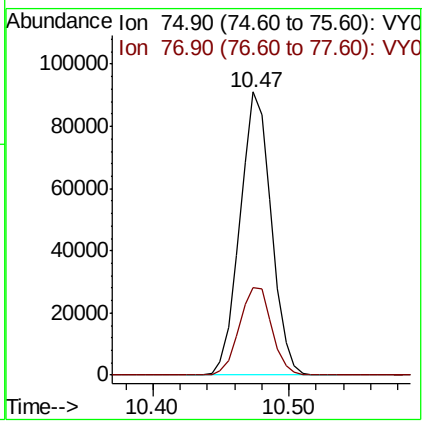


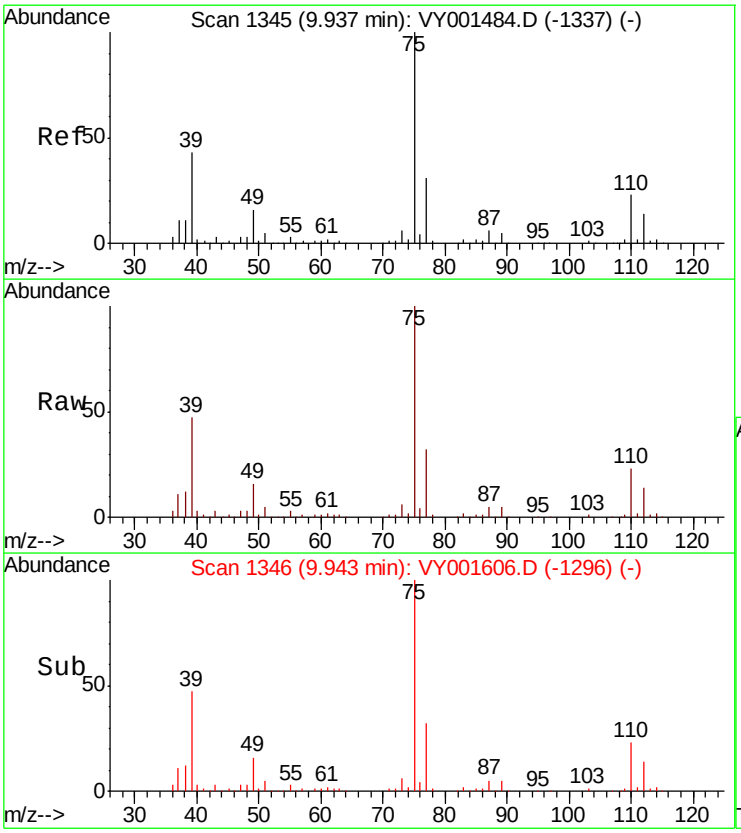

#53
t-1,3-Dichloropropene
Concen: 47.914 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 75 Resp: 146851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.2 | 24.9 | 37.3 |

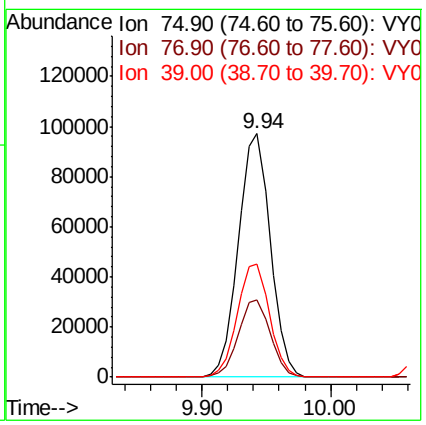


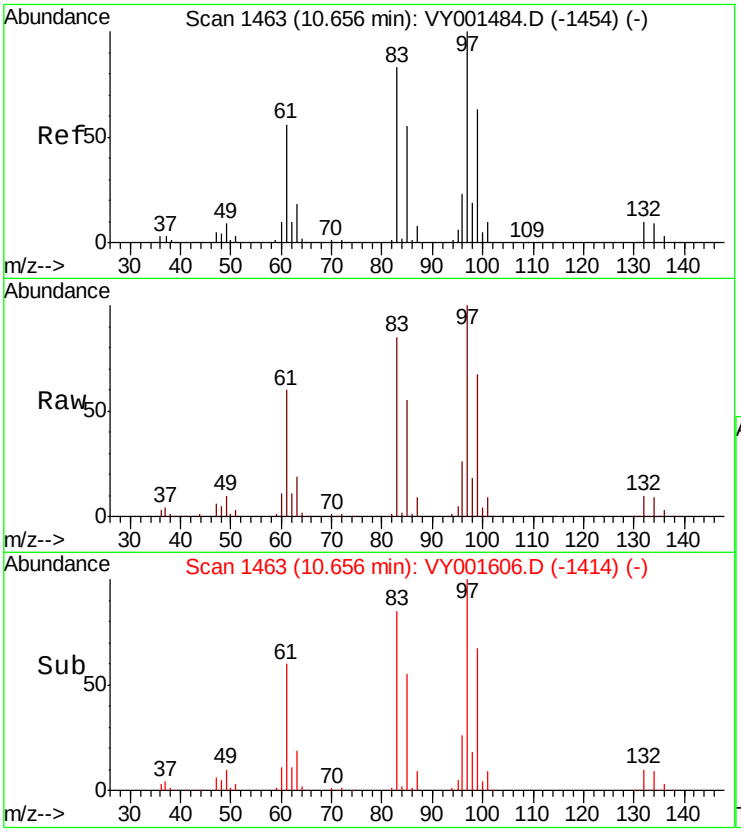




#54
cis-1,3-Dichloropropene
Concen: 47.267 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. 0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 75 Resp: 166316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.6 | 24.7 | 37.1 |
| 39 | 46.6 | 34.0 | 51.0 |



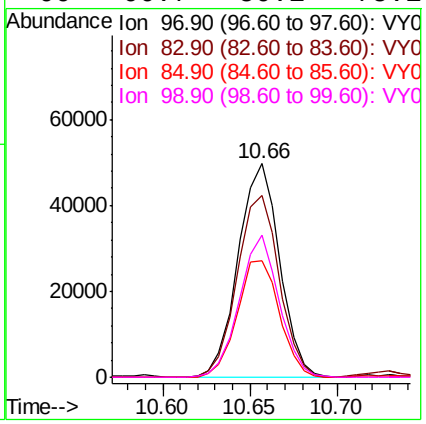


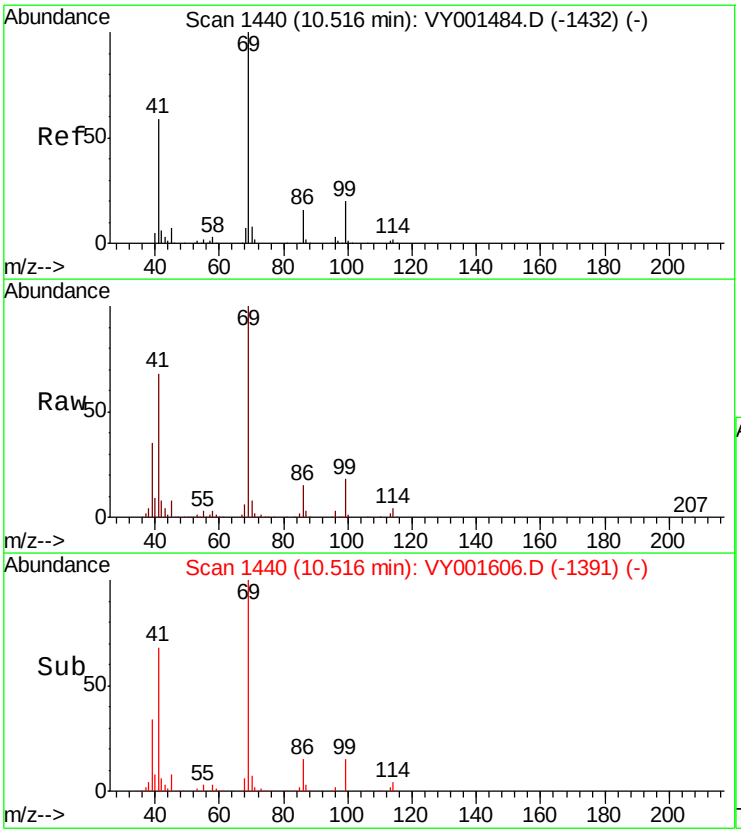

#55
1,1,2-Trichloroethane
Concen: 49.204 ug/l
RT: 10.66 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 97 Resp: 81530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.1 | 66.2 | 99.2 |
| 85 | 54.8 | 43.8 | 65.6 |
| 99 | 66.7 | 50.1 | 75.1 |

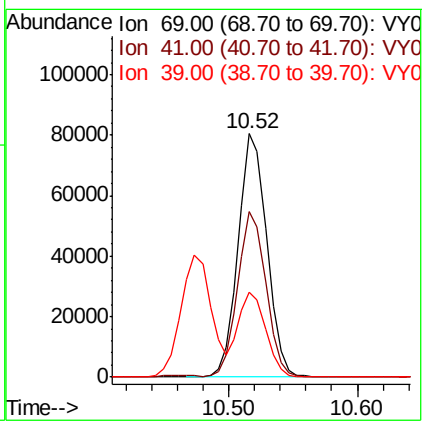


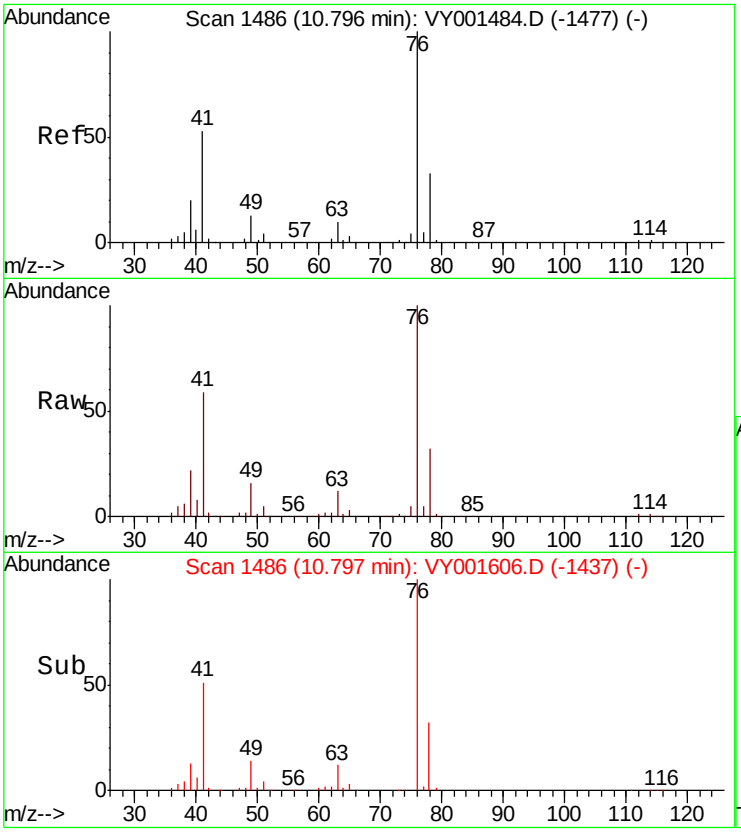




#56
Ethyl methacrylate
Concen: 52.418 ug/l
RT: 10.52 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 69 Resp: 123538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 67.4 | 47.8 | 71.8 |
| 39 | 33.8 | 24.4 | 36.6 |



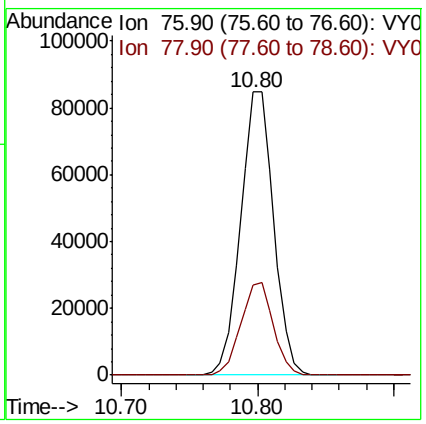


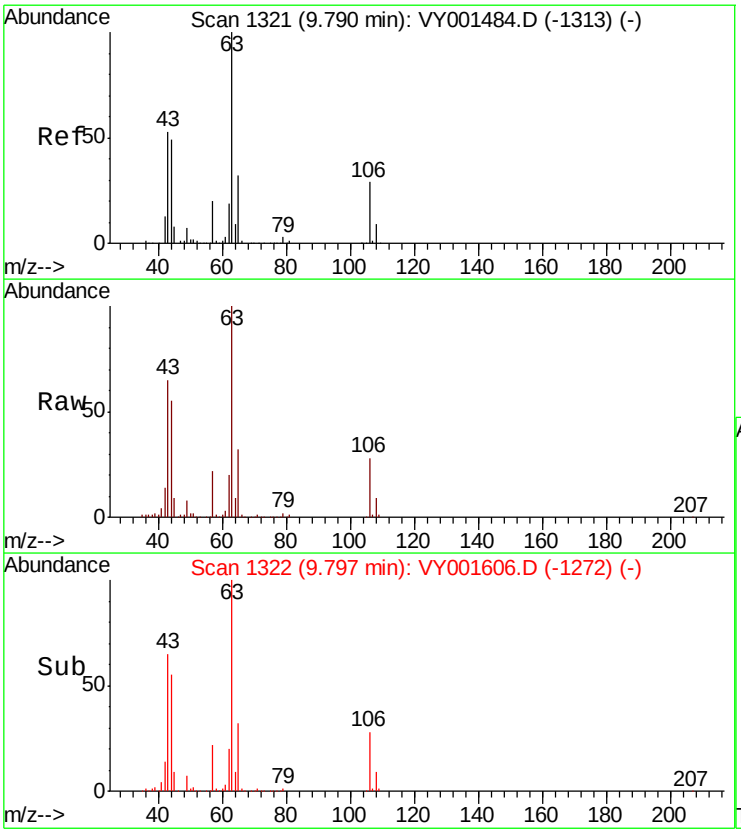

#57
1,3-Dichloropropane
Concen: 49.229 ug/l
RT: 10.80 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 76 Resp: 143792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.1 | 25.7 | 38.5 |

