Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY071020\
Data File : VY003157.D
Acq On : 10 Jul 2020 11:30
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC010

Quant Time: Jul 10 12:46:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 12:43:42 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.80 | 168 | 483763 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.69 | 114 | 702256 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.49 | 117 | 645048 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152 | 344187 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.14 | 65 | 42797 | 9.27 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 18.54% | | | |
| 35) Dibromofluoromethane | 7.73 | 113 | 41085 | 9.62 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 19.24% | | | |
| 50) Toluene-d8 | 10.18 | 98 | 157774 | 9.96 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 19.92% | | | |
| 62) 4-Bromofluorobenzene | 12.48 | 95 | 56550 | 10.13 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 20.26% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.91 | 85 | 39237 | 11.059 | ug/l | 97 |
| 3) Chloromethane | 2.12 | 50 | 53671 | 10.178 | ug/l | 99 |
| 4) Vinyl Chloride | 2.26 | 62 | 51873 | 10.138 | ug/l | 95 |
| 5) Bromomethane | 2.65 | 94 | 38870 | 11.034 | ug/l | 97 |
| 6) Chloroethane | 2.80 | 64 | 33780 | 10.305 | ug/l | 98 |
| 7) Trichlorofluoromethane | 3.13 | 101 | 74048 | 10.237 | ug/l | 99 |
| 8) Diethyl Ether | 3.54 | 74 | 24385 | 9.847 | ug/l | 100 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.90 | 101 | 43723 | 10.086 | ug/l | 98 |
| 10) Methyl Iodide | 4.10 | 142 | 41887 | 7.918 | ug/l | 100 |
| 11) Tert butyl alcohol | 4.96 | 59 | 25309 | 53.471 | ug/l | 97 |
| 12) 1,1-Dichloroethene | 3.88 | 96 | 41702 | 10.111 | ug/l | 95 |
| 13) Acrolein | 3.74 | 56 | 20826 | 48.773 | ug/l | 97 |
| 14) Allyl chloride | 4.49 | 41 | 57196 | 8.095 | ug/l | 93 |
| 15) Acrylonitrile | 5.18 | 53 | 57935 | 45.933 | ug/l | 97 |
| 16) Acetone | 3.96 | 43 | 46913 | 43.432 | ug/l | 98 |
| 17) Carbon Disulfide | 4.20 | 76 | 129001 | 9.846 | ug/l | 99 |
| 18) Methyl Acetate | 4.47 | 43 | 25953 | 8.843 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 5.23 | 73 | 114175 | 9.566 | ug/l | 100 |
| 20) Methylene Chloride | 4.72 | 84 | 63144 | 10.125 | ug/l | 91 |
| 21) trans-1,2-Dichloroethene | 5.23 | 96 | 46883 | 10.006 | ug/l | 97 |
| 22) Diisopropyl ether | 6.13 | 45 | 133375 | 8.756 | ug/l | 98 |
| 23) Vinyl Acetate | 6.07 | 43 | 439251 | 43.332 | ug/l | 97 |
| 24) 1,1-Dichloroethane | 6.02 | 63 | 78672 | 9.388 | ug/l | 96 |
| 25) 2-Butanone | 7.00 | 43 | 75519 | 43.747 | ug/l | 98 |
| 26) 2,2-Dichloropropane | 6.99 | 77 | 70638 | 9.281 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 7.00 | 96 | 50870 | 9.700 | ug/l | 99 |
| 28) Bromochloromethane | 7.34 | 49 | 36428 | 9.904 | ug/l | 99 |
| 29) Tetrahydrofuran | 7.35 | 42 | 51104 | 44.438 | ug/l | 97 |
| 30) Chloroform | 7.52 | 83 | 82107 | 9.845 | ug/l | 94 |
| 31) Cyclohexane | 7.79 | 56 | 78251 | 9.488 | ug/l # | 93 |
| 32) 1,1,1-Trichloroethane | 7.71 | 97 | 72998 | 9.609 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 7.93 | 75 | 63902 | 9.606 | ug/l | 99 |
| 37) Ethyl Acetate | 7.08 | 43 | 36520 | 9.319 | ug/l | 98 |
| 38) Carbon Tetrachloride | 7.90 | 117 | 66346 | 9.582 | ug/l | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY071020\
Data File : VY003157.D
Acq On : 10 Jul 2020 11:30
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC010

Quant Time: Jul 10 12:46:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 12:43:42 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.19 | 83 | 80504 | 9.761 | ug/l | | 100 |
| 40) Benzene | 8.16 | 78 | 178796 | 9.812 | ug/l | | 98 |
| 41) Methacrylonitrile | 7.35 | 41 | 49363 | 23.638 | ug/l | # | 1 |
| 42) 1,2-Dichloroethane | 8.24 | 62 | 55334 | 9.665 | ug/l | | 96 |
| 43) Isopropyl Acetate | 8.28 | 43 | 66975 | 8.986 | ug/l | | 100 |
| 44) Trichloroethene | 8.94 | 130 | 54927 | 10.283 | ug/l | | 92 |
| 45) 1,2-Dichloropropane | 9.22 | 63 | 46237 | 9.473 | ug/l | | 96 |
| 46) Dibromomethane | 9.31 | 93 | 26969 | 9.834 | ug/l | | 98 |
| 47) Bromodichloromethane | 9.50 | 83 | 63568 | 9.513 | ug/l | | 99 |
| 48) Methyl methacrylate | 9.30 | 41 | 29051 | 8.562 | ug/l | | 98 |
| 49) 1,4-Dioxane | 9.30 | 88 | 6441 | 190.191 | ug/l | # | 89 |
| 51) 4-Methyl-2-Pentanone | 10.07 | 43 | 172540 | 44.698 | ug/l | | 99 |
| 52) Toluene | 10.24 | 92 | 112182 | 9.746 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 10.47 | 75 | 64541 | 9.228 | ug/l | | 97 |
| 54) cis-1,3-Dichloropropene | 9.93 | 75 | 75835 | 9.481 | ug/l | | 95 |
| 55) 1,1,2-Trichloroethane | 10.64 | 97 | 38844 | 10.230 | ug/l | | 98 |
| 56) Ethyl methacrylate | 10.51 | 69 | 48584 | 8.889 | ug/l | | 98 |
| 57) 1,3-Dichloropropane | 10.79 | 76 | 63874 | 9.575 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 9.78 | 63 | 133387 | 48.139 | ug/l | | 99 |
| 59) 2-Hexanone | 10.83 | 43 | 118592 | 44.007 | ug/l | | 99 |
| 60) Dibromochloromethane | 10.99 | 129 | 48127 | 9.880 | ug/l | | 100 |
| 61) 1,2-Dibromoethane | 11.09 | 107 | 36755 | 9.780 | ug/l | | 98 |
| 64) Tetrachloroethene | 10.72 | 164 | 58634 | 10.787 | ug/l | | 96 |
| 65) Chlorobenzene | 11.52 | 112 | 126081 | 10.032 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 11.59 | 131 | 48188 | 9.853 | ug/l | | 98 |
| 67) Ethyl Benzene | 11.59 | 91 | 222582 | 9.703 | ug/l | | 97 |
| 68) m/p-Xylenes | 11.70 | 106 | 169928 | 19.914 | ug/l | | 99 |
| 69) o-Xylene | 12.03 | 106 | 77937 | 9.684 | ug/l | | 98 |
| 70) Styrene | 12.04 | 104 | 132628 | 9.643 | ug/l | | 98 |
| 71) Bromoform | 12.20 | 173 | 31079 | 9.564 | ug/l | # | 99 |
| 73) Isopropylbenzene | 12.33 | 105 | 215831 | 9.689 | ug/l | | 100 |
| 74) N-amyl acetate | 12.14 | 43 | 59109 | 8.349 | ug/l | | 98 |
| 75) 1,1,2,2-Tetrachloroethane | 12.58 | 83 | 42677 | 9.572 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 12.63 | 75 | 58389 | 17.647 | ug/l | # | 100 |
| 77) Bromobenzene | 12.61 | 156 | 56699 | 9.939 | ug/l | | 96 |
| 78) n-propylbenzene | 12.67 | 91 | 256965 | 9.615 | ug/l | | 98 |
| 79) 2-Chlorotoluene | 12.75 | 91 | 143592 | 9.629 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 12.81 | 105 | 181124 | 9.701 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75 | 14934 | 8.772 | ug/l | | 98 |
| 82) 4-Chlorotoluene | 12.85 | 91 | 151112 | 9.738 | ug/l | | 99 |
| 83) tert-Butylbenzene | 13.07 | 119 | 160797 | 9.798 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 13.12 | 105 | 182081 | 9.675 | ug/l | | 97 |
| 85) sec-Butylbenzene | 13.25 | 105 | 222368 | 9.842 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 13.37 | 119 | 205605 | 9.809 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 13.36 | 146 | 105605 | 9.913 | ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 13.44 | 146 | 108103 | 10.293 | ug/l | | 99 |
| 89) n-Butylbenzene | 13.69 | 91 | 195933 | 9.796 | ug/l | | 98 |
| 90) Hexachloroethane | 13.96 | 117 | 36874 | 8.956 | ug/l | | 100 |
| 91) 1,2-Dichlorobenzene | 13.74 | 146 | 94949 | 9.977 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75 | 7134 | 9.243 | ug/l | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY071020\
Data File : VY003157.D
Acq On : 10 Jul 2020 11:30
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC010

Quant Time: Jul 10 12:46:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 12:43:42 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.00 | 180 | 67755 | 9.646 | ug/l | 99 |
| 94) Hexachlorobutadiene | 15.11 | 225 | 46693 | 10.415 | ug/l | 100 |
| 95) Naphthalene | 15.23 | 128 | 111607 | 8.871 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180 | 53778 | 8.976 | ug/l | 98 |

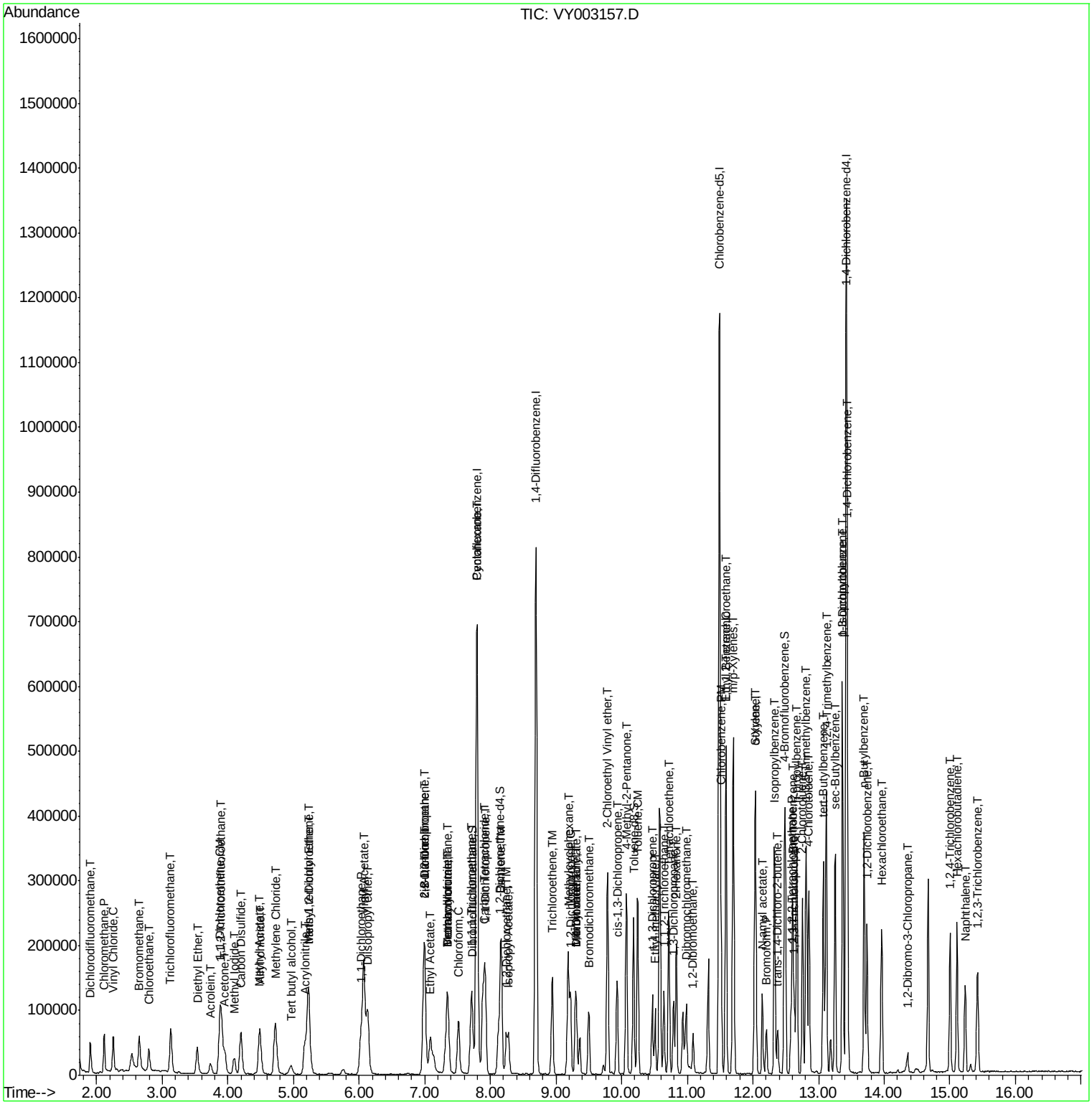
(#) = qualifier out of range (m) = manual integration (+) = signals summed

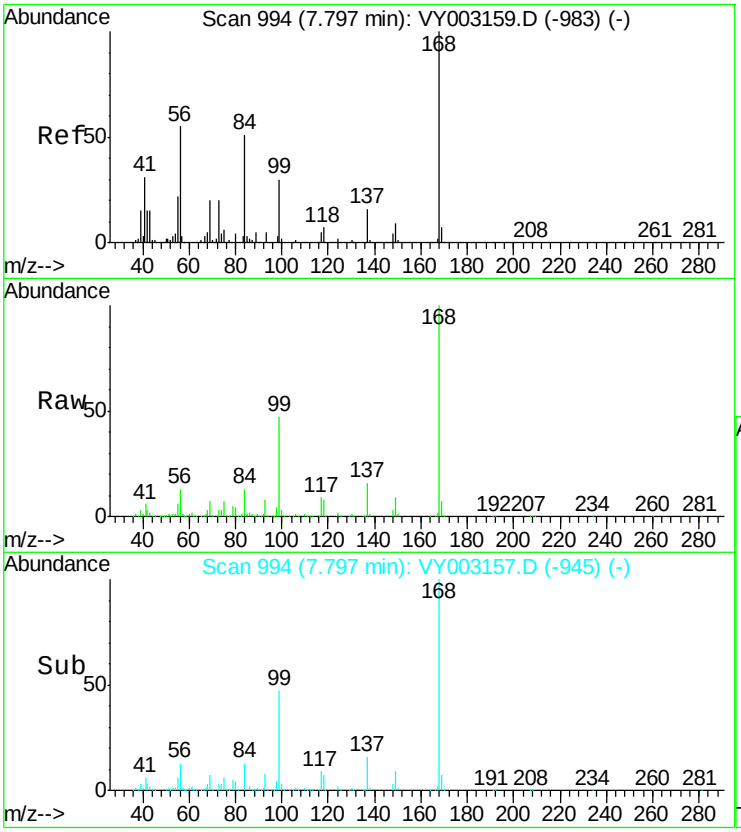
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY071020\
Data File : VY003157.D
Acq On : 10 Jul 2020 11:30
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Quant Time: Jul 10 12:46:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 12:43:42 2020
Response via : Initial Calibration



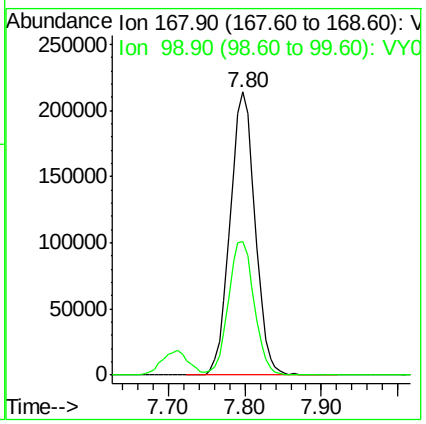


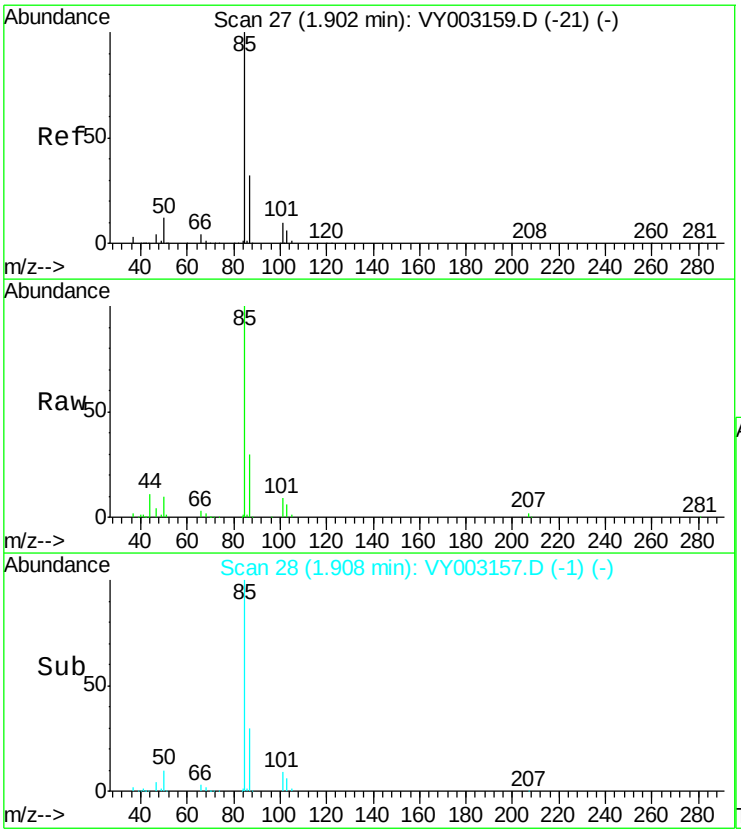

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion:168 Resp: 483763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 47.1 | 37.3 | 55.9 |

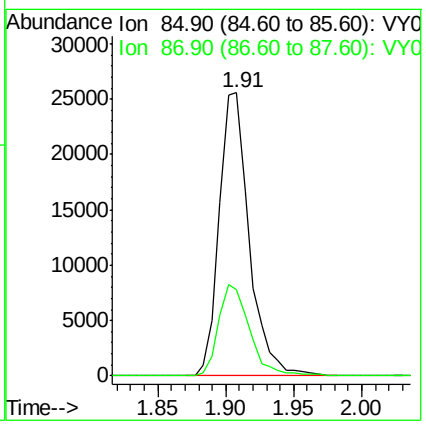


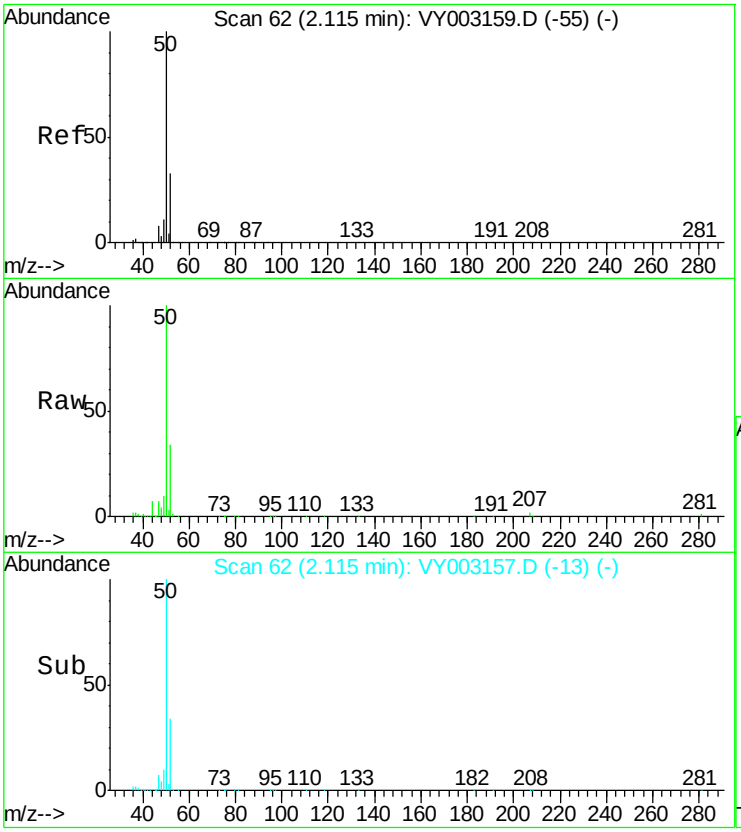




#2
Dichlorodifluoromethane
Concen: 11.059 ug/l
RT: 1.91 min Scan# 28
Delta R.T. 0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 85 Resp: 39237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 30.1 | 15.9 | 47.7 |



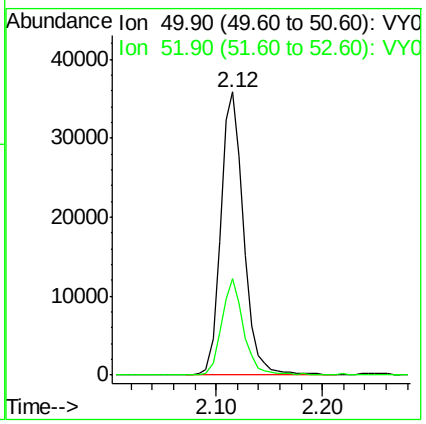


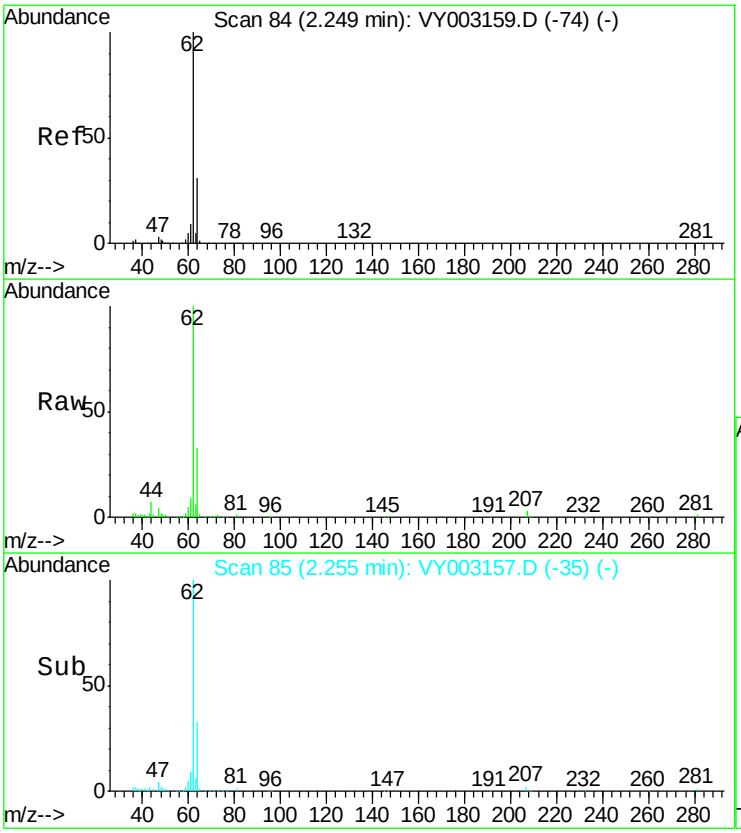

#3
Chloromethane
Concen: 10.178 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion: 50 Resp: 53671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 34.0 | 26.6 | 39.8 |

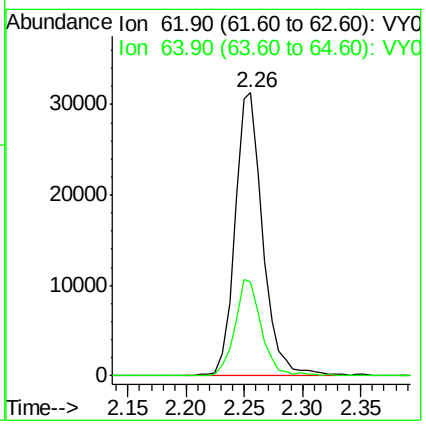


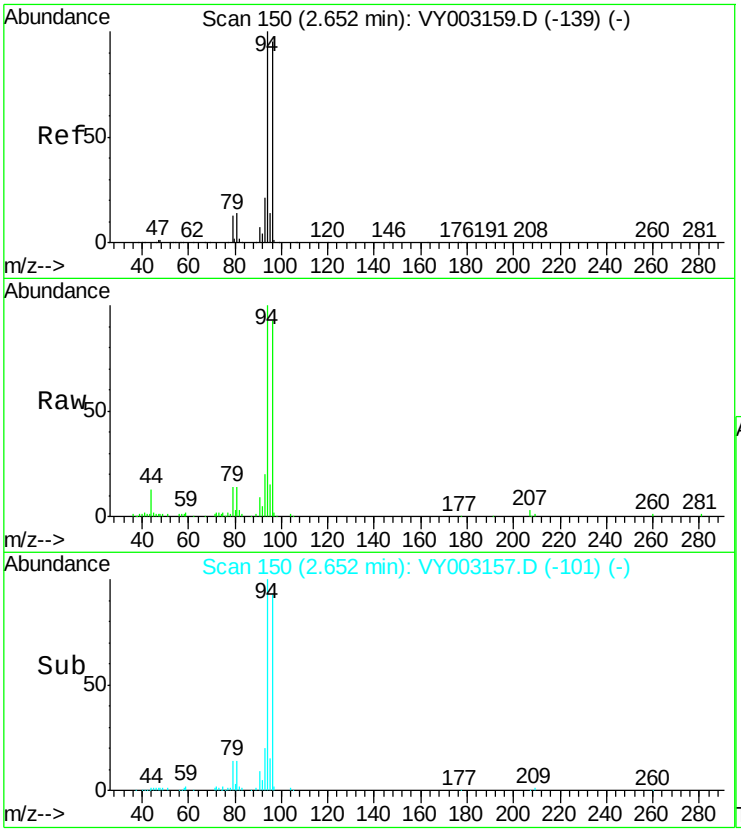




#4
Vinyl Chloride
Concen: 10.138 ug/l
RT: 2.26 min Scan# 85
Delta R.T. 0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 62 Resp: 51873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 33.4 | 24.6 | 37.0 |



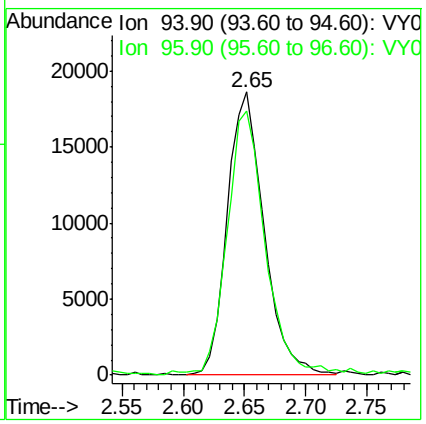


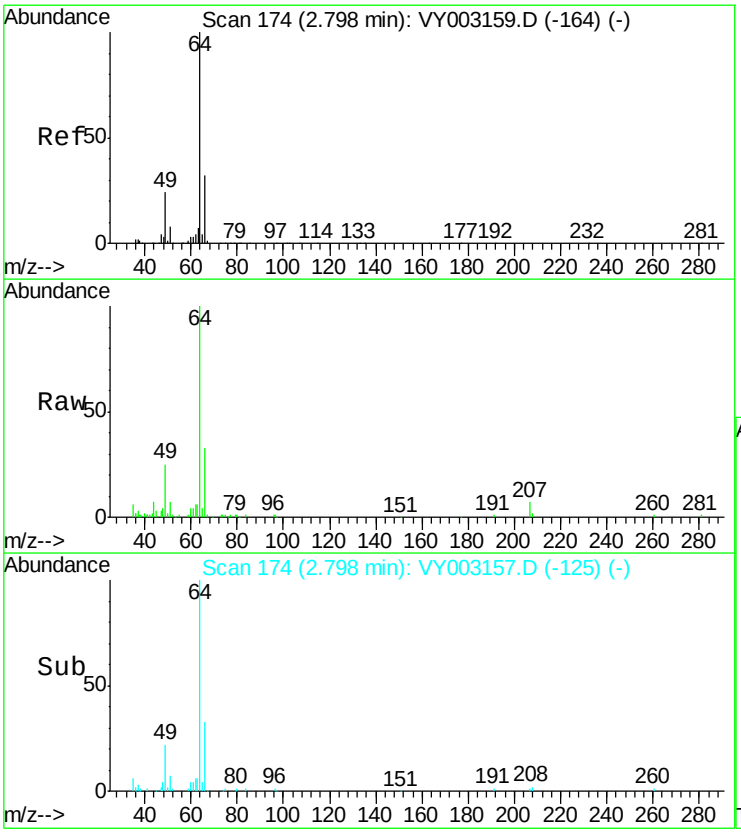

#5
Bromomethane
Concen: 11.034 ug/l
RT: 2.65 min Scan# 150
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion: 94 Resp: 38870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 92.2 | 76.0 | 114.0 |

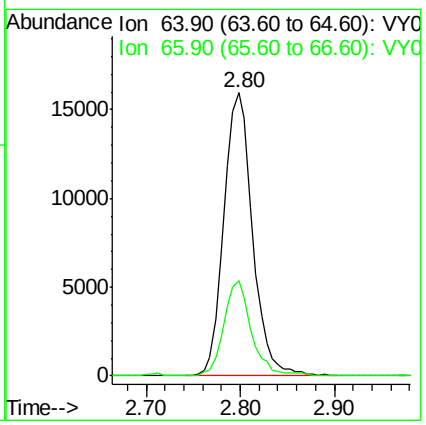


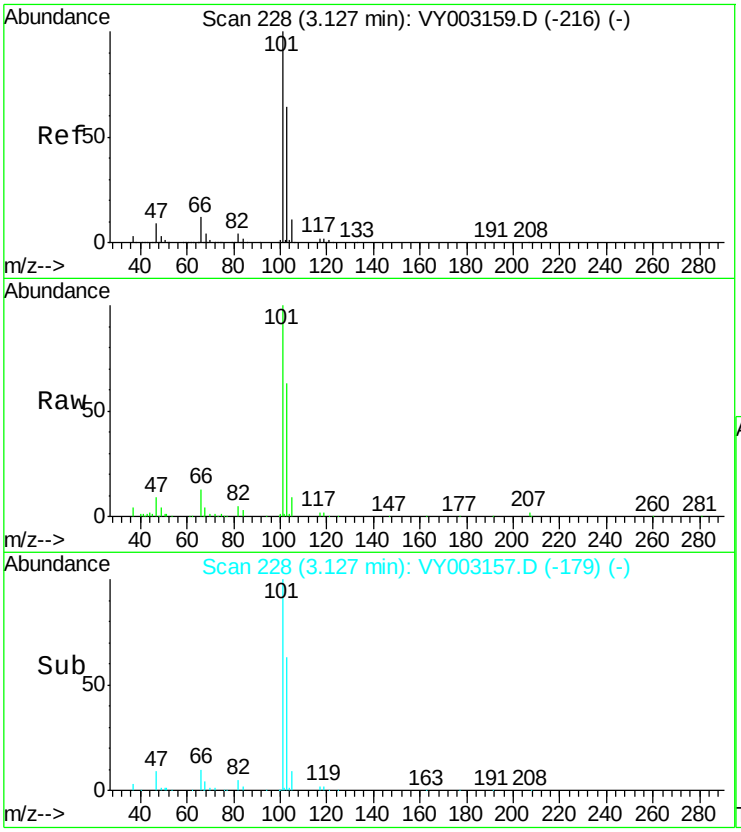




#6
Chloroethane
Concen: 10.305 ug/l
RT: 2.80 min Scan# 174
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 64 Resp: 33780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 33.5 | 26.0 | 39.0 |



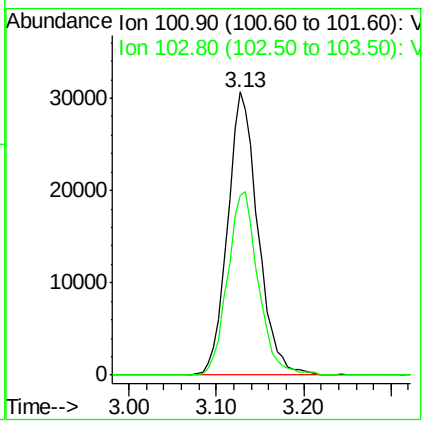


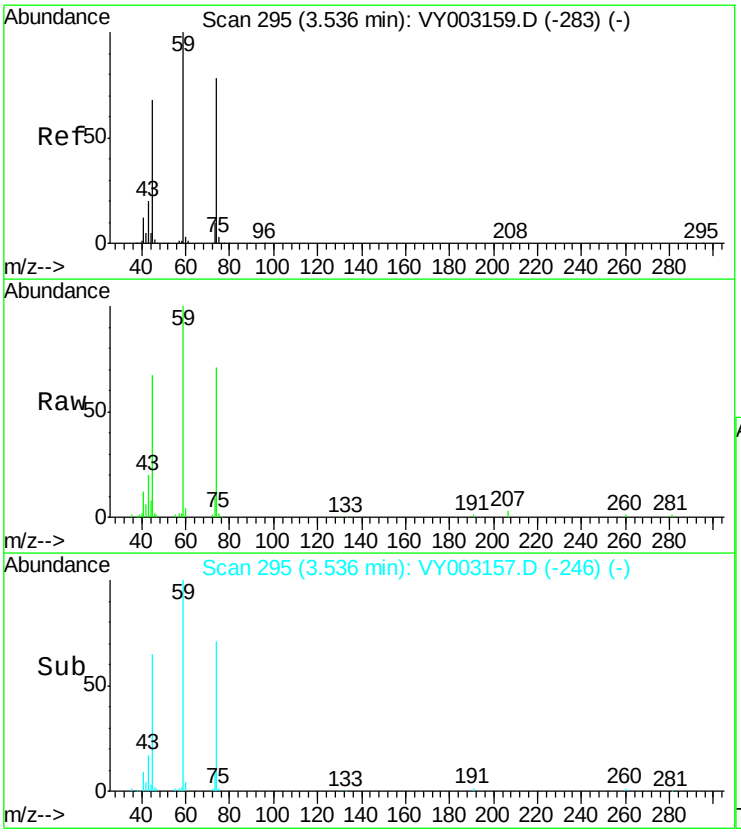

#7
Trichlorofluoromethane
Concen: 10.237 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion:101 Resp: 74048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 63.4 | 51.3 | 76.9 |

