Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092619\
Data File : VY000144.D
Acq On : 26 Sep 2019 11:12
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 26 14:03:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 26 14:00:10 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.79 | 168 | 202197 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.69 | 114 | 335131 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.49 | 117 | 291940 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152 | 138903 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.14 | 65 | 34919 | 19.72 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 39.44% | | | |
| 35) Dibromofluoromethane | 7.72 | 113 | 35951 | 20.48 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 40.96% | | | |
| 50) Toluene-d8 | 10.18 | 98 | 137029 | 18.45 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 36.90% | | | |
| 62) 4-Bromofluorobenzene | 12.48 | 95 | 55895 | 20.65 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 41.30% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.90 | 85 | 34809 | 21.657 | ug/l | 91 |
| 3) Chloromethane | 2.11 | 50 | 44756 | 19.082 | ug/l | 92 |
| 4) Vinyl Chloride | 2.24 | 62 | 52106 | 20.678 | ug/l | 98 |
| 5) Bromomethane | 2.62 | 94 | 34210 | 20.134 | ug/l | 96 |
| 6) Chloroethane | 2.77 | 64 | 31688 | 20.257 | ug/l | 97 |
| 7) Trichlorofluoromethane | 3.11 | 101 | 61610 | 20.284 | ug/l | 97 |
| 8) Diethyl Ether | 3.52 | 74 | 24289 | 20.058 | ug/l | 97 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.90 | 101 | 38747 | 19.543 | ug/l | 99 |
| 10) Methyl Iodide | 4.08 | 142 | 59461 | 19.451 | ug/l | 99 |
| 11) Tert butyl alcohol | 4.96 | 59 | 16001 | 90.447 | ug/l | 96 |
| 12) 1,1-Dichloroethene | 3.86 | 96 | 41452 | 19.937 | ug/l | 93 |
| 13) Acrolein | 3.73 | 56 | 20015 | 91.101 | ug/l | 100 |
| 14) Allyl chloride | 4.47 | 41 | 52305 | 20.103 | ug/l | 98 |
| 15) Acrylonitrile | 5.17 | 53 | 51200 | 92.968 | ug/l | 95 |
| 16) Acetone | 3.95 | 43 | 37154 | 85.631 | ug/l | 91 |
| 17) Carbon Disulfide | 4.18 | 76 | 129017 | 20.005 | ug/l | 98 |
| 18) Methyl Acetate | 4.47 | 43 | 24284 | 18.911 | ug/l | 97 |
| 19) Methyl tert-butyl Ether | 5.22 | 73 | 93369 | 18.969 | ug/l | 95 |
| 20) Methylene Chloride | 4.72 | 84 | 50054 | 19.975 | ug/l | 93 |
| 21) trans-1,2-Dichloroethene | 5.21 | 96 | 46081 | 19.892 | ug/l | 91 |
| 22) Diisopropyl ether | 6.12 | 45 | 106974 | 19.564 | ug/l | 97 |
| 23) Vinyl Acetate | 6.07 | 43 | 309971 | 90.457 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 6.02 | 63 | 65146 | 19.682 | ug/l | 99 |
| 25) 2-Butanone | 6.99 | 43 | 58144 | 85.530 | ug/l | 96 |
| 26) 2,2-Dichloropropane | 6.99 | 77 | 57662 | 19.159 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 6.99 | 96 | 50119 | 19.468 | ug/l | 96 |
| 28) Bromochloromethane | 7.34 | 49 | 22709 | 18.008 | ug/l | 100 |
| 29) Tetrahydrofuran | 7.35 | 42 | 38167 | 91.073 | ug/l | 99 |
| 30) Chloroform | 7.51 | 83 | 66796 | 19.281 | ug/l | 97 |
| 31) Cyclohexane | 7.78 | 56 | 66298 | 19.374 | ug/l | 91 |
| 32) 1,1,1-Trichloroethane | 7.71 | 97 | 58446 | 19.241 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 7.92 | 75 | 53822 | 19.326 | ug/l | 98 |
| 37) Ethyl Acetate | 7.08 | 43 | 25971 | 17.653 | ug/l # | 93 |
| 38) Carbon Tetrachloride | 7.90 | 117 | 53262 | 19.590 | ug/l # | 94 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092619\
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Acq On : 26 Sep 2019 11:12
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 26 14:03:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 26 14:00:10 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.19 | 83 | 77134 | 19.527 ug/l | | 92 |
| 40) Benzene | 8.16 | 78 | 175179 | 19.912 ug/l | | 98 |
| 41) Methacrylonitrile | 7.35 | 41 | 33753 | 42.313 ug/l | # | 100 |
| 42) 1,2-Dichloroethane | 8.24 | 62 | 40432 | 18.889 ug/l | | 97 |
| 43) Isopropyl Acetate | 8.28 | 43 | 48317 | 17.779 ug/l | | 98 |
| 44) Trichloroethene | 8.94 | 130 | 55765 | 19.836 ug/l | | 95 |
| 45) 1,2-Dichloropropane | 9.22 | 63 | 39003 | 20.097 ug/l | | 96 |
| 46) Dibromomethane | 9.31 | 93 | 22305 | 18.832 ug/l | | 98 |
| 47) Bromodichloromethane | 9.50 | 83 | 52060 | 19.500 ug/l | | 99 |
| 48) Methyl methacrylate | 9.30 | 41 | 20556 | 16.892 ug/l | | 96 |
| 49) 1,4-Dioxane | 9.30 | 88 | 6374 | 348.337 ug/l | | 95 |
| 51) 4-Methyl-2-Pentanone | 10.07 | 43 | 123330 | 87.433 ug/l | | 98 |
| 52) Toluene | 10.24 | 92 | 114487 | 20.094 ug/l | | 96 |
| 53) t-1,3-Dichloropropene | 10.47 | 75 | 54488 | 19.430 ug/l | | 95 |
| 54) cis-1,3-Dichloropropene | 9.93 | 75 | 66201 | 19.920 ug/l | | 97 |
| 55) 1,1,2-Trichloroethane | 10.64 | 97 | 32697 | 18.566 ug/l | | 93 |
| 56) Ethyl methacrylate | 10.51 | 69 | 41613 | 18.165 ug/l | | 98 |
| 57) 1,3-Dichloropropane | 10.79 | 76 | 54927 | 19.409 ug/l | | 98 |
| 58) 2-Chloroethyl Vinyl ether | 9.78 | 63 | 101062 | 93.926 ug/l | | 100 |
| 59) 2-Hexanone | 10.83 | 43 | 86745 | 86.525 ug/l | | 98 |
| 60) Dibromochloromethane | 10.99 | 129 | 38020 | 19.098 ug/l | | 97 |
| 61) 1,2-Dibromoethane | 11.09 | 107 | 32913 | 19.585 ug/l | | 99 |
| 64) Tetrachloroethene | 10.72 | 164 | 56609 | 19.574 ug/l | | 96 |
| 65) Chlorobenzene | 11.52 | 112 | 117145 | 19.282 ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 11.59 | 131 | 41058 | 20.000 ug/l | | 99 |
| 67) Ethyl Benzene | 11.59 | 91 | 201532 | 19.406 ug/l | | 98 |
| 68) m/p-Xylenes | 11.70 | 106 | 167271 | 39.843 ug/l | | 99 |
| 69) o-Xylene | 12.03 | 106 | 76420 | 19.086 ug/l | | 98 |
| 70) Styrene | 12.04 | 104 | 130419 | 19.247 ug/l | | 99 |
| 71) Bromoform | 12.21 | 173 | 21396 | 17.736 ug/l | # | 96 |
| 73) Isopropylbenzene | 12.33 | 105 | 196786 | 19.636 ug/l | | 99 |
| 74) N-amyl acetate | 12.14 | 43 | 43741 | 18.031 ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 12.58 | 83 | 27983 | 17.938 ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 12.63 | 75 | 45737 | 33.429 ug/l | # | 100 |
| 77) Bromobenzene | 12.60 | 156 | 48971 | 19.780 ug/l | | 97 |
| 78) n-propylbenzene | 12.67 | 91 | 236663 | 19.810 ug/l | | 100 |
| 79) 2-Chlorotoluene | 12.75 | 91 | 129620 | 19.941 ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 12.81 | 105 | 164092 | 19.683 ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75 | 12595 | 17.955 ug/l | | 95 |
| 82) 4-Chlorotoluene | 12.85 | 91 | 134610 | 19.875 ug/l | | 95 |
| 83) tert-Butylbenzene | 13.07 | 119 | 143271 | 19.957 ug/l | | 100 |
| 84) 1,2,4-Trimethylbenzene | 13.11 | 105 | 166999 | 19.822 ug/l | | 97 |
| 85) sec-Butylbenzene | 13.25 | 105 | 202985 | 19.693 ug/l | | 99 |
| 86) p-Isopropyltoluene | 13.36 | 119 | 182504 | 19.883 ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 13.36 | 146 | 94323 | 19.884 ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 13.44 | 146 | 92516 | 19.592 ug/l | | 99 |
| 89) n-Butylbenzene | 13.69 | 91 | 173140 | 19.849 ug/l | | 98 |
| 90) Hexachloroethane | 13.95 | 117 | 33331 | 19.221 ug/l | | 100 |
| 91) 1,2-Dichlorobenzene | 13.73 | 146 | 82637 | 19.066 ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75 | 5238 | 17.018 ug/l | | 92 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092619\
Data File : VY000144.D
Acq On : 26 Sep 2019 11:12
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 26 14:03:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 26 14:00:10 2019
Response via : Initial Calibration

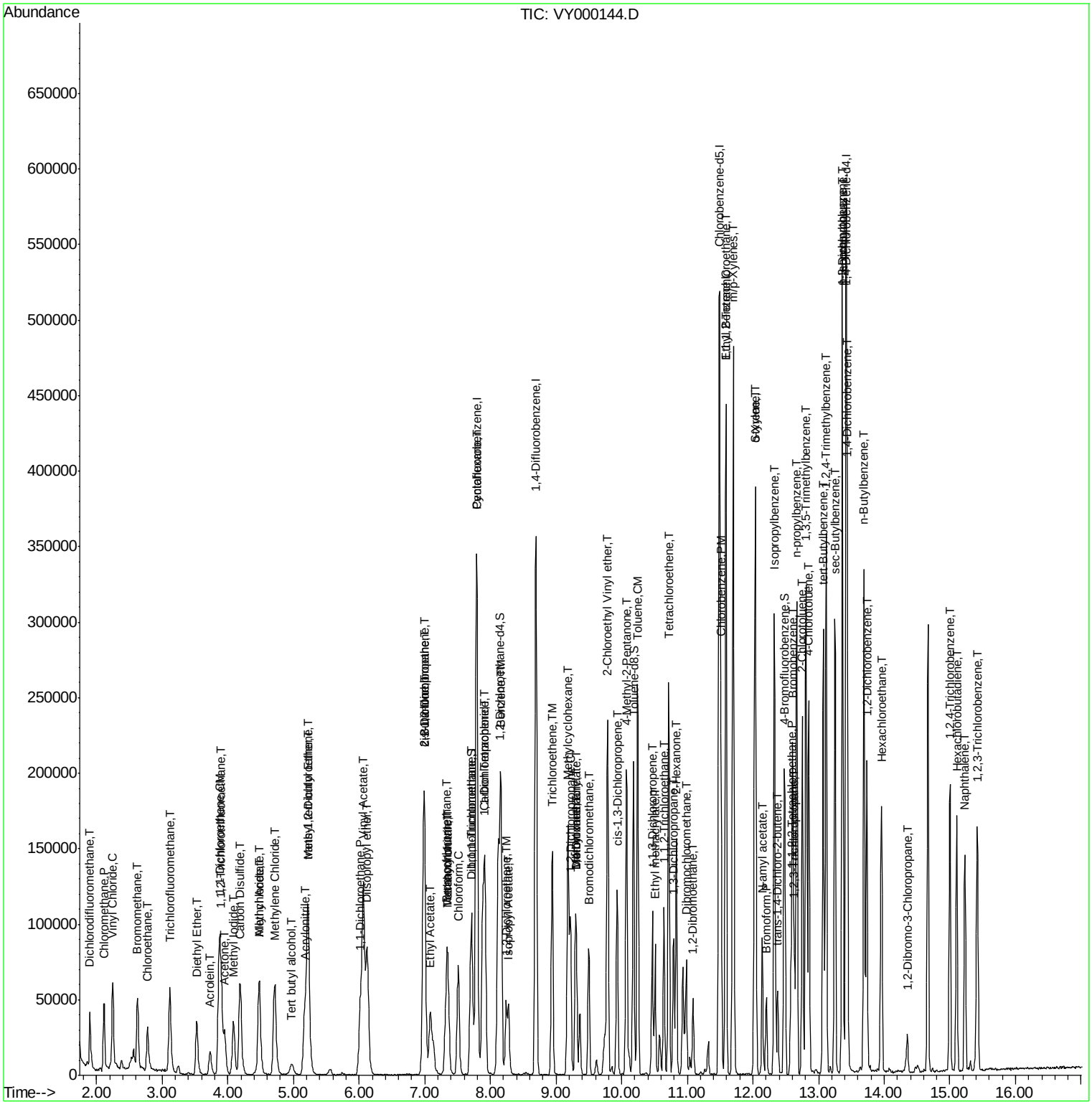
| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.00 | 180 | 59437 | 19.765 ug/l | 99 |
| 94) Hexachlorobutadiene | 15.11 | 225 | 28280 | 19.274 ug/l | 96 |
| 95) Naphthalene | 15.23 | 128 | 121370 | 18.025 ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180 | 51923 | 19.252 ug/l | 99 |

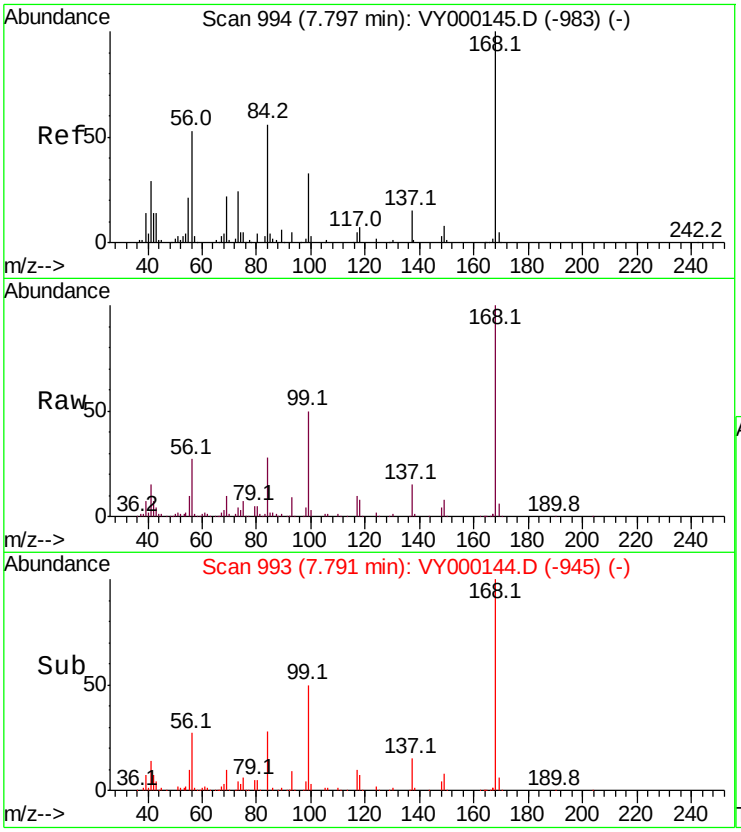
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092619\
Data File : VY000144.D
Acq On : 26 Sep 2019 11:12
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 26 14:03:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 26 14:00:10 2019
Response via : Initial Calibration



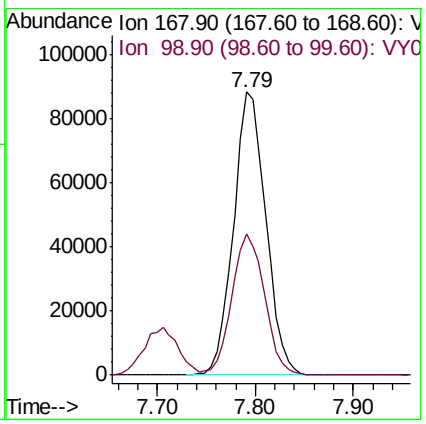


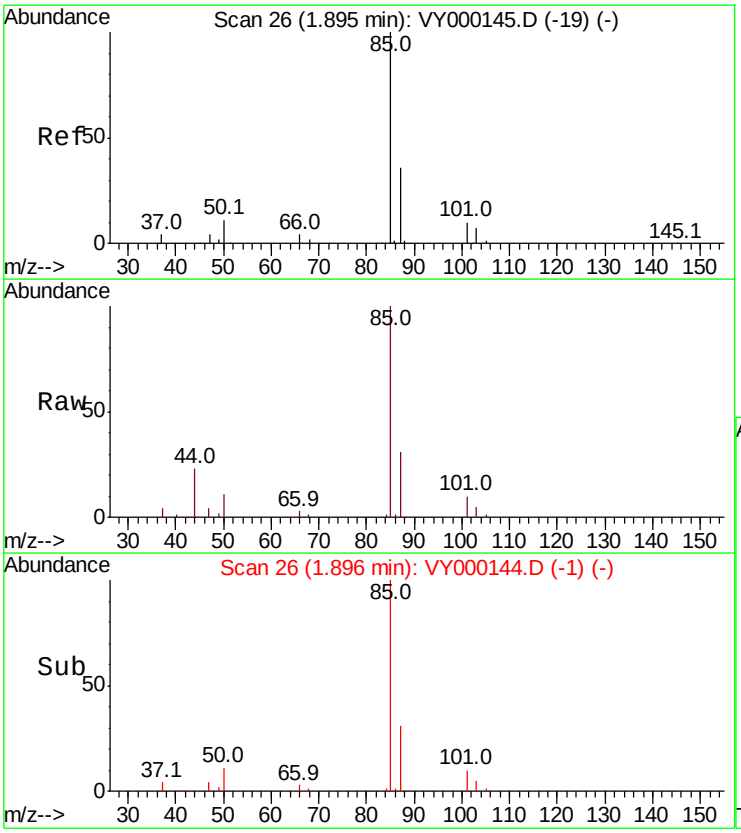

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion:168 Resp: 202197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 50.0 | 37.9 | 56.9 |

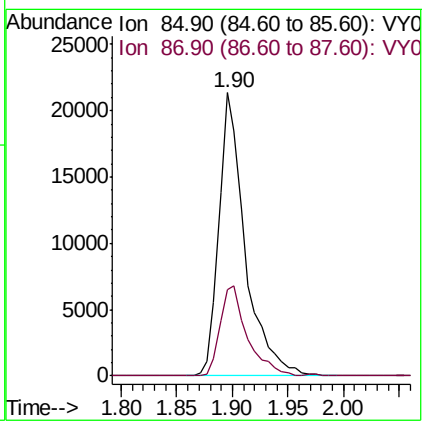


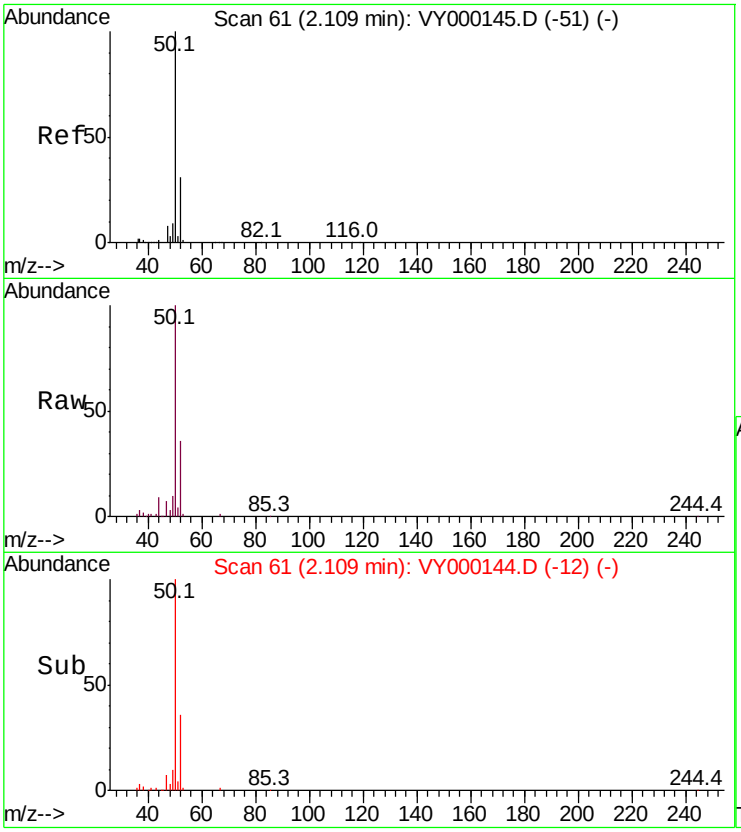




#2
Dichlorodifluoromethane
Concen: 21.657 ug/l
RT: 1.90 min Scan# 26
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 85 Resp: 34809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 30.7 | 17.9 | 53.8 |



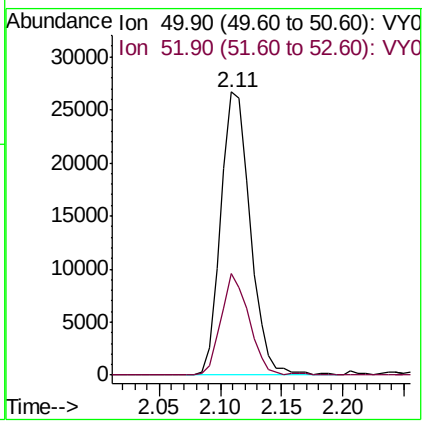


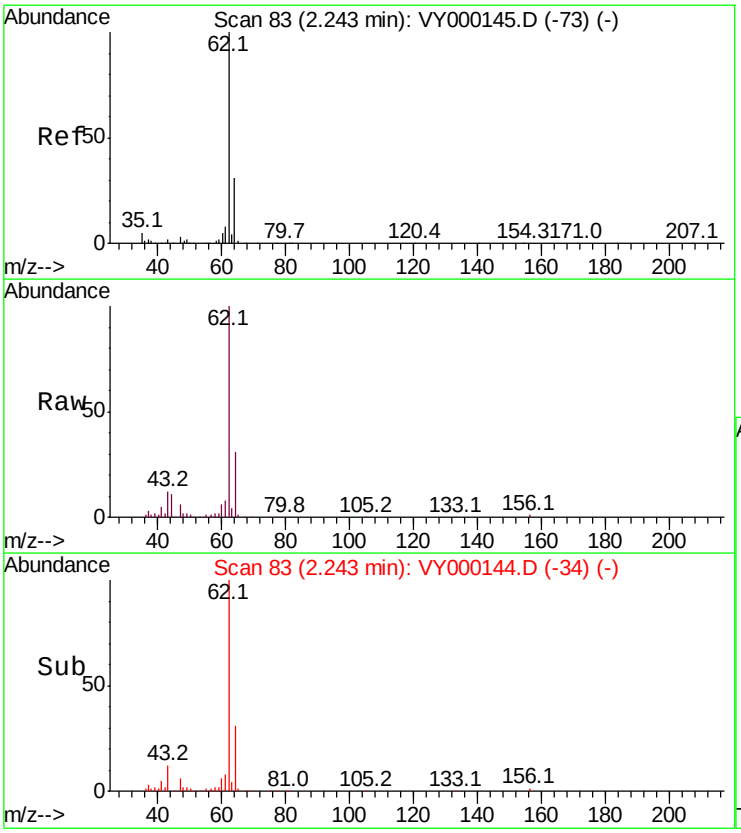

#3
Chloromethane
Concen: 19.082 ug/l
RT: 2.11 min Scan# 61
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 50 Resp: 44756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 35.8 | 25.0 | 37.6 |

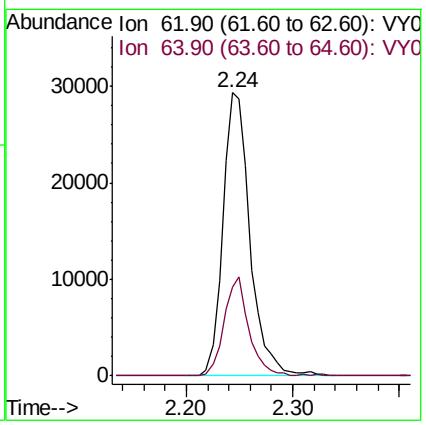


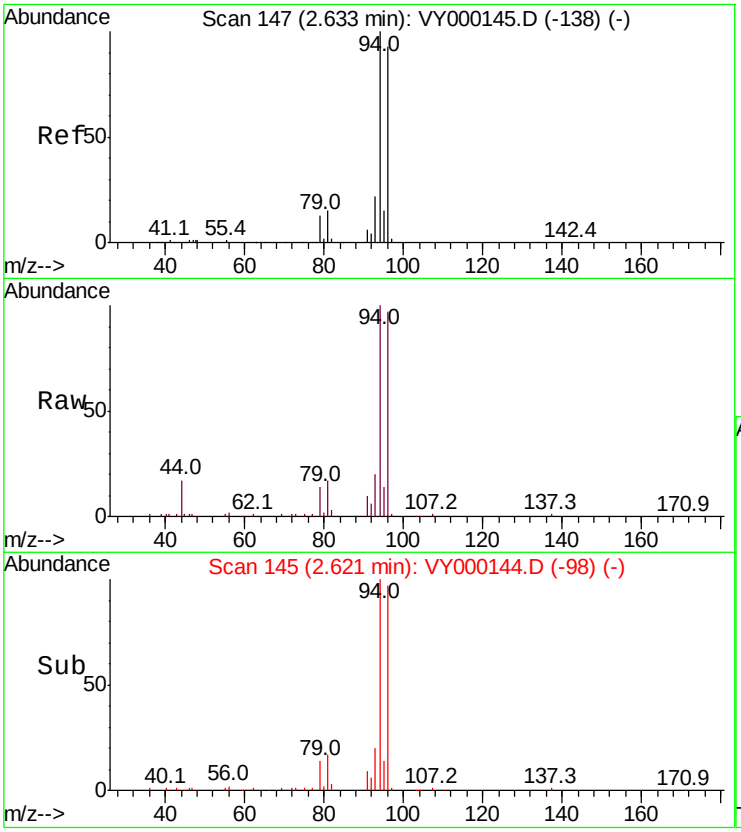




#4
Vinyl Chloride
Concen: 20.678 ug/l
RT: 2.24 min Scan# 83
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 62 Resp: 52106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.5 | 24.5 | 36.7 |



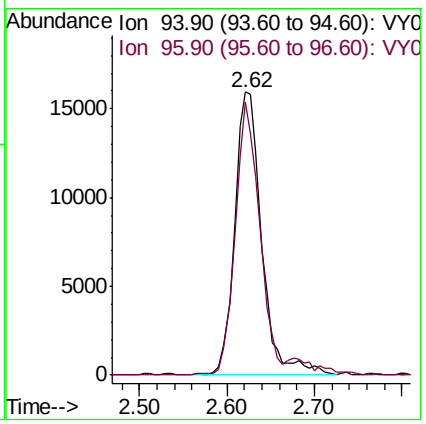


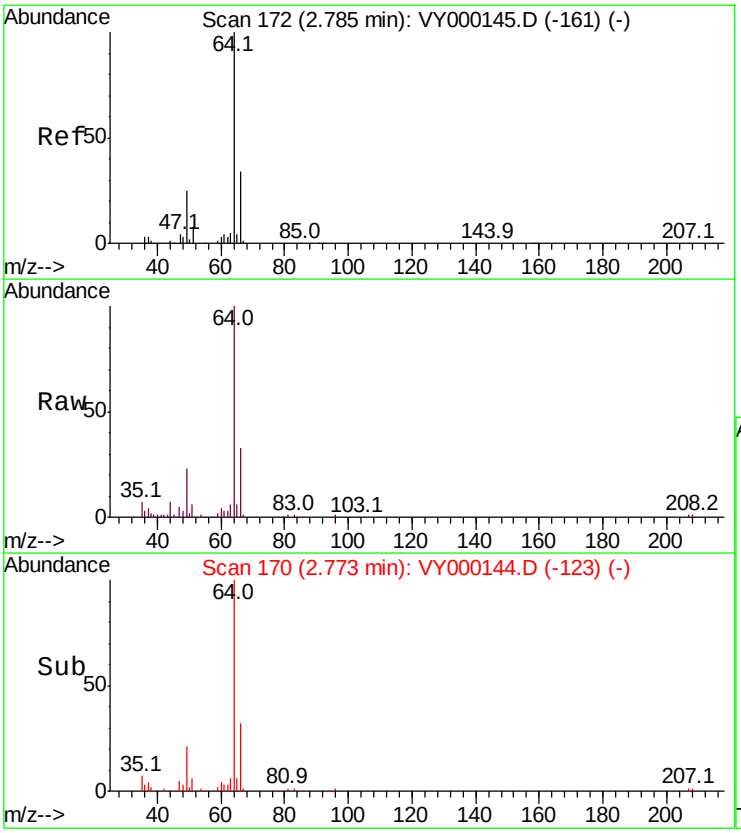

#5
Bromomethane
Concen: 20.134 ug/l
RT: 2.62 min Scan# 145
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 94 Resp: 34210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 96.6 | 74.6 | 111.8 |

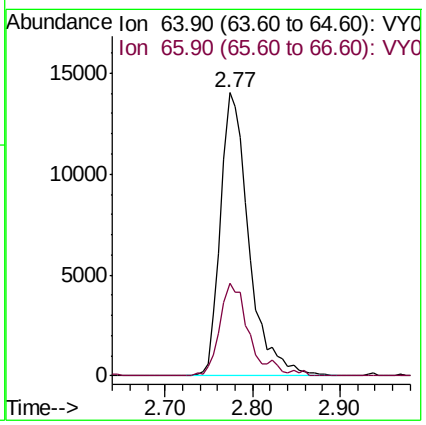


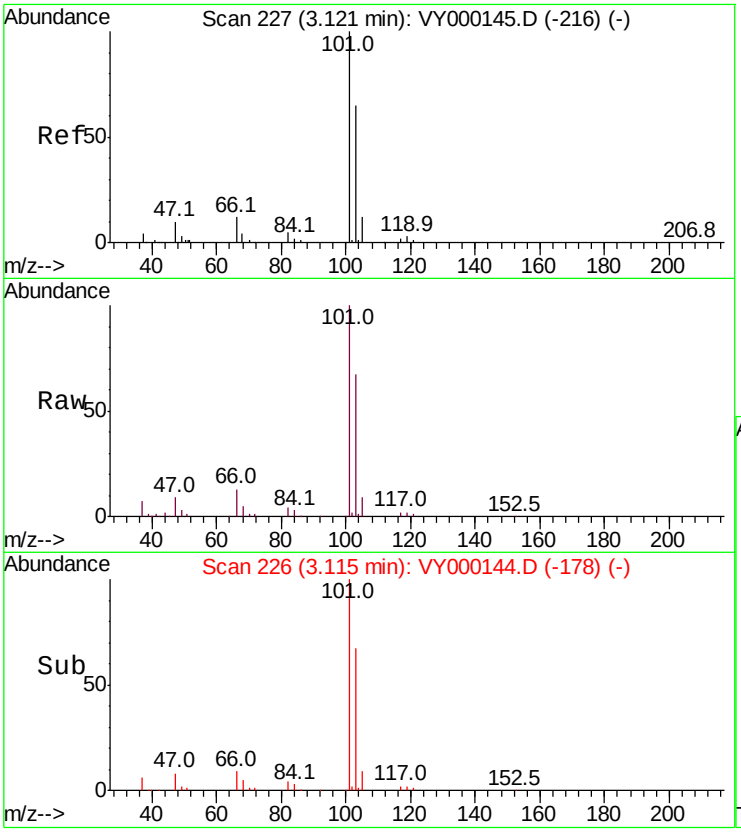




#6
Chloroethane
Concen: 20.257 ug/l
RT: 2.77 min Scan# 170
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 64 Resp: 31688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.6 | 27.4 | 41.0 |



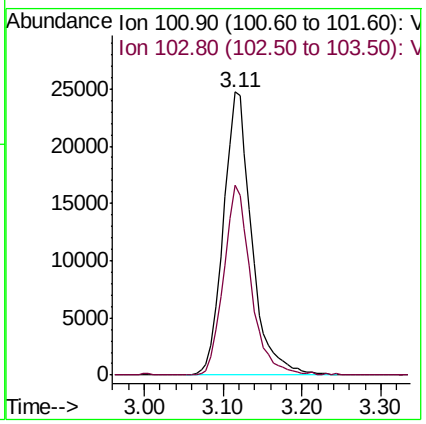


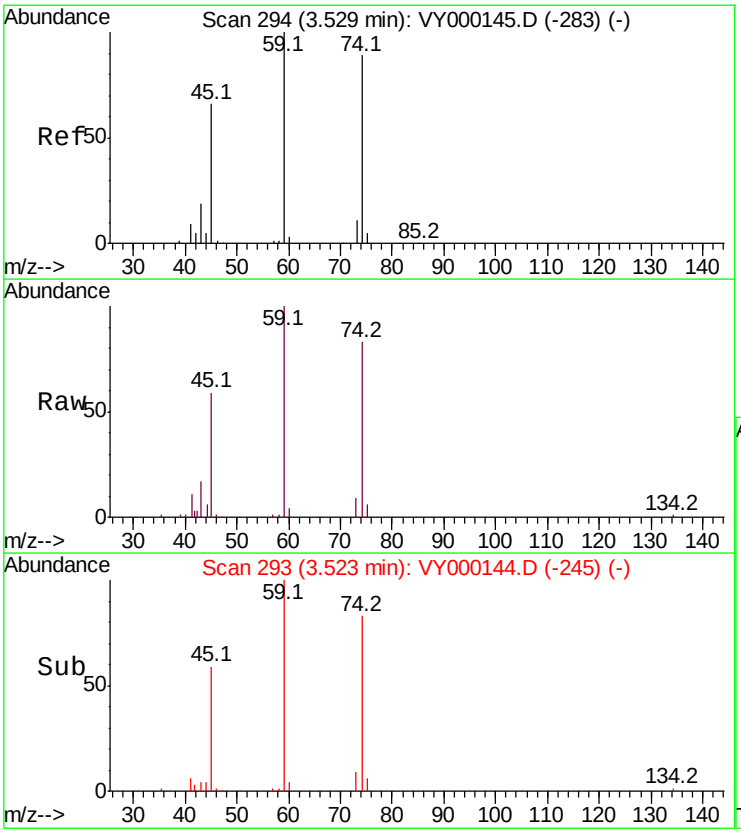

#7
Trichlorofluoromethane
Concen: 20.284 ug/l
RT: 3.11 min Scan# 226
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion:101 Resp: 61610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 67.1 | 51.9 | 77.9 |