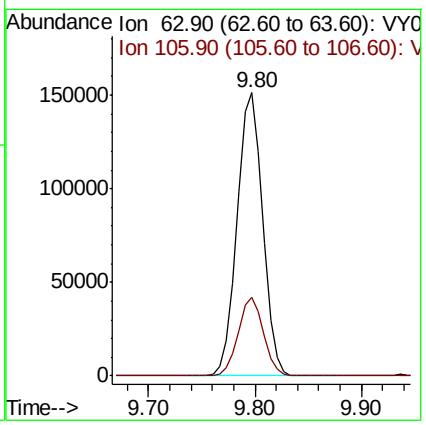


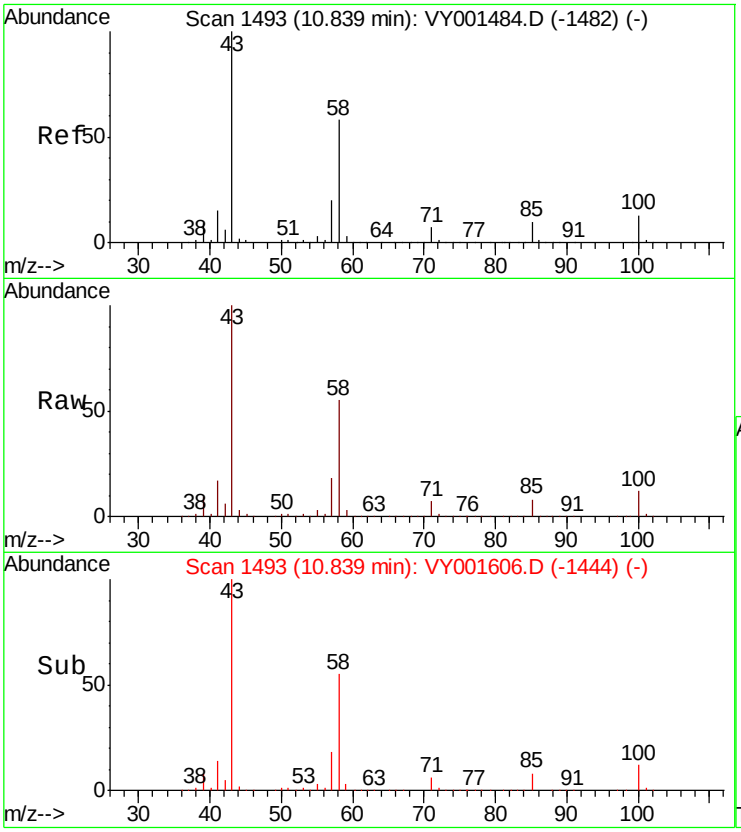




#58
2-Chloroethyl Vinyl ether
Concen: 294.641 ug/l
RT: 9.80 min Scan# 1322
Delta R.T. 0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 63 Resp: 255455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 27.4 | 24.0 | 36.0 |



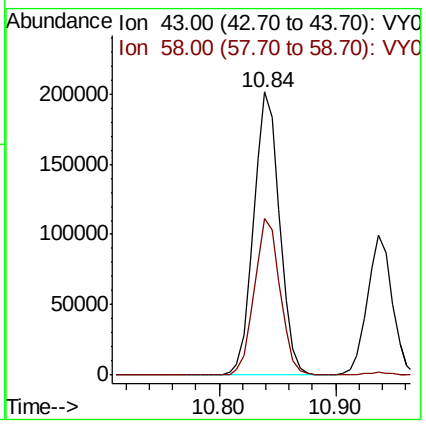


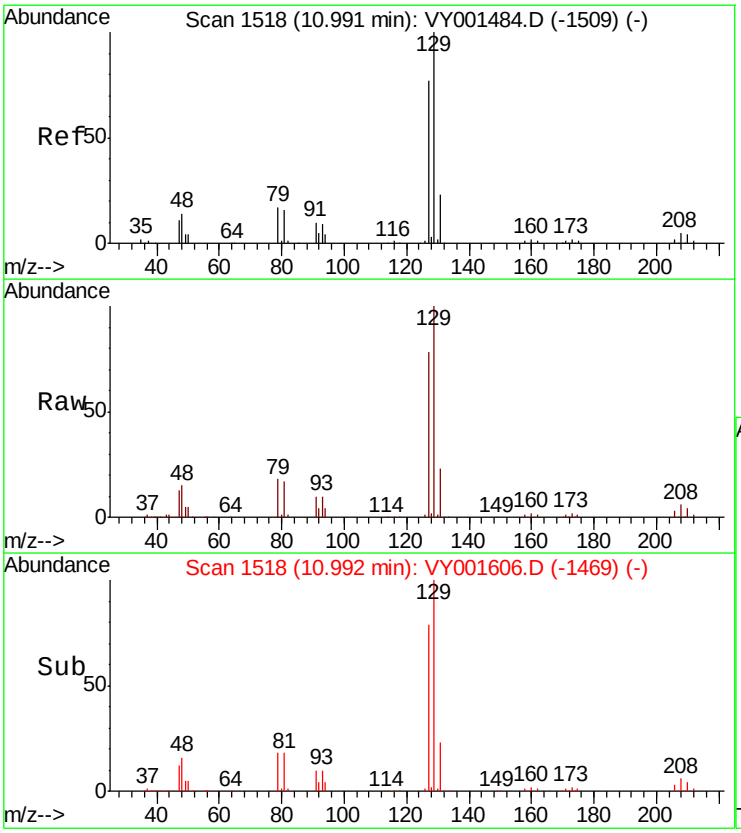

#59
2-Hexanone
Concen: 305.711 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 43 Resp: 313305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 54.8 | 29.0 | 87.0 |

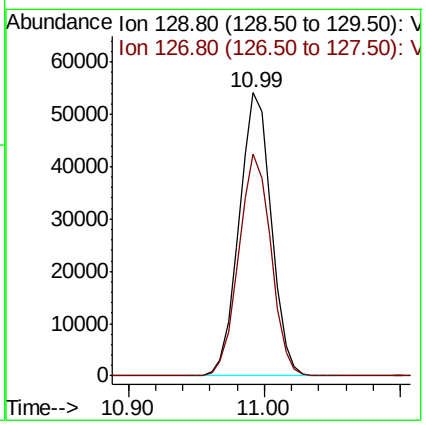


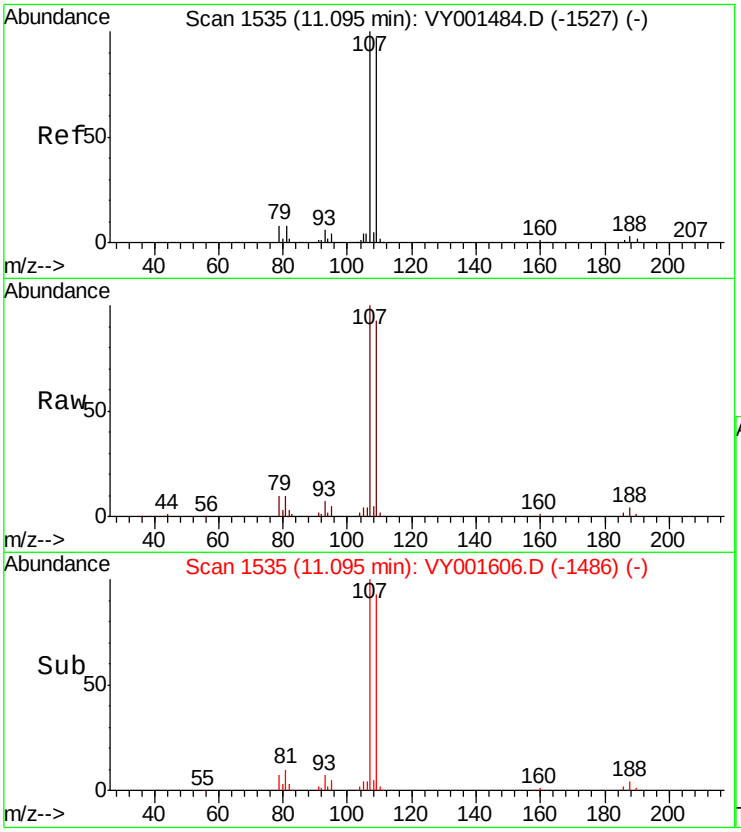




#60
Dibromochloromethane
Concen: 45.811 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion:129 Resp: 89478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.7 | 38.9 | 116.6 |



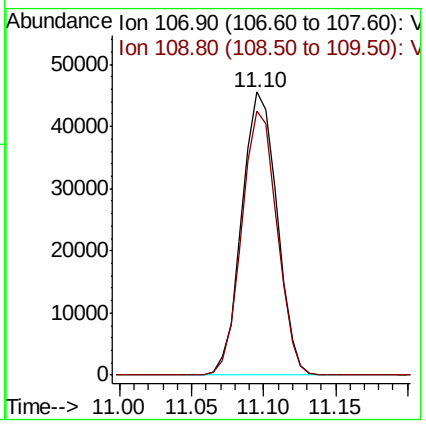


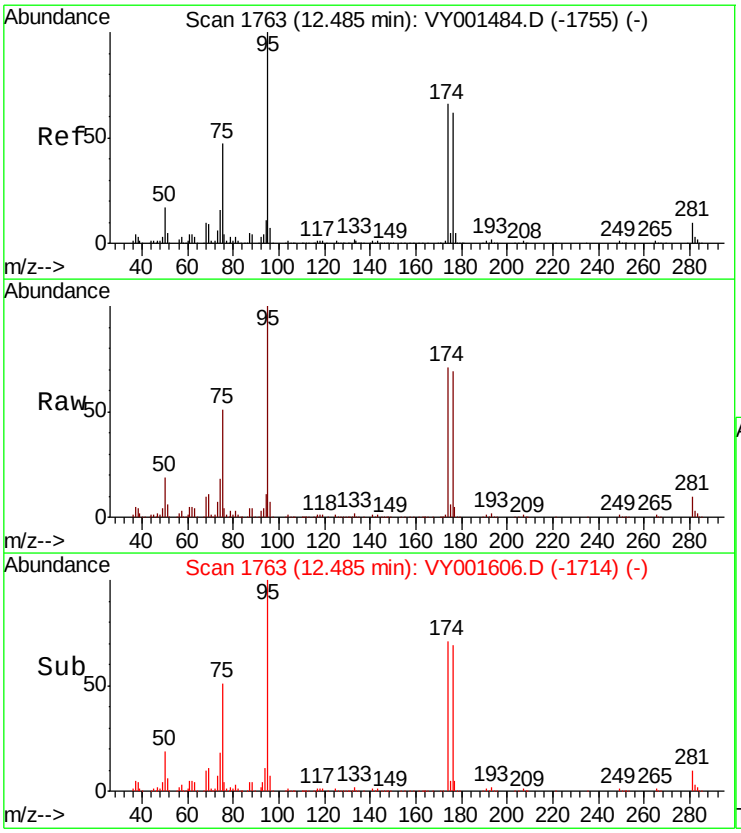

#61
1,2-Dibromoethane
Concen: 47.306 ug/l
RT: 11.10 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion:107 Resp: 77205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.3 | 76.2 | 114.2 |

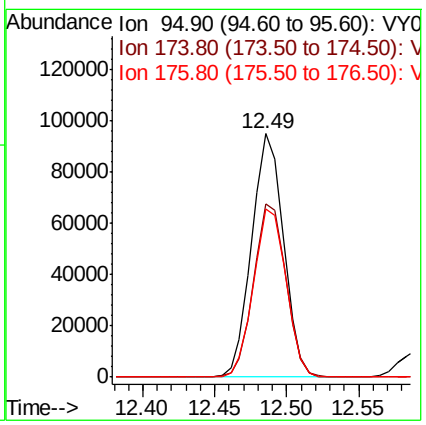


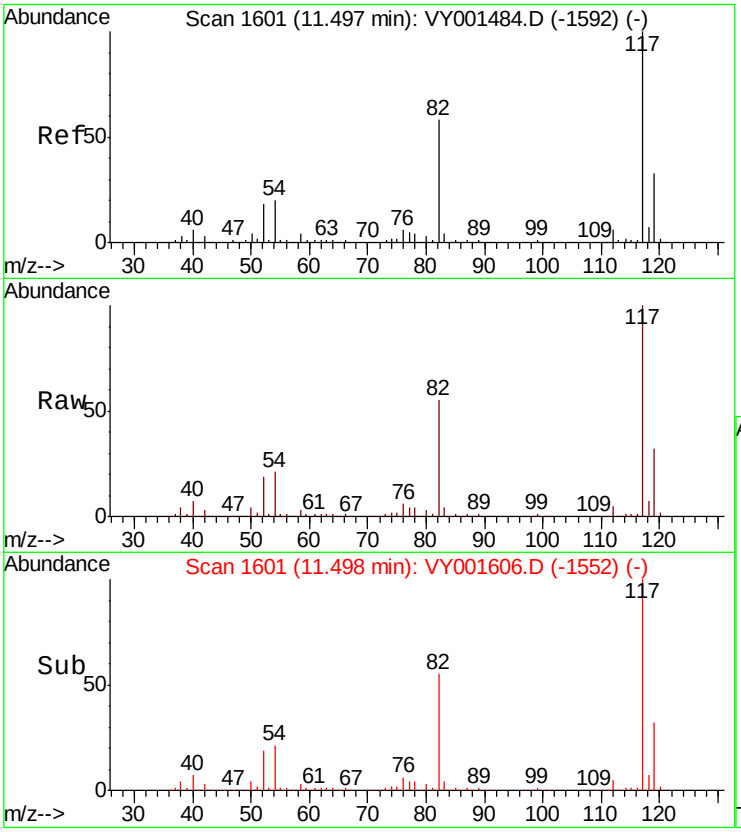




#62
4-Bromofluorobenzene
Concen: 51.505 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 95 Resp: 144496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 72.5 | 0.0 | 141.4 |
| 176 | 70.9 | 0.0 | 135.4 |



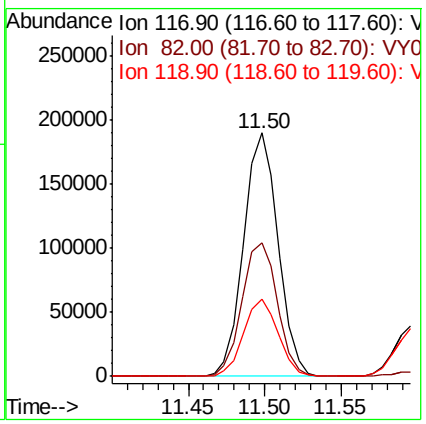


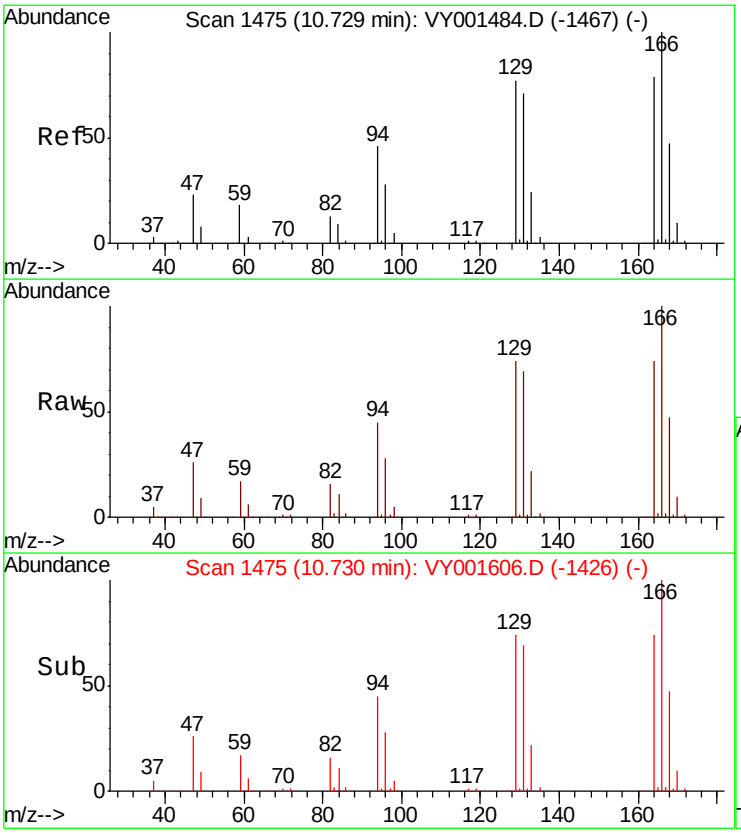

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion:117 Resp: 297936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.1 | 46.1 | 69.1 |
| 119 | 32.0 | 26.1 | 39.1 |