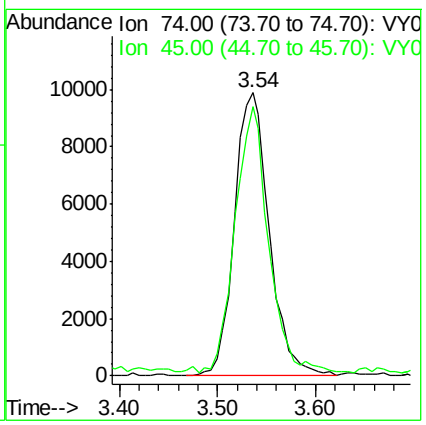


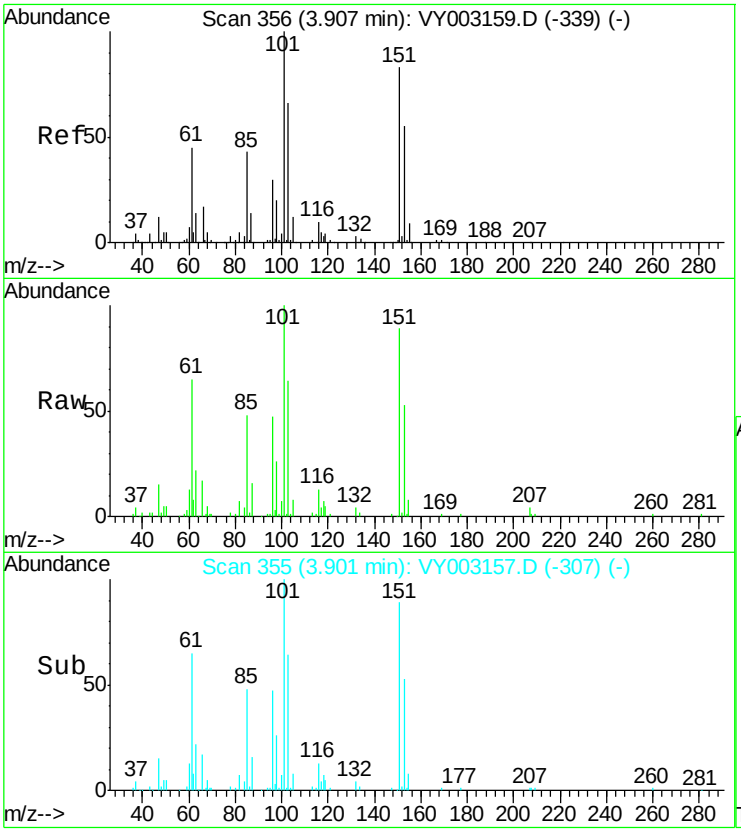




#8
Diethyl Ether
Concen: 9.847 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 74 Resp: 24385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 90.7 | 45.3 | 135.8 |



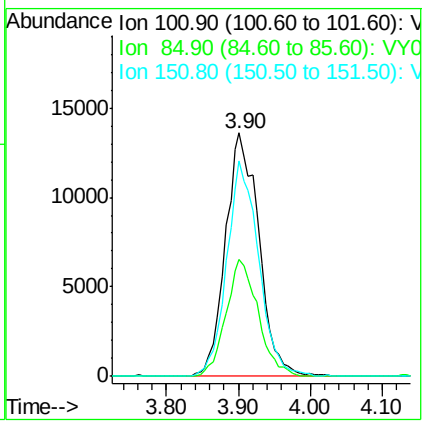


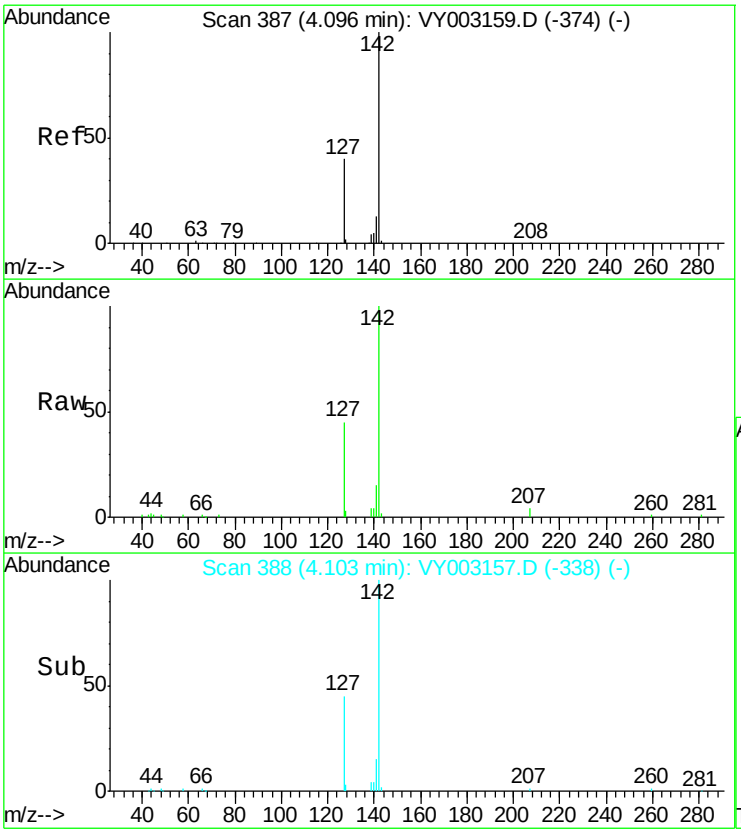

#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.086 ug/l
RT: 3.90 min Scan# 355
Delta R.T. -0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion:101 Resp: 43723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 46.1 | 34.9 | 52.3 |
| 151 | 84.7 | 67.0 | 100.6 |

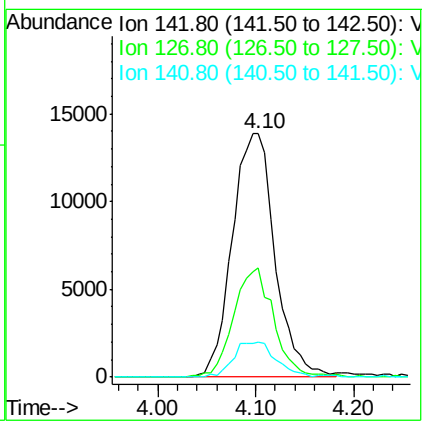


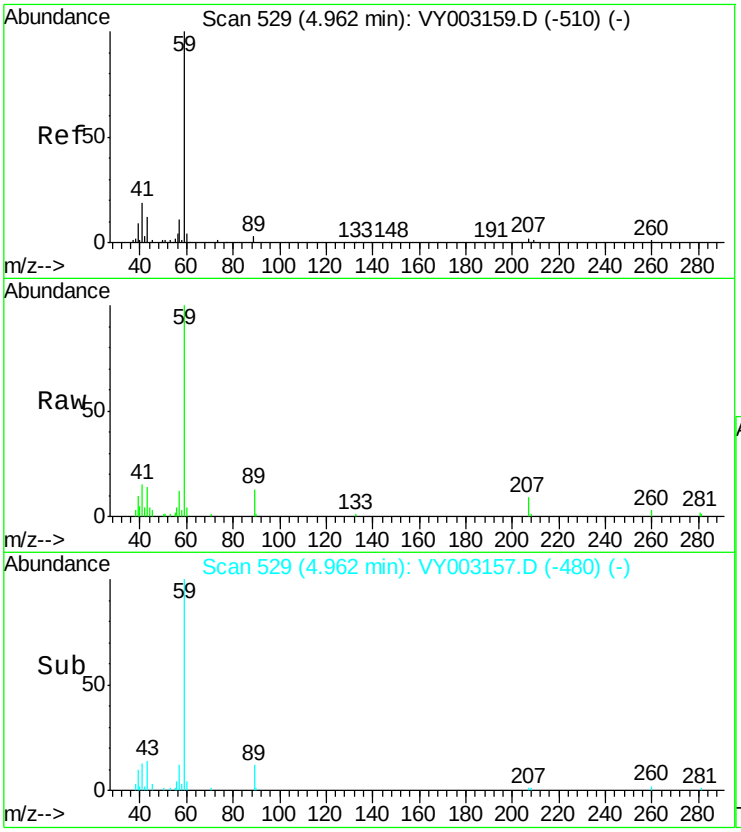




#10
Methyl Iodide
Concen: 7.918 ug/l
RT: 4.10 min Scan# 388
Delta R.T. 0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion:142 Resp: 41887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 42.2 | 33.5 | 50.3 |
| 141 | 14.2 | 11.2 | 16.8 |



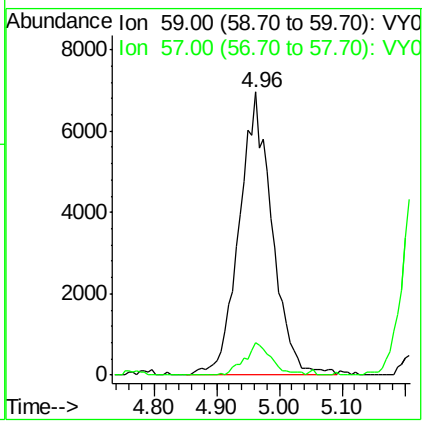


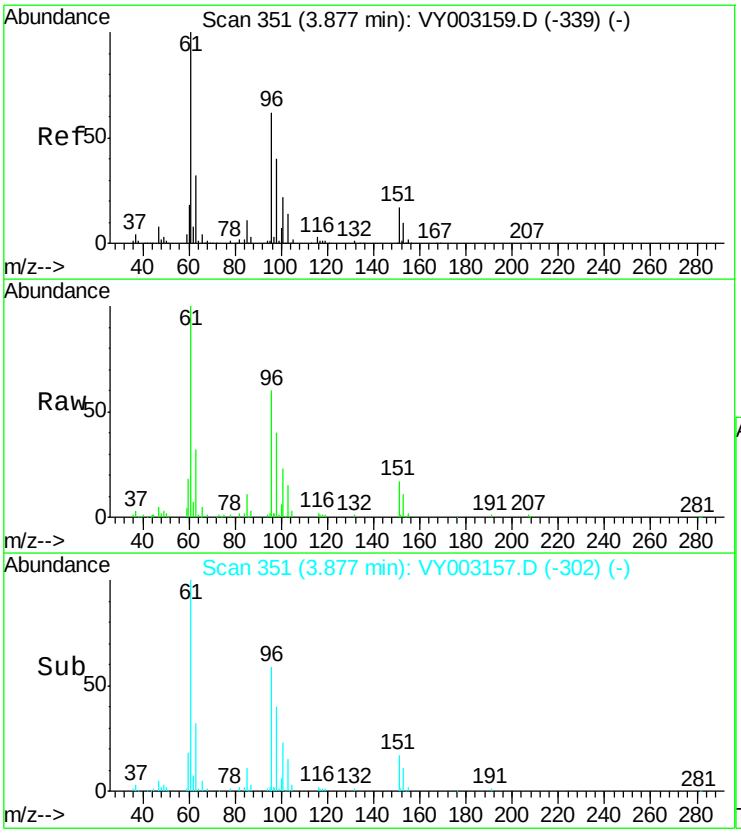

#11
Tert butyl alcohol
Concen: 53.471 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion: 59 Resp: 25309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.3 | 8.4 | 12.6 |

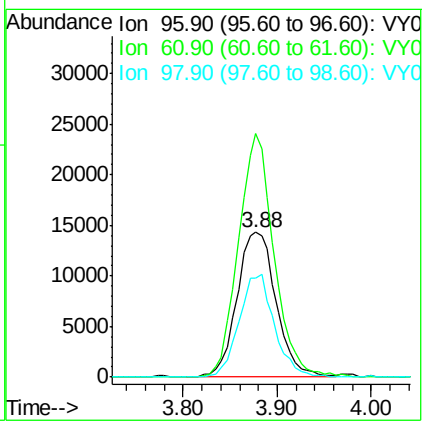


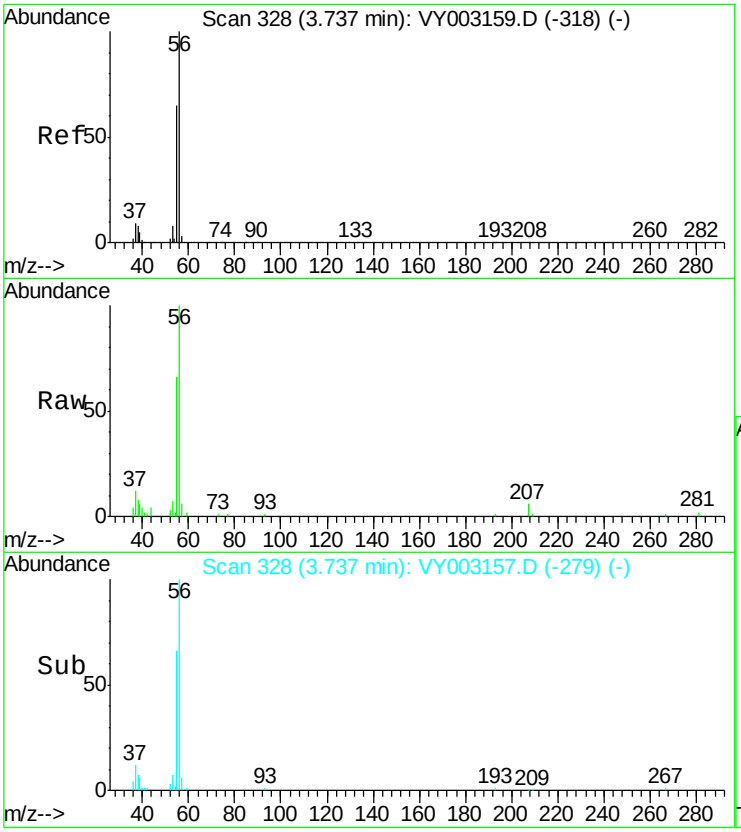




#12
1,1-Dichloroethene
Concen: 10.111 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 96 Resp: 41702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 167.9 | 128.6 | 193.0 |
| 98 | 68.0 | 51.6 | 77.4 |



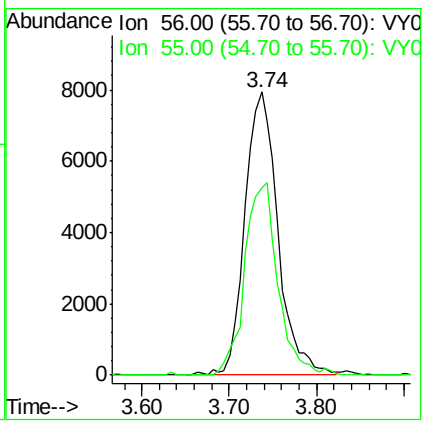


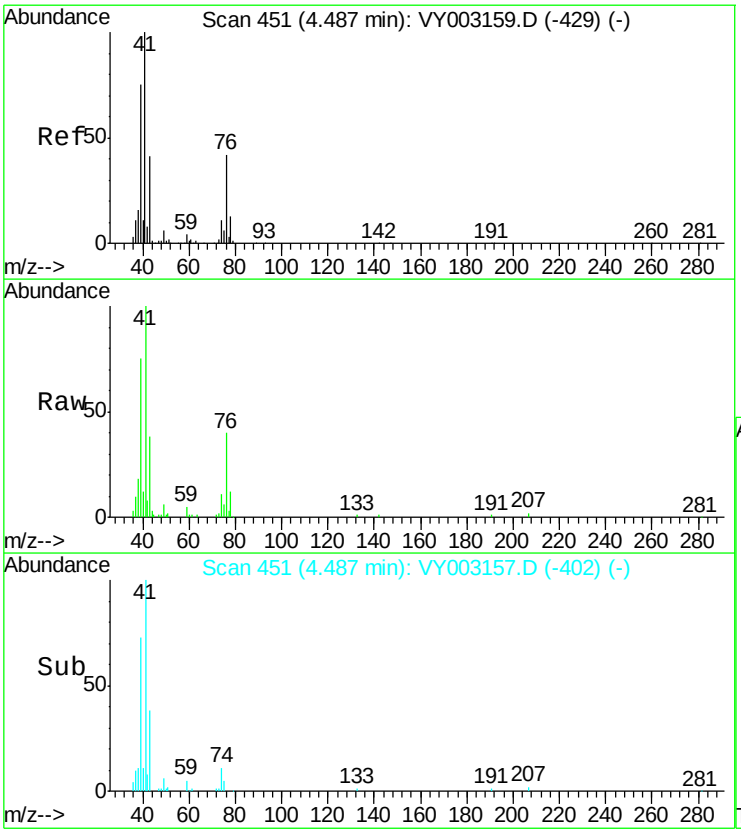

#13
Acrolein
Concen: 48.773 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC010

Tgt Ion: 56 Resp: 20826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 67.6 | 56.0 | 84.0 |

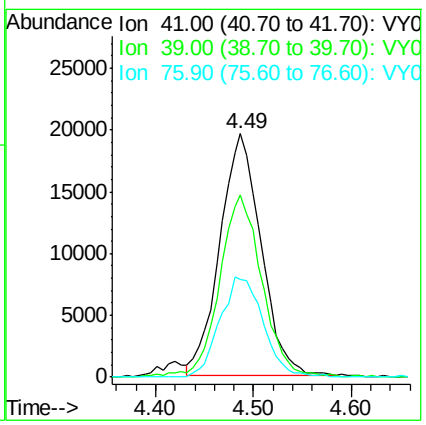


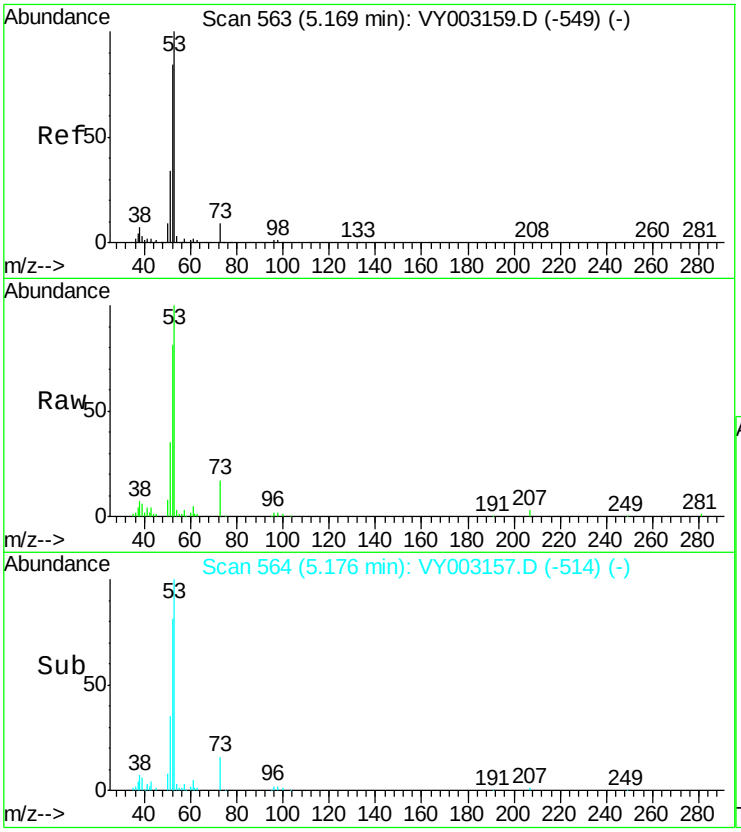




#14
Allyl chloride
Concen: 8.095 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 41 Resp: 57196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 77.3 | 56.6 | 85.0 |
| 76 | 43.6 | 31.6 | 47.4 |



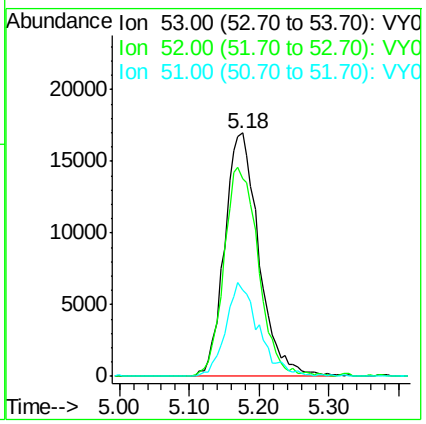


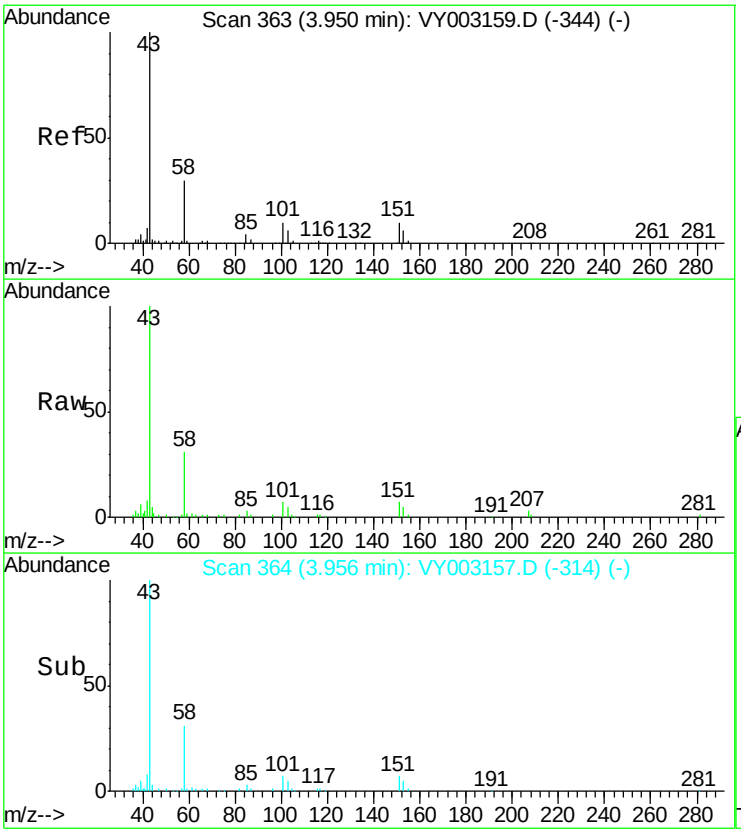

#15
Acrylonitrile
Concen: 45.933 ug/l
RT: 5.18 min Scan# 564
Delta R.T. 0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion: 53 Resp: 57935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 85.8 | 65.8 | 98.6 |
| 51 | 37.0 | 29.0 | 43.4 |

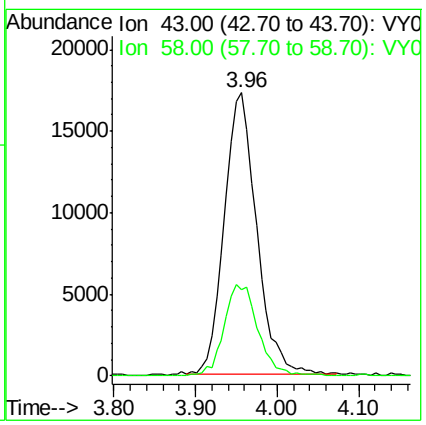


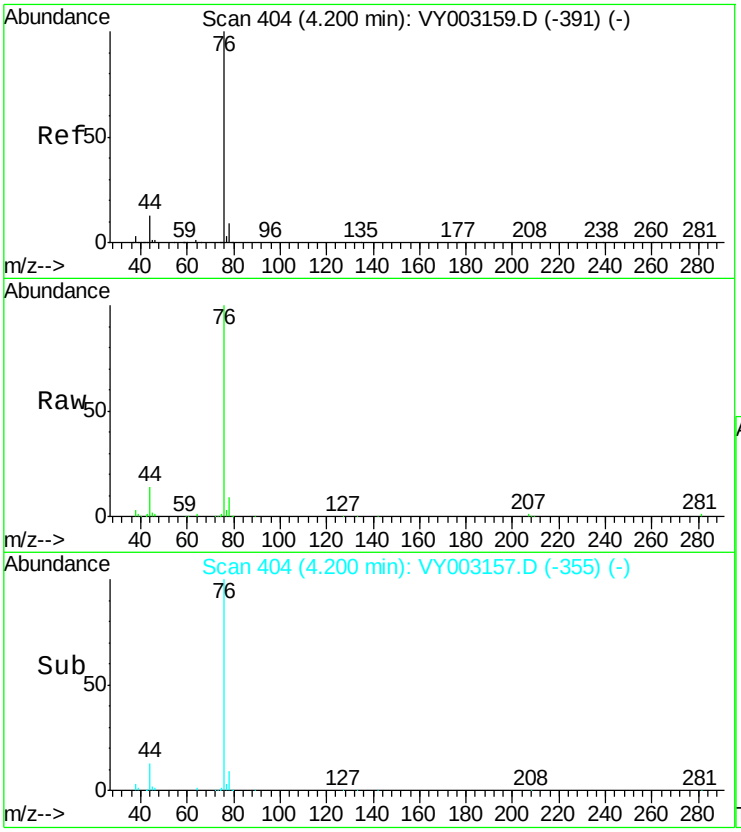




#16
Acetone
Concen: 43.432 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 43 Resp: 46913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.7 | 23.8 | 35.6 |



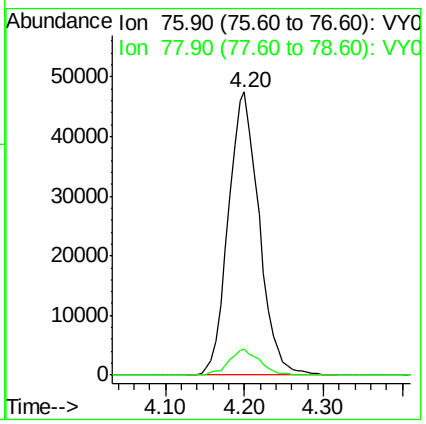


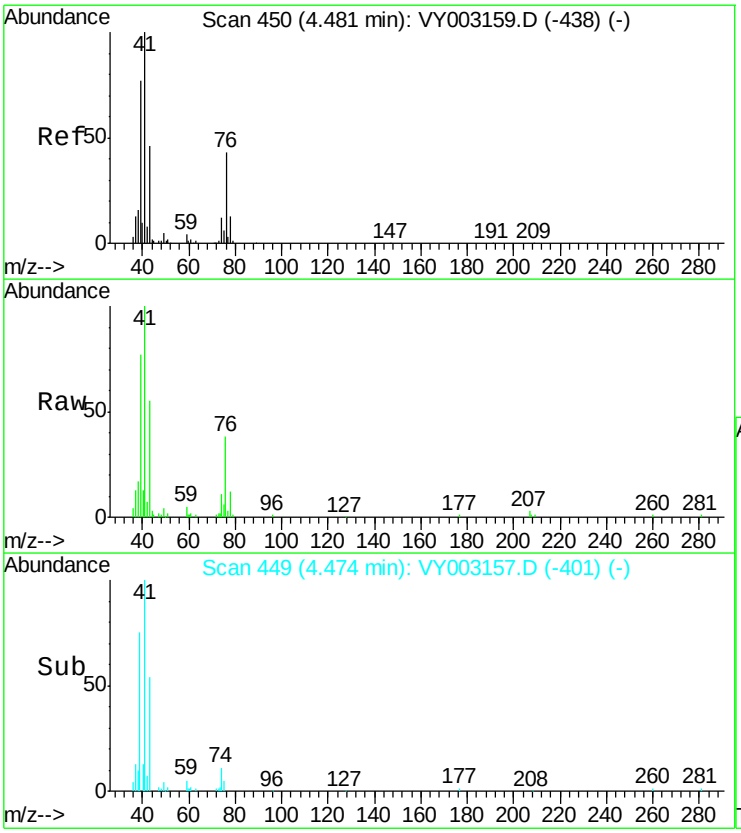

#17
Carbon Disulfide
Concen: 9.846 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC010

Tgt Ion: 76 Resp: 129001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.4 | 7.3 | 10.9 |

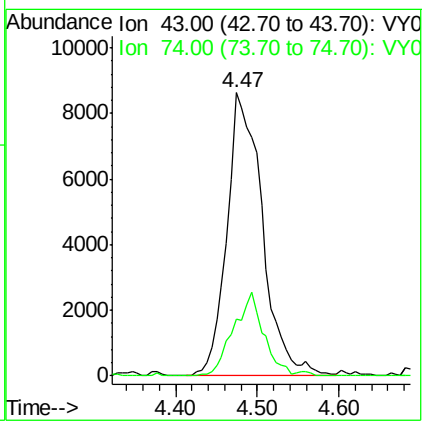


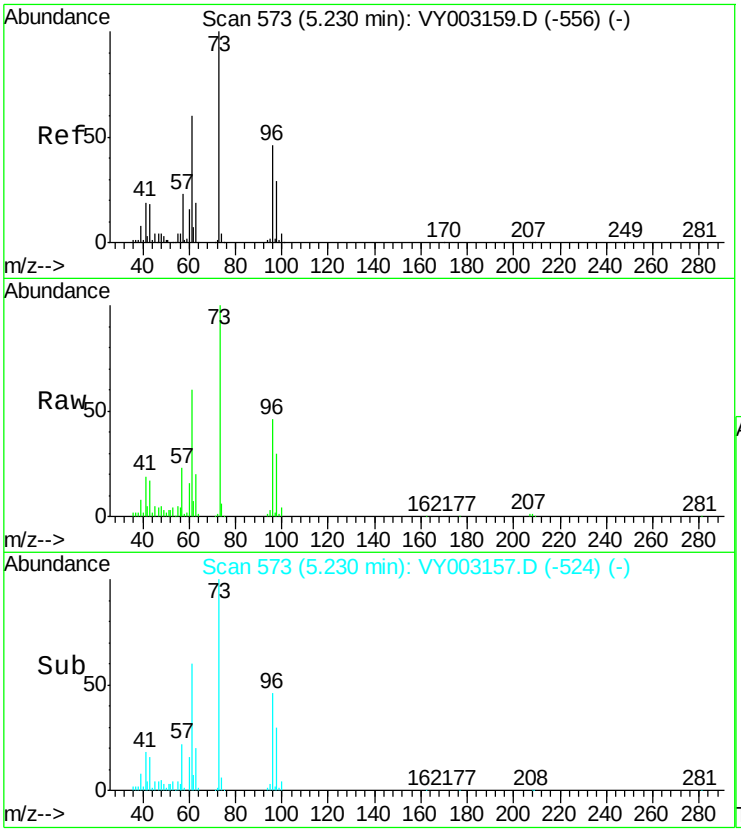




#18
Methyl Acetate
Concen: 8.843 ug/l
RT: 4.47 min Scan# 449
Delta R.T. -0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 43 Resp: 25953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 25.3 | 20.8 | 31.2 |



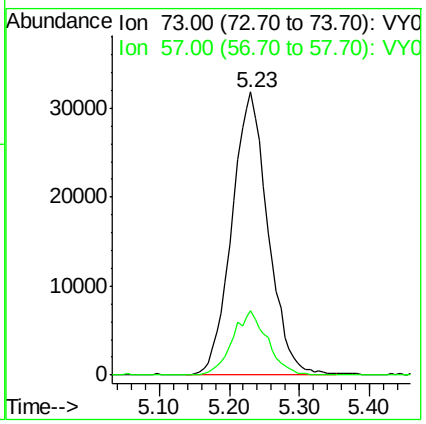


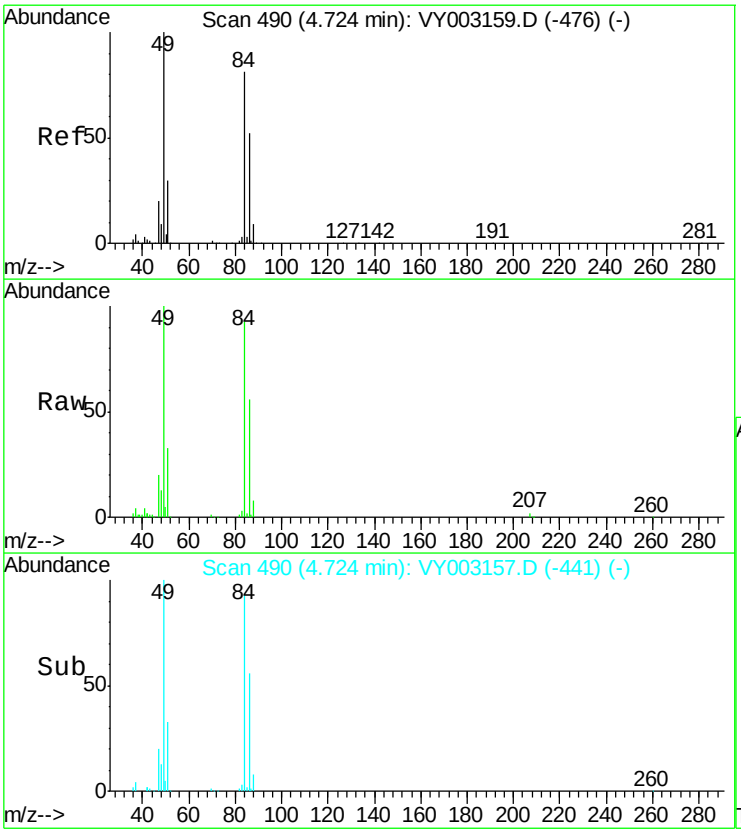

#19
Methyl tert-butyl Ether
Concen: 9.566 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC010

Tgt Ion: 73 Resp: 114175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.8 | 18.1 | 27.1 |

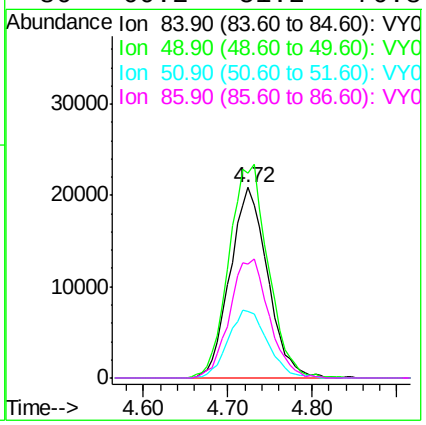


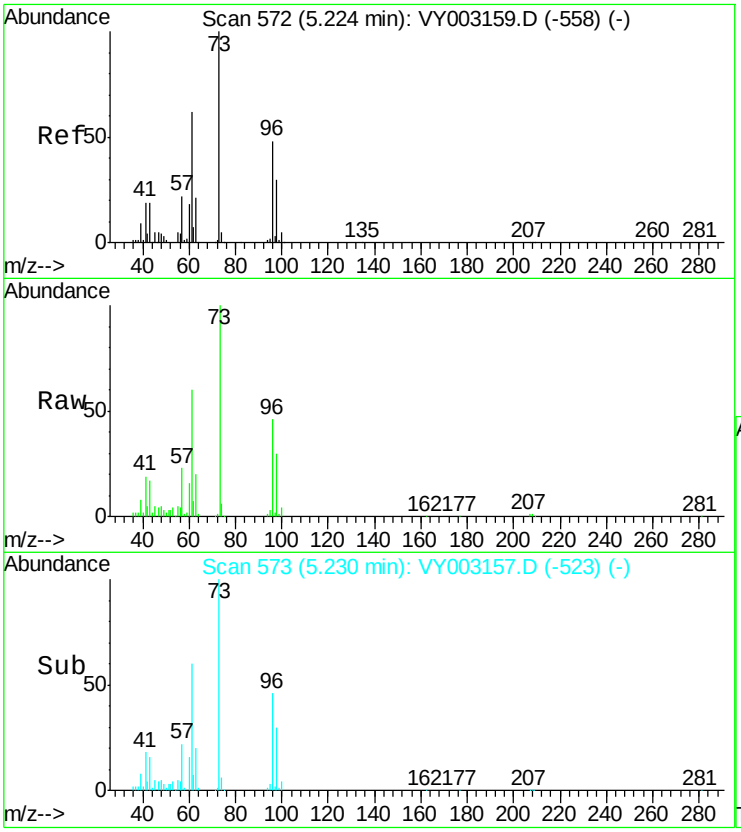




#20
Methylene Chloride
Concen: 10.125 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 84 Resp: 63144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 107.6 | 98.2 | 147.4 |
| 51 | 35.3 | 29.8 | 44.6 |
| 86 | 60.2 | 51.2 | 76.8 |



