Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021311.D
Acq On : 25 Feb 2025 13:26
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Quant Time: Feb 26 01:44:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.707 | 168 | 188363 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.610 | 114 | 293434 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.414 | 117 | 258896 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.347 | 152 | 130546 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.061 | 65 | 41320 | 19.337 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = | 38.680%# | | |
| 35) Dibromofluoromethane | 7.634 | 113 | 37265 | 19.371 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = | 38.740%# | | |
| 50) Toluene-d8 | 10.103 | 98 | 144409 | 19.423 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 134 | | Recovery = | 38.840%# | | |
| 62) 4-Bromofluorobenzene | 12.408 | 95 | 47417 | 18.950 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 30 - 143 | | Recovery = | 37.900% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.861 | 85 | 32511 | 18.204 | ug/l | 96 |
| 3) Chloromethane | 2.068 | 50 | 42633 | 18.484 | ug/l | 97 |
| 4) Vinyl Chloride | 2.202 | 62 | 41719 | 18.429 | ug/l | 100 |
| 5) Bromomethane | 2.586 | 94 | 27198 | 18.079 | ug/l | 98 |
| 6) Chloroethane | 2.726 | 64 | 26161 | 18.635 | ug/l | 99 |
| 7) Trichlorofluoromethane | 3.056 | 101 | 63170 | 18.477 | ug/l | 95 |
| 8) Diethyl Ether | 3.452 | 74 | 19564 | 19.066 | ug/l | 96 |
| 9) 1,1,2-Trichlorotrifluo... | 3.812 | 101 | 37017 | 18.701 | ug/l | 99 |
| 10) Methyl Iodide | 4.001 | 142 | 36945 | 17.741 | ug/l | 99 |
| 11) Tert butyl alcohol | 4.860 | 59 | 15935 | 96.952 | ug/l | 96 |
| 12) 1,1-Dichloroethene | 3.787 | 96 | 34827 | 18.376 | ug/l | 98 |
| 13) Acrolein | 3.647 | 56 | 22079 | 175.300 | ug/l | 100 |
| 14) Allyl chloride | 4.379 | 41 | 61887 | 18.417 | ug/l | 98 |
| 15) Acrylonitrile | 5.061 | 53 | 43763 | 96.460 | ug/l | 99 |
| 16) Acetone | 3.866 | 43 | 35506 | 86.623 | ug/l | 96 |
| 17) Carbon Disulfide | 4.104 | 76 | 116030 | 18.437 | ug/l | 99 |
| 18) Methyl Acetate | 4.379 | 43 | 19534 | 19.500 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 5.116 | 73 | 95488 | 19.069 | ug/l | 97 |
| 20) Methylene Chloride | 4.616 | 84 | 40630 | 18.331 | ug/l | 98 |
| 21) trans-1,2-Dichloroethene | 5.110 | 96 | 38218 | 18.317 | ug/l | 98 |
| 22) Diisopropyl ether | 6.019 | 45 | 132039 | 18.989 | ug/l | 97 |
| 23) Vinyl Acetate | 5.958 | 43 | 393629 | 94.730 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 5.909 | 63 | 72428 | 18.480 | ug/l | 99 |
| 25) 2-Butanone | 6.890 | 43 | 58941 | 95.278 | ug/l | 98 |
| 26) 2,2-Dichloropropane | 6.884 | 77 | 63686 | 17.908 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 6.884 | 96 | 44297 | 18.592 | ug/l | 98 |
| 28) Bromochloromethane | 7.244 | 49 | 32987 | 19.022 | ug/l | 99 |
| 29) Tetrahydrofuran | 7.256 | 42 | 39775 | 98.365 | ug/l | 98 |
| 30) Chloroform | 7.421 | 83 | 73639 | 18.543 | ug/l | 96 |
| 31) Cyclohexane | 7.701 | 56 | 68531 | 18.191 | ug/l | 95 |
| 32) 1,1,1-Trichloroethane | 7.616 | 97 | 67011 | 18.538 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 7.835 | 75 | 53995 | 18.685 | ug/l | 100 |
| 37) Ethyl Acetate | 6.982 | 43 | 27188 | 18.914 | ug/l | 98 |
| 38) Carbon Tetrachloride | 7.817 | 117 | 59733 | 18.387 | ug/l | 98 |
| 39) Methylcyclohexane | 9.103 | 83 | 68516 | 18.746 | ug/l | 98 |
| 40) Benzene | 8.079 | 78 | 159536 | 18.676 | ug/l | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021311.D
Acq On : 25 Feb 2025 13:26
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Quant Time: Feb 26 01:44:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 7.220 | 41 | 14108 | 17.554 | ug/l | | 92 |
| 42) 1,2-Dichloroethane | 8.152 | 62 | 46152 | 19.043 | ug/l | | 99 |
| 43) Isopropyl Acetate | 8.195 | 43 | 54484 | 19.583 | ug/l | | 98 |
| 44) Trichloroethene | 8.866 | 130 | 40005 | 18.706 | ug/l | | 93 |
| 45) 1,2-Dichloropropane | 9.140 | 63 | 38611 | 18.782 | ug/l | | 100 |
| 46) Dibromomethane | 9.231 | 93 | 21421 | 19.063 | ug/l | | 99 |
| 47) Bromodichloromethane | 9.420 | 83 | 56033 | 18.701 | ug/l | | 98 |
| 48) Methyl methacrylate | 9.219 | 41 | 24461 | 18.801 | ug/l | | 97 |
| 49) 1,4-Dioxane | 9.225 | 88 | 5308 | 424.825 | ug/l | | 90 |
| 51) 4-Methyl-2-Pentanone | 10.000 | 43 | 140187 | 98.430 | ug/l | | 100 |
| 52) Toluene | 10.170 | 92 | 100050 | 18.854 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 10.390 | 75 | 50957 | 18.563 | ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 9.853 | 75 | 61967 | 19.122 | ug/l | | 99 |
| 55) 1,1,2-Trichloroethane | 10.567 | 97 | 27942 | 19.088 | ug/l | | 99 |
| 56) Ethyl methacrylate | 10.438 | 69 | 36997 | 18.291 | ug/l | | 95 |
| 57) 1,3-Dichloropropane | 10.713 | 76 | 49499 | 19.270 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 9.707 | 63 | 93377 | 96.179 | ug/l | | 100 |
| 59) 2-Hexanone | 10.762 | 43 | 90882 | 97.163 | ug/l | | 100 |
| 60) Dibromochloromethane | 10.908 | 129 | 37808 | 18.964 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 11.012 | 107 | 26519 | 19.135 | ug/l | | 99 |
| 64) Tetrachloroethene | 10.646 | 164 | 36387 | 18.595 | ug/l | | 97 |
| 65) Chlorobenzene | 11.438 | 112 | 107621 | 18.519 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 11.511 | 131 | 37487 | 18.422 | ug/l | | 99 |
| 67) Ethyl Benzene | 11.518 | 91 | 189052 | 18.366 | ug/l | | 99 |
| 68) m/p-Xylenes | 11.627 | 106 | 144073 | 37.210 | ug/l | | 99 |
| 69) o-Xylene | 11.950 | 106 | 67060 | 18.488 | ug/l | | 100 |
| 70) Styrene | 11.969 | 104 | 113033 | 18.729 | ug/l | | 99 |
| 71) Bromoform | 12.133 | 173 | 21886 | 18.800 | ug/l | # | 99 |
| 73) Isopropylbenzene | 12.255 | 105 | 179489 | 18.288 | ug/l | | 99 |
| 74) N-amyl acetate | 12.072 | 43 | 47224 | 18.930 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83 | 32419 | 18.717 | ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 12.554 | 75 | 43143 | 32.817 | ug/l | # | 100 |
| 77) Bromobenzene | 12.530 | 156 | 42078 | 18.433 | ug/l | | 99 |
| 78) n-propylbenzene | 12.597 | 91 | 220158 | 18.486 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 12.676 | 91 | 125969 | 18.430 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 12.737 | 105 | 150004 | 18.635 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75 | 10866 | 18.483 | ug/l | | 99 |
| 82) 4-Chlorotoluene | 12.780 | 91 | 130335 | 18.396 | ug/l | | 100 |
| 83) tert-Butylbenzene | 12.999 | 119 | 135829 | 18.681 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 13.042 | 105 | 149358 | 18.657 | ug/l | | 99 |
| 85) sec-Butylbenzene | 13.176 | 105 | 196335 | 18.486 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 13.292 | 119 | 165127 | 18.620 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 13.286 | 146 | 83463 | 18.483 | ug/l | | 100 |
| 88) 1,4-Dichlorobenzene | 13.365 | 146 | 83179 | 18.646 | ug/l | | 99 |
| 89) n-Butylbenzene | 13.615 | 91 | 153032 | 18.337 | ug/l | | 100 |
| 90) Hexachloroethane | 13.877 | 117 | 33341 | 17.998 | ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 13.657 | 146 | 73513 | 18.581 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75 | 5181 | 18.908 | ug/l | | 97 |
| 93) 1,2,4-Trichlorobenzene | 14.919 | 180 | 42908 | 17.770 | ug/l | | 99 |
| 94) Hexachlorobutadiene | 15.023 | 225 | 27015 | 17.771 | ug/l | | 99 |
| 95) Naphthalene | 15.145 | 128 | 71044 | 17.763 | ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.328 | 180 | 36460 | 17.871 | ug/l | | 98 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021311.D
Acq On : 25 Feb 2025 13:26
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Quant Time: Feb 26 01:44:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

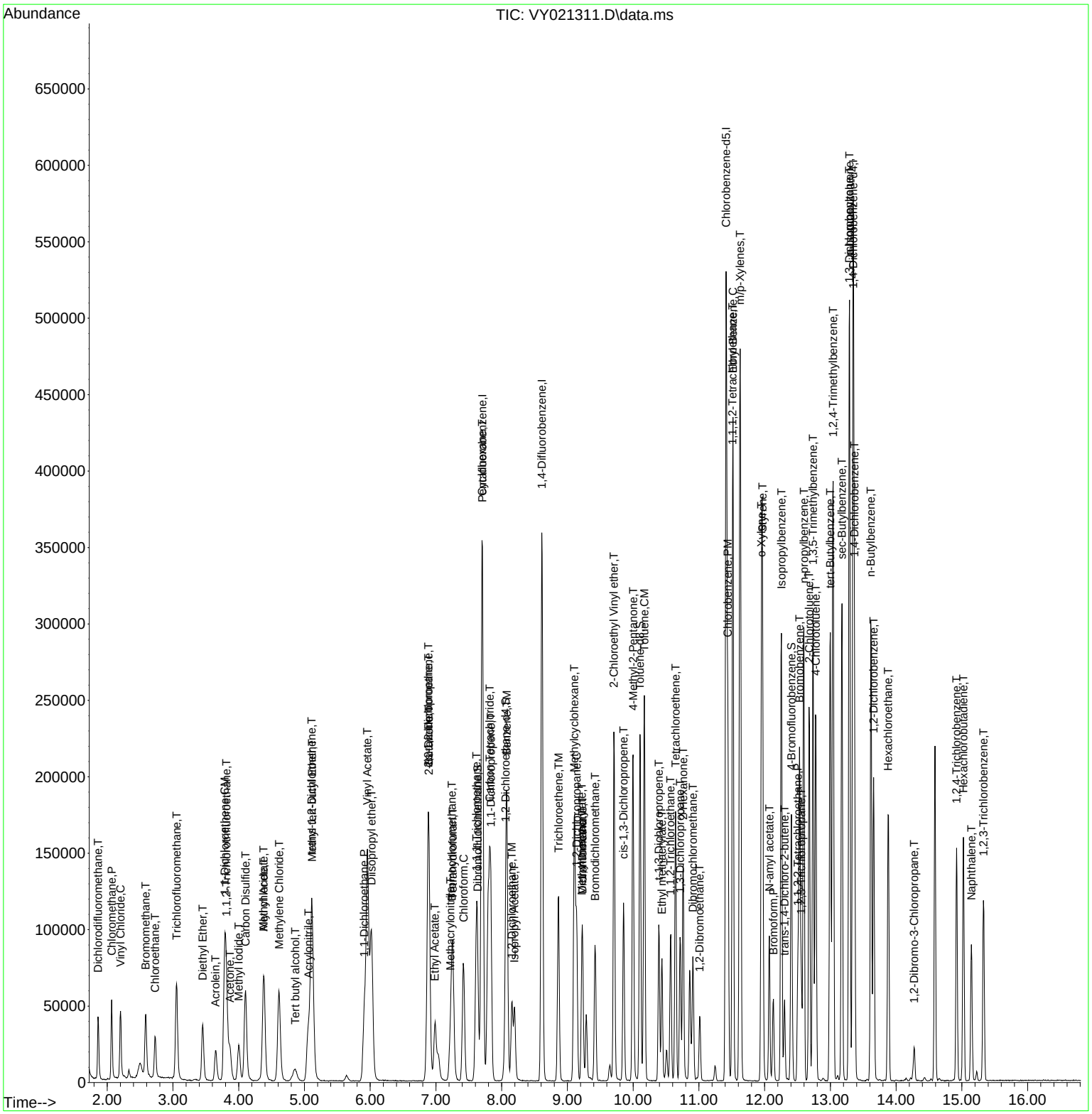
(#) = qualifier out of range (m) = manual integration (+) = signals summed

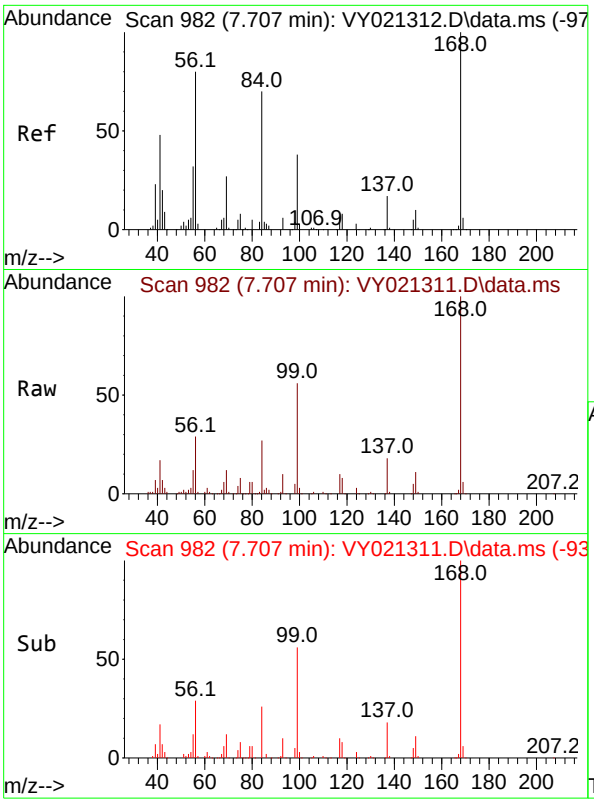
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021311.D
Acq On : 25 Feb 2025 13:26
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Quant Time: Feb 26 01:44:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration



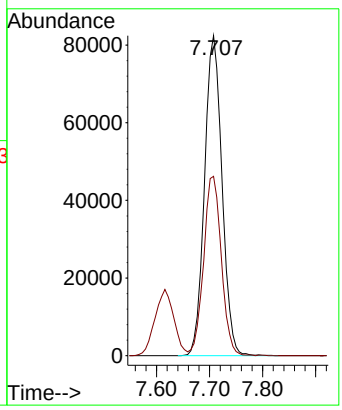


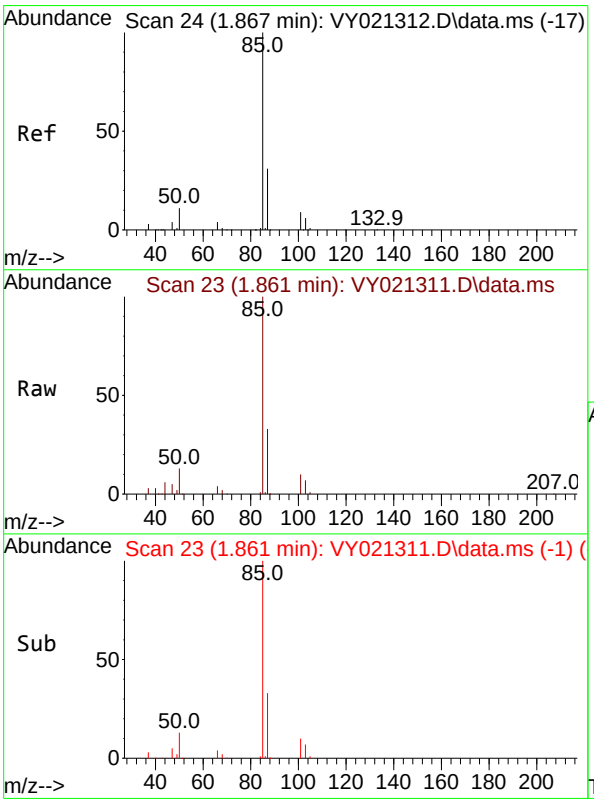

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion:168 Resp: 188363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 56.0 | 47.1 | 70.7 |

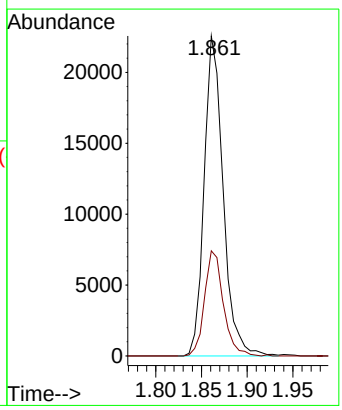


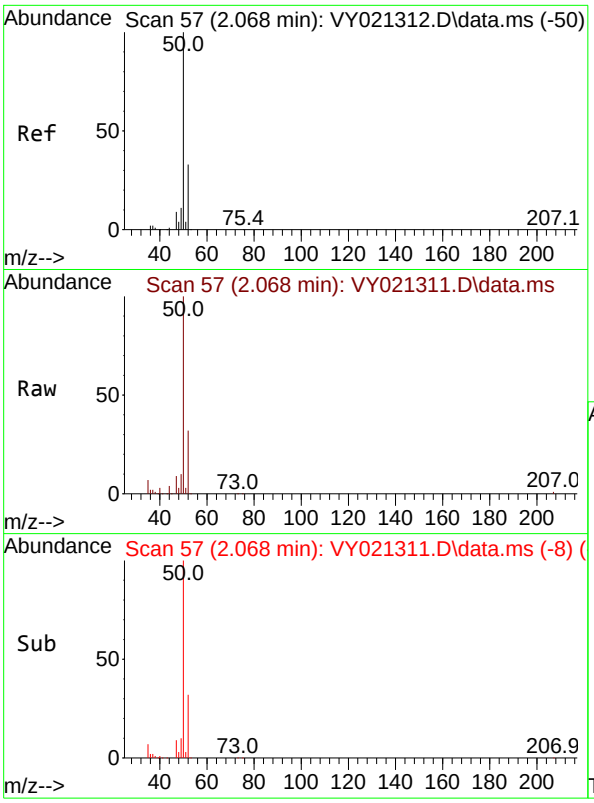




#2
Dichlorodifluoromethane
Concen: 18.204 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 85 Resp: 32511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.9 | 15.4 | 46.4 |