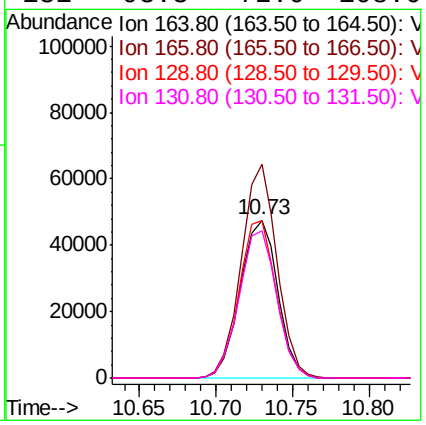


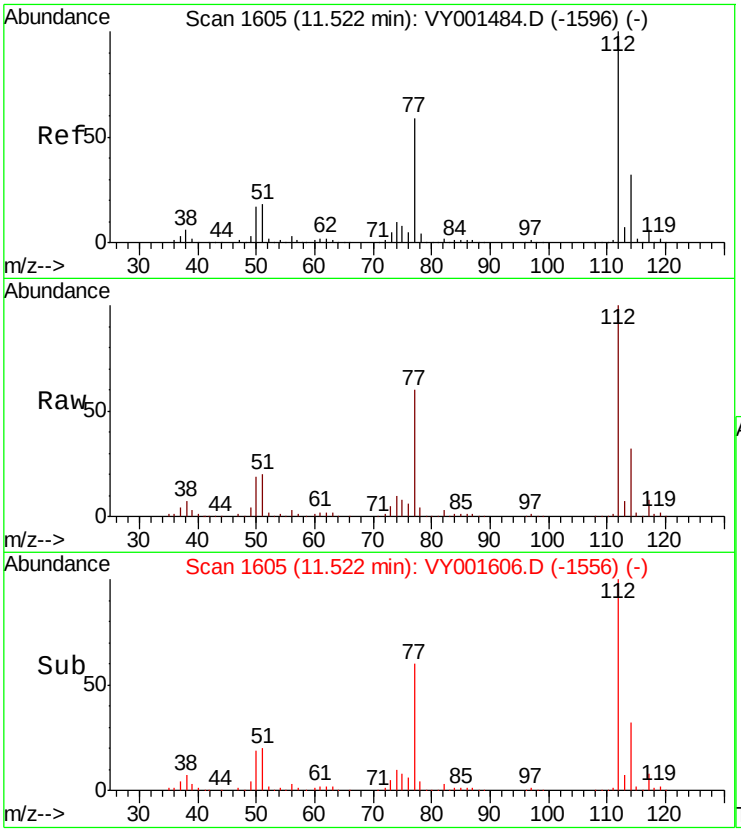




#64
Tetrachloroethene
Concen: 41.597 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion:164 Resp: 81277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 135.5 | 100.8 | 151.2 |
| 129 | 99.6 | 77.8 | 116.6 |
| 131 | 93.3 | 72.0 | 108.0 |



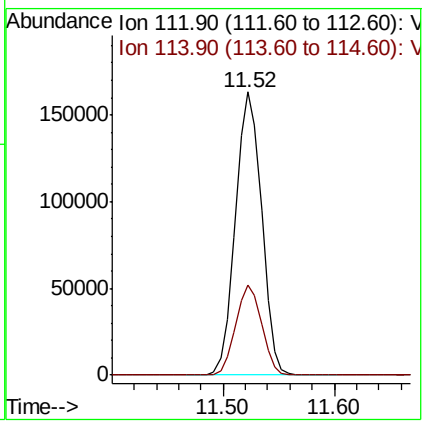


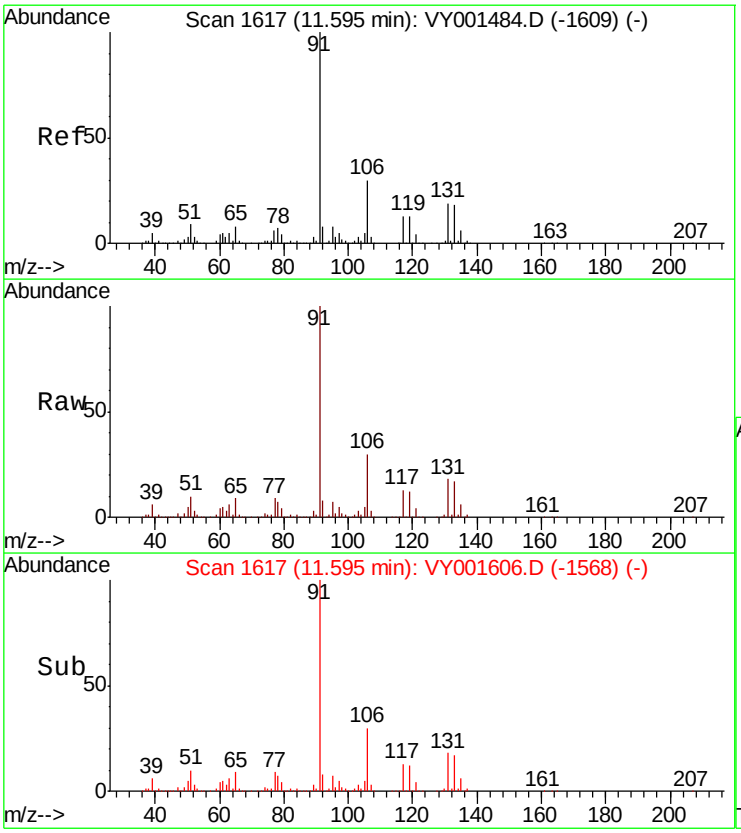

#65
Chlorobenzene
Concen: 45.371 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion:112 Resp: 265416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.9 | 25.4 | 38.2 |

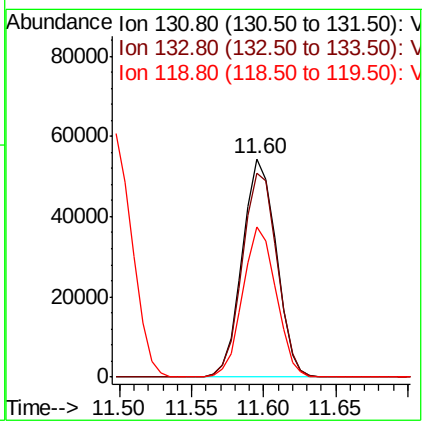


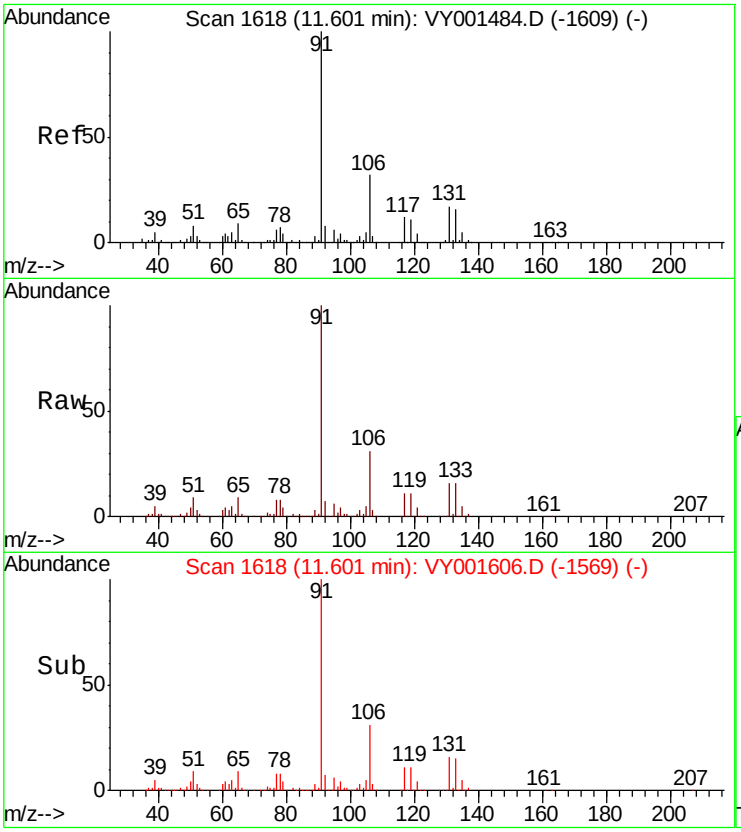




#66
1,1,1,2-Tetrachloroethane
Concen: 43.460 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion:131 Resp: 88982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.8 | 47.9 | 143.8 |
| 119 | 67.7 | 33.7 | 101.0 |



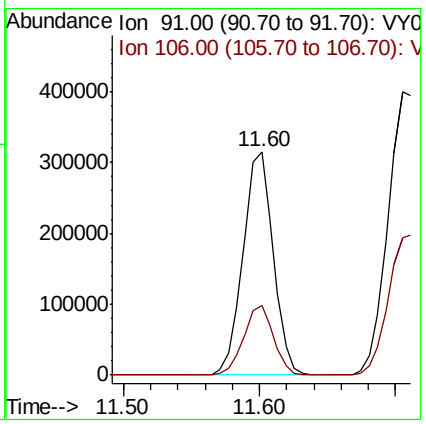


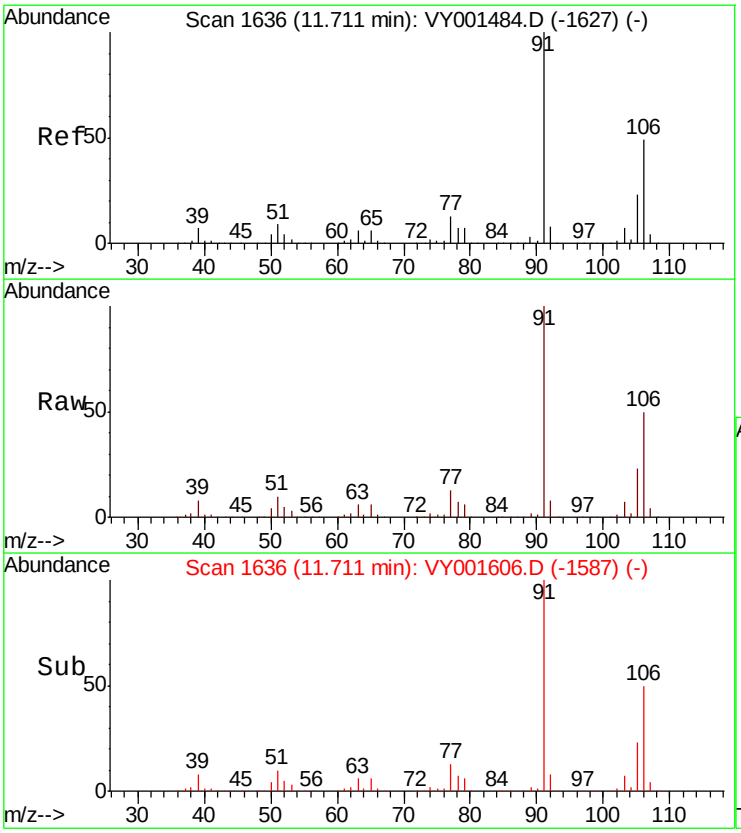

#67
Ethyl Benzene
Concen: 45.318 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 91 Resp: 490174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.0 | 25.3 | 37.9 |

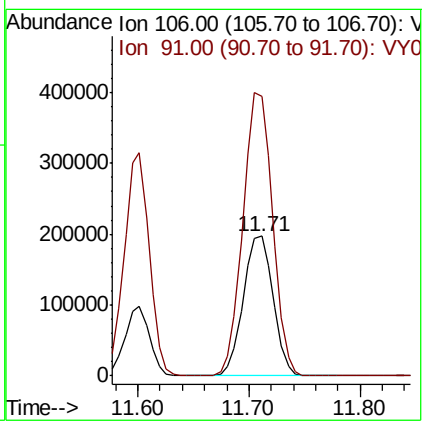


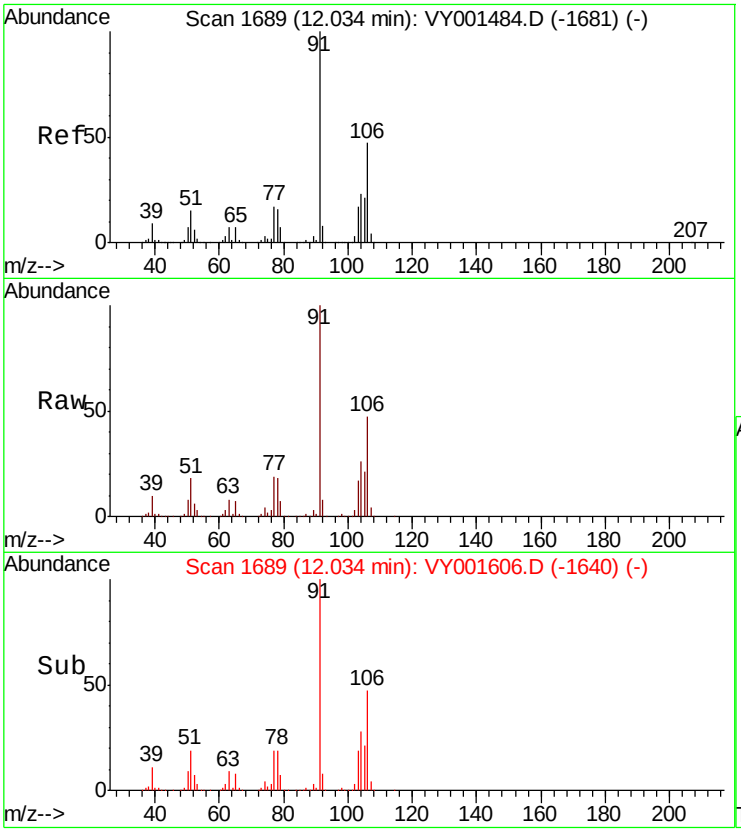




#68
m/p-Xylenes
Concen: 90.786 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion:106 Resp: 368638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 201.2 | 163.6 | 245.4 |