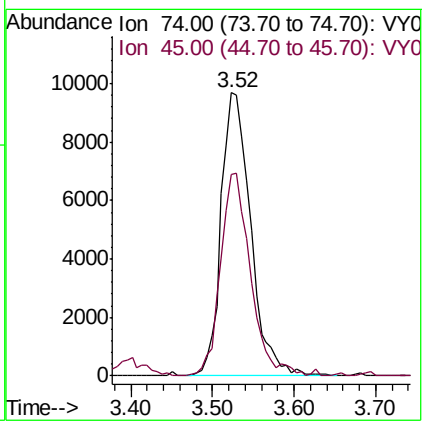


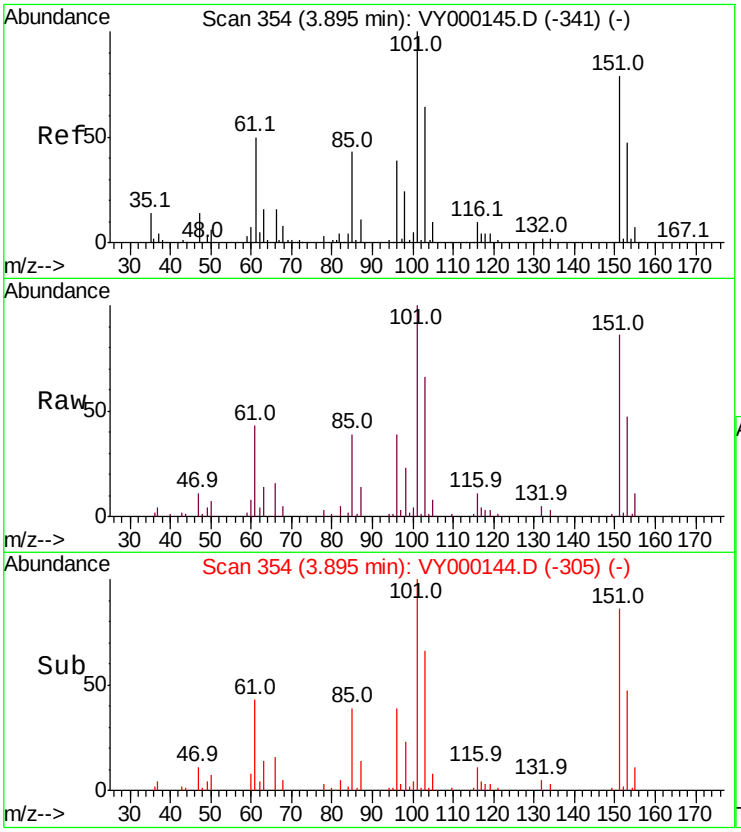




#8
Diethyl Ether
Concen: 20.058 ug/l
RT: 3.52 min Scan# 293
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 74 Resp: 24289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 72.5 | 37.7 | 113.1 |



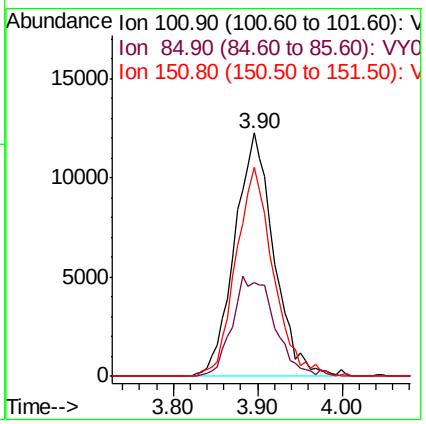


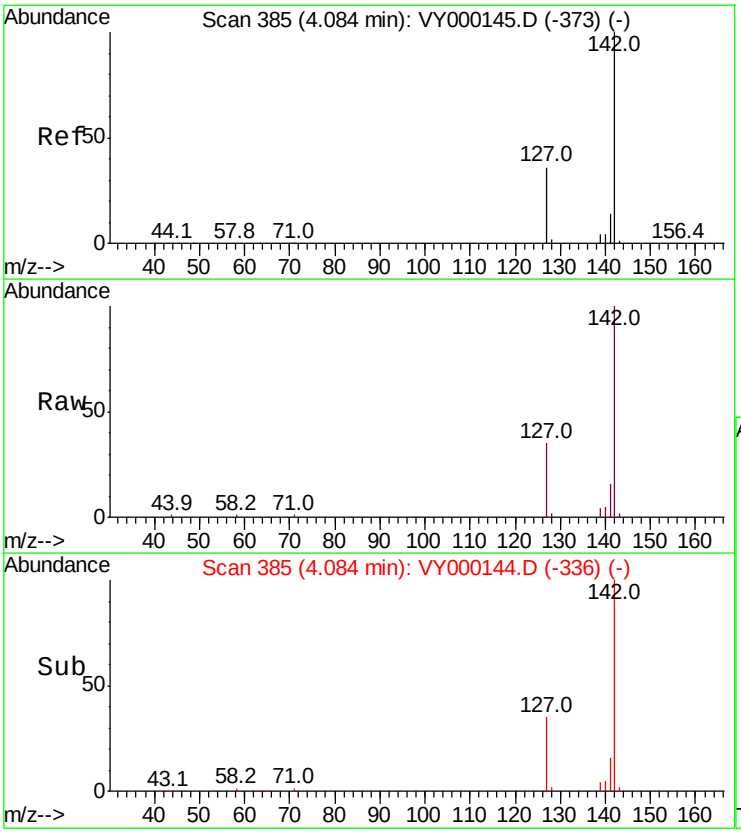

#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.543 ug/l
RT: 3.90 min Scan# 354
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion:101 Resp: 38747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.6 | 34.8 | 52.2 |
| 151 | 81.8 | 64.0 | 96.0 |

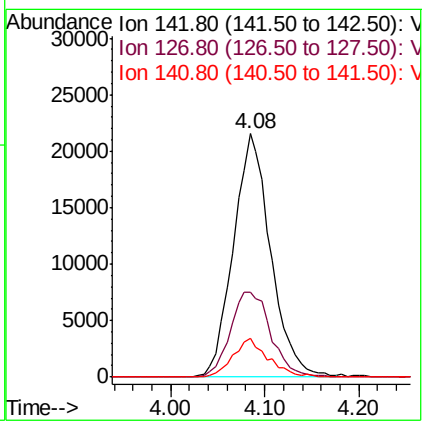


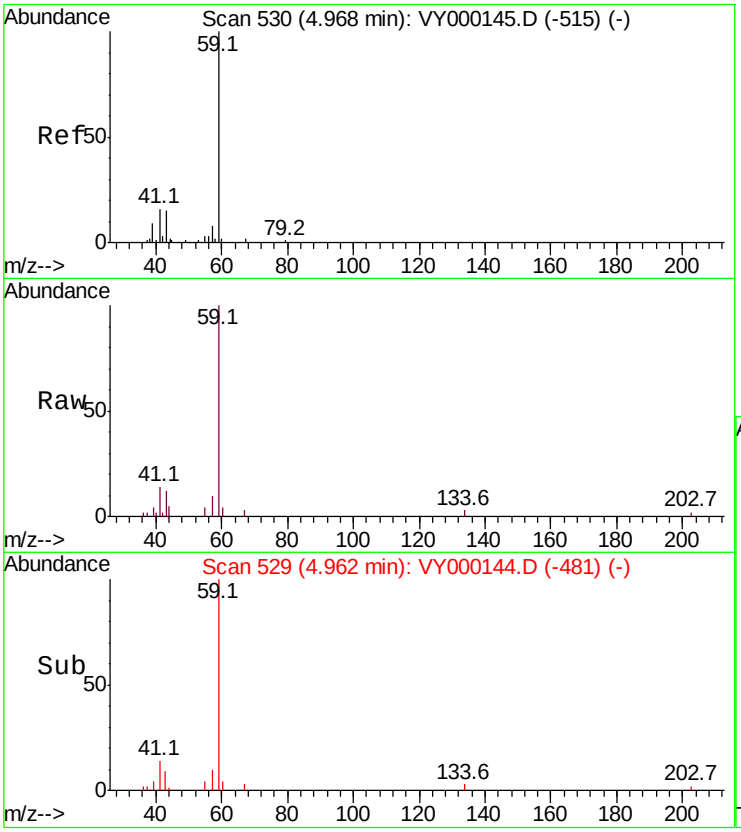




#10
Methyl Iodide
Concen: 19.451 ug/l
RT: 4.08 min Scan# 385
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion:142 Resp: 59461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 38.0 | 30.0 | 45.0 |
| 141 | 15.1 | 11.0 | 16.6 |



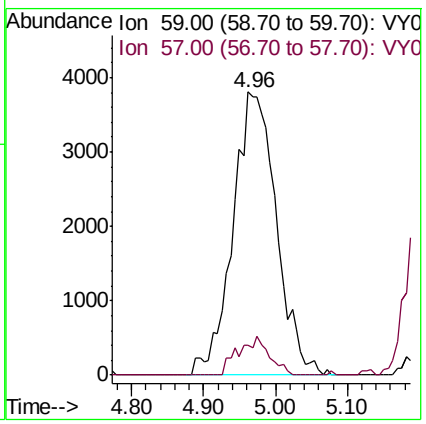


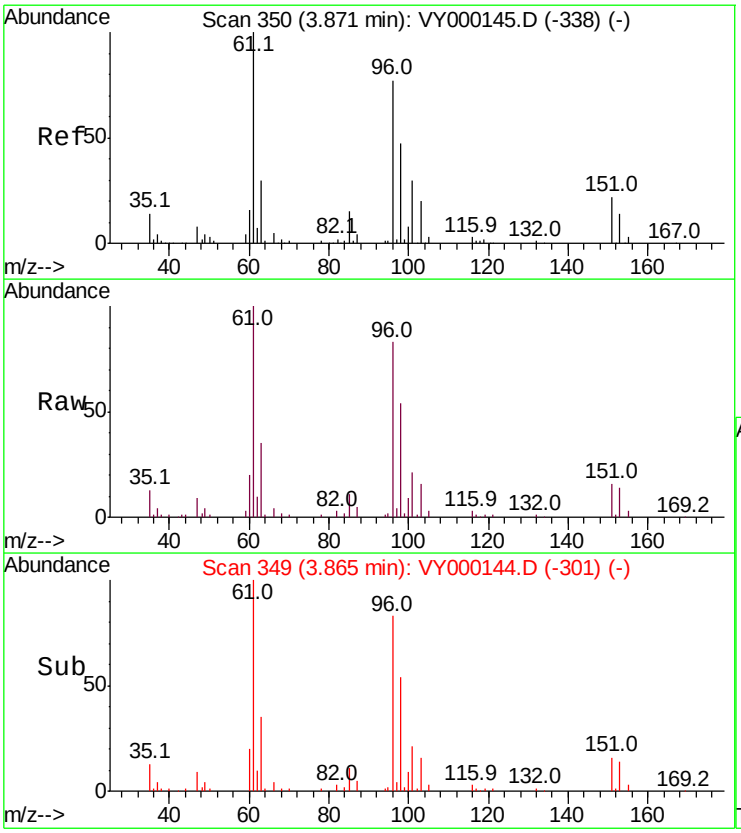

#11
Tert butyl alcohol
Concen: 90.447 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 59 Resp: 16001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.7 | 8.9 | 13.3 |

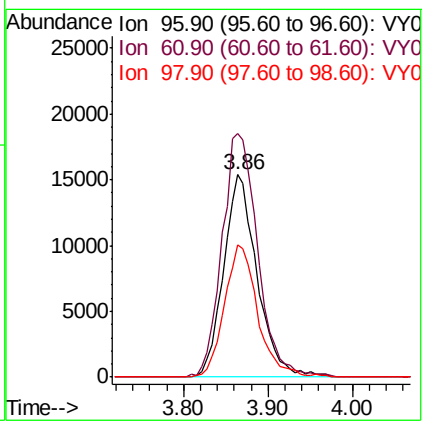


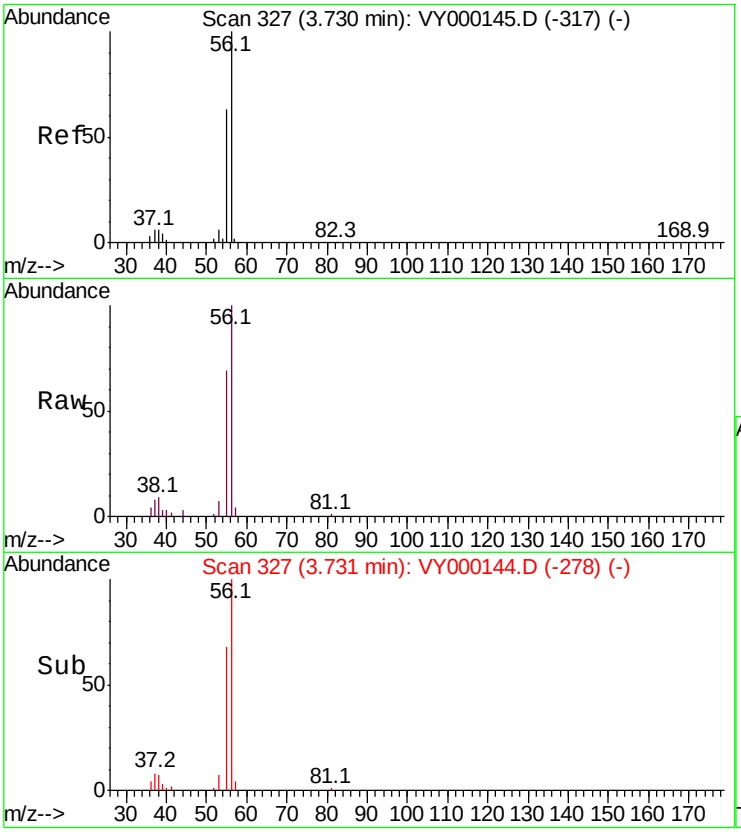




#12
1,1-Dichloroethene
Concen: 19.937 ug/l
RT: 3.86 min Scan# 349
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 96 Resp: 41452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 120.5 | 103.6 | 155.4 |
| 98 | 65.2 | 48.7 | 73.1 |



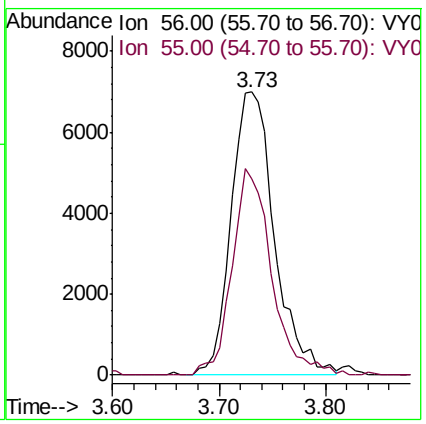


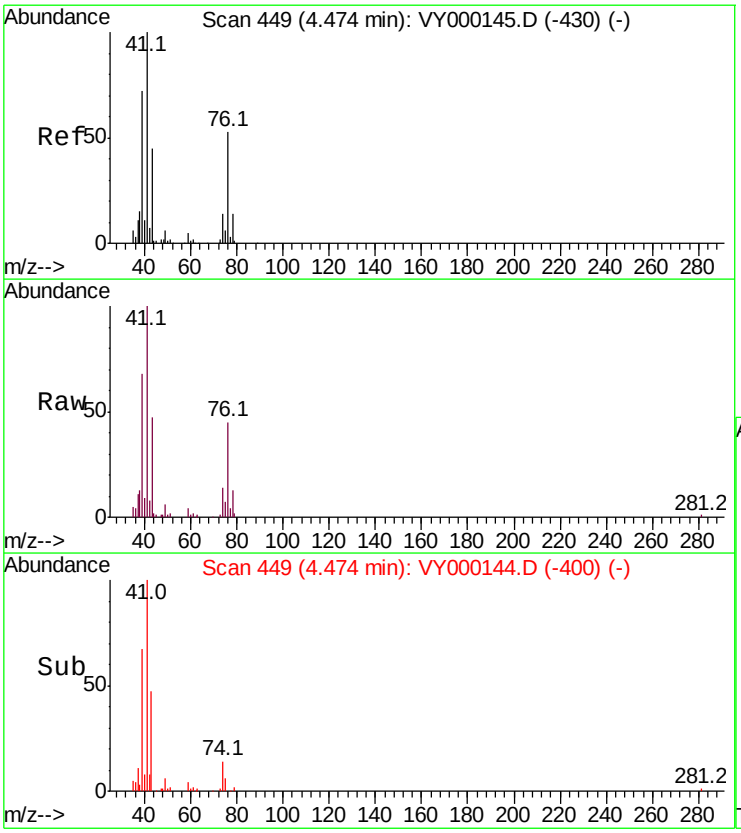

#13
Acrolein
Concen: 91.101 ug/l
RT: 3.73 min Scan# 327
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 56 Resp: 20015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 66.6 | 53.1 | 79.7 |

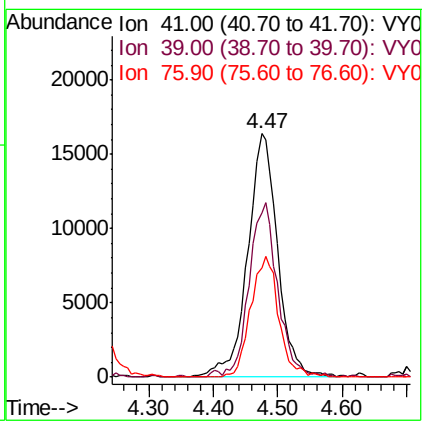


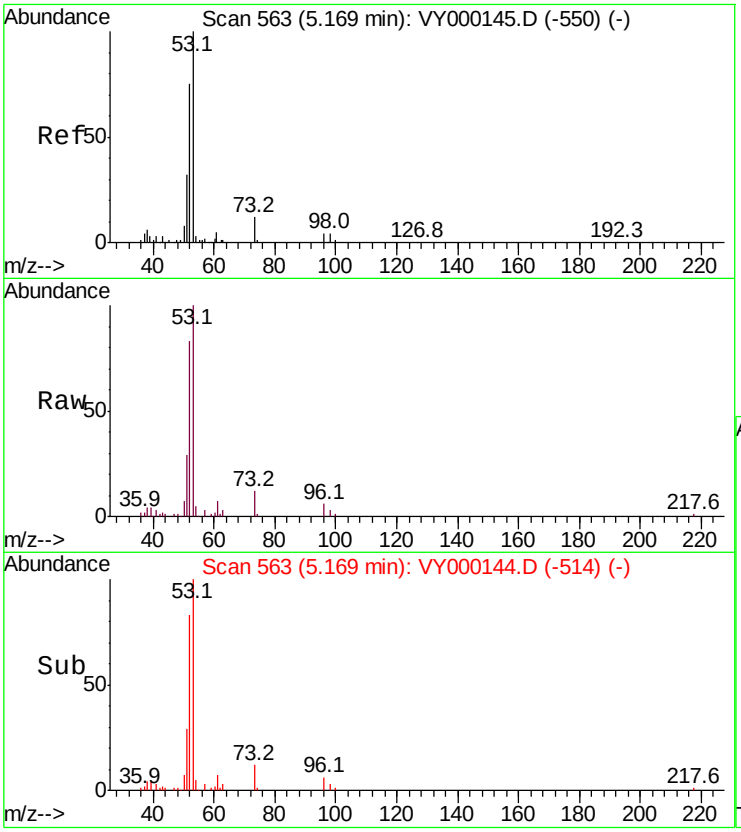




#14
Allyl chloride
Concen: 20.103 ug/l
RT: 4.47 min Scan# 449
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 41 Resp: 52305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 67.8 | 54.6 | 82.0 |
| 76 | 46.4 | 39.0 | 58.6 |



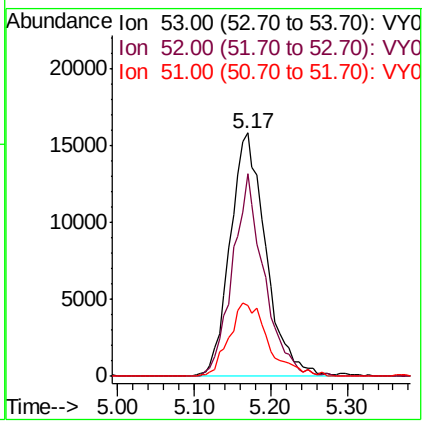


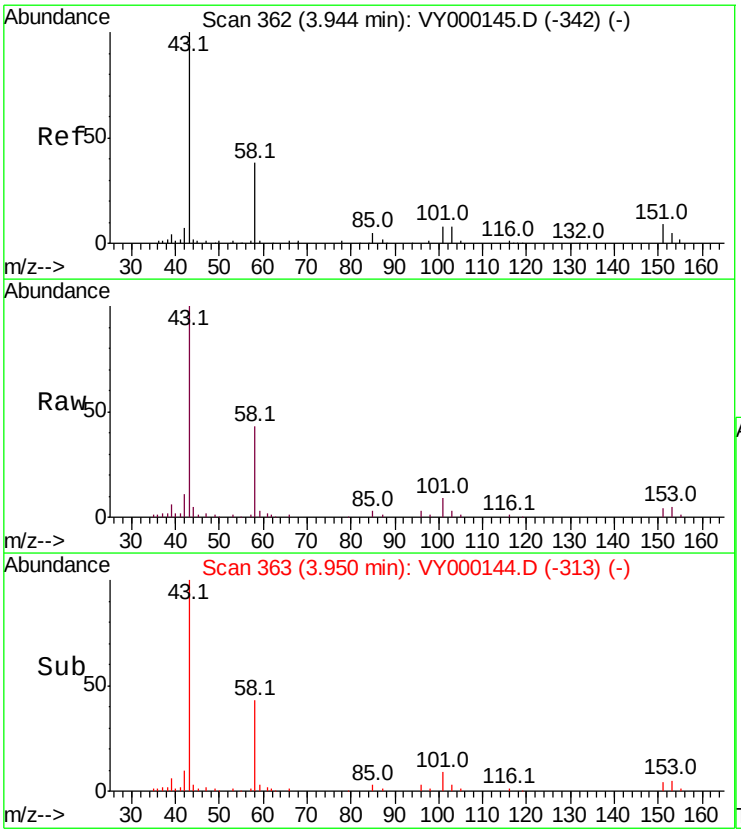

#15
Acrylonitrile
Concen: 92.968 ug/l
RT: 5.17 min Scan# 563
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 53 Resp: 51200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 73.8 | 62.9 | 94.3 |
| 51 | 33.0 | 27.5 | 41.3 |

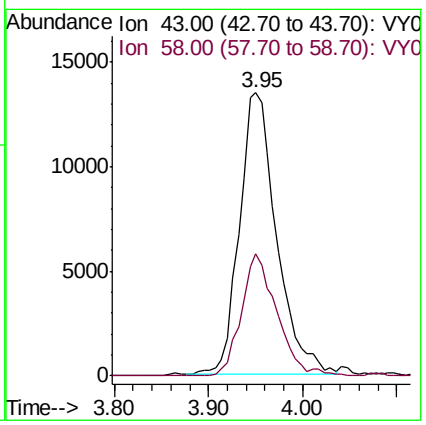


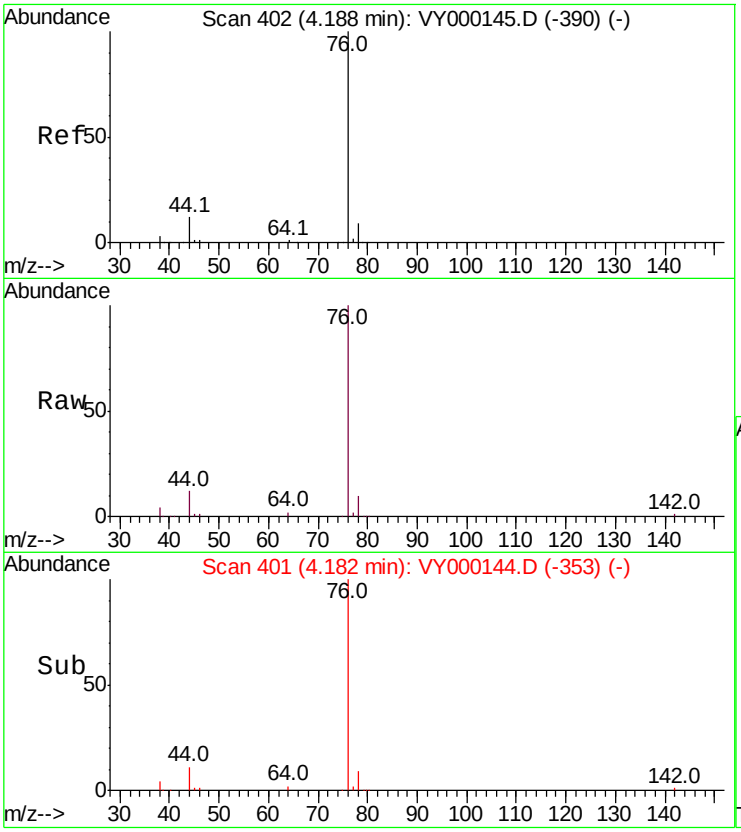




#16
Acetone
Concen: 85.631 ug/l
RT: 3.95 min Scan# 363
Delta R.T. 0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 43 Resp: 37154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 43.6 | 30.4 | 45.6 |



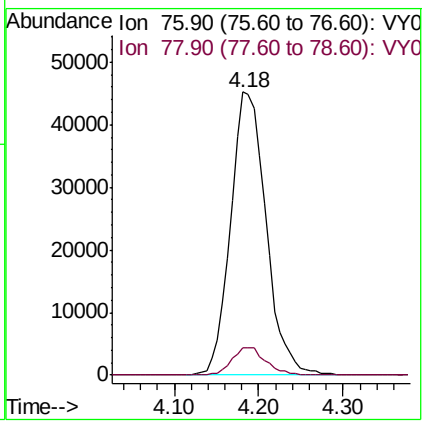


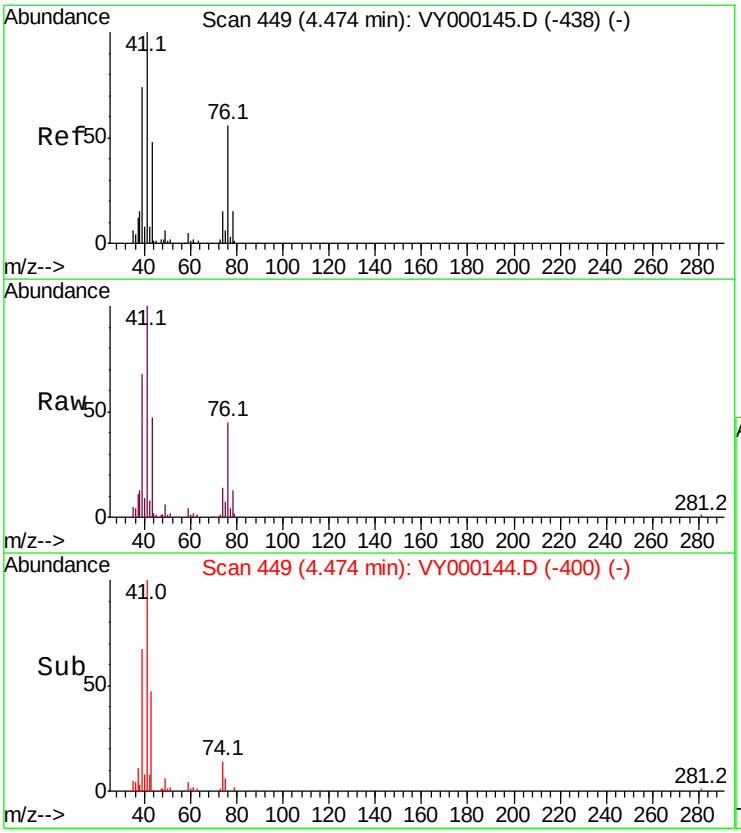

#17
Carbon Disulfide
Concen: 20.005 ug/l
RT: 4.18 min Scan# 401
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 76 Resp: 129017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.6 | 7.0 | 10.4 |

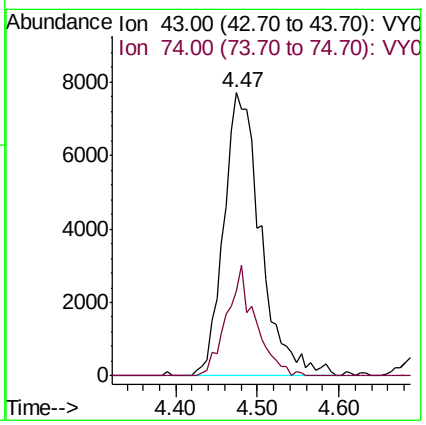


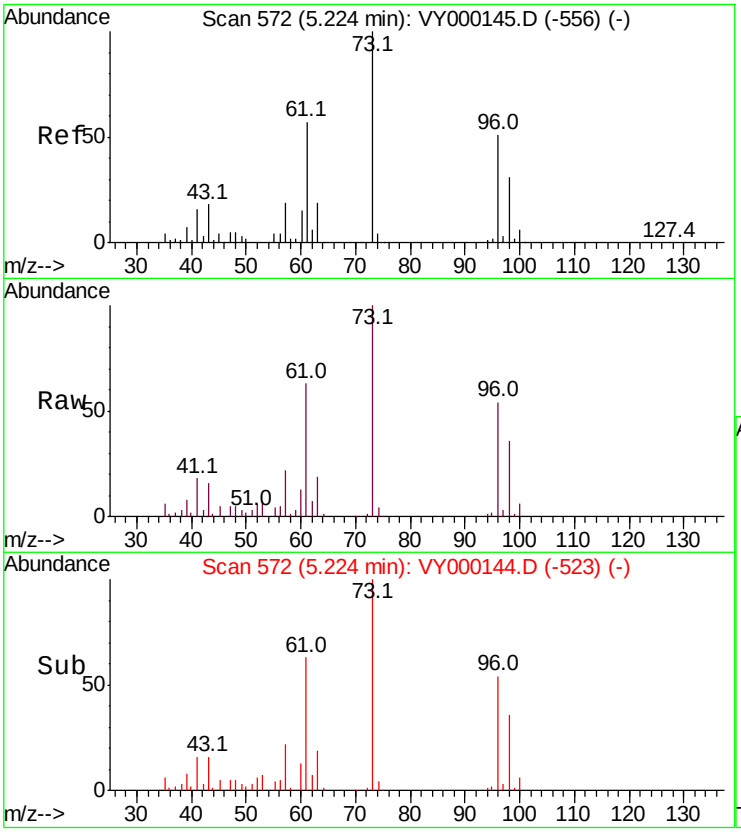




#18
Methyl Acetate
Concen: 18.911 ug/l
RT: 4.47 min Scan# 449
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 43 Resp: 24284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 30.3 | 25.6 | 38.4 |



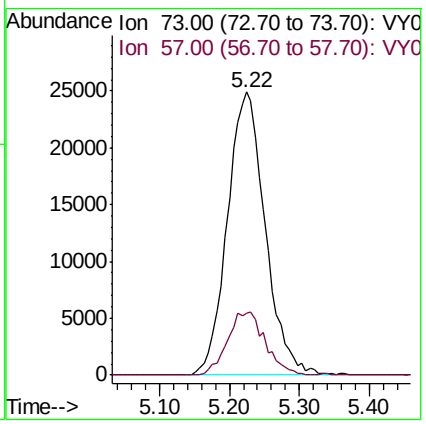


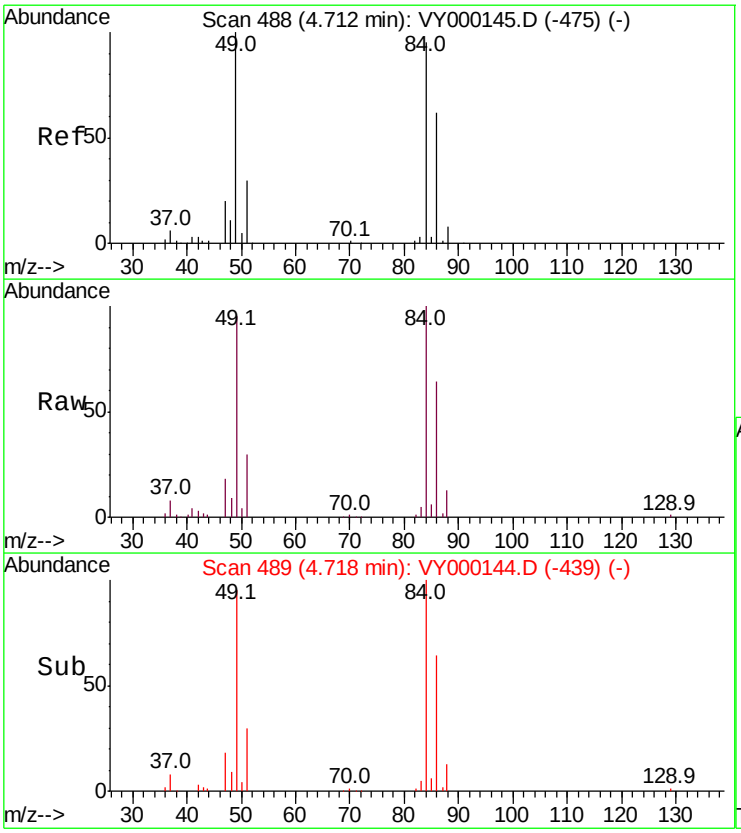

#19
Methyl tert-butyl Ether
Concen: 18.969 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 73 Resp: 93369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 21.7 | 15.5 | 23.3 |

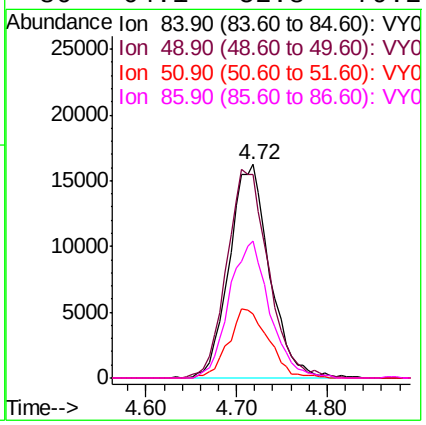


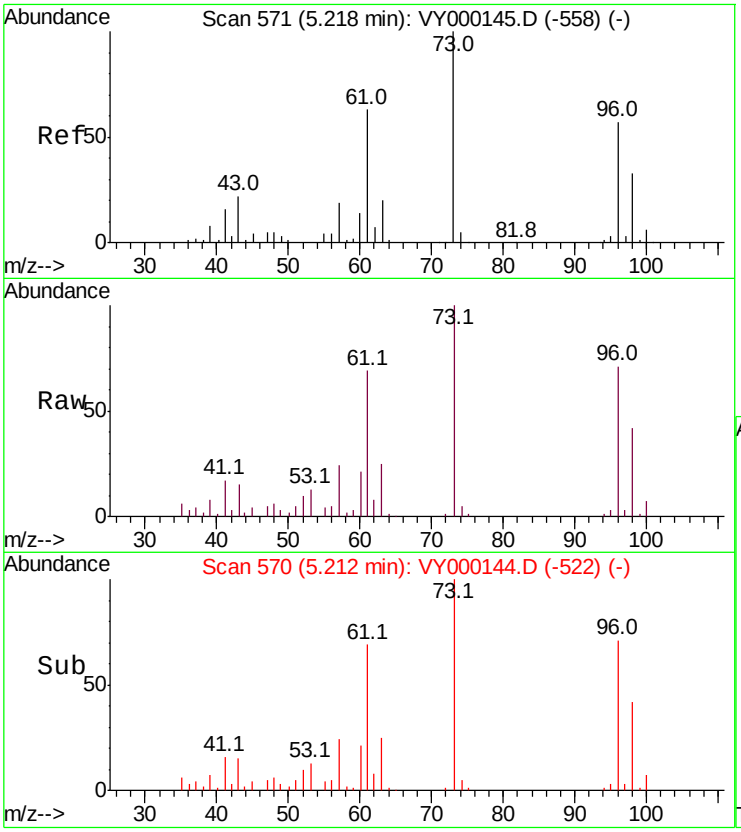




#20
Methylene Chloride
Concen: 19.975 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 84 Resp: 50054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 95.0 | 84.6 | 126.8 |
| 51 | 29.8 | 25.4 | 38.2 |
| 86 | 64.1 | 52.8 | 79.2 |