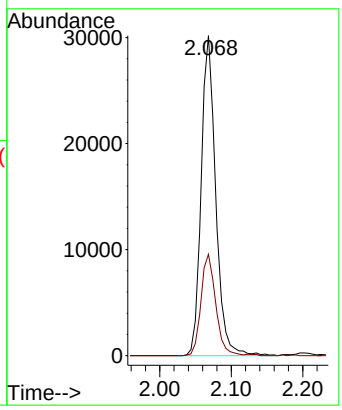


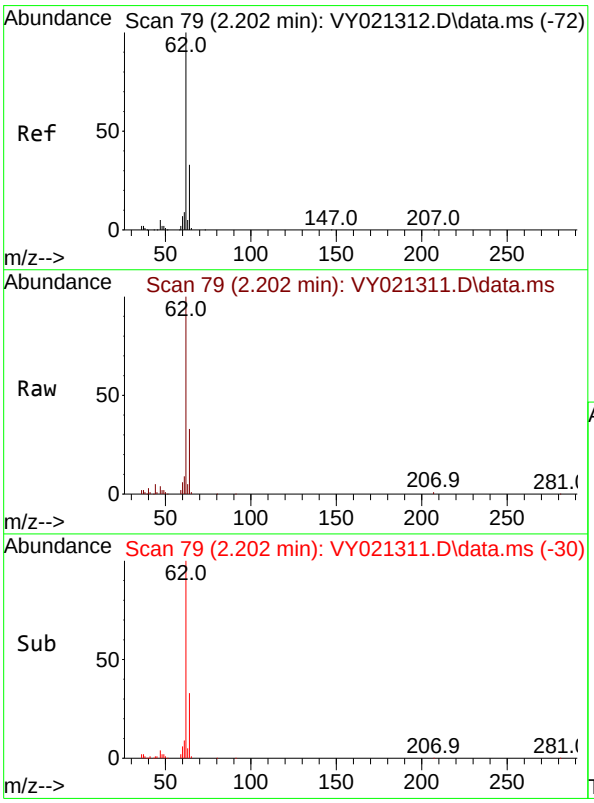

#3
Chloromethane
Concen: 18.484 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 50 Resp: 42633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.7 | 26.6 | 40.0 |

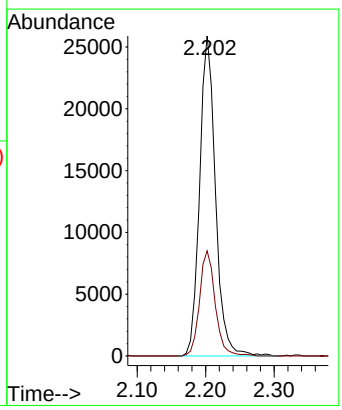


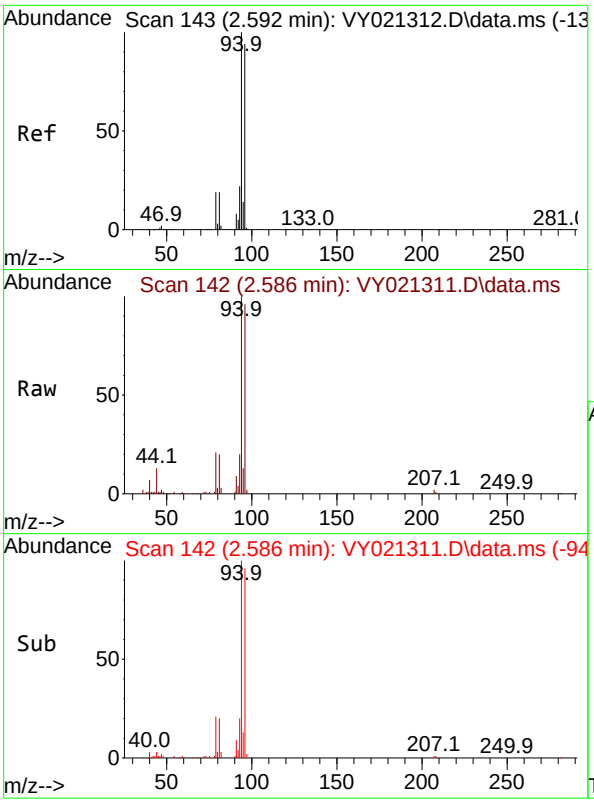




#4
Vinyl Chloride
Concen: 18.429 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 62 Resp: 41719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.8 | 26.3 | 39.5 |



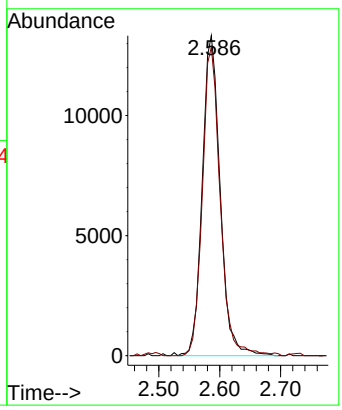


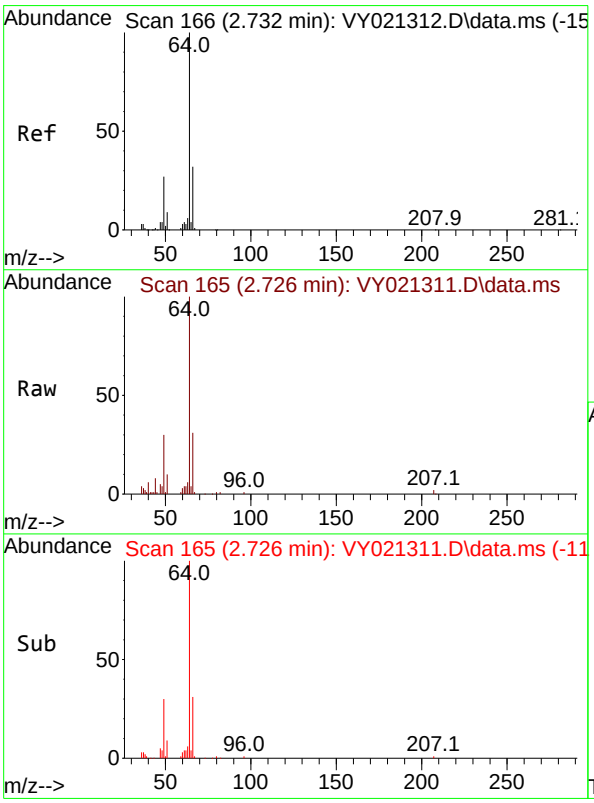

#5
Bromomethane
Concen: 18.079 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 94 Resp: 27198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 96.3 | 75.2 | 112.8 |

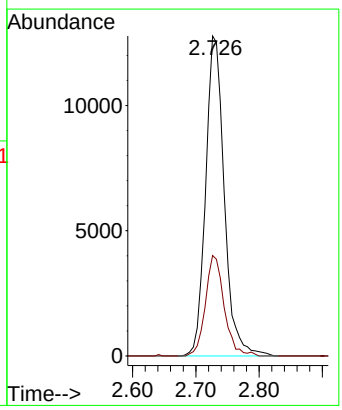


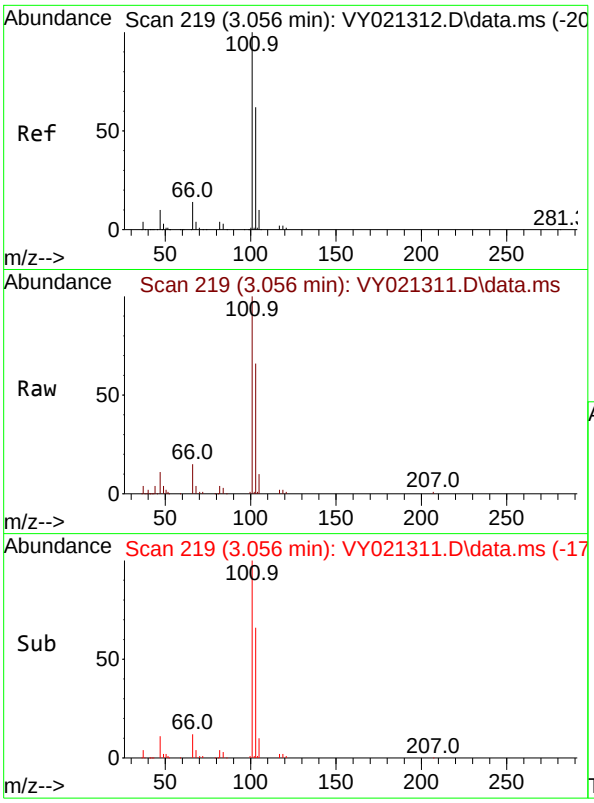




#6
Chloroethane
Concen: 18.635 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 64 Resp: 26161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.4 | 25.4 | 38.0 |



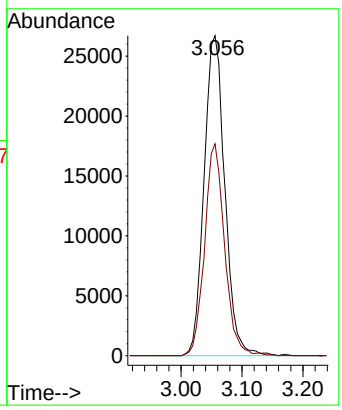


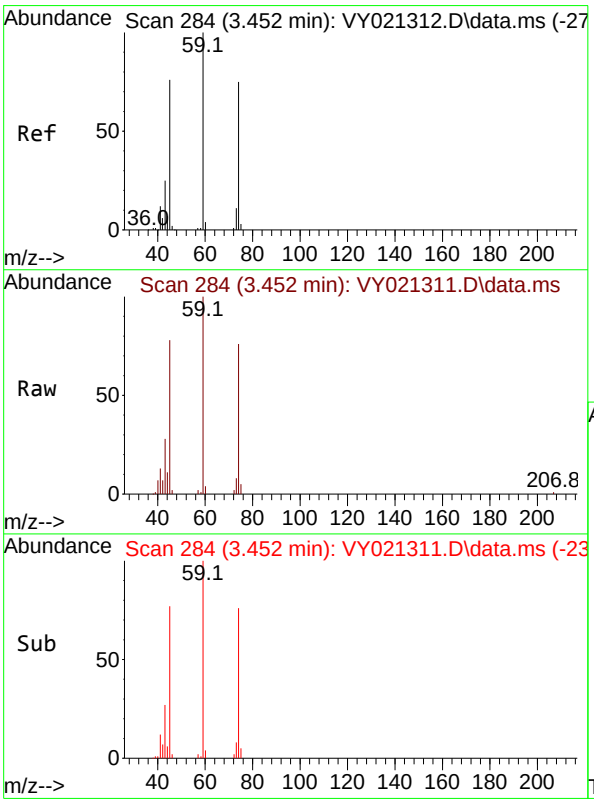

#7
Trichlorofluoromethane
Concen: 18.477 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion:101 Resp: 63170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 66.2 | 49.7 | 74.5 |

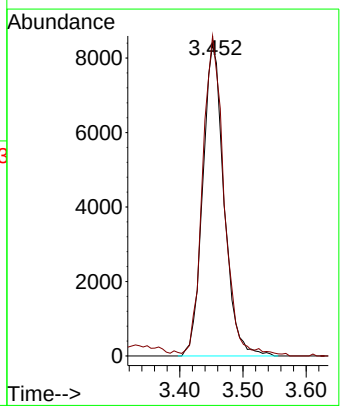


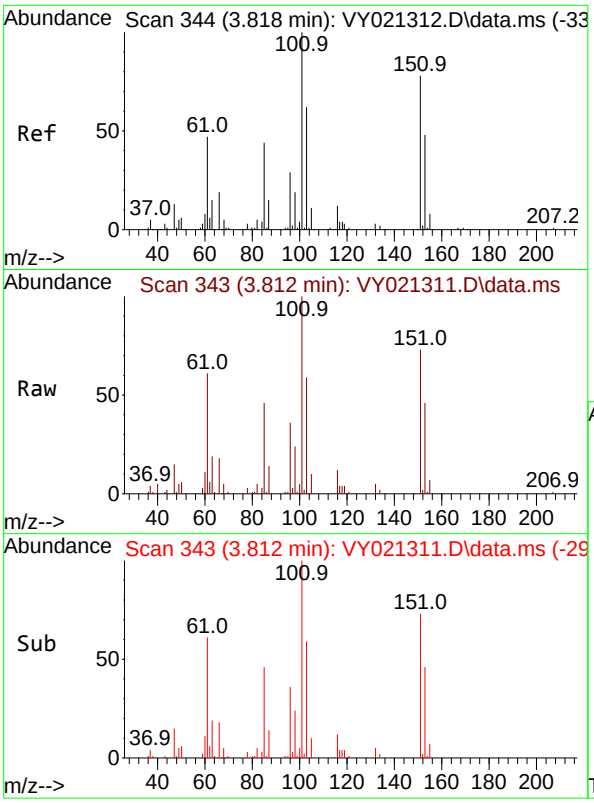




#8
Diethyl Ether
Concen: 19.066 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 74 Resp: 19564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 104.3 | 50.3 | 150.9 |



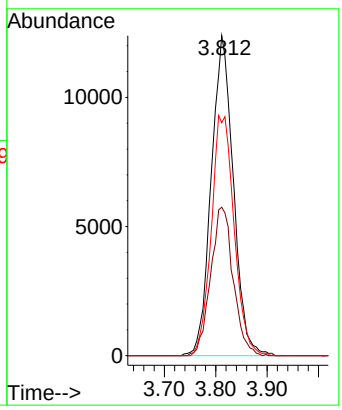


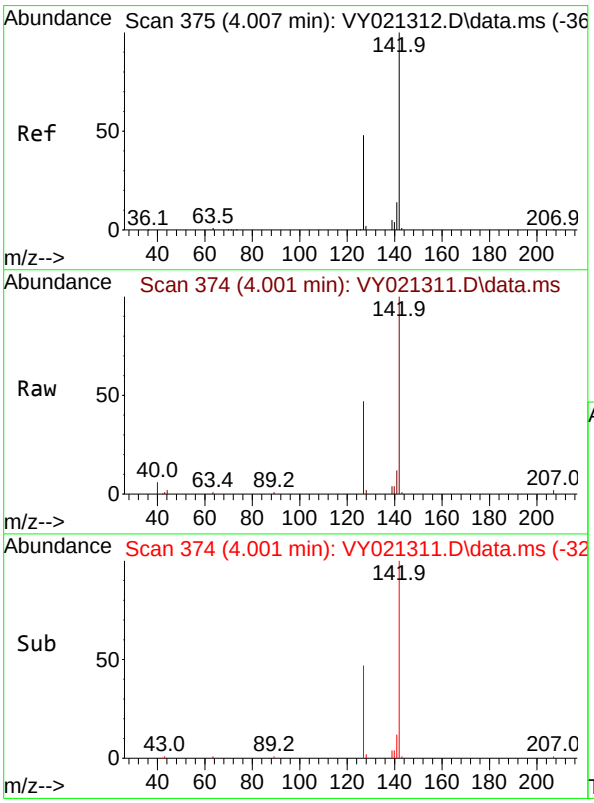

#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.701 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion:101 Resp: 37017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 47.3 | 36.7 | 55.1 |
| 151 | 77.8 | 62.6 | 94.0 |

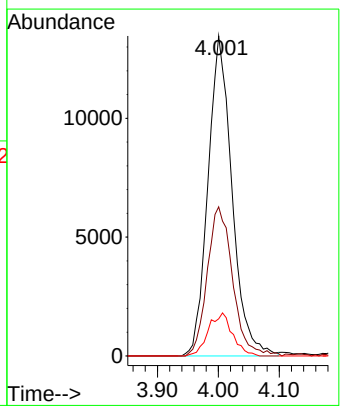


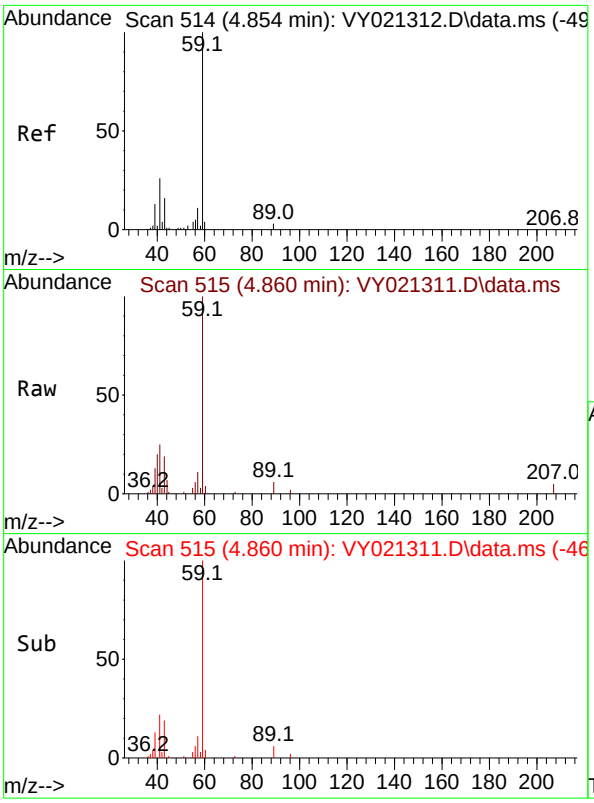




#10
Methyl Iodide
Concen: 17.741 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:142 Resp: 36945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 49.1 | 39.2 | 58.8 |
| 141 | 13.5 | 11.4 | 17.2 |



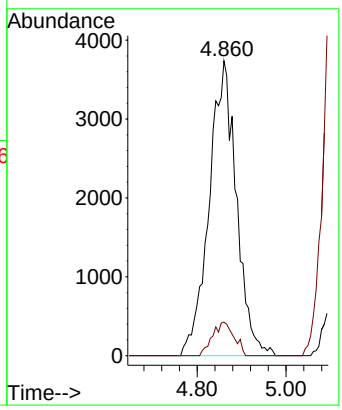


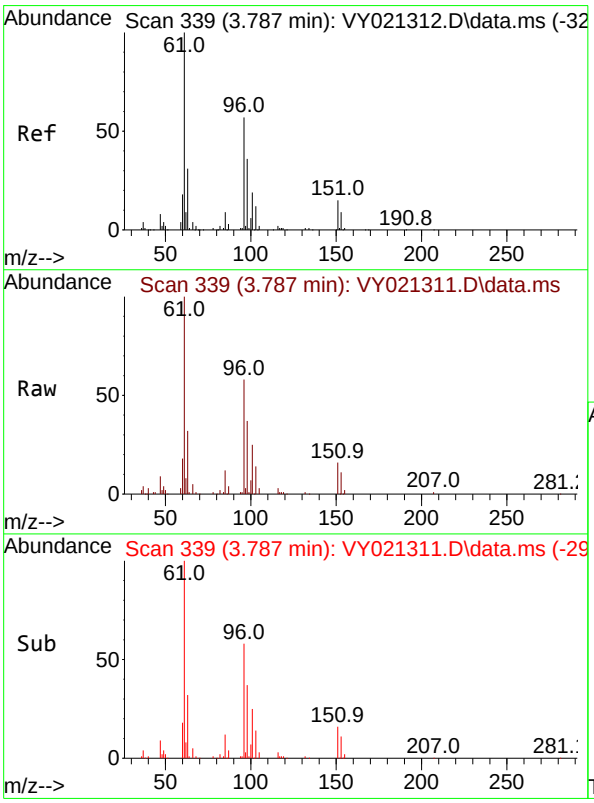

#11
Tert butyl alcohol
Concen: 96.952 ug/l
RT: 4.860 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 59 Resp: 15935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 8.9 | 8.3 | 12.5 |