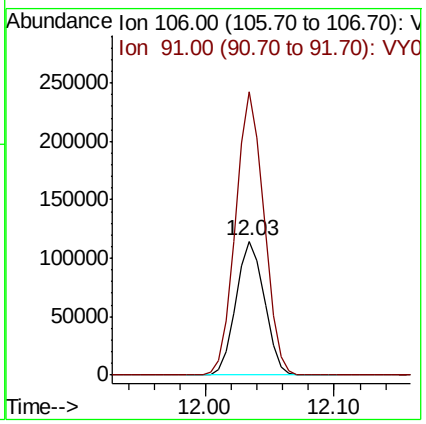


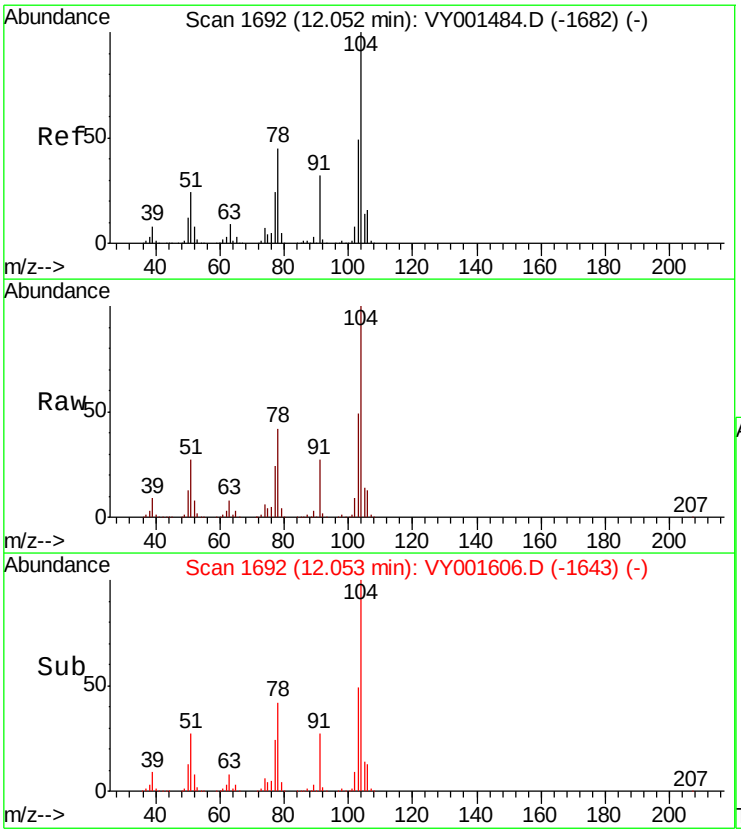

#69
o-Xylene
Concen: 45.903 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion:106 Resp: 175741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 210.6 | 106.0 | 318.0 |

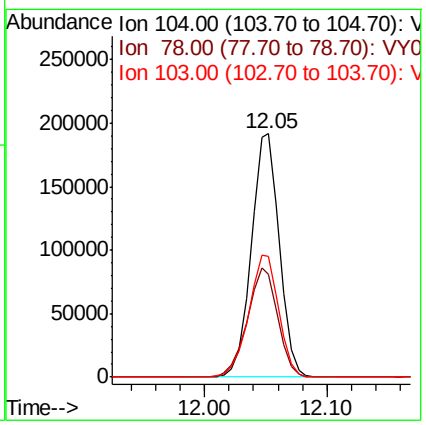


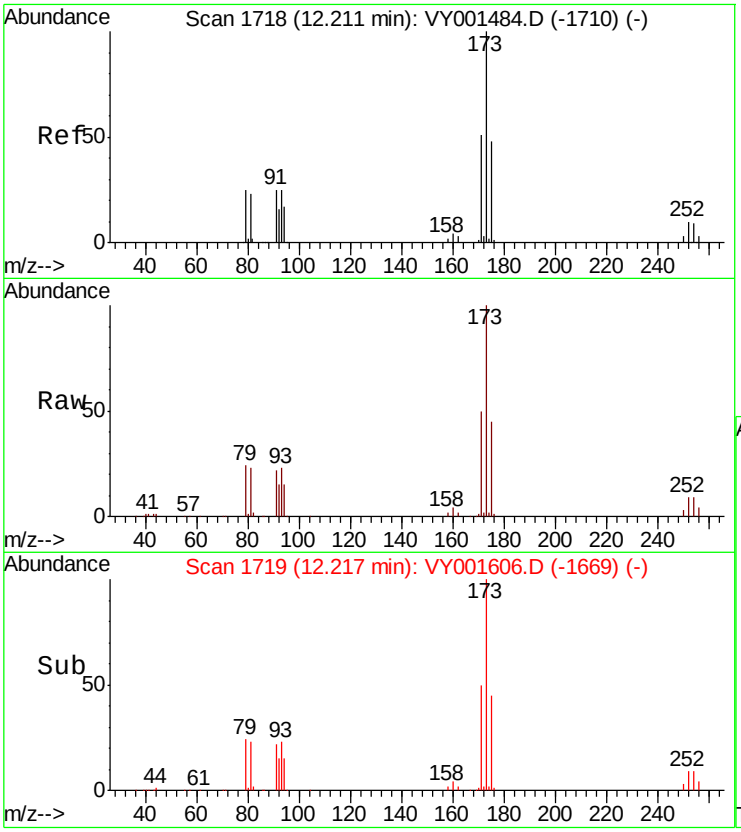




#70
Styrene
Concen: 46.122 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion:104 Resp: 305360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 48.6 | 40.4 | 60.6 |
| 103 | 53.8 | 42.8 | 64.2 |



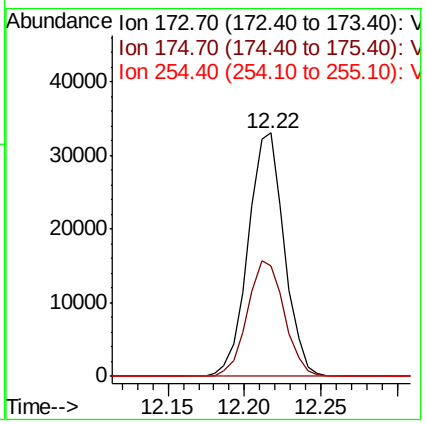


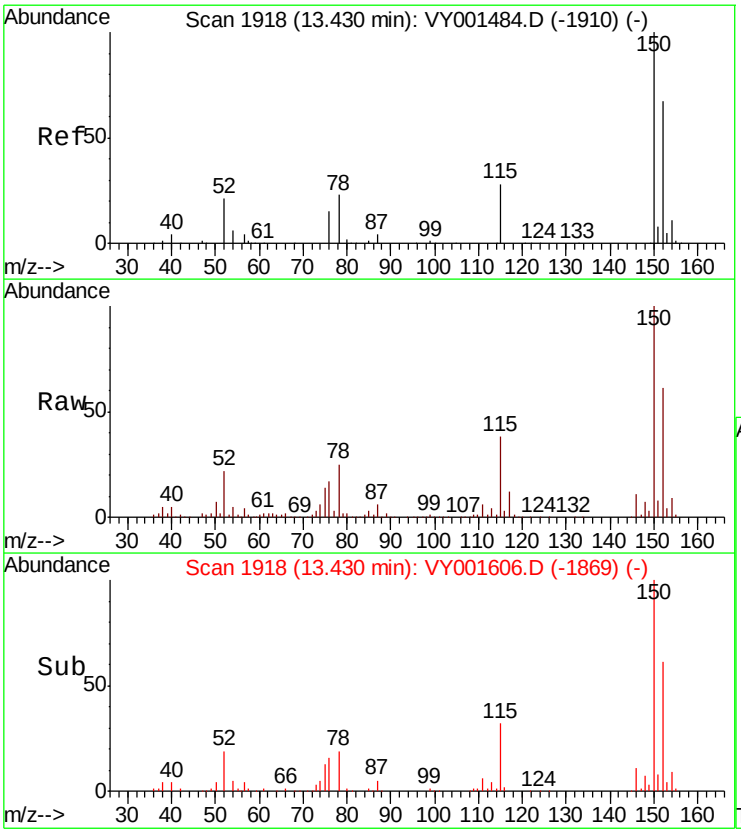

#71
Bromoform
Concen: 47.435 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. 0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion:173 Resp: 54079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.4 | 24.0 | 72.0 |
| 254 | 0.0 | 0.1 | 0.1# |

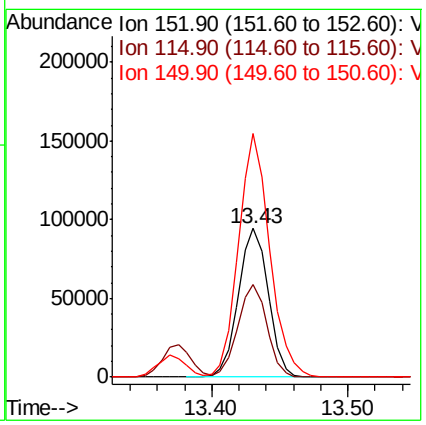


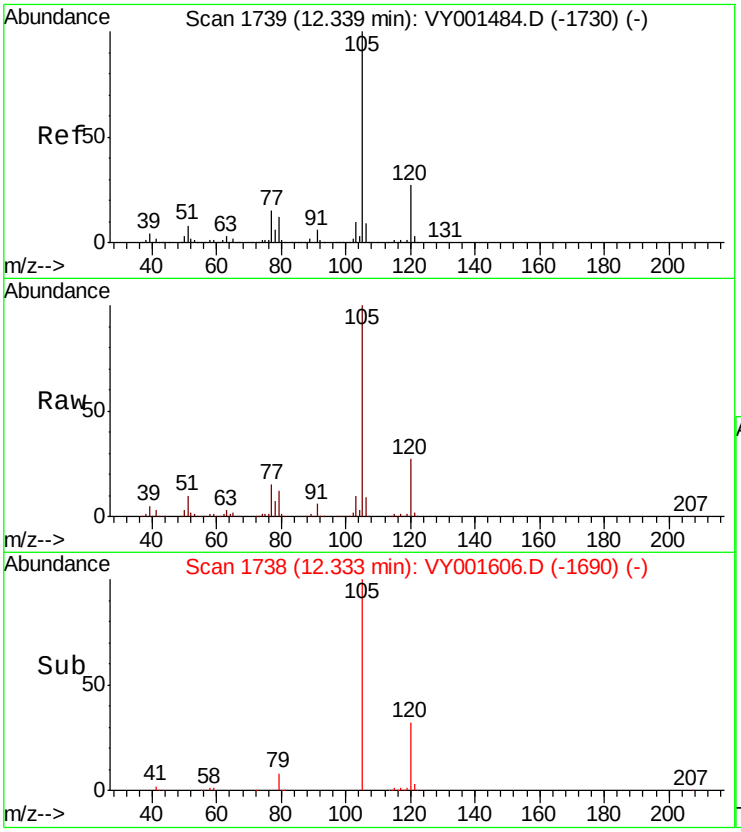




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion:152 Resp: 144858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.6 | 31.4 | 94.3 |
| 150 | 170.9 | 0.0 | 346.8 |



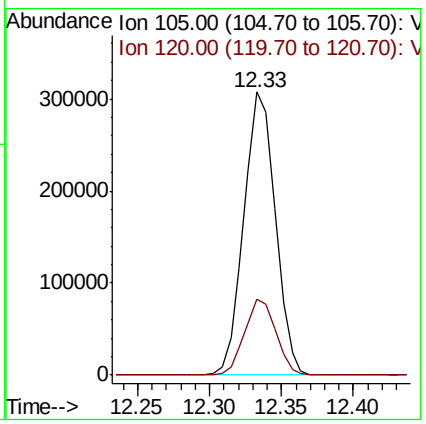


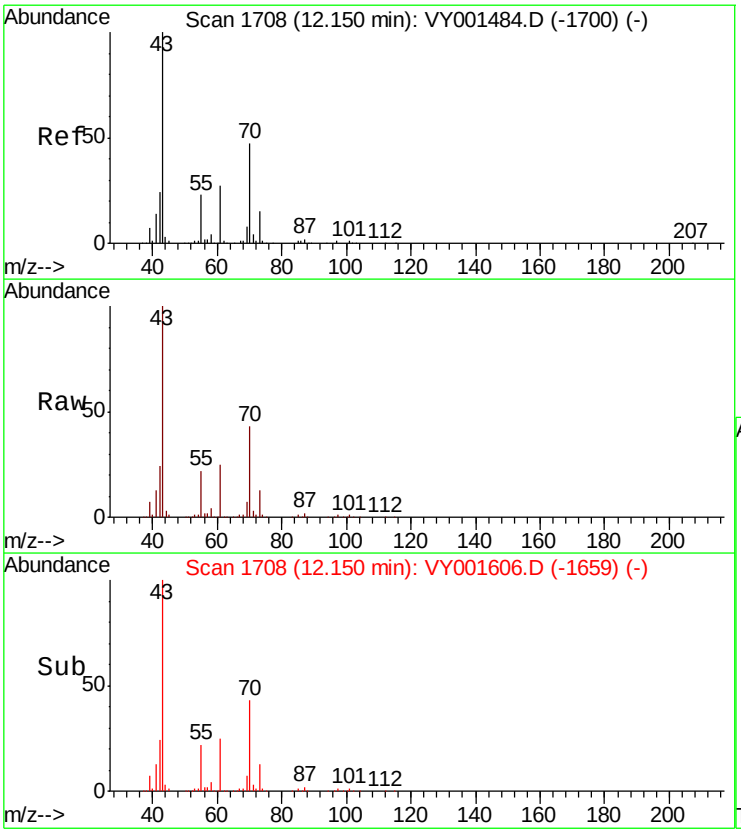

#73
Isopropylbenzene
Concen: 42.107 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion:105 Resp: 465203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.8 | 13.3 | 39.9 |

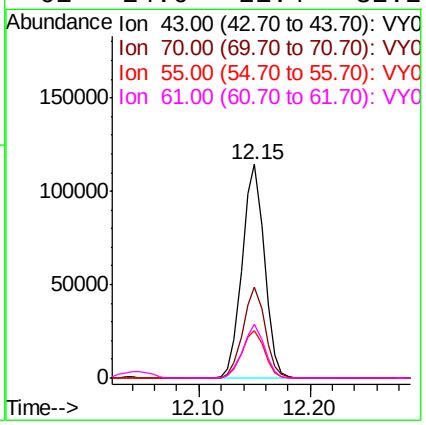


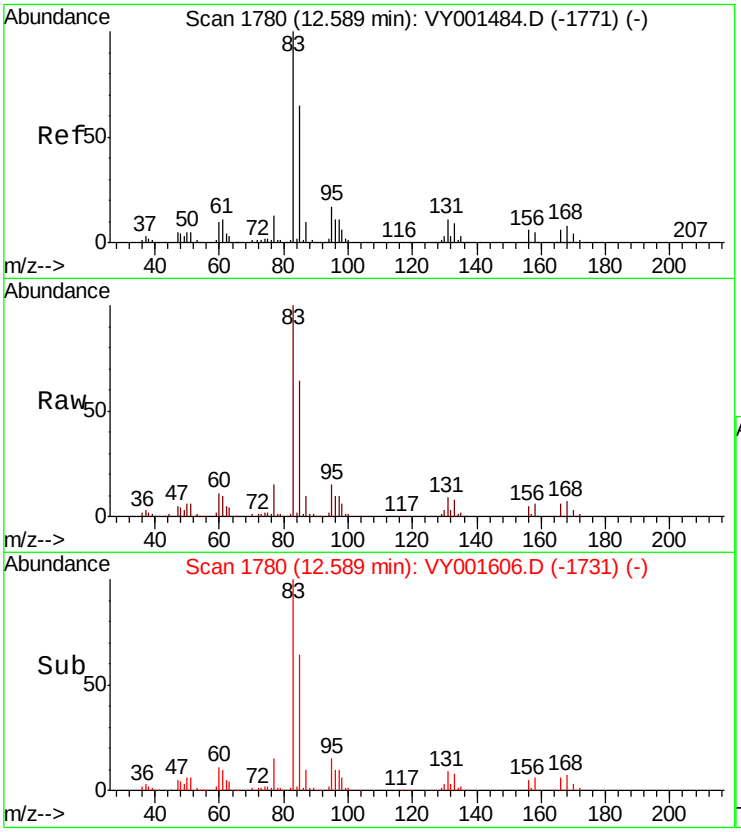




#74
N-amyl acetate
Concen: 55.569 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 43 Resp: 159532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 42.2 | 37.2 | 55.8 |
| 55 | 22.5 | 18.8 | 28.2 |
| 61 | 24.6 | 21.4 | 32.2 |