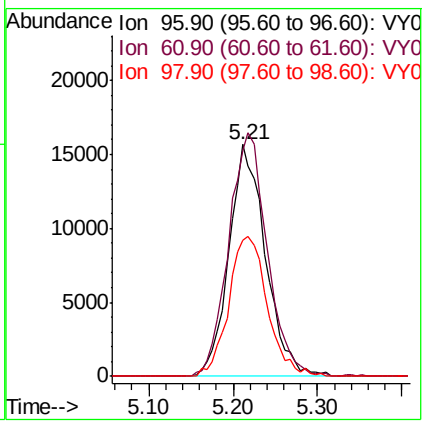


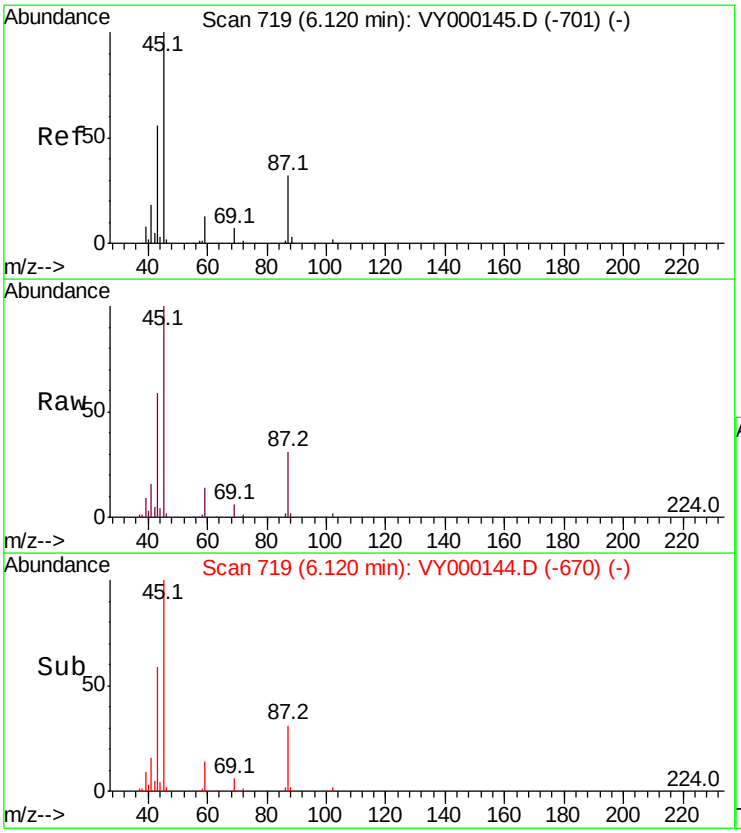

#21
trans-1,2-Dichloroethene
Concen: 19.892 ug/l
RT: 5.21 min Scan# 570
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 96 Resp: 46081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 97.5 | 88.0 | 132.0 |
| 98 | 58.9 | 45.6 | 68.4 |

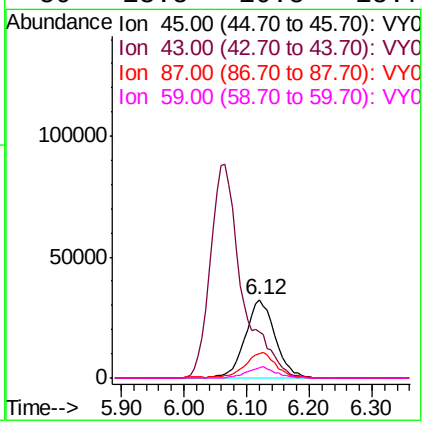


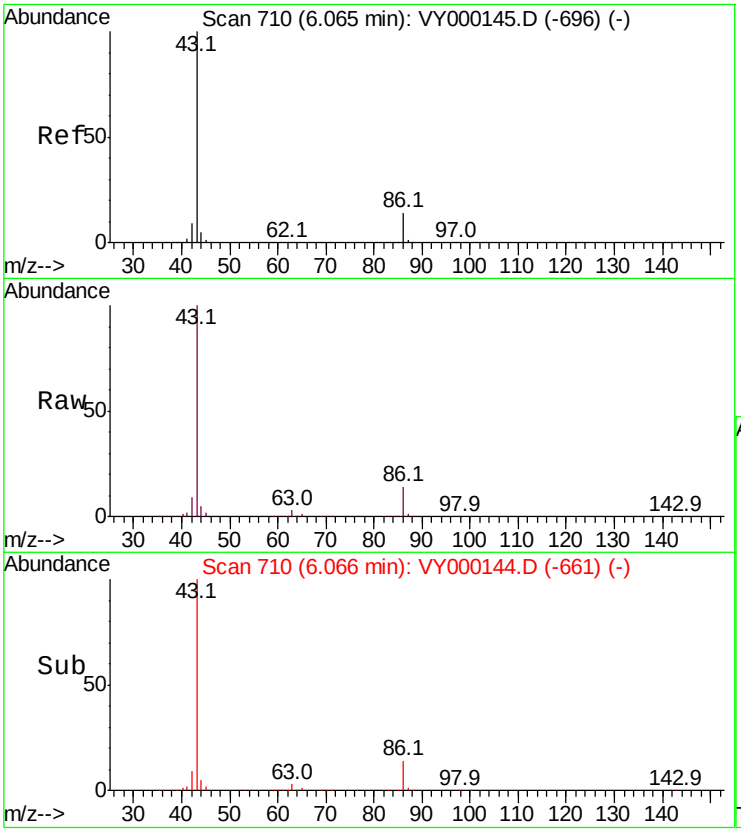




#22
Diisopropyl ether
Concen: 19.564 ug/l
RT: 6.12 min Scan# 719
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 45 Resp: 106974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 58.8 | 48.4 | 72.6 |
| 87 | 30.7 | 26.6 | 39.8 |
| 59 | 13.5 | 10.5 | 15.7 |



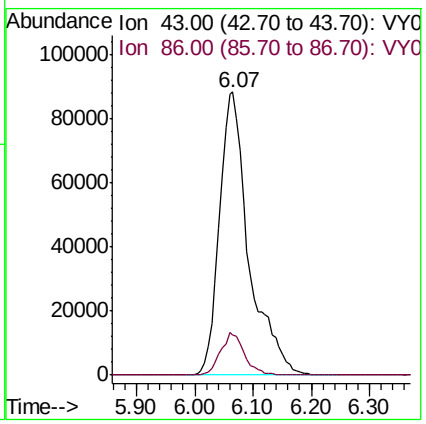


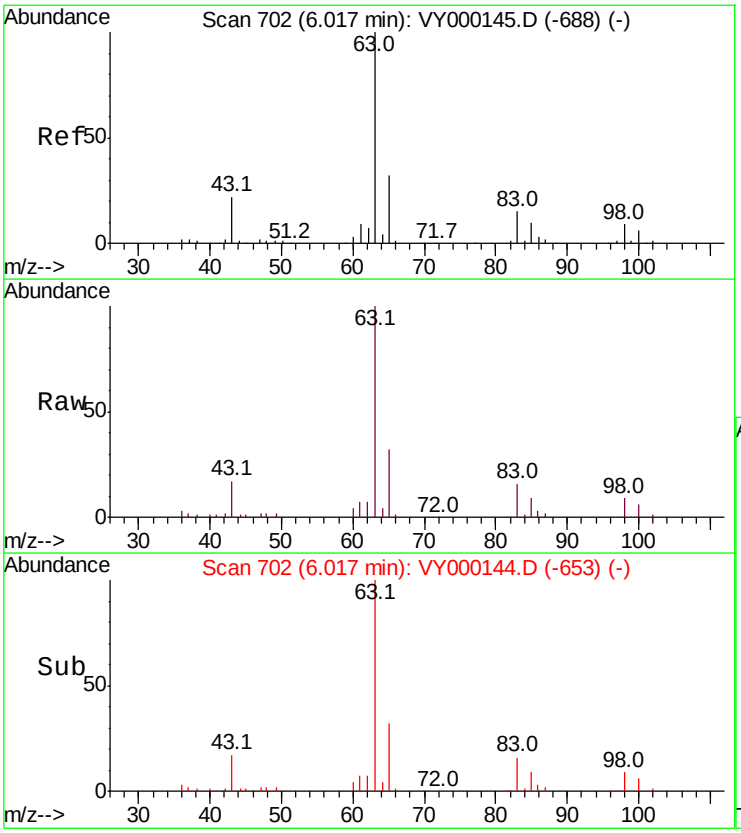

#23
Vinyl Acetate
Concen: 90.457 ug/l
RT: 6.07 min Scan# 710
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 43 Resp: 309971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 14.1 | 11.1 | 16.7 |

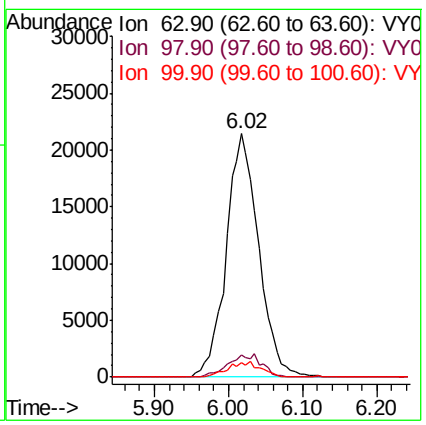


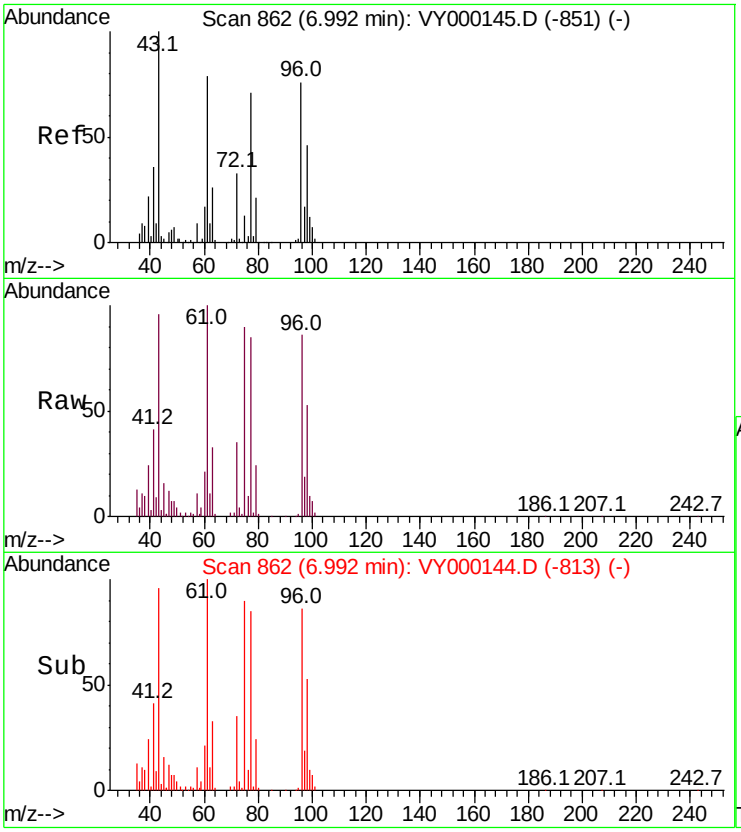




#24
1,1-Dichloroethane
Concen: 19.682 ug/l
RT: 6.02 min Scan# 702
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 63 Resp: 65146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 9.0 | 4.6 | 13.8 |
| 100 | 5.8 | 2.8 | 8.4 |



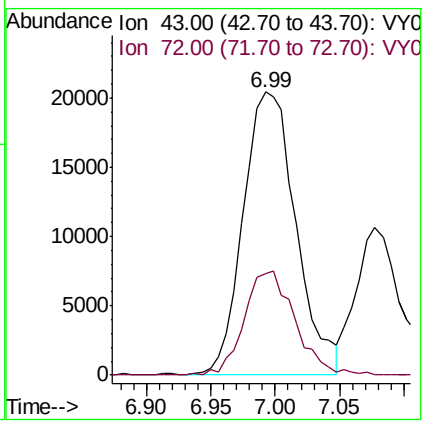


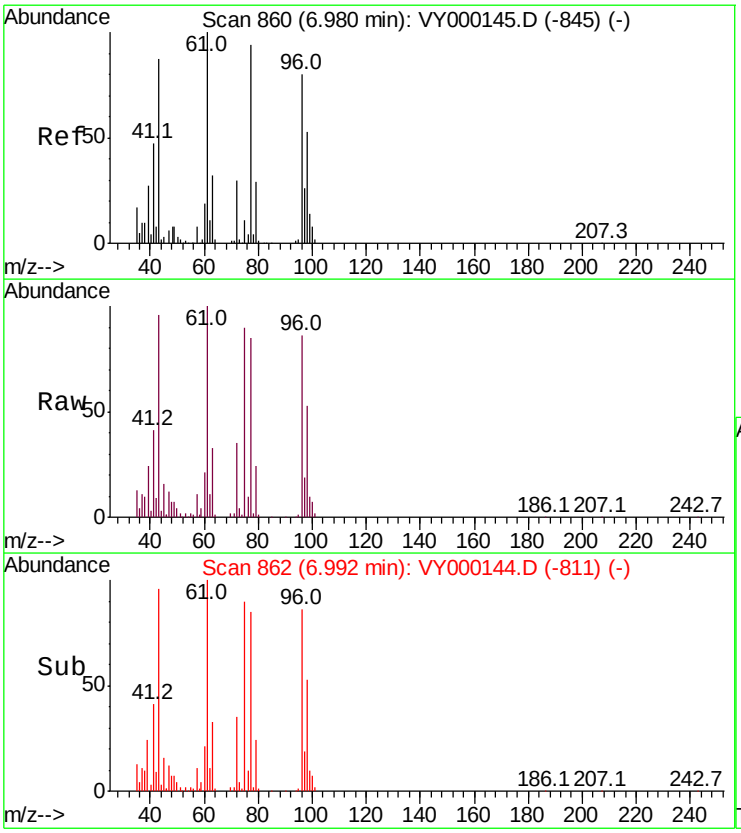

#25
2-Butanone
Concen: 85.530 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 43 Resp: 58144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 35.9 | 26.8 | 40.2 |

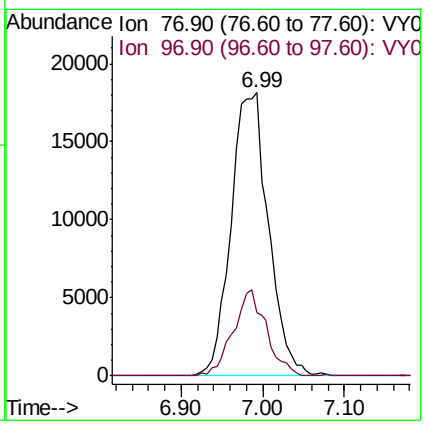


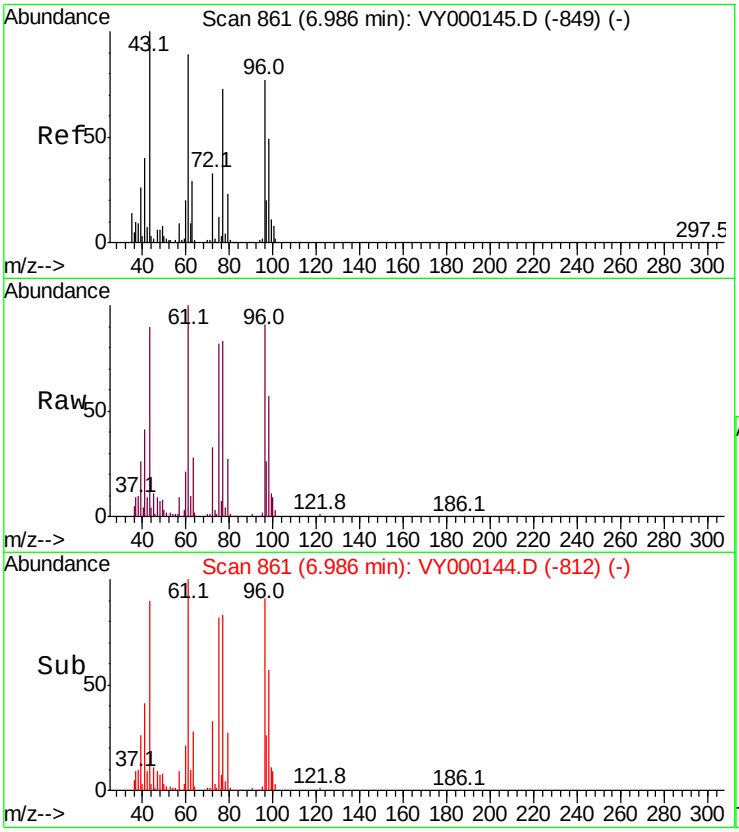




#26
2,2-Dichloropropane
Concen: 19.159 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 77 Resp: 57662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 26.9 | 13.0 | 38.9 |



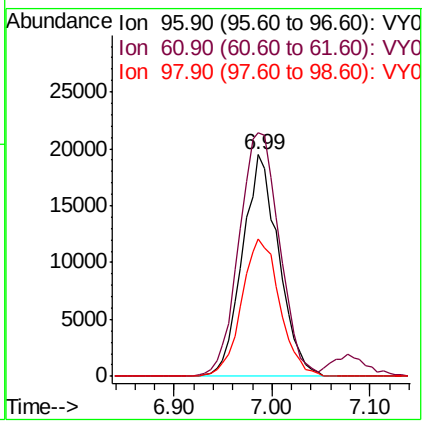


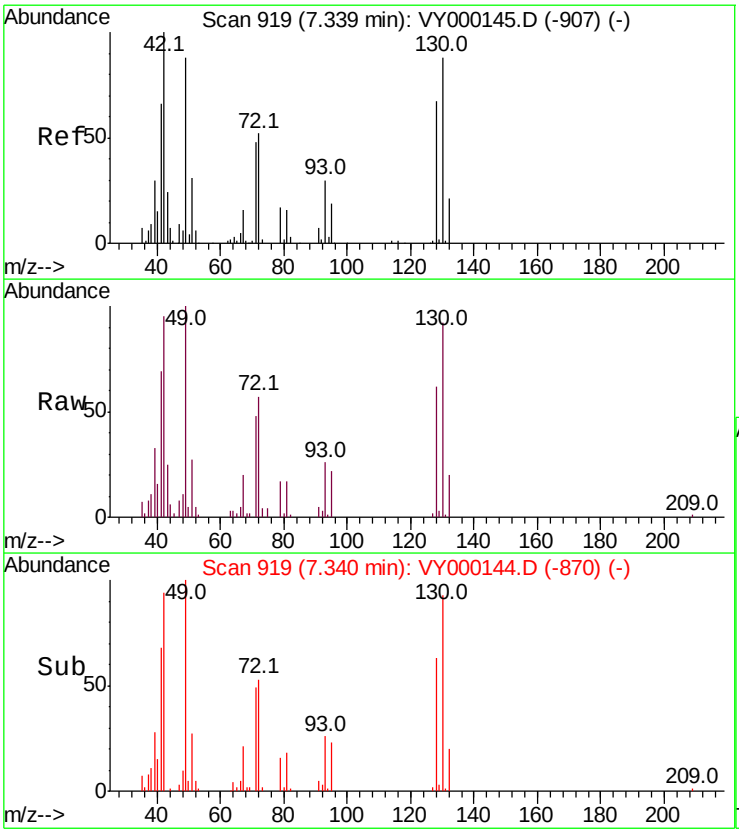

#27
cis-1,2-Dichloroethene
Concen: 19.468 ug/l
RT: 6.99 min Scan# 861
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 96 Resp: 50119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 122.7 | 0.0 | 232.8 |
| 98 | 65.2 | 0.0 | 128.8 |

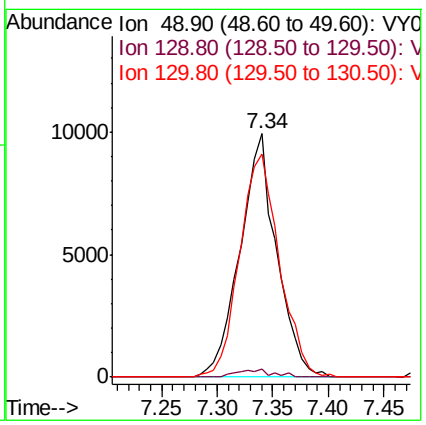


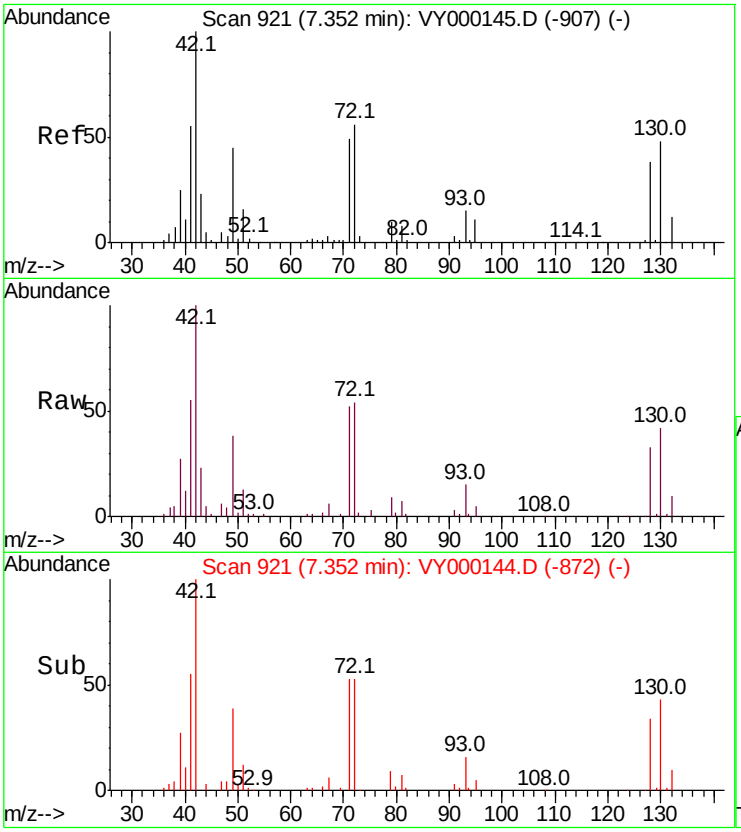




#28
Bromochloromethane
Concen: 18.008 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 49 Resp: 22709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 3.0 | 0.0 | 4.6 |
| 130 | 99.2 | 79.5 | 119.3 |



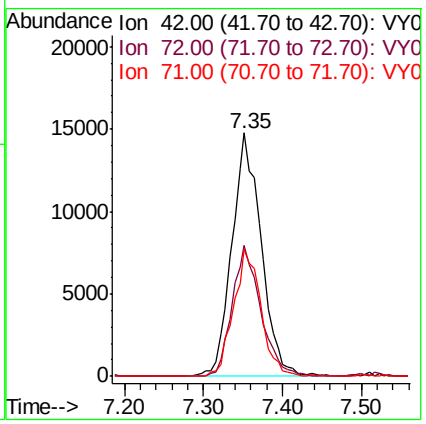


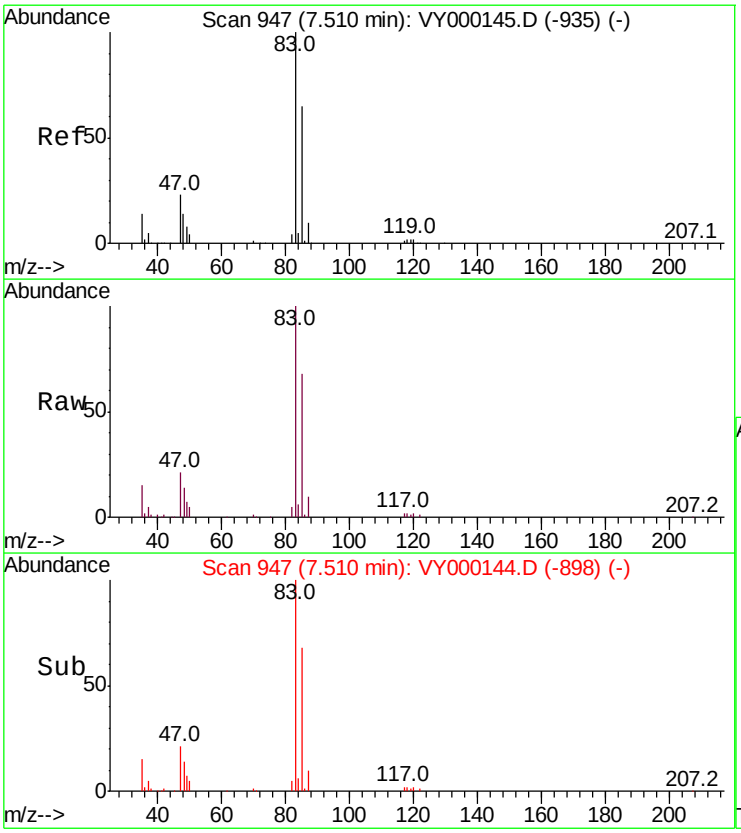

#29
Tetrahydrofuran
Concen: 91.073 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 42 Resp: 38167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 52.3 | 43.1 | 64.7 |
| 71 | 48.9 | 39.4 | 59.2 |

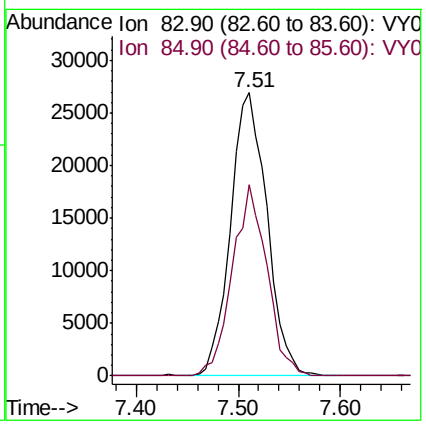


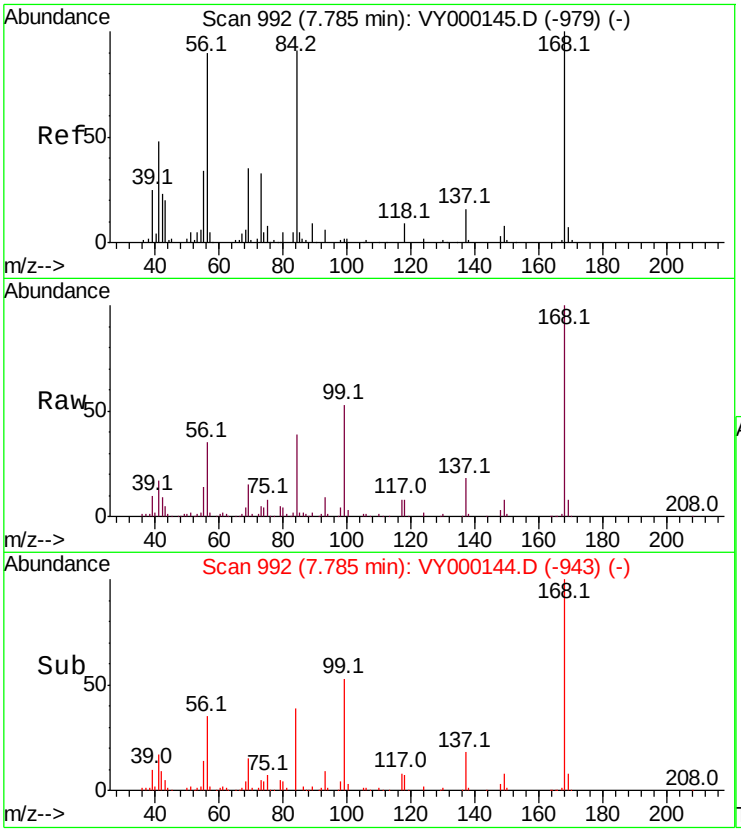




#30
Chloroform
Concen: 19.281 ug/l
RT: 7.51 min Scan# 947
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 83 Resp: 66796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 67.6 | 52.4 | 78.6 |



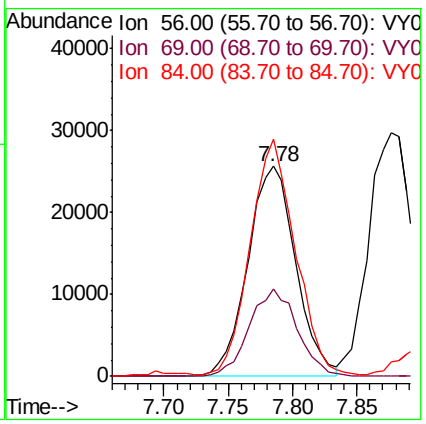


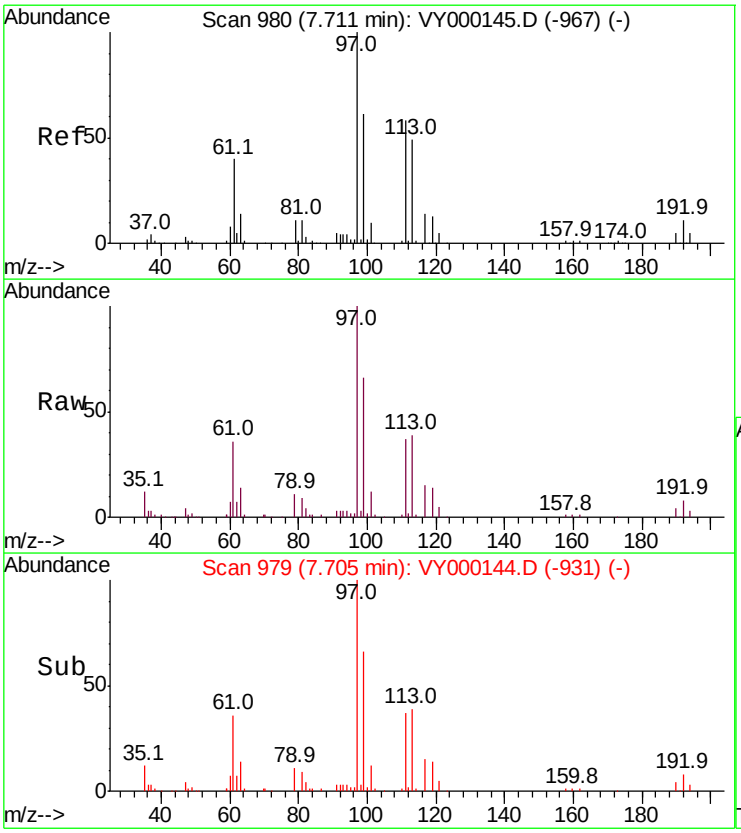

#31
Cyclohexane
Concen: 19.374 ug/l
RT: 7.78 min Scan# 992
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 56 Resp: 66298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 41.4 | 31.1 | 46.7 |
| 84 | 111.4 | 80.5 | 120.7 |

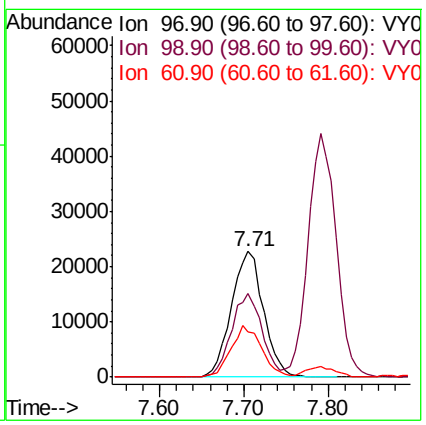


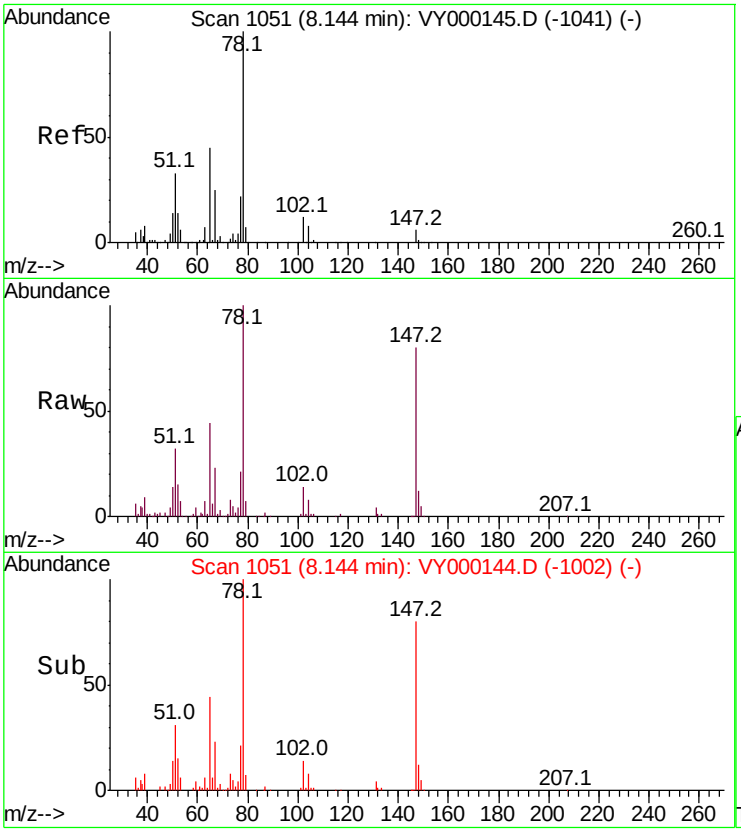




#32
1,1,1-Trichloroethane
Concen: 19.241 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 97 Resp: 58446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 62.8 | 50.5 | 75.7 |
| 61 | 39.3 | 32.9 | 49.3 |