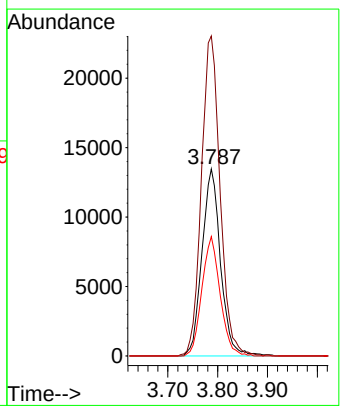


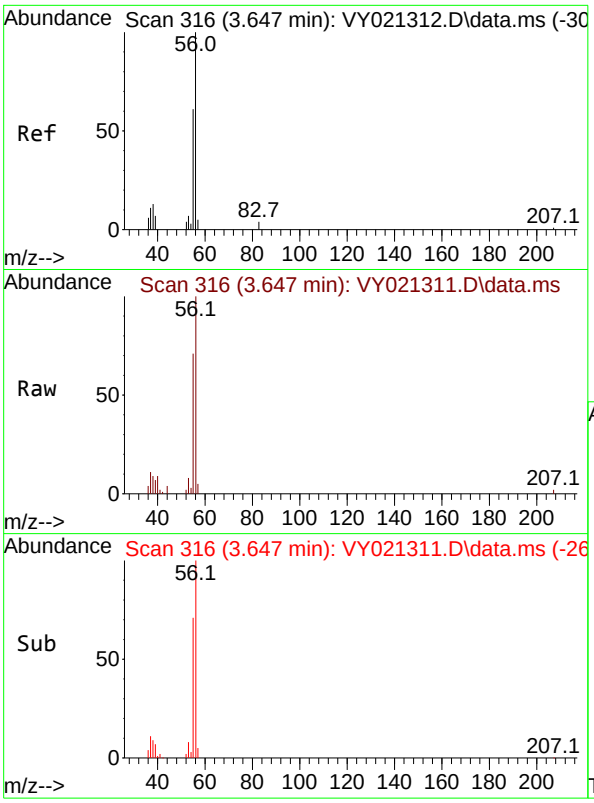




#12
1,1-Dichloroethene
Concen: 18.376 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 96 Resp: 34827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 171.1 | 139.7 | 209.5 |
| 98 | 63.8 | 49.7 | 74.5 |



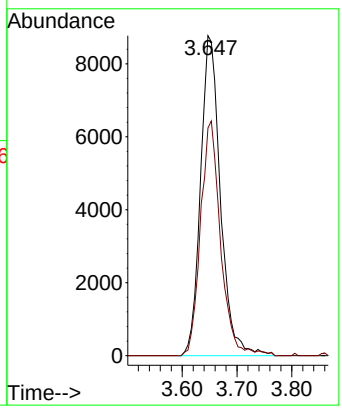


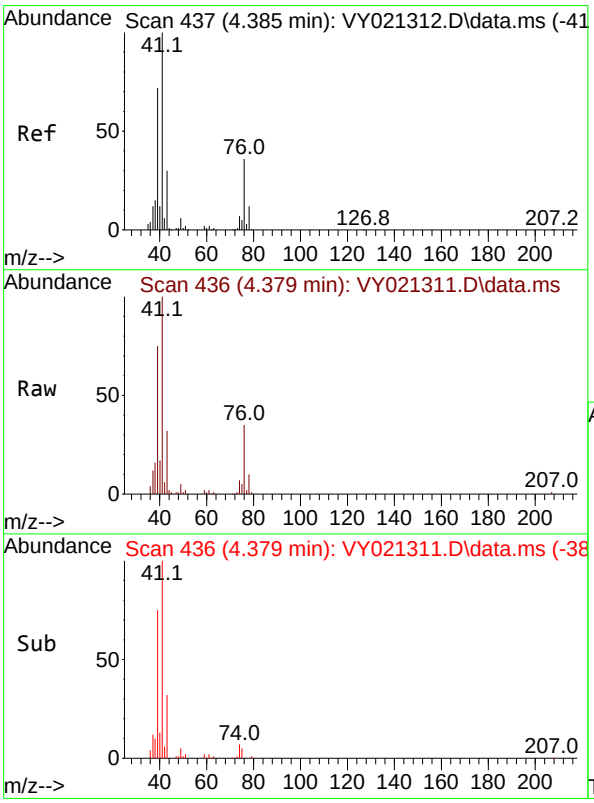

#13
Acrolein
Concen: 175.300 ug/l
RT: 3.647 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 56 Resp: 22079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 74.0 | 59.0 | 88.6 |

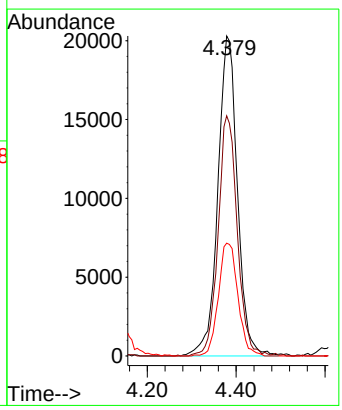


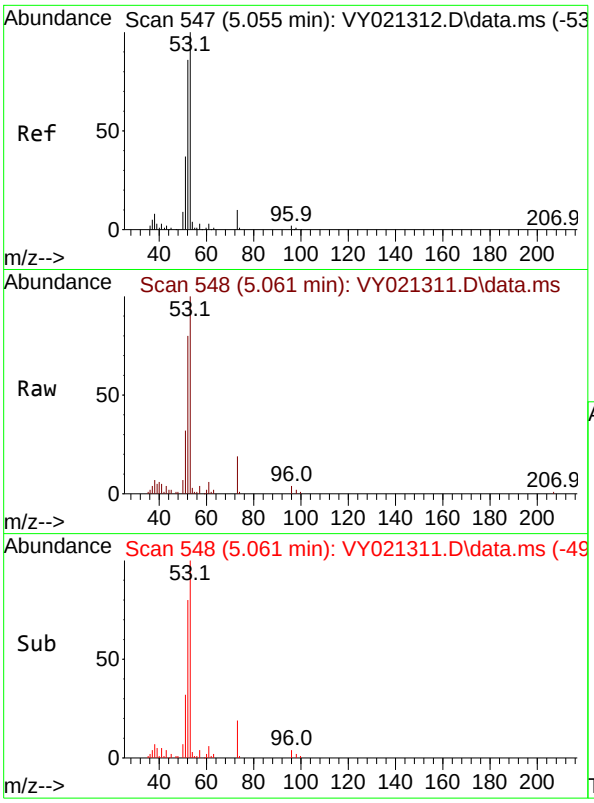




#14
Allyl chloride
Concen: 18.417 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 41 Resp: 61887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 73.3 | 60.0 | 90.0 |
| 76 | 35.2 | 29.0 | 43.6 |



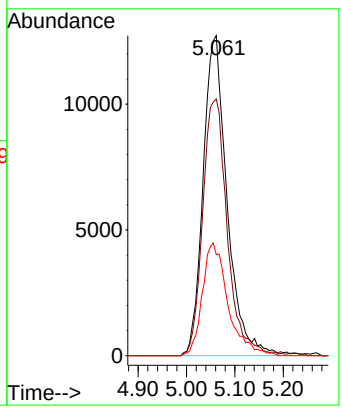


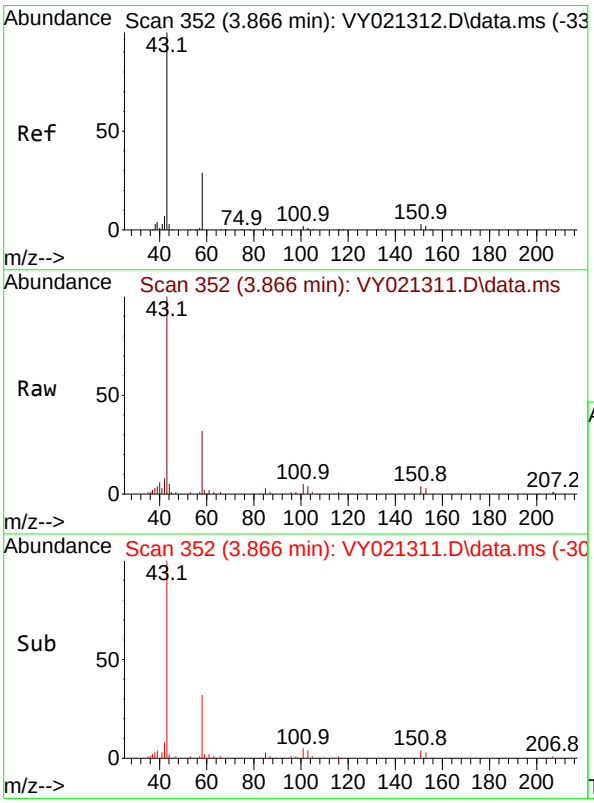

#15
Acrylonitrile
Concen: 96.460 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 53 Resp: 43763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.3 | 65.5 | 98.3 |
| 51 | 37.8 | 30.6 | 46.0 |

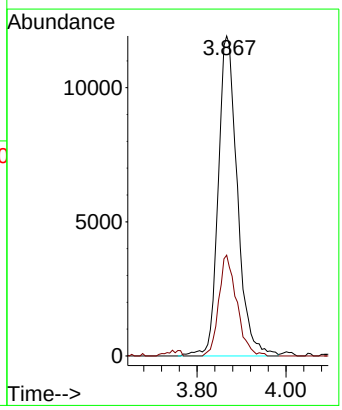


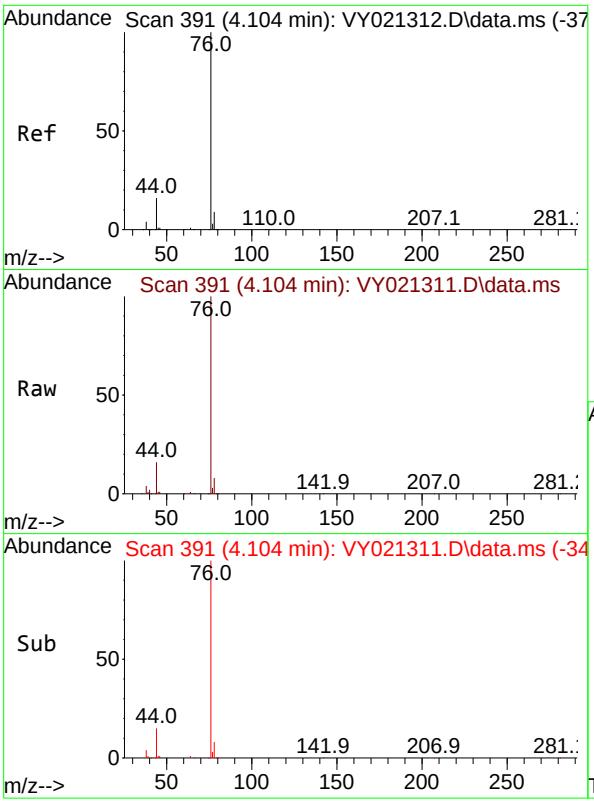




#16
Acetone
Concen: 86.623 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 43 Resp: 35506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.5 | 23.5 | 35.3 |



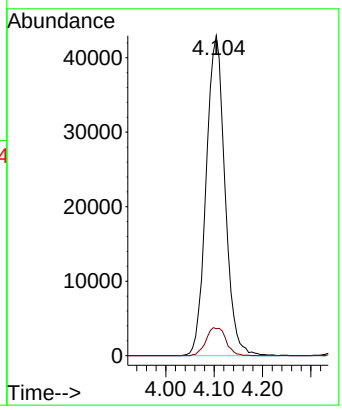


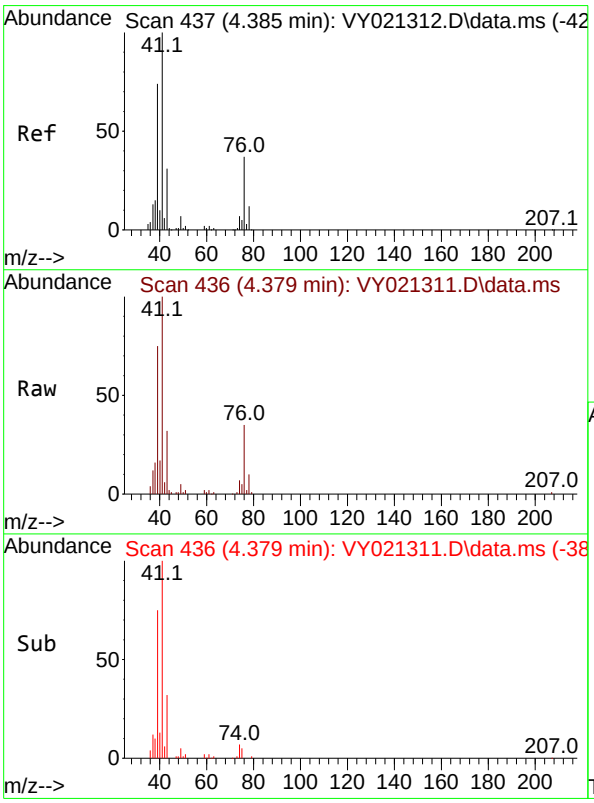

#17
Carbon Disulfide
Concen: 18.437 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 76 Resp: 116030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.5 | 7.1 | 10.7 |

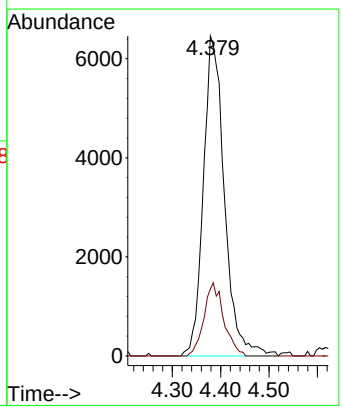


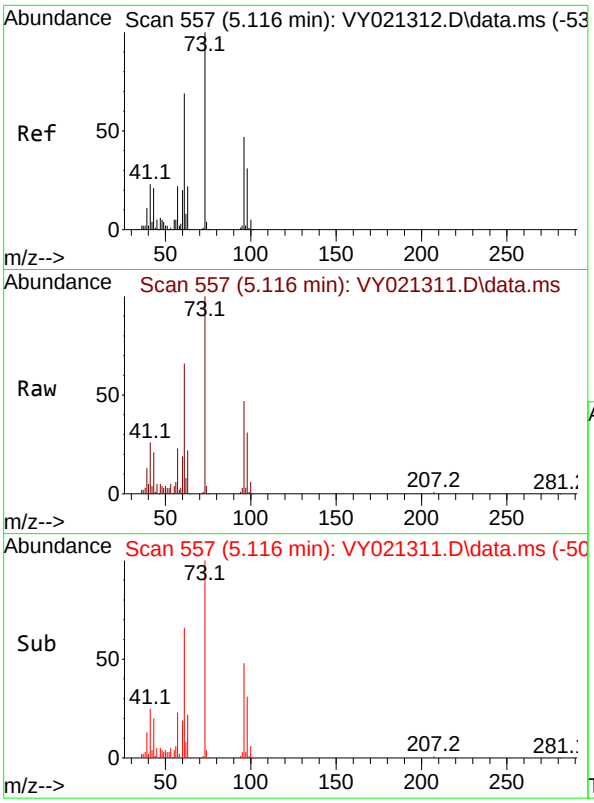




#18
Methyl Acetate
Concen: 19.500 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 43 Resp: 19534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 21.4 | 17.7 | 26.5 |



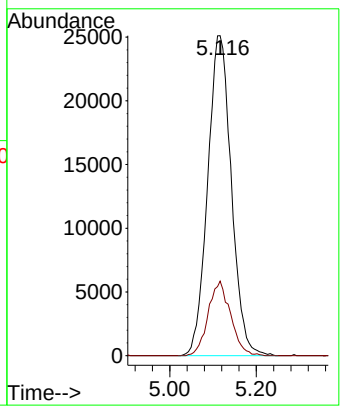


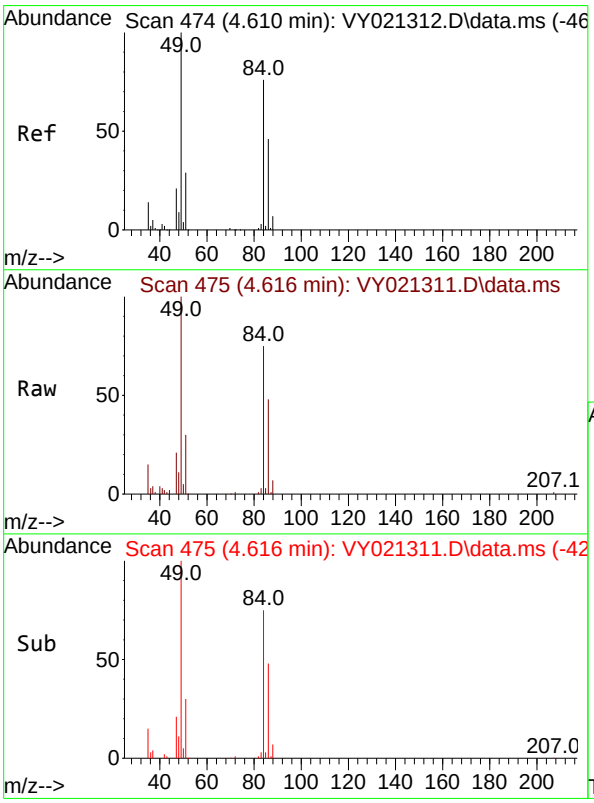

#19
Methyl tert-butyl Ether
Concen: 19.069 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 73 Resp: 95488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 23.3 | 17.4 | 26.0 |

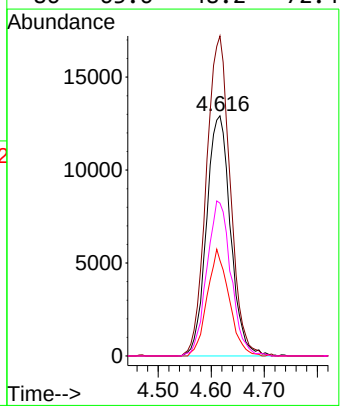


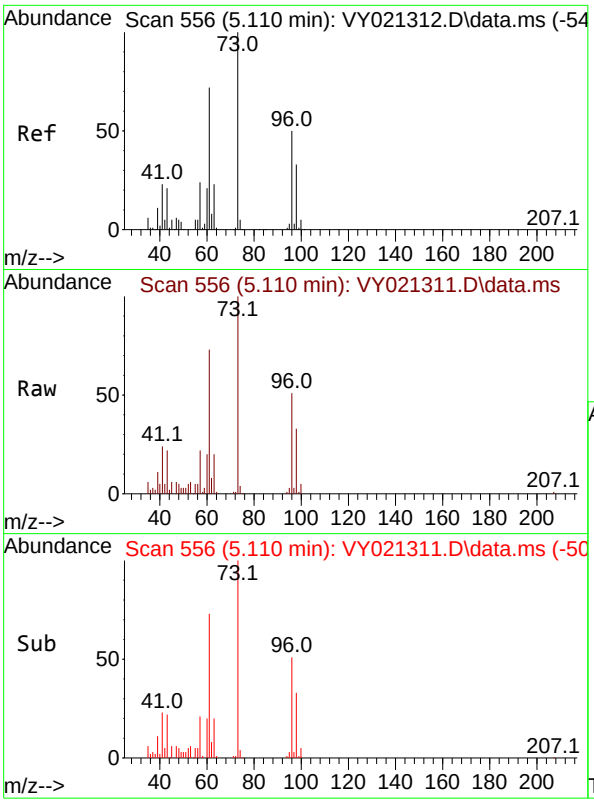




#20
Methylene Chloride
Concen: 18.331 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 84 Resp: 40630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 133.3 | 105.1 | 157.7 |
| 51 | 39.8 | 31.0 | 46.4 |
| 86 | 63.6 | 48.2 | 72.4 |