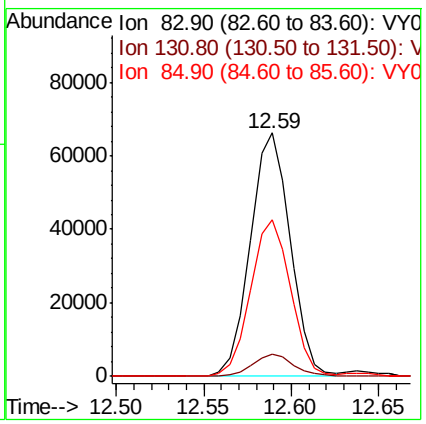


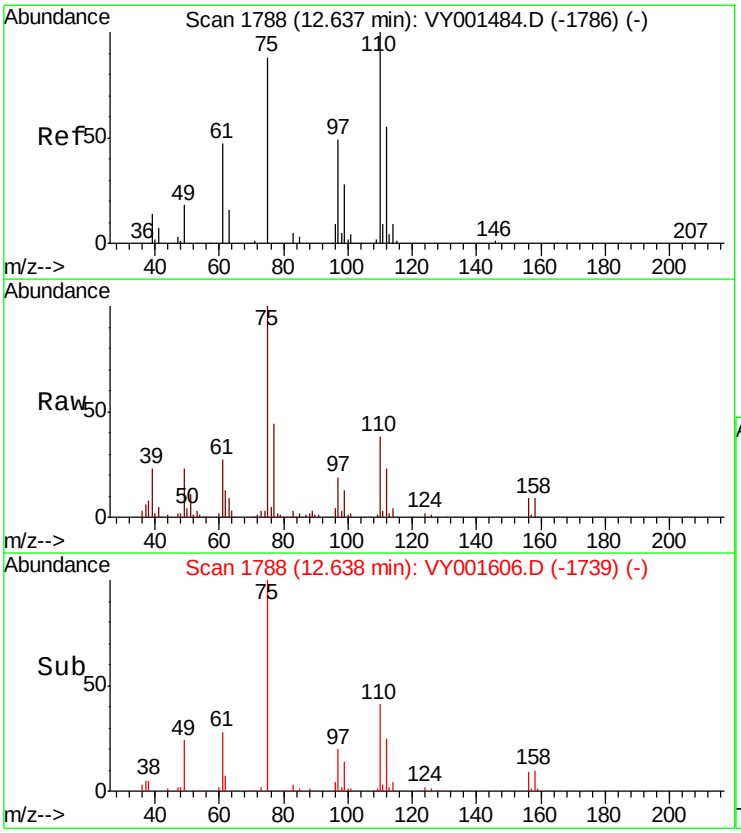

#75
1,1,2,2-Tetrachloroethane
Concen: 50.014 ug/l
RT: 12.59 min Scan# 1780
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 83 Resp: 104982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.3 | 5.4 | 16.2 |
| 85 | 64.4 | 32.0 | 96.0 |

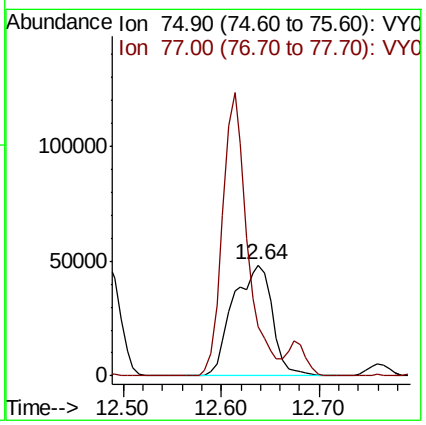


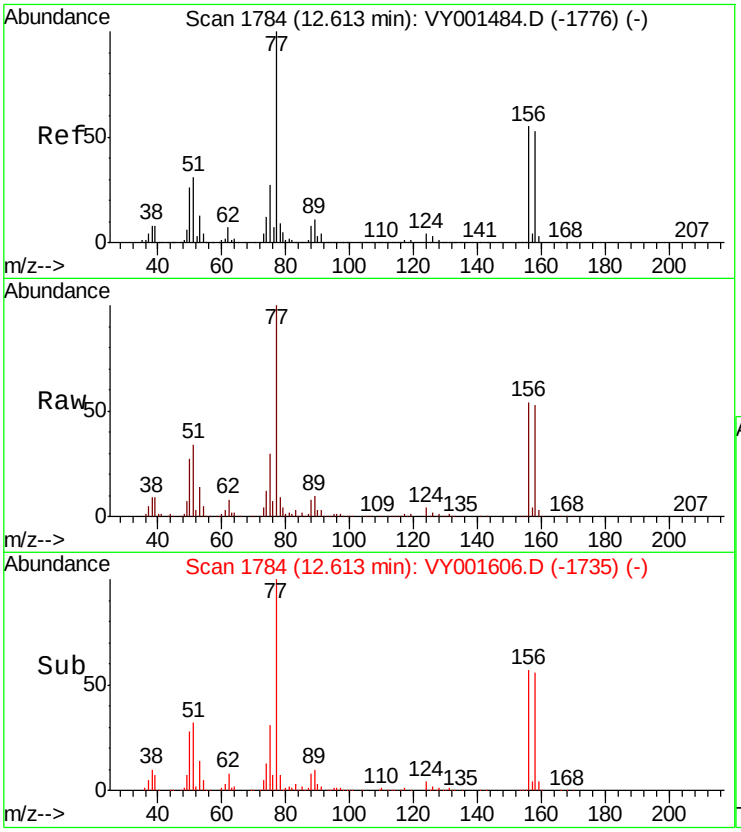




#76
1,2,3-Trichloropropane
Concen: 86.523 ug/l
RT: 12.64 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 75 Resp: 134786

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



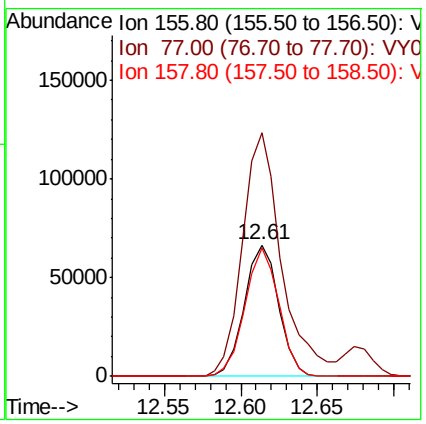


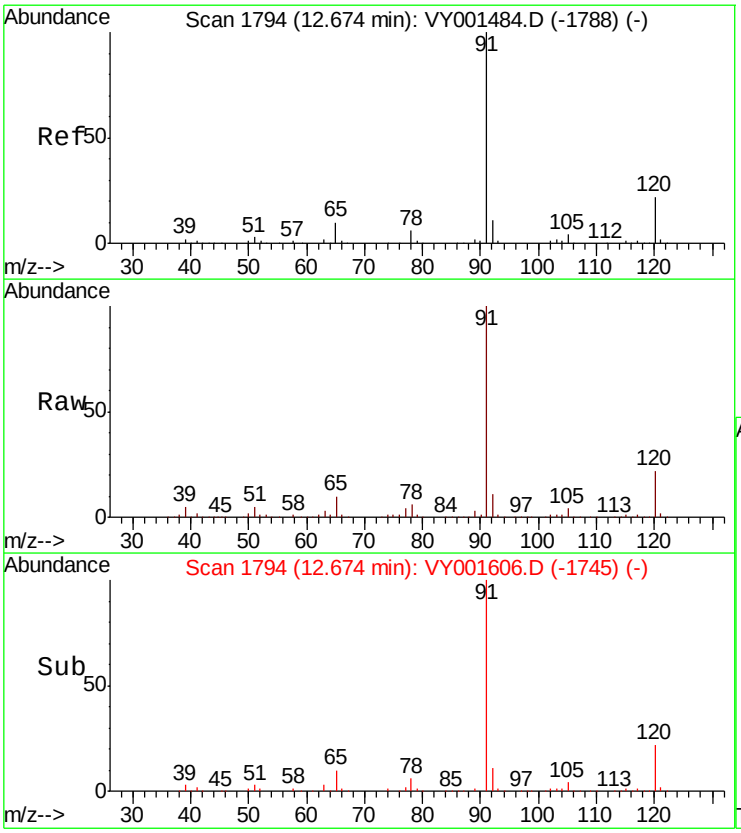

#77
Bromobenzene
Concen: 43.194 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion:156 Resp: 103275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 211.6 | 99.8 | 299.3 |
| 158 | 97.1 | 47.5 | 142.6 |

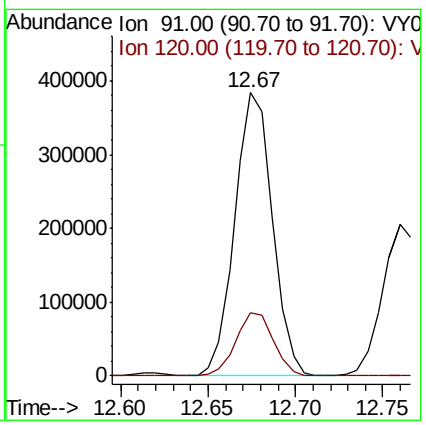


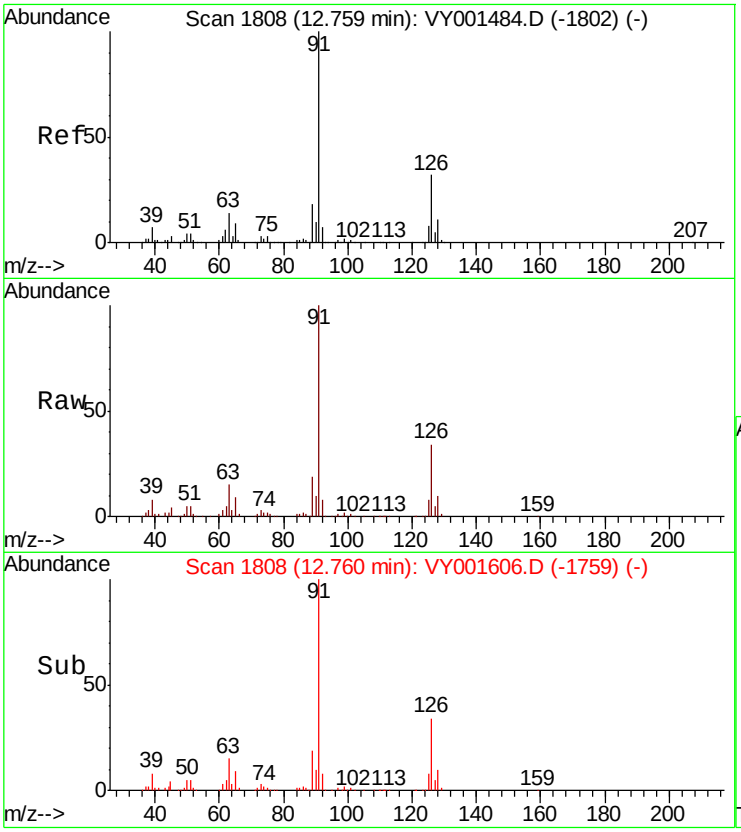




#78
n-propylbenzene
Concen: 43.355 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 91 Resp: 573431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.4 | 11.4 | 34.2 |



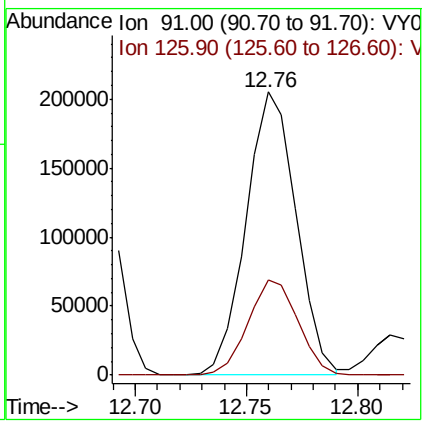


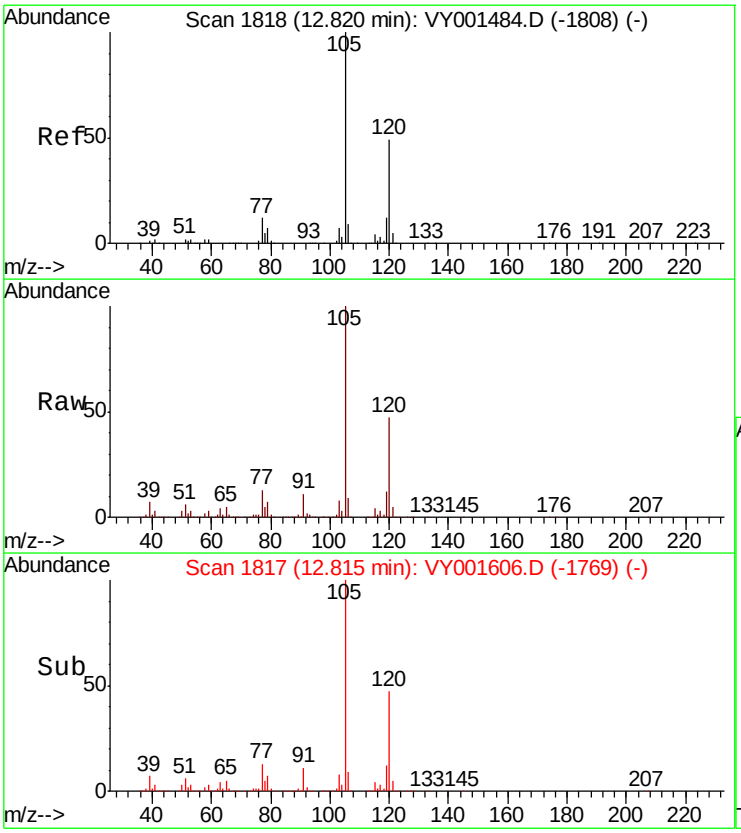

#79
2-Chlorotoluene
Concen: 42.492 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 91 Resp: 320358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.8 | 16.4 | 49.2 |