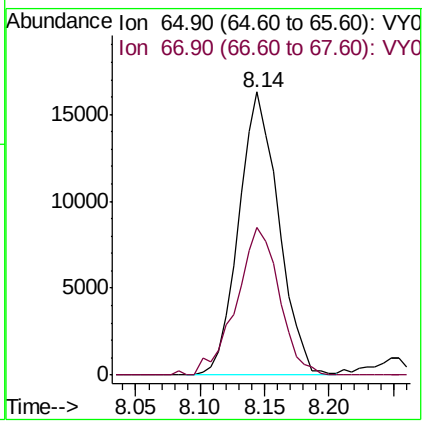


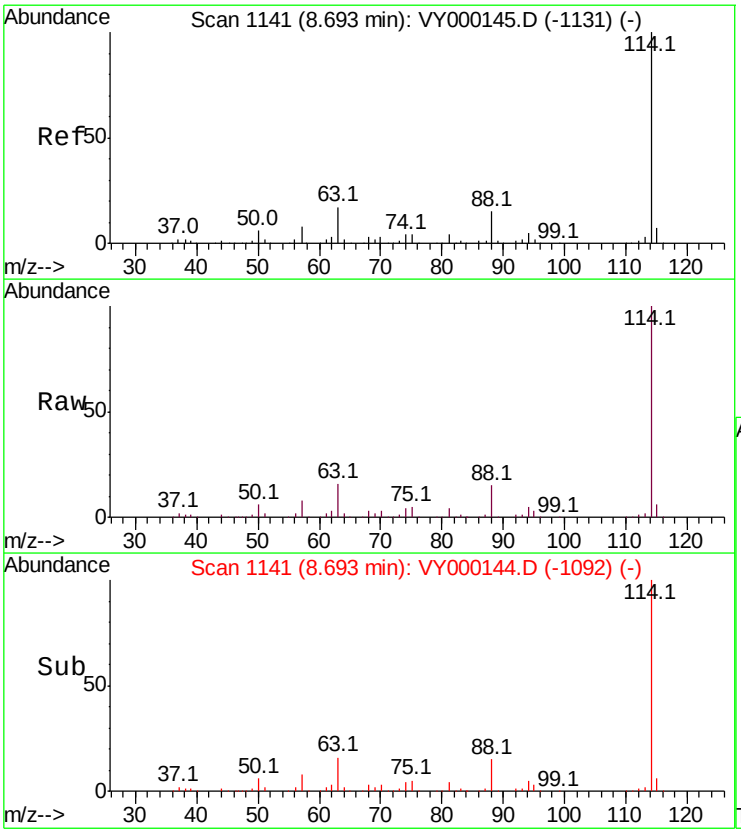

#33
1,2-Dichloroethane-d4
Concen: 19.720 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 65 Resp: 34919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 56.2 | 0.0 | 110.6 |

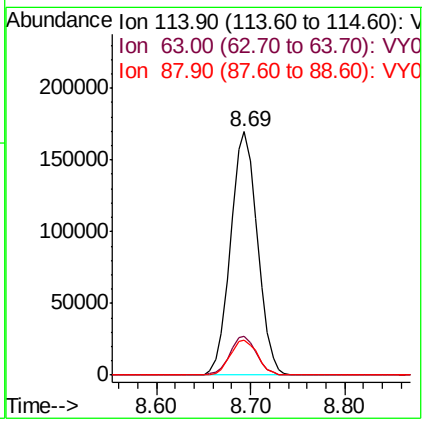


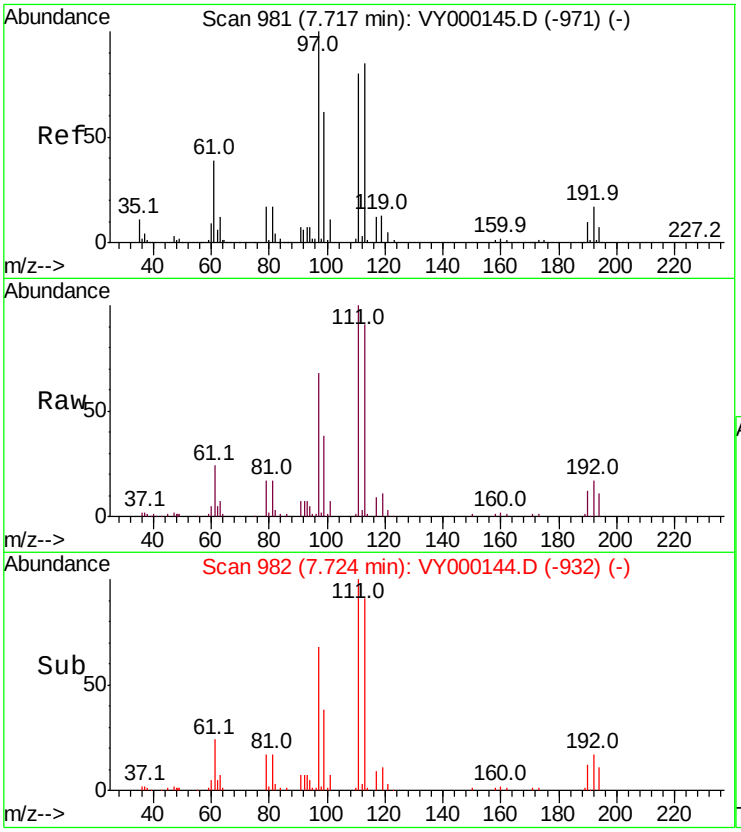




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion:114 Resp: 335131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 15.9 | 0.0 | 34.6 |
| 88 | 14.6 | 0.0 | 30.6 |



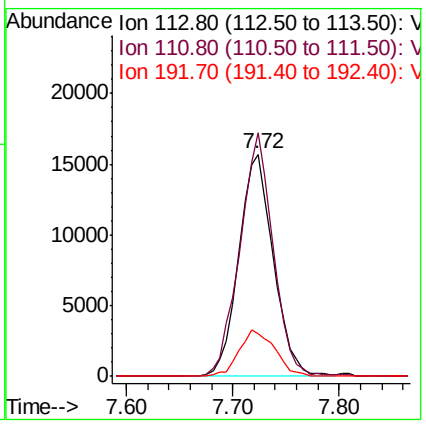


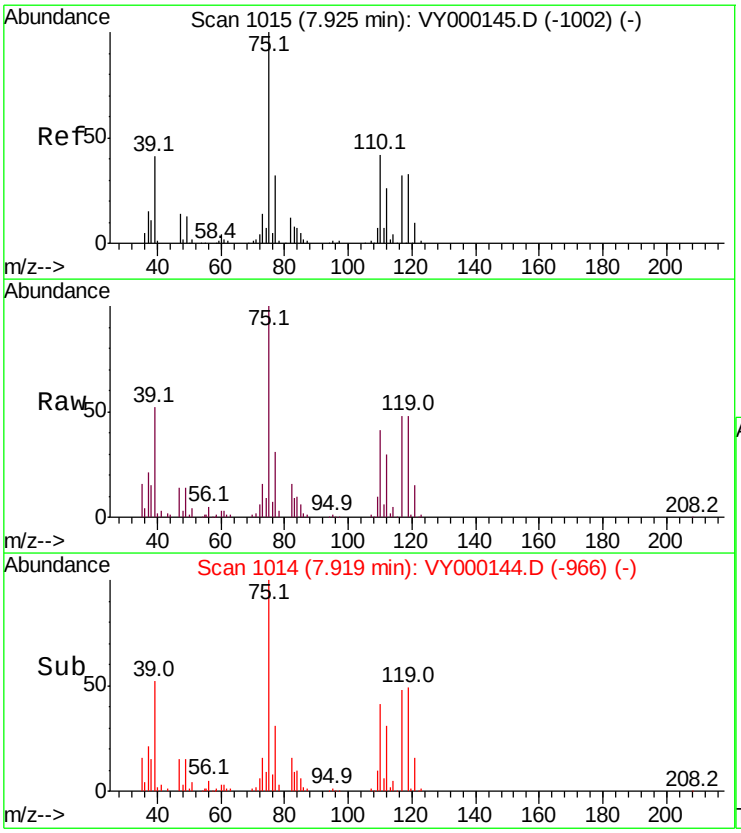

#35
Dibromofluoromethane
Concen: 20.484 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion:113 Resp: 35951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 105.7 | 82.0 | 123.0 |
| 192 | 21.4 | 17.3 | 25.9 |

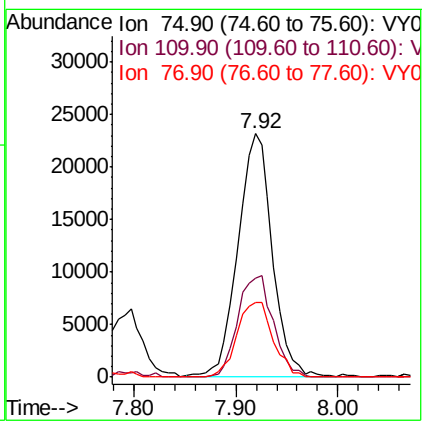


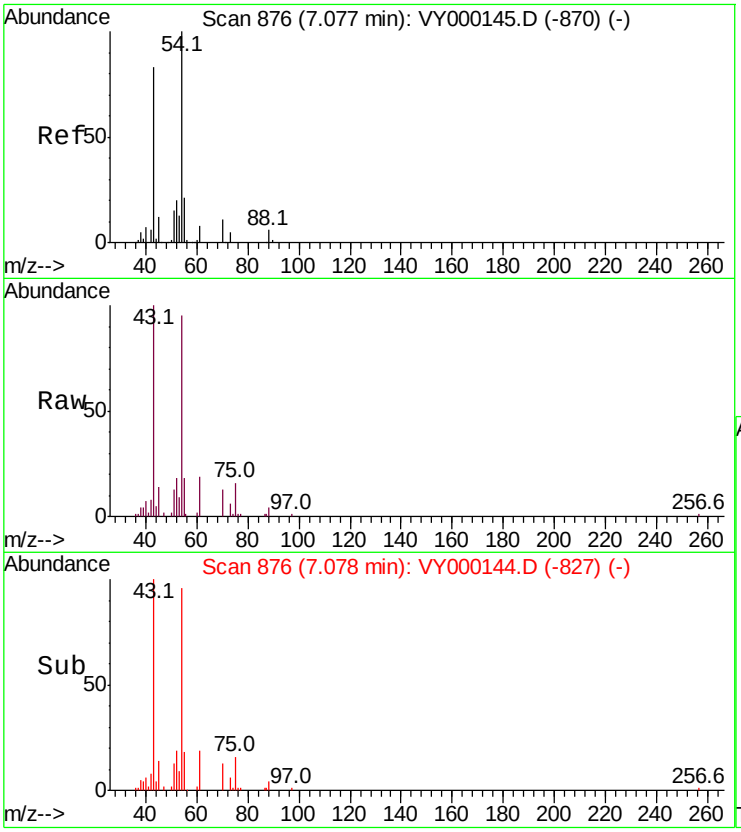




#36
1,1-Dichloropropene
Concen: 19.326 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 75 Resp: 53822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 43.1 | 21.1 | 63.1 |
| 77 | 32.6 | 24.6 | 36.8 |



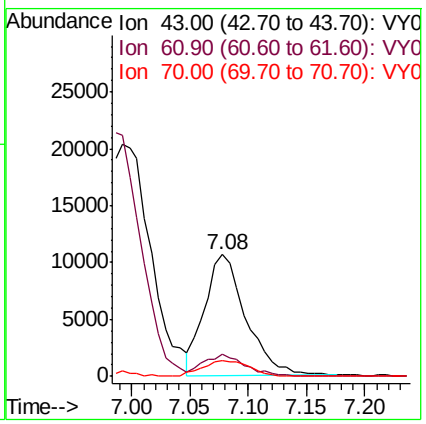


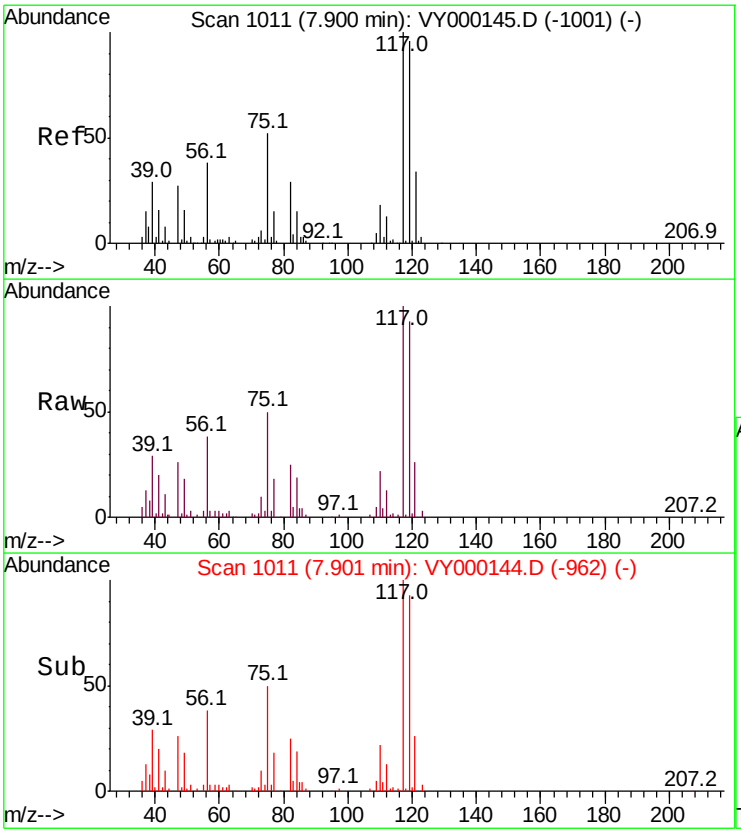

#37
Ethyl Acetate
Concen: 17.653 ug/l
RT: 7.08 min Scan# 876
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 43 Resp: 25971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.5 | 11.9 | 17.9# |
| 70 | 14.7 | 10.2 | 15.2 |

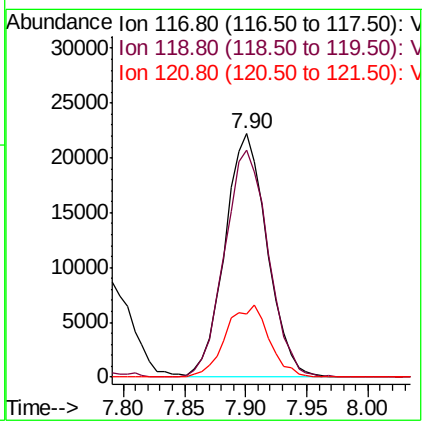


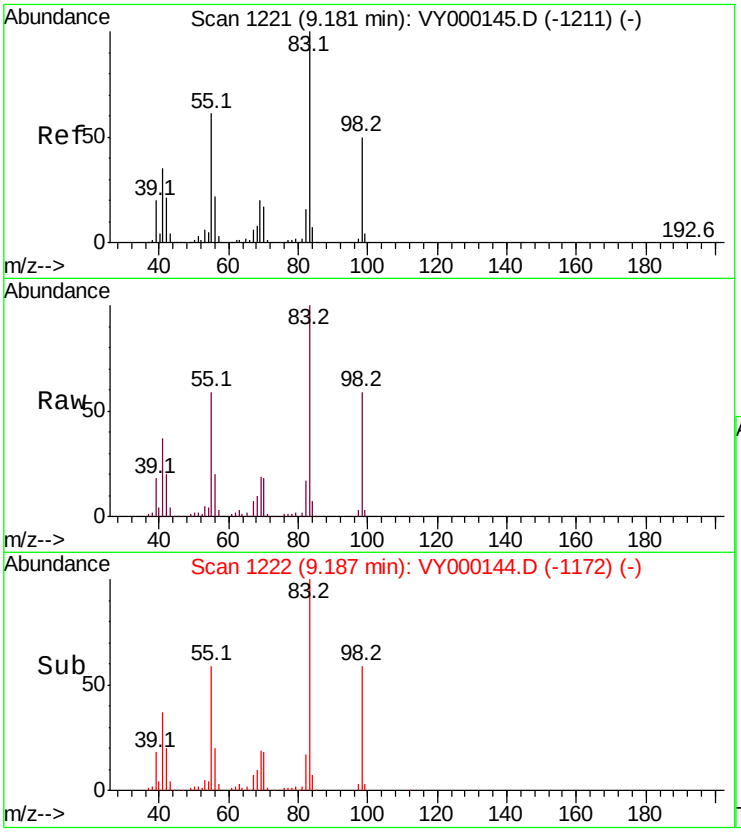




#38
Carbon Tetrachloride
Concen: 19.590 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion:117 Resp: 53262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.0 | 76.9 | 115.3 |
| 121 | 25.8 | 27.4 | 41.0# |



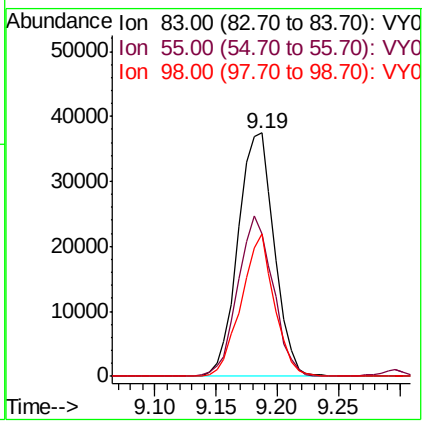


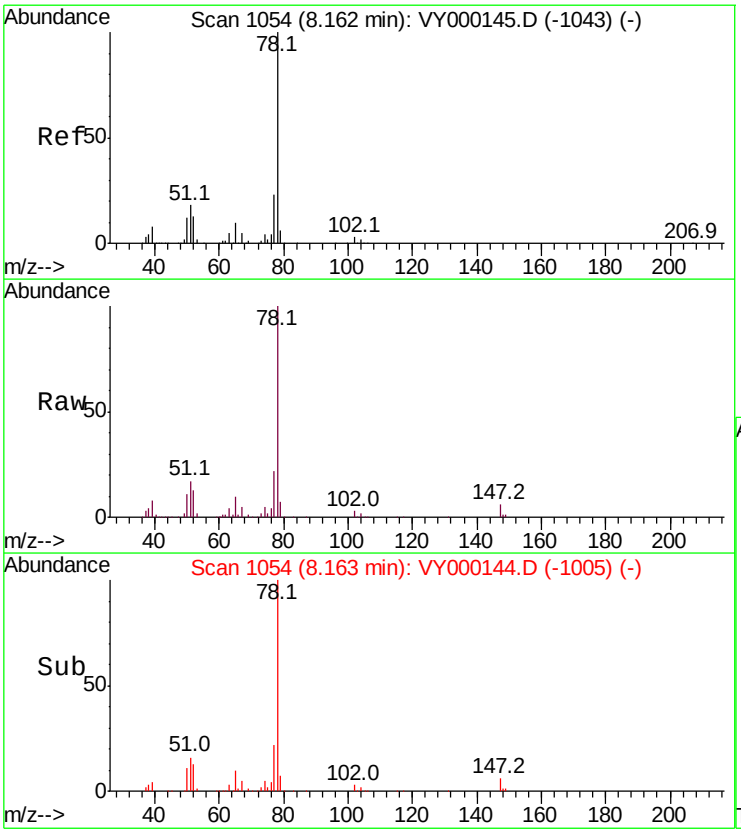

#39
Methylcyclohexane
Concen: 19.527 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 83 Resp: 77134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 58.8 | 49.1 | 73.7 |
| 98 | 58.7 | 40.0 | 60.0 |

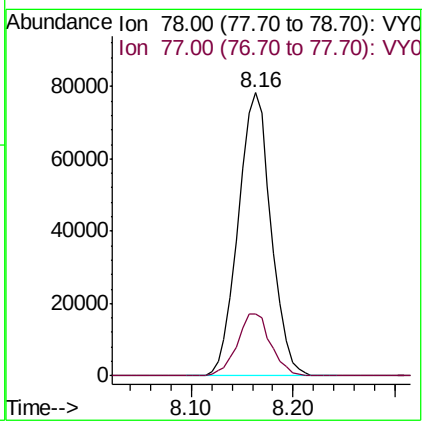


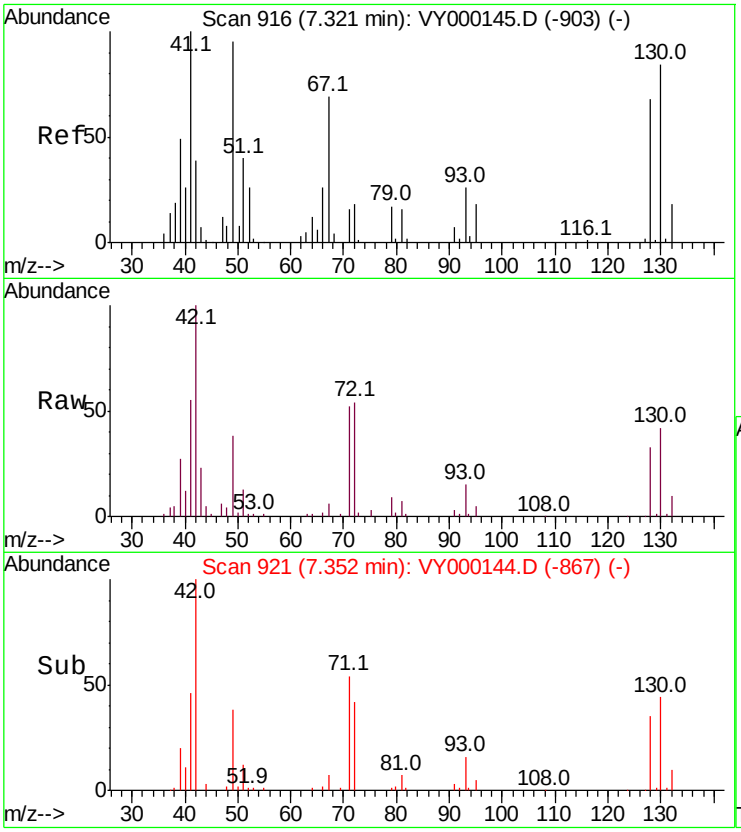




#40
Benzene
Concen: 19.912 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 78 Resp: 175179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 21.7 | 18.2 | 27.4 |



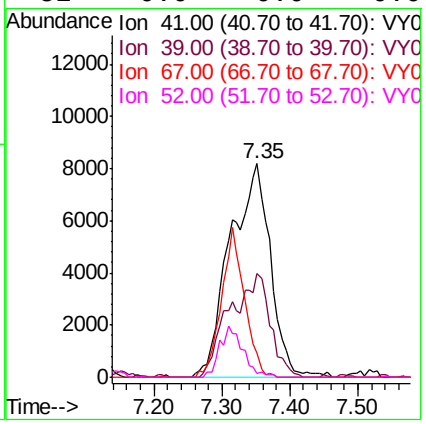


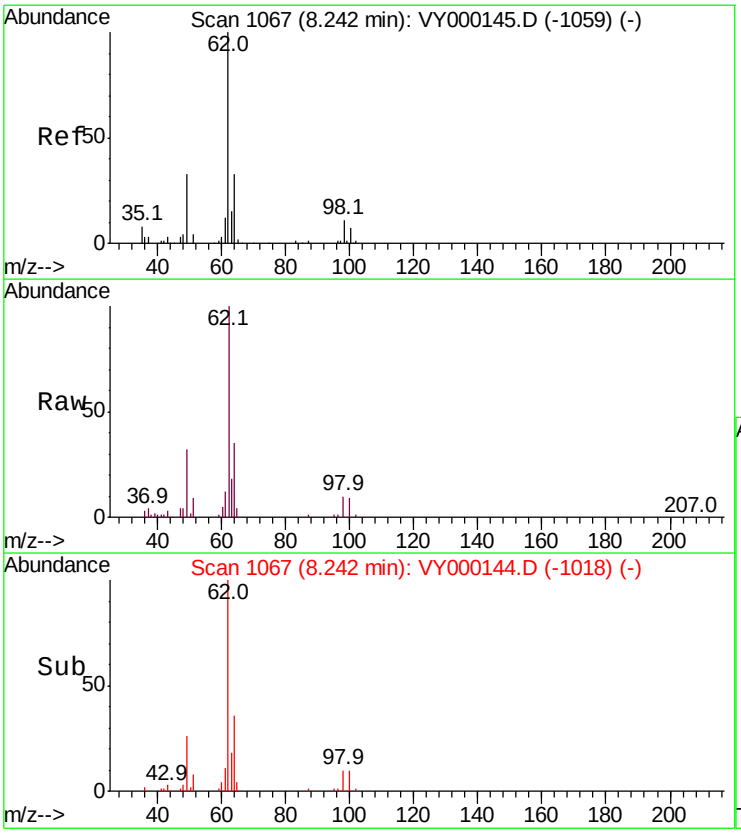

#41
Methacrylonitrile
Concen: 42.313 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.03 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 41 Resp: 33753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 29.2 | 0.0 | 0.0# |
| 67 | 0.0 | 0.0 | 0.0 |
| 52 | 0.0 | 0.0 | 0.0 |

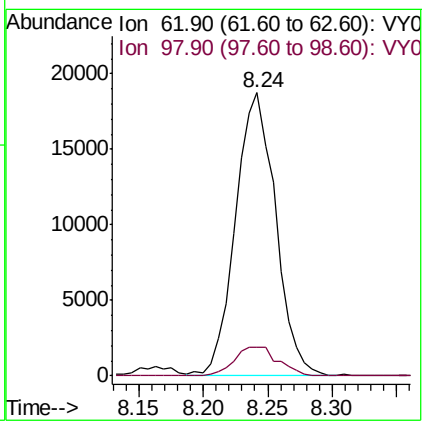


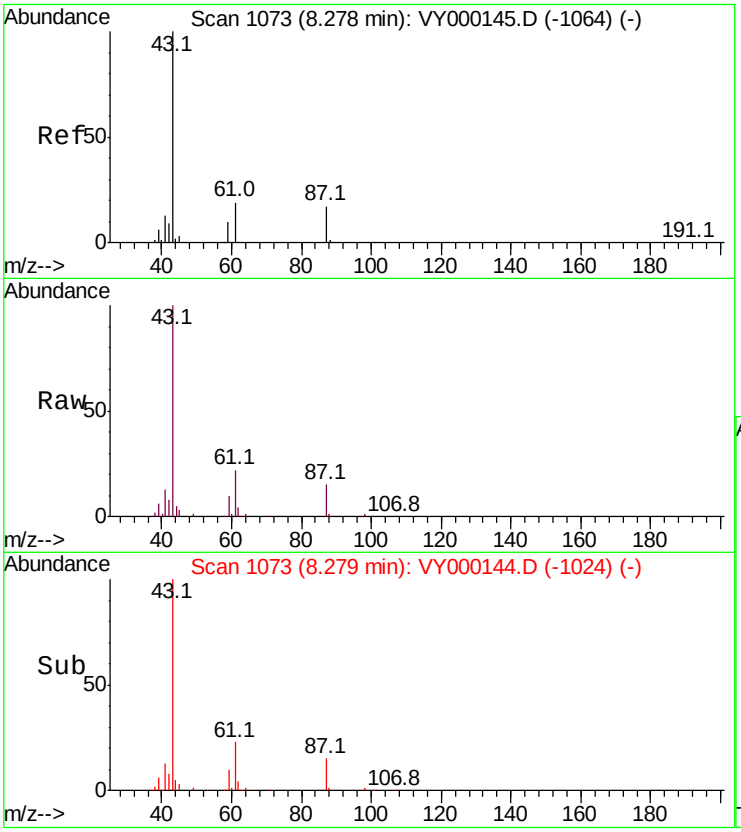




#42
1,2-Dichloroethane
Concen: 18.889 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 62 Resp: 40432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 11.2 | 0.0 | 24.8 |



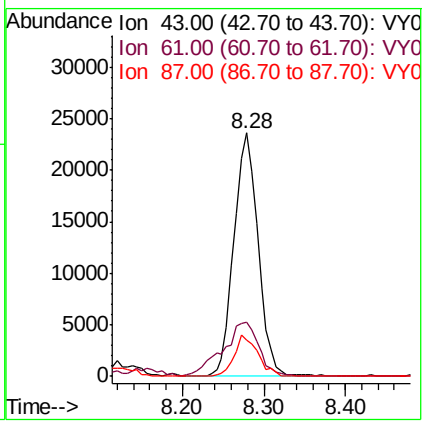


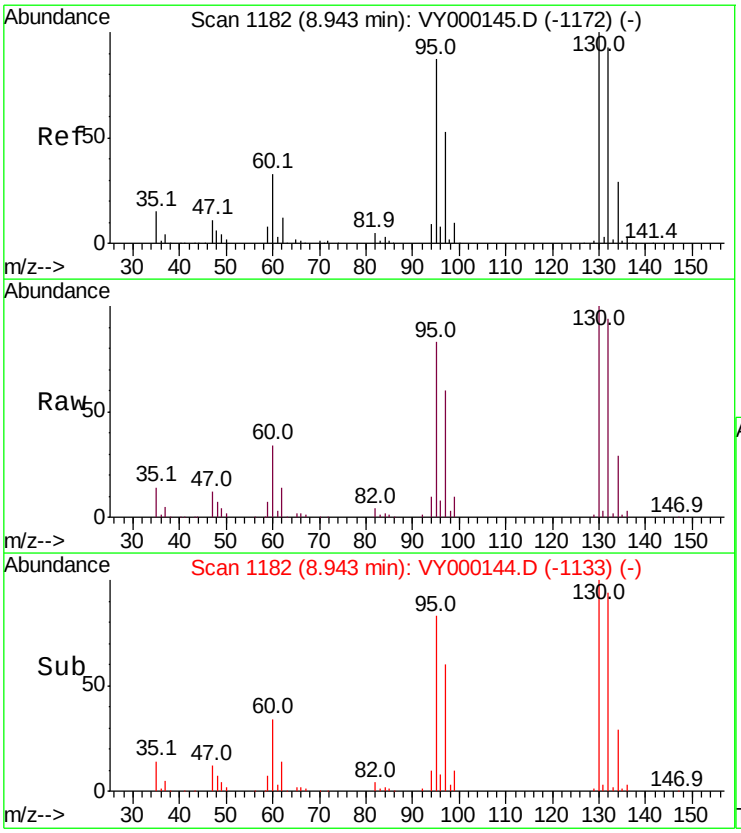

#43
Isopropyl Acetate
Concen: 17.779 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 43 Resp: 48317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 33.6 | 25.6 | 38.4 |
| 87 | 16.3 | 13.5 | 20.3 |

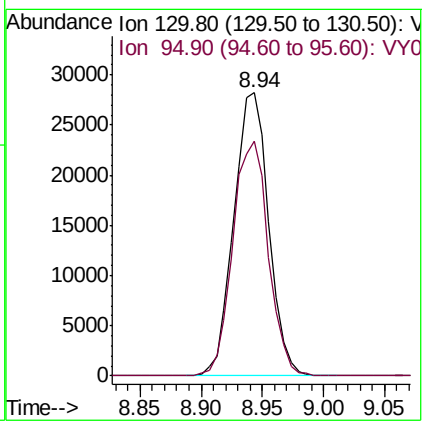


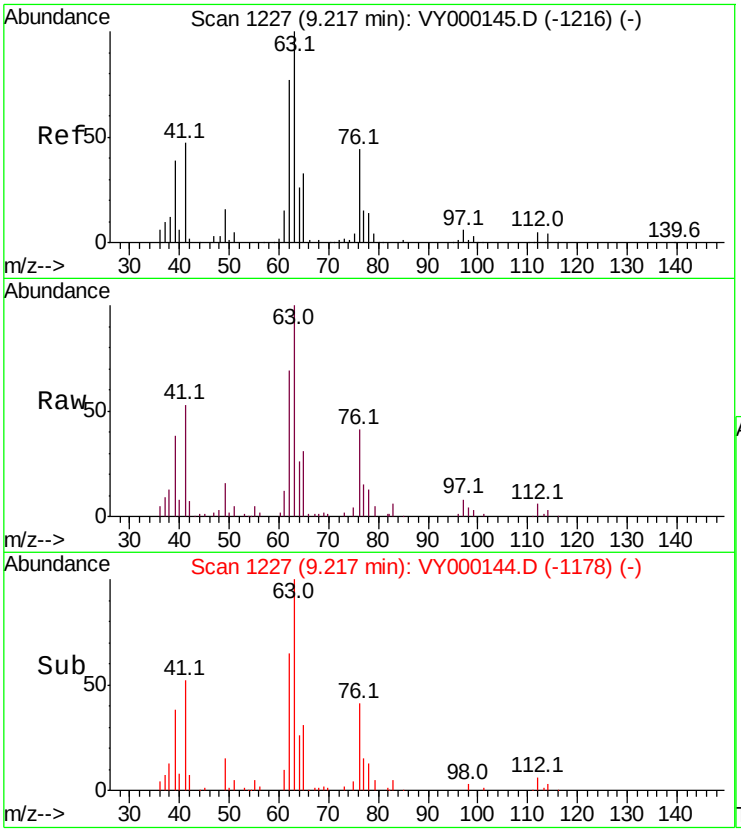




#44
Trichloroethene
Concen: 19.836 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion:130 Resp: 55765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 82.8 | 0.0 | 174.8 |



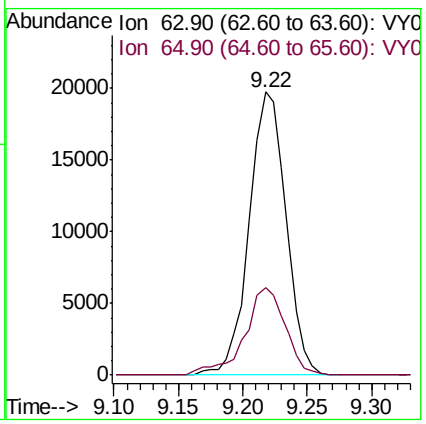


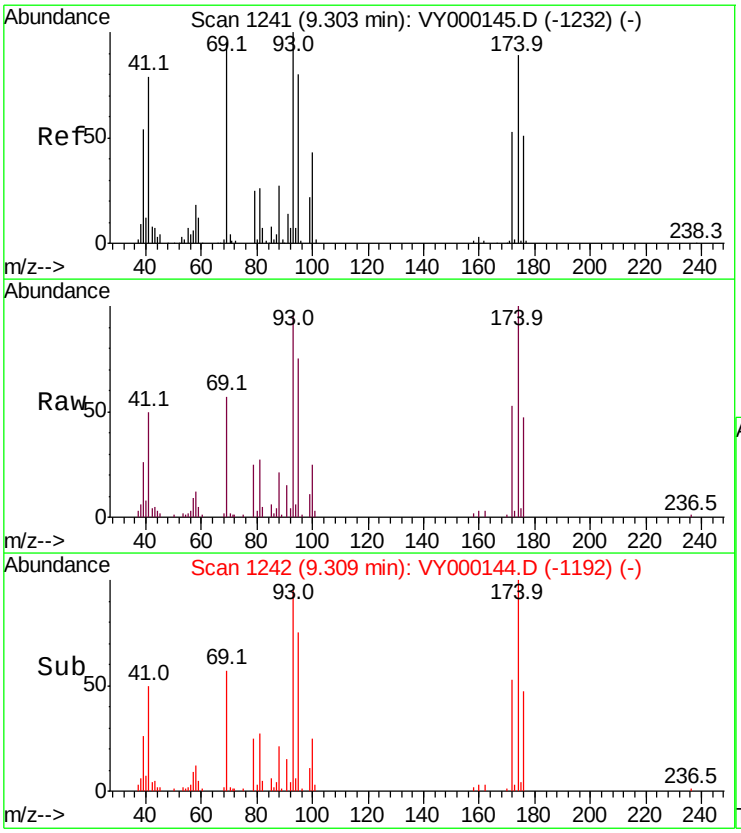

#45
1,2-Dichloropropane
Concen: 20.097 ug/l
RT: 9.22 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 63 Resp: 39003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.1 | 26.8 | 40.2 |