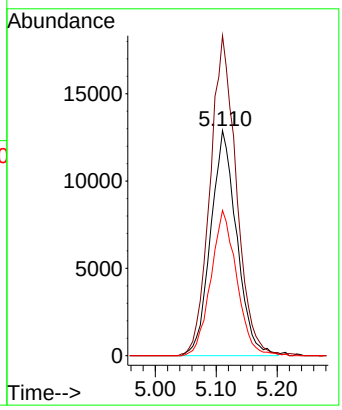


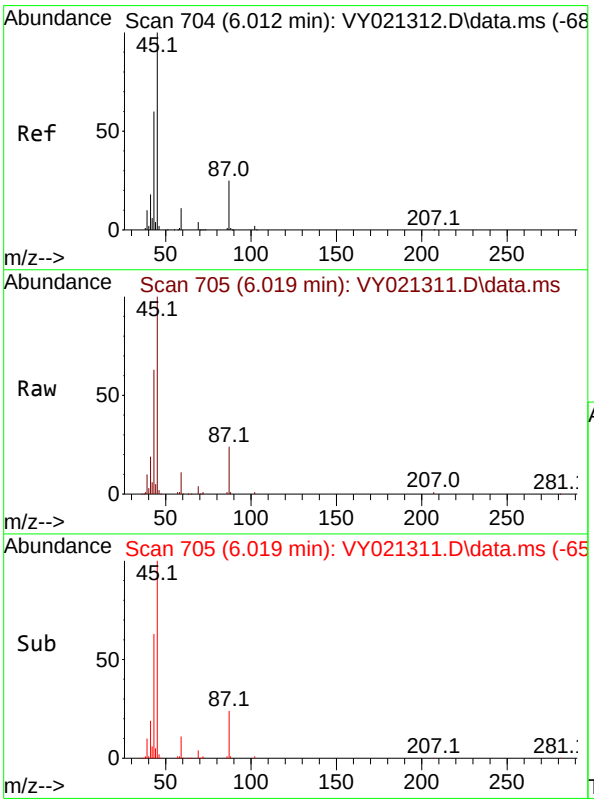

#21
trans-1,2-Dichloroethene
Concen: 18.317 ug/l
RT: 5.110 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 96 Resp: 38218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 142.1 | 116.3 | 174.5 |
| 98 | 64.5 | 52.6 | 78.8 |

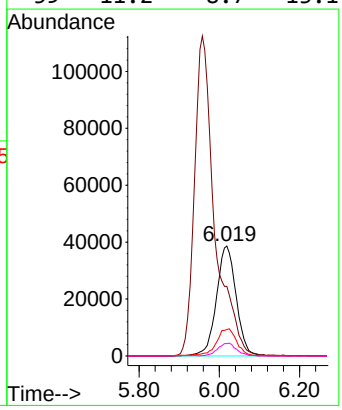


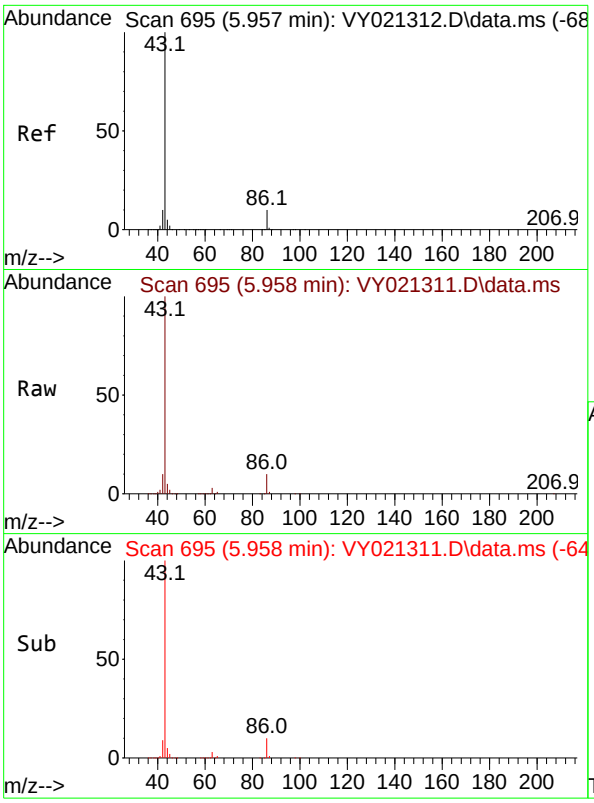




#22
Diisopropyl ether
Concen: 18.989 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 45 Resp: 132039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 62.7 | 48.2 | 72.4 |
| 87 | 24.1 | 20.3 | 30.5 |
| 59 | 11.2 | 8.7 | 13.1 |



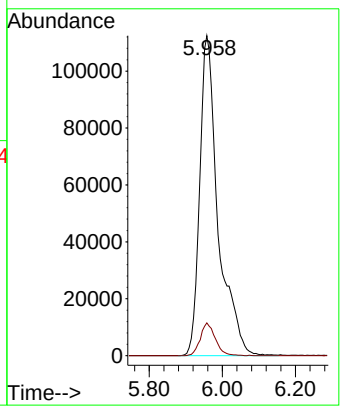


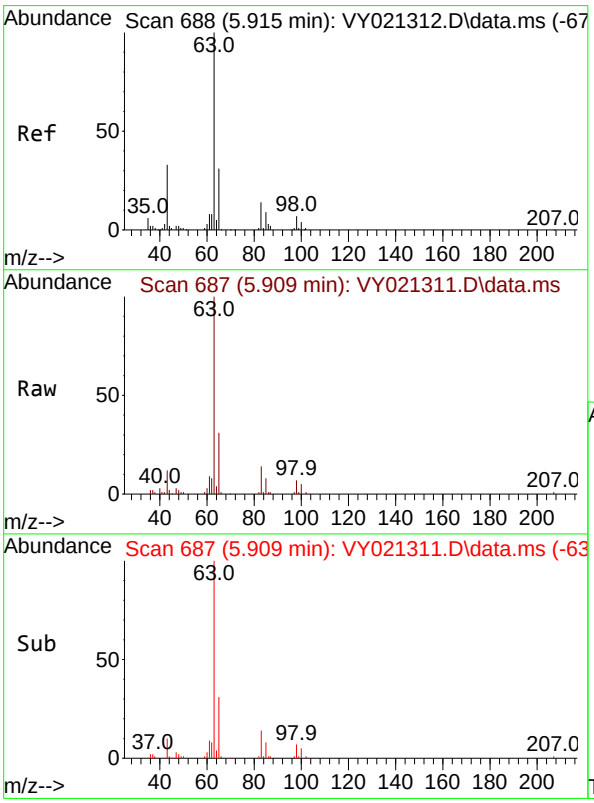

#23
Vinyl Acetate
Concen: 94.730 ug/l
RT: 5.958 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 43 Resp: 393629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.2 | 8.0 | 12.0 |

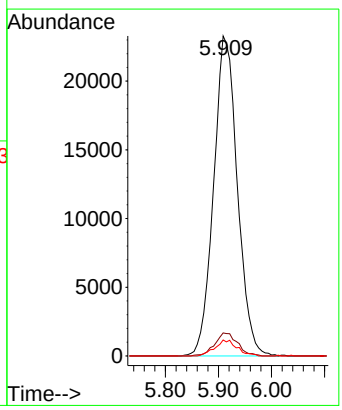


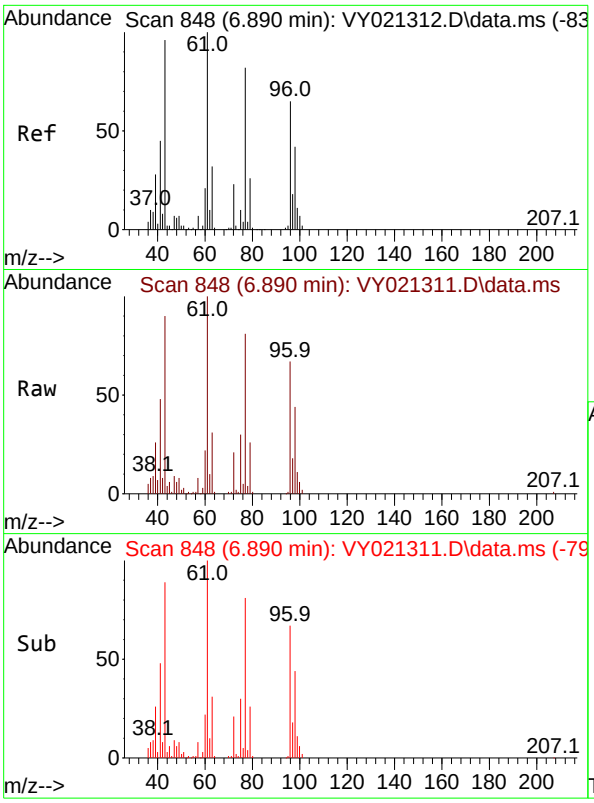




#24
1,1-Dichloroethane
Concen: 18.480 ug/l
RT: 5.909 min Scan# 687
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 63 Resp: 72428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.2 | 3.7 | 11.1 |
| 100 | 5.0 | 2.1 | 6.5 |



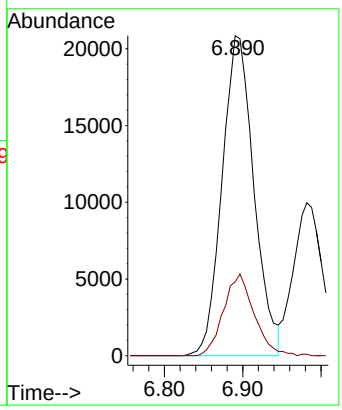


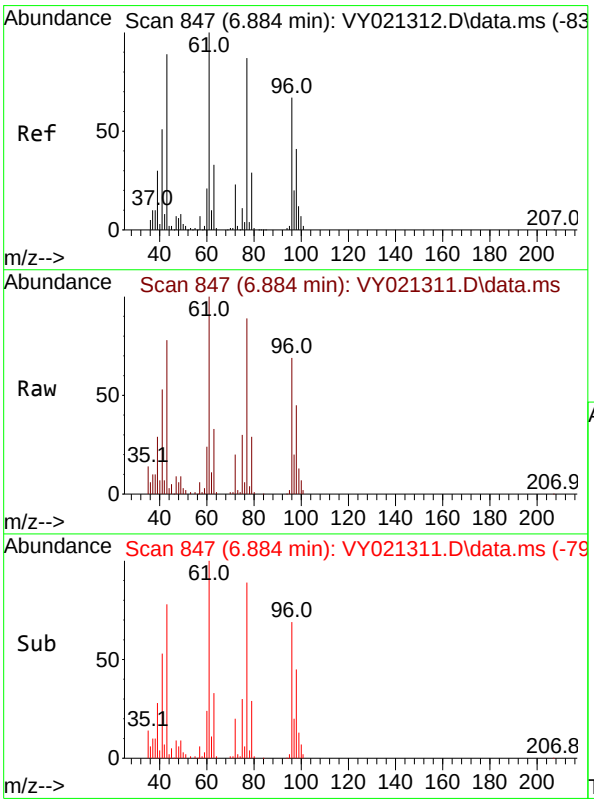

#25
2-Butanone
Concen: 95.278 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 43 Resp: 58941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 23.0 | 19.0 | 28.6 |

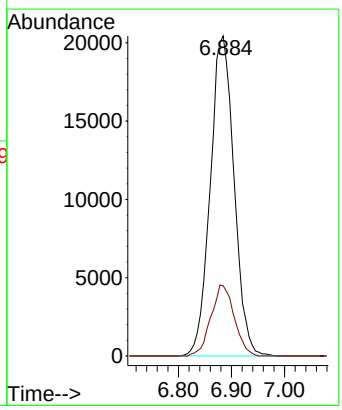


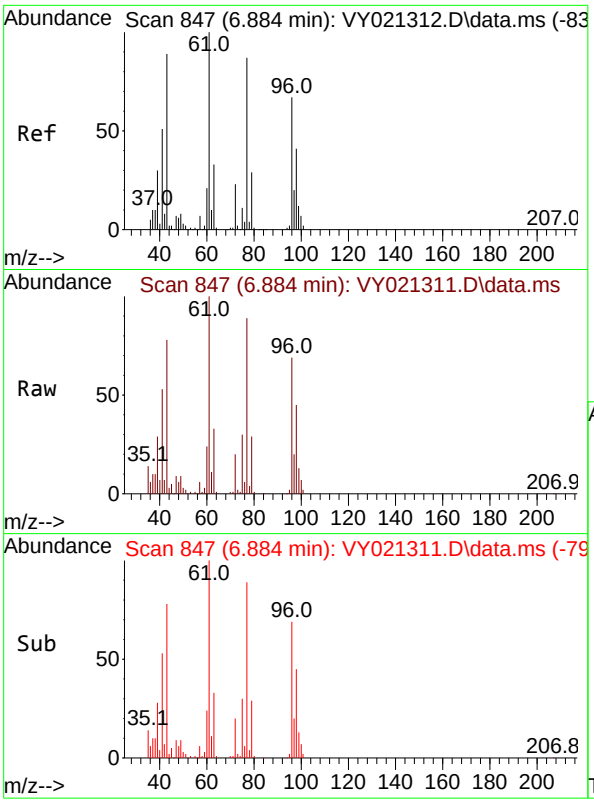




#26
2,2-Dichloropropane
Concen: 17.908 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 77 Resp: 63686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 21.7 | 10.9 | 32.7 |



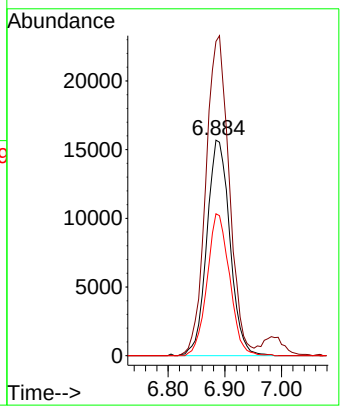


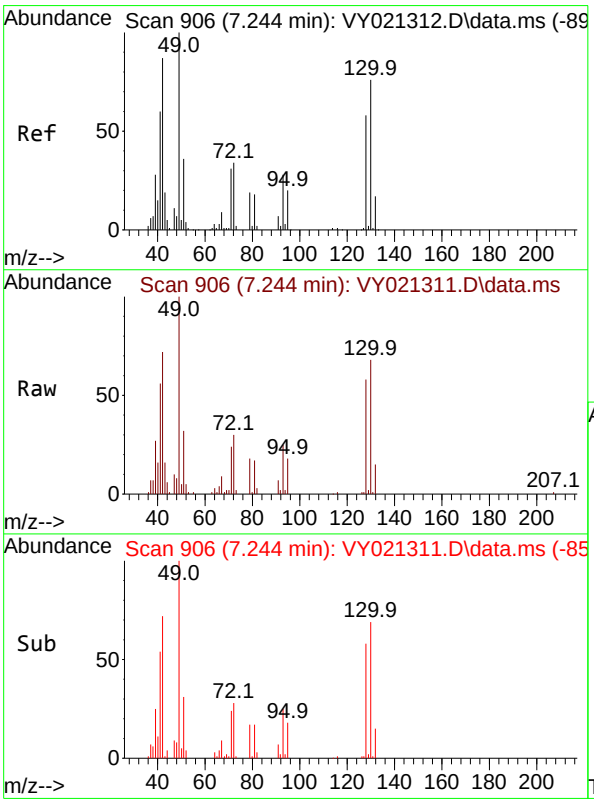

#27
cis-1,2-Dichloroethene
Concen: 18.592 ug/l
RT: 6.884 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 96 Resp: 44297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 150.5 | 0.0 | 308.0 |
| 98 | 64.3 | 0.0 | 129.6 |

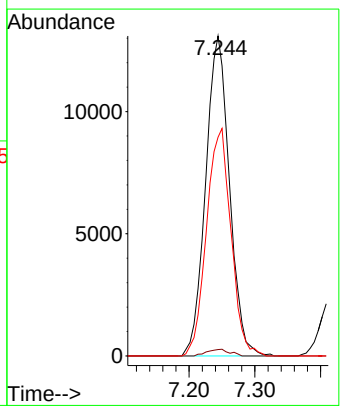


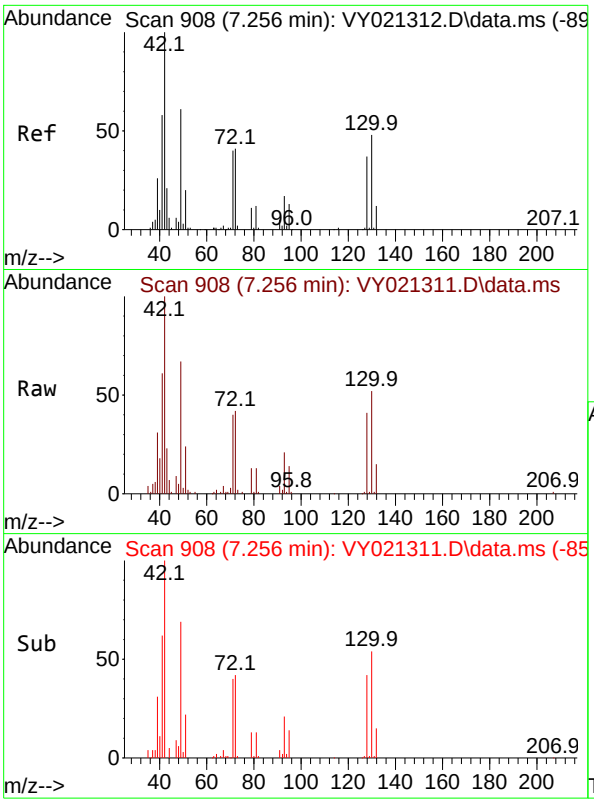




#28
Bromochloromethane
Concen: 19.022 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 49 Resp: 32987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.0 | 0.0 | 4.0 |
| 130 | 73.2 | 57.8 | 86.6 |



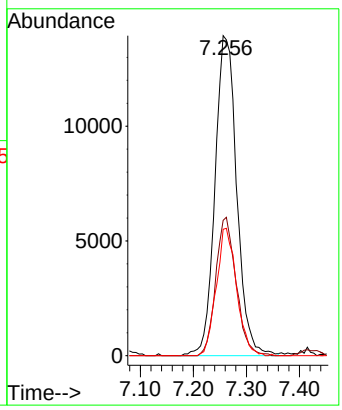


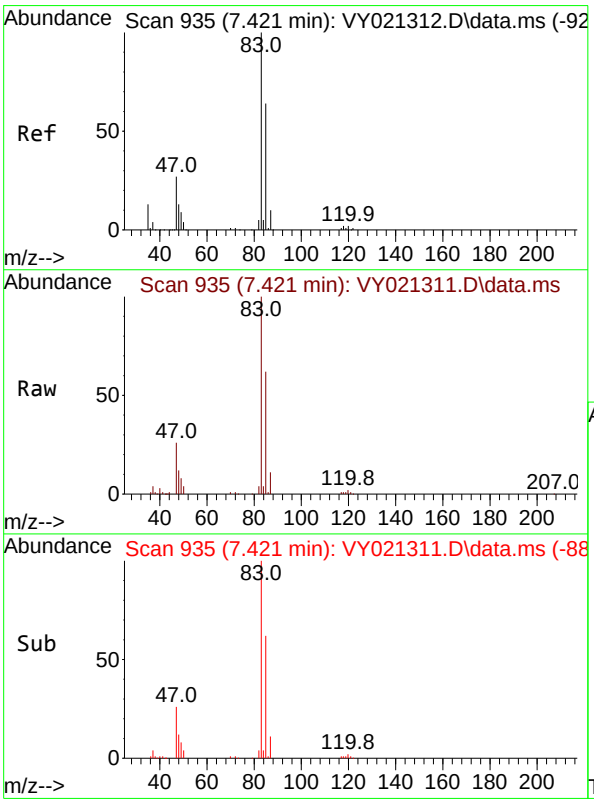

#29
Tetrahydrofuran
Concen: 98.365 ug/l
RT: 7.256 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 42 Resp: 39775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 40.4 | 33.1 | 49.7 |
| 71 | 37.2 | 31.4 | 47.0 |