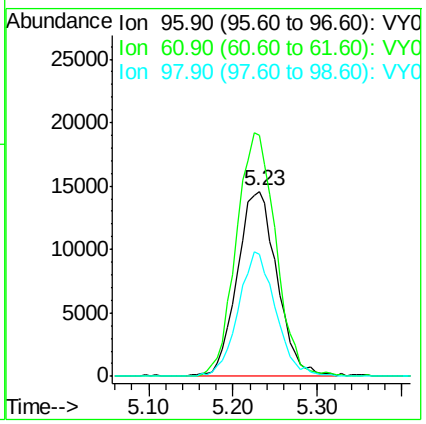


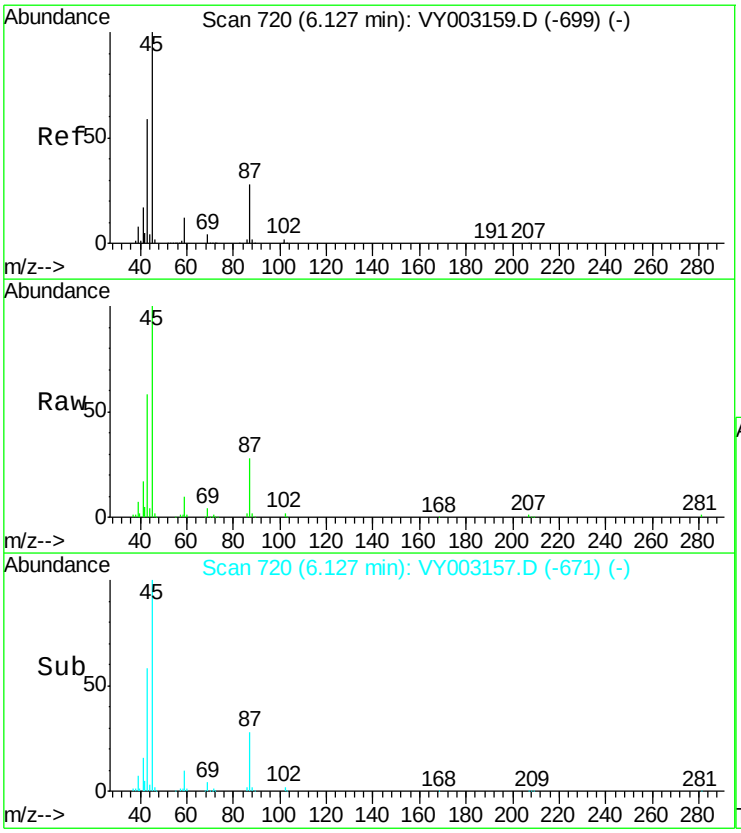

#21
trans-1,2-Dichloroethene
Concen: 10.006 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC010

Tgt Ion: 96 Resp: 46883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 130.3 | 102.5 | 153.7 |
| 98 | 66.0 | 49.8 | 74.8 |

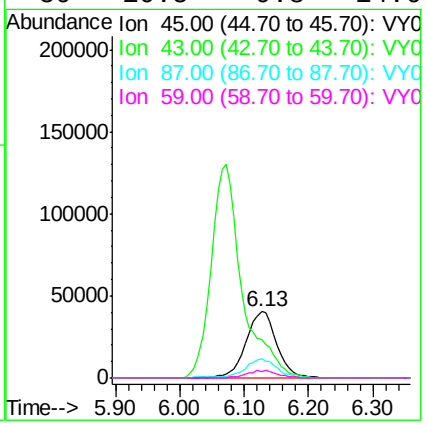


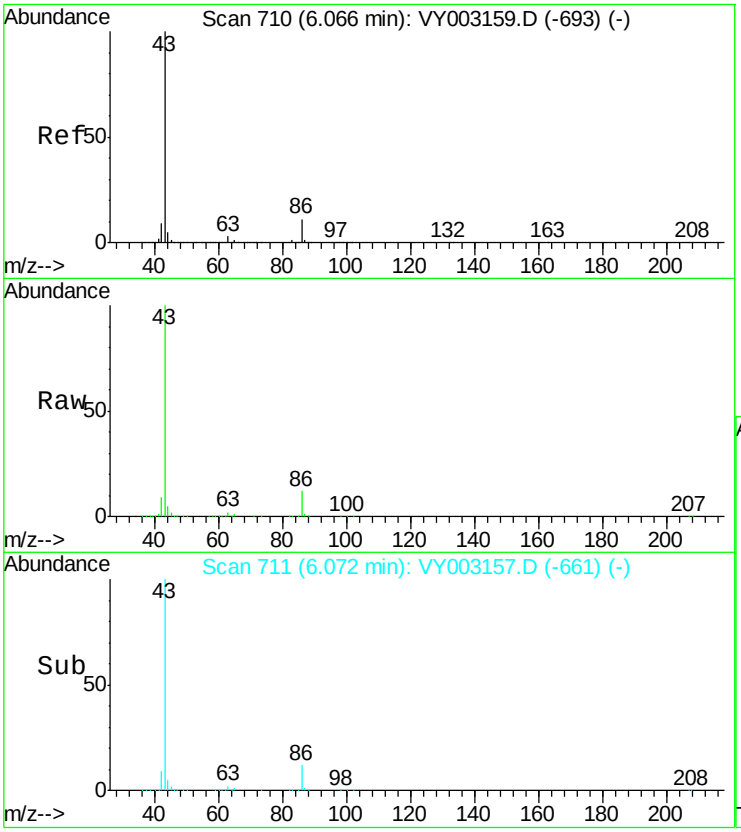




#22
Diisopropyl ether
Concen: 8.756 ug/l
RT: 6.13 min Scan# 720
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 45 Resp: 133375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 57.3 | 47.0 | 70.4 |
| 87 | 28.2 | 22.6 | 33.8 |
| 59 | 10.5 | 9.8 | 14.6 |



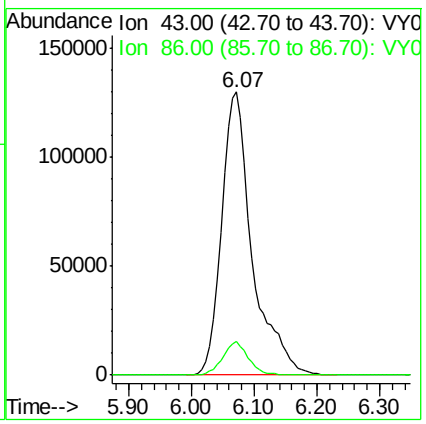


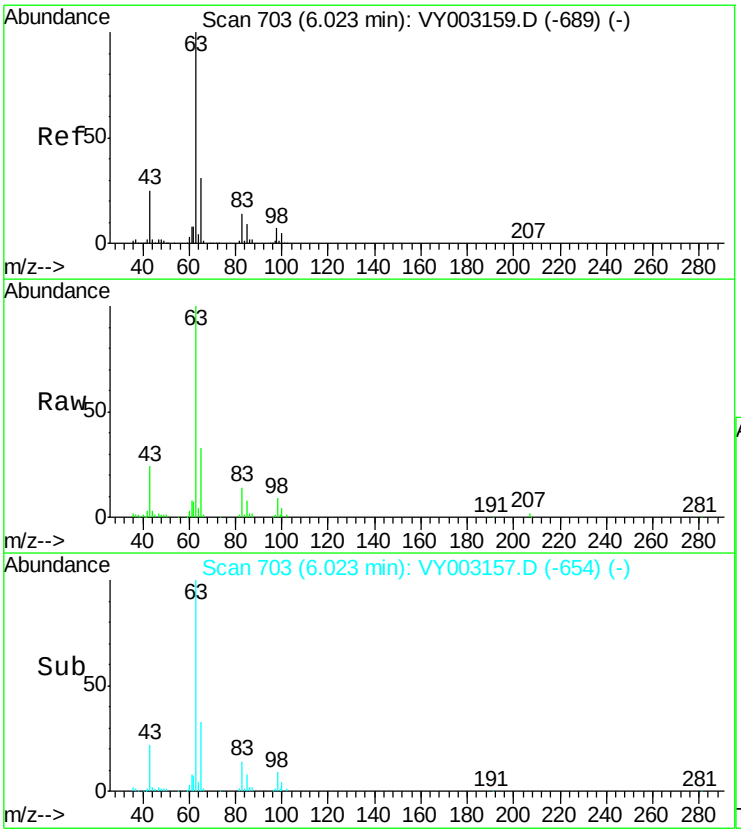

#23
Vinyl Acetate
Concen: 43.332 ug/l
RT: 6.07 min Scan# 711
Delta R.T. 0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC010

Tgt Ion: 43 Resp: 439251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 12.0 | 8.8 | 13.2 |

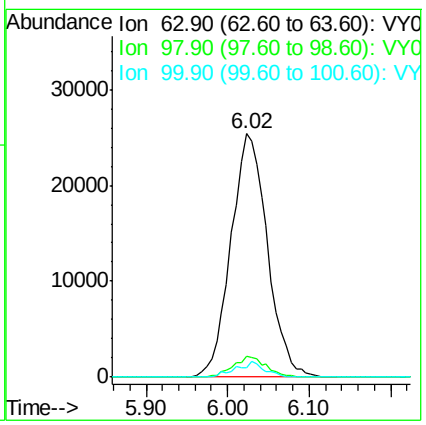


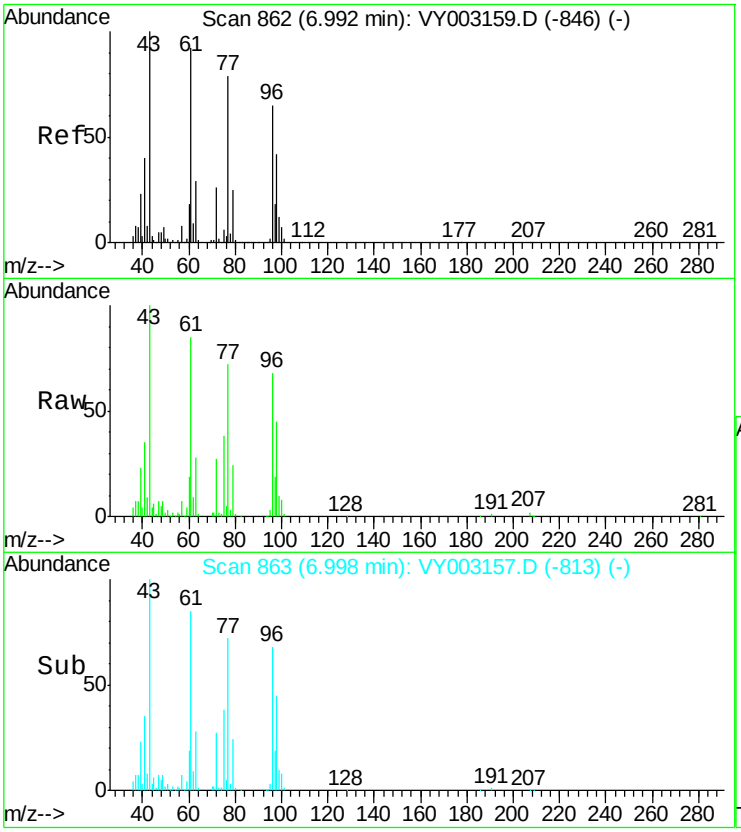




#24
1,1-Dichloroethane
Concen: 9.388 ug/l
RT: 6.02 min Scan# 703
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 63 Resp: 78672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 8.7 | 3.6 | 10.8 |
| 100 | 3.7 | 2.4 | 7.2 |



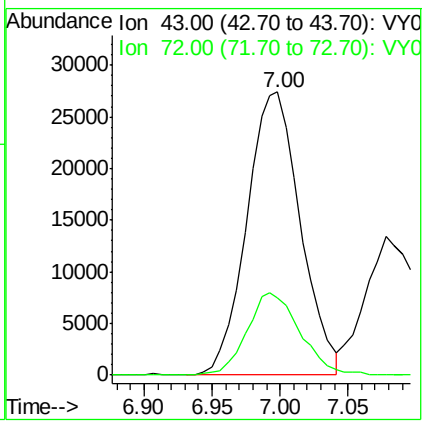


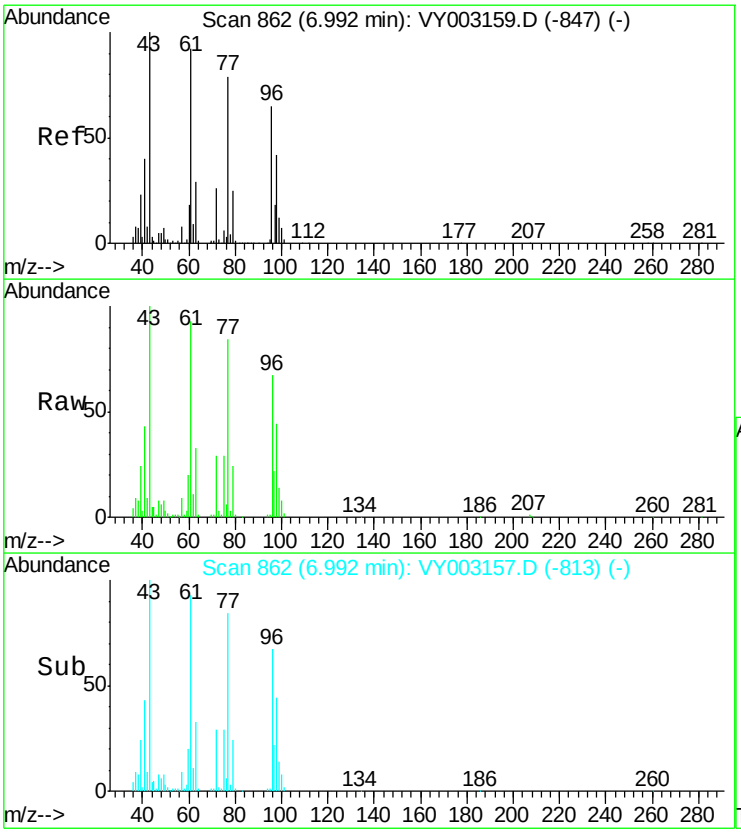

#25
2-Butanone
Concen: 43.747 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion: 43 Resp: 75519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.2 | 20.9 | 31.3 |

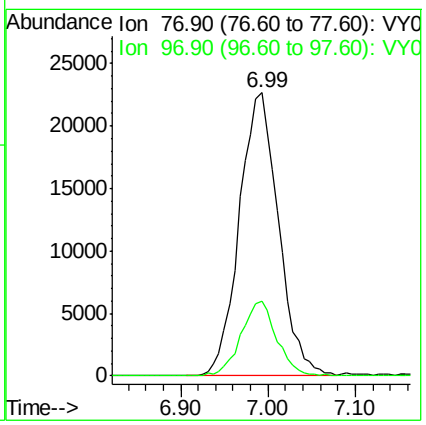


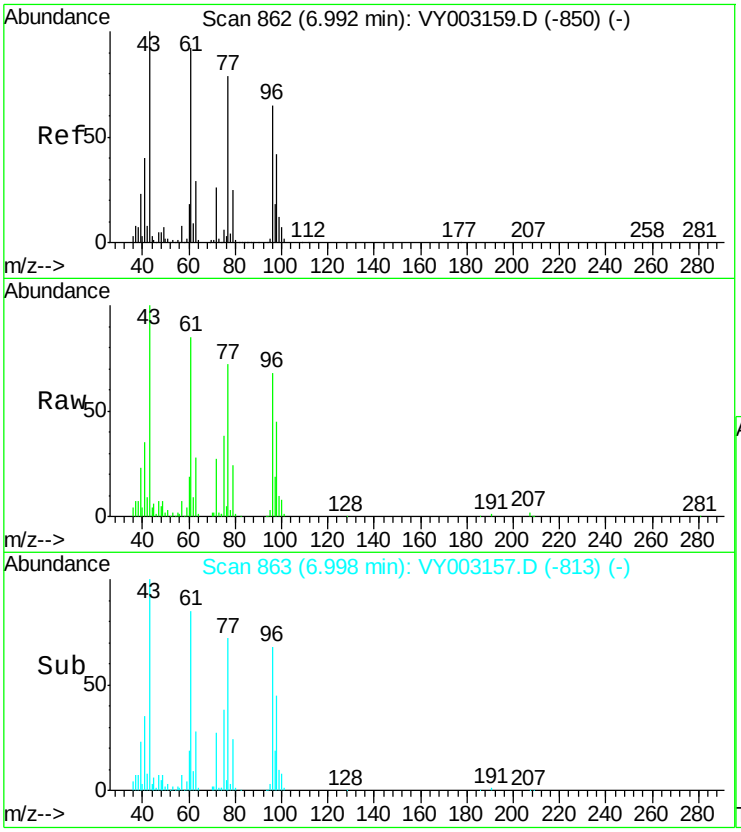




#26
2,2-Dichloropropane
Concen: 9.281 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 77 Resp: 70638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 24.0 | 11.6 | 34.7 |



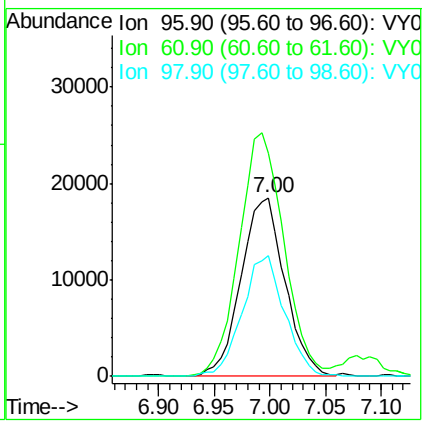


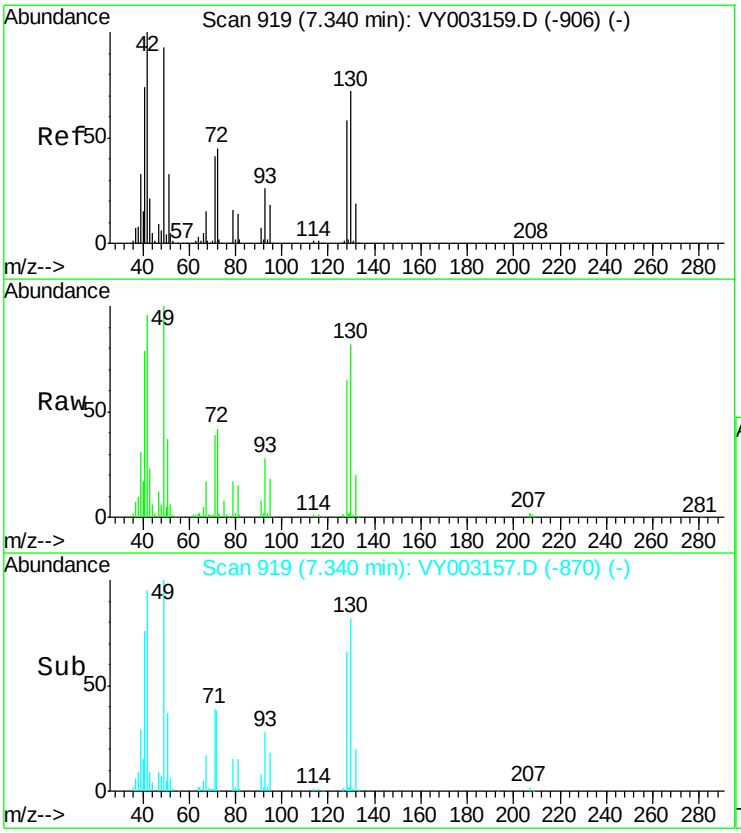

#27
cis-1,2-Dichloroethene
Concen: 9.700 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion: 96 Resp: 50870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 139.6 | 0.0 | 281.2 |
| 98 | 65.3 | 0.0 | 129.8 |

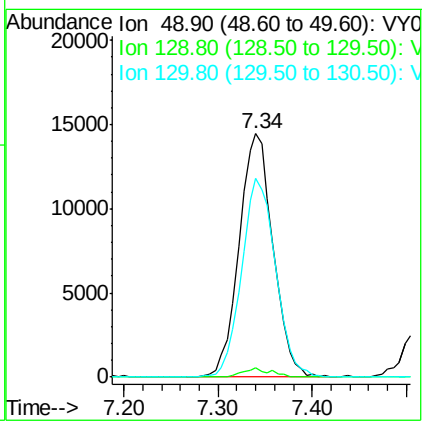


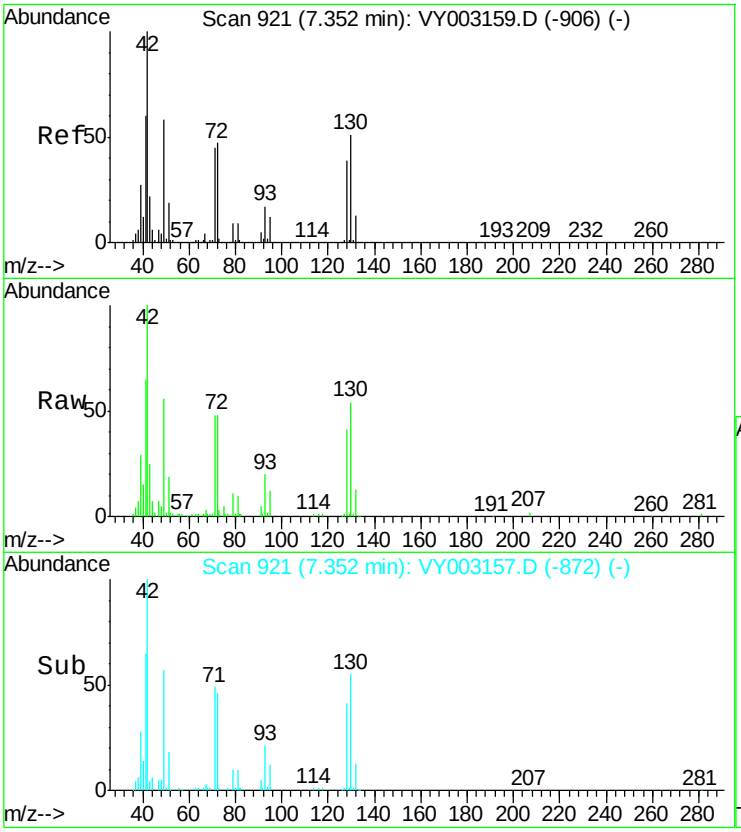




#28
Bromochloromethane
Concen: 9.904 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 49 Resp: 36428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.9 | 0.0 | 5.0 |
| 130 | 81.7 | 64.9 | 97.3 |



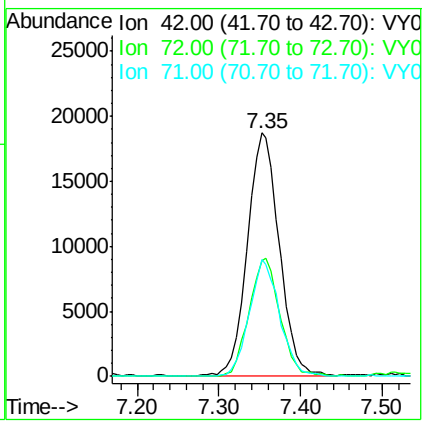


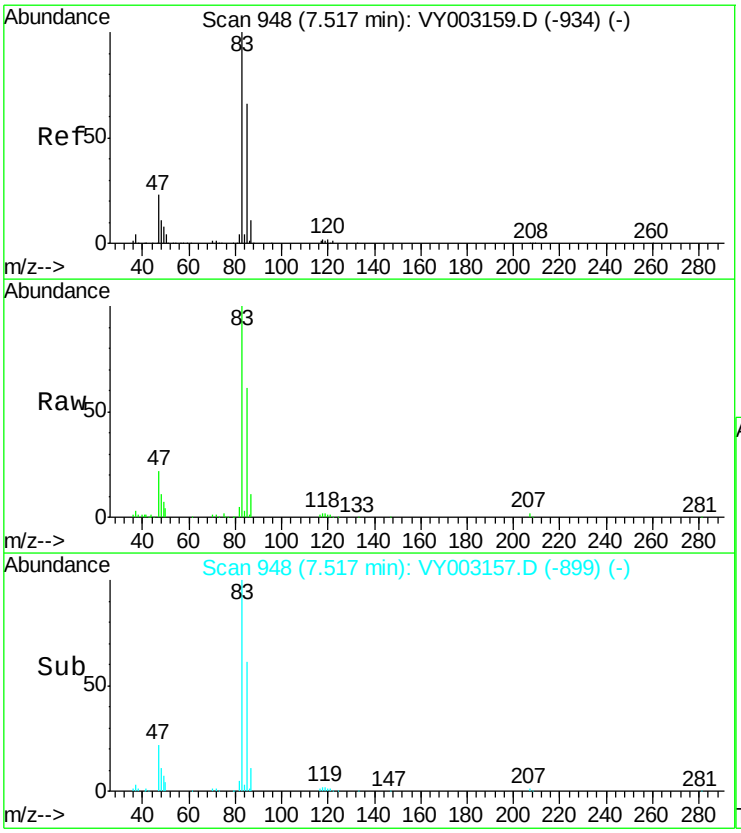

#29
Tetrahydrofuran
Concen: 44.438 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion: 42 Resp: 51104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 46.8 | 36.7 | 55.1 |
| 71 | 45.4 | 34.2 | 51.4 |

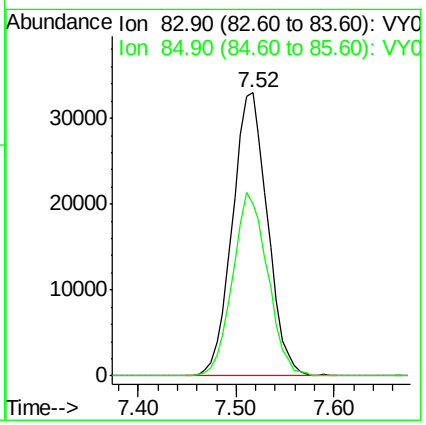


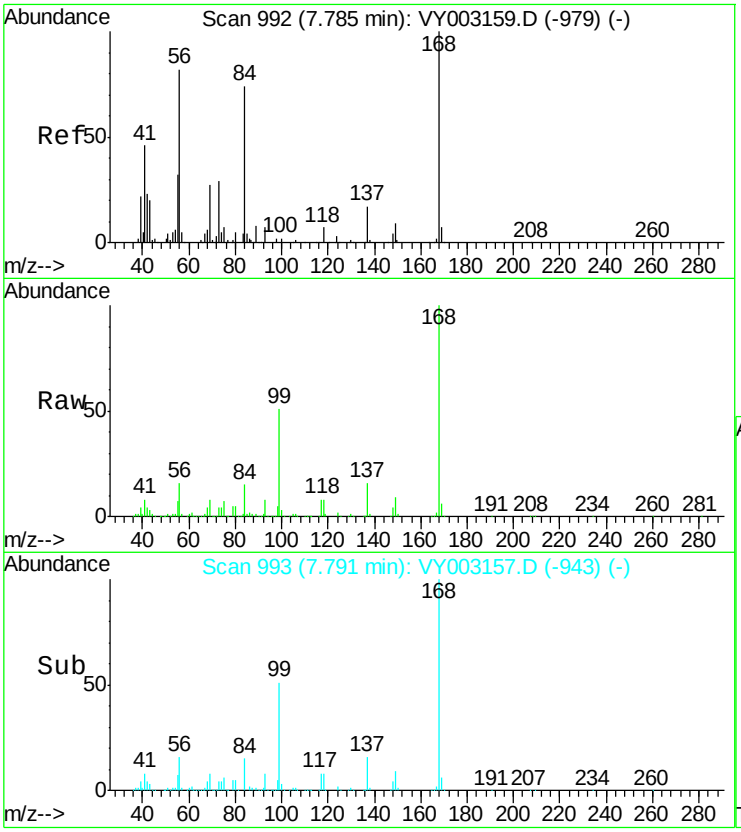




#30
Chloroform
Concen: 9.845 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 83 Resp: 82107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 60.6 | 52.6 | 78.8 |



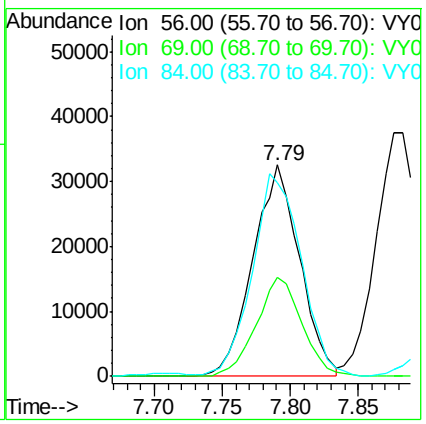


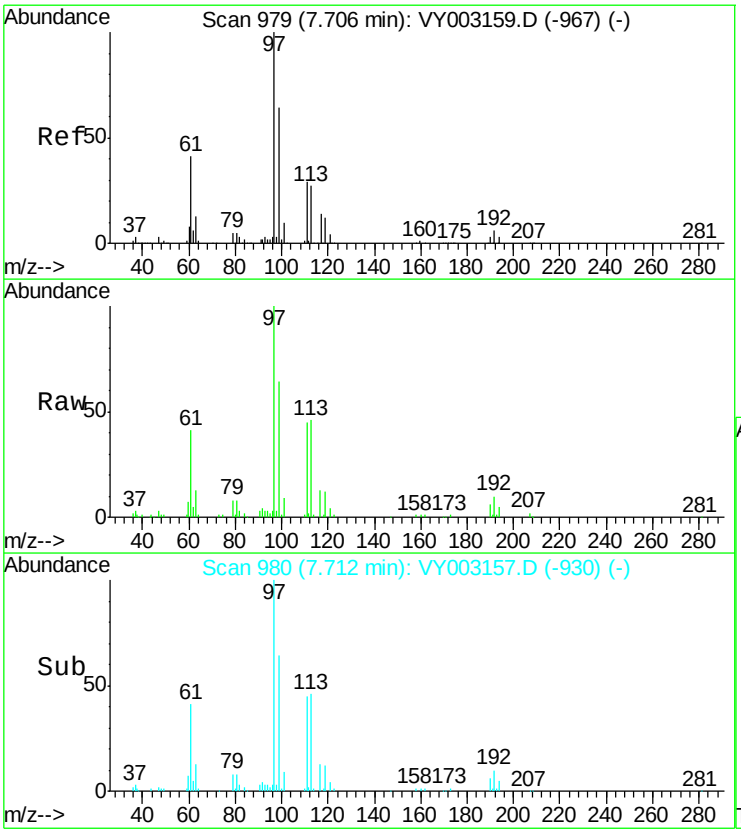

#31
Cyclohexane
Concen: 9.488 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC010

Tgt Ion: 56 Resp: 78251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 46.9 | 26.7 | 40.1# |
| 84 | 90.8 | 72.3 | 108.5 |

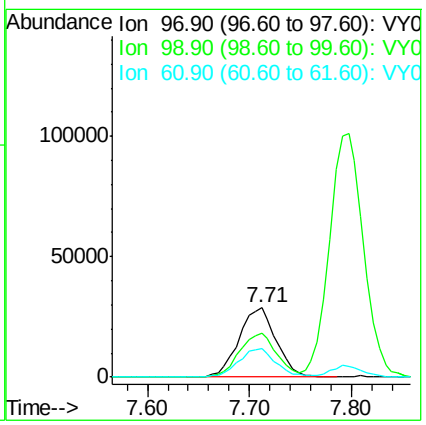


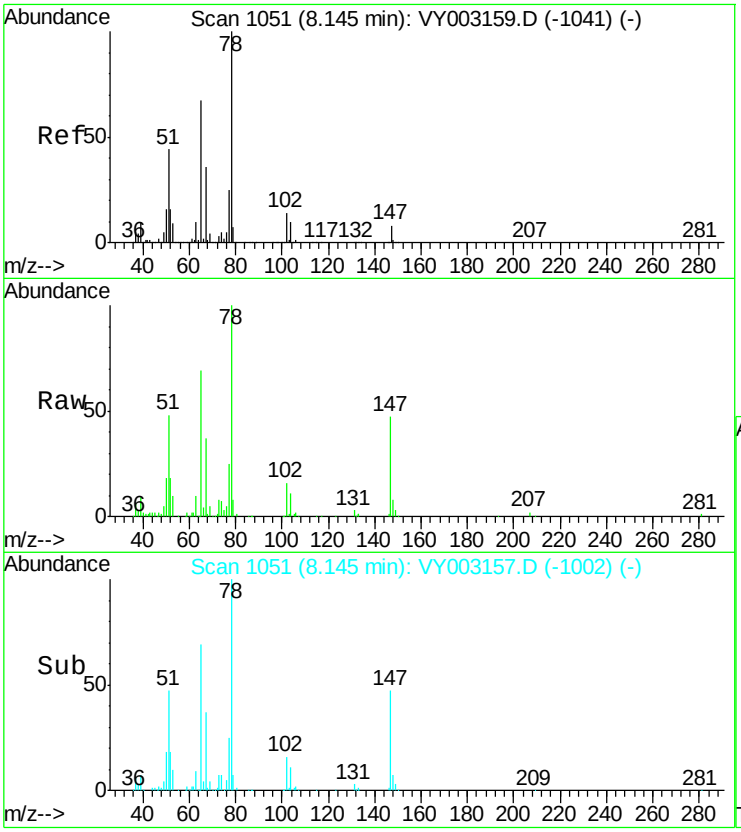




#32
1,1,1-Trichloroethane
Concen: 9.609 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 97 Resp: 72998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.8 | 52.1 | 78.1 |
| 61 | 41.1 | 33.9 | 50.9 |