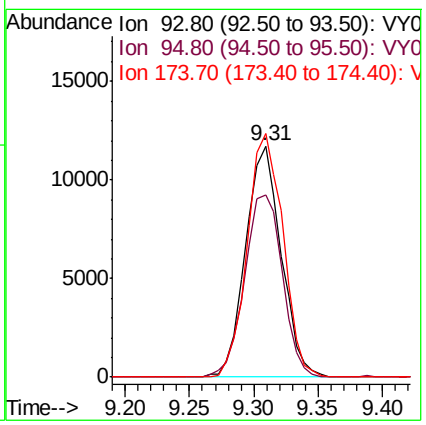


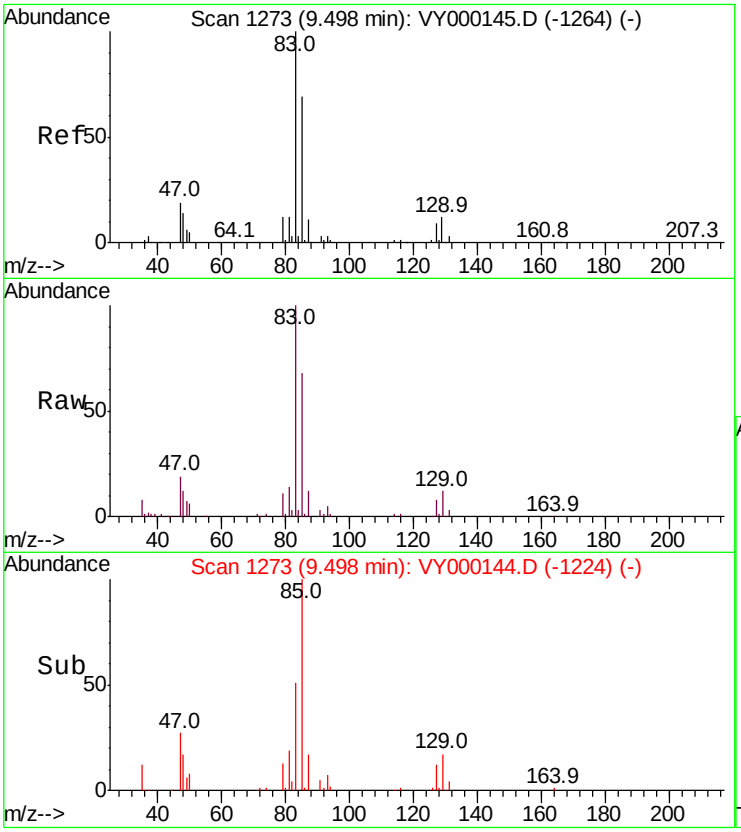




#46
Dibromomethane
Concen: 18.832 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 93 Resp: 22305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.7 | 66.3 | 99.5 |
| 174 | 105.6 | 87.3 | 130.9 |



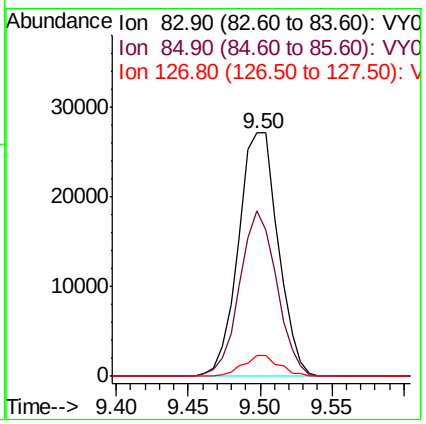


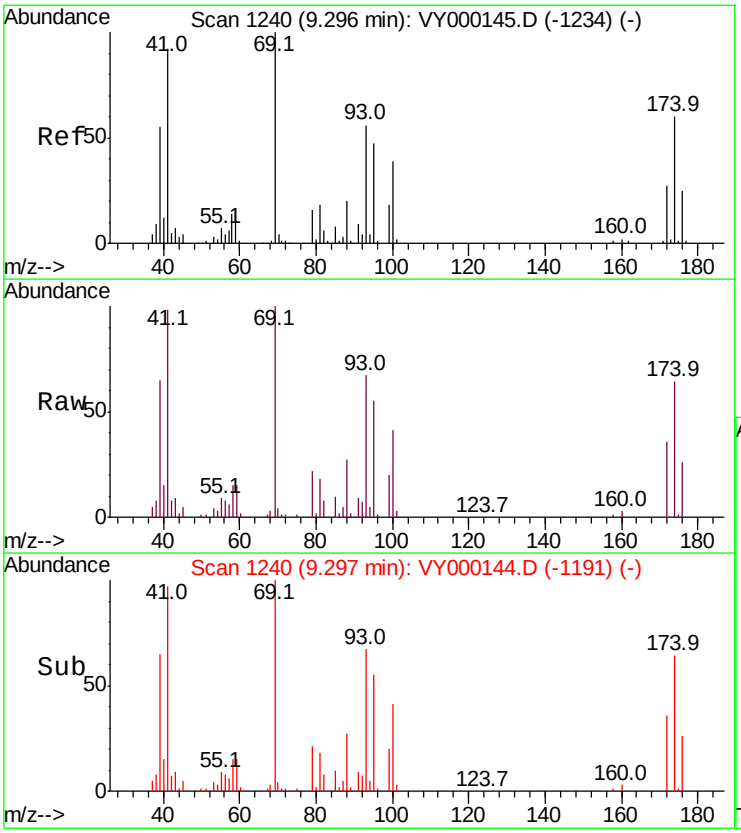

#47
Bromodichloromethane
Concen: 19.500 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 83 Resp: 52060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 67.9 | 55.1 | 82.7 |
| 127 | 8.4 | 6.9 | 10.3 |

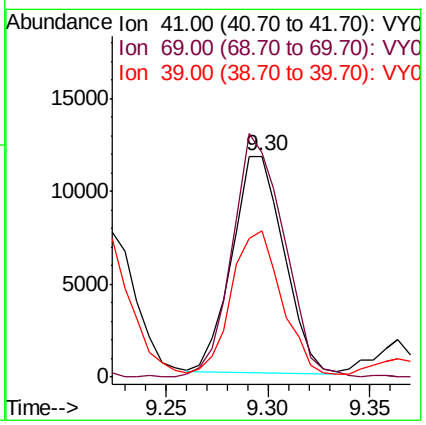


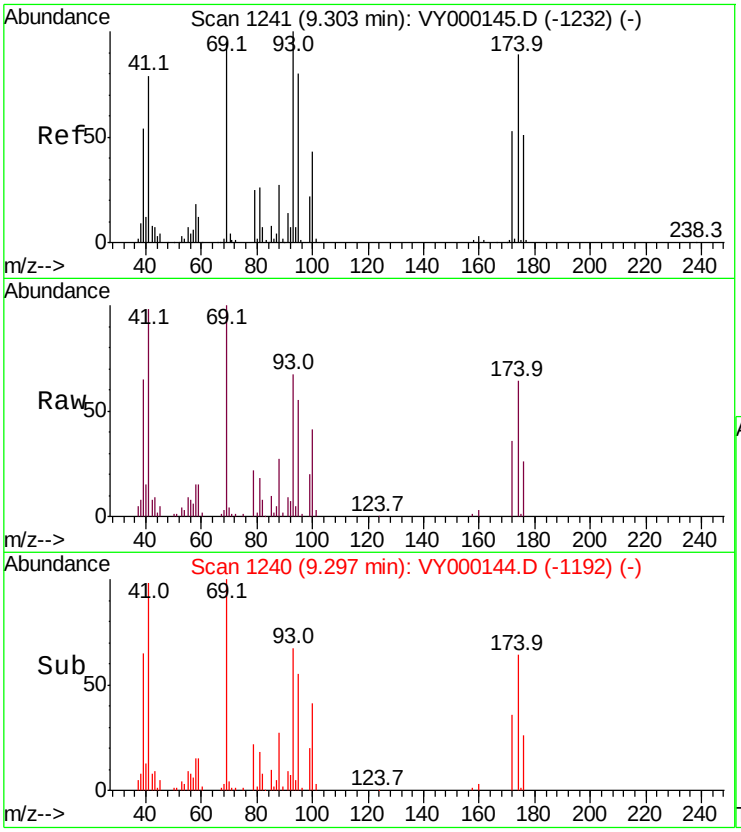




#48
Methyl methacrylate
Concen: 16.892 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 41 Resp: 20556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 111.9 | 86.5 | 129.7 |
| 39 | 66.9 | 51.0 | 76.6 |



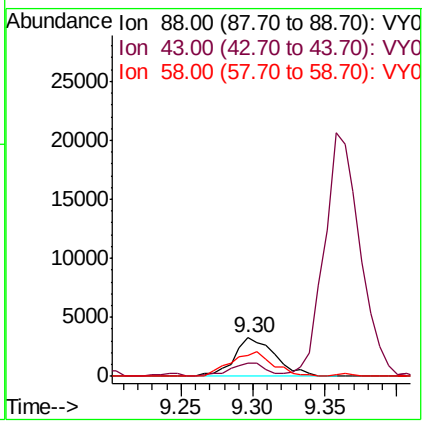


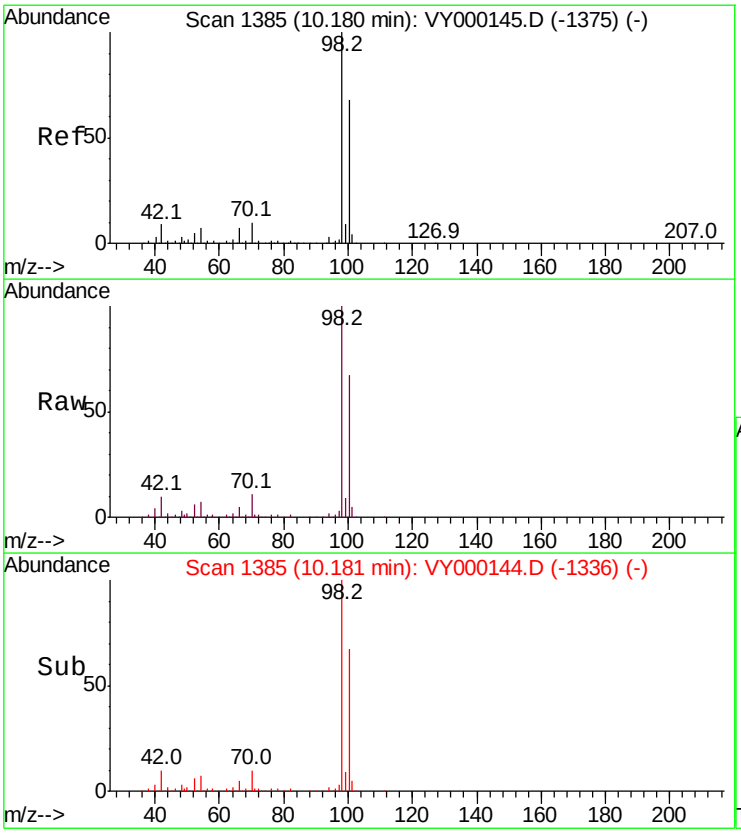

#49
1,4-Dioxane
Concen: 348.337 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 88 Resp: 6374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 31.4 | 24.4 | 36.6 |
| 58 | 66.1 | 49.2 | 73.8 |

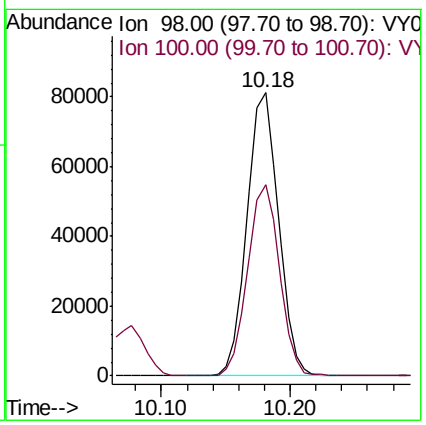


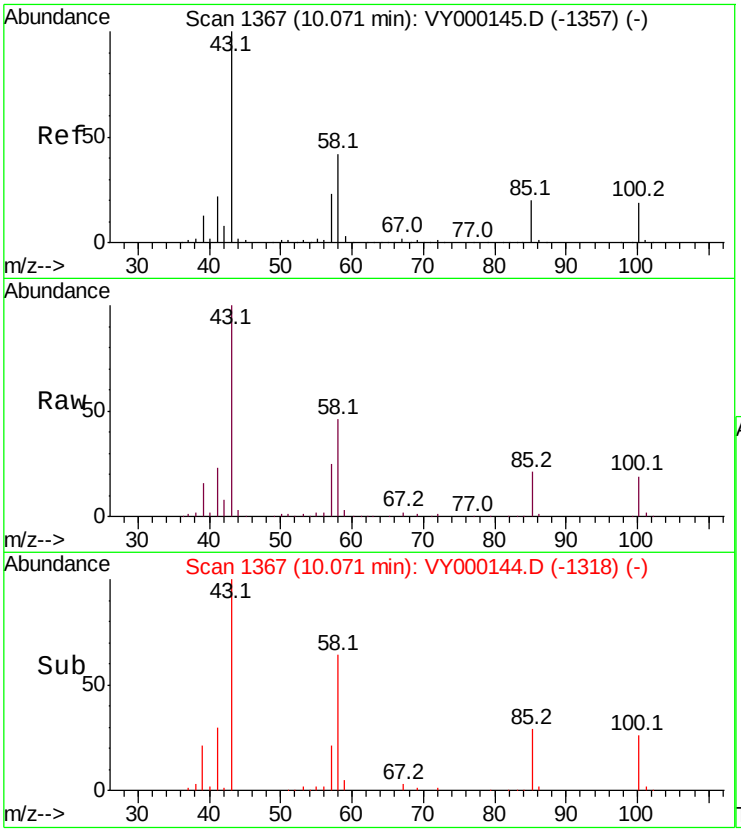




#50
Toluene-d8
Concen: 18.450 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 98 Resp: 137029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 68.3 | 54.2 | 81.2 |



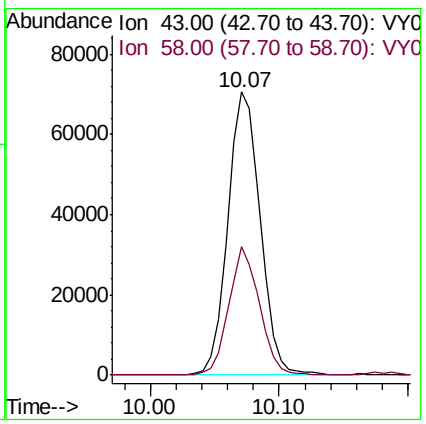


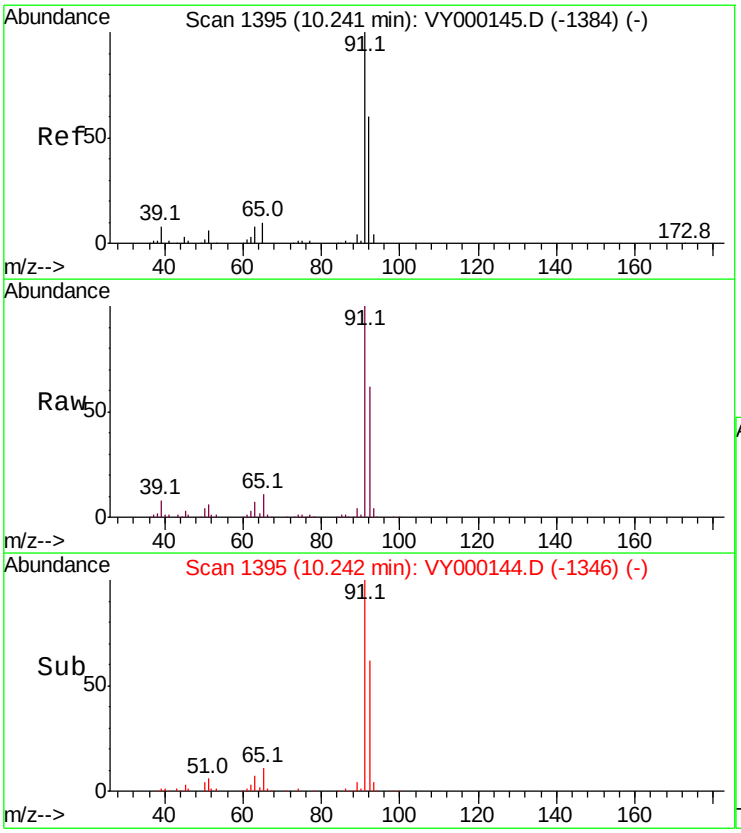

#51
4-Methyl-2-Pentanone
Concen: 87.433 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 43 Resp: 123330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 43.3 | 33.6 | 50.4 |

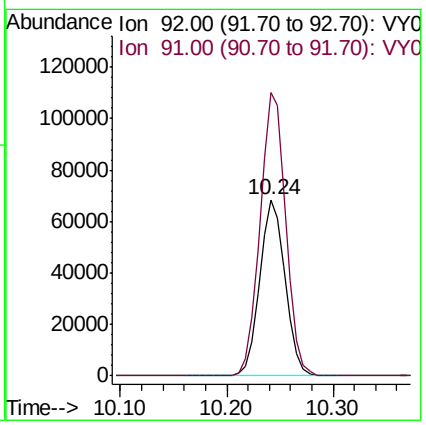


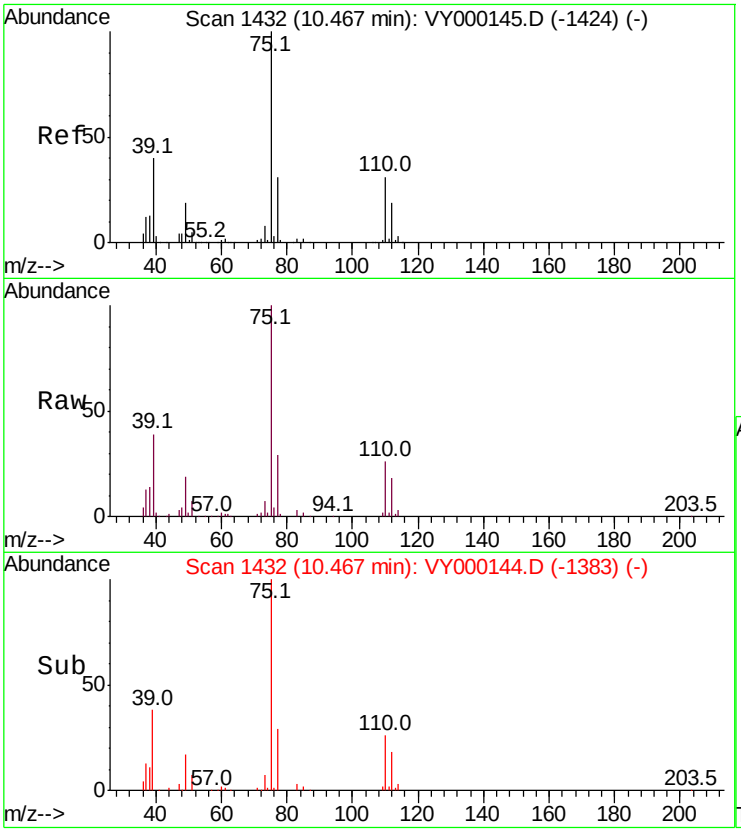




#52
Toluene
Concen: 20.094 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 92 Resp: 114487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 162.6 | 134.6 | 201.8 |



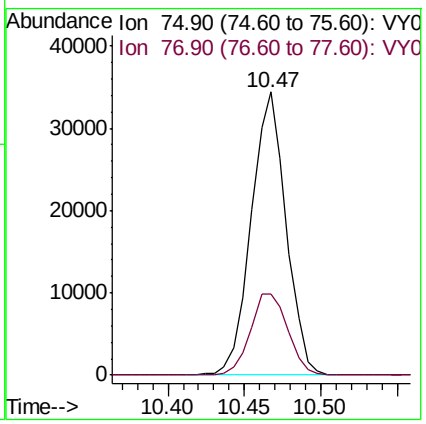


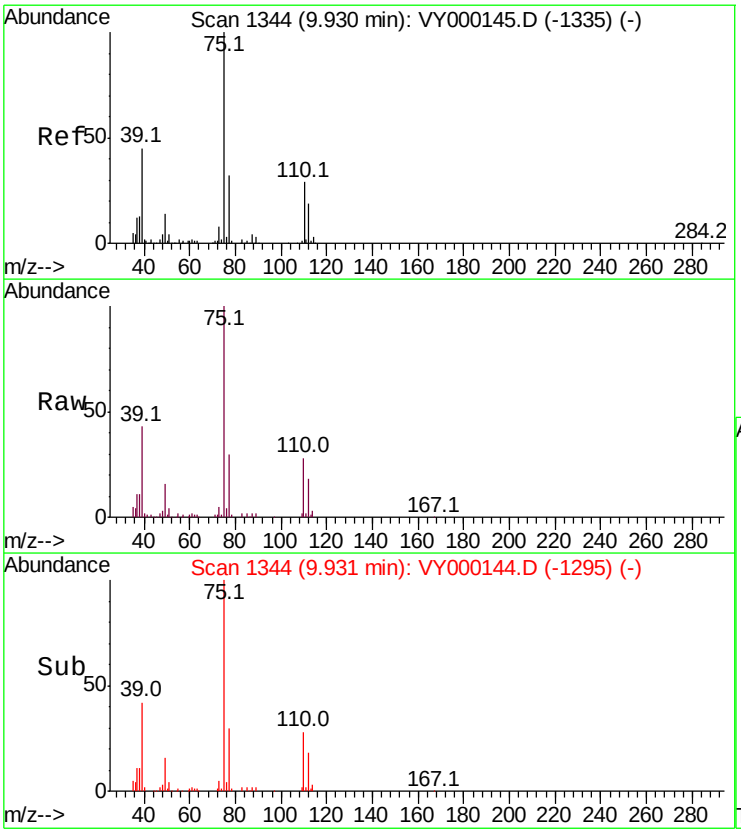

#53
t-1,3-Dichloropropene
Concen: 19.430 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 75 Resp: 54488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 28.6 | 25.0 | 37.4 |

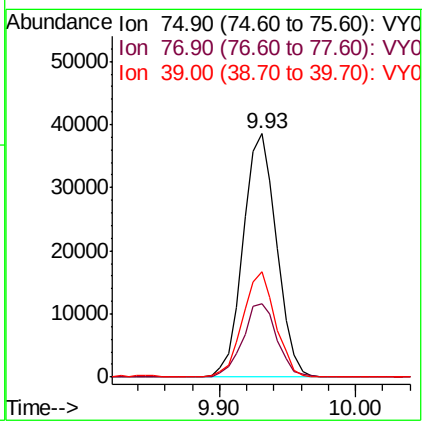


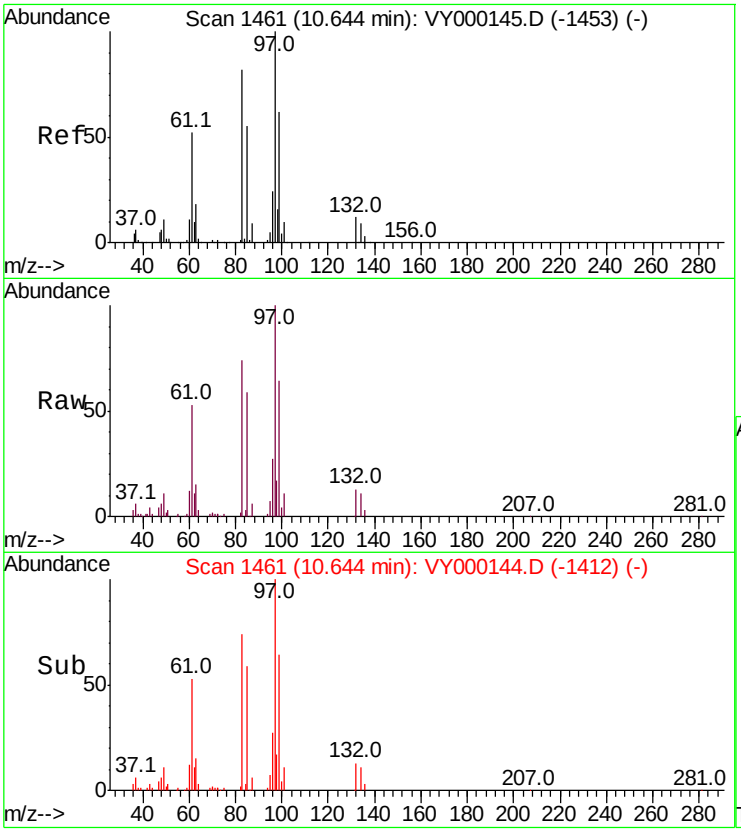




#54
cis-1,3-Dichloropropene
Concen: 19.920 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 75 Resp: 66201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 29.9 | 25.4 | 38.0 |
| 39 | 43.1 | 35.8 | 53.6 |



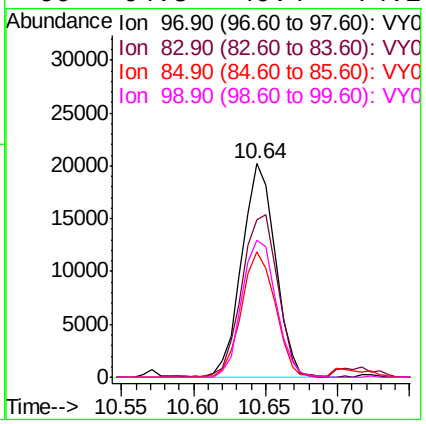


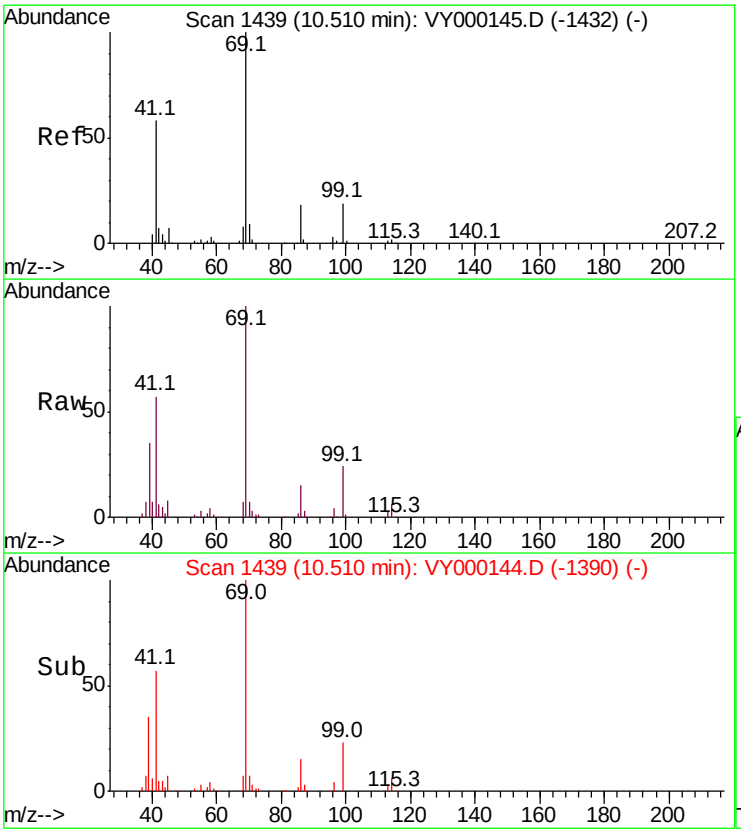

#55
1,1,2-Trichloroethane
Concen: 18.566 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 97 Resp: 32697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 73.3 | 65.7 | 98.5 |
| 85 | 59.0 | 44.1 | 66.1 |
| 99 | 64.3 | 49.4 | 74.2 |

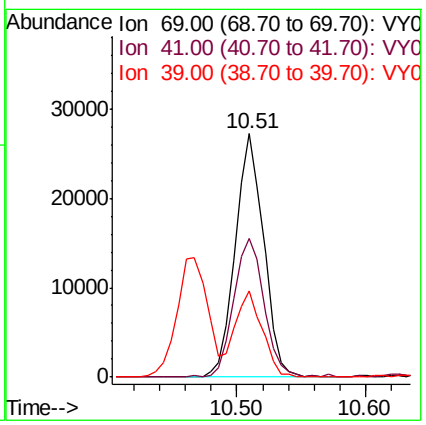


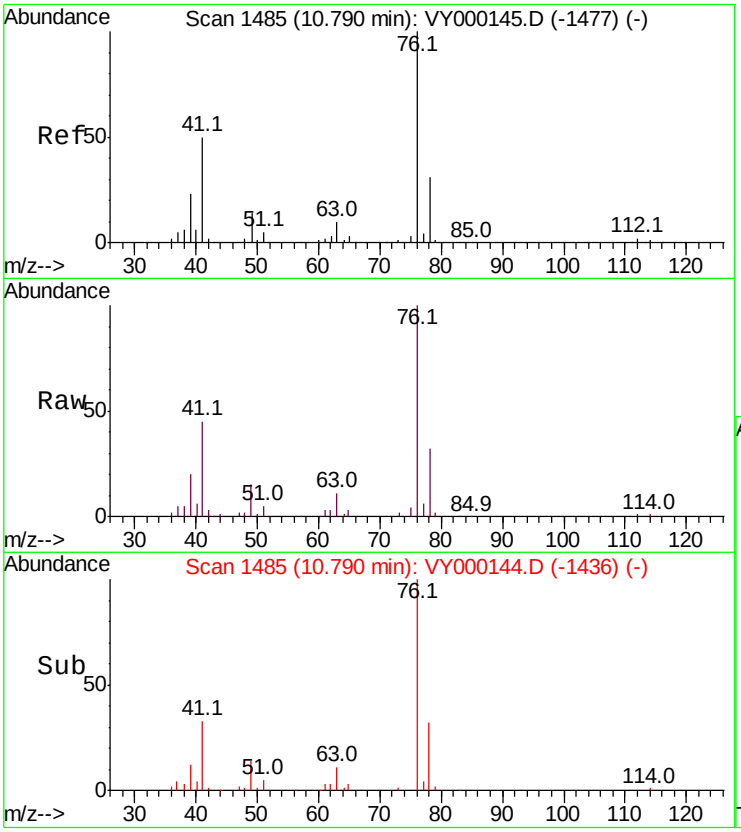




#56
Ethyl methacrylate
Concen: 18.165 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 69 Resp: 41613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 60.0 | 45.8 | 68.8 |
| 39 | 34.6 | 27.8 | 41.8 |



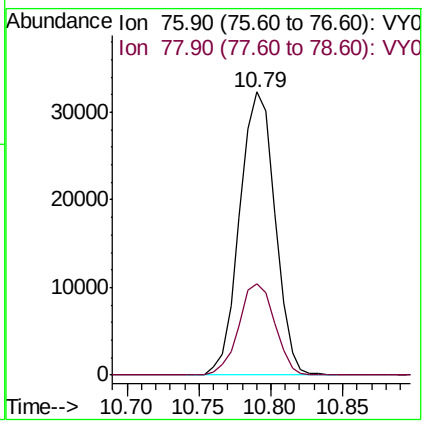


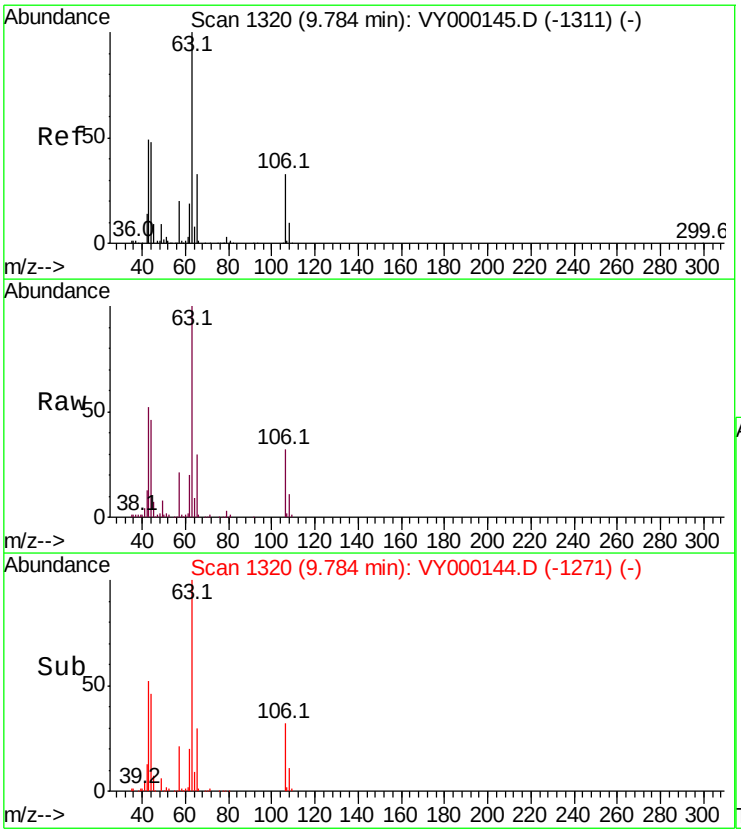

#57
1,3-Dichloropropane
Concen: 19.409 ug/l
RT: 10.79 min Scan# 1485
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 76 Resp: 54927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.8 | 25.4 | 38.0 |