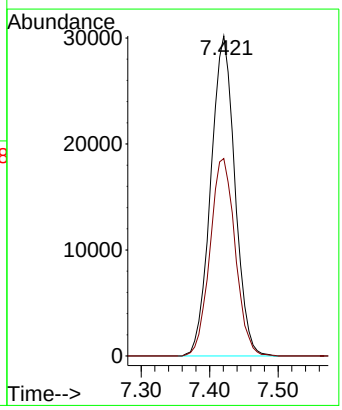


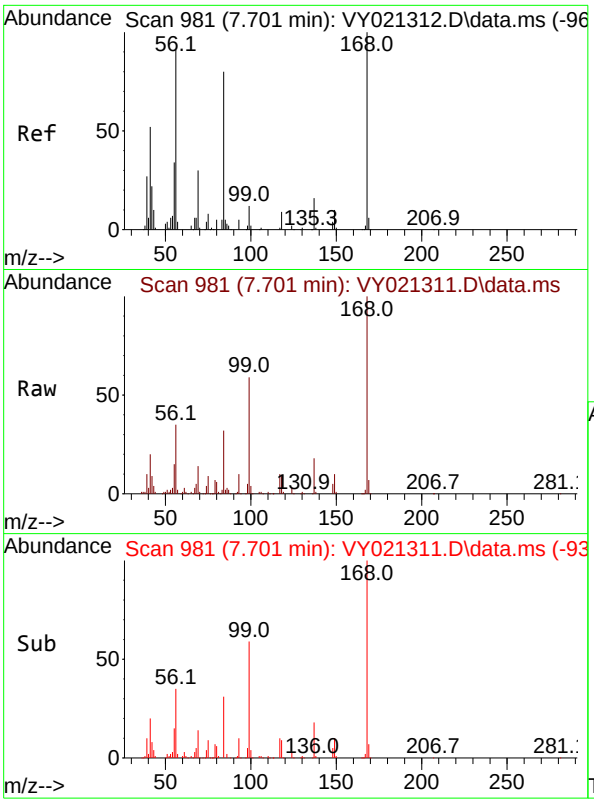




#30
Chloroform
Concen: 18.543 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 83 Resp: 73639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 61.7 | 51.6 | 77.4 |



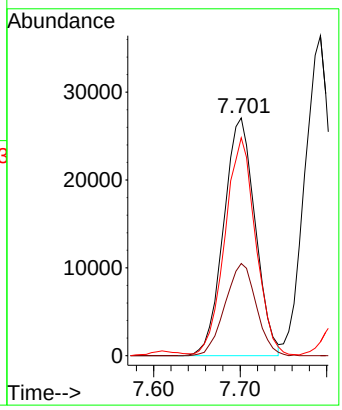


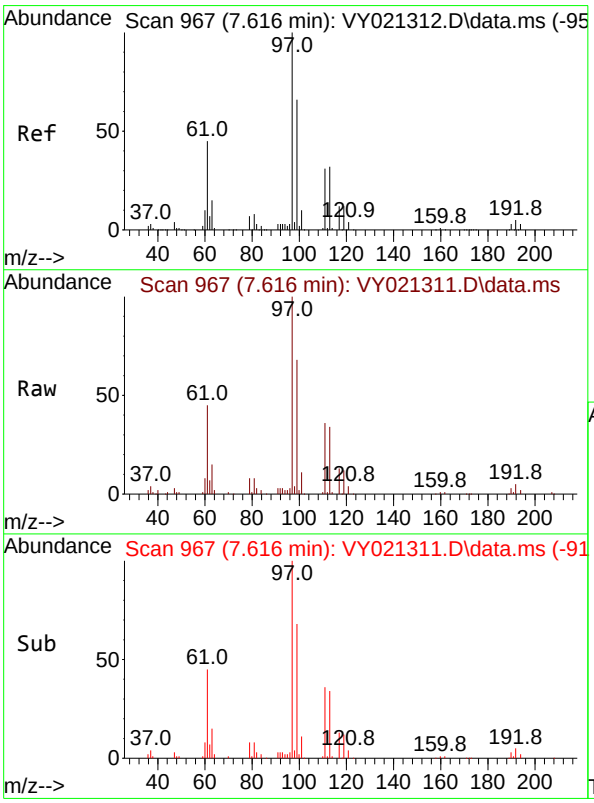

#31
Cyclohexane
Concen: 18.191 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 56 Resp: 68531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 38.8 | 26.2 | 39.4 |
| 84 | 90.4 | 70.2 | 105.4 |

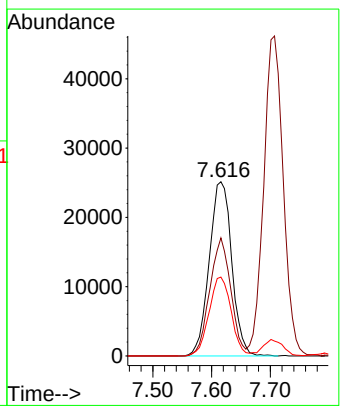


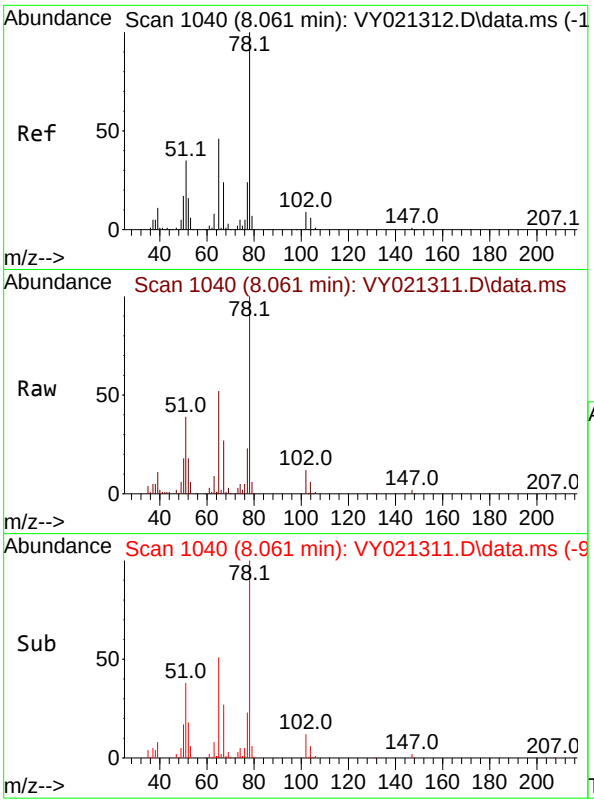




#32
1,1,1-Trichloroethane
Concen: 18.538 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 97 Resp: 67011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.3 | 52.4 | 78.6 |
| 61 | 44.5 | 36.2 | 54.2 |



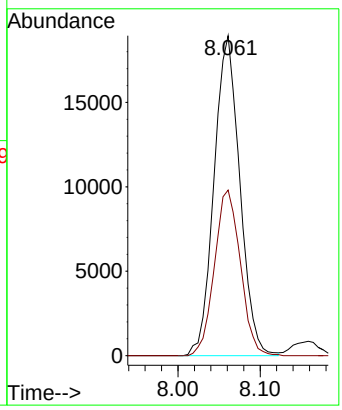


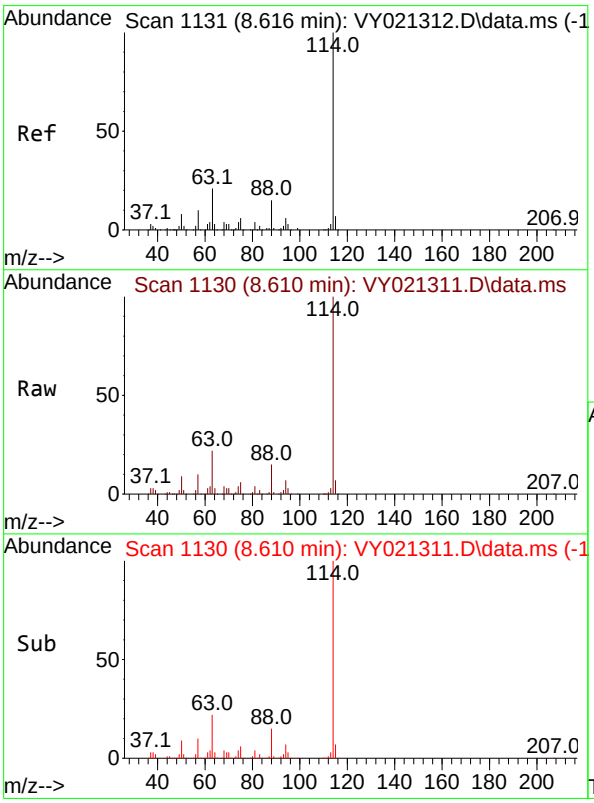

#33
1,2-Dichloroethane-d4
Concen: 19.337 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 65 Resp: 41320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.1 | 0.0 | 103.6 |

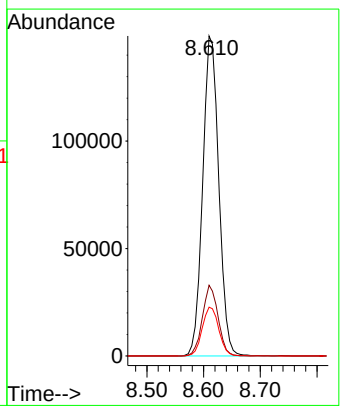


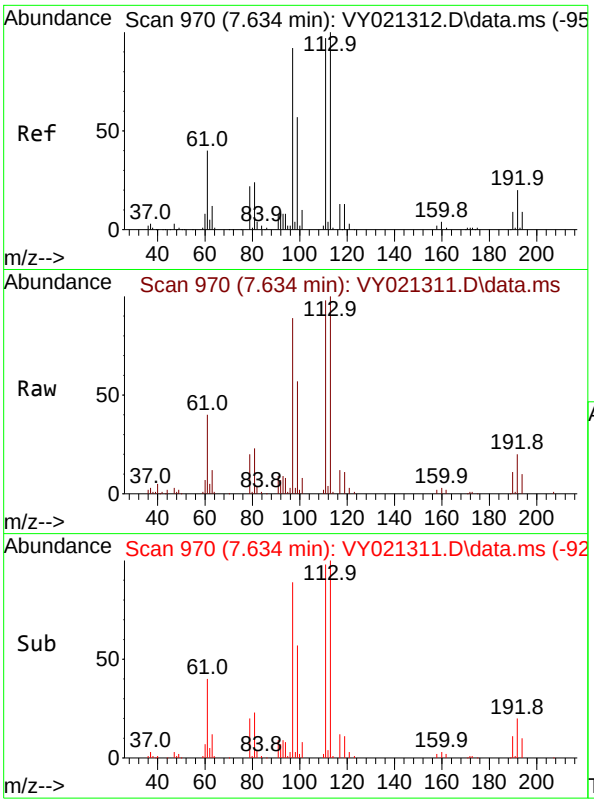




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:114 Resp: 293434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.1 | 0.0 | 42.2 |
| 88 | 15.2 | 0.0 | 29.8 |



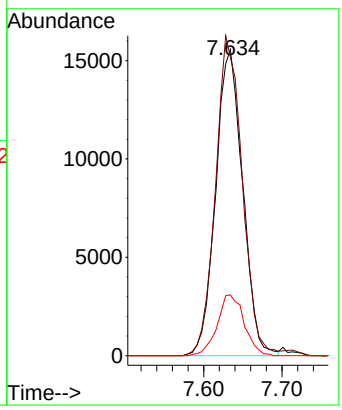


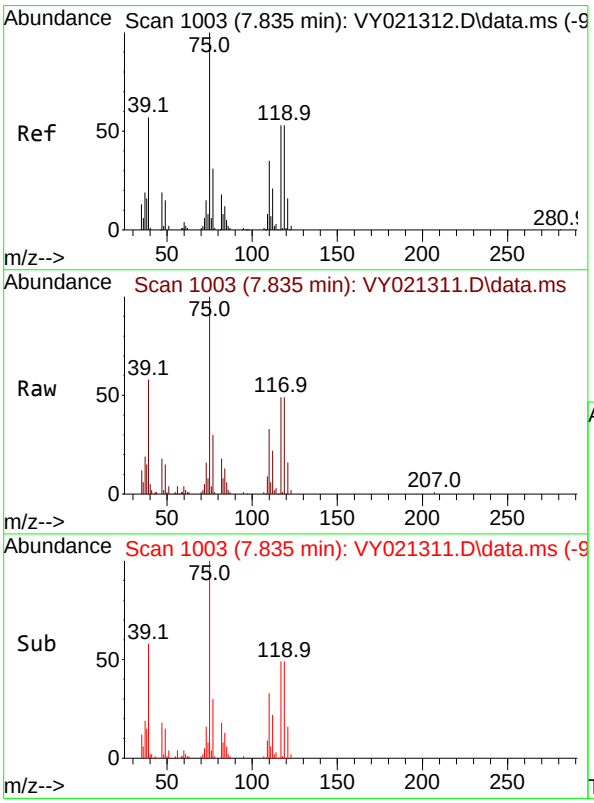

#35
Dibromofluoromethane
Concen: 19.371 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion:113 Resp: 37265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.5 | 81.0 | 121.6 |
| 192 | 19.8 | 15.8 | 23.8 |

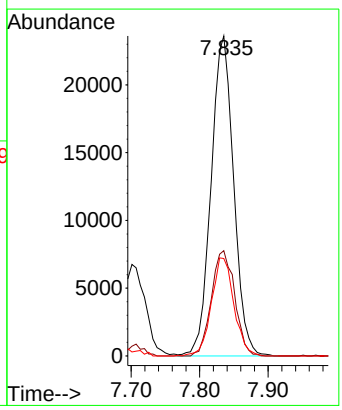


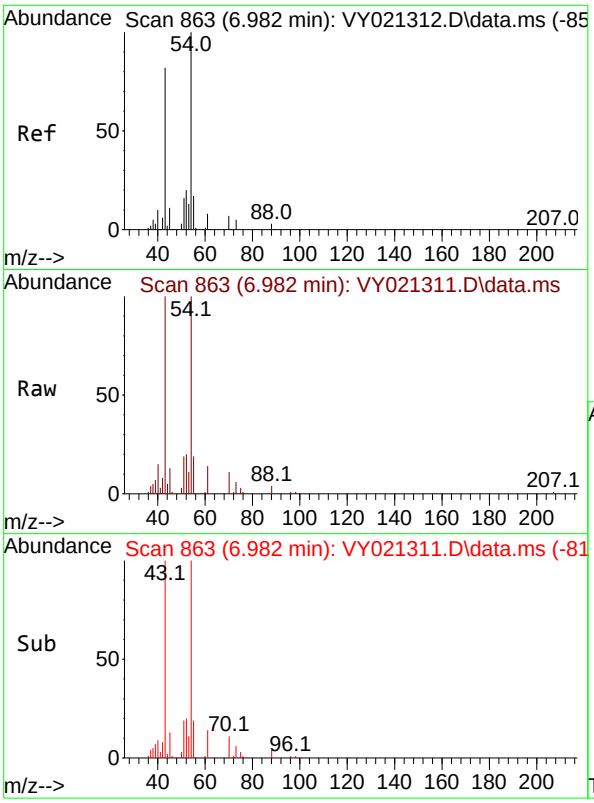




#36
1,1-Dichloropropene
Concen: 18.685 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 75 Resp: 53995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 33.9 | 16.9 | 50.7 |
| 77 | 30.6 | 24.6 | 36.8 |



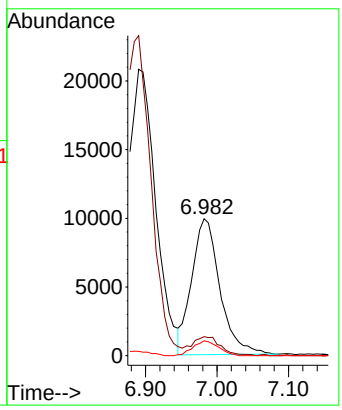


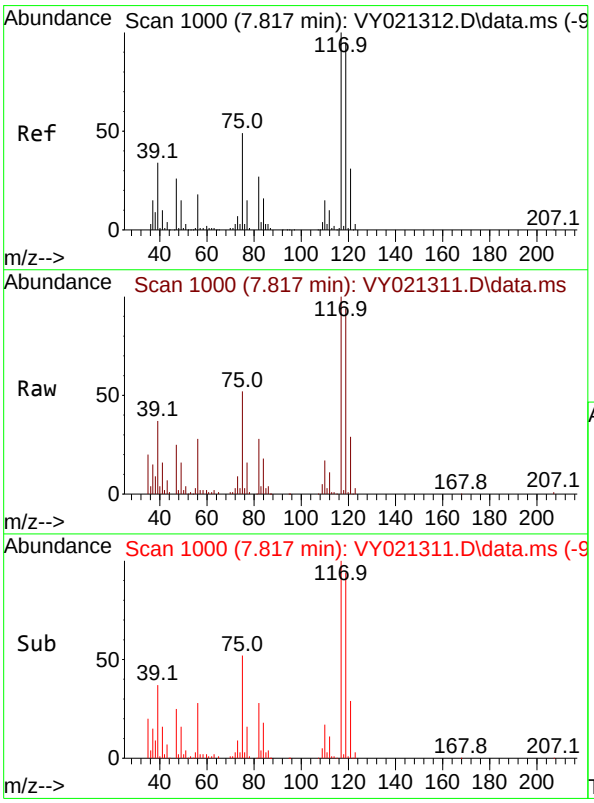

#37
Ethyl Acetate
Concen: 18.914 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 43 Resp: 27188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.1 | 10.4 | 15.6 |
| 70 | 9.8 | 7.5 | 11.3 |

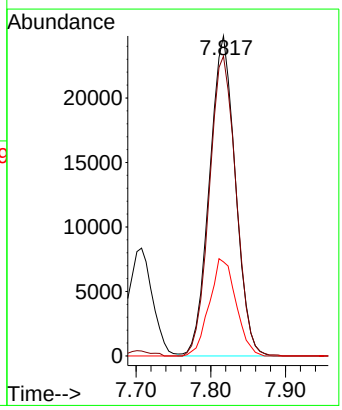


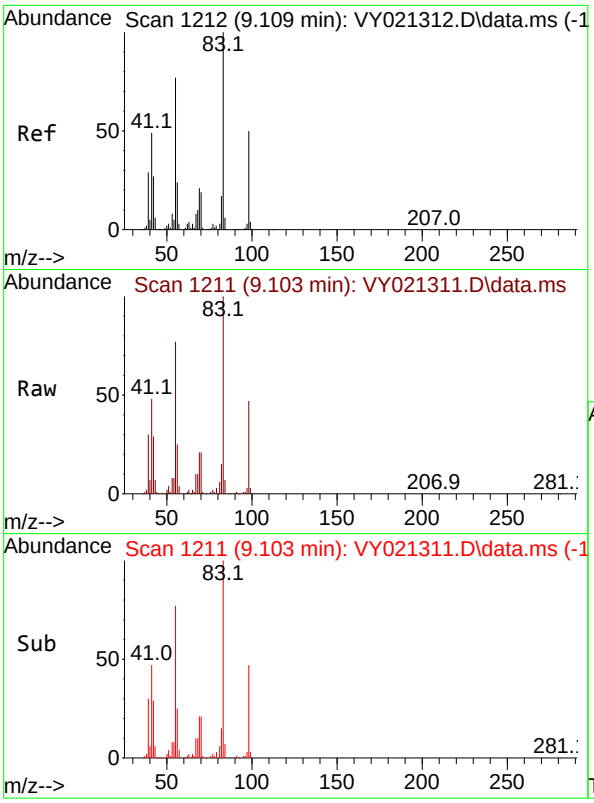




#38
Carbon Tetrachloride
Concen: 18.387 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:117 Resp: 59733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.7 | 76.0 | 114.0 |
| 121 | 29.4 | 24.9 | 37.3 |