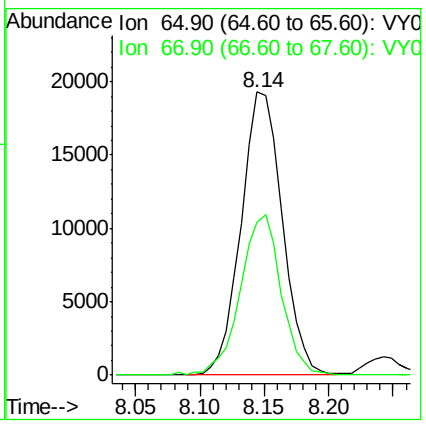


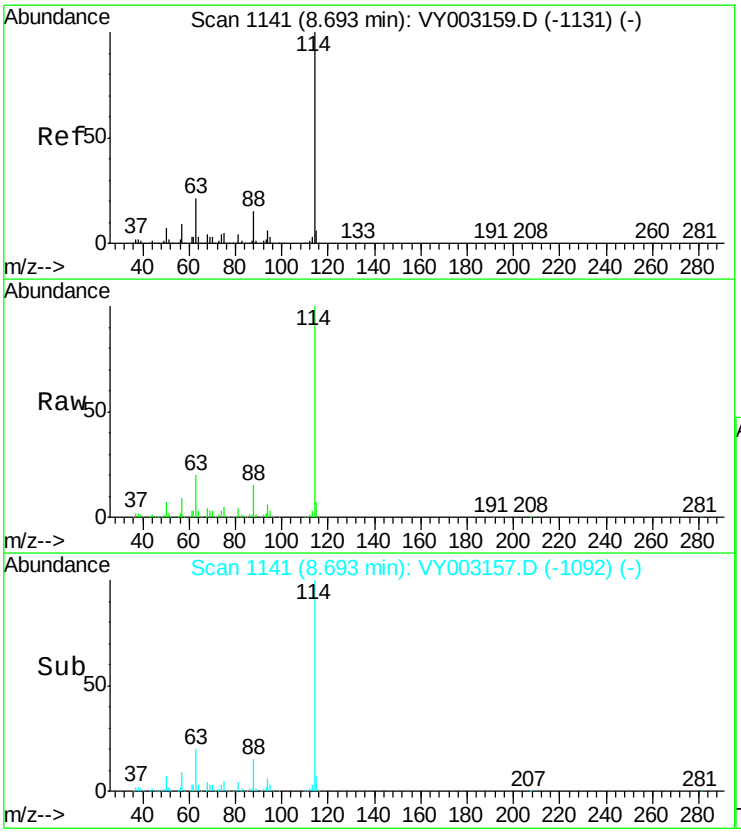

#33
1,2-Dichloroethane-d4
Concen: 9.267 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC010

Tgt Ion: 65 Resp: 42797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 56.1 | 0.0 | 105.2 |

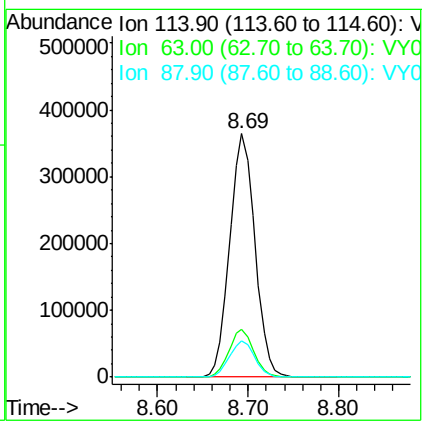


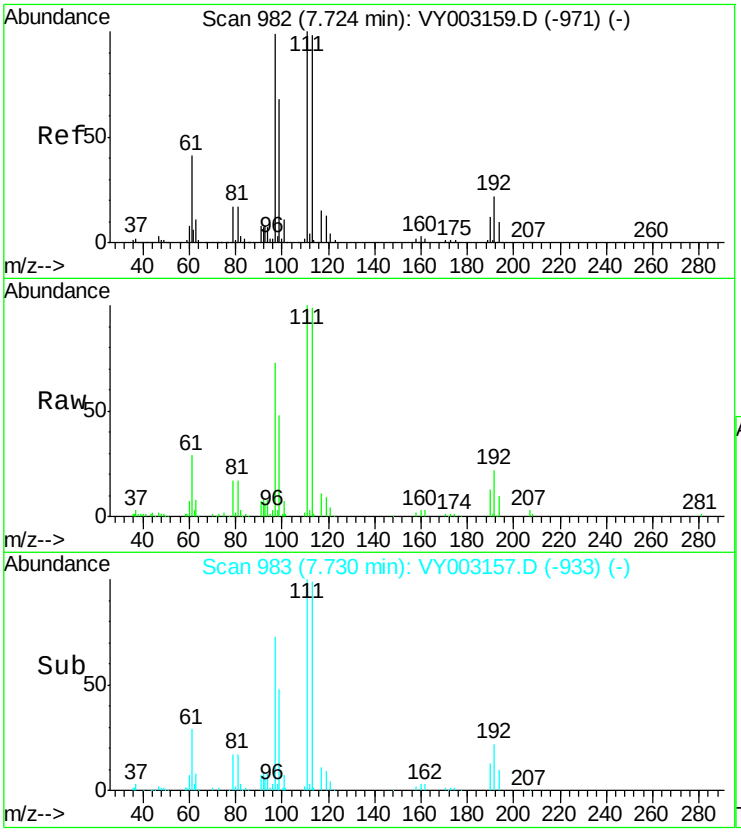




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion:114 Resp: 702256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.7 | 0.0 | 41.2 |
| 88 | 14.7 | 0.0 | 30.2 |



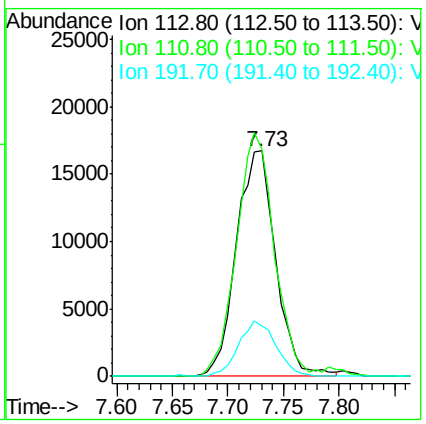


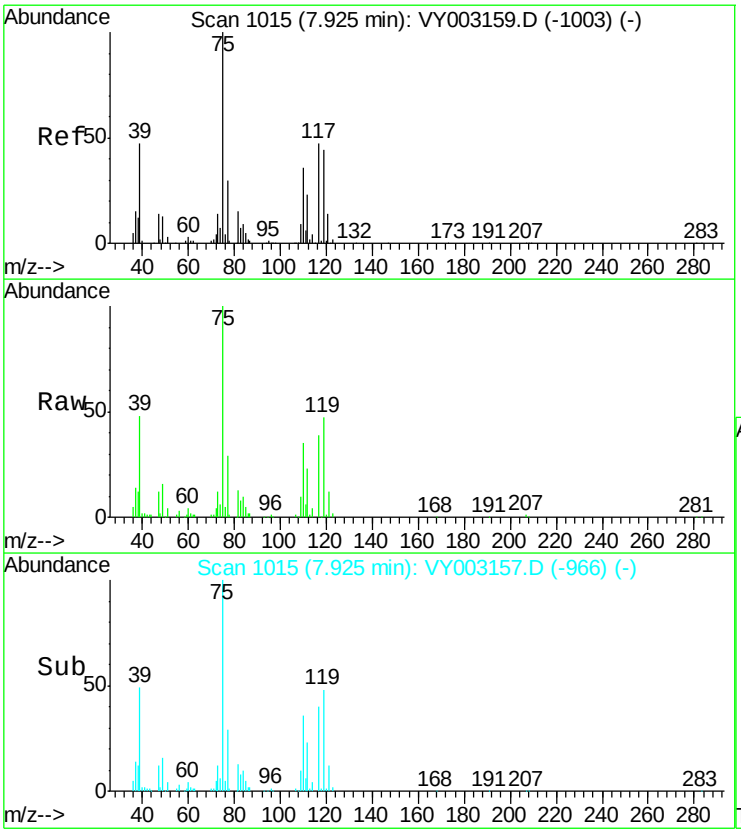

#35
Dibromofluoromethane
Concen: 9.623 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion:113 Resp: 41085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.2 | 82.1 | 123.1 |
| 192 | 23.5 | 18.8 | 28.2 |

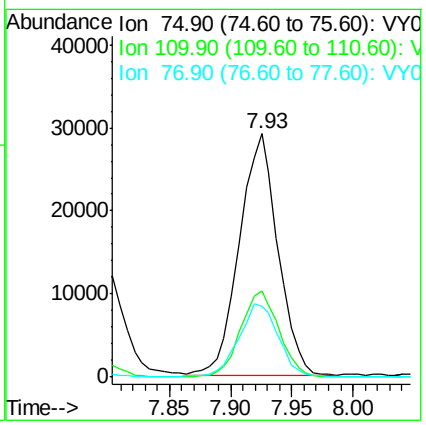


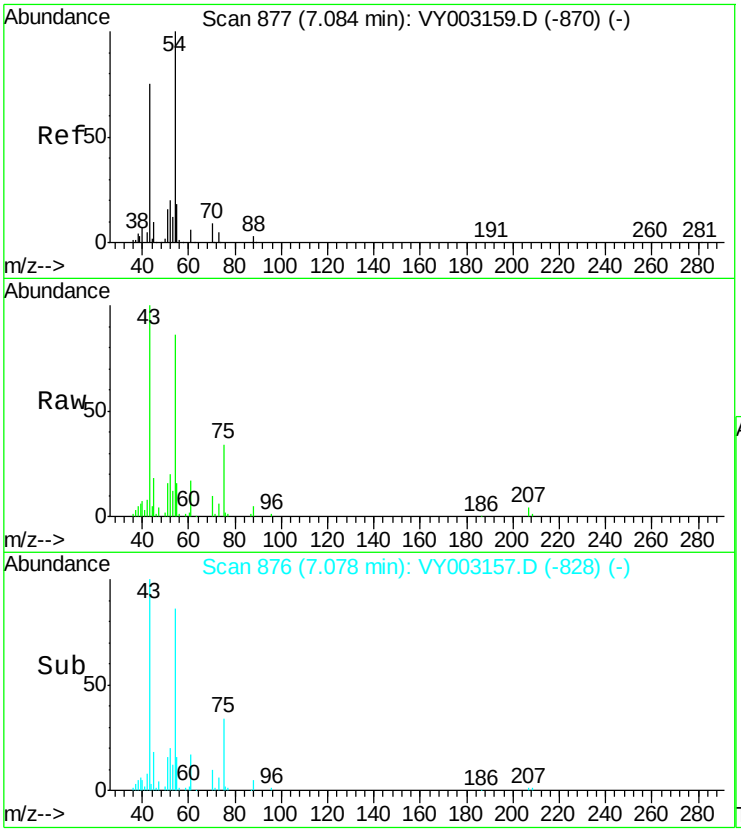




#36
1,1-Dichloropropene
Concen: 9.606 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 75 Resp: 63902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.3 | 18.1 | 54.1 |
| 77 | 31.4 | 24.8 | 37.2 |



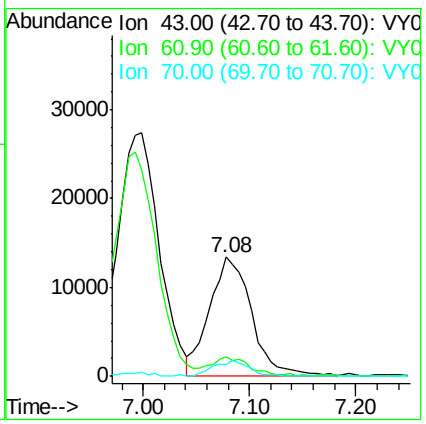


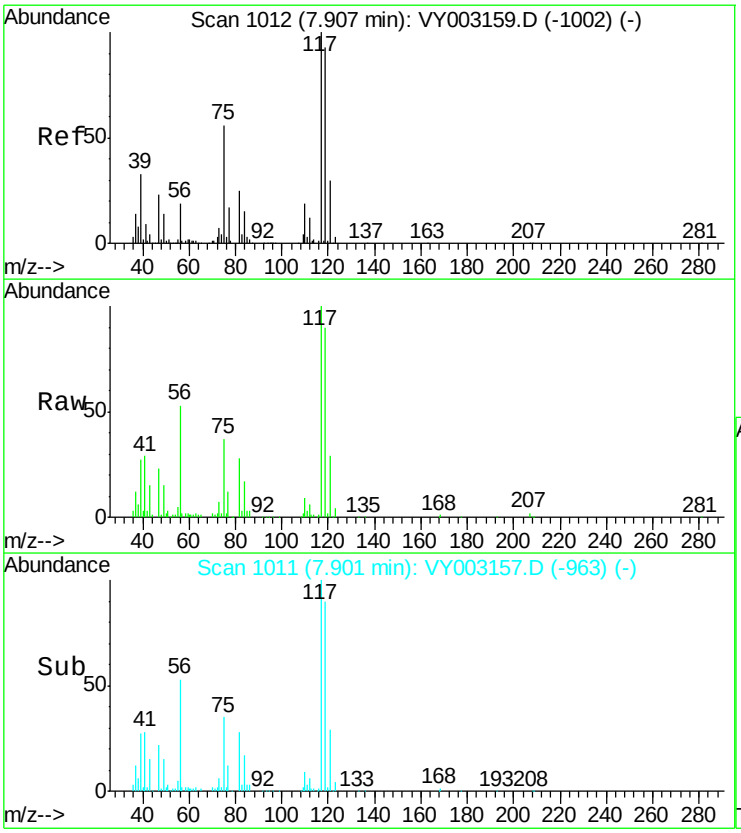

#37
Ethyl Acetate
Concen: 9.319 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion: 43 Resp: 36520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.0 | 11.8 | 17.6 |
| 70 | 11.5 | 8.6 | 13.0 |

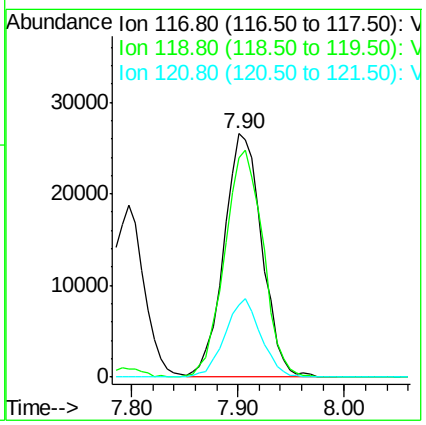


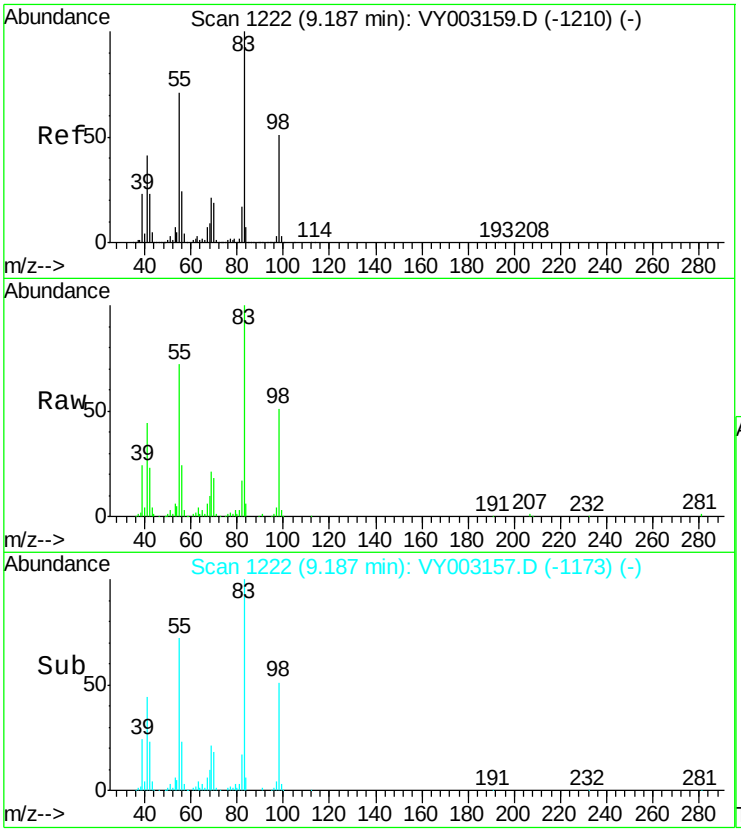




#38
Carbon Tetrachloride
Concen: 9.582 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion:117 Resp: 66346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 90.0 | 74.5 | 111.7 |
| 121 | 29.4 | 24.2 | 36.2 |



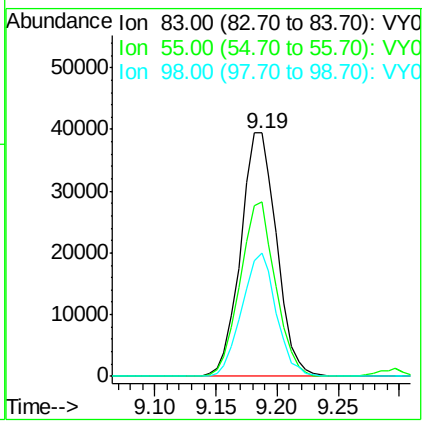


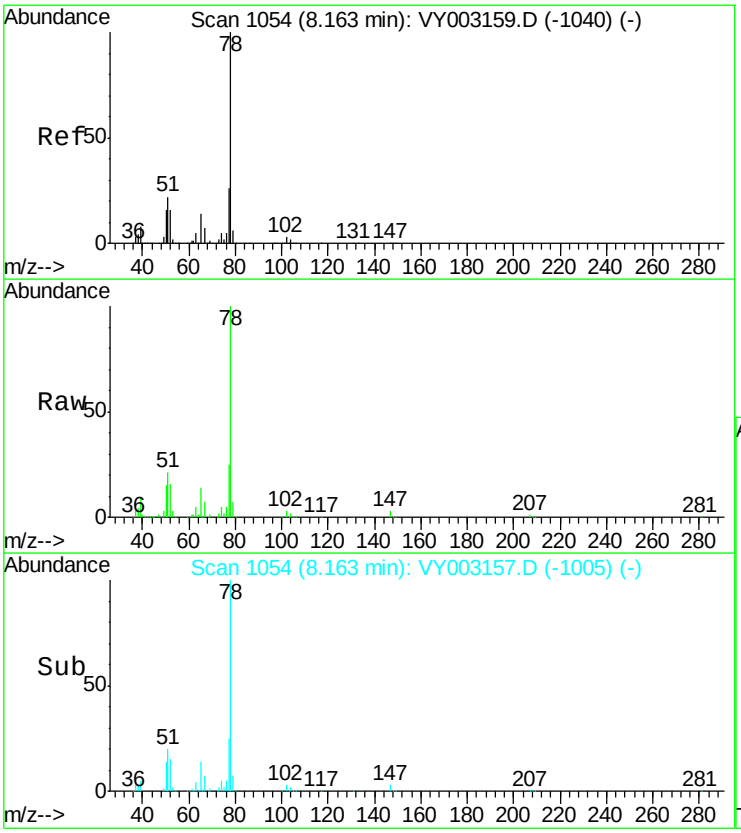

#39
Methylcyclohexane
Concen: 9.761 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion: 83 Resp: 80504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 71.7 | 57.2 | 85.8 |
| 98 | 50.8 | 41.0 | 61.6 |

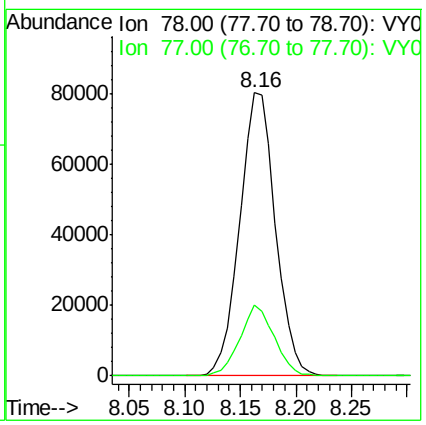


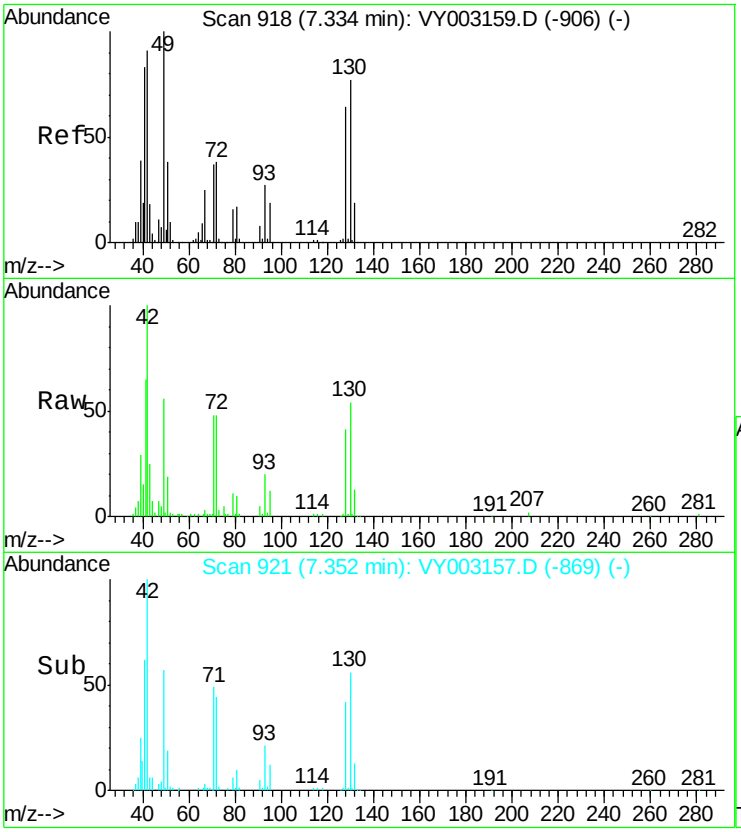




#40
Benzene
Concen: 9.812 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 78 Resp: 178796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 25.0 | 20.7 | 31.1 |



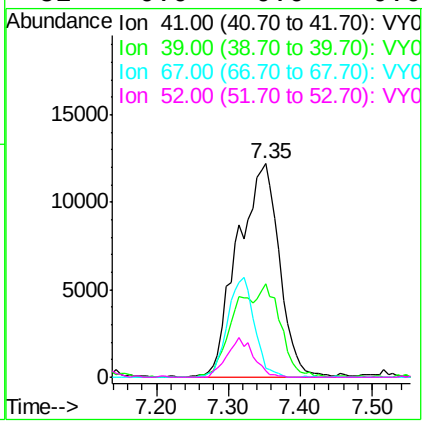


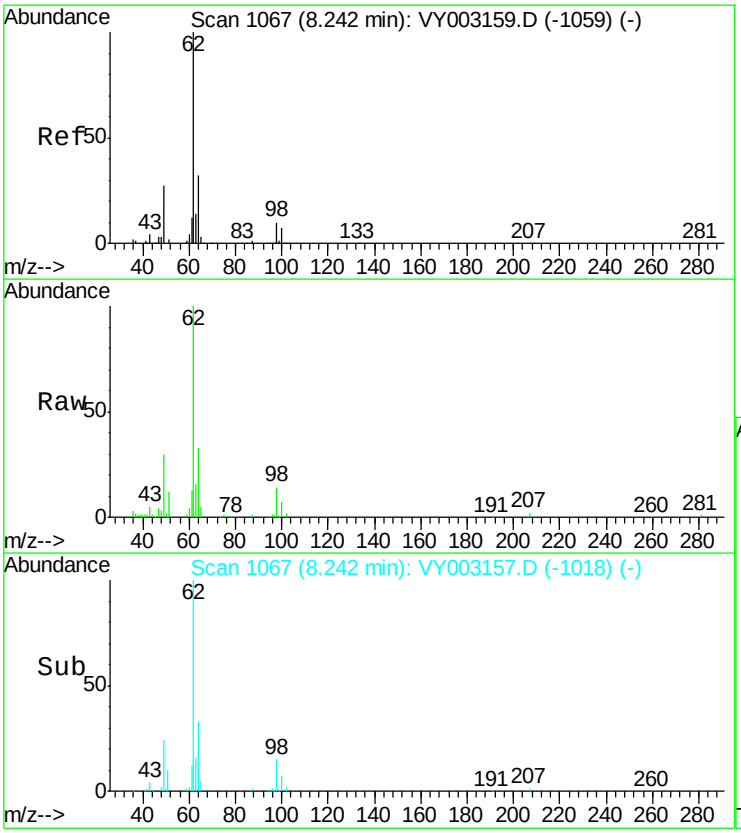

#41
Methacrylonitrile
Concen: 23.638 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC010

Tgt Ion: 41 Resp: 49363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 0.0 | 83.3 | 124.9# |
| 67 | 0.0 | 0.0 | 0.0 |
| 52 | 0.0 | 0.0 | 0.0 |

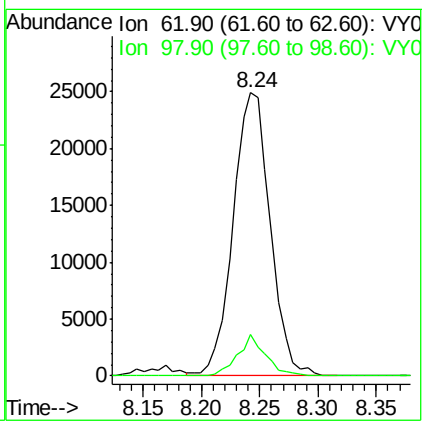


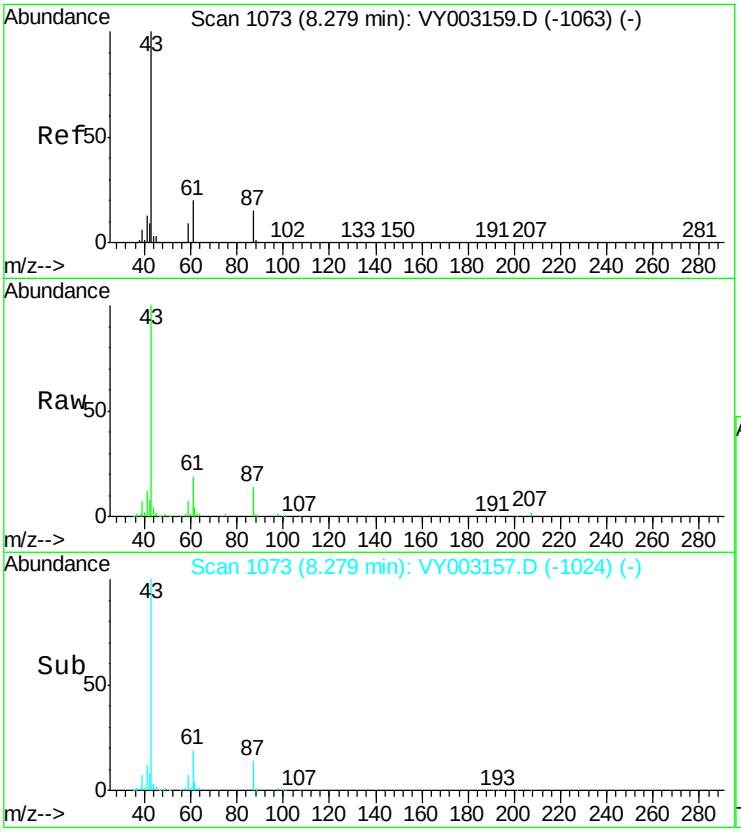




#42
1,2-Dichloroethane
Concen: 9.665 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 62 Resp: 55334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 11.0 | 0.0 | 19.0 |



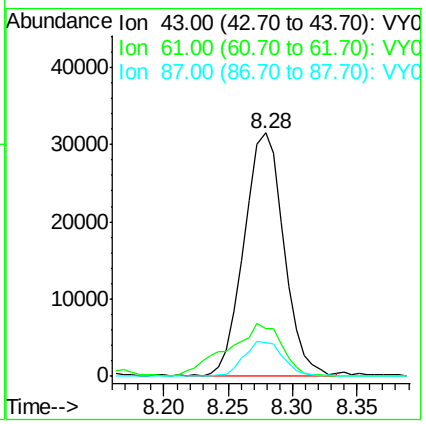


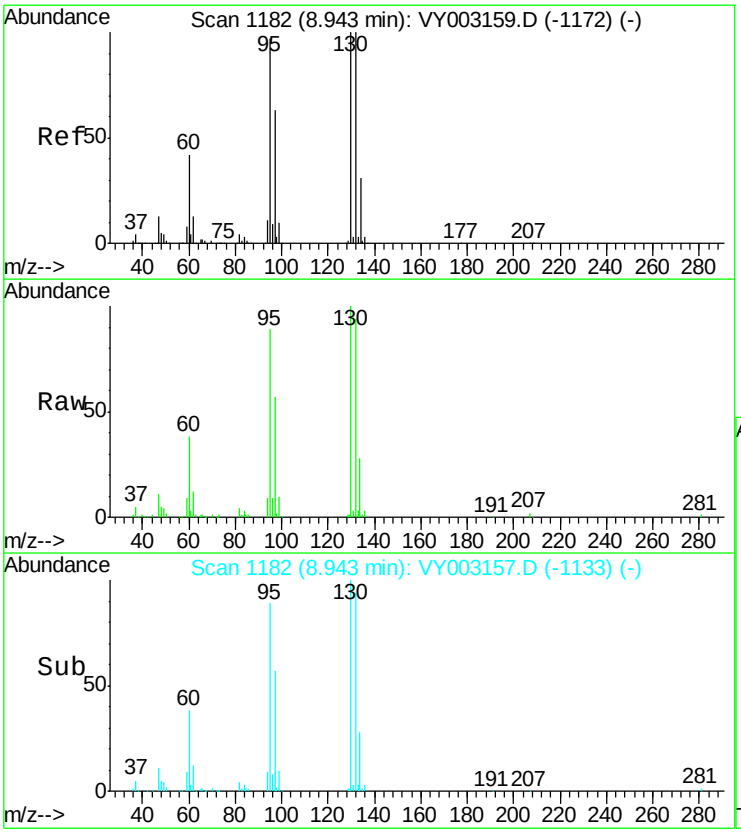

#43
Isopropyl Acetate
Concen: 8.986 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC010

Tgt Ion: 43 Resp: 66975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 29.9 | 23.7 | 35.5 |
| 87 | 14.2 | 11.4 | 17.0 |

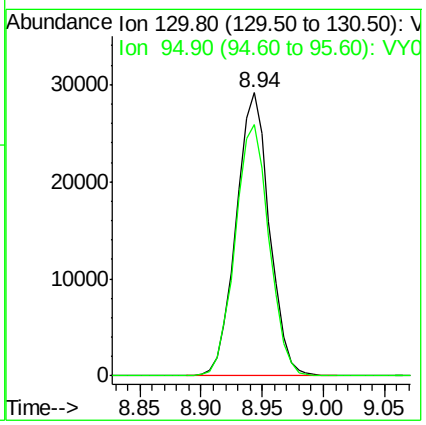


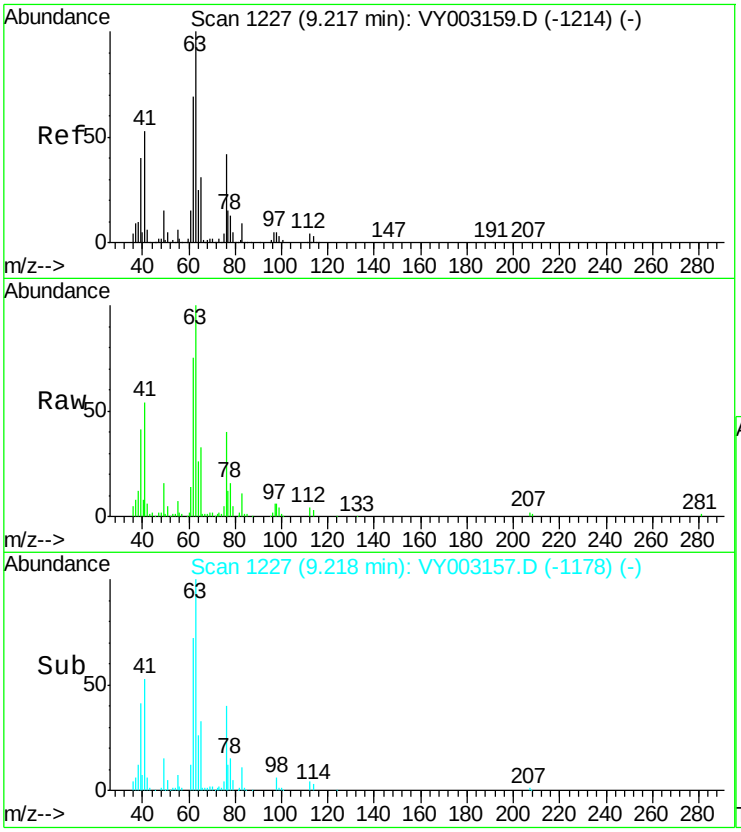




#44
Trichloroethene
Concen: 10.283 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion:130 Resp: 54927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 89.0 | 0.0 | 193.8 |



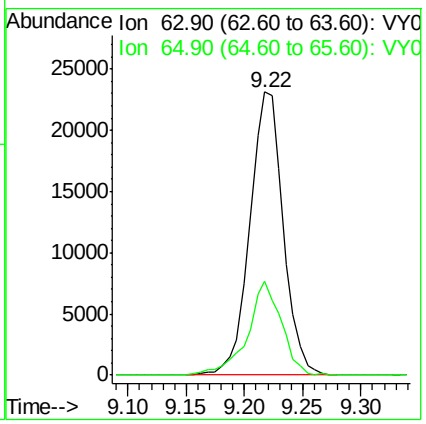


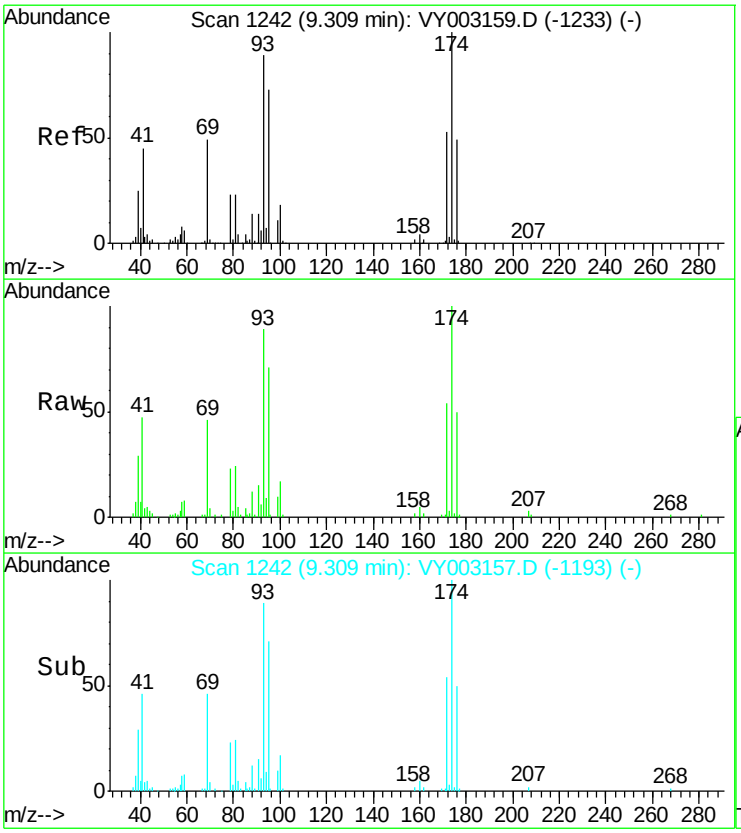

#45
1,2-Dichloropropane
Concen: 9.473 ug/l
RT: 9.22 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC010