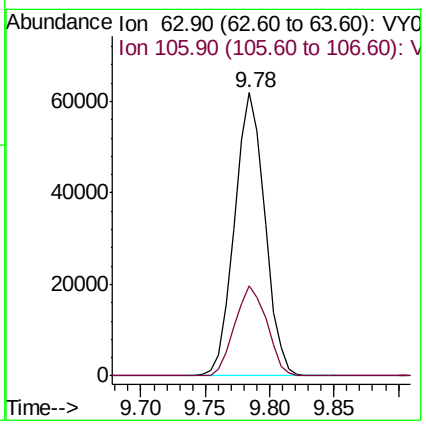


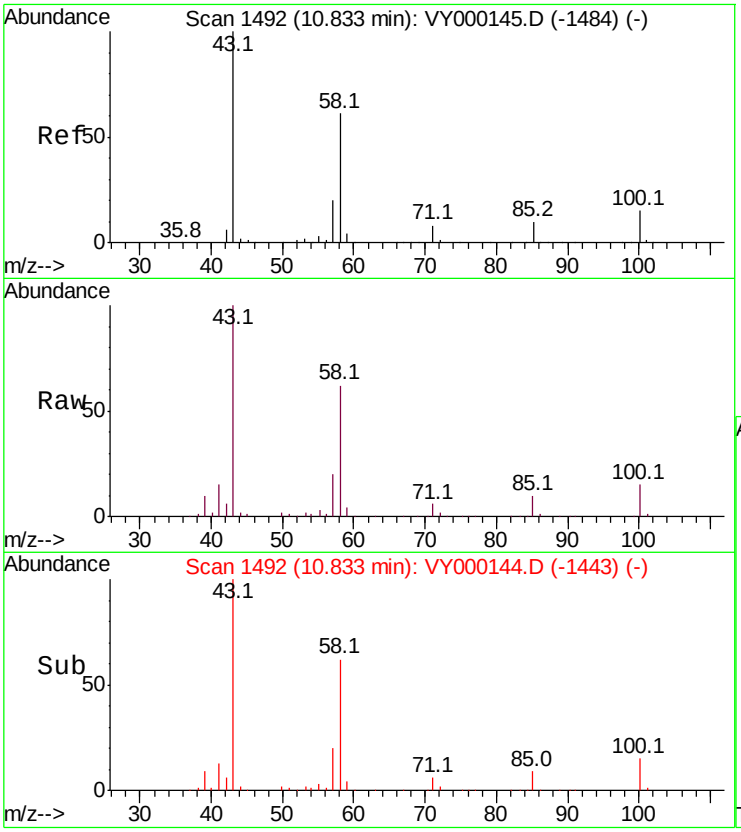




#58
2-Chloroethyl Vinyl ether
Concen: 93.926 ug/l
RT: 9.78 min Scan# 1320
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 63 Resp: 101062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 33.6 | 27.0 | 40.6 |



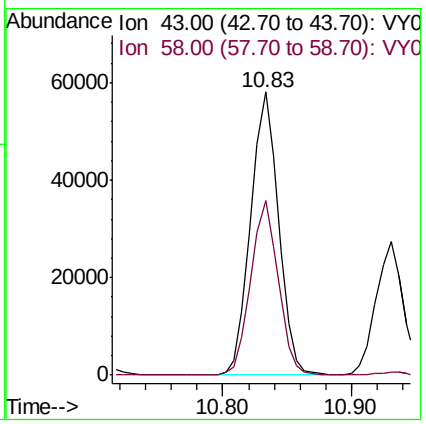


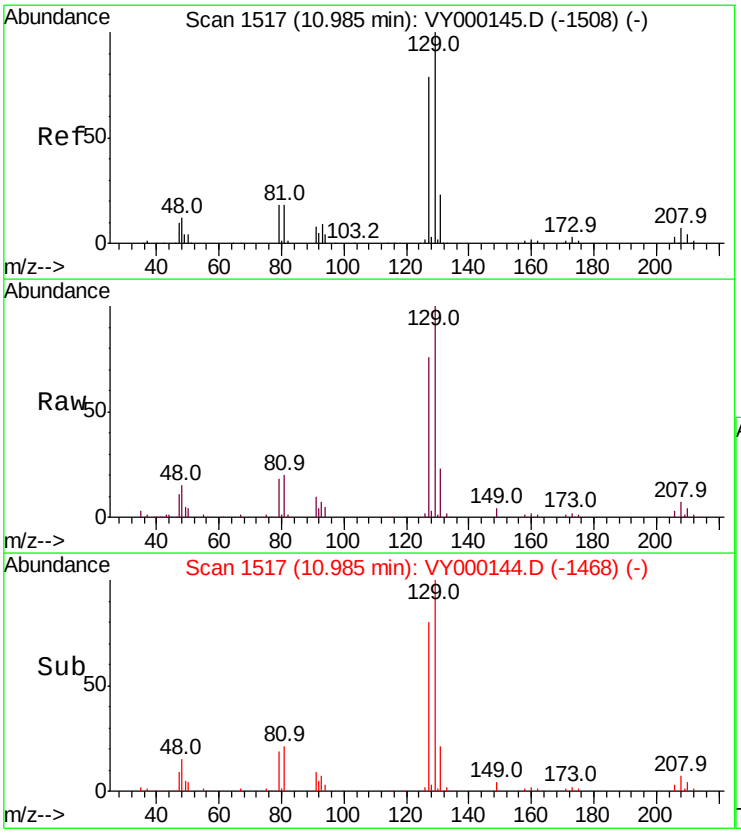

#59
2-Hexanone
Concen: 86.525 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 43 Resp: 86745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 60.7 | 29.5 | 88.5 |

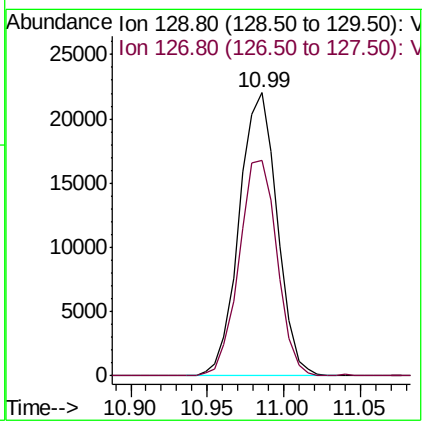


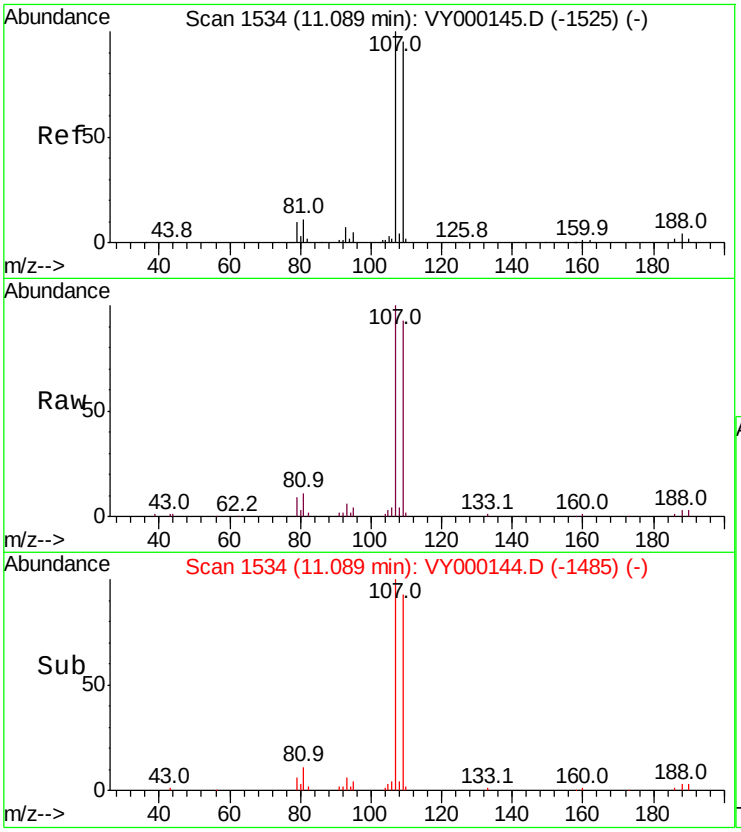




#60
Dibromochloromethane
Concen: 19.098 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion:129 Resp: 38020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.2 | 39.4 | 118.1 |



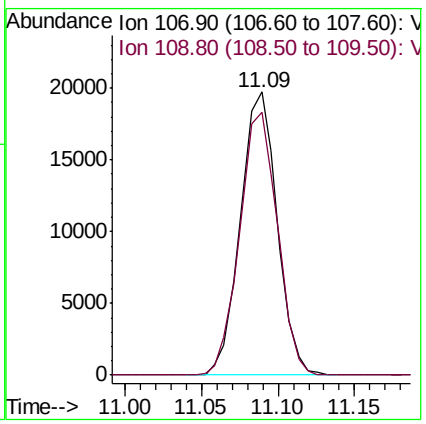


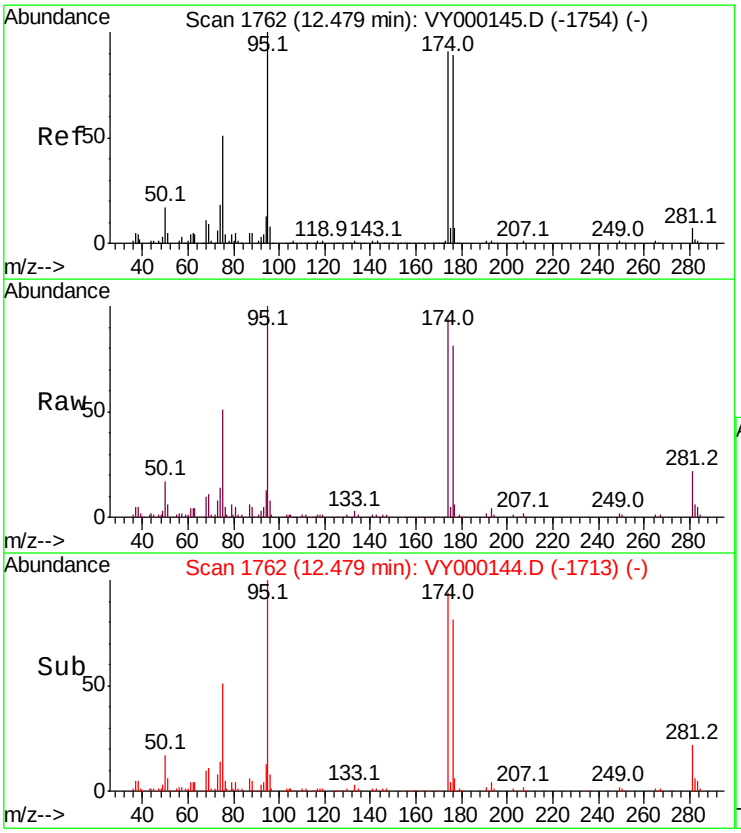

#61
1,2-Dibromoethane
Concen: 19.585 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion:107 Resp: 32913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 95.6 | 75.8 | 113.8 |

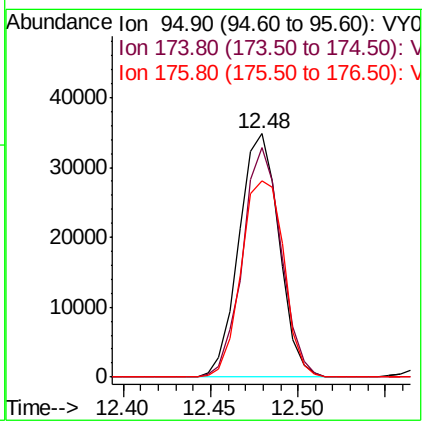


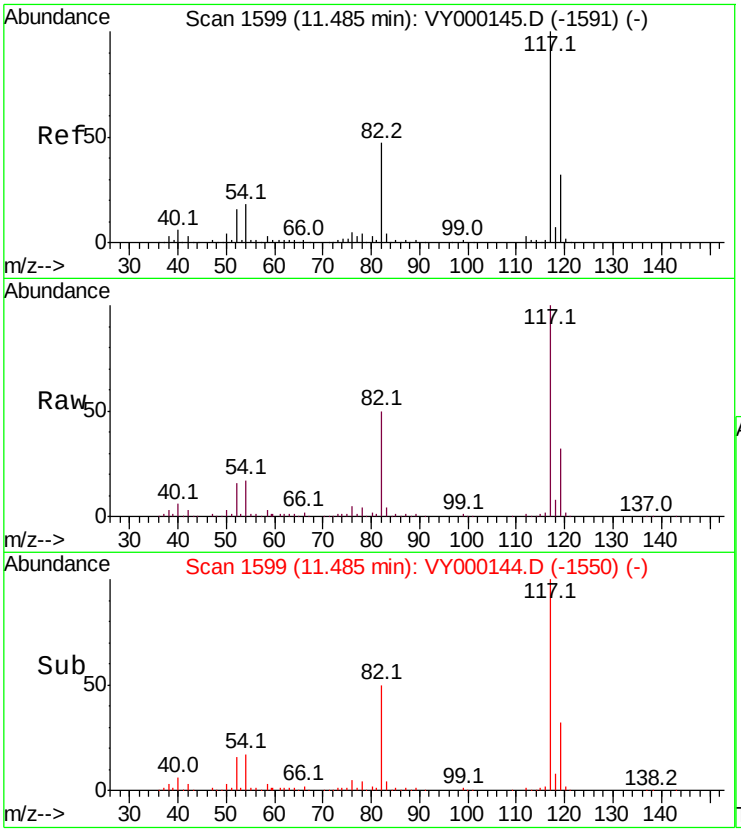




#62
4-Bromofluorobenzene
Concen: 20.648 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 95 Resp: 55895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 90.9 | 0.0 | 180.6 |
| 176 | 85.8 | 0.0 | 171.6 |



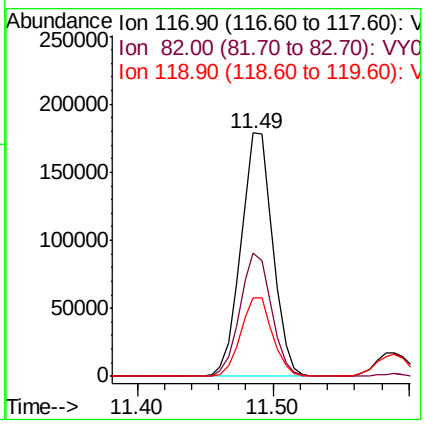


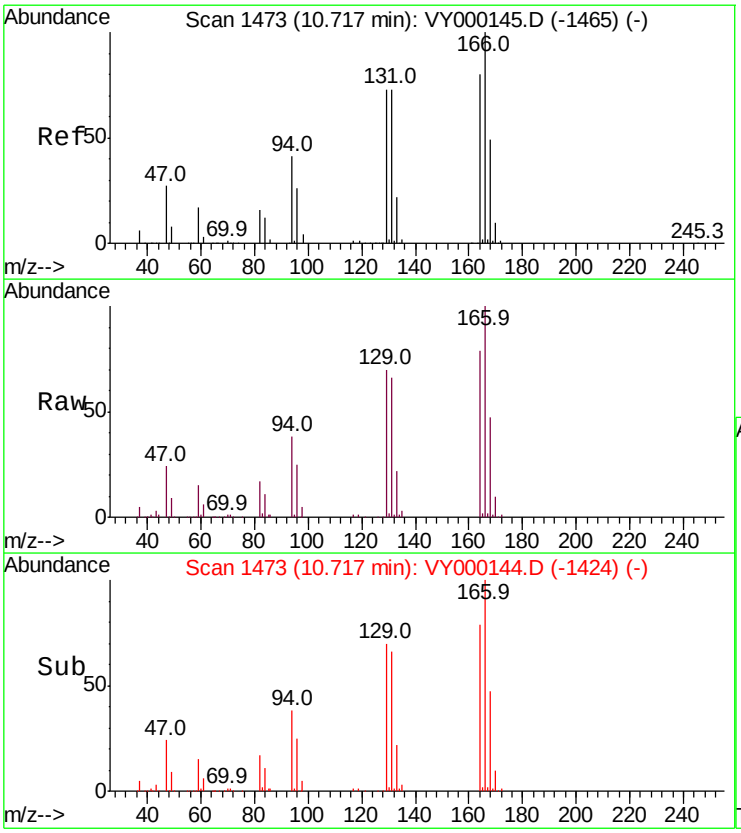

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion:117 Resp: 291940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 50.4 | 37.7 | 56.5 |
| 119 | 32.5 | 25.4 | 38.2 |

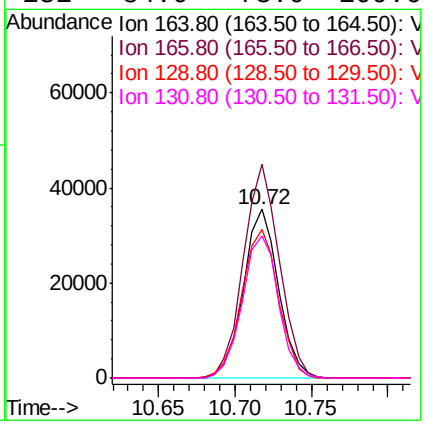


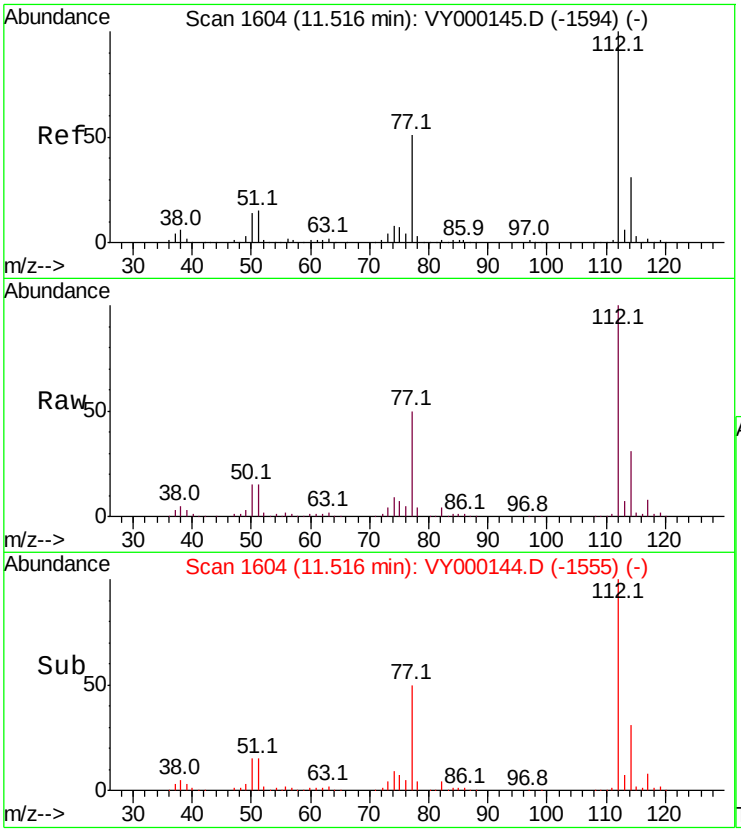




#64
Tetrachloroethene
Concen: 19.574 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion:164 Resp: 56609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 126.7 | 99.5 | 149.3 |
| 129 | 88.1 | 72.8 | 109.2 |
| 131 | 84.0 | 73.0 | 109.6 |



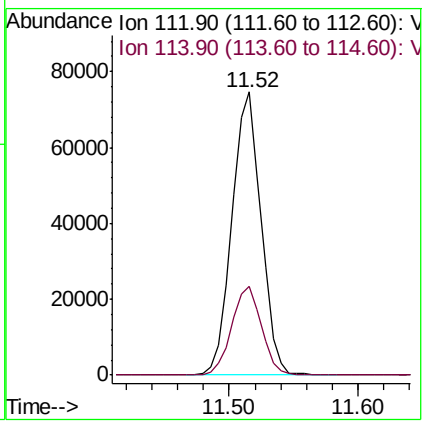


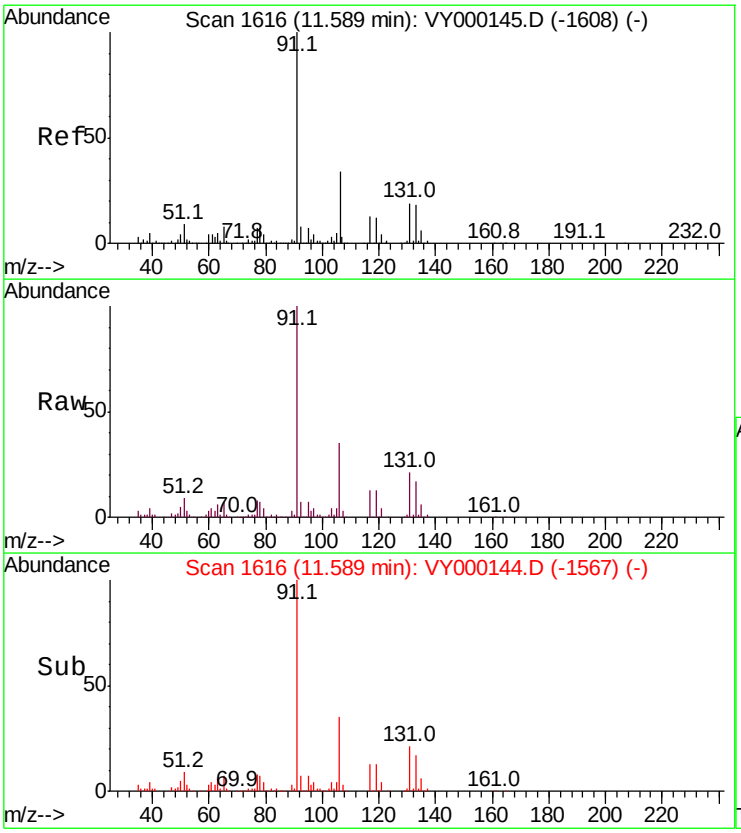

#65
Chlorobenzene
Concen: 19.282 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion:112 Resp: 117145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.4 | 25.1 | 37.7 |

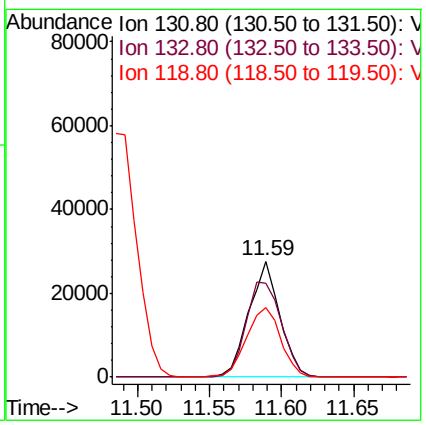


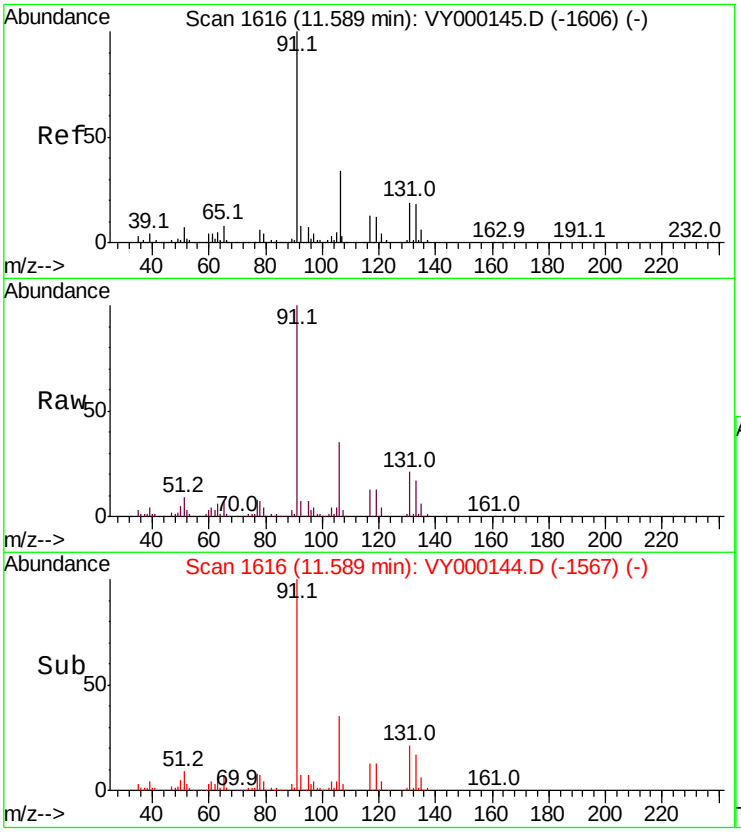




#66
1,1,1,2-Tetrachloroethane
Concen: 20.000 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion:131 Resp: 41058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.0 | 47.2 | 141.6 |
| 119 | 65.8 | 32.3 | 96.9 |



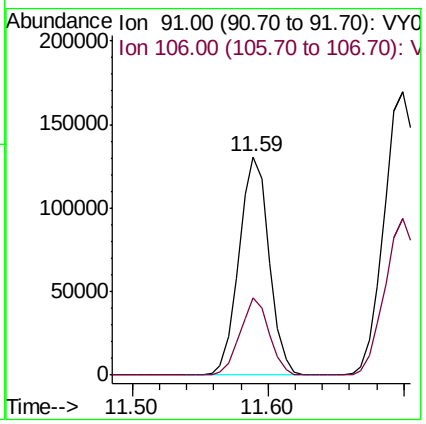


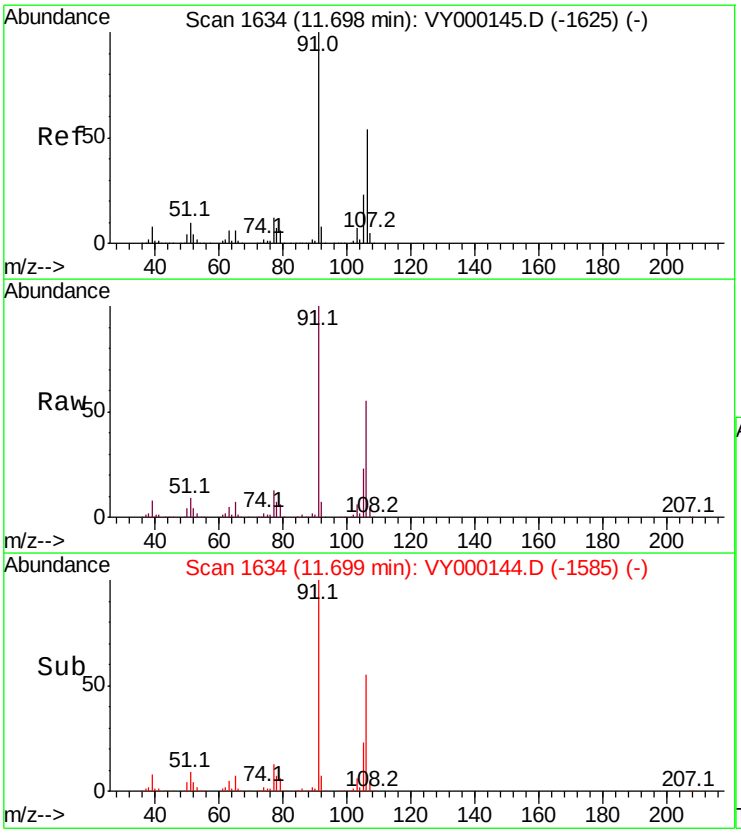

#67
Ethyl Benzene
Concen: 19.406 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 91 Resp: 201532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 35.2 | 27.3 | 40.9 |

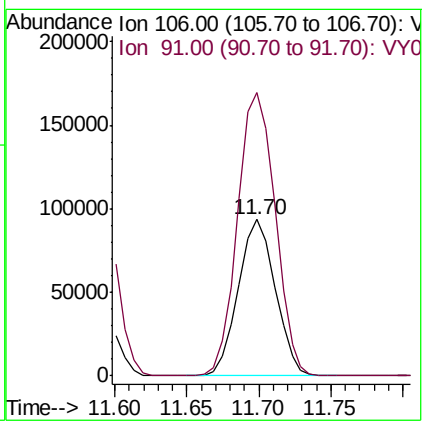


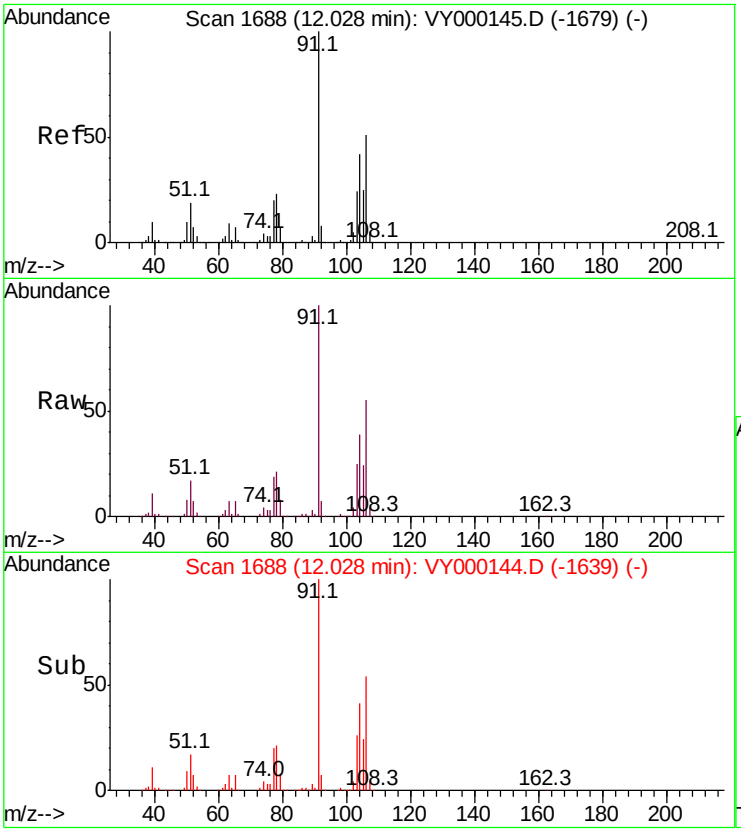




#68
m/p-Xylenes
Concen: 39.843 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion:106 Resp: 167271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 183.8 | 148.6 | 223.0 |



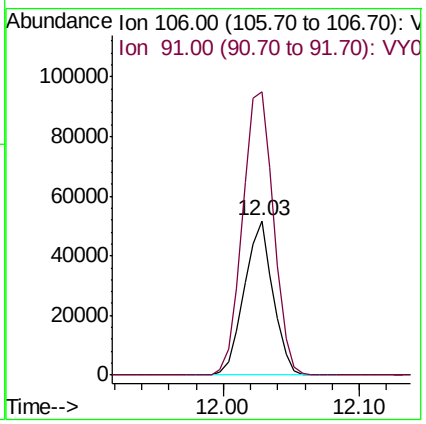


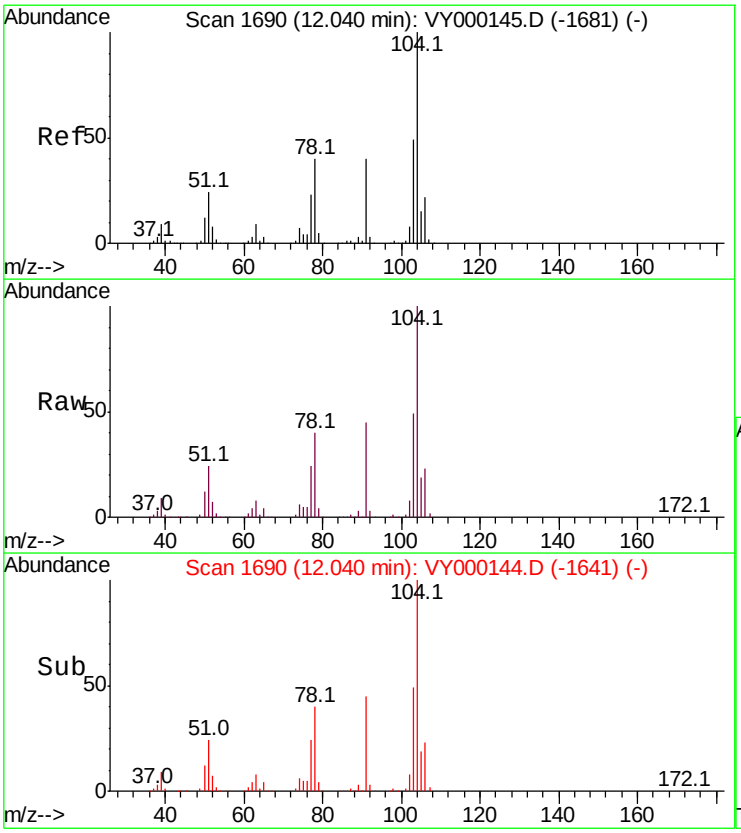

#69
o-Xylene
Concen: 19.086 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion:106 Resp: 76420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 198.7 | 98.0 | 293.9 |

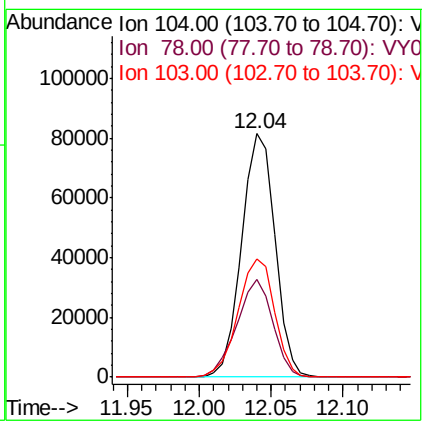


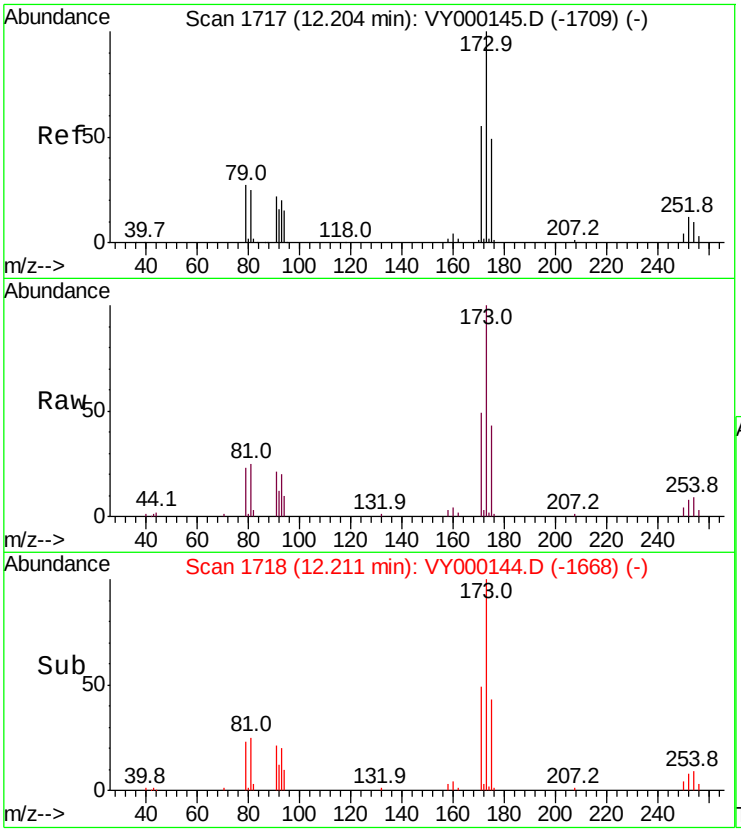




#70
Styrene
Concen: 19.247 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion:104 Resp: 130419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 43.5 | 34.7 | 52.1 |
| 103 | 53.3 | 41.6 | 62.4 |