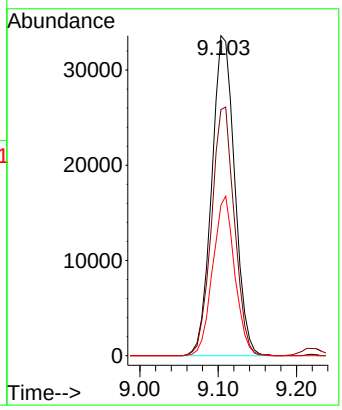


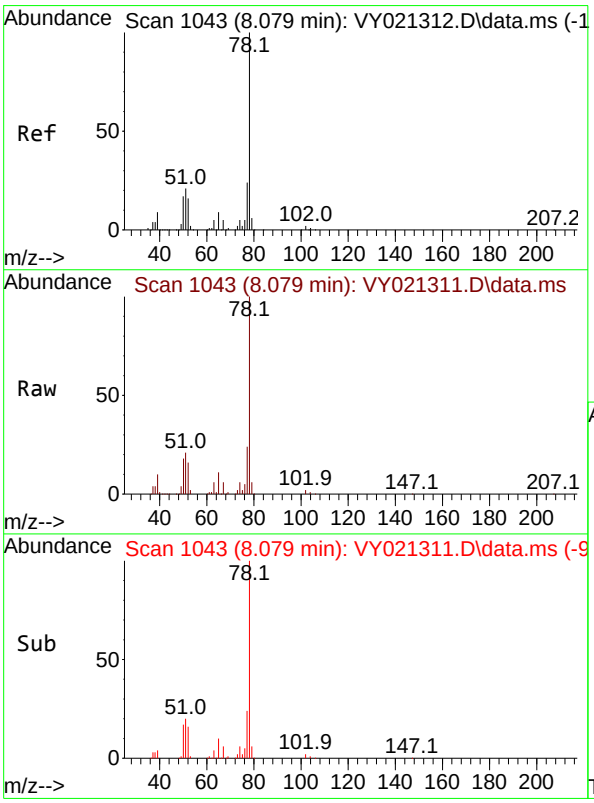

#39
Methylcyclohexane
Concen: 18.746 ug/l
RT: 9.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 83 Resp: 68516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 76.9 | 61.3 | 91.9 |
| 98 | 47.1 | 39.9 | 59.9 |

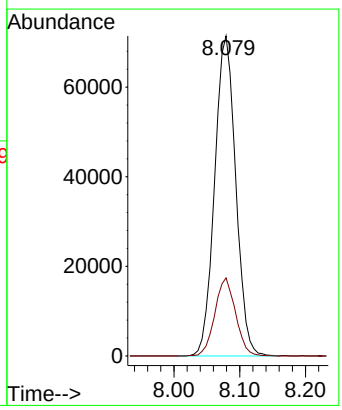


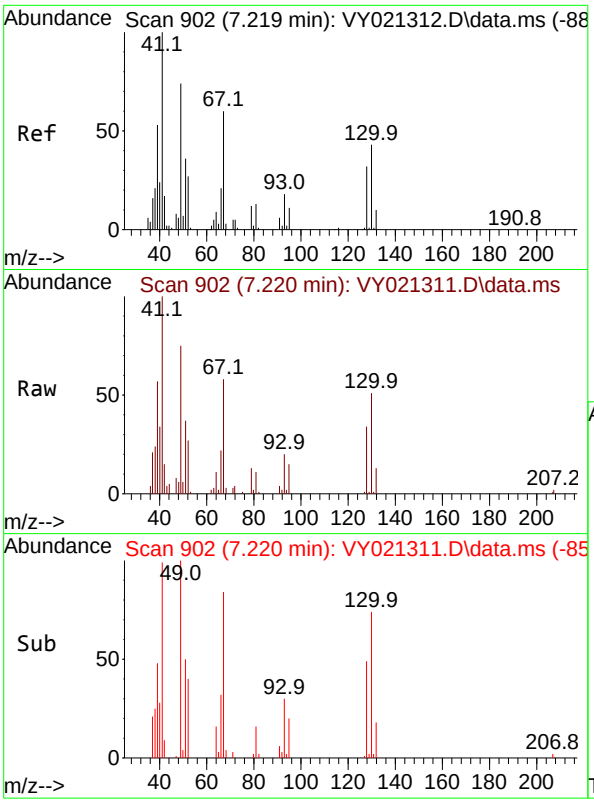




#40
Benzene
Concen: 18.676 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 78 Resp: 159536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.4 | 19.2 | 28.8 |



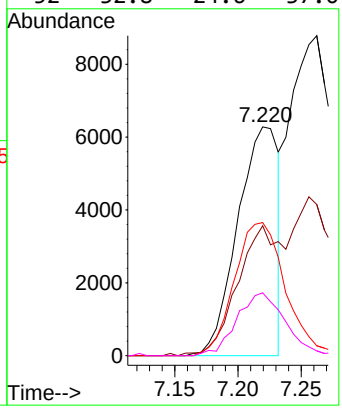


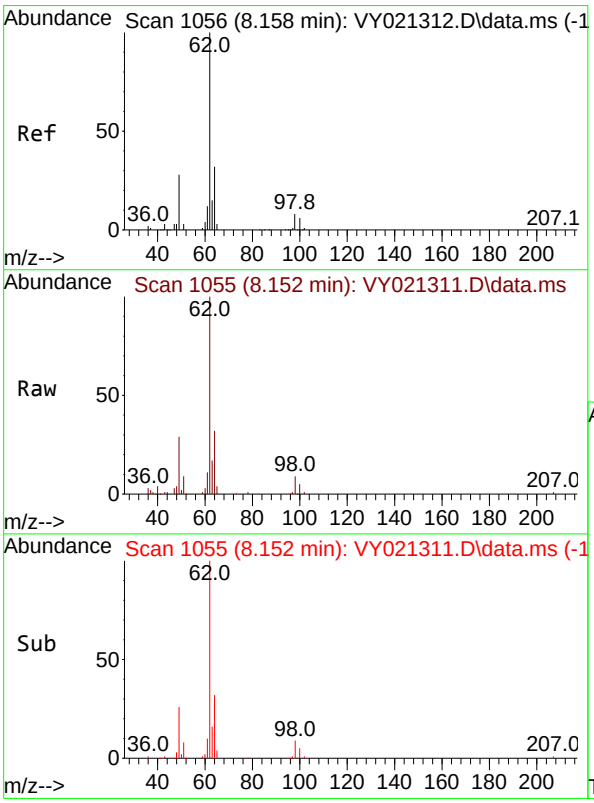

#41
Methacrylonitrile
Concen: 17.554 ug/l
RT: 7.220 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 41 Resp: 14108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 63.1 | 42.3 | 63.5 |
| 67 | 72.9 | 54.8 | 82.2 |
| 52 | 32.8 | 24.6 | 37.0 |

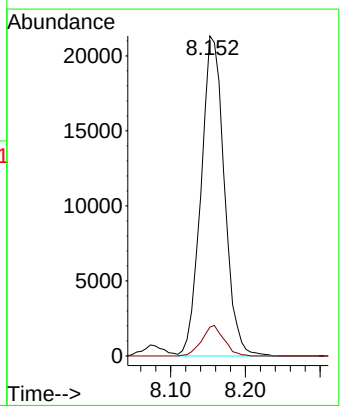


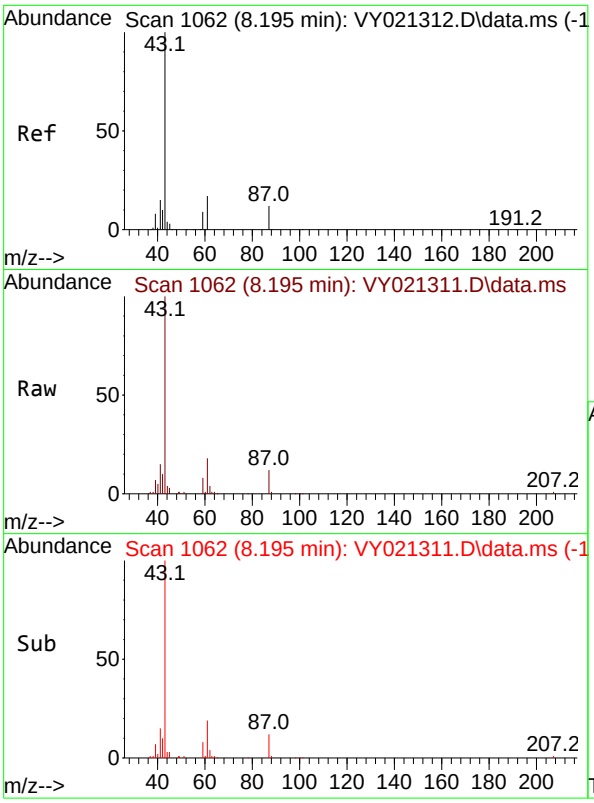




#42
1,2-Dichloroethane
Concen: 19.043 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 62 Resp: 46152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.1 | 0.0 | 17.6 |



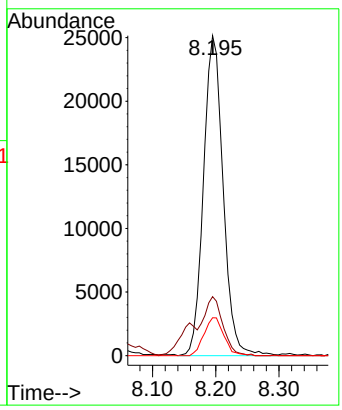


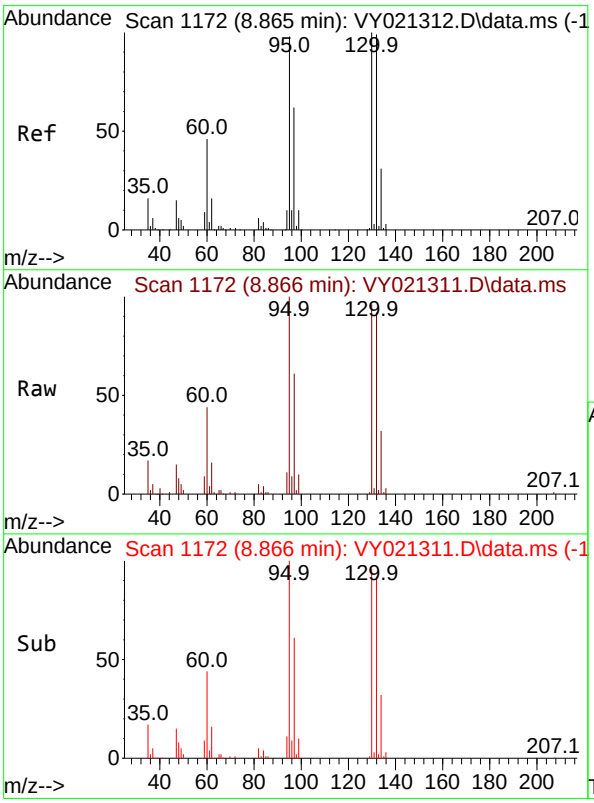

#43
Isopropyl Acetate
Concen: 19.583 ug/l
RT: 8.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 43 Resp: 54484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.0 | 15.0 | 22.6 |
| 87 | 12.1 | 10.0 | 15.0 |

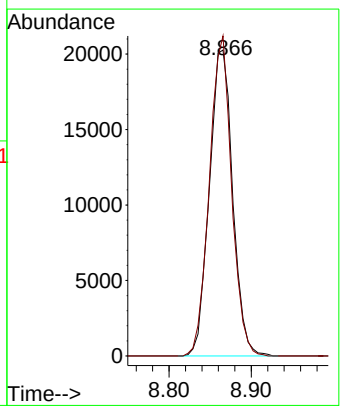


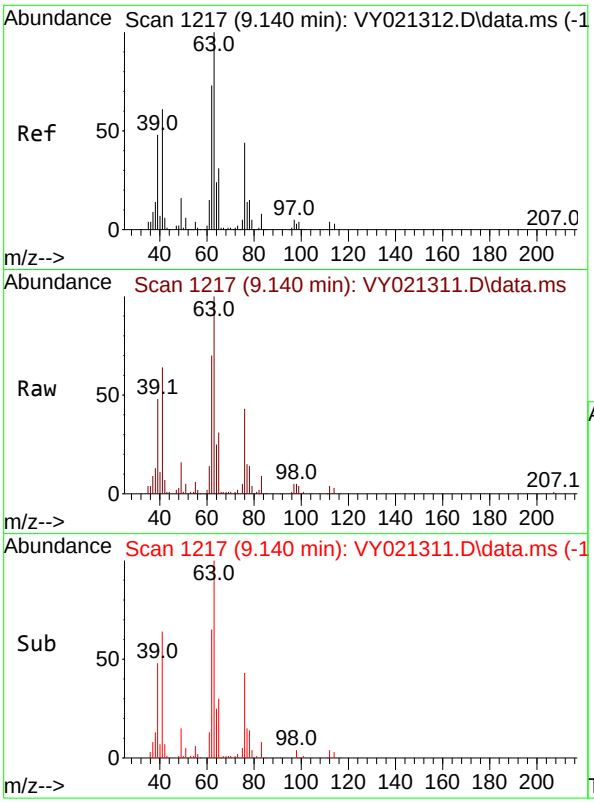




#44
Trichloroethene
Concen: 18.706 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:130 Resp: 40005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 104.6 | 0.0 | 196.0 |



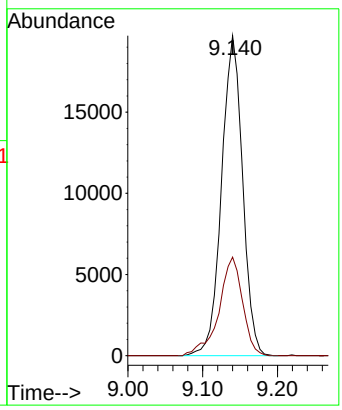


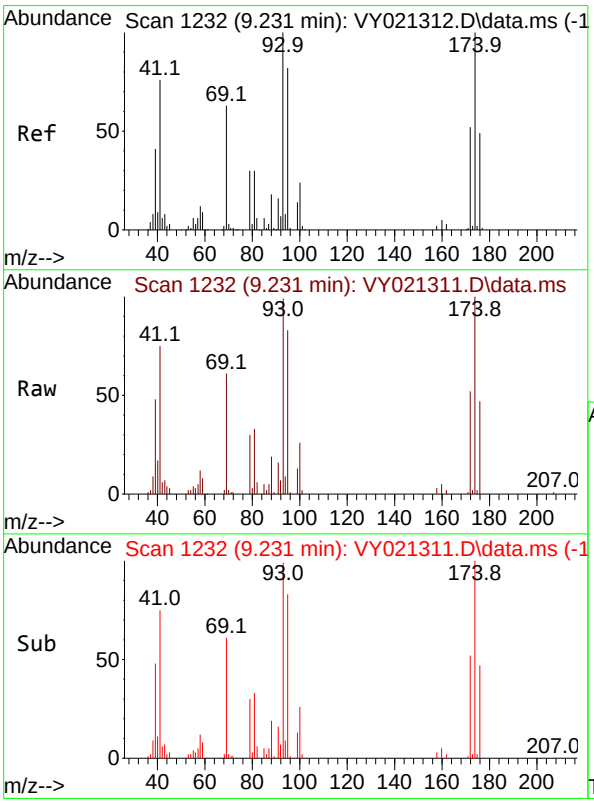

#45
1,2-Dichloropropane
Concen: 18.782 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 63 Resp: 38611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.8 | 24.6 | 36.8 |

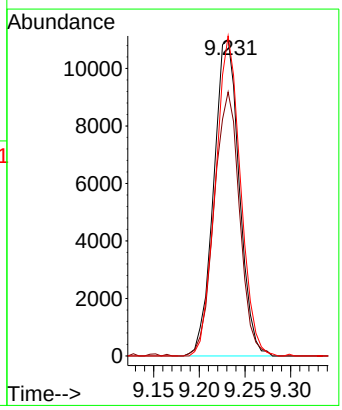


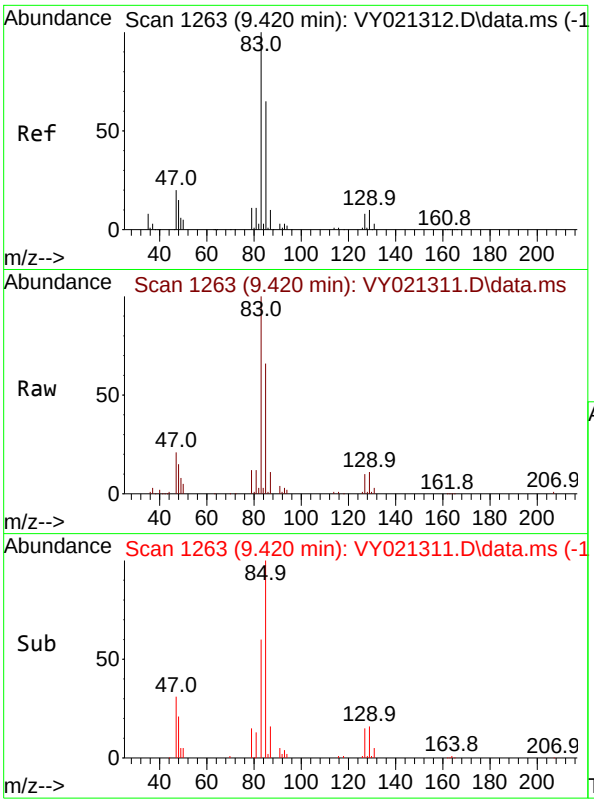




#46
Dibromomethane
Concen: 19.063 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 93 Resp: 21421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.0 | 66.4 | 99.6 |
| 174 | 98.7 | 78.2 | 117.2 |