Tgt Ion: 63 Resp: 46237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 33.2 | 25.0 | 37.4 |

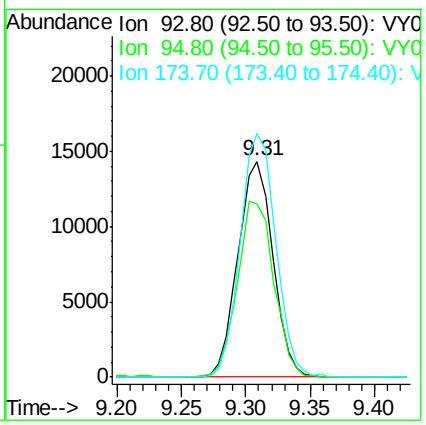


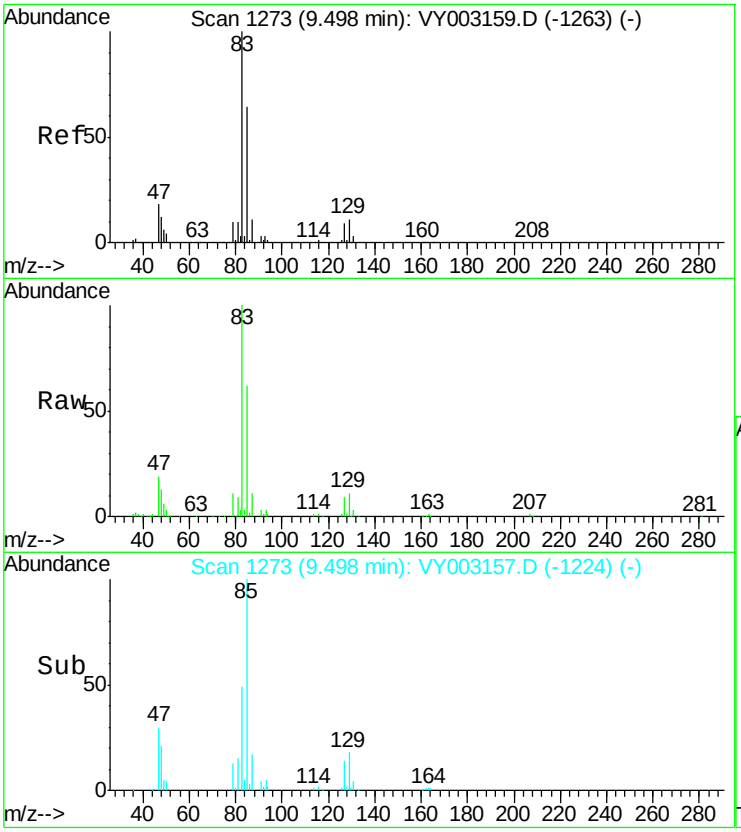




#46
Dibromomethane
Concen: 9.834 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 93 Resp: 26969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 84.5 | 66.6 | 99.8 |
| 174 | 114.6 | 90.2 | 135.4 |



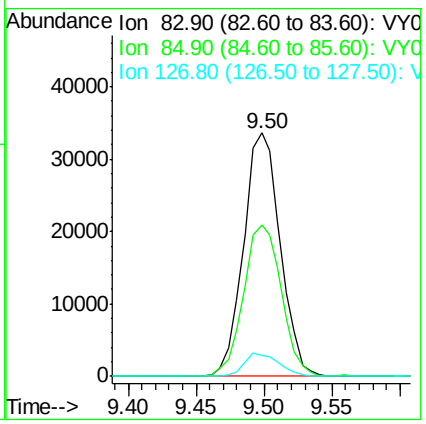


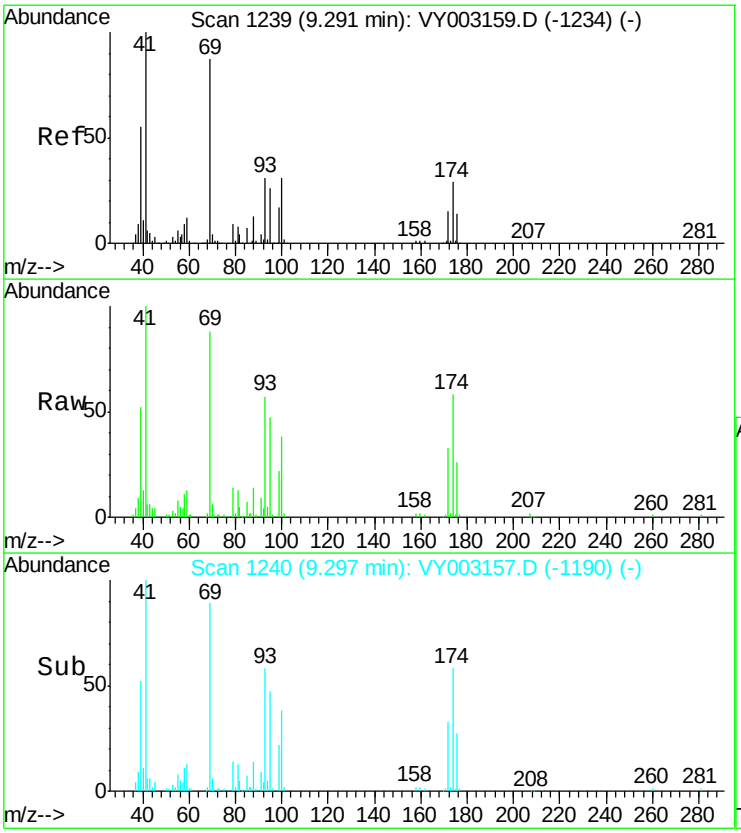

#47
Bromodichloromethane
Concen: 9.513 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion: 83 Resp: 63568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.4 | 50.9 | 76.3 |
| 127 | 8.7 | 7.0 | 10.4 |

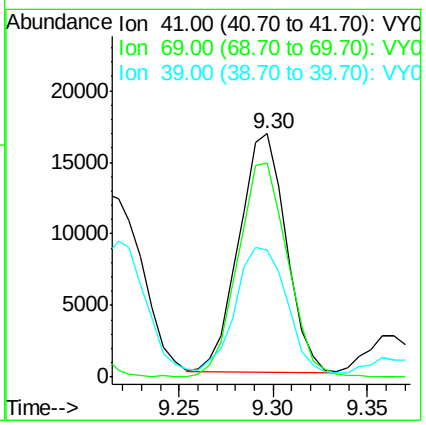


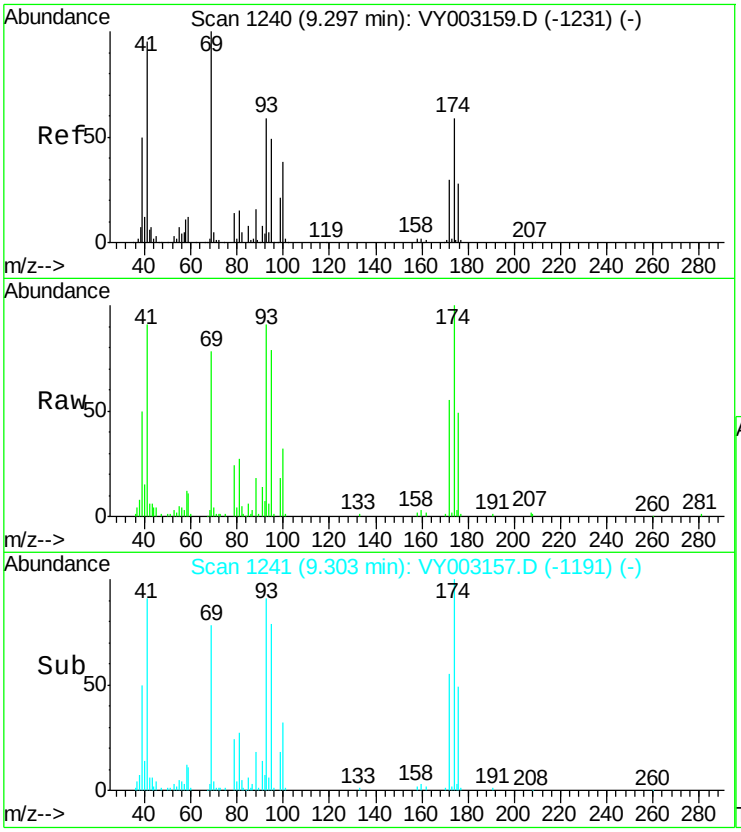




#48
Methyl methacrylate
Concen: 8.562 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 41 Resp: 29051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 94.3 | 74.5 | 111.7 |
| 39 | 61.1 | 47.5 | 71.3 |



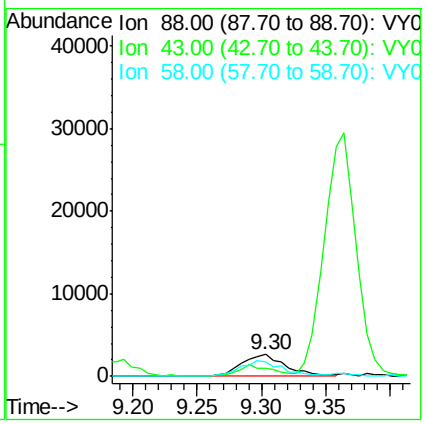


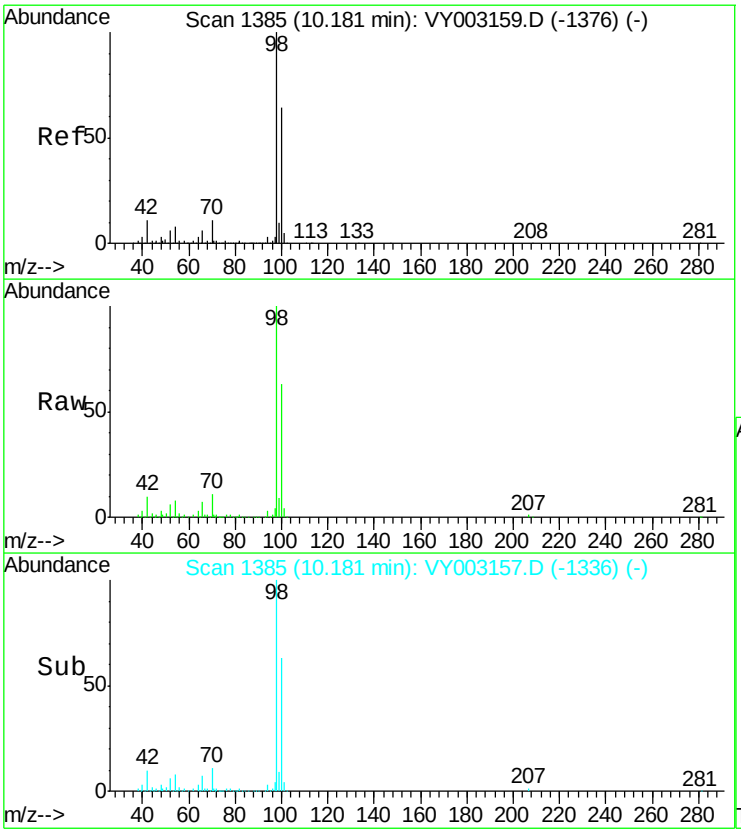

#49
1,4-Dioxane
Concen: 190.191 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion: 88 Resp: 6441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 39.5 | 25.6 | 38.4# |
| 58 | 66.8 | 47.8 | 71.6 |

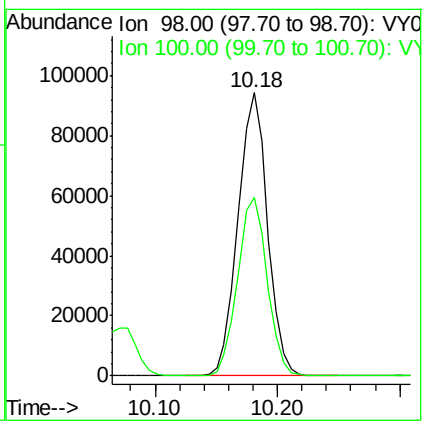


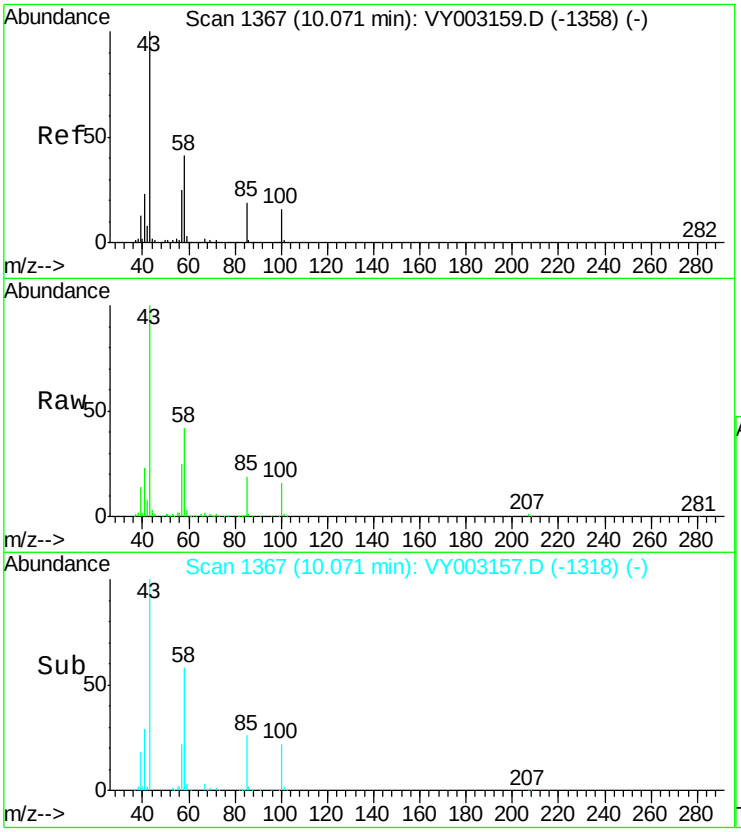




#50
Toluene-d8
Concen: 9.962 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 98 Resp: 157774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.3 | 50.7 | 76.1 |



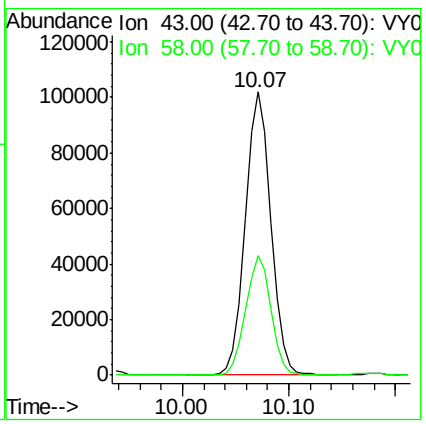


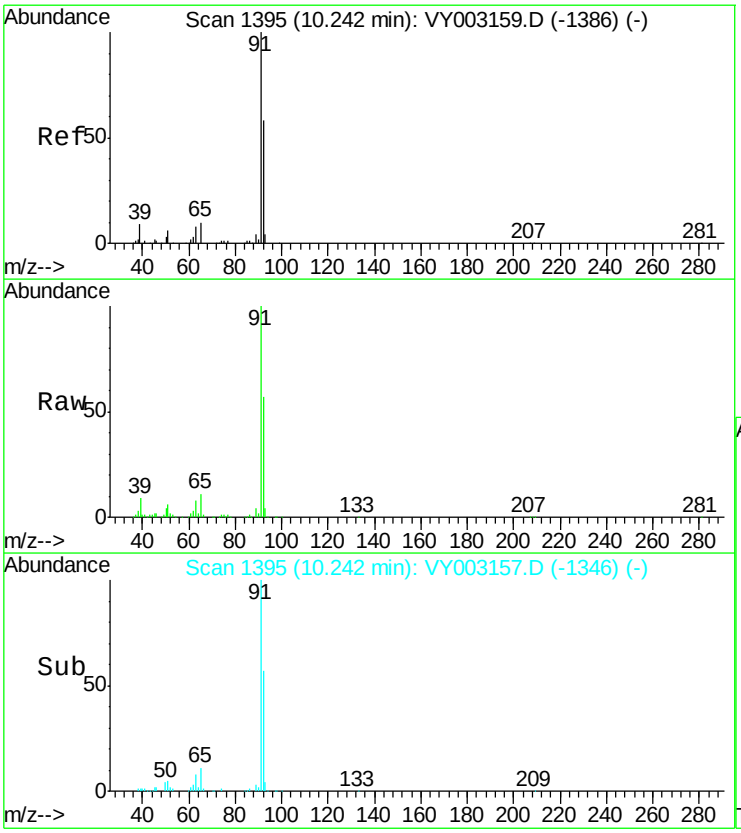

#51
4-Methyl-2-Pentanone
Concen: 44.698 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion: 43 Resp: 172540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 41.6 | 32.7 | 49.1 |

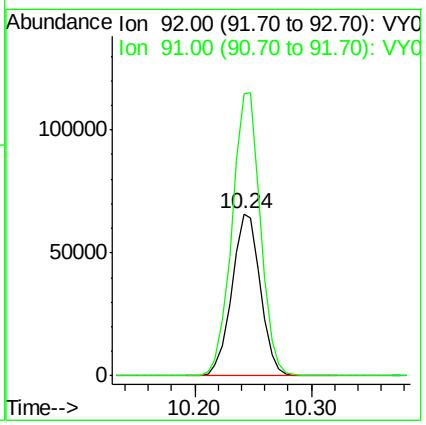


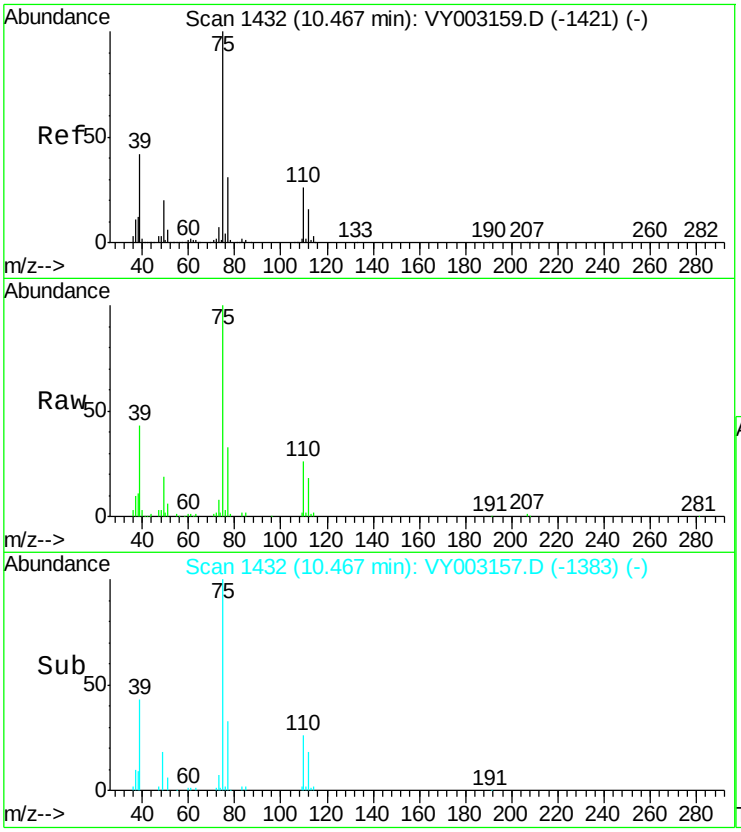




#52
Toluene
Concen: 9.746 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 92 Resp: 112182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 174.7 | 139.7 | 209.5 |



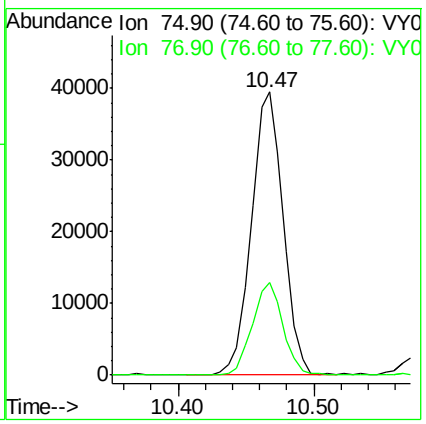


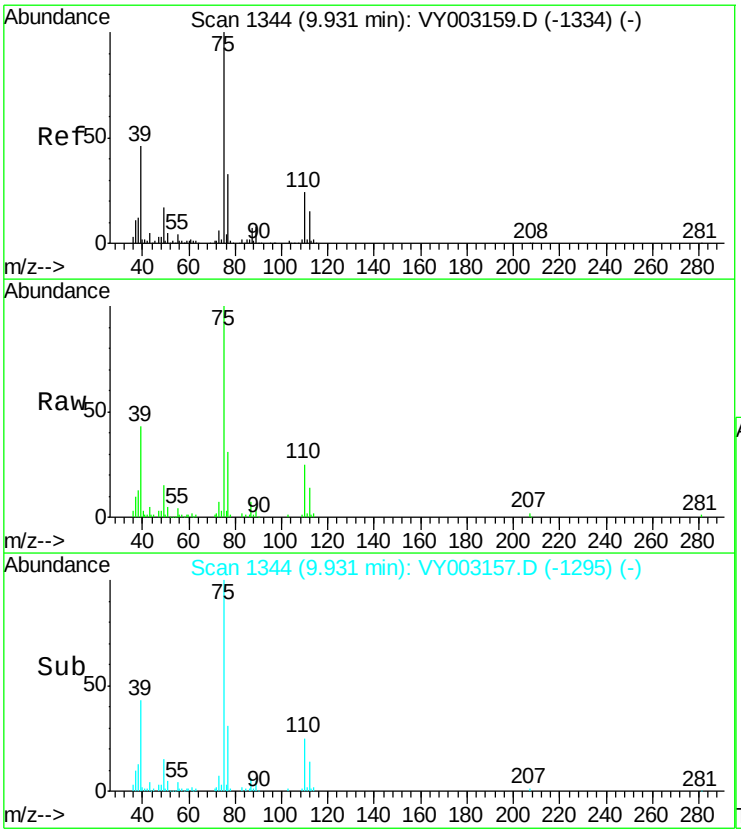

#53
t-1,3-Dichloropropene
Concen: 9.228 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion: 75 Resp: 64541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.9 | 25.2 | 37.8 |

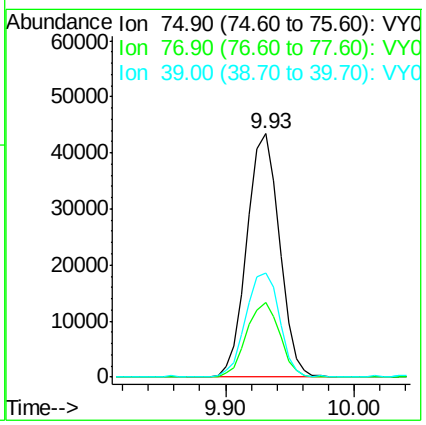


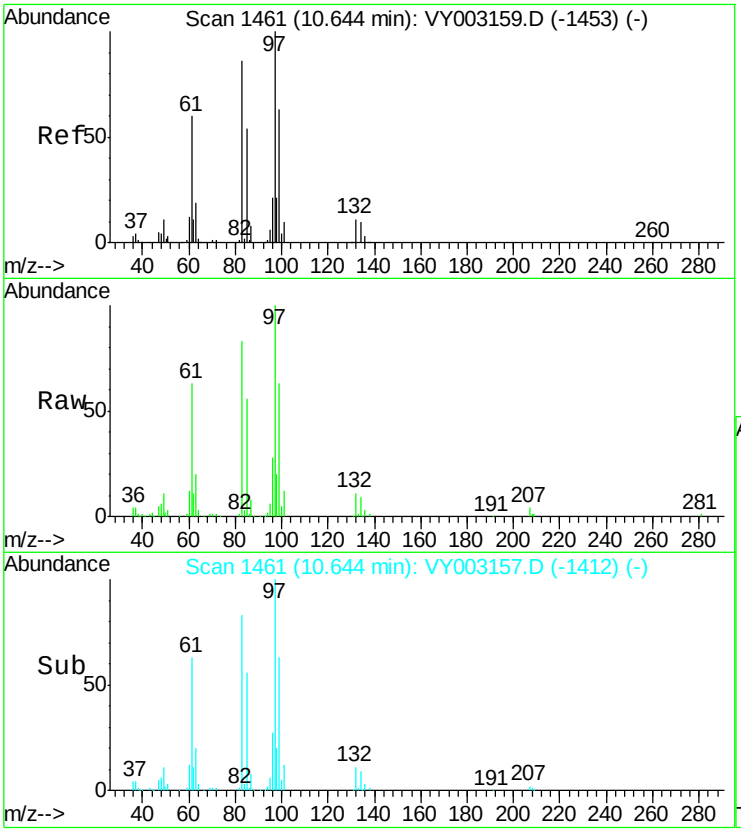




#54
cis-1,3-Dichloropropene
Concen: 9.481 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 75 Resp: 75835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.9 | 26.7 | 40.1 |
| 39 | 42.7 | 37.0 | 55.6 |



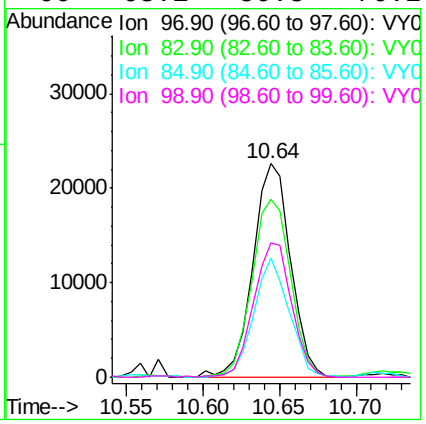


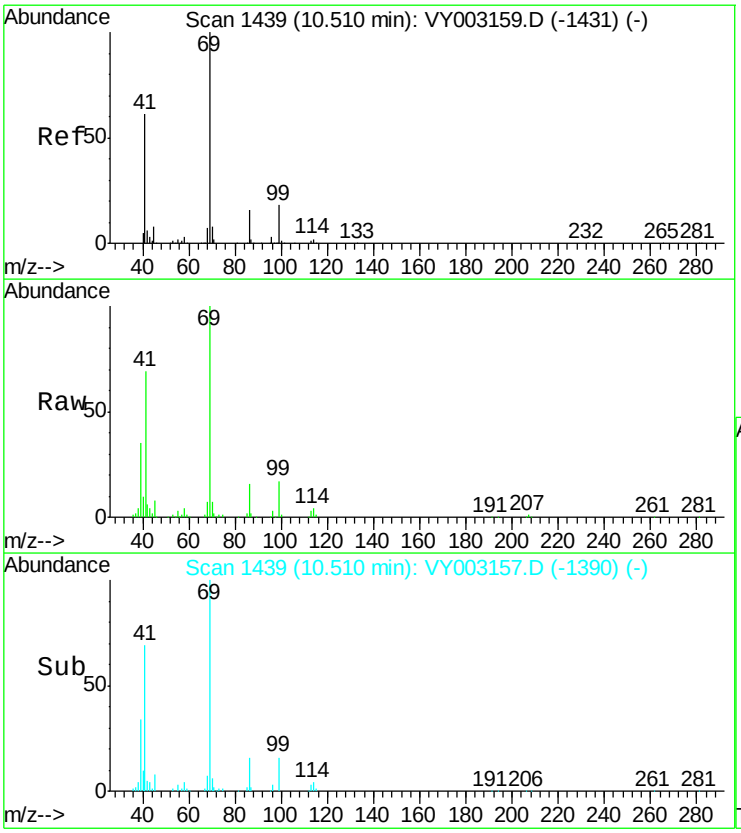

#55
1,1,2-Trichloroethane
Concen: 10.230 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion: 97 Resp: 38844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 83.2 | 68.8 | 103.2 |
| 85 | 55.4 | 43.1 | 64.7 |
| 99 | 63.1 | 50.8 | 76.2 |

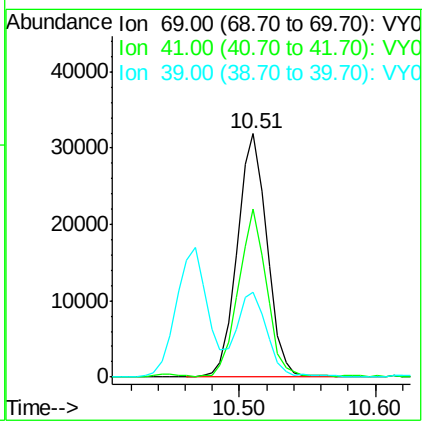


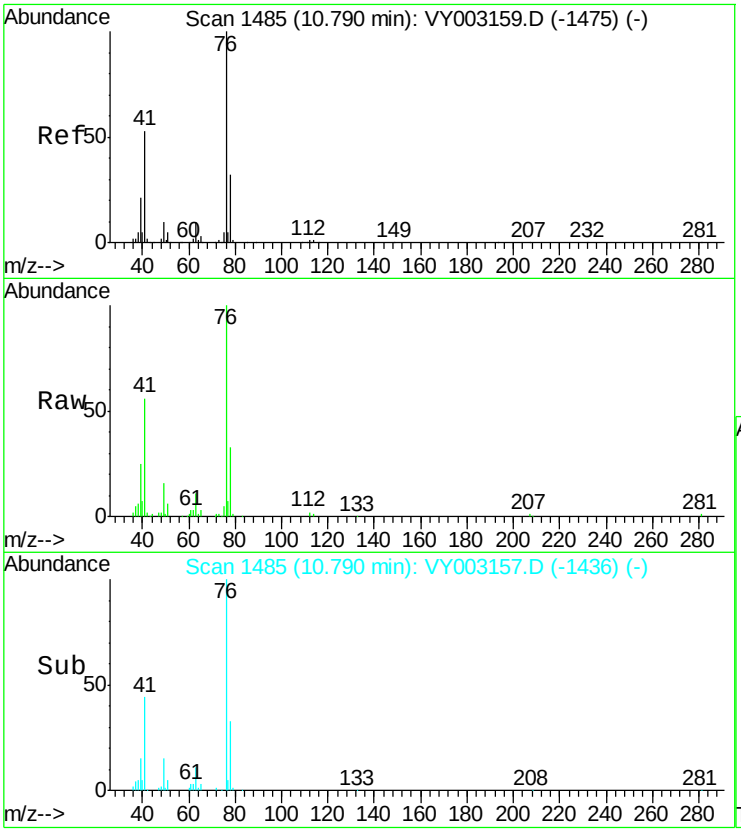




#56
Ethyl methacrylate
Concen: 8.889 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 69 Resp: 48584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 64.9 | 50.0 | 75.0 |
| 39 | 35.3 | 27.6 | 41.4 |



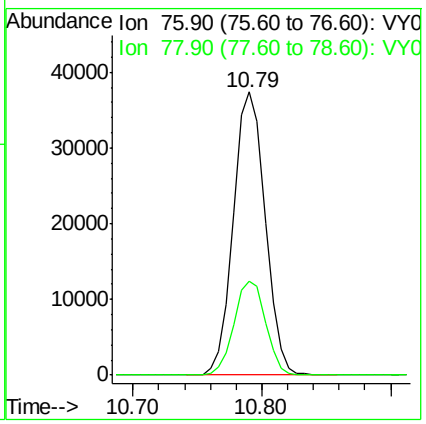


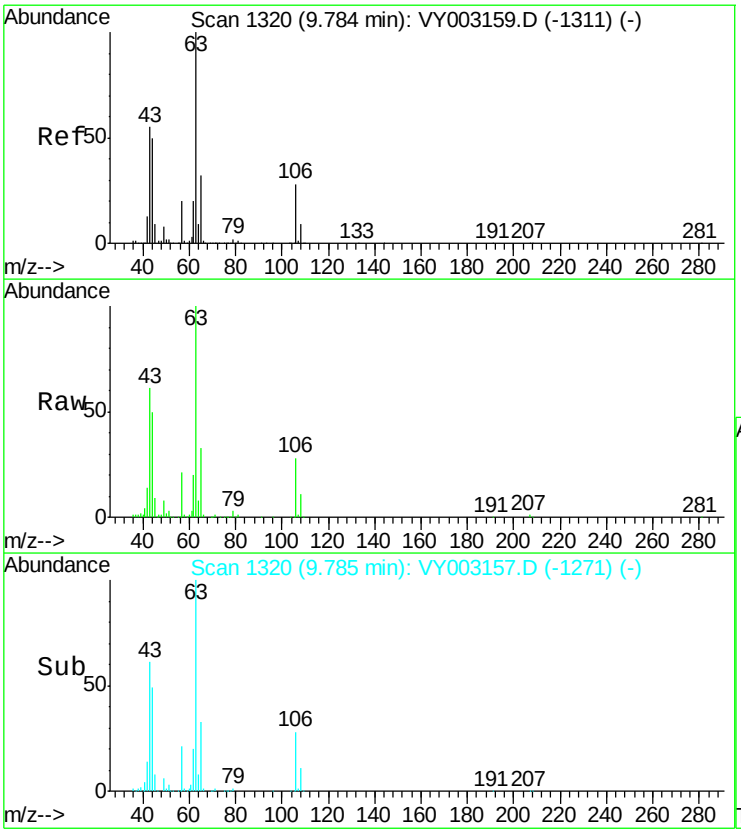

#57
1,3-Dichloropropane
Concen: 9.575 ug/l
RT: 10.79 min Scan# 1485
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion: 76 Resp: 63874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 33.1 | 26.0 | 39.0 |