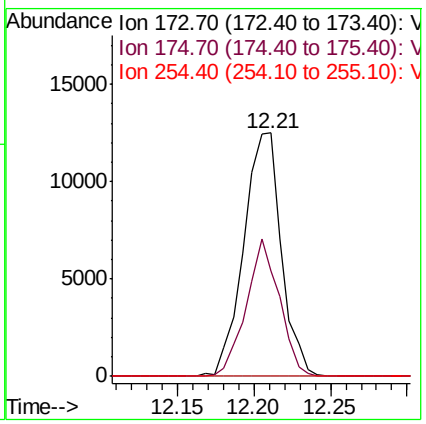


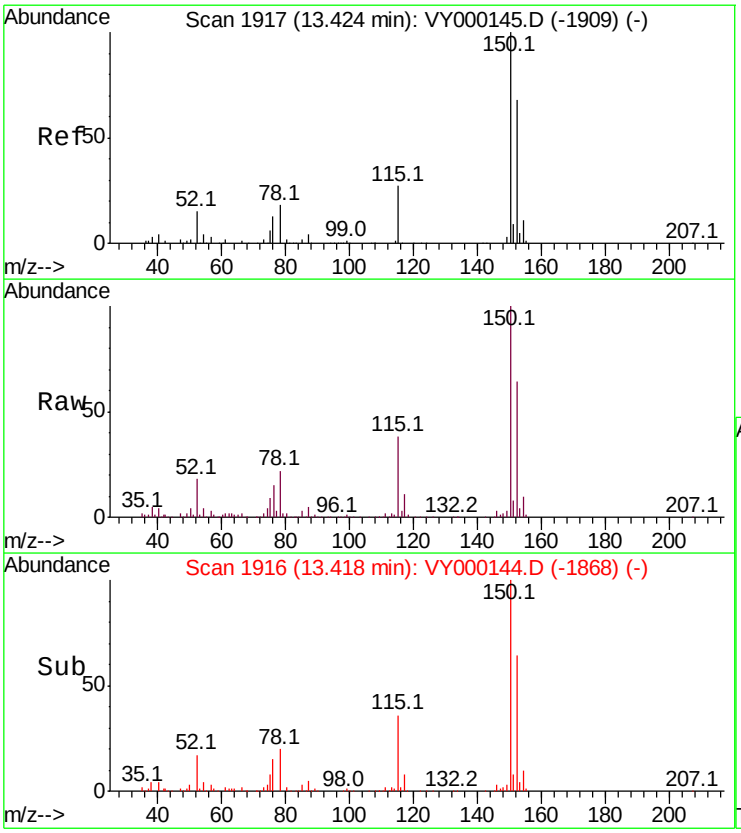

#71
Bromoform
Concen: 17.736 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion:173 Resp: 21396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.5 | 23.5 | 70.6 |
| 254 | 0.0 | 0.1 | 0.1# |

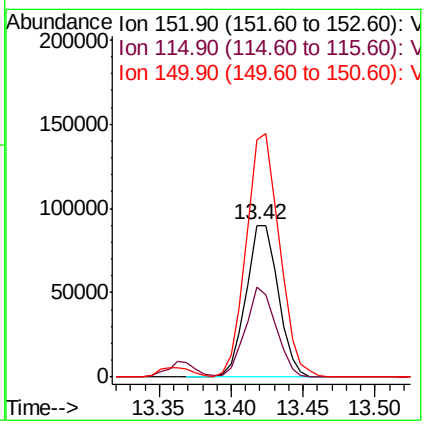


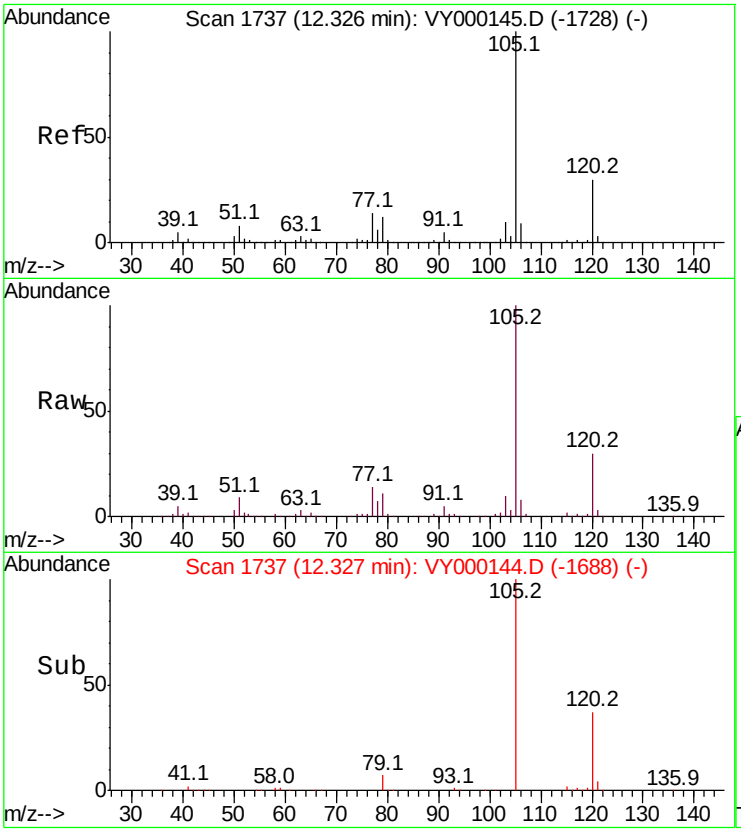




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion:152 Resp: 138903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 56.5 | 26.8 | 80.4 |
| 150 | 165.7 | 0.0 | 347.8 |



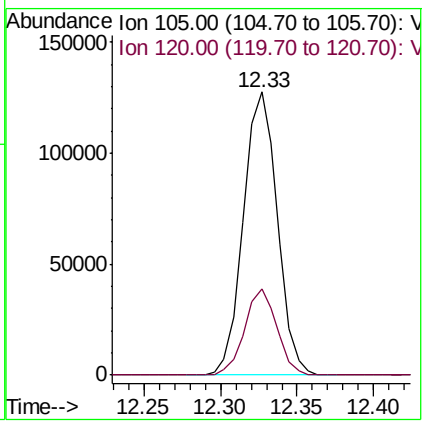


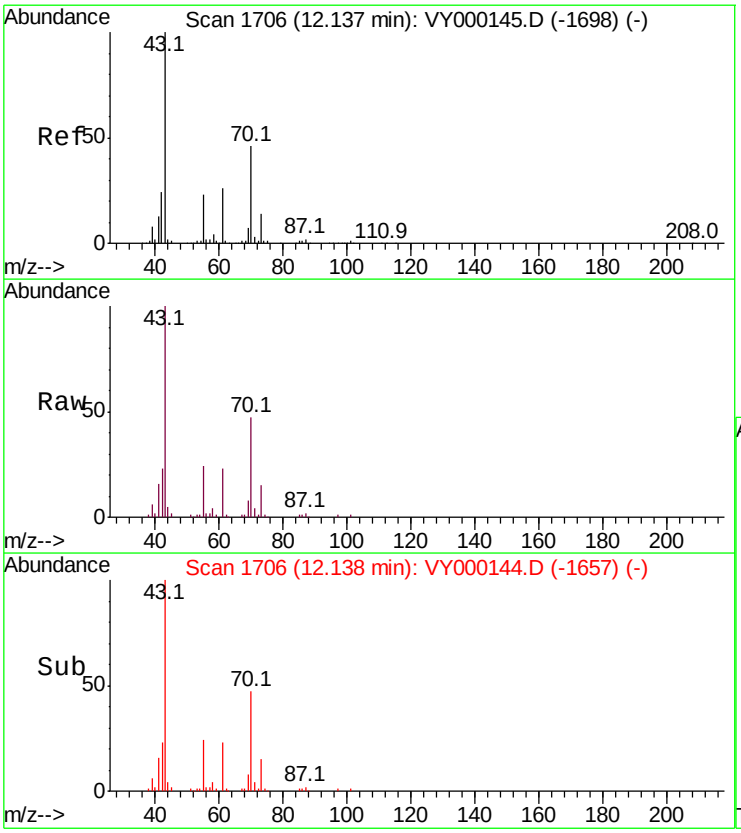

#73
Isopropylbenzene
Concen: 19.636 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion:105 Resp: 196786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 28.8 | 14.7 | 44.1 |

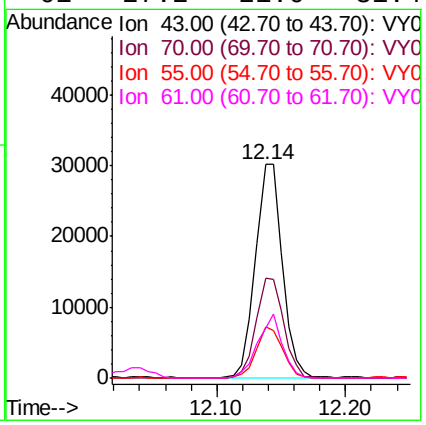


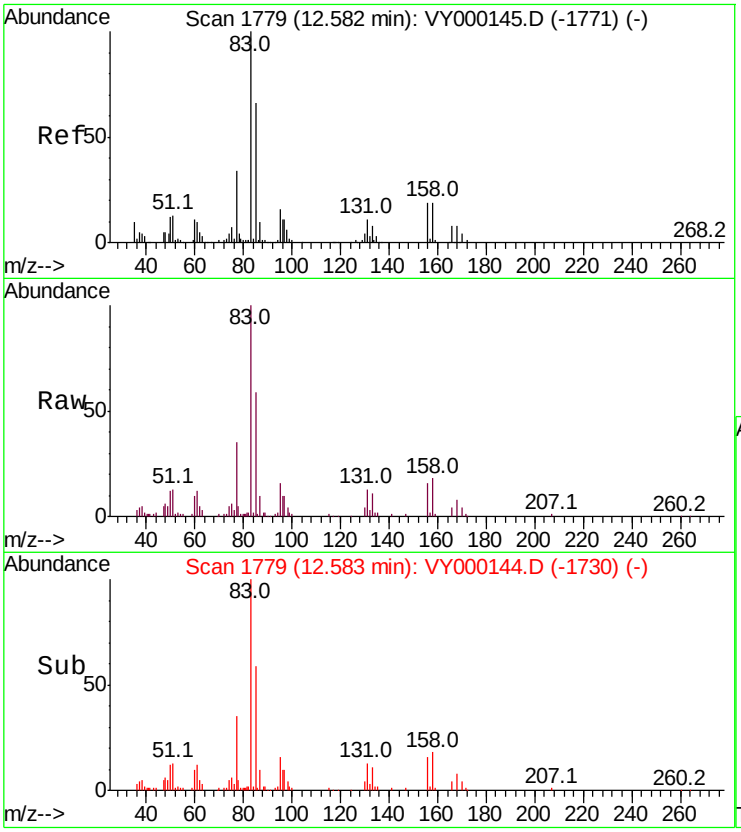




#74
N-amyl acetate
Concen: 18.031 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 43 Resp: 43741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 47.7 | 37.3 | 55.9 |
| 55 | 23.2 | 18.6 | 27.8 |
| 61 | 27.2 | 21.0 | 31.4 |



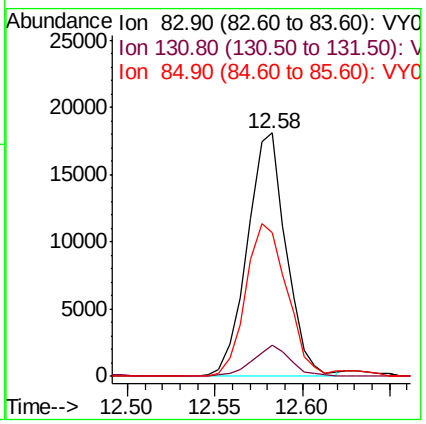


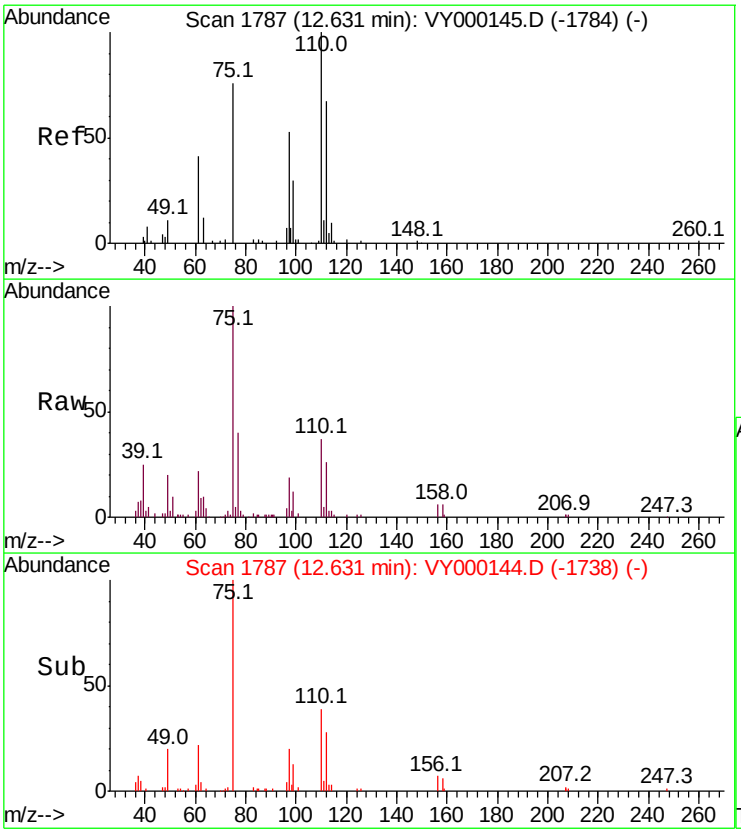

#75
1,1,2,2-Tetrachloroethane
Concen: 17.938 ug/l
RT: 12.58 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 83 Resp: 27983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 12.3 | 5.4 | 16.2 |
| 85 | 66.3 | 32.5 | 97.5 |

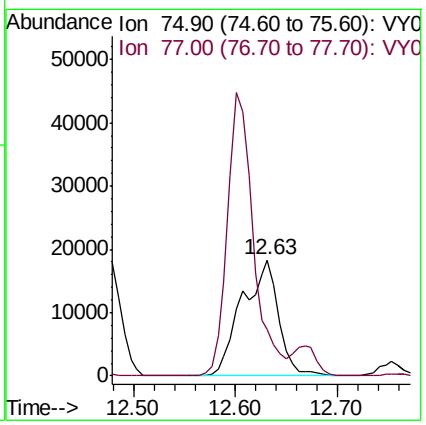


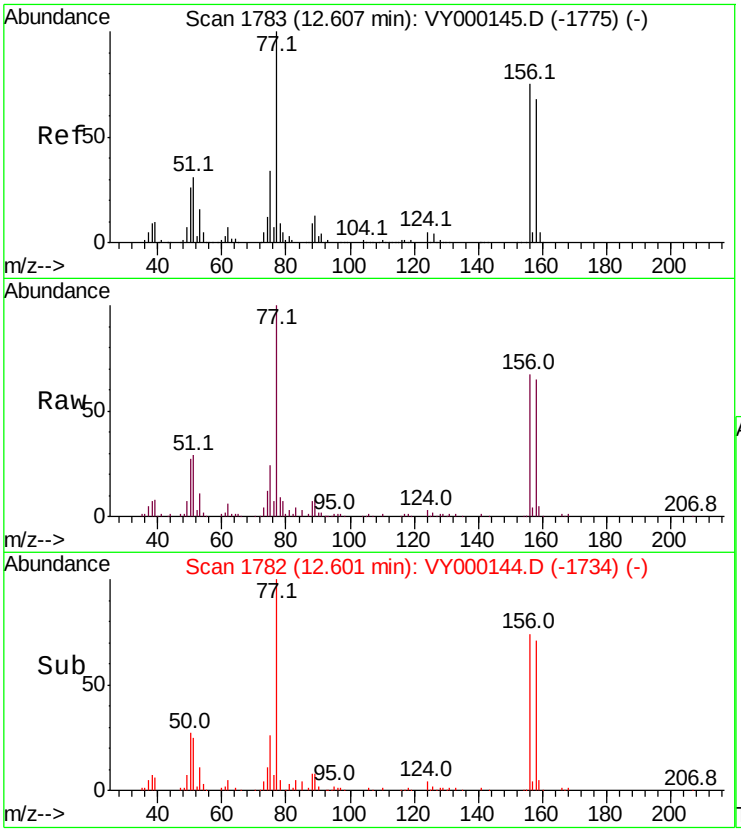




#76
1,2,3-Trichloropropane
Concen: 33.429 ug/l
RT: 12.63 min Scan# 1787
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 75 Resp: 45737

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



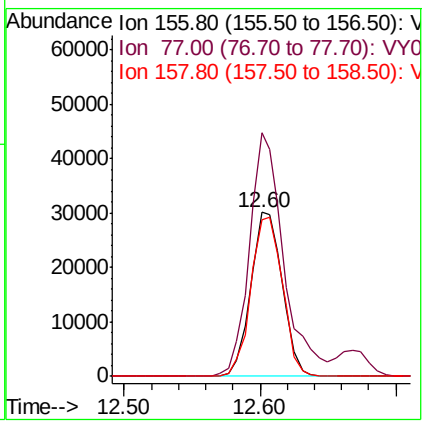


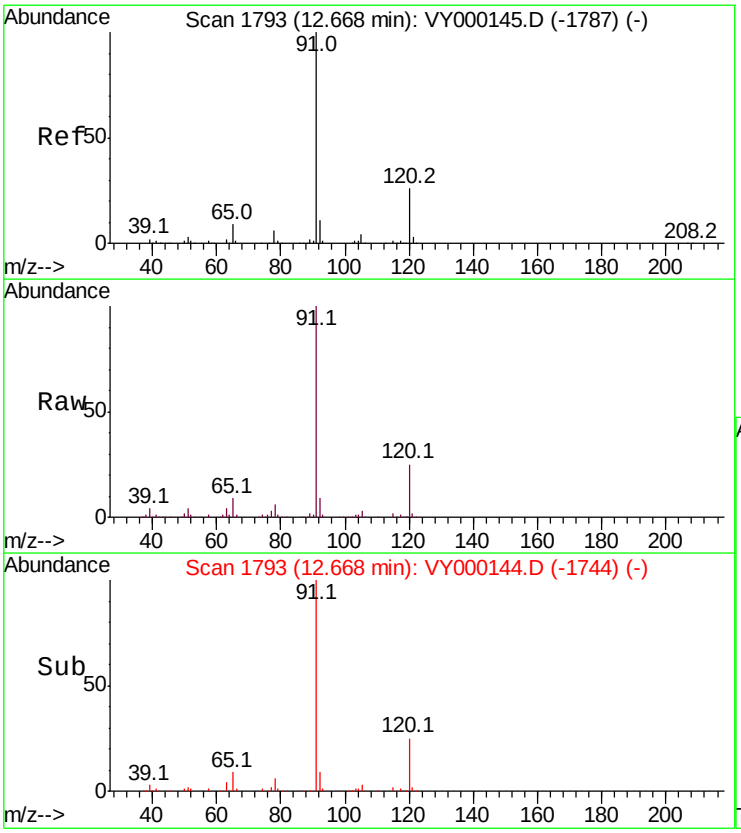

#77
Bromobenzene
Concen: 19.780 ug/l
RT: 12.60 min Scan# 1782
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion:156 Resp: 48971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 161.7 | 83.0 | 249.2 |
| 158 | 97.6 | 47.4 | 142.2 |

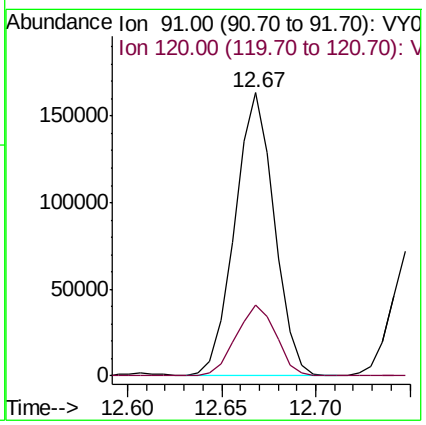


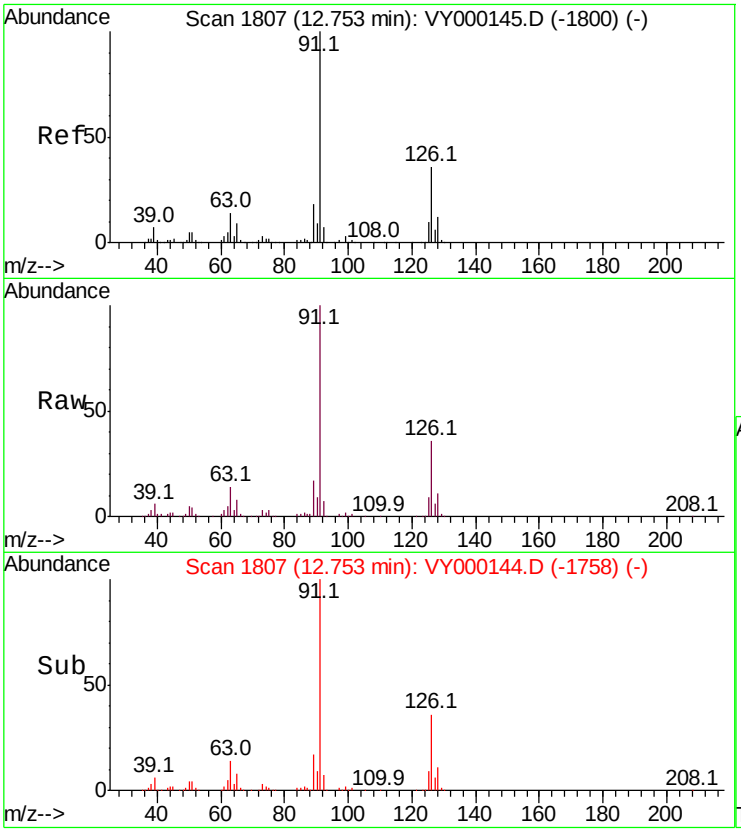




#78
n-propylbenzene
Concen: 19.810 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 91 Resp: 236663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 25.4 | 12.8 | 38.3 |



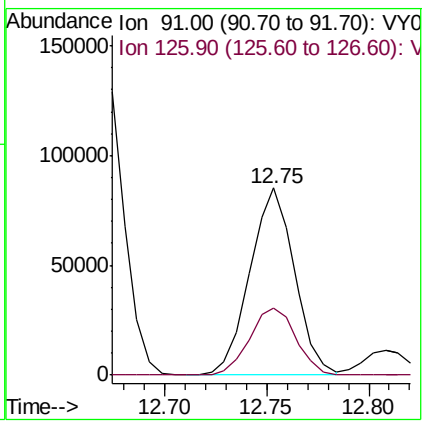


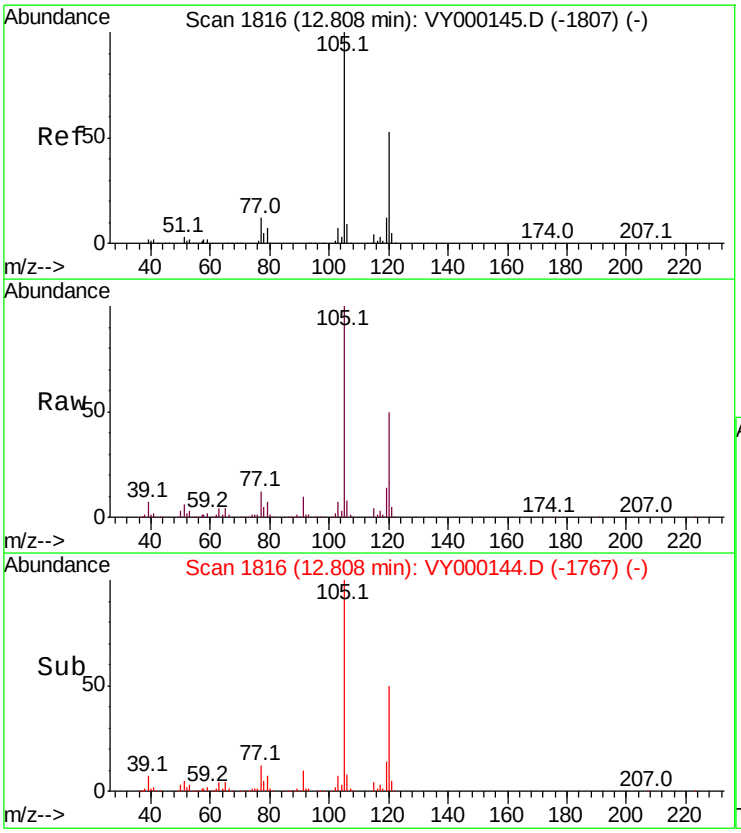

#79
2-Chlorotoluene
Concen: 19.941 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 91 Resp: 129620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 37.2 | 19.1 | 57.5 |

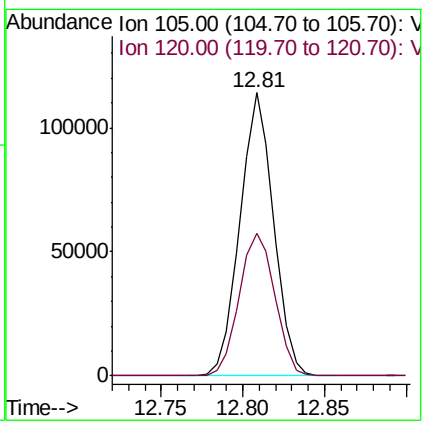


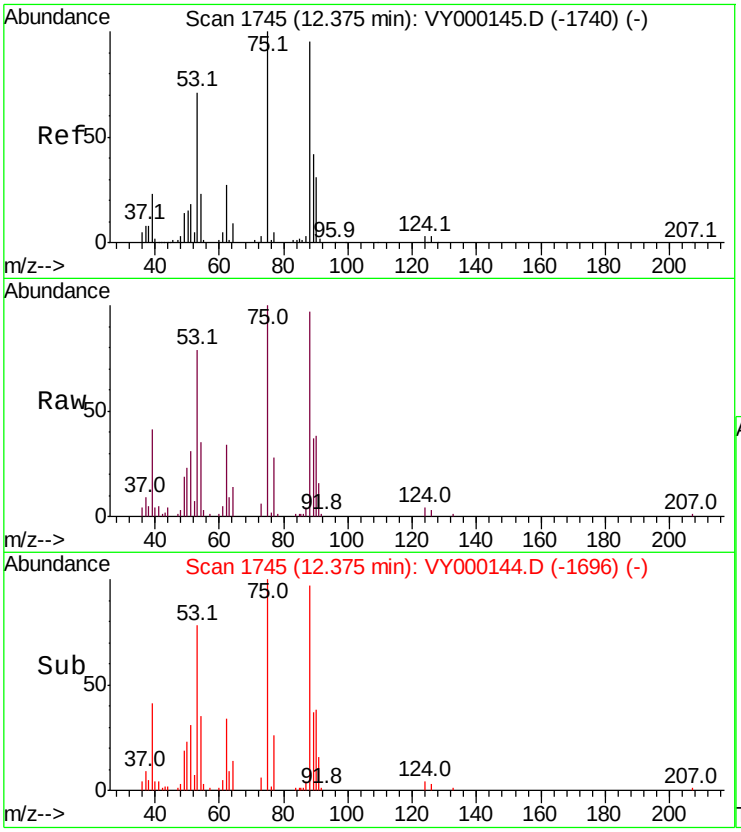




#80
1,3,5-Trimethylbenzene
Concen: 19.683 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion:105 Resp: 164092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 53.2 | 26.7 | 80.0 |



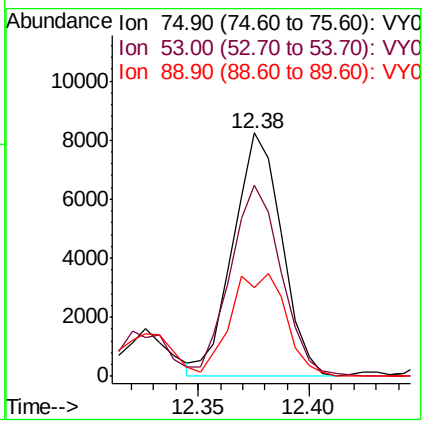


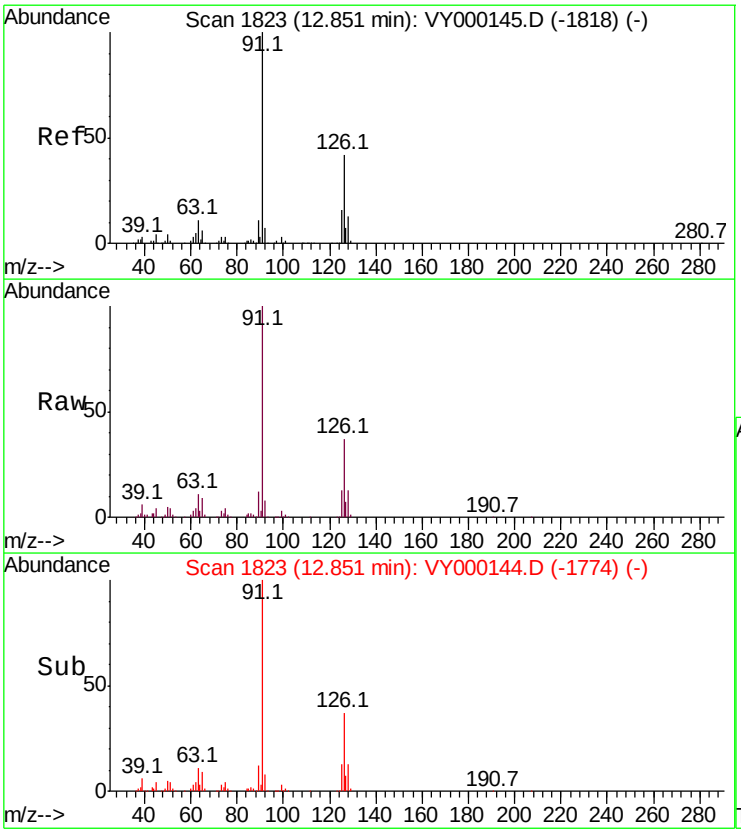

#81
trans-1,4-Dichloro-2-butene
Concen: 17.955 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 75 Resp: 12595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 82.1 | 61.8 | 92.8 |
| 89 | 47.7 | 35.6 | 53.4 |

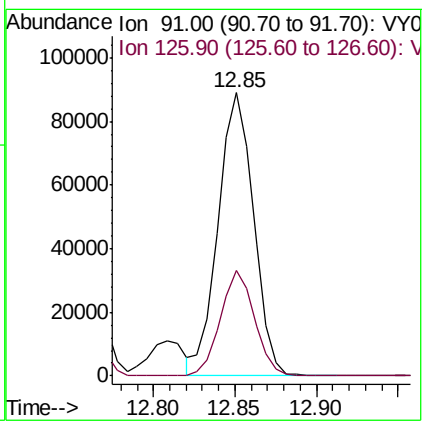


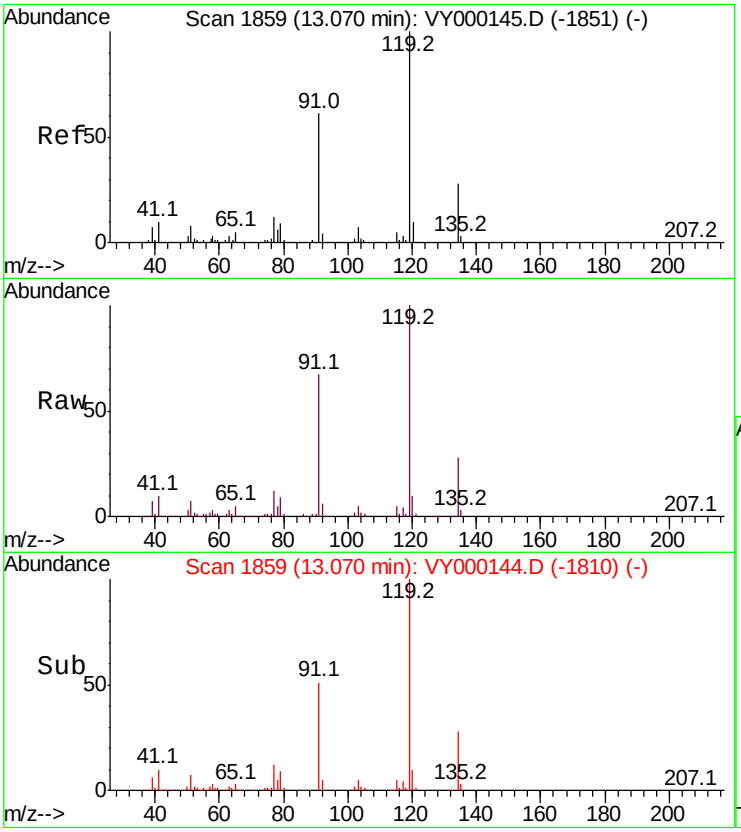




#82
4-Chlorotoluene
Concen: 19.875 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 91 Resp: 134610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.8 | 19.4 | 58.2 |



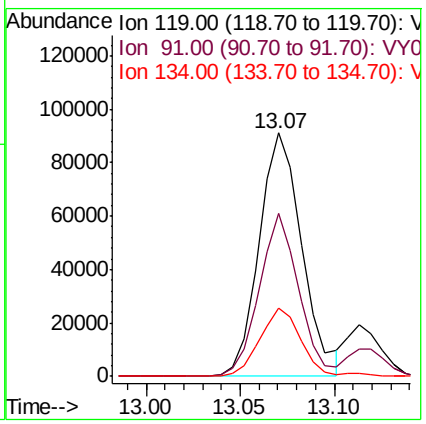


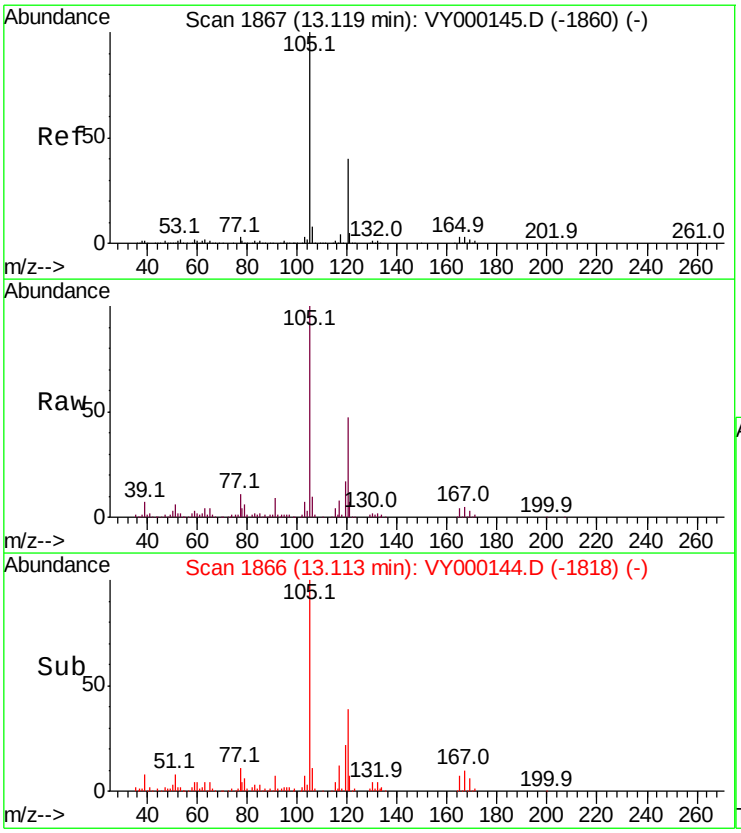

#83
tert-Butylbenzene
Concen: 19.957 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion:119 Resp: 143271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 62.0 | 31.0 | 93.0 |
| 134 | 27.2 | 14.0 | 41.9 |