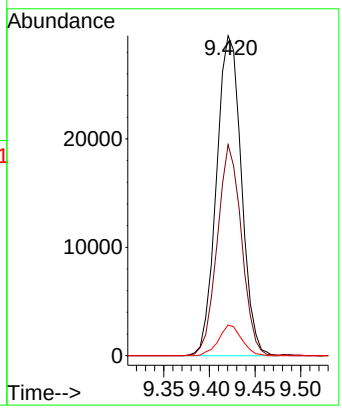


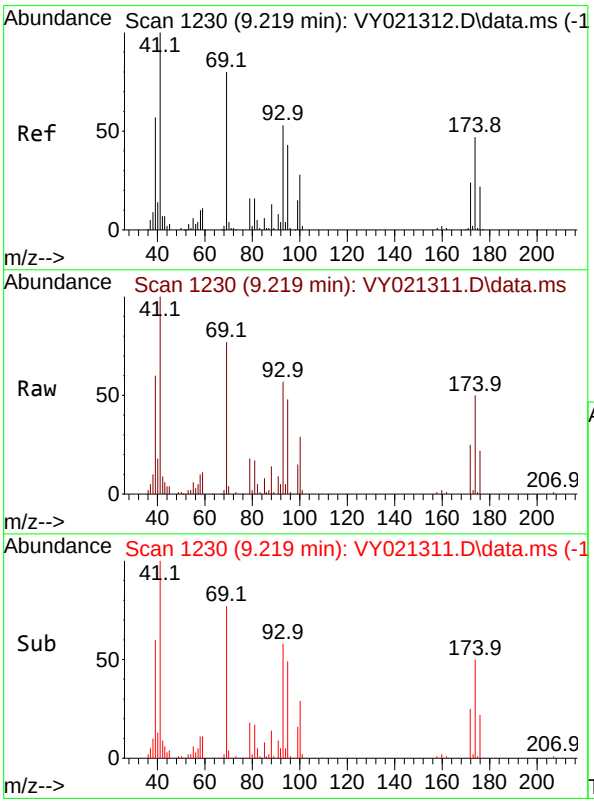

#47
Bromodichloromethane
Concen: 18.701 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 83 Resp: 56033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.0 | 51.8 | 77.8 |
| 127 | 9.6 | 6.7 | 10.1 |

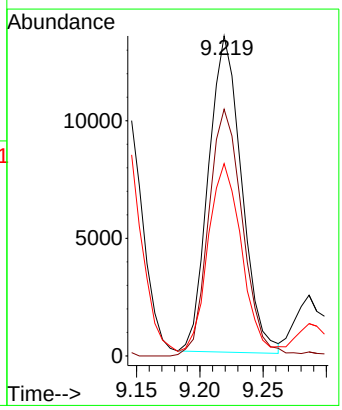


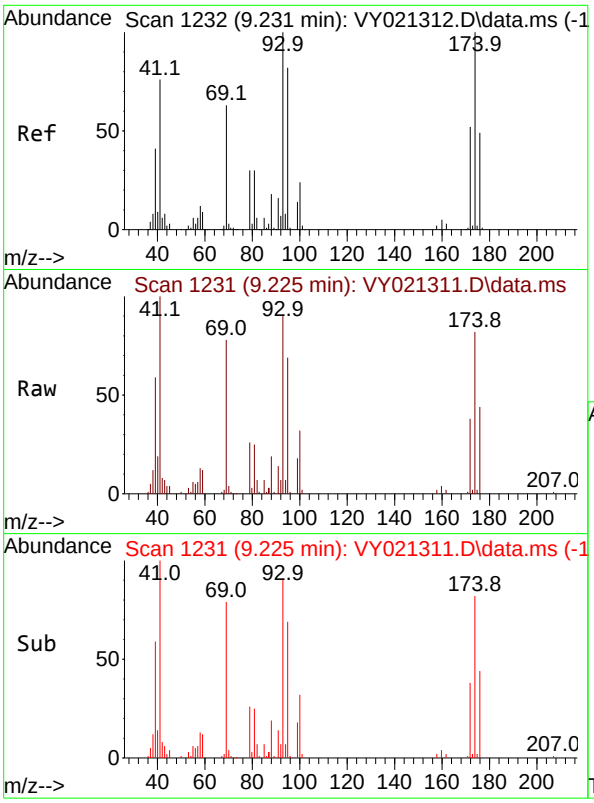




#48
Methyl methacrylate
Concen: 18.801 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 41 Resp: 24461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 80.2 | 63.3 | 94.9 |
| 39 | 60.2 | 45.0 | 67.6 |



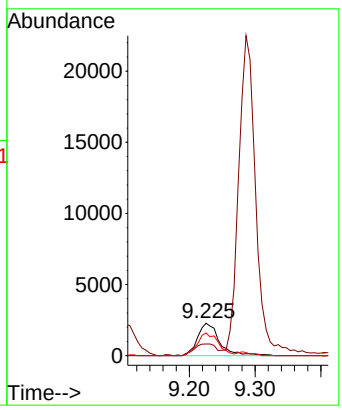


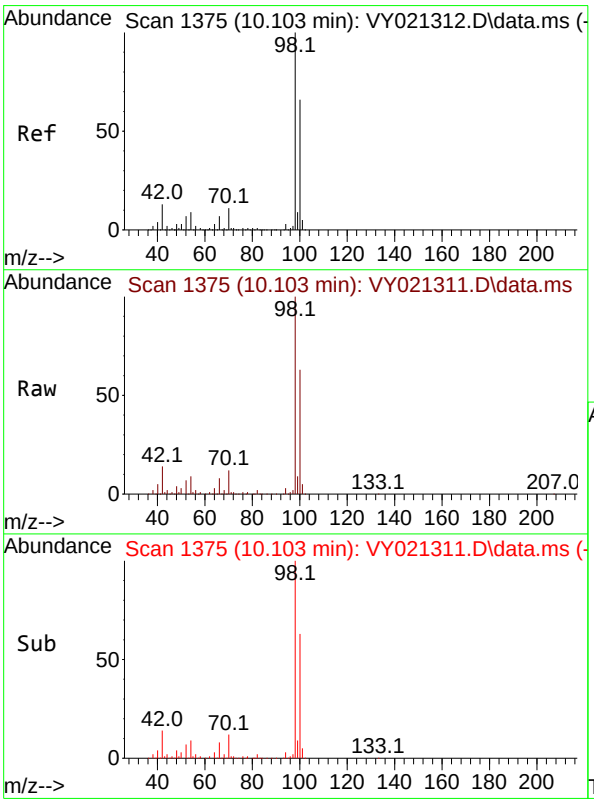

#49
1,4-Dioxane
Concen: 424.825 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 88 Resp: 5308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 35.4 | 34.8 | 52.2 |
| 58 | 66.8 | 59.8 | 89.6 |

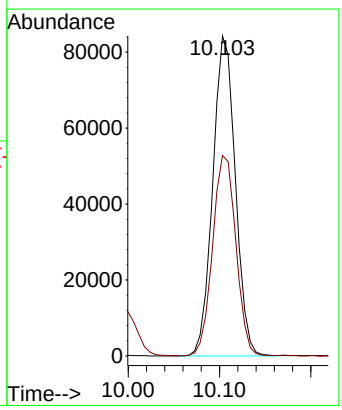


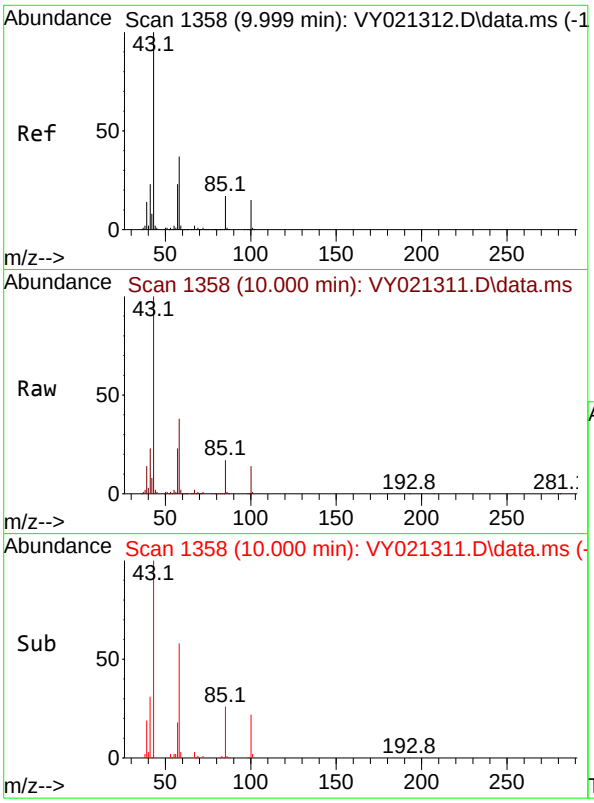




#50
Toluene-d8
Concen: 19.423 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 98 Resp: 144409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.9 | 52.4 | 78.6 |



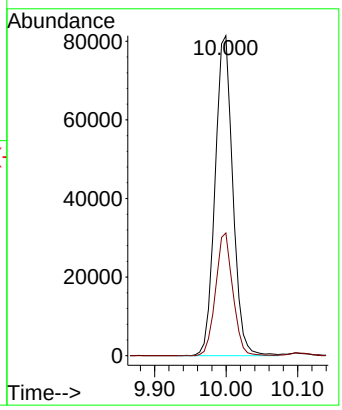


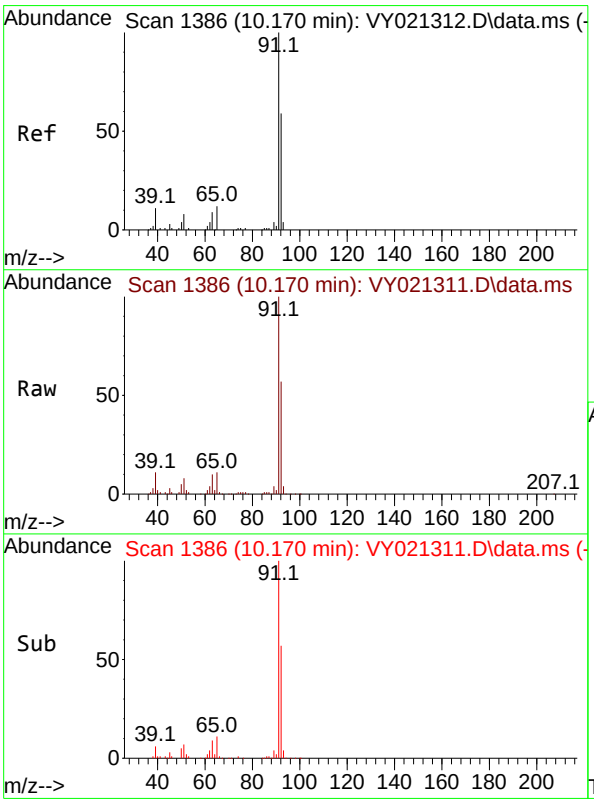

#51
4-Methyl-2-Pentanone
Concen: 98.430 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 43 Resp: 140187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.3 | 30.1 | 45.1 |

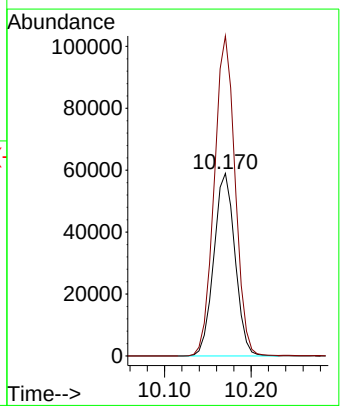


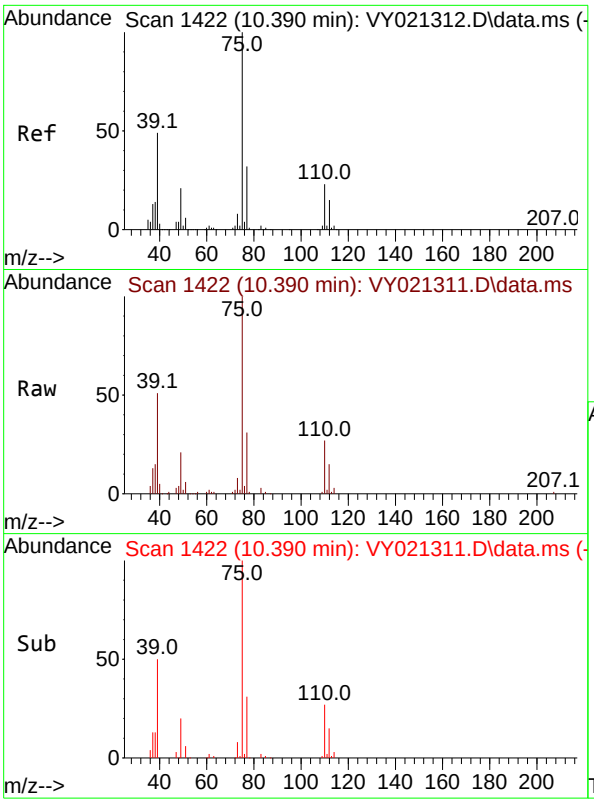




#52
Toluene
Concen: 18.854 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 92 Resp: 100050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 172.8 | 137.8 | 206.8 |



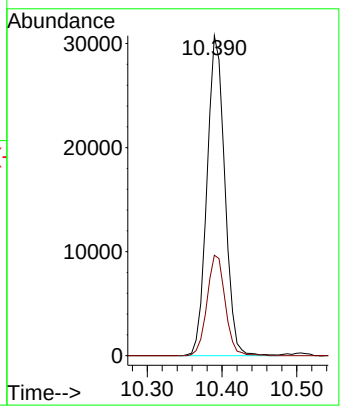


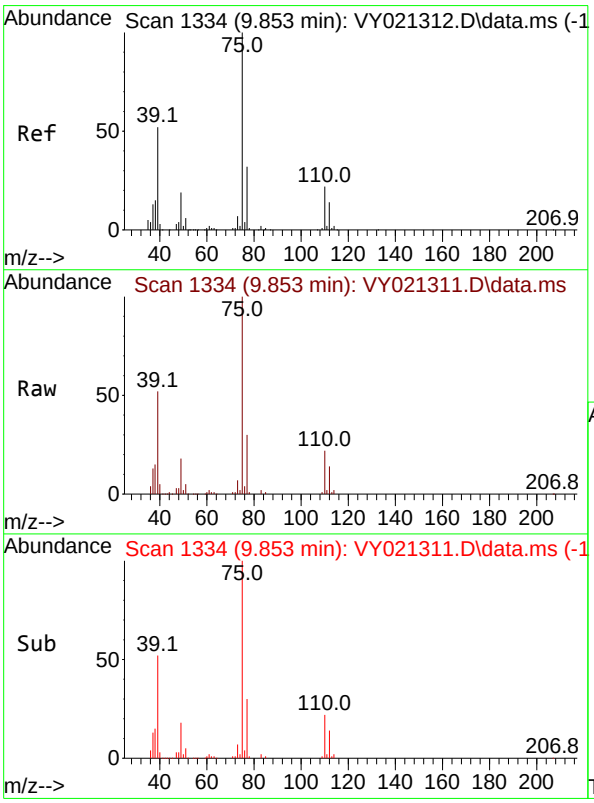

#53
t-1,3-Dichloropropene
Concen: 18.563 ug/l
RT: 10.390 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 75 Resp: 50957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.4 | 25.3 | 37.9 |

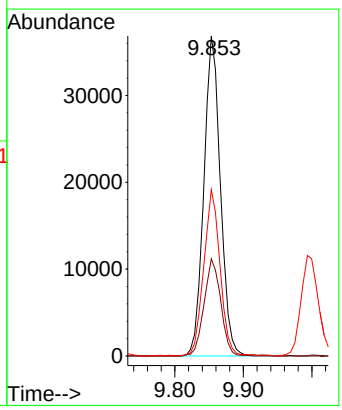


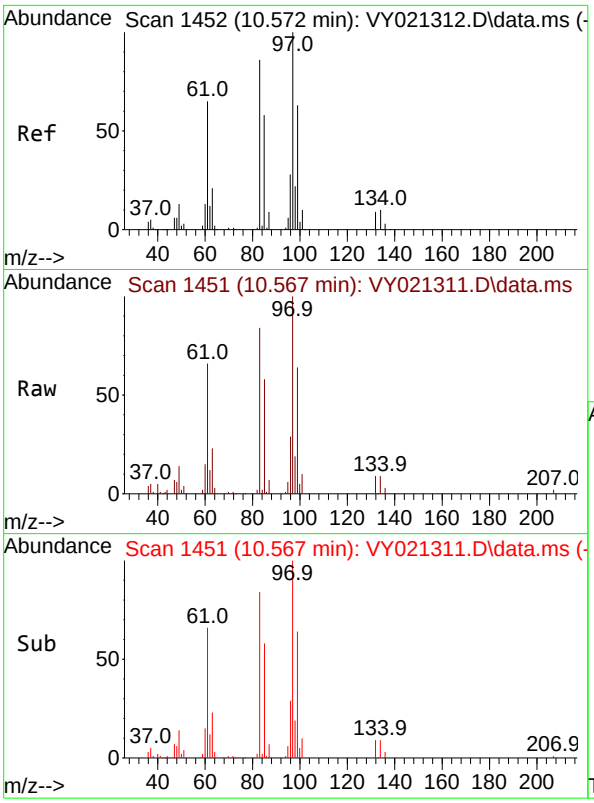




#54
cis-1,3-Dichloropropene
Concen: 19.122 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 75 Resp: 61967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.3 | 25.7 | 38.5 |
| 39 | 52.0 | 41.8 | 62.6 |



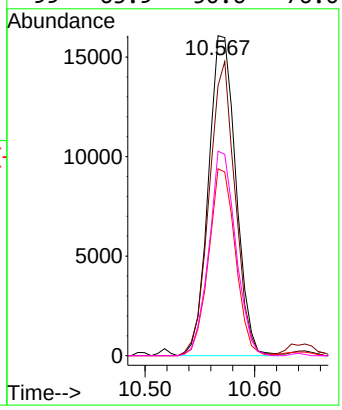


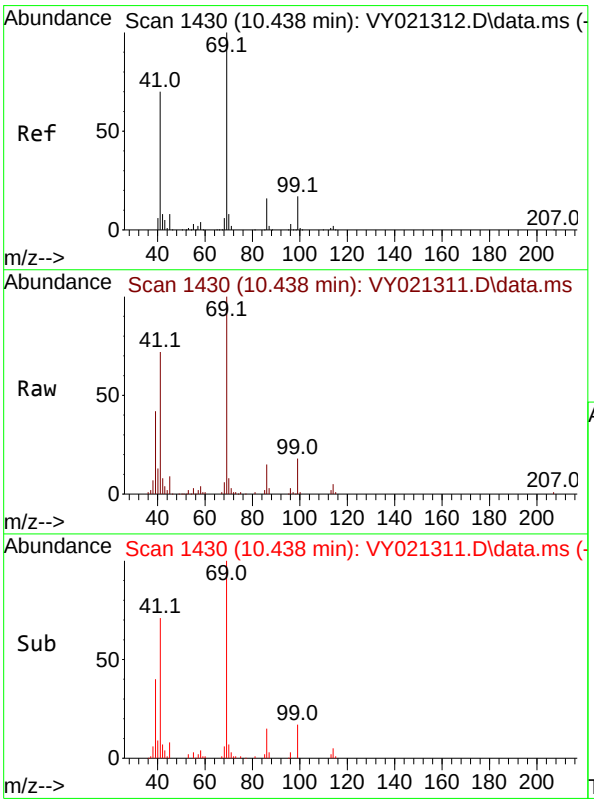

#55
1,1,2-Trichloroethane
Concen: 19.088 ug/l
RT: 10.567 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 97 Resp: 27942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 84.4 | 68.7 | 103.1 |
| 85 | 58.4 | 46.3 | 69.5 |
| 99 | 63.9 | 50.6 | 76.0 |