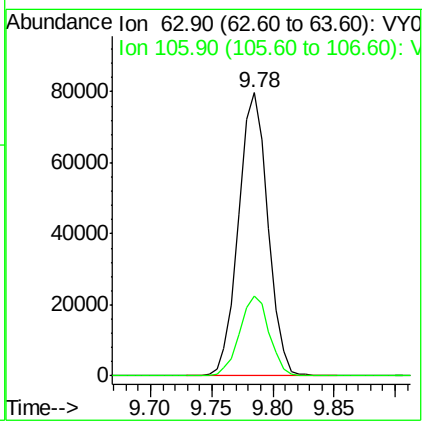


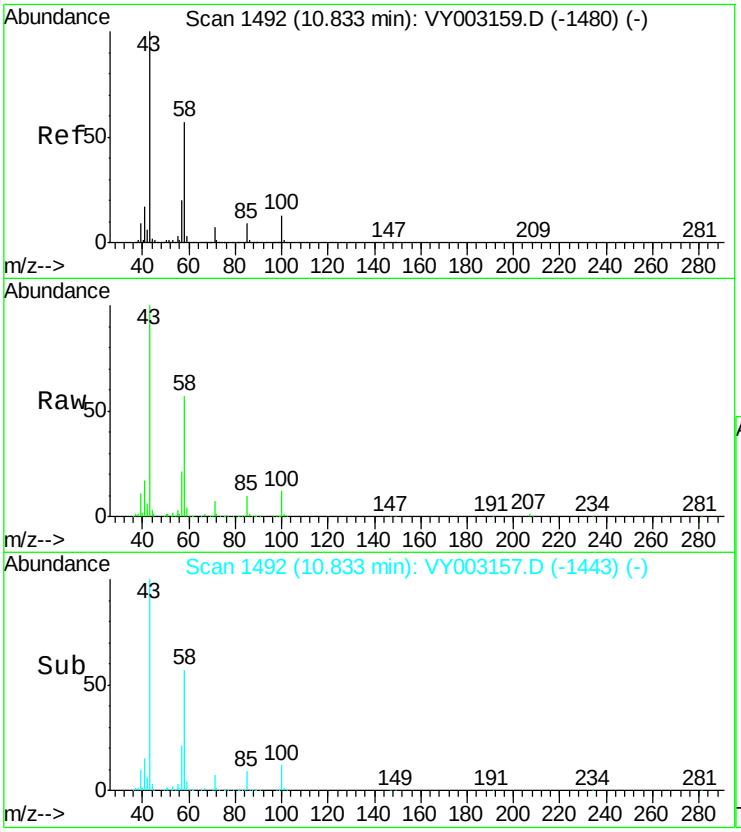




#58
2-Chloroethyl Vinyl ether
Concen: 48.139 ug/l
RT: 9.78 min Scan# 1320
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 63 Resp: 133387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 28.3 | 22.9 | 34.3 |



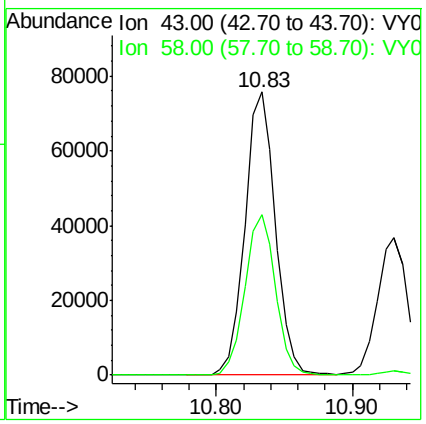


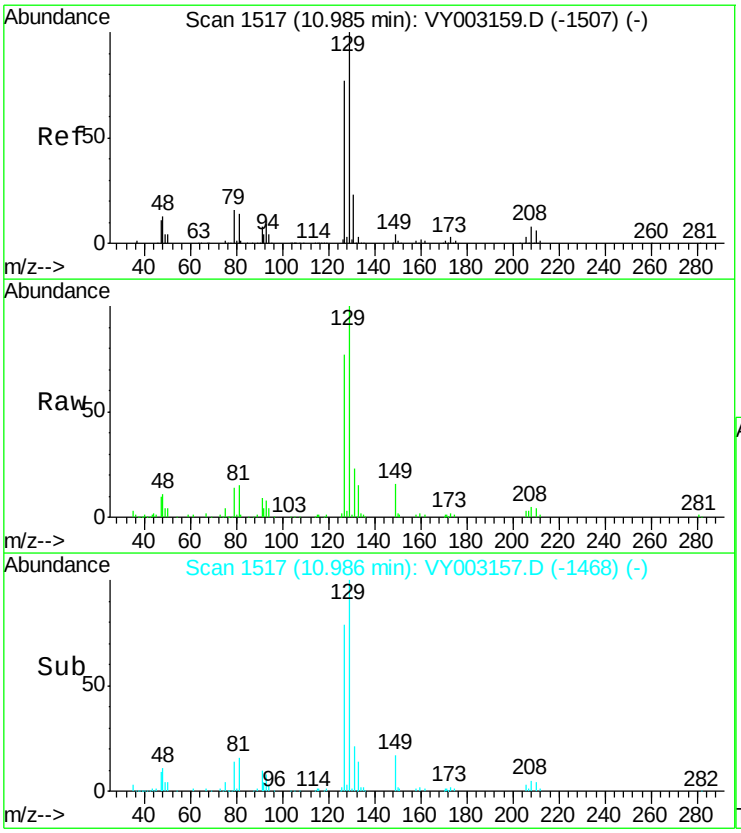

#59
2-Hexanone
Concen: 44.007 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion: 43 Resp: 118592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 57.1 | 28.3 | 85.0 |

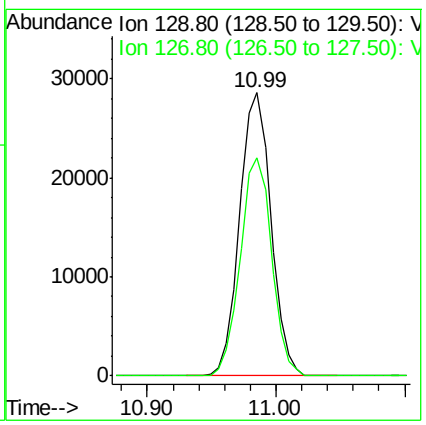


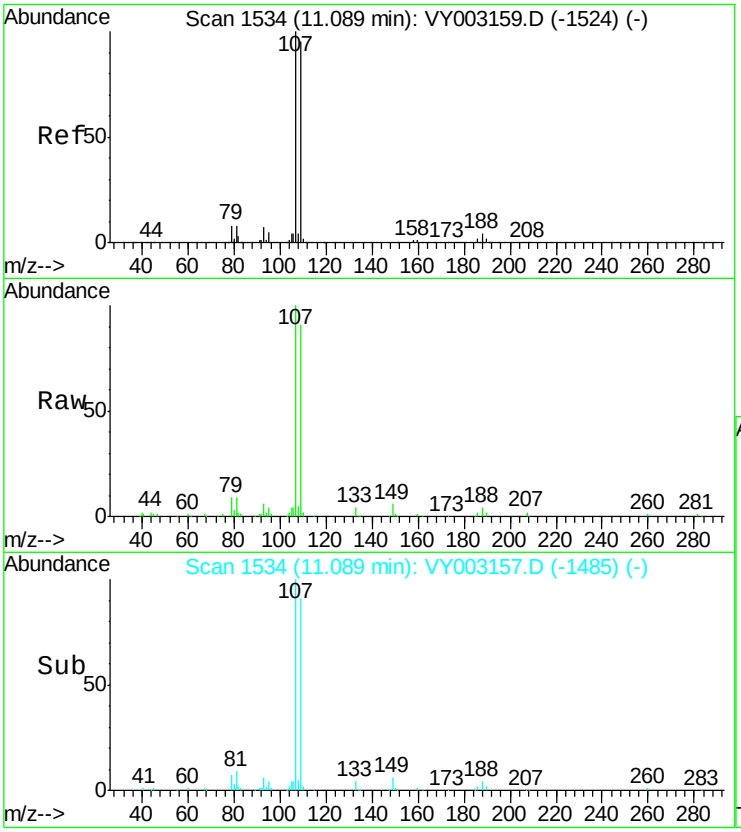




#60
Dibromochloromethane
Concen: 9.880 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion:129 Resp: 48127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.8 | 38.5 | 115.5 |



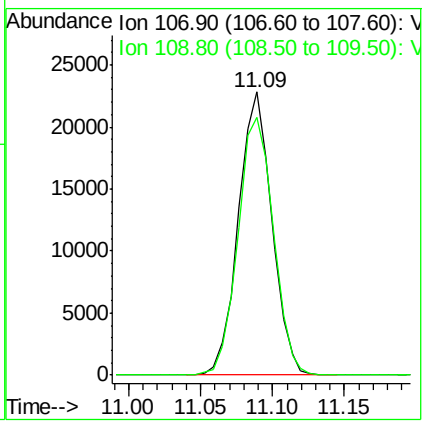


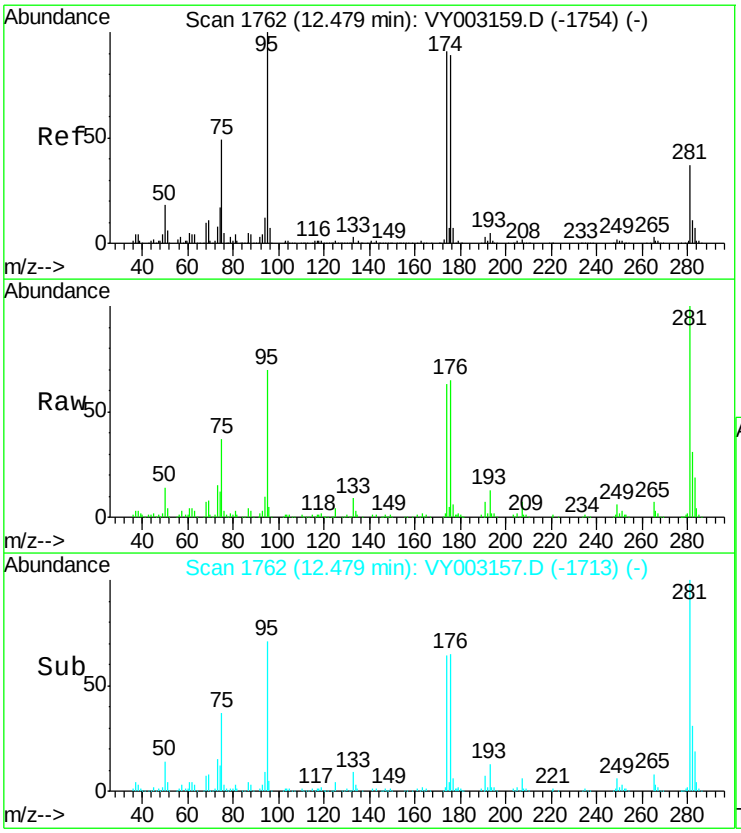

#61
1,2-Dibromoethane
Concen: 9.780 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC010

Tgt Ion:107 Resp: 36755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 96.2 | 75.6 | 113.4 |

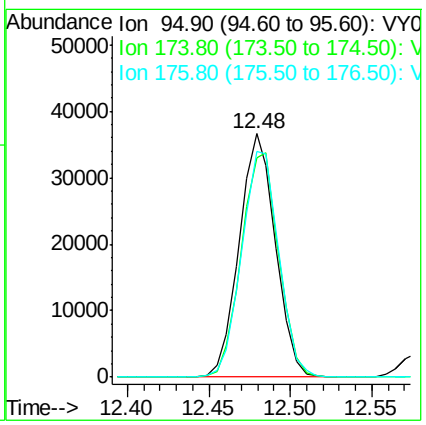


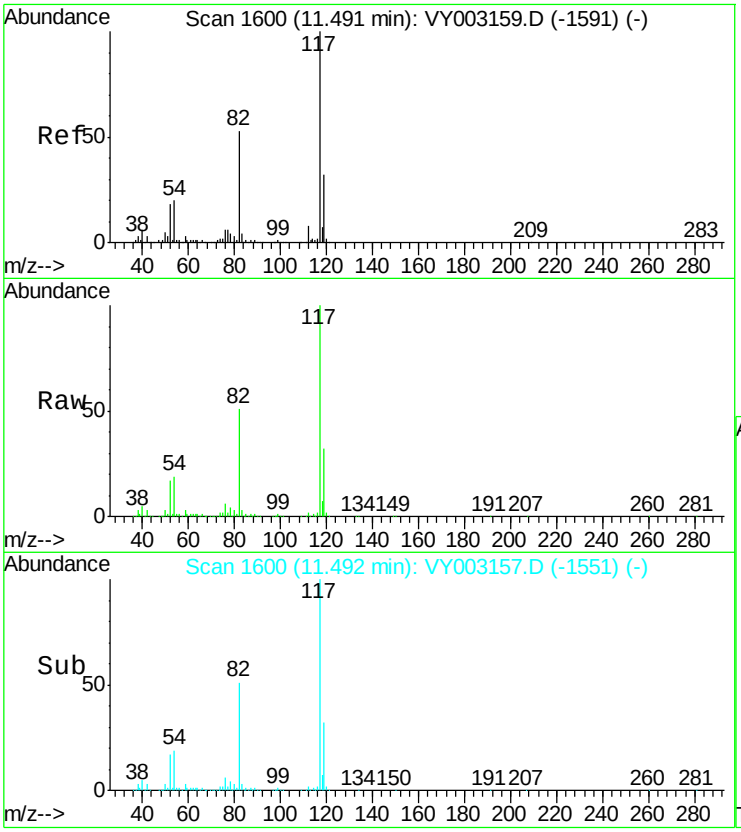




#62
4-Bromofluorobenzene
Concen: 10.130 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 95 Resp: 56550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 95.0 | 0.0 | 190.6 |
| 176 | 95.3 | 0.0 | 186.4 |



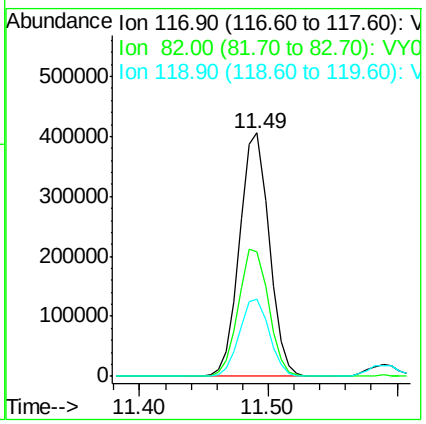


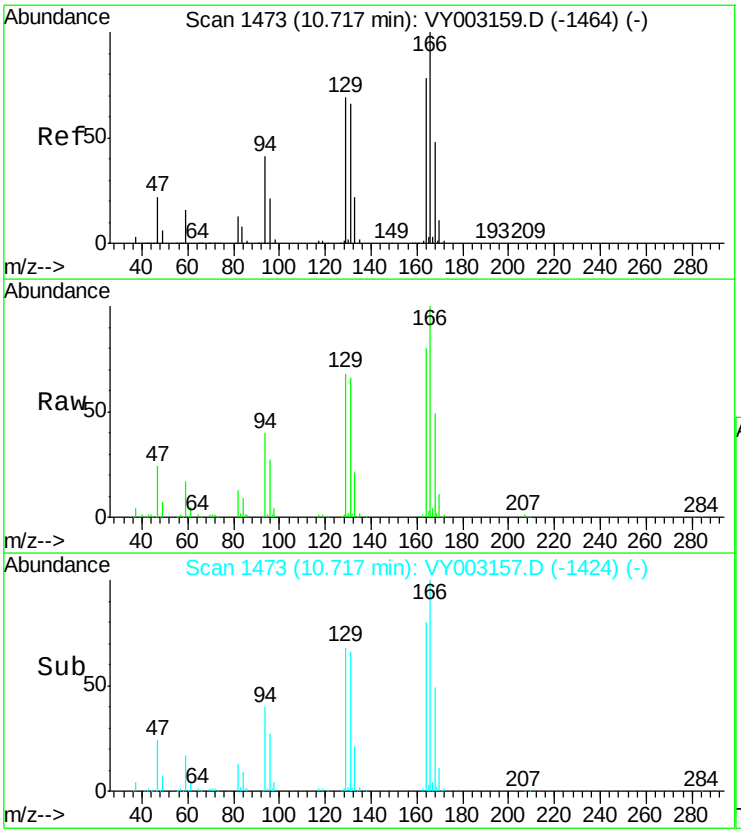

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC010

Tgt Ion:117 Resp: 645048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 51.0 | 42.0 | 63.0 |
| 119 | 31.9 | 25.5 | 38.3 |

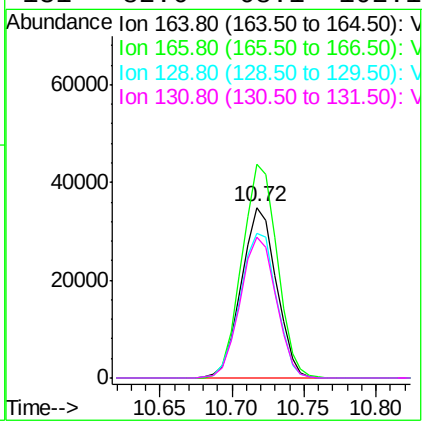


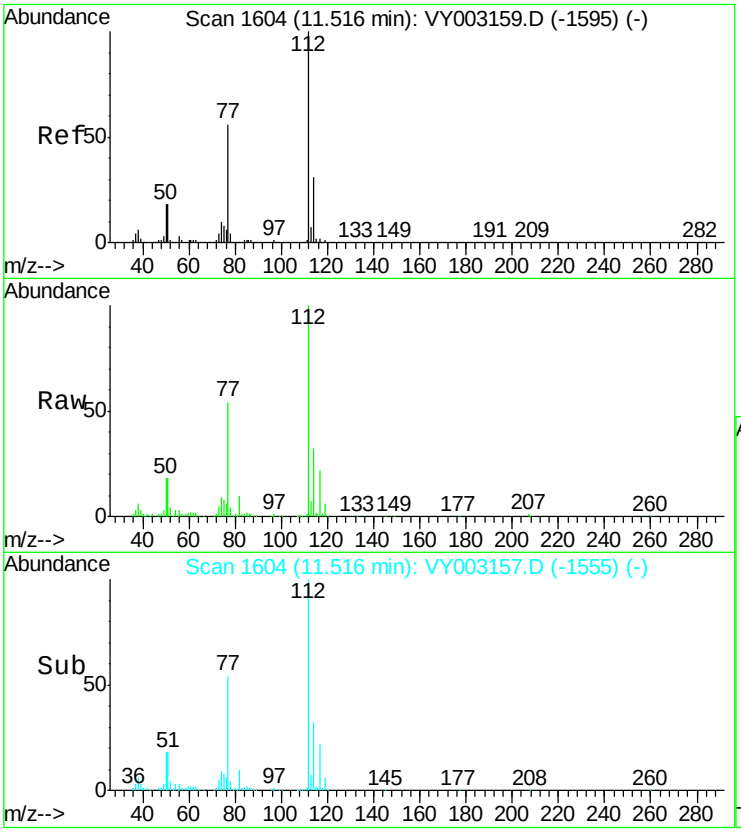




#64
Tetrachloroethene
Concen: 10.787 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion:164 Resp: 58634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 125.1 | 102.9 | 154.3 |
| 129 | 84.6 | 71.4 | 107.2 |
| 131 | 82.6 | 68.1 | 102.1 |



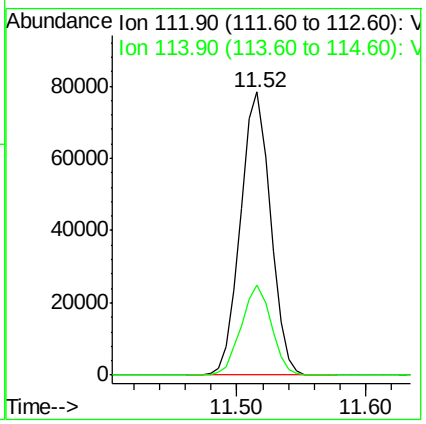


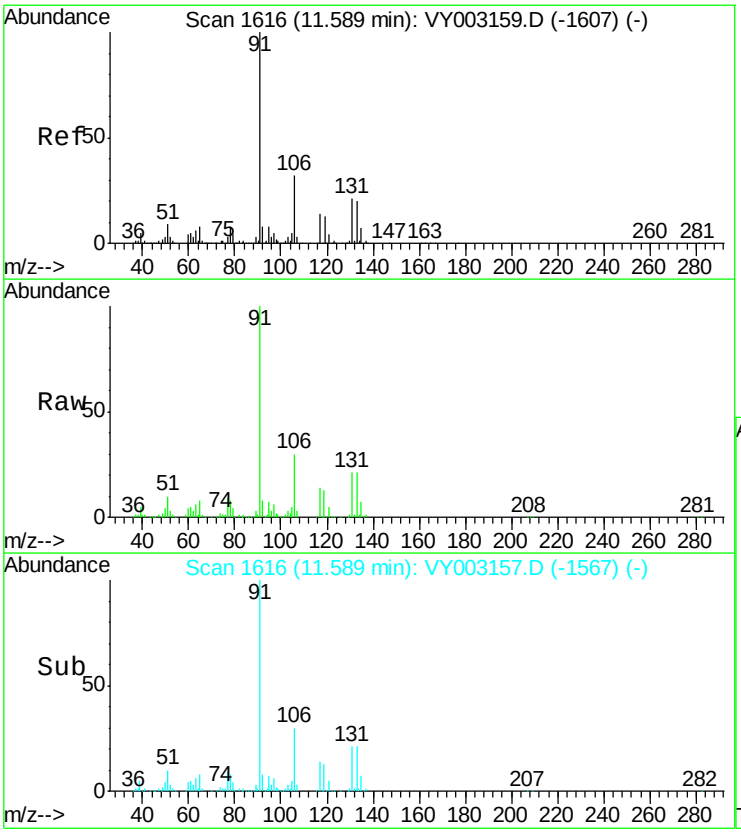

#65
Chlorobenzene
Concen: 10.032 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion:112 Resp: 126081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.6 | 24.7 | 37.1 |

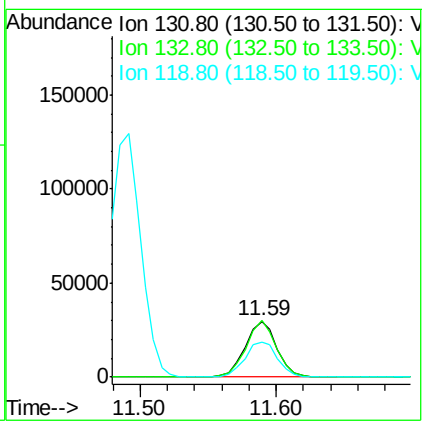


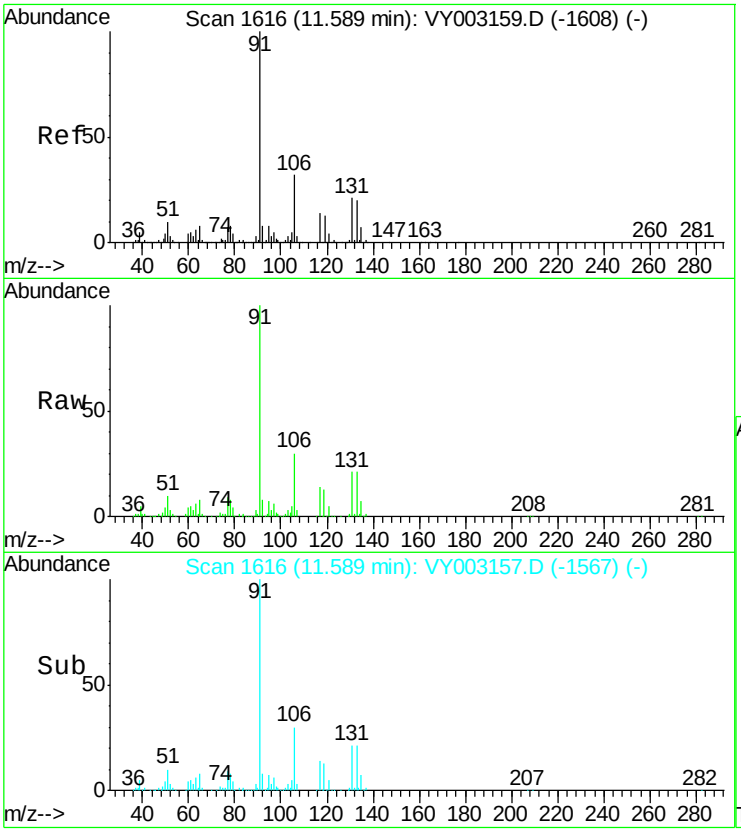




#66
1,1,1,2-Tetrachloroethane
Concen: 9.853 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion:131 Resp: 48188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 97.8 | 48.0 | 144.0 |
| 119 | 65.5 | 32.4 | 97.0 |



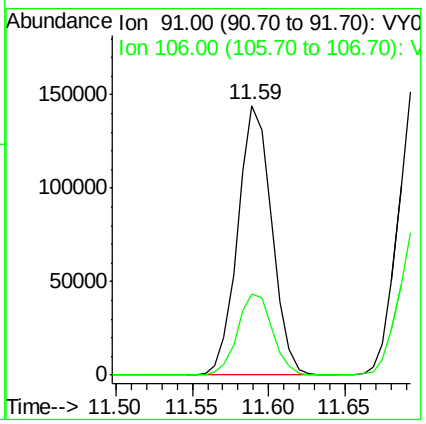


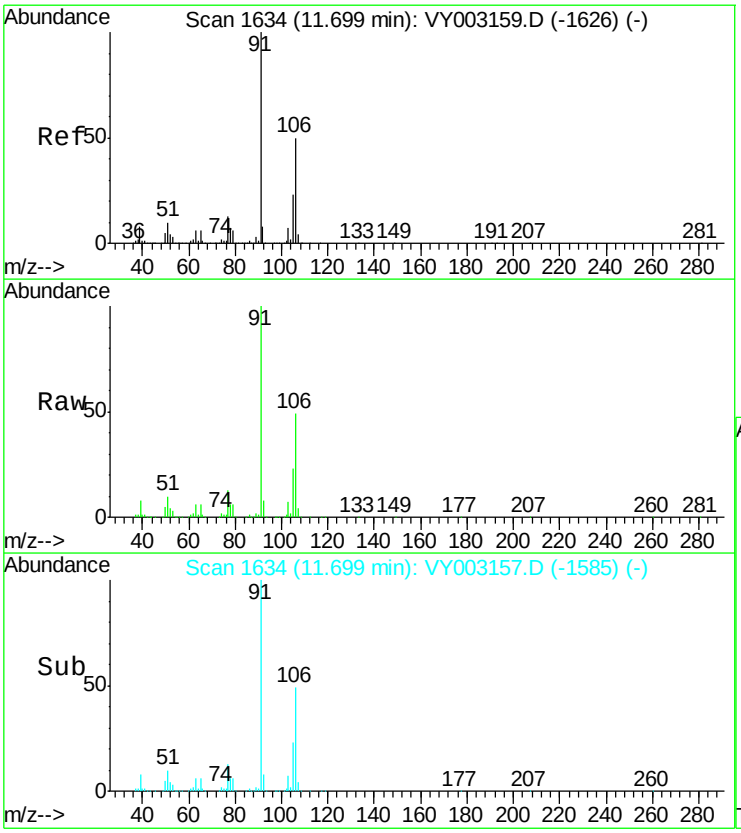

#67
Ethyl Benzene
Concen: 9.703 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion: 91 Resp: 222582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.1 | 25.5 | 38.3 |

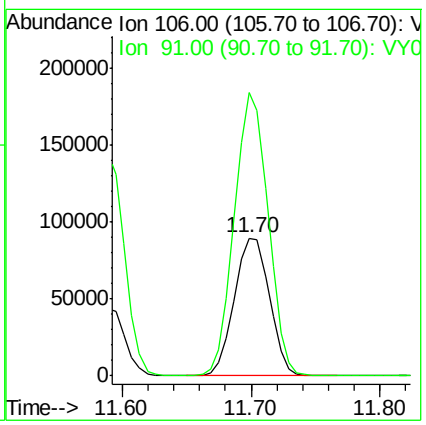


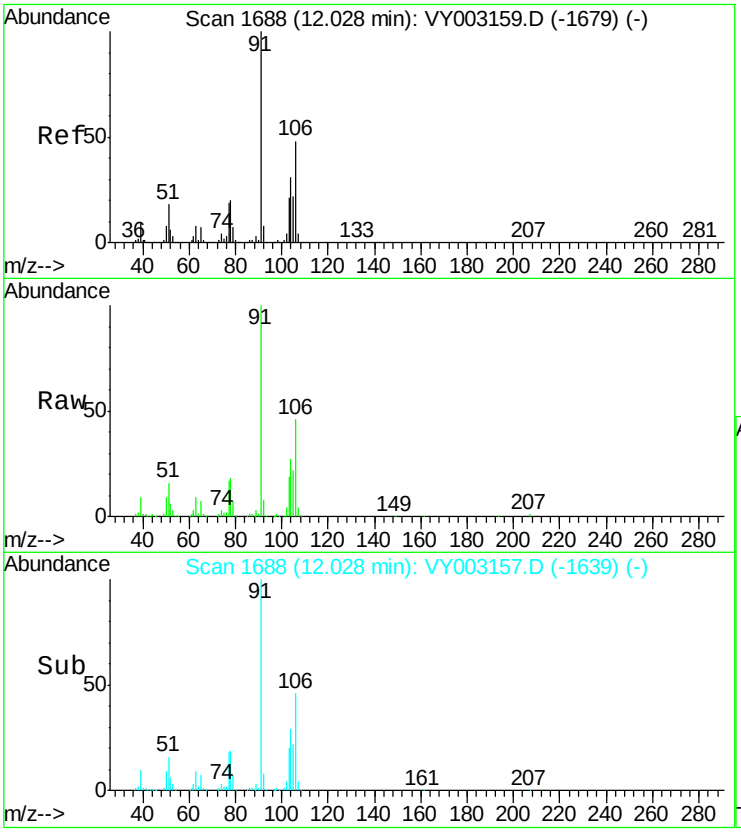




#68
m/p-Xylenes
Concen: 19.914 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion:106 Resp: 169928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 196.7 | 159.0 | 238.6 |



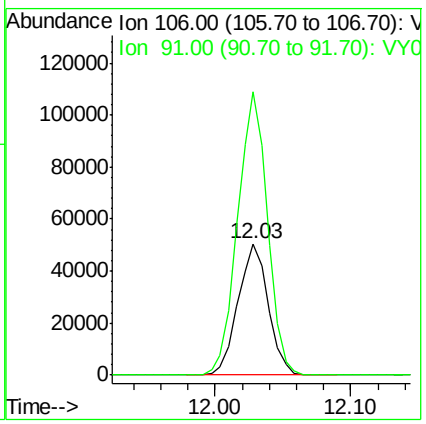


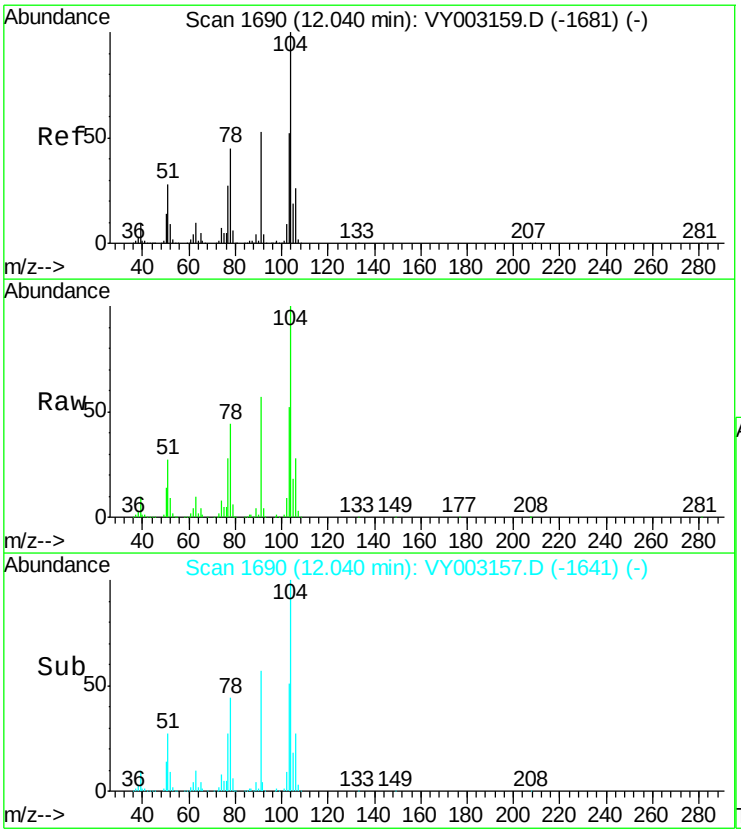

#69
o-Xylene
Concen: 9.684 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion:106 Resp: 77937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 213.1 | 105.1 | 315.1 |

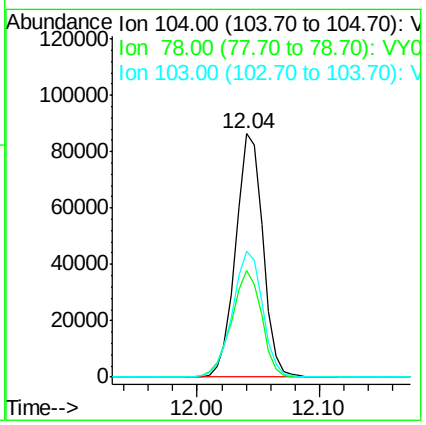


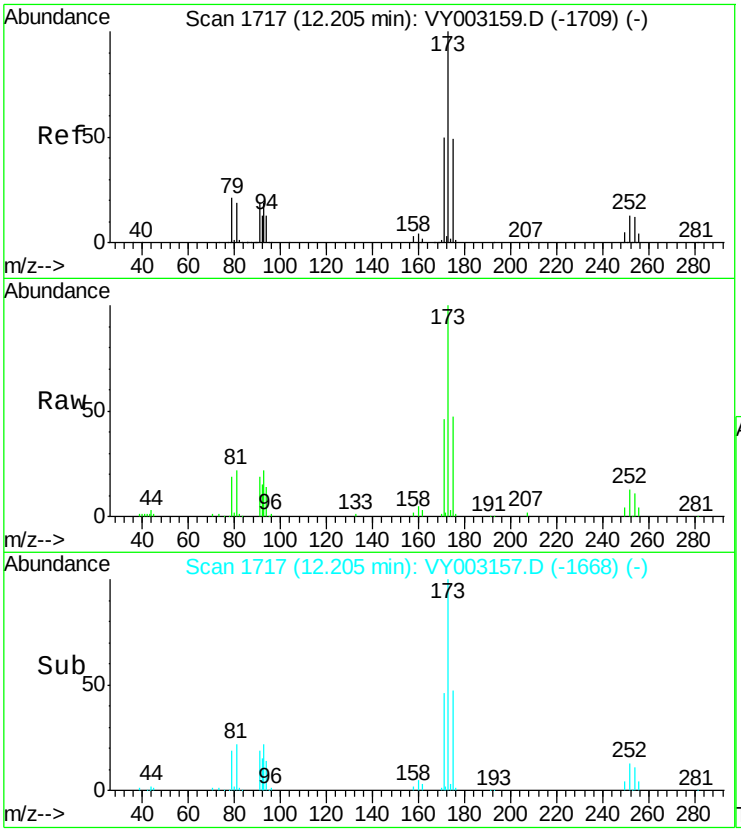




#70
Styrene
Concen: 9.643 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion:104 Resp: 132628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 48.5 | 38.5 | 57.7 |
| 103 | 56.7 | 43.9 | 65.9 |