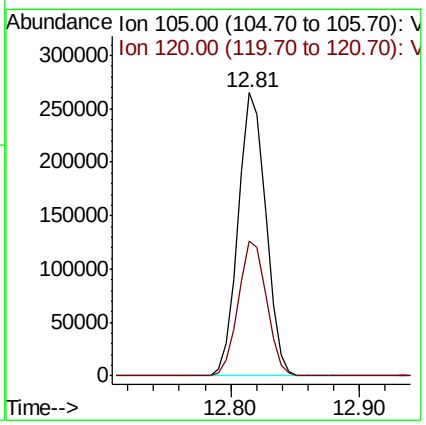


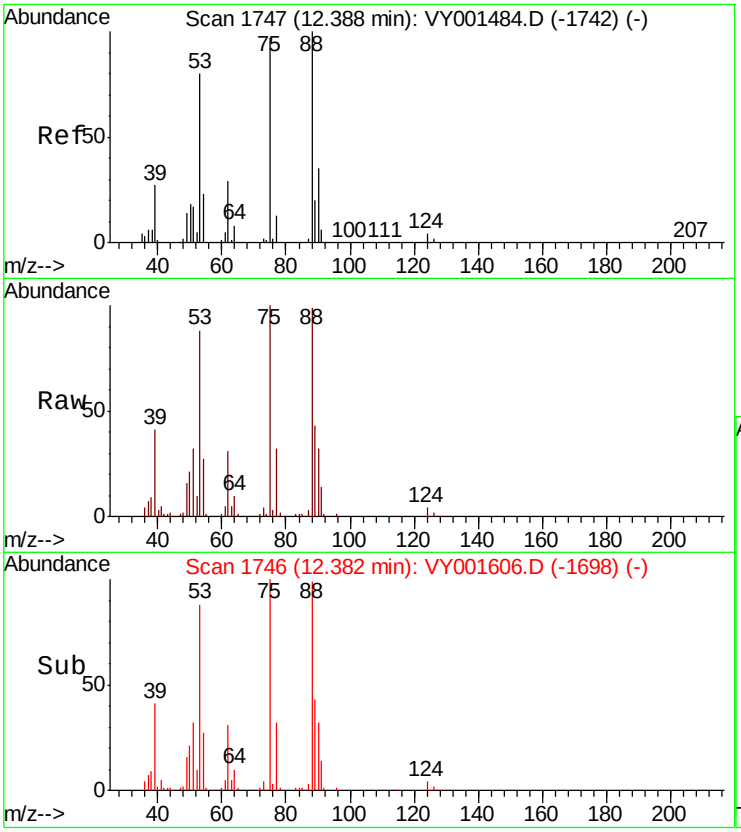




#80
1,3,5-Trimethylbenzene
Concen: 42.339 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion:105 Resp: 393938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.4 | 24.1 | 72.2 |



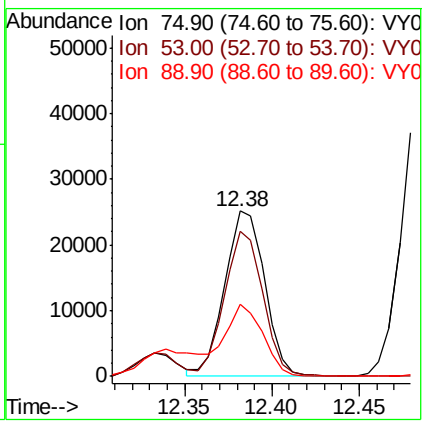


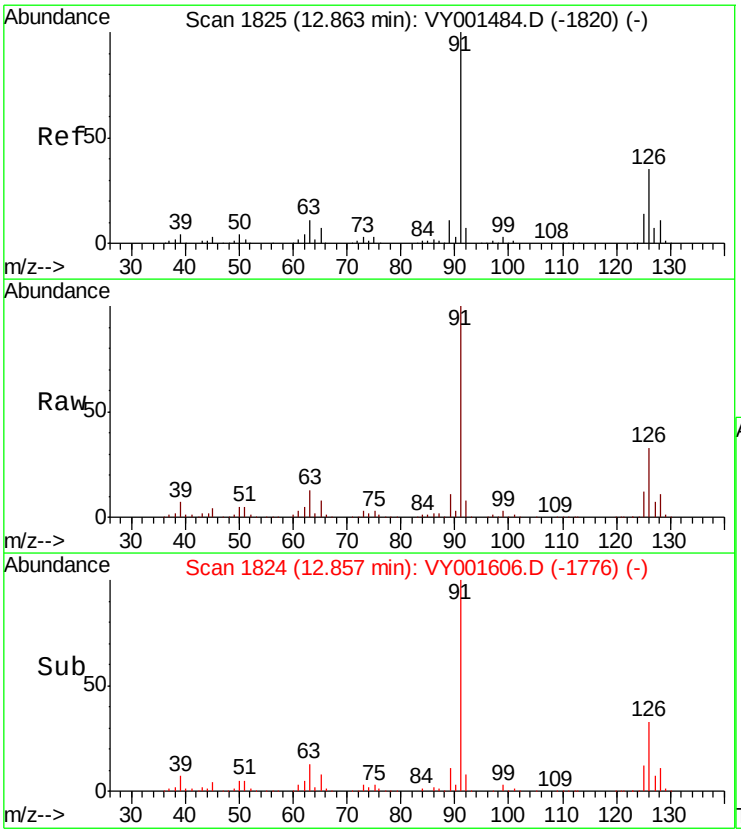

#81
trans-1,4-Dichloro-2-butene
Concen: 49.869 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 75 Resp: 40149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 83.6 | 67.7 | 101.5 |
| 89 | 40.6 | 34.6 | 52.0 |

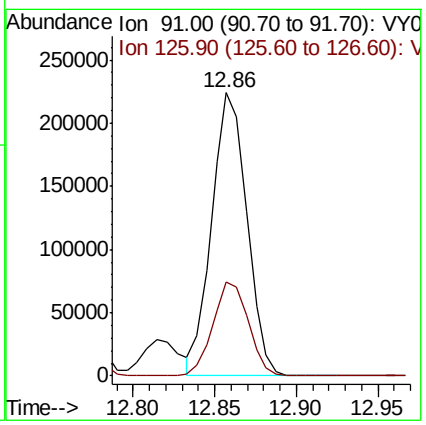


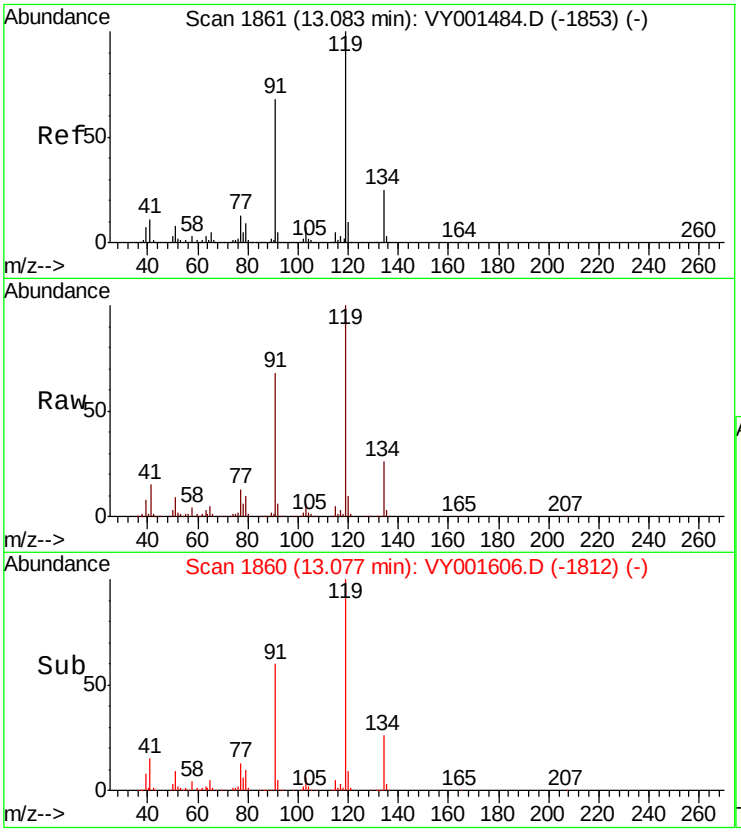




#82
4-Chlorotoluene
Concen: 42.551 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 91 Resp: 336347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.7 | 16.5 | 49.5 |



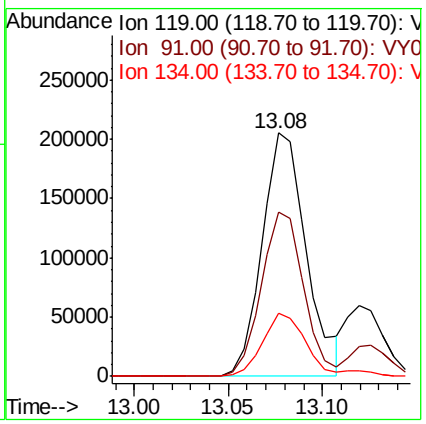


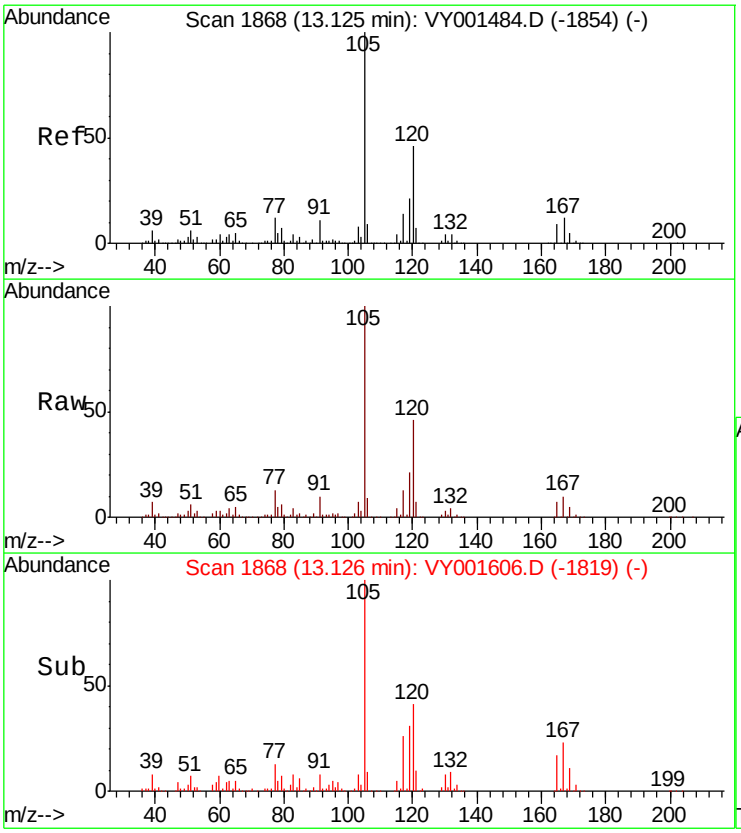

#83
tert-Butylbenzene
Concen: 42.546 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion:119 Resp: 334616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 64.6 | 33.1 | 99.3 |
| 134 | 26.4 | 13.0 | 39.0 |

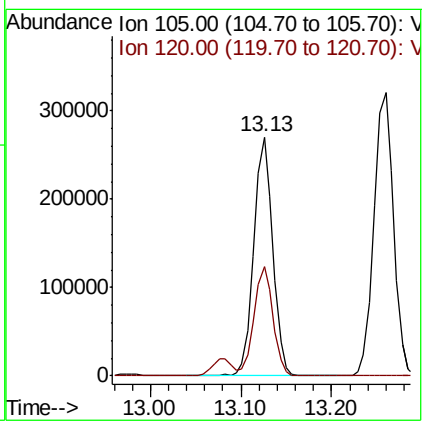


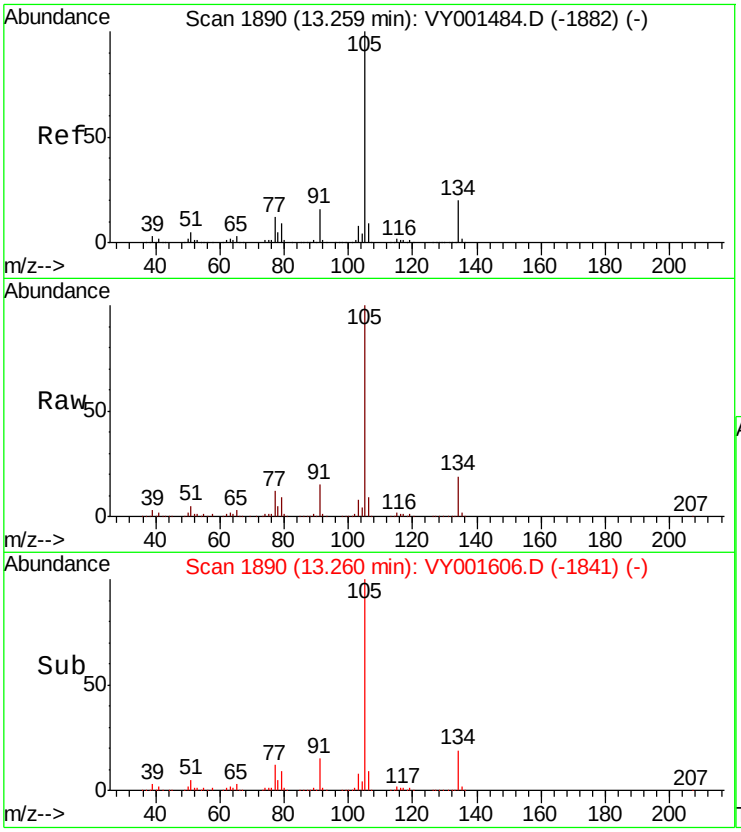




#84
1,2,4-Trimethylbenzene
Concen: 42.465 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion:105 Resp: 391058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.5 | 22.4 | 67.0 |