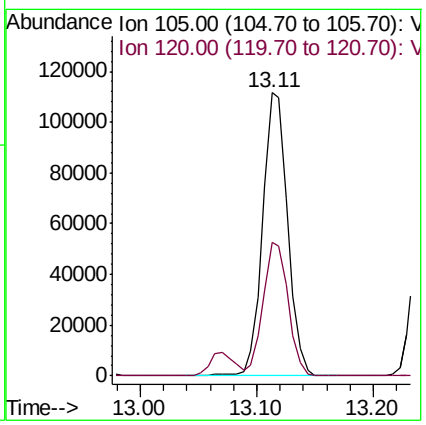


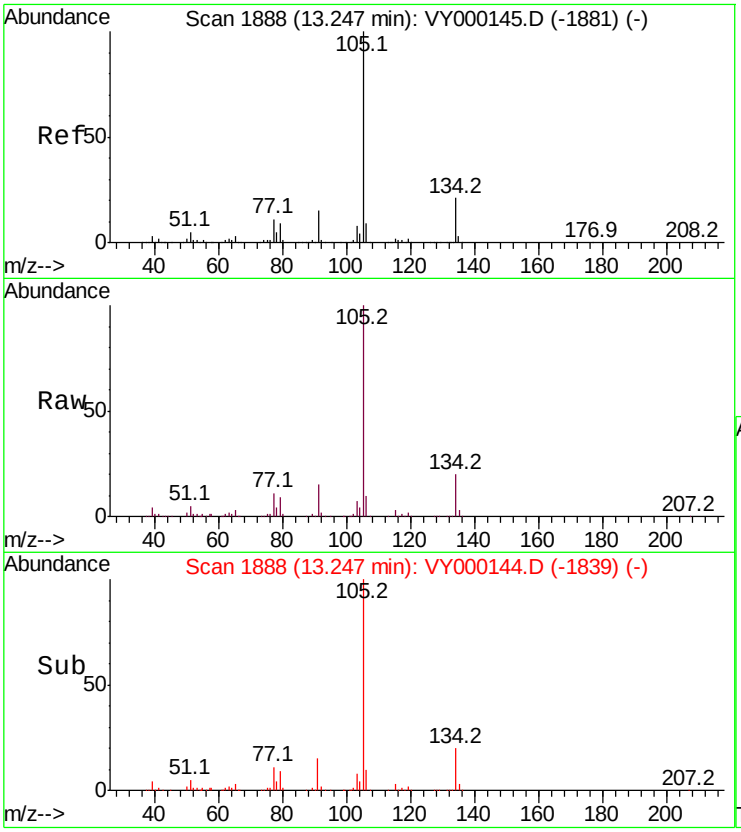




#84
1,2,4-Trimethylbenzene
Concen: 19.822 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion:105 Resp: 166999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.2 | 24.6 | 73.8 |



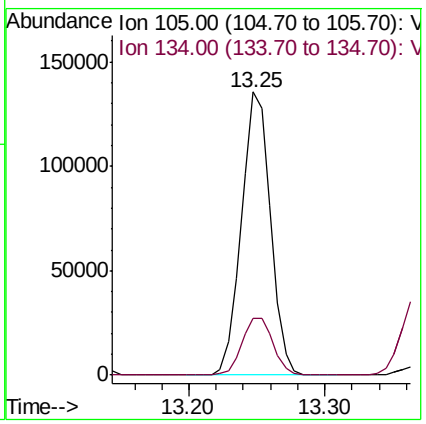


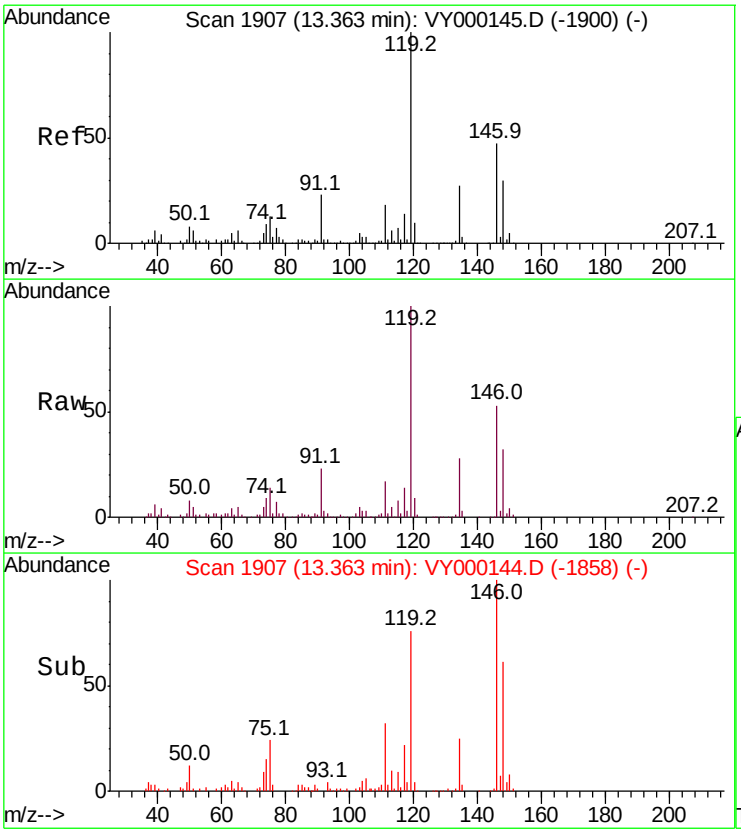

#85
sec-Butylbenzene
Concen: 19.693 ug/l
RT: 13.25 min Scan# 1888
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion:105 Resp: 202985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 21.5 | 10.9 | 32.9 |

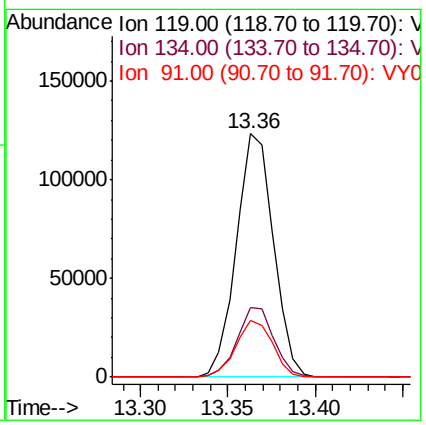


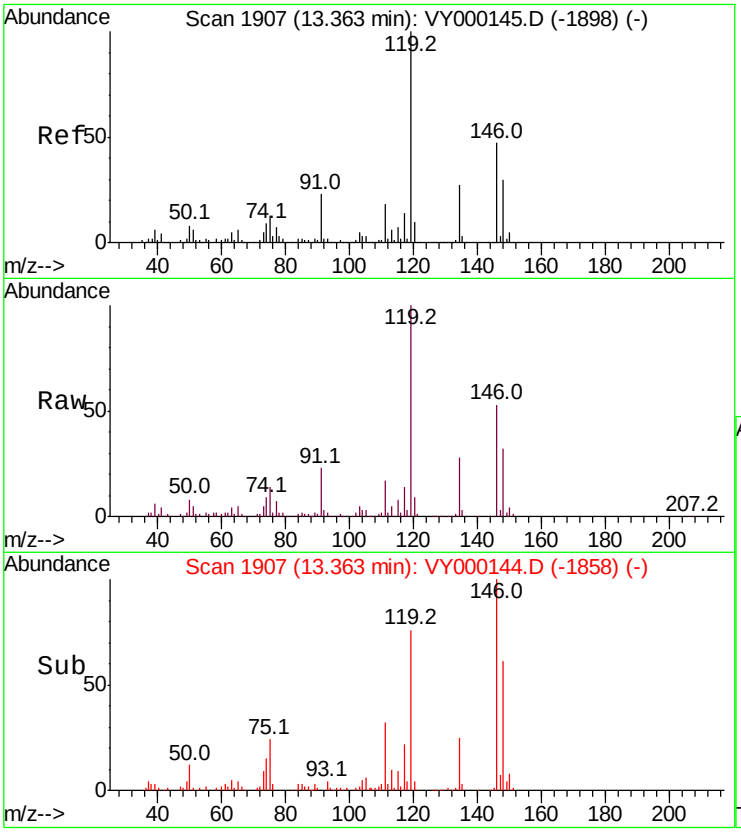




#86
p-Isopropyltoluene
Concen: 19.883 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion:119 Resp: 182504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 28.4 | 14.3 | 42.9 |
| 91 | 23.0 | 11.4 | 34.1 |



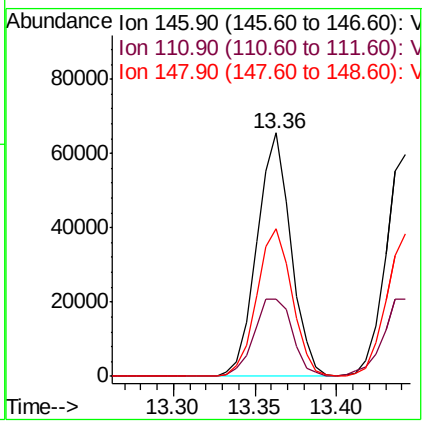


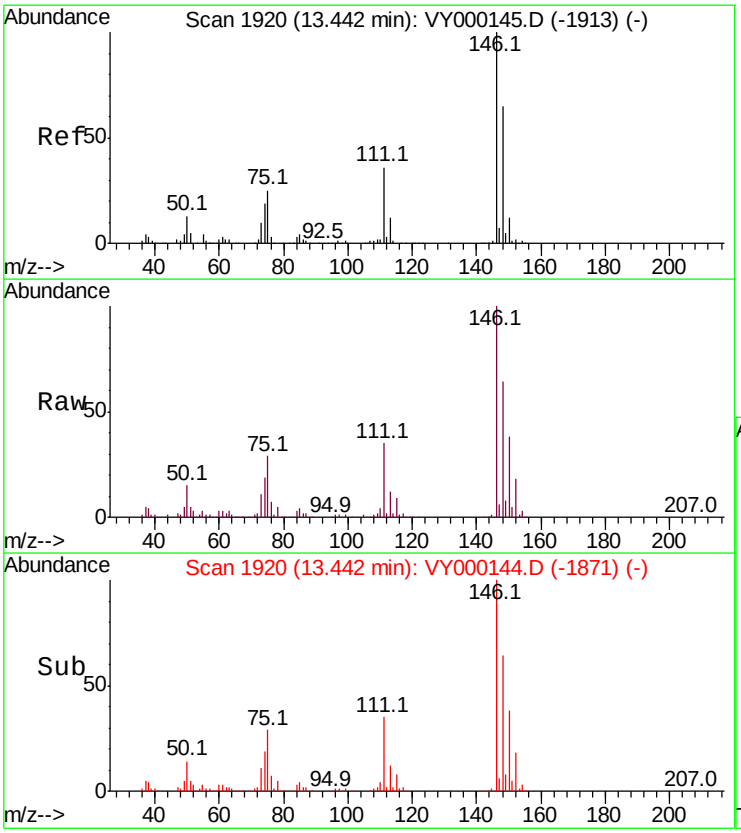

#87
1,3-Dichlorobenzene
Concen: 19.884 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion:146 Resp: 94323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 36.4 | 19.0 | 57.0 |
| 148 | 63.0 | 31.6 | 94.8 |

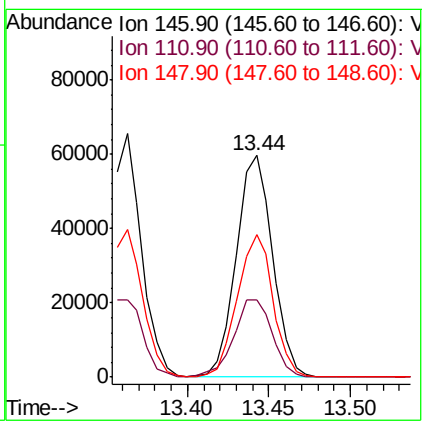


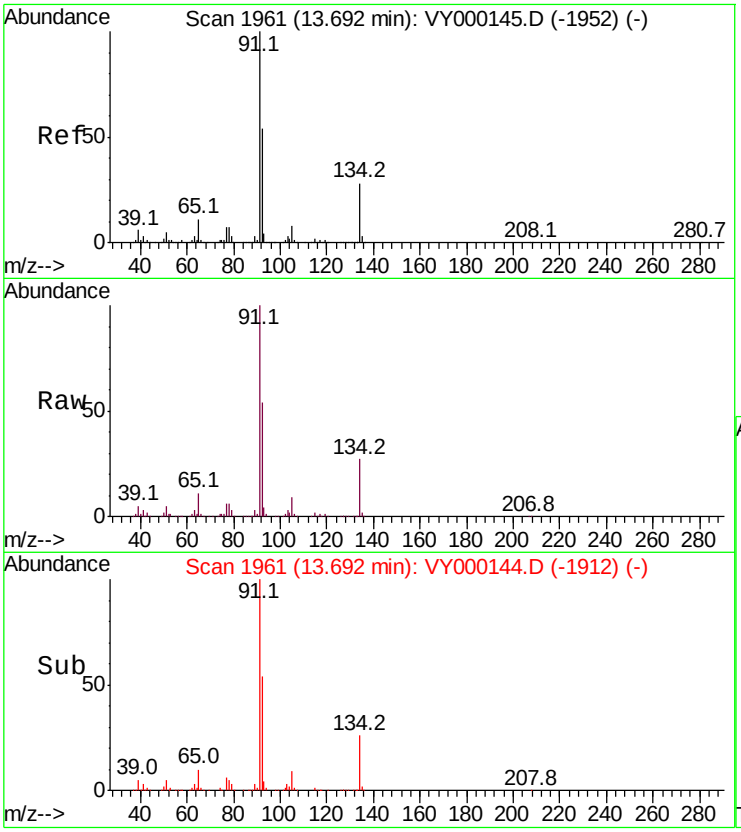




#88
1,4-Dichlorobenzene
Concen: 19.592 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion:146 Resp: 92516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.3 | 18.3 | 54.9 |
| 148 | 63.5 | 31.9 | 95.7 |



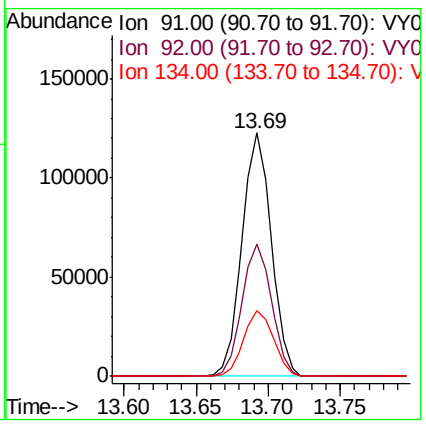


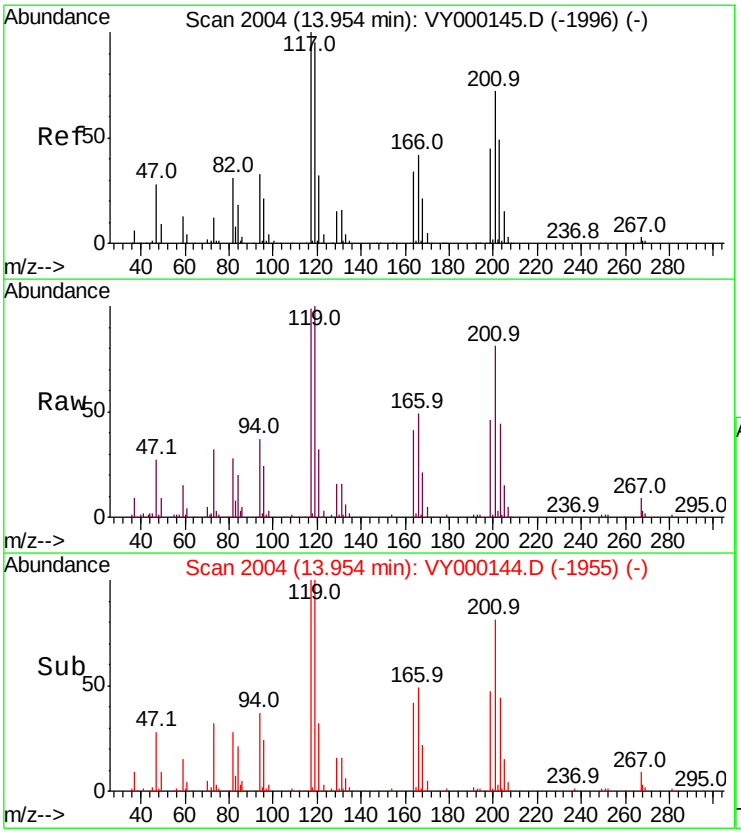

#89
n-Butylbenzene
Concen: 19.849 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion: 91 Resp: 173140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.5 | 26.8 | 80.4 |
| 134 | 27.7 | 14.4 | 43.2 |

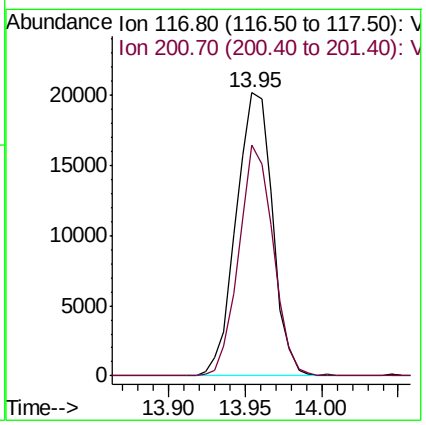


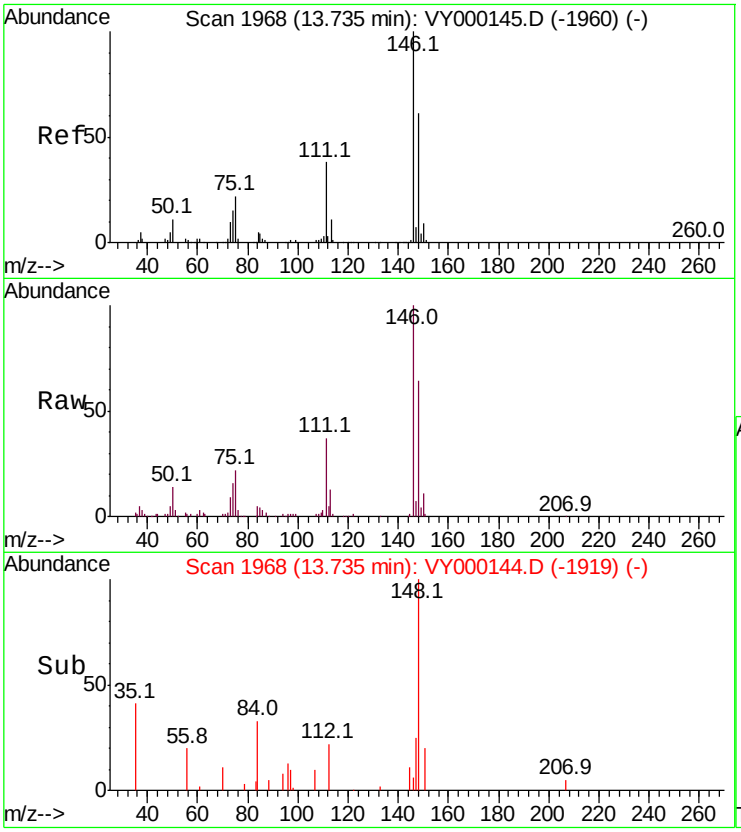




#90
Hexachloroethane
Concen: 19.221 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion:117 Resp: 33331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 77.1 | 38.6 | 115.8 |



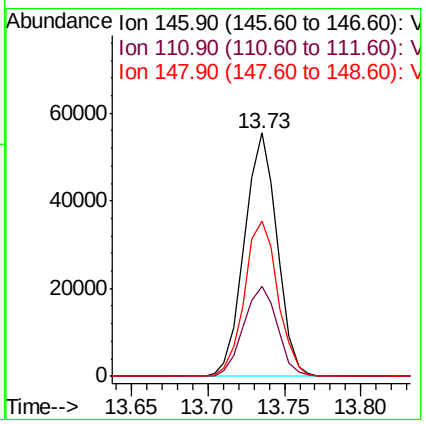


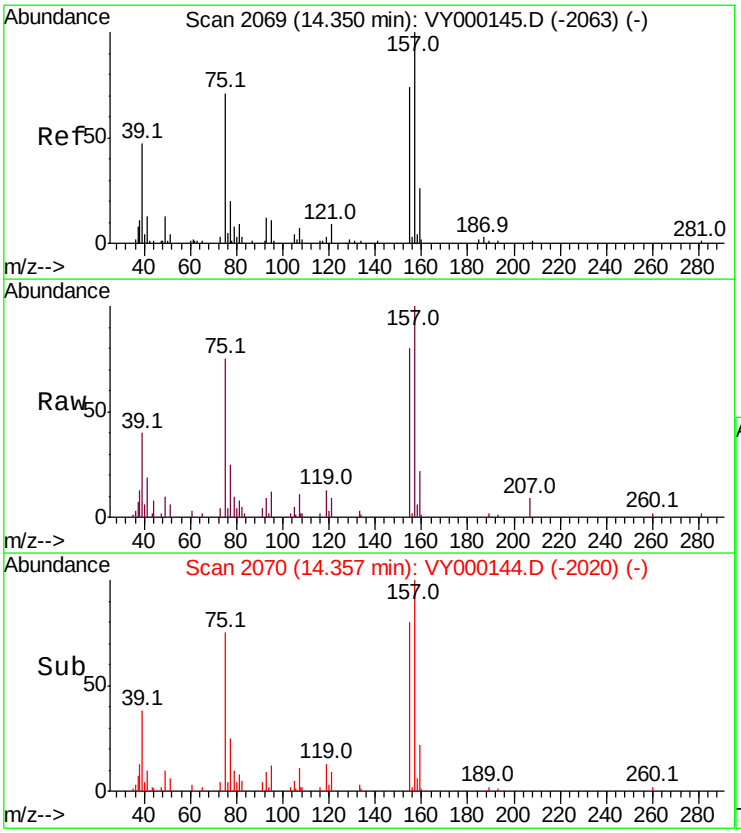

#91
1,2-Dichlorobenzene
Concen: 19.066 ug/l
RT: 13.73 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion:146 Resp: 82637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.2 | 19.2 | 57.6 |
| 148 | 64.8 | 31.9 | 95.7 |

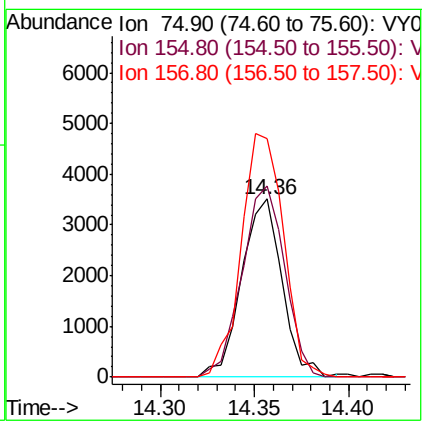


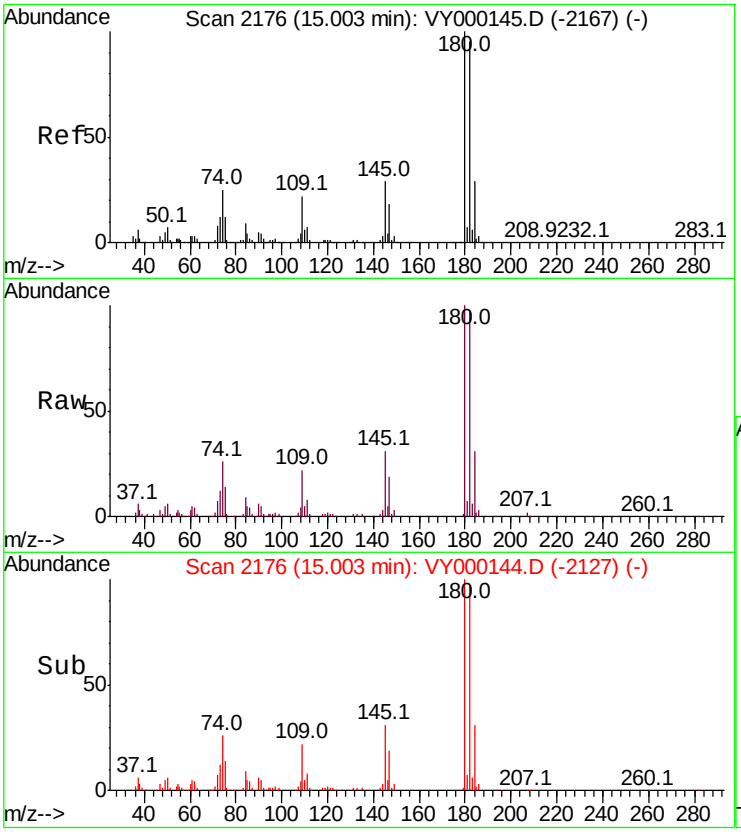




#92
1,2-Dibromo-3-Chloropropane
Concen: 17.018 ug/l
RT: 14.36 min Scan# 2070
Delta R.T. 0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 75 Resp: 5238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 113.0 | 51.3 | 153.9 |
| 157 | 142.5 | 67.3 | 201.8 |



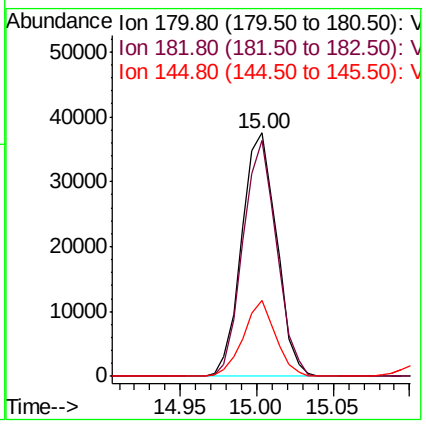


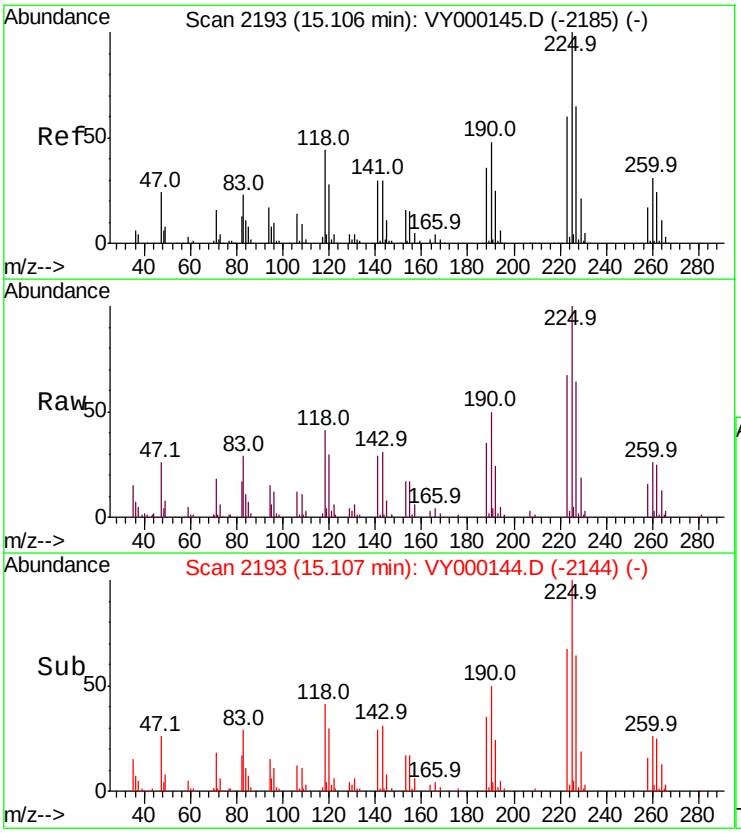

#93
1,2,4-Trichlorobenzene
Concen: 19.765 ug/l
RT: 15.00 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion:180 Resp: 59437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.8 | 47.0 | 141.2 |
| 145 | 28.6 | 14.6 | 44.0 |

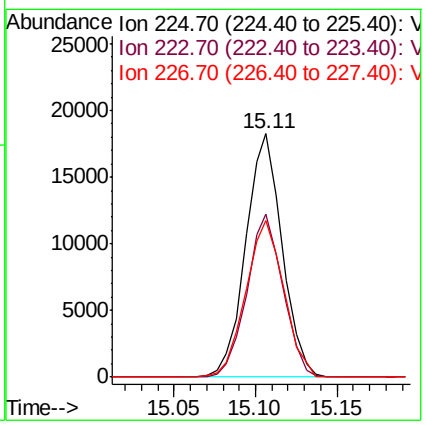


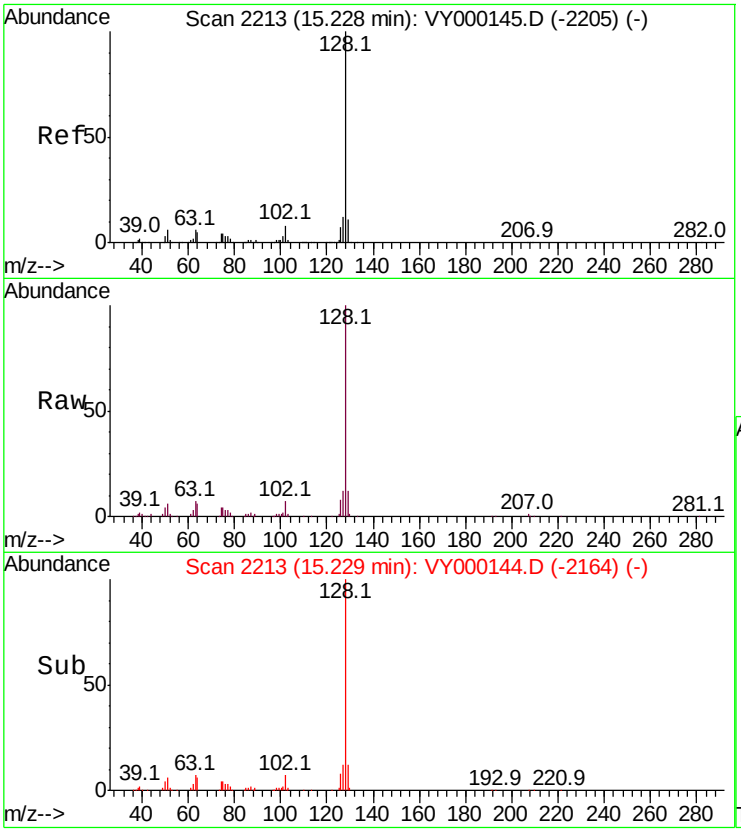




#94
Hexachlorobutadiene
Concen: 19.274 ug/l
RT: 15.11 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion:225 Resp: 28280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 66.1 | 31.5 | 94.5 |
| 227 | 67.1 | 32.4 | 97.0 |



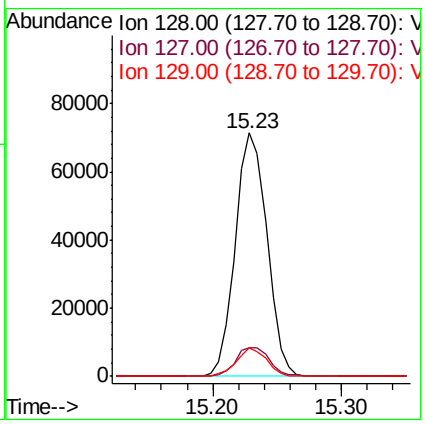


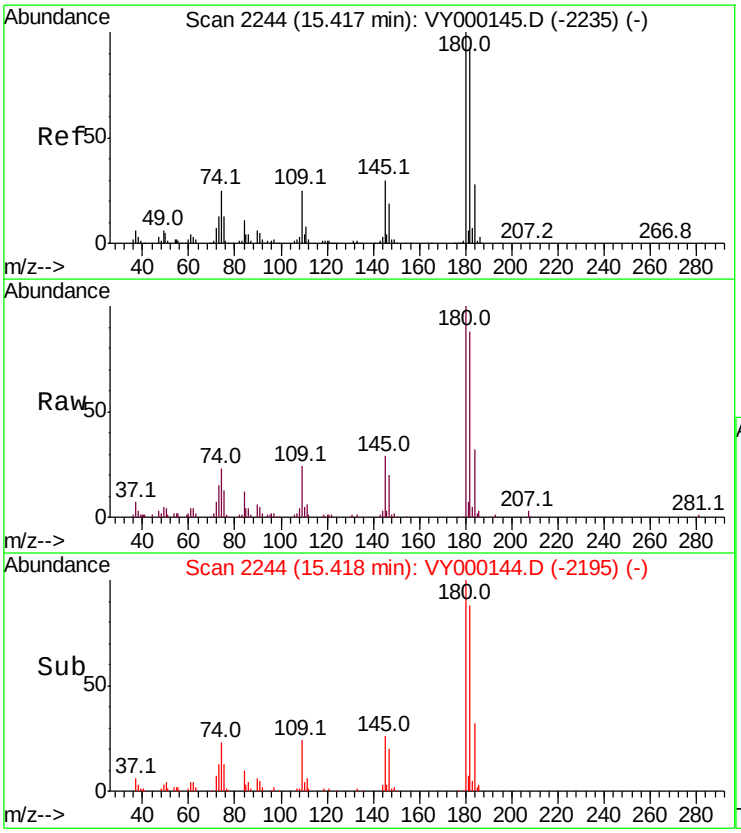

#95
Naphthalene
Concen: 18.025 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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

Tgt Ion:128 Resp: 121370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.5 | 9.5 | 14.3 |
| 129 | 11.1 | 8.6 | 12.8 |




#96
1,2,3-Trichlorobenzene
Concen: 19.252 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion:180 Resp: 51923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.8 | 46.6 | 139.7 |
| 145 | 32.4 | 15.4 | 46.4 |