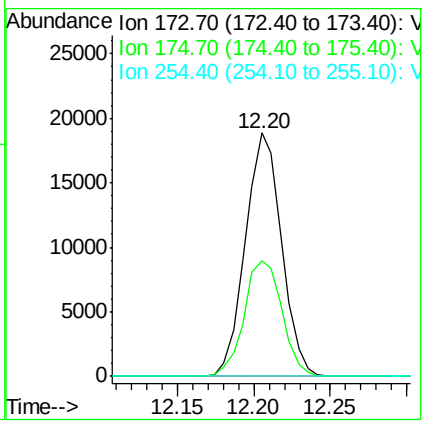


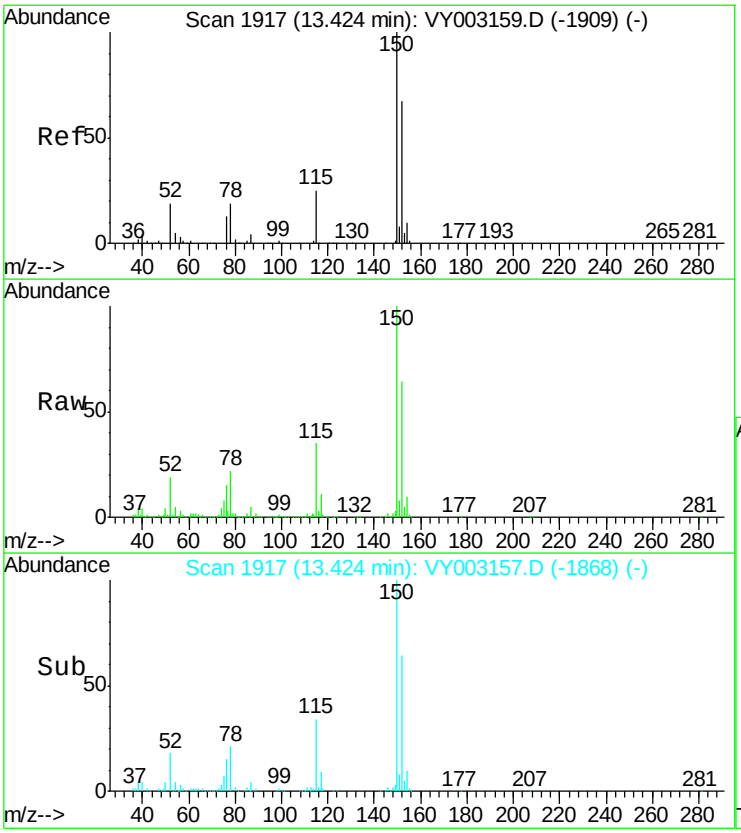

#71
Bromoform
Concen: 9.564 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC010

Tgt Ion:173 Resp: 31079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.3 | 24.3 | 73.0 |
| 254 | 0.0 | 0.2 | 0.2# |

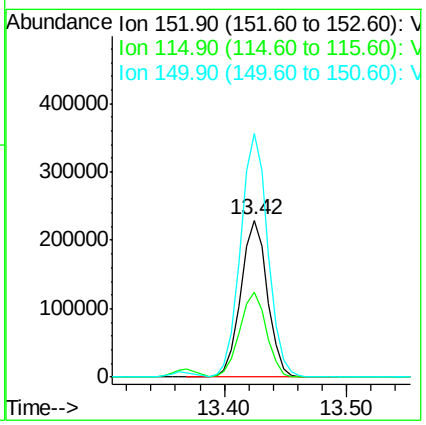


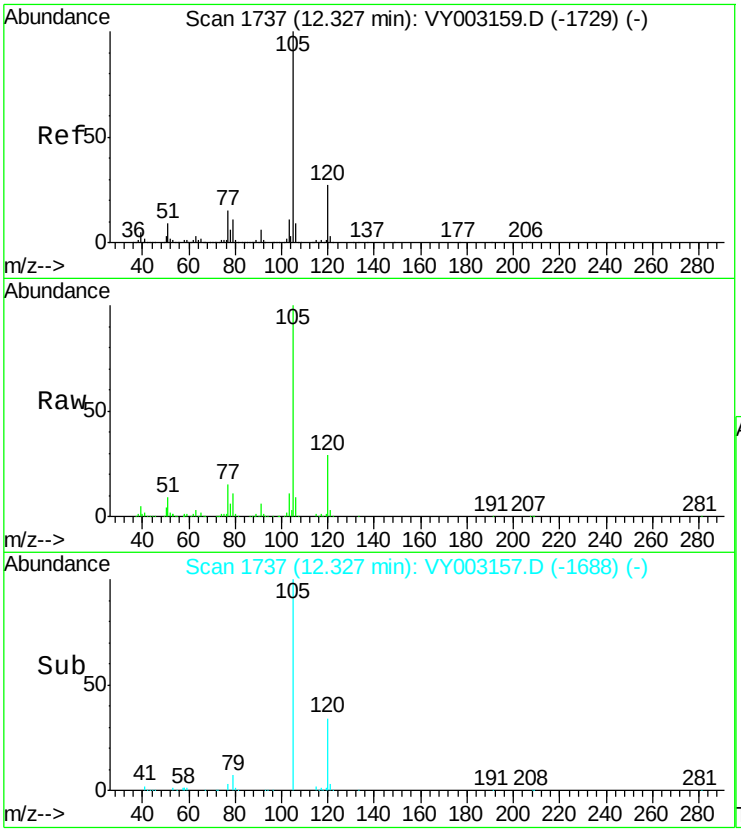




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion:152 Resp: 344187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 54.7 | 26.9 | 80.7 |
| 150 | 160.0 | 0.0 | 338.0 |



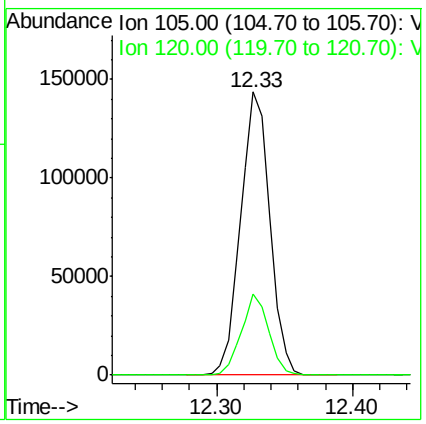


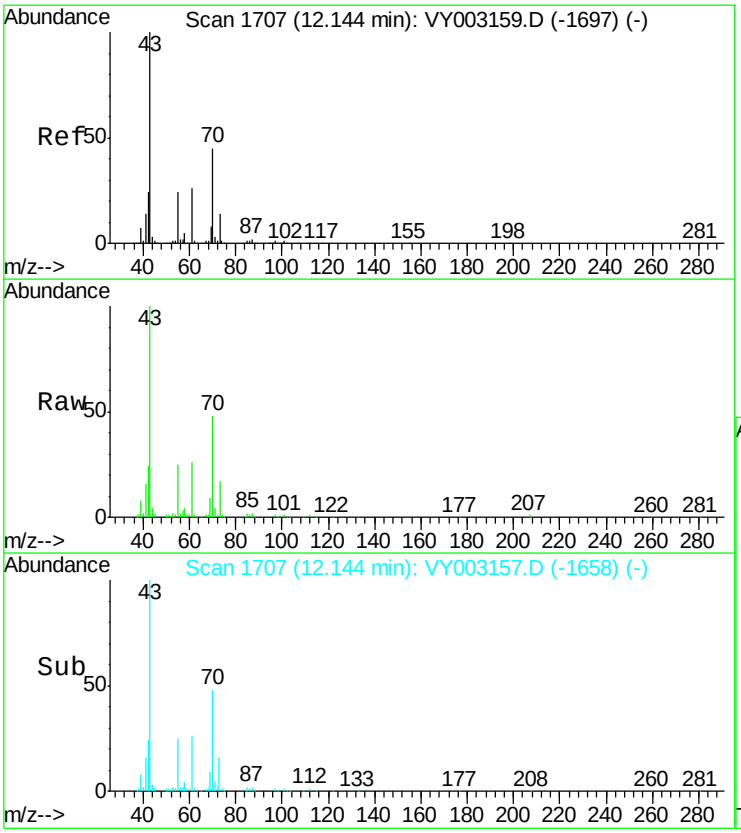

#73
Isopropylbenzene
Concen: 9.689 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC010

Tgt Ion:105 Resp: 215831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.9 | 13.4 | 40.2 |

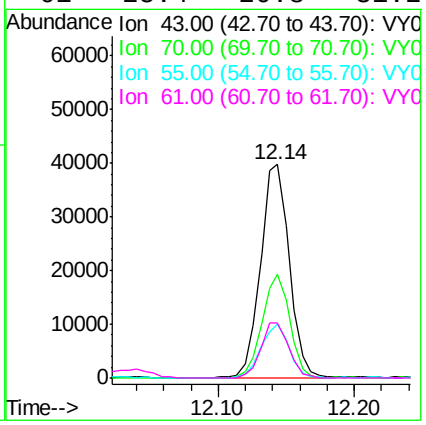


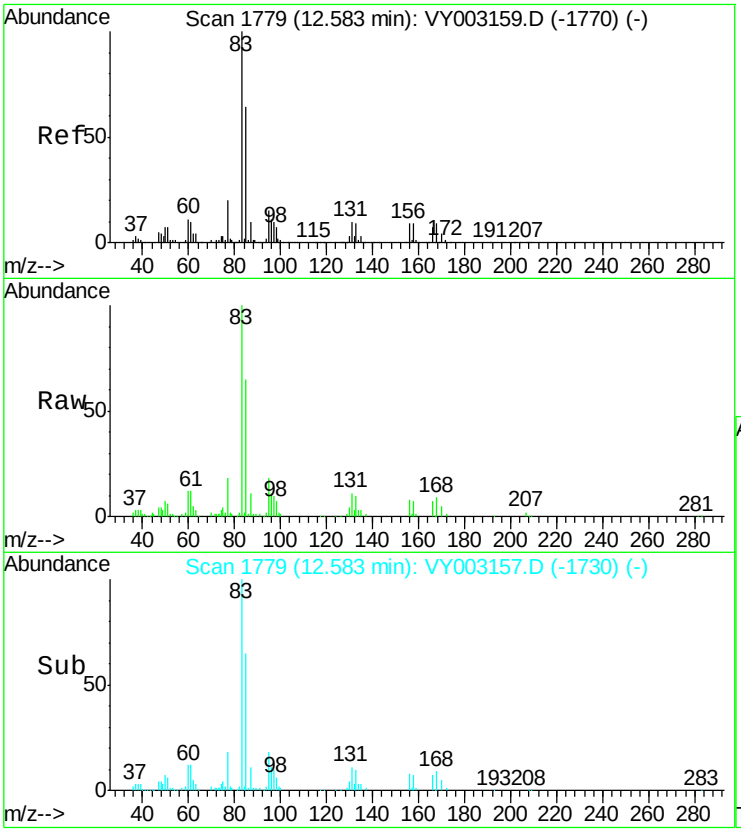




#74
N-amyl acetate
Concen: 8.349 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 43 Resp: 59109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 46.4 | 35.6 | 53.4 |
| 55 | 24.7 | 19.4 | 29.2 |
| 61 | 25.4 | 20.8 | 31.2 |



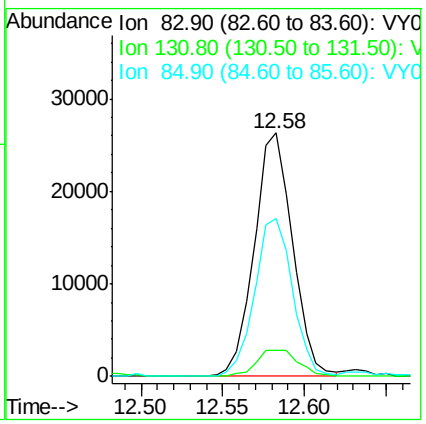


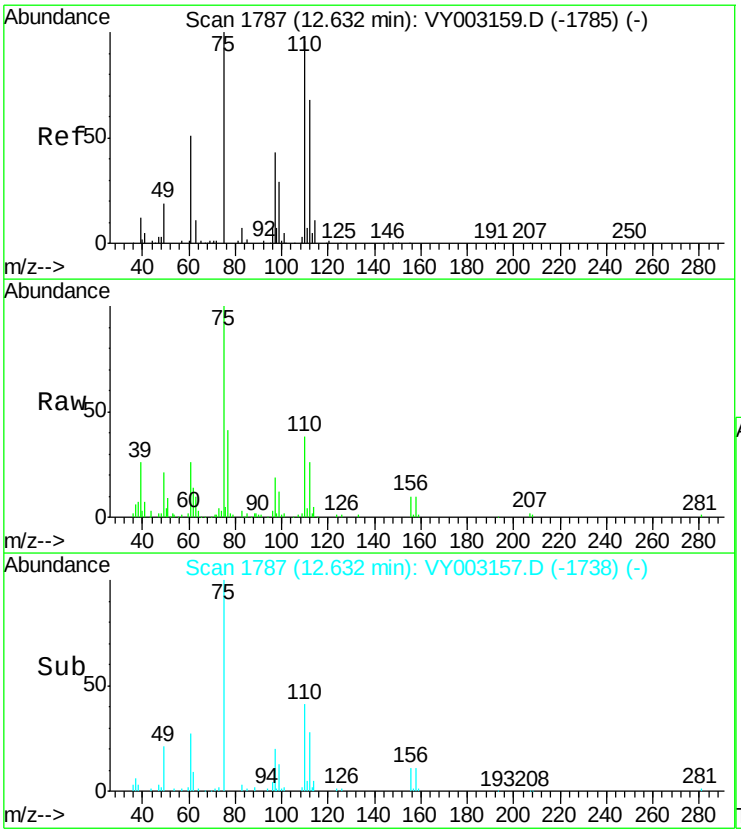

#75
1,1,2,2-Tetrachloroethane
Concen: 9.572 ug/l
RT: 12.58 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion: 83 Resp: 42677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 12.0 | 5.2 | 15.6 |
| 85 | 64.1 | 32.0 | 96.0 |

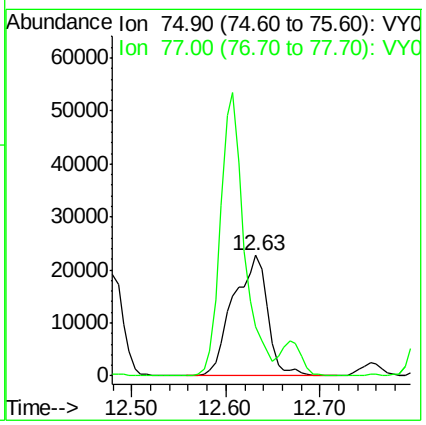


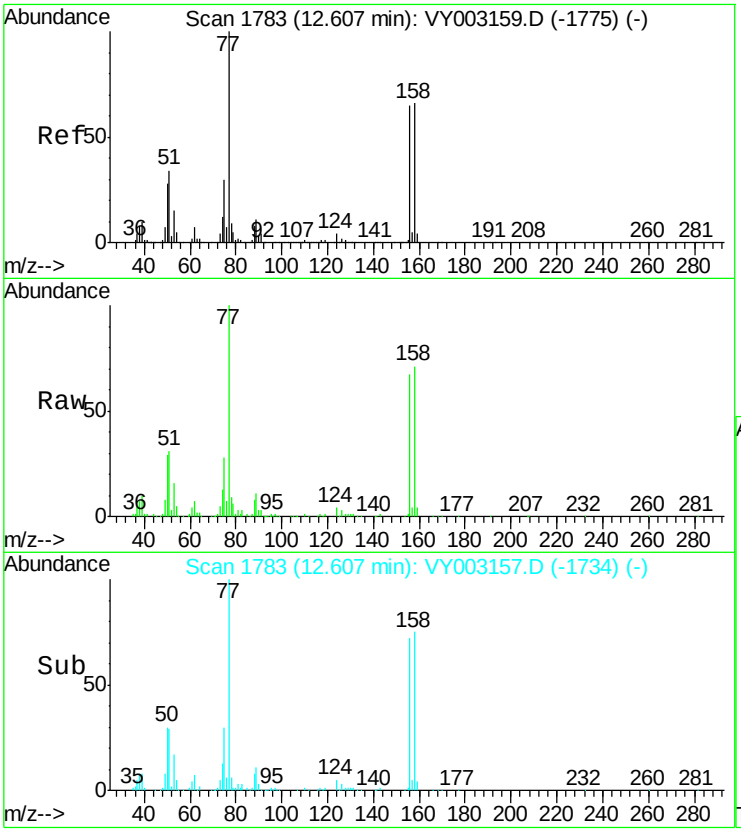




#76
1,2,3-Trichloropropane
Concen: 17.647 ug/l
RT: 12.63 min Scan# 1787
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 75 Resp: 58389

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



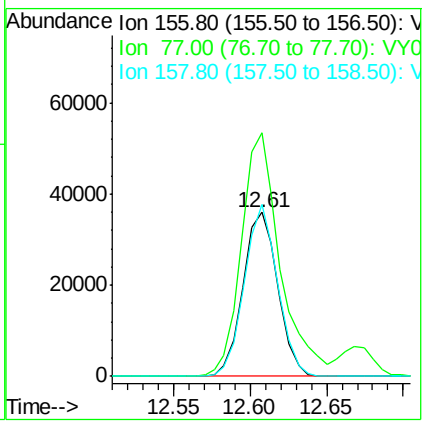


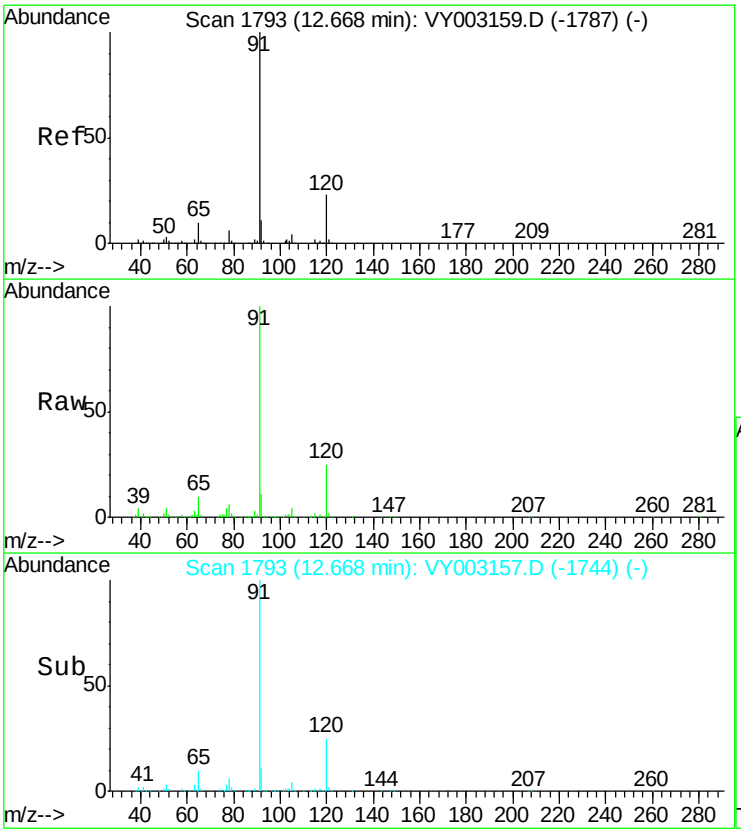

#77
Bromobenzene
Concen: 9.939 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion:156 Resp: 56699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 165.6 | 86.6 | 259.7 |
| 158 | 99.9 | 49.4 | 148.0 |

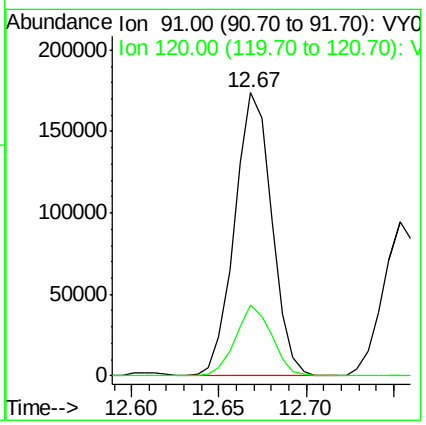


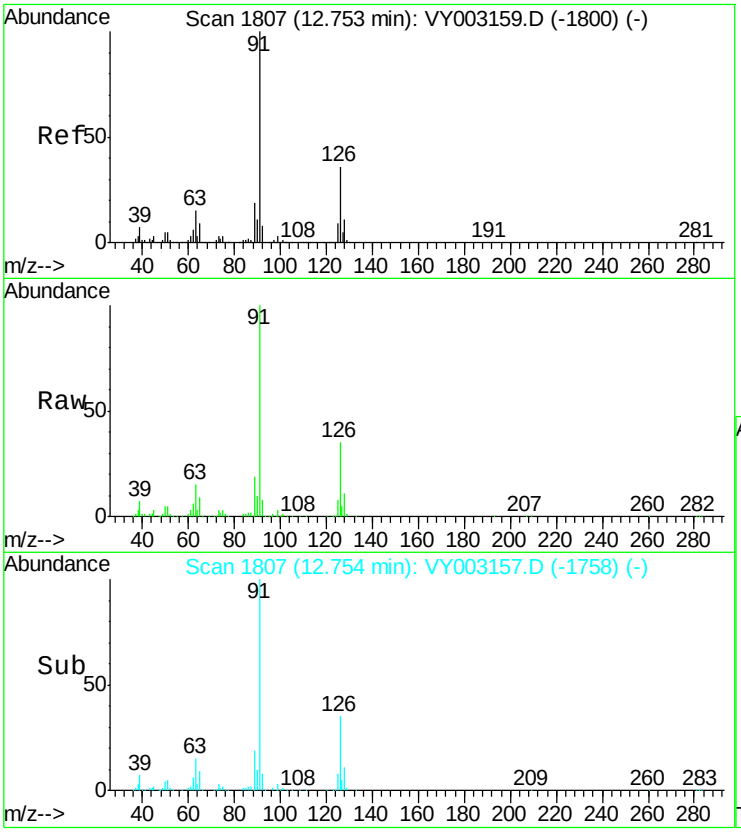




#78
n-propylbenzene
Concen: 9.615 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 91 Resp: 256965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 24.3 | 11.7 | 35.1 |



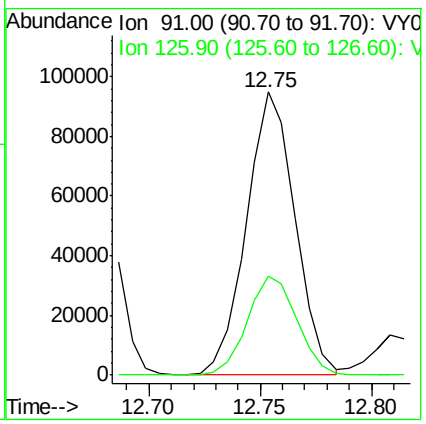


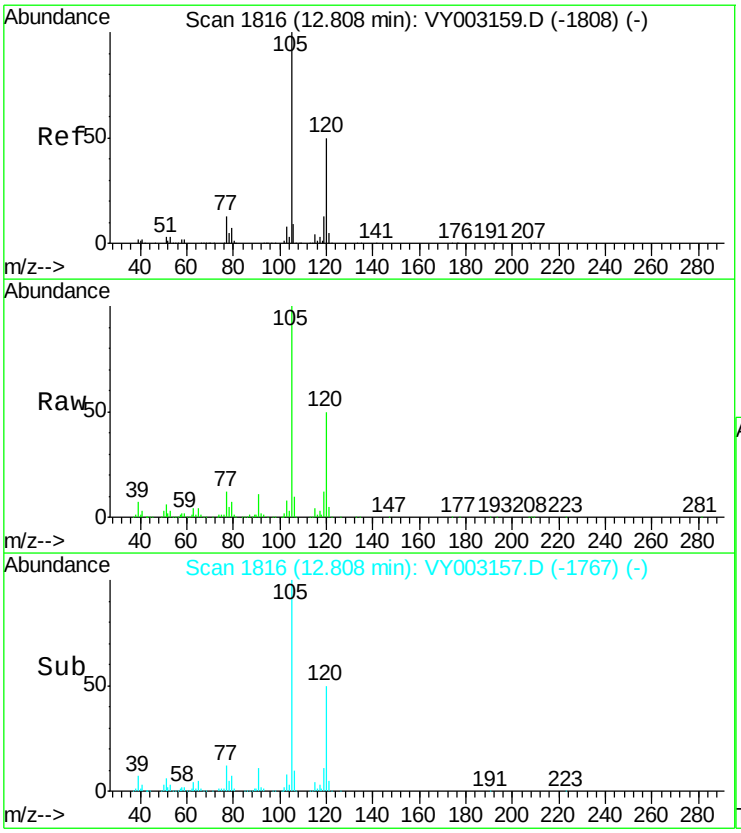

#79
2-Chlorotoluene
Concen: 9.629 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC010

Tgt Ion: 91 Resp: 143592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.8 | 17.6 | 52.9 |

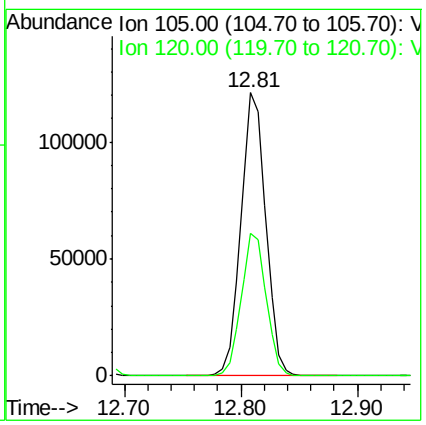


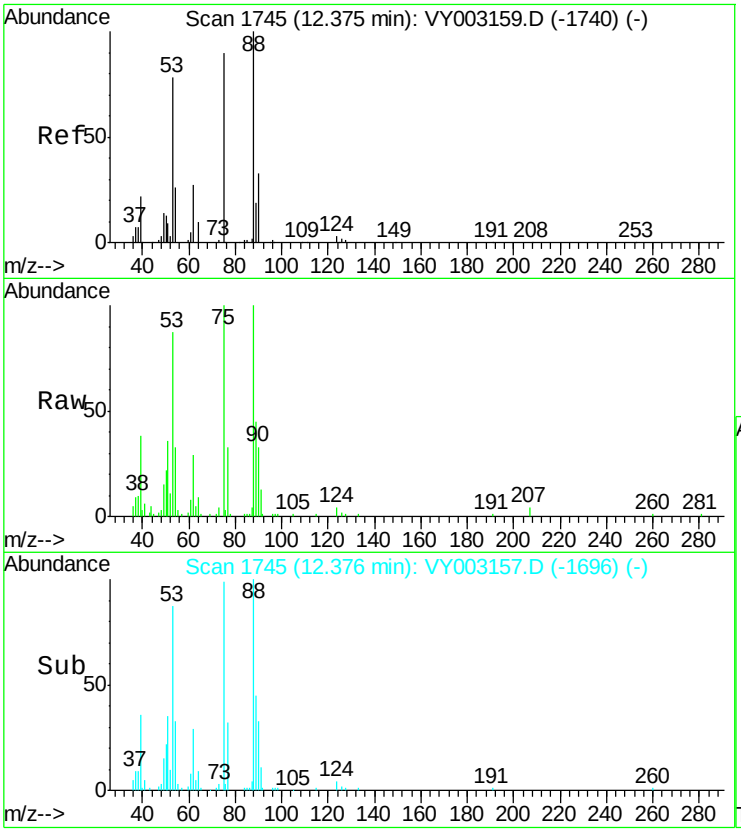




#80
1,3,5-Trimethylbenzene
Concen: 9.701 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion:105 Resp: 181124

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



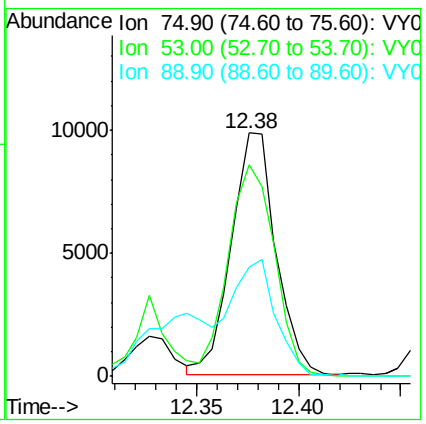


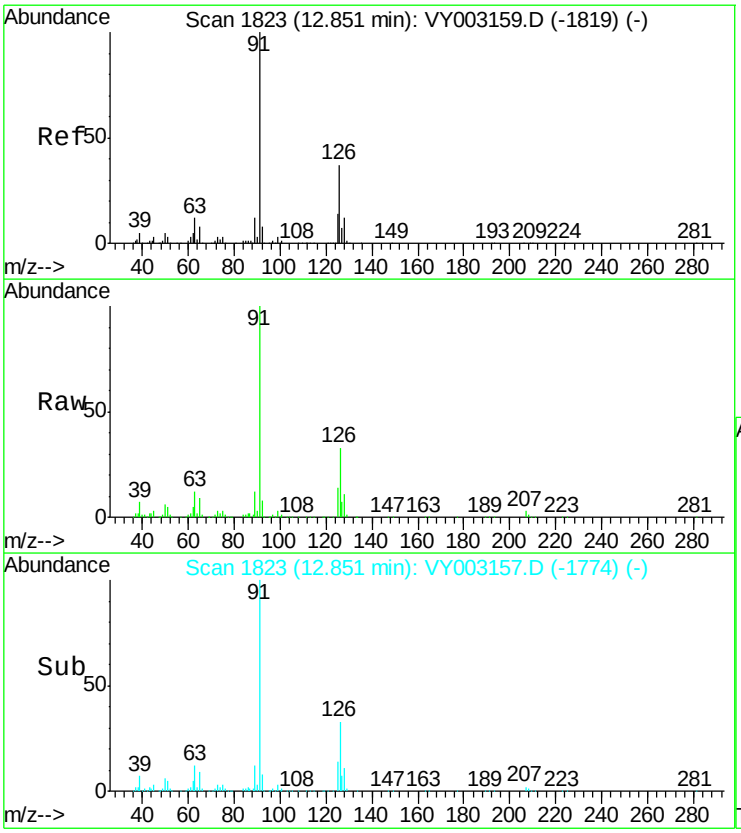

#81
trans-1,4-Dichloro-2-butene
Concen: 8.772 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion: 75 Resp: 14934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 90.7 | 72.0 | 108.0 |
| 89 | 49.1 | 37.3 | 55.9 |

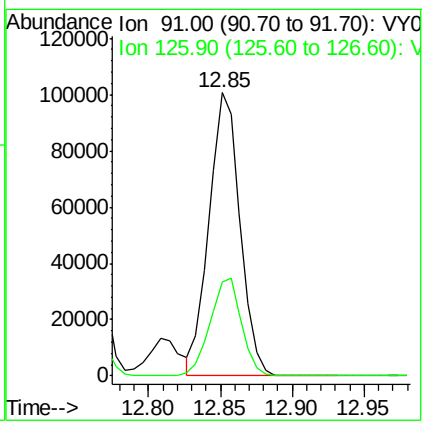


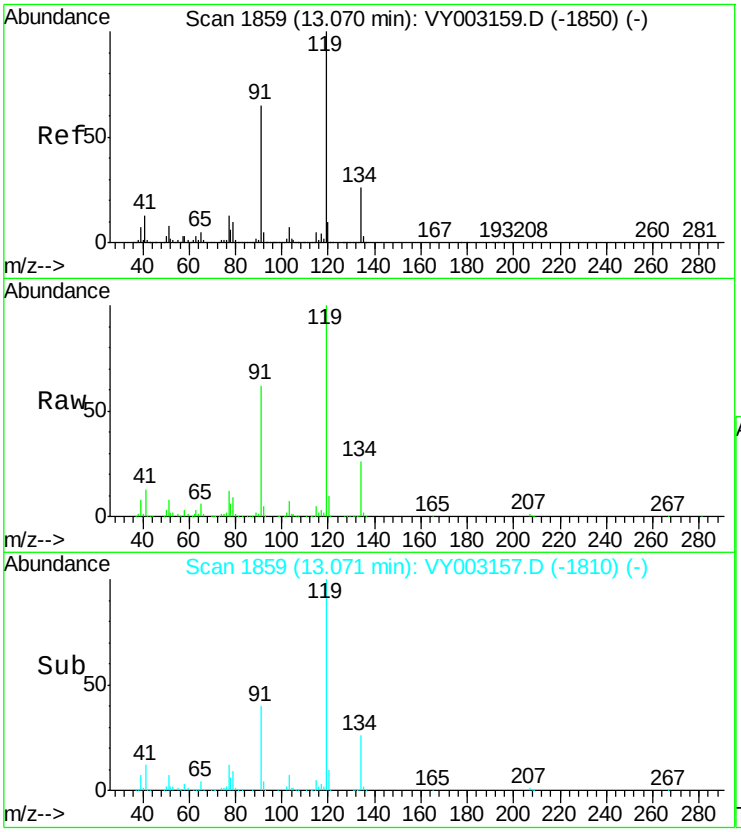




#82
4-Chlorotoluene
Concen: 9.738 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 91 Resp: 151112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.1 | 17.9 | 53.7 |



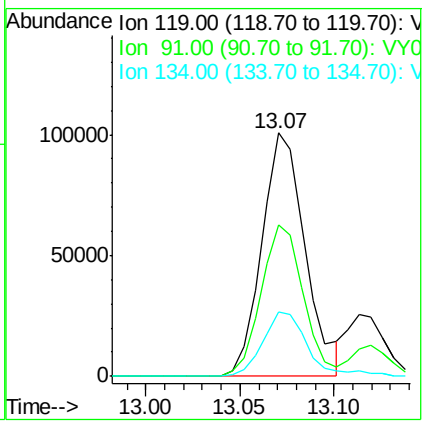


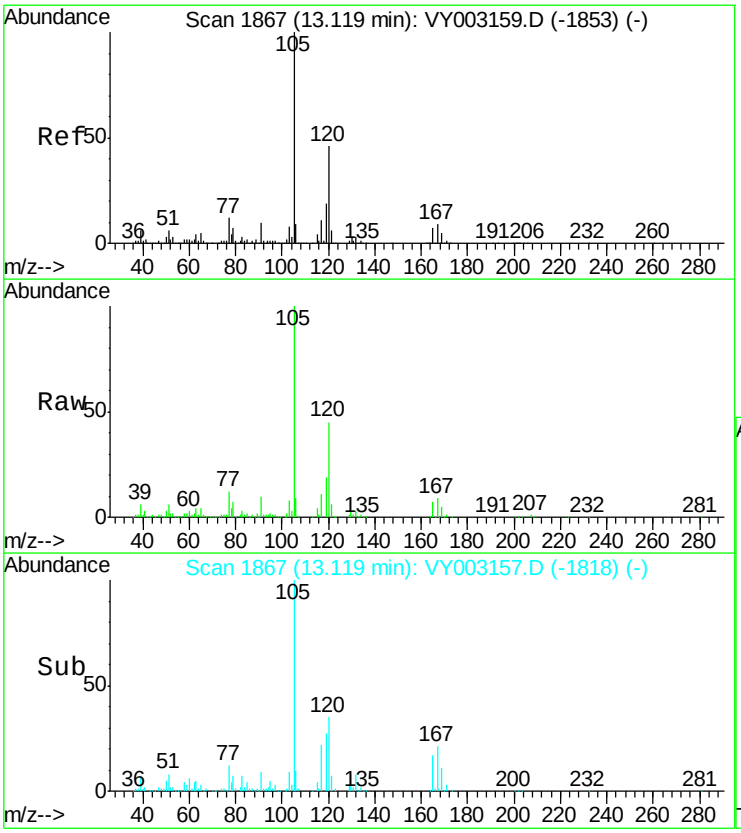

#83
tert-Butylbenzene
Concen: 9.798 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC010