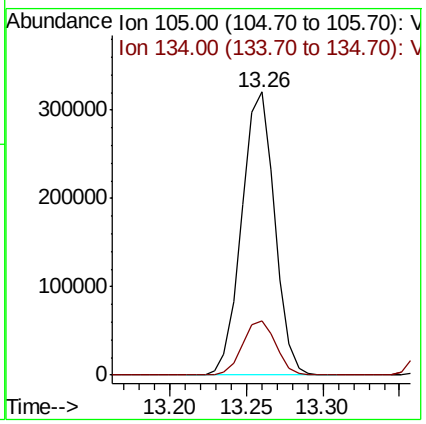


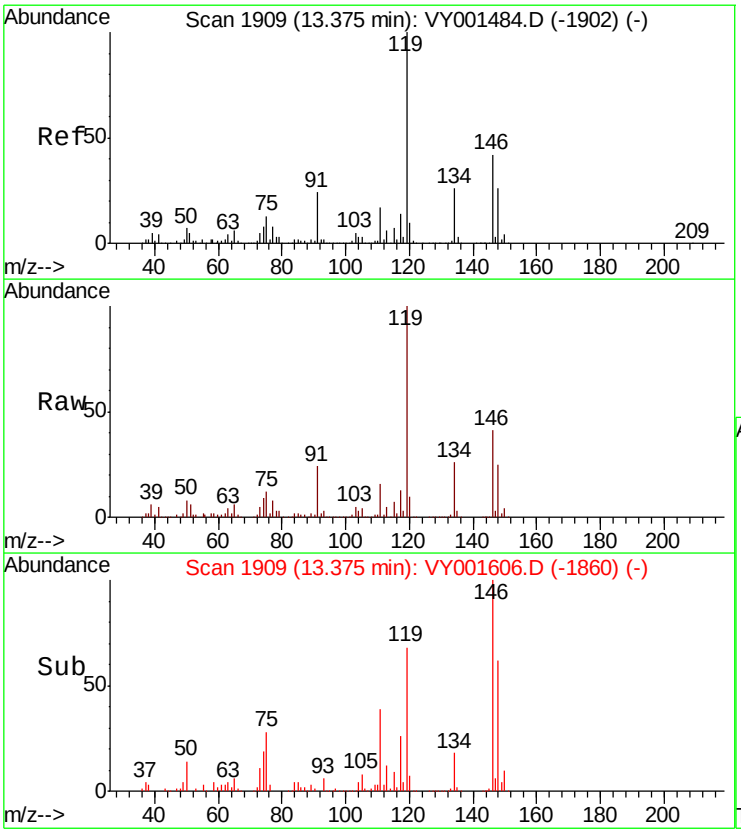

#85
sec-Butylbenzene
Concen: 43.329 ug/l
RT: 13.26 min Scan# 1890
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion:105 Resp: 479112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.6 | 10.0 | 29.8 |

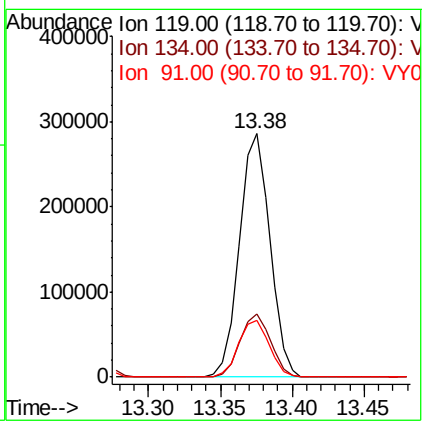


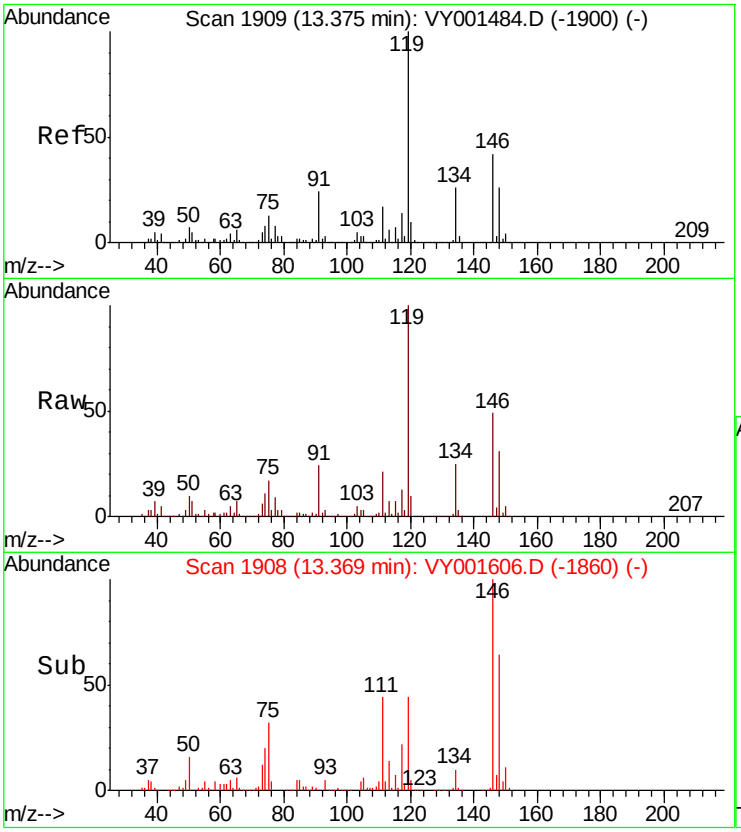




#86
p-Isopropyltoluene
Concen: 42.869 ug/l
RT: 13.38 min Scan# 1909
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion:119 Resp: 417731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.2 | 13.3 | 39.8 |
| 91 | 23.7 | 12.2 | 36.6 |



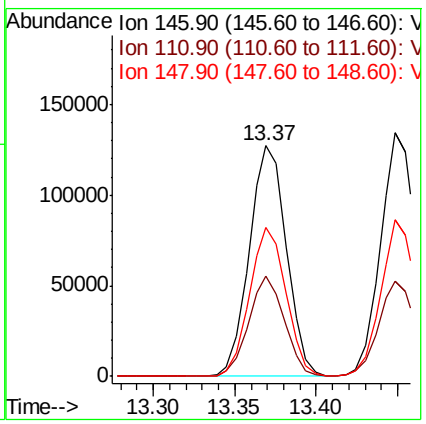


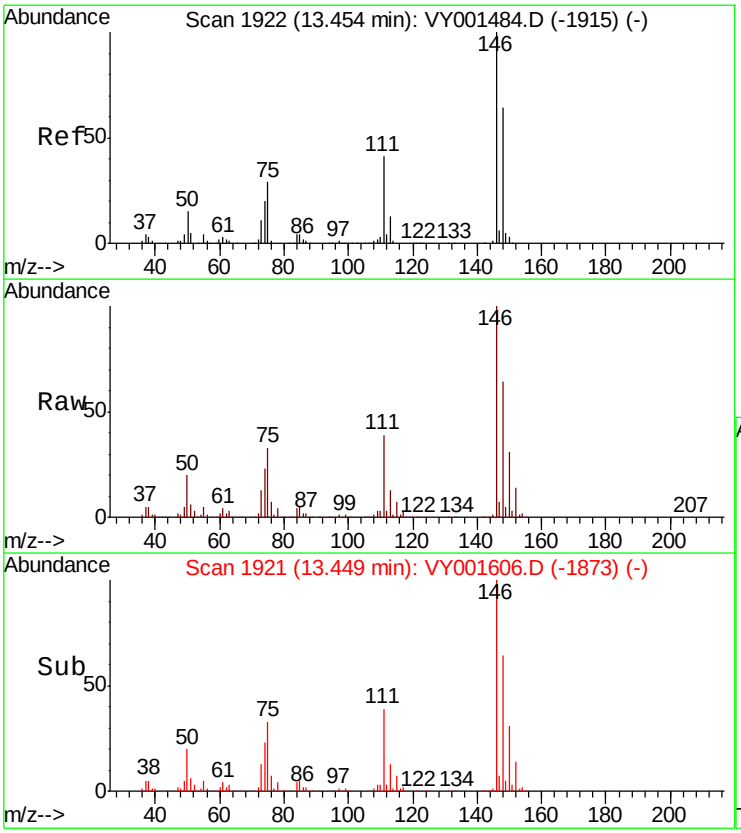

#87
1,3-Dichlorobenzene
Concen: 43.949 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion:146 Resp: 201376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.6 | 21.3 | 63.9 |
| 148 | 63.2 | 31.9 | 95.7 |

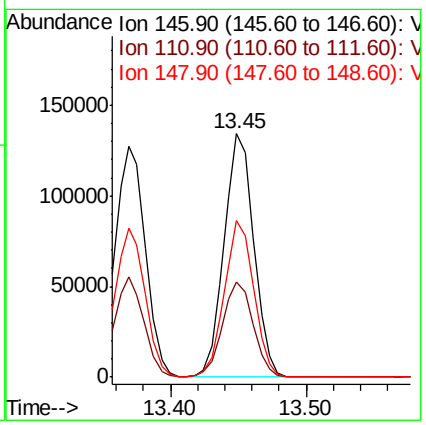


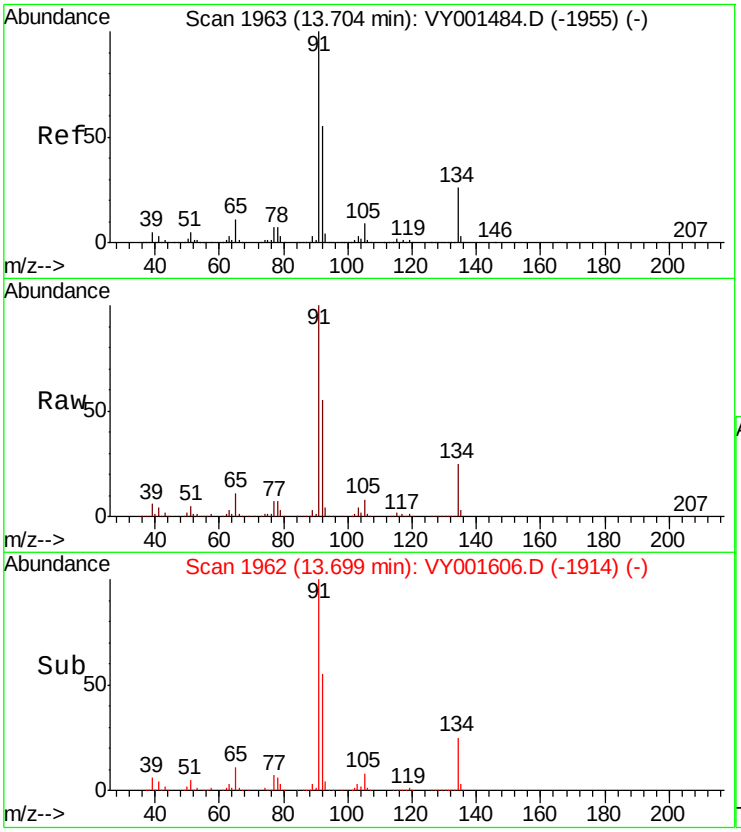




#88
1,4-Dichlorobenzene
Concen: 44.327 ug/l
RT: 13.45 min Scan# 1921
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion:146 Resp: 203482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.7 | 20.7 | 62.1 |
| 148 | 63.5 | 32.1 | 96.5 |



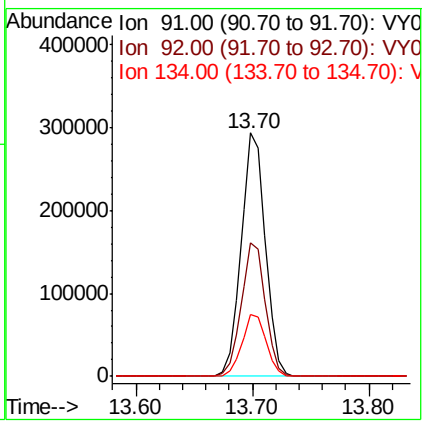


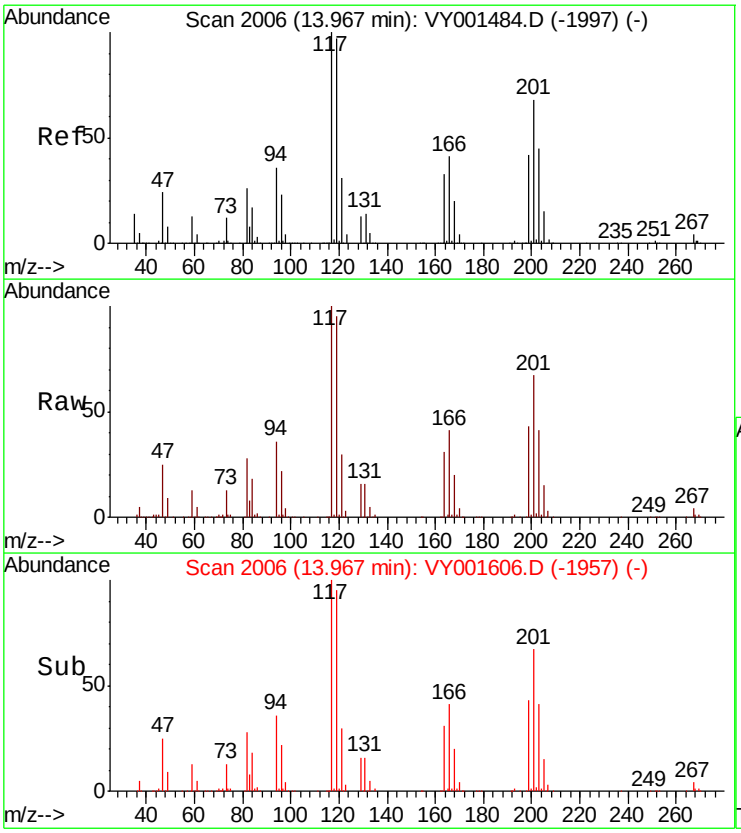

#89
n-Butylbenzene
Concen: 44.212 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion: 91 Resp: 425071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.6 | 27.3 | 81.9 |
| 134 | 25.5 | 13.0 | 38.9 |

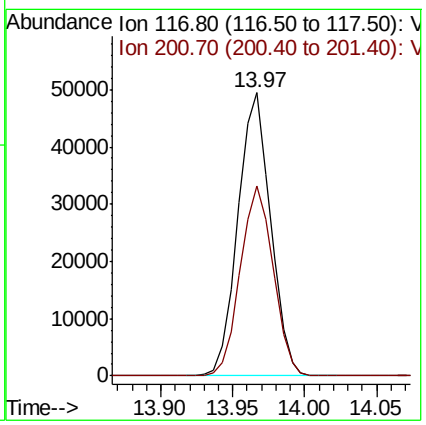


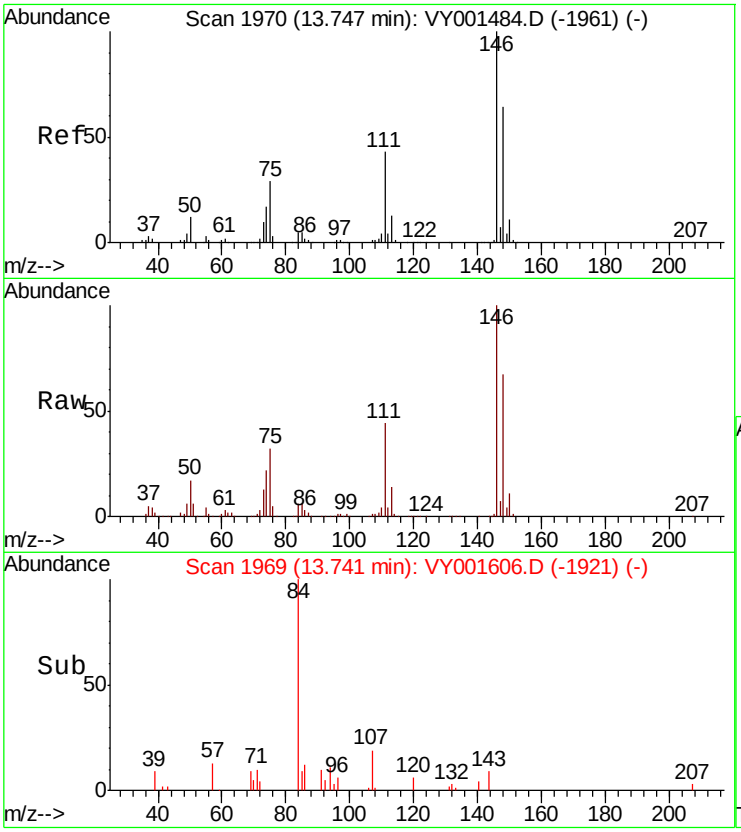




#90
Hexachloroethane
Concen: 41.505 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion:117 Resp: 77626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 67.4 | 34.1 | 102.3 |



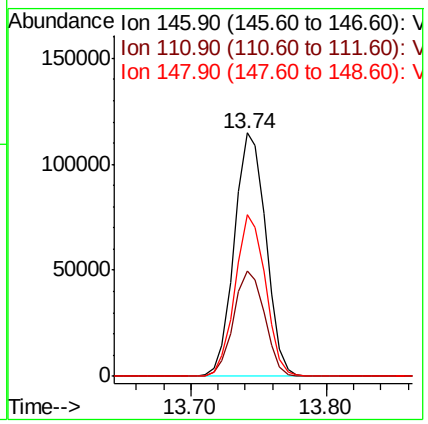


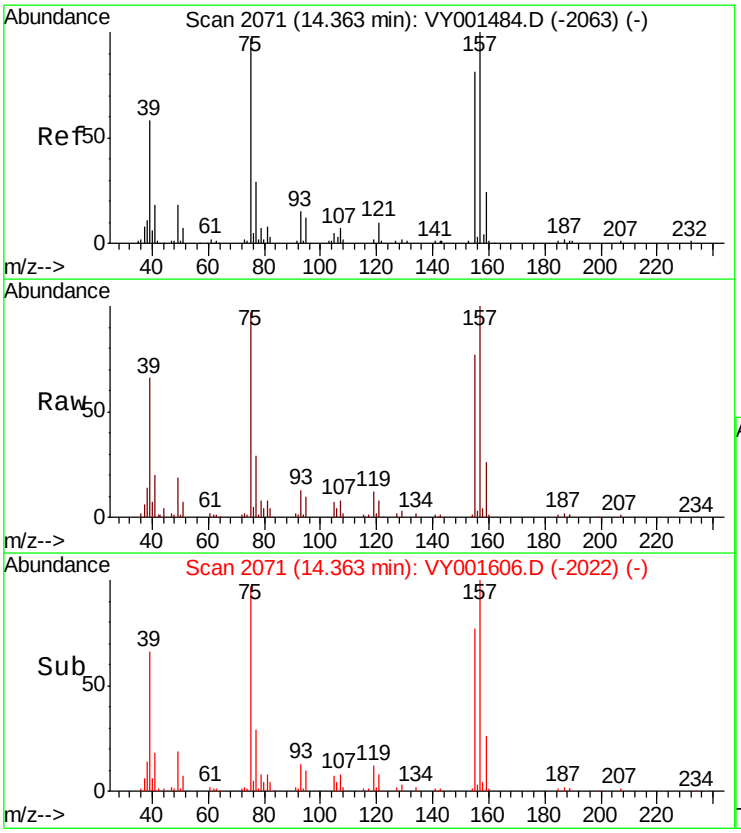

#91
1,2-Dichlorobenzene
Concen: 44.716 ug/l
RT: 13.74 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion:146 Resp: 185679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.6 | 21.9 | 65.8 |
| 148 | 63.9 | 31.8 | 95.3 |

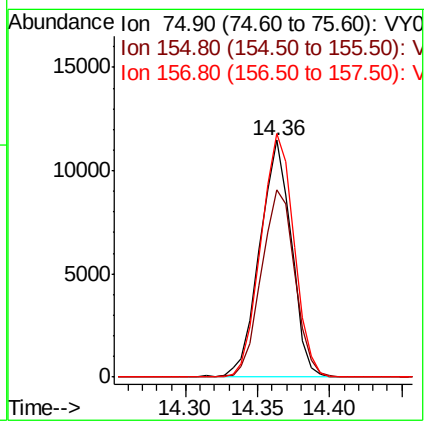


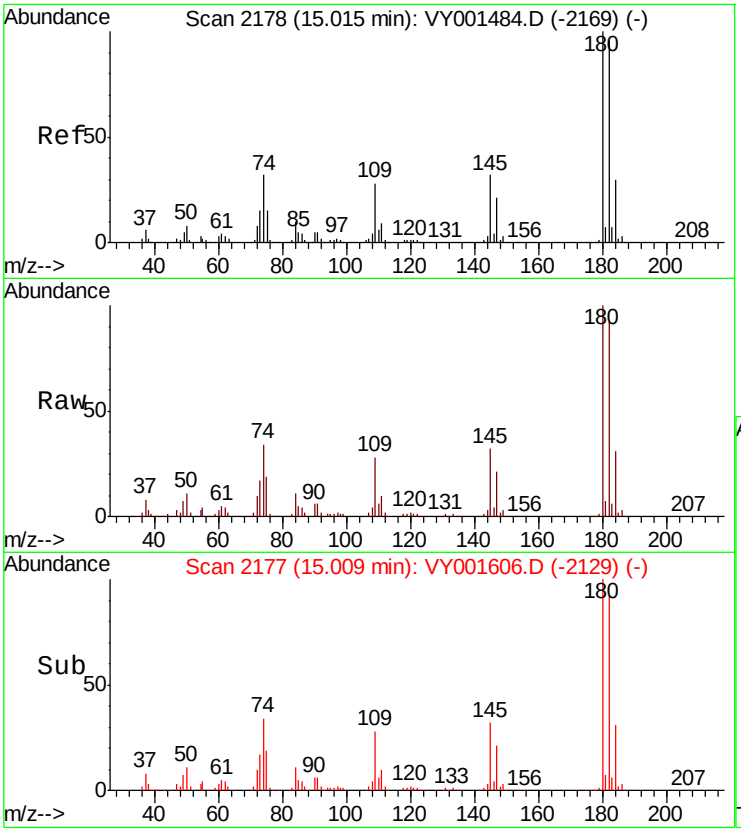




#92
1,2-Dibromo-3-Chloropropane
Concen: 44.864 ug/l
RT: 14.36 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion: 75 Resp: 17385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 83.5 | 40.7 | 122.1 |
| 157 | 107.0 | 52.3 | 157.1 |



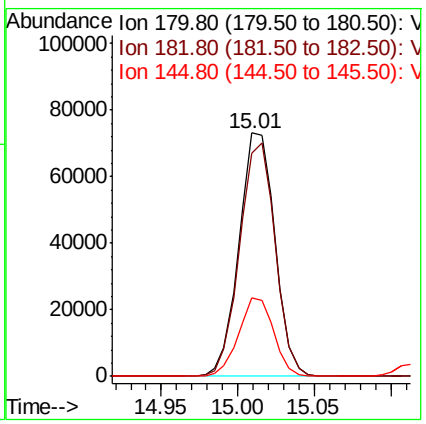


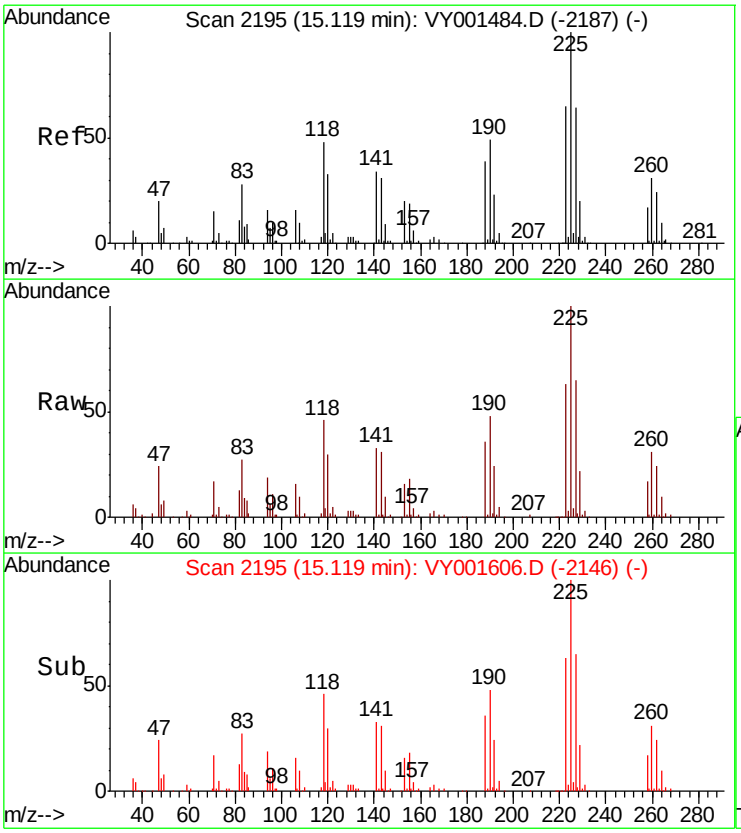

#93
1,2,4-Trichlorobenzene
Concen: 42.647 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion:180 Resp: 119338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.1 | 46.9 | 140.7 |
| 145 | 31.5 | 16.8 | 50.3 |

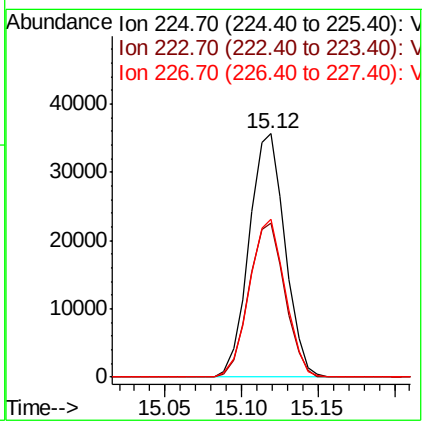


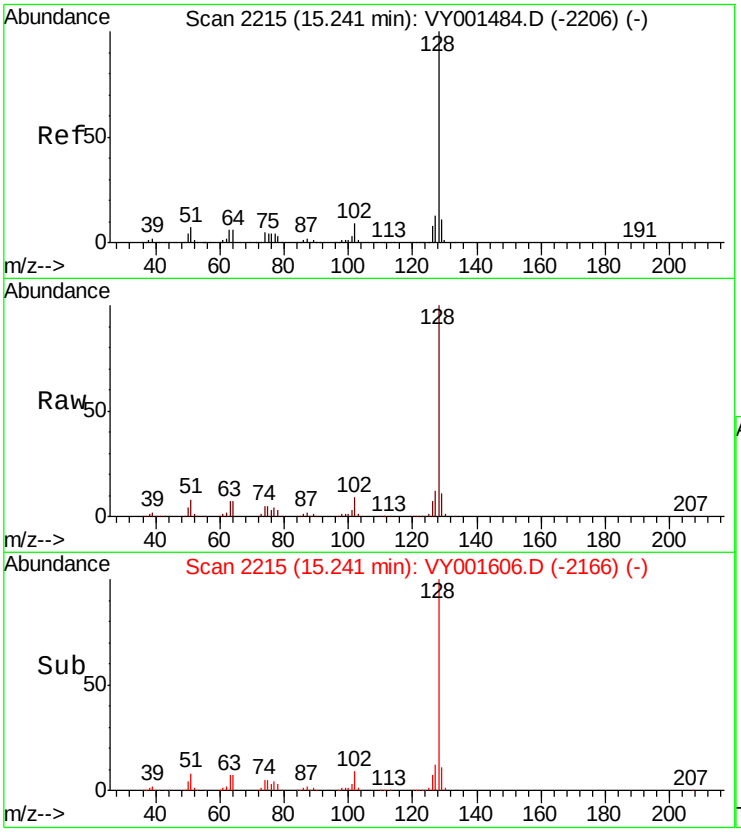




#94
Hexachlorobutadiene
Concen: 41.059 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion:225 Resp: 58312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.6 | 31.9 | 95.7 |
| 227 | 64.6 | 32.6 | 97.7 |



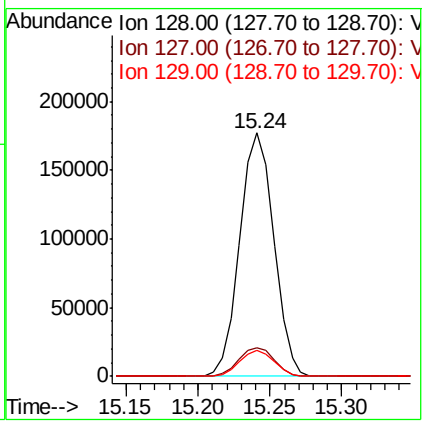


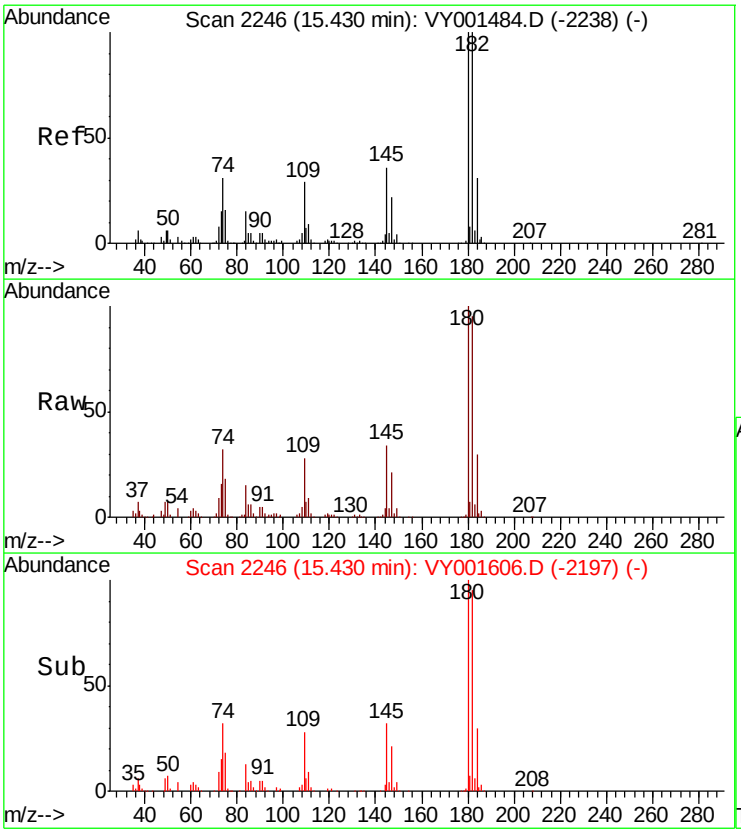

#95
Naphthalene
Concen: 44.269 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

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

Tgt Ion:128 Resp: 291130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.2 | 10.1 | 15.1 |
| 129 | 11.0 | 8.9 | 13.3 |




#96
1,2,3-Trichlorobenzene
Concen: 43.917 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY001606.D
Acq: 11 Feb 2020 17:49

Tgt Ion:180 Resp: 108479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.6 | 48.0 | 144.2 |
| 145 | 33.8 | 17.8 | 53.5 |