Tgt Ion:119 Resp: 160797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 60.7 | 30.8 | 92.4 |
| 134 | 27.2 | 13.2 | 39.6 |

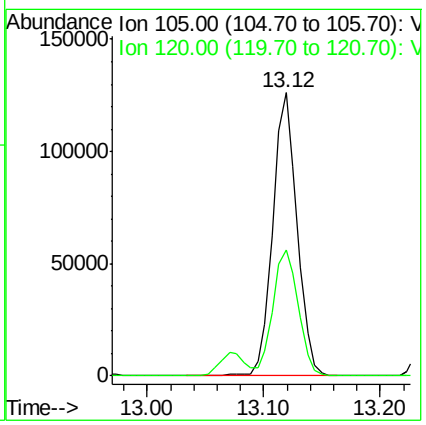


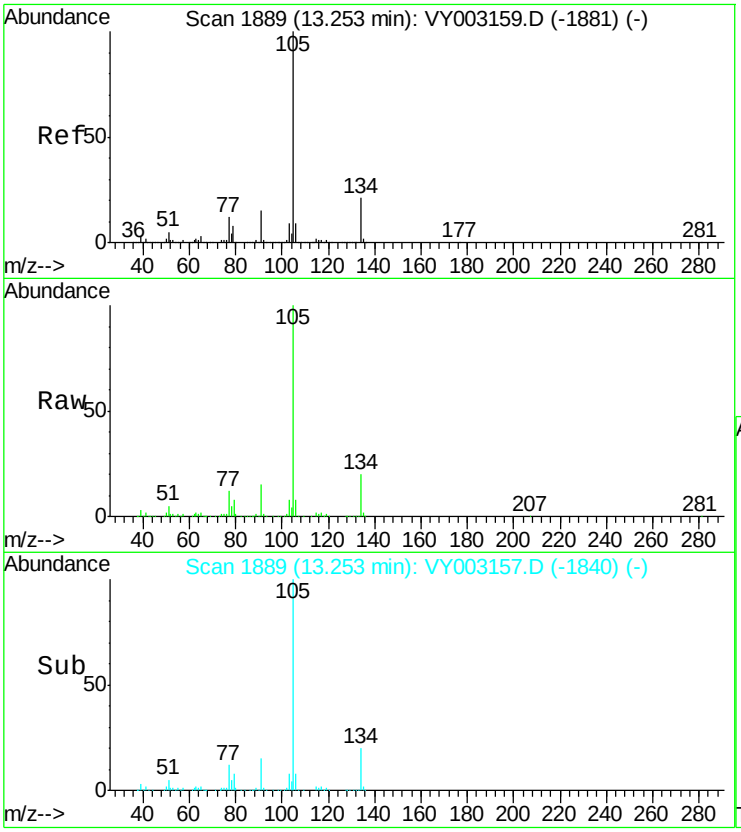




#84
1,2,4-Trimethylbenzene
Concen: 9.675 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion:105 Resp: 182081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.9 | 22.5 | 67.5 |



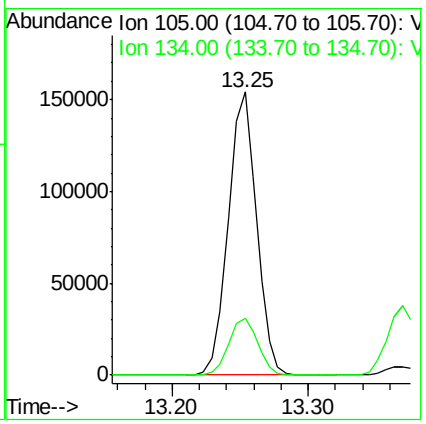


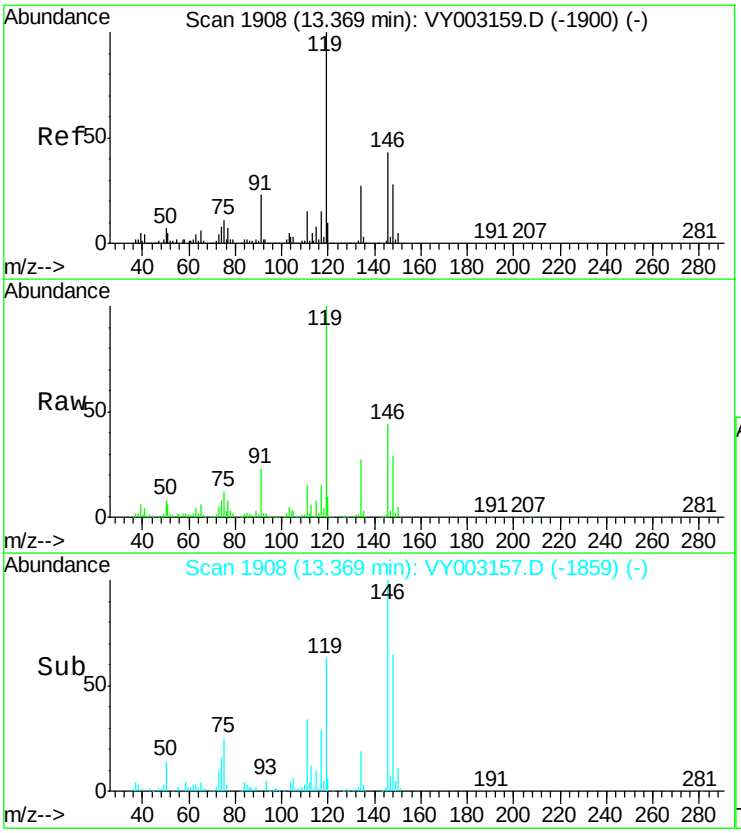

#85
sec-Butylbenzene
Concen: 9.842 ug/l
RT: 13.25 min Scan# 1889
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC010

Tgt Ion:105 Resp: 222368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.7 | 10.4 | 31.4 |

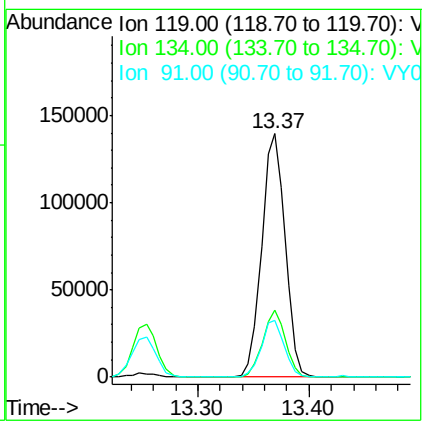


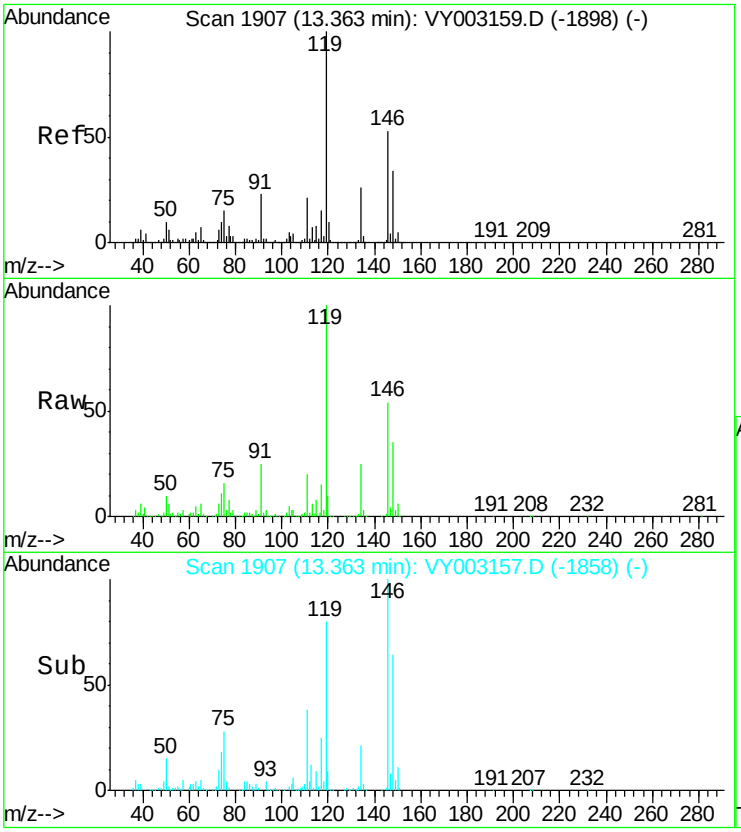




#86
p-Isopropyltoluene
Concen: 9.809 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion:119 Resp: 205605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.5 | 13.4 | 40.2 |
| 91 | 23.1 | 11.2 | 33.6 |



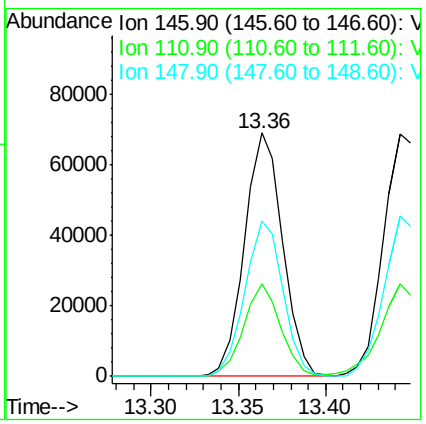


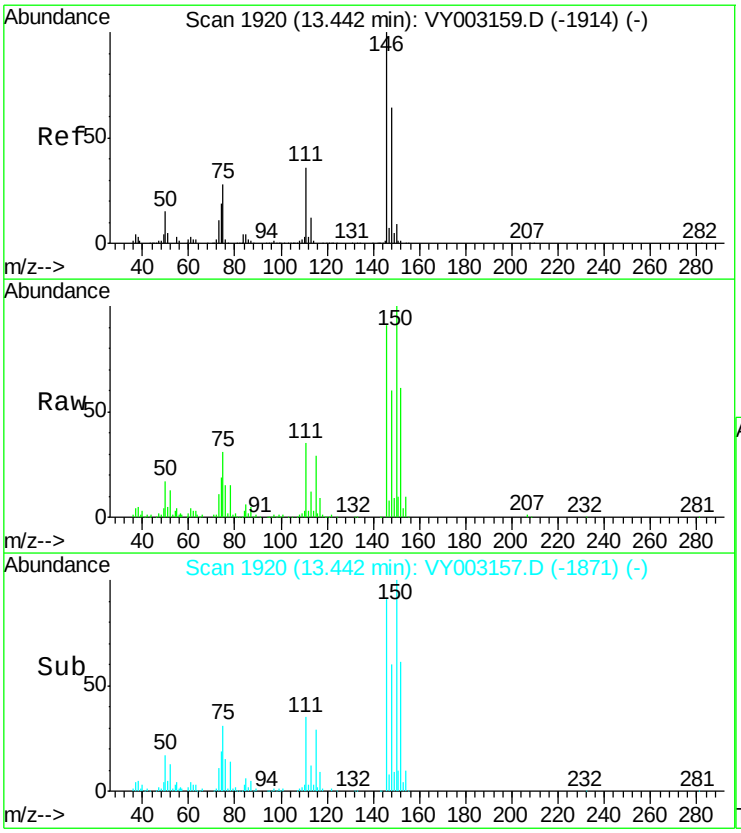

#87
1,3-Dichlorobenzene
Concen: 9.913 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion:146 Resp: 105605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 36.4 | 18.8 | 56.3 |
| 148 | 63.5 | 32.3 | 96.9 |

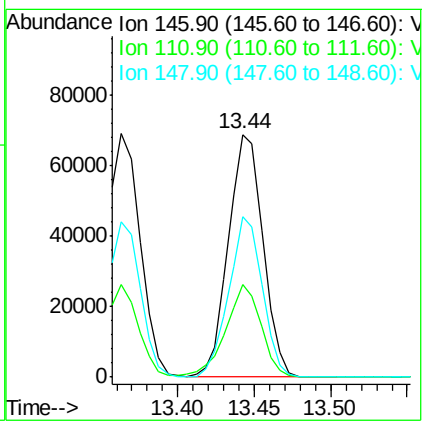


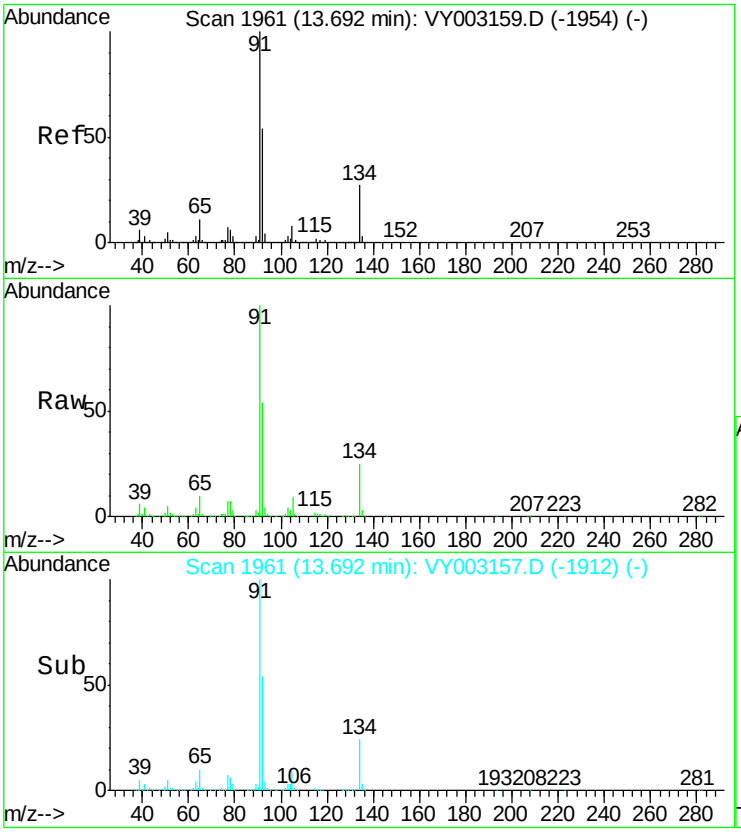




#88
1,4-Dichlorobenzene
Concen: 10.293 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion:146 Resp: 108103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.5 | 18.4 | 55.0 |
| 148 | 64.3 | 32.0 | 96.0 |



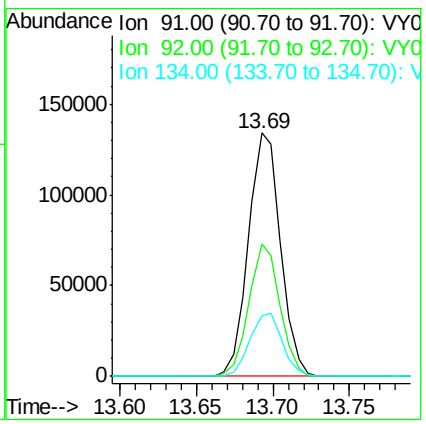


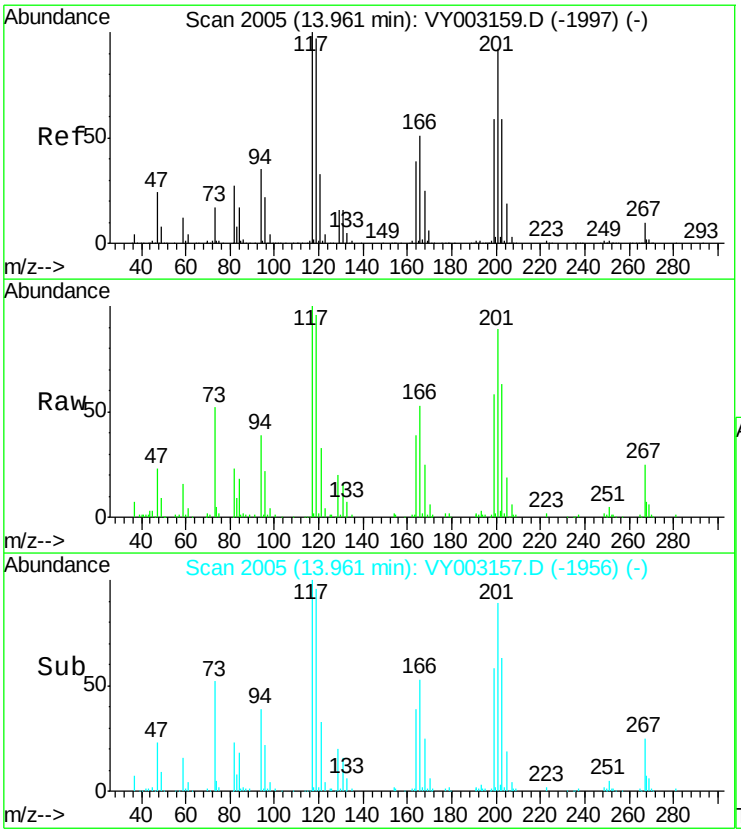

#89
n-Butylbenzene
Concen: 9.796 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC010

Tgt Ion: 91 Resp: 195933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.3 | 26.9 | 80.7 |
| 134 | 26.2 | 13.6 | 40.7 |

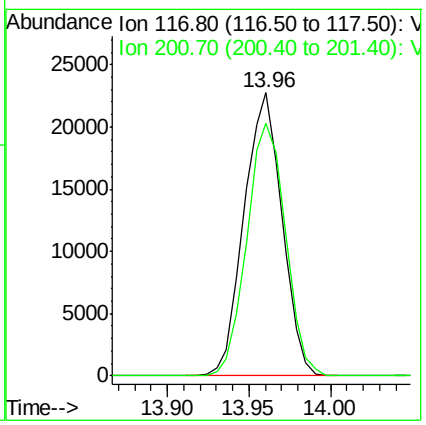


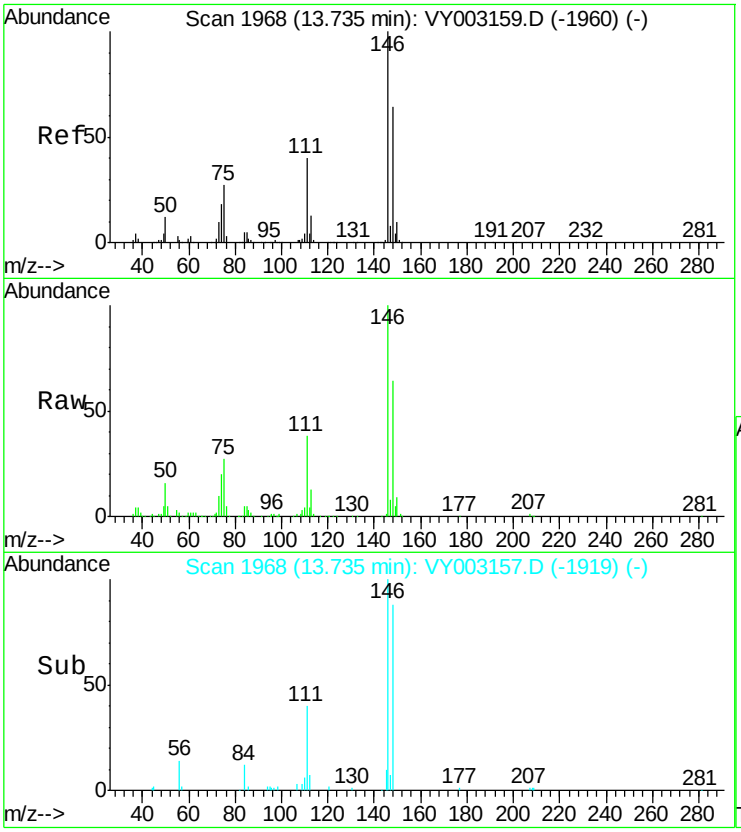




#90
Hexachloroethane
Concen: 8.956 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion:117 Resp: 36874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 90.6 | 45.1 | 135.3 |



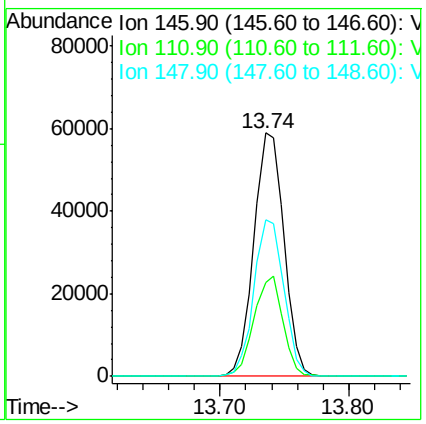


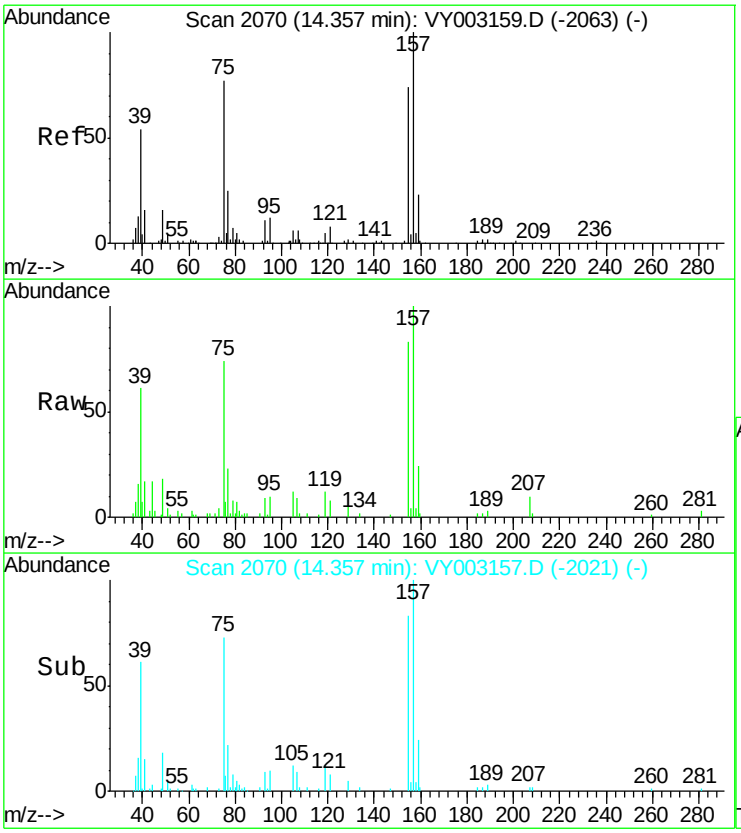

#91
1,2-Dichlorobenzene
Concen: 9.977 ug/l
RT: 13.74 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion:146 Resp: 94949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.6 | 19.6 | 58.8 |
| 148 | 63.9 | 32.4 | 97.0 |

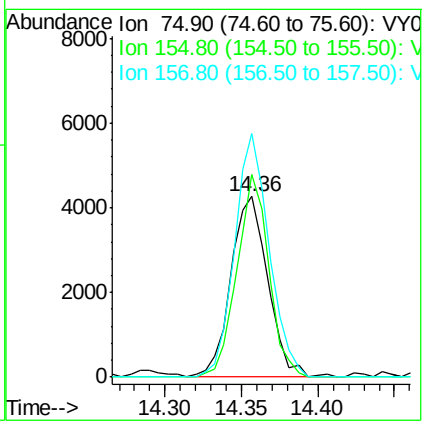


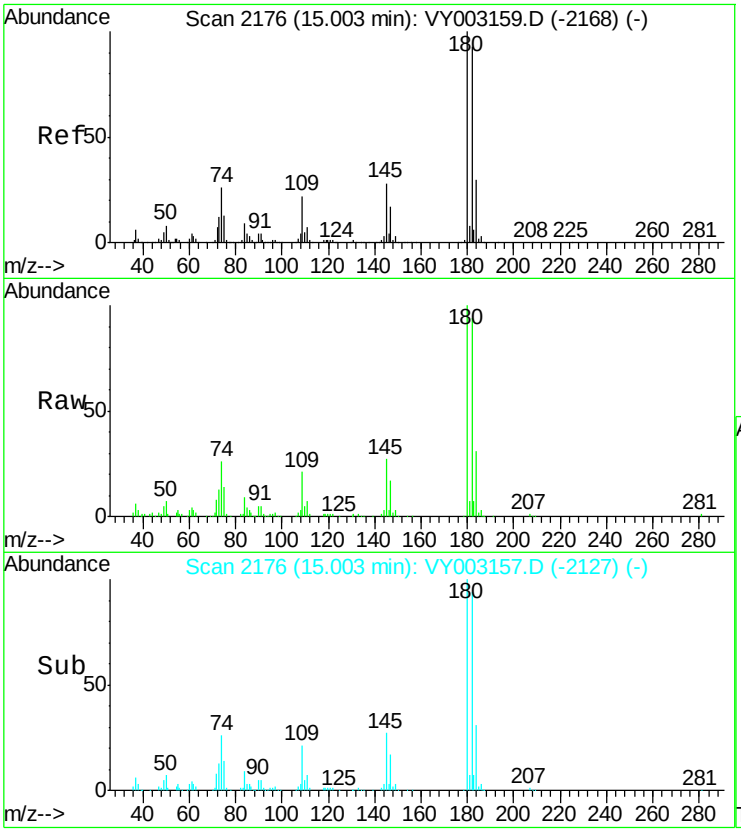




#92
1,2-Dibromo-3-Chloropropane
Concen: 9.243 ug/l
RT: 14.36 min Scan# 2070
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion: 75 Resp: 7134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 96.3 | 48.1 | 144.3 |
| 157 | 125.8 | 61.9 | 185.6 |



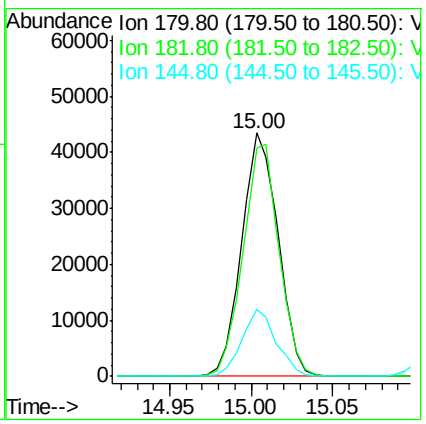


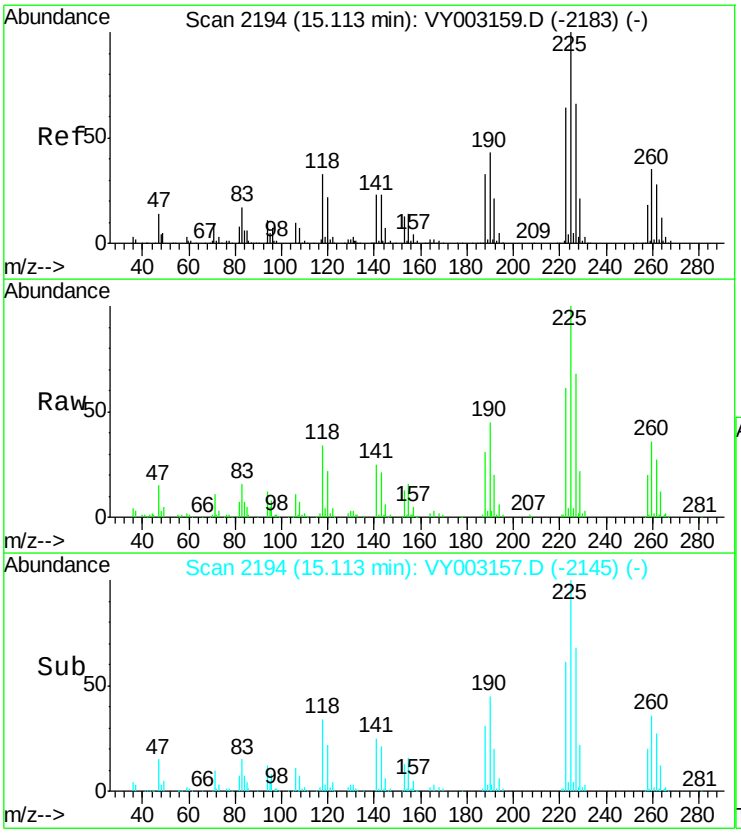

#93
1,2,4-Trichlorobenzene
Concen: 9.646 ug/l
RT: 15.00 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion:180 Resp: 67755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.4 | 47.3 | 142.0 |
| 145 | 26.1 | 13.7 | 41.1 |

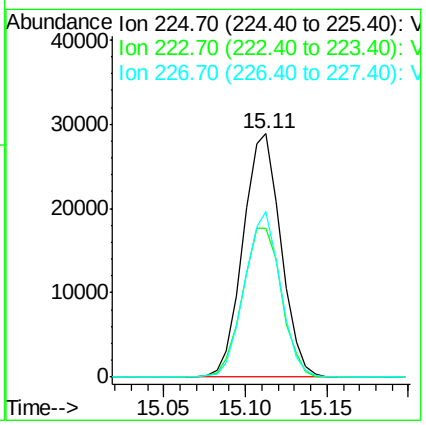


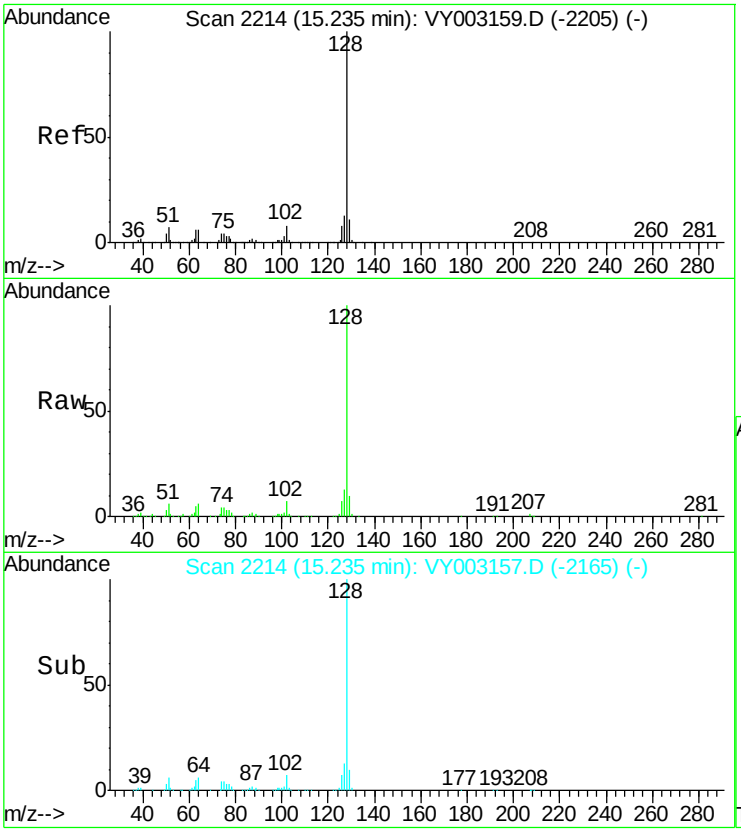




#94
Hexachlorobutadiene
Concen: 10.415 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion:225 Resp: 46693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.2 | 31.6 | 94.7 |
| 227 | 64.2 | 32.3 | 96.8 |



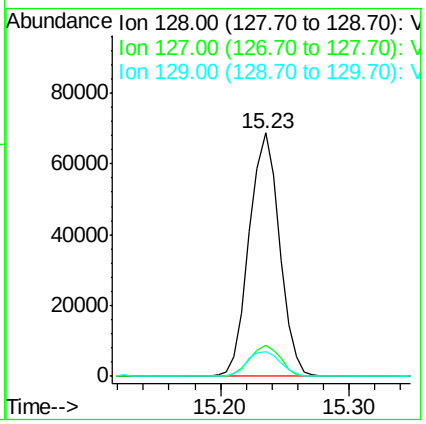


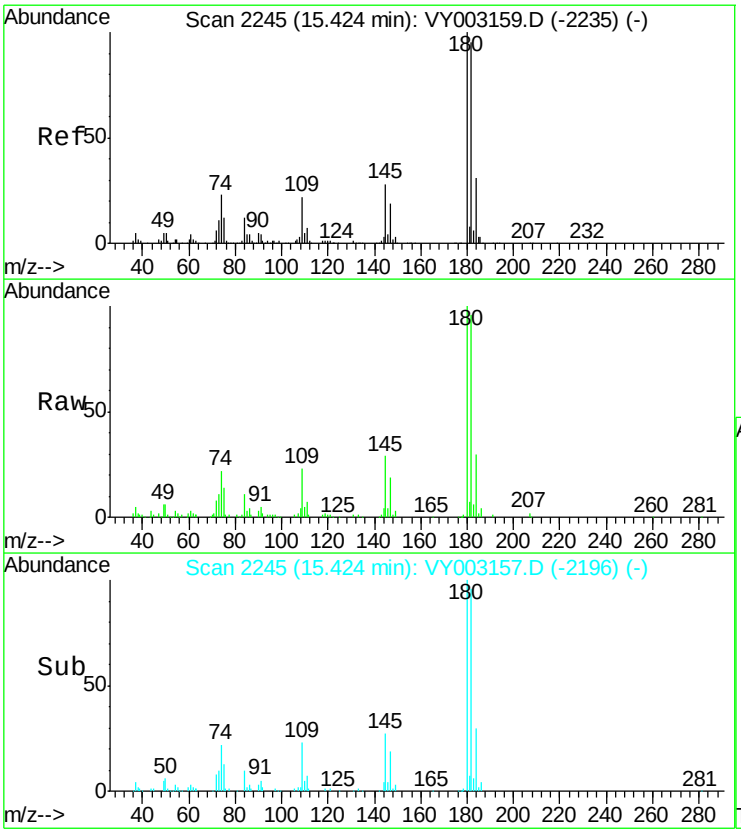

#95
Naphthalene
Concen: 8.871 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC010

Tgt Ion:128 Resp: 111607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.1 | 10.9 | 16.3 |
| 129 | 11.2 | 9.0 | 13.6 |




#96
1,2,3-Trichlorobenzene
Concen: 8.976 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003157.D
Acq: 10 Jul 2020 11:30

Tgt Ion:180 Resp: 53778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.2 | 48.8 | 146.3 |
| 145 | 28.5 | 14.9 | 44.5 |