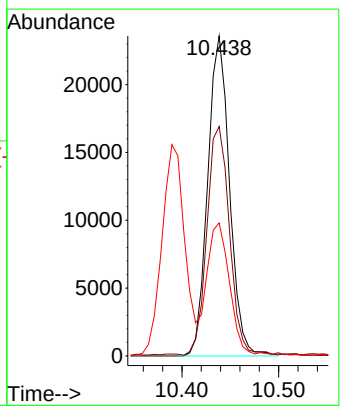


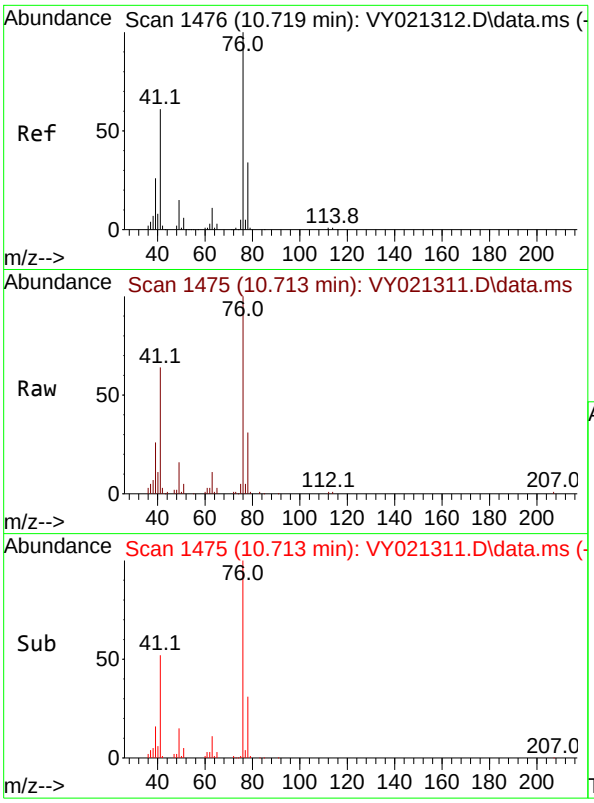




#56
Ethyl methacrylate
Concen: 18.291 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 69 Resp: 36997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 74.3 | 56.2 | 84.4 |
| 39 | 43.9 | 32.7 | 49.1 |



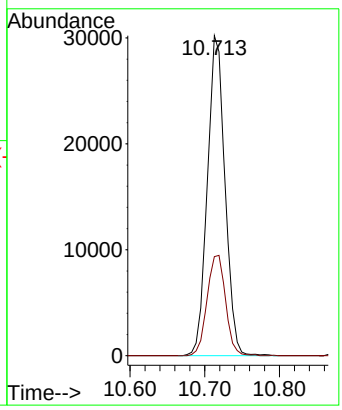


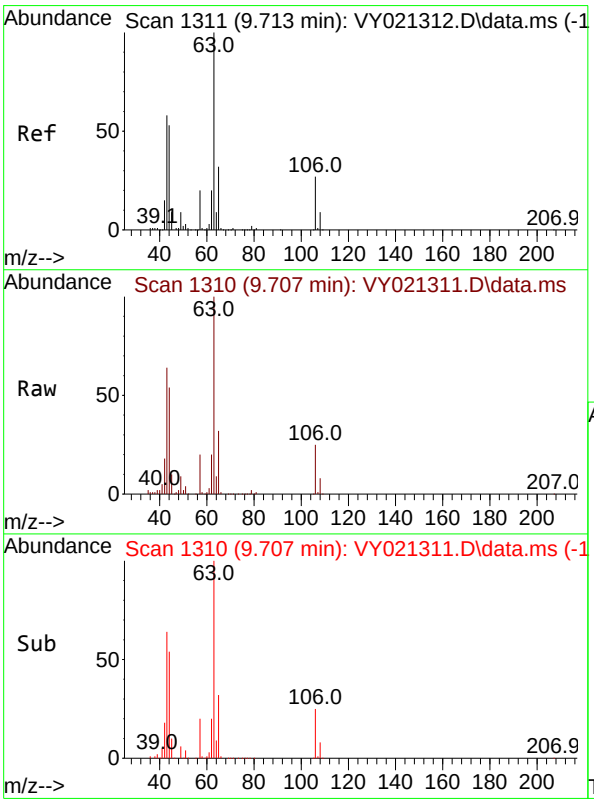

#57
1,3-Dichloropropane
Concen: 19.270 ug/l
RT: 10.713 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 76 Resp: 49499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.9 | 25.9 | 38.9 |

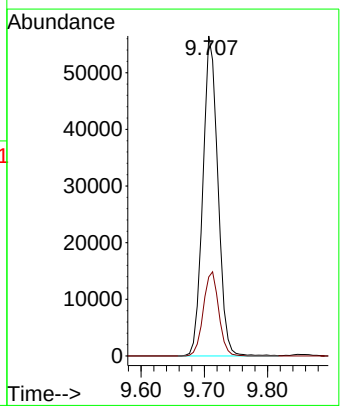


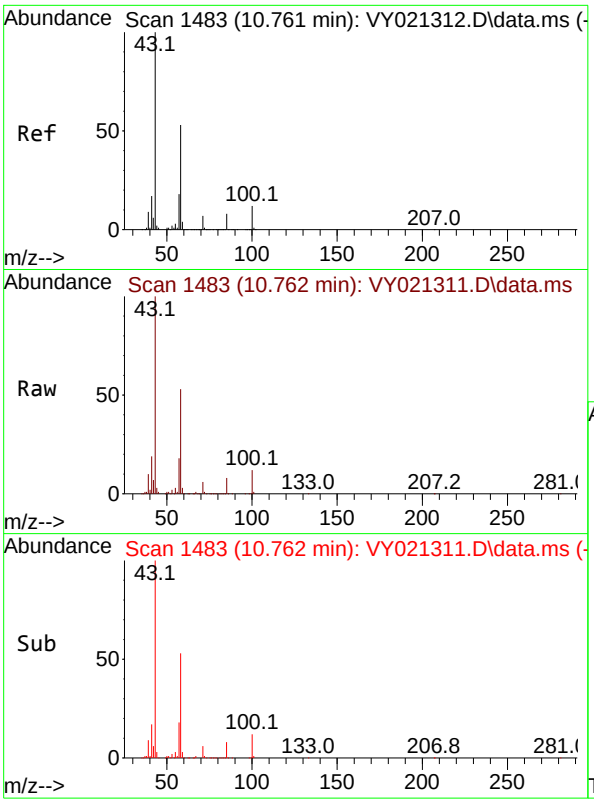




#58
2-Chloroethyl Vinyl ether
Concen: 96.179 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 63 Resp: 93377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 26.9 | 21.7 | 32.5 |



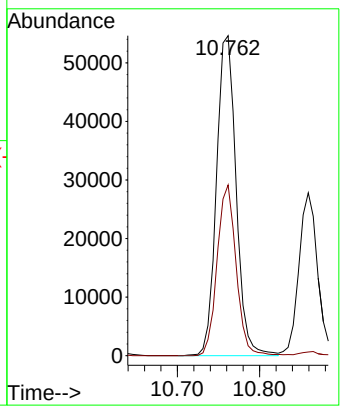


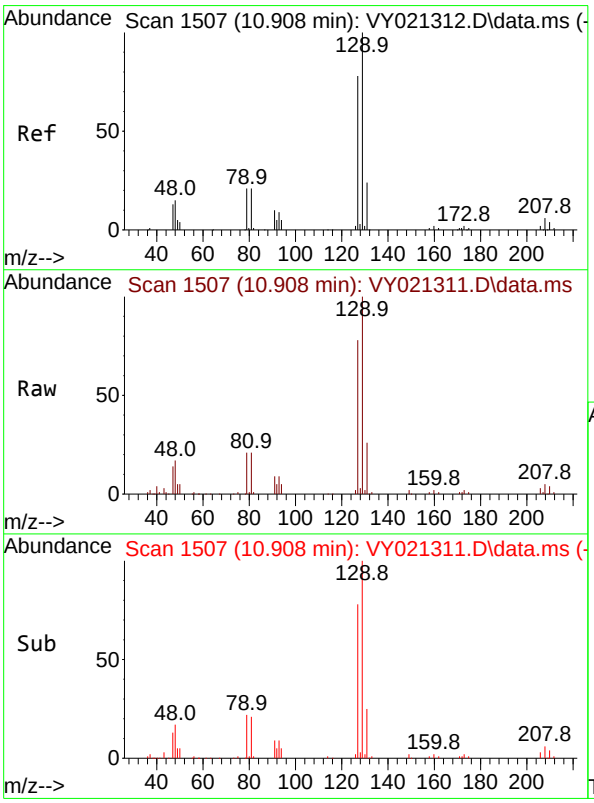

#59
2-Hexanone
Concen: 97.163 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 43 Resp: 90882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 51.7 | 25.9 | 77.6 |

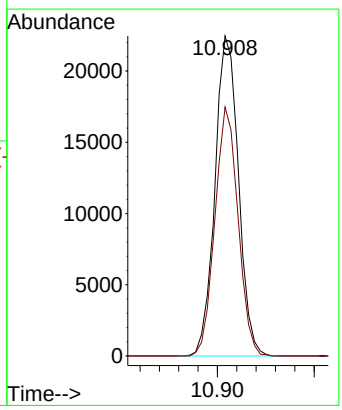


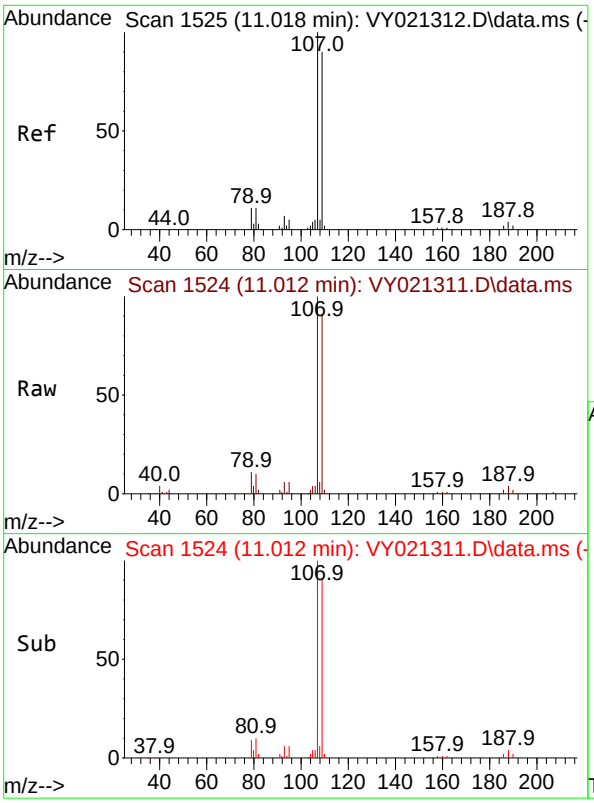




#60
Dibromochloromethane
Concen: 18.964 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:129 Resp: 37808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.5 | 38.8 | 116.4 |



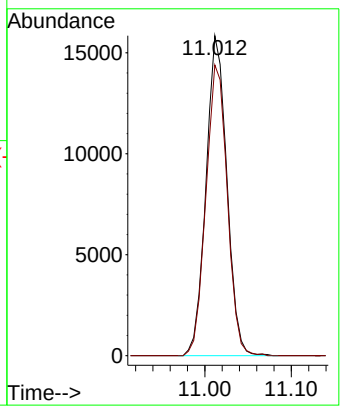


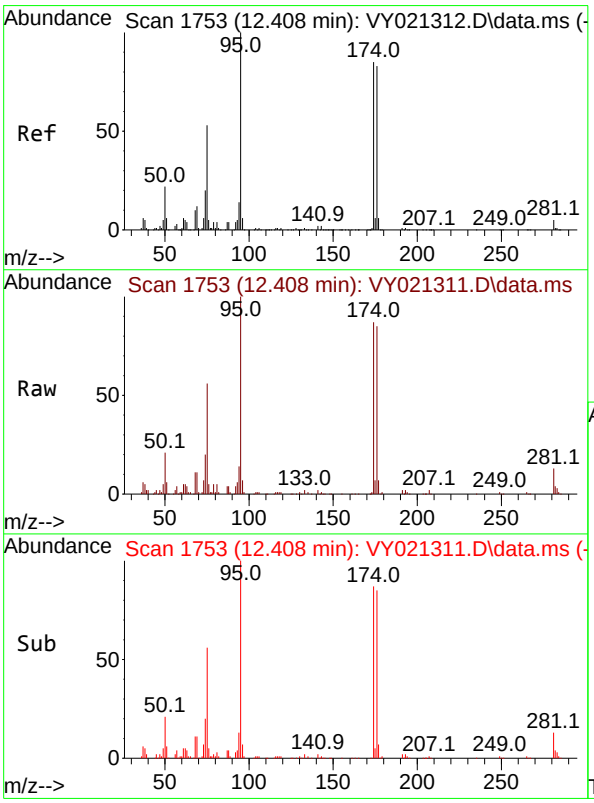

#61
1,2-Dibromoethane
Concen: 19.135 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion:107 Resp: 26519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 92.9 | 73.8 | 110.8 |

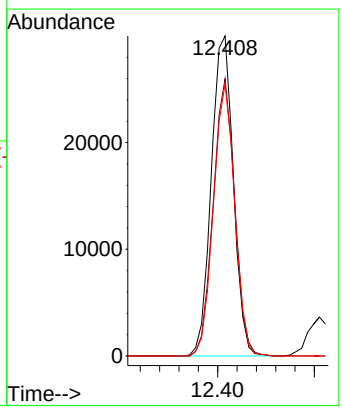


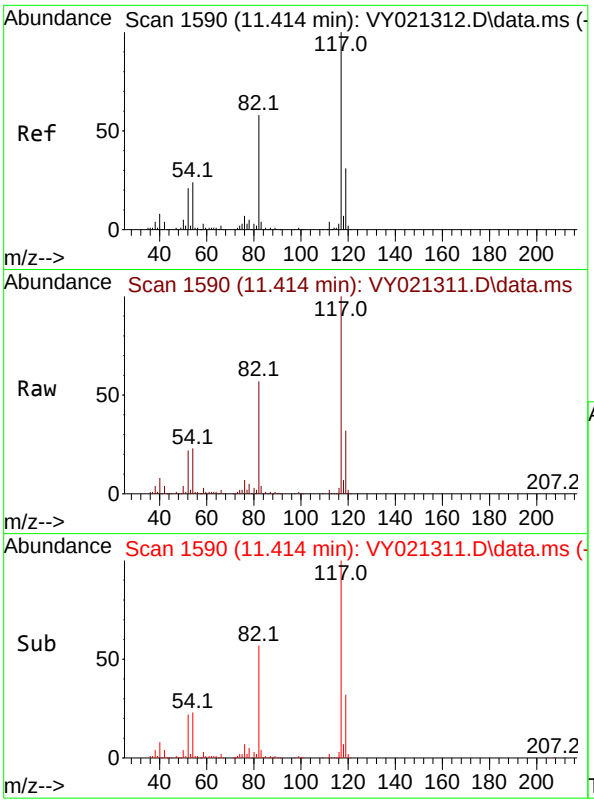




#62
4-Bromofluorobenzene
Concen: 18.950 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 95 Resp: 47417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 84.5 | 0.0 | 168.0 |
| 176 | 82.0 | 0.0 | 162.6 |



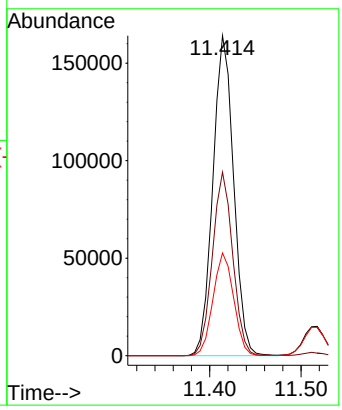


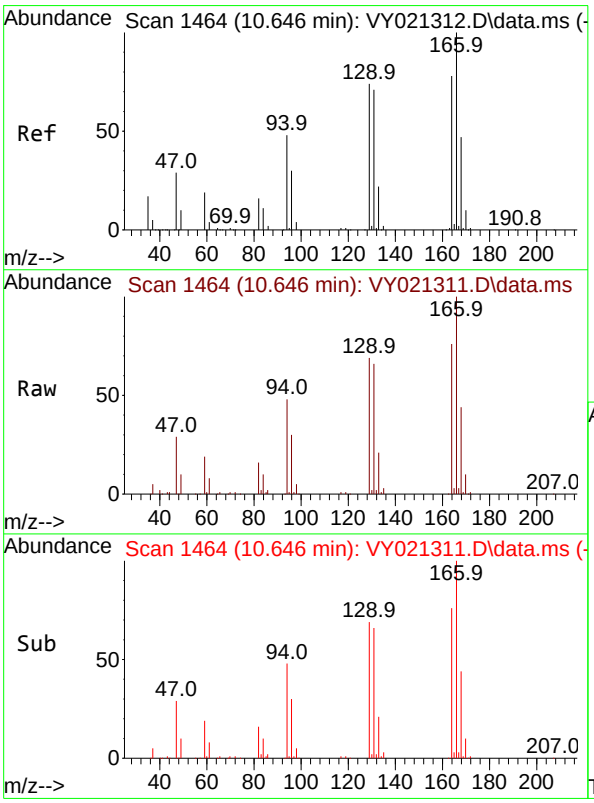

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion:117 Resp: 258896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.3 | 46.2 | 69.4 |
| 119 | 32.1 | 24.9 | 37.3 |

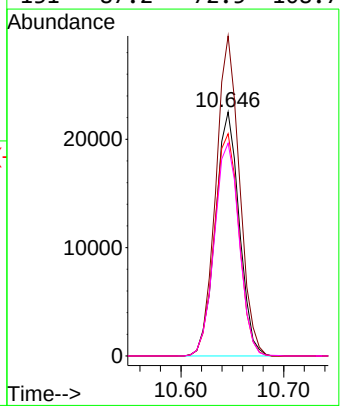


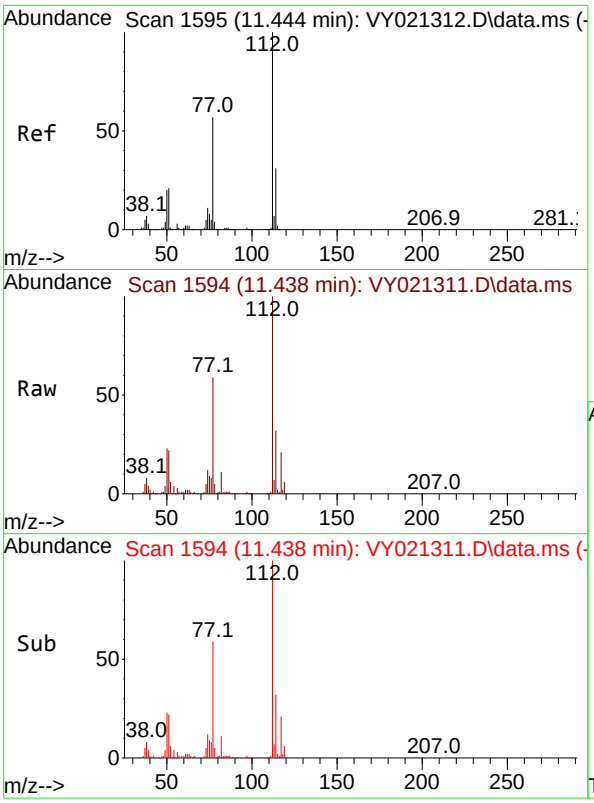




#64
Tetrachloroethene
Concen: 18.595 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:164 Resp: 36387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 131.1 | 101.9 | 152.9 |
| 129 | 91.1 | 75.5 | 113.3 |
| 131 | 87.2 | 72.5 | 108.7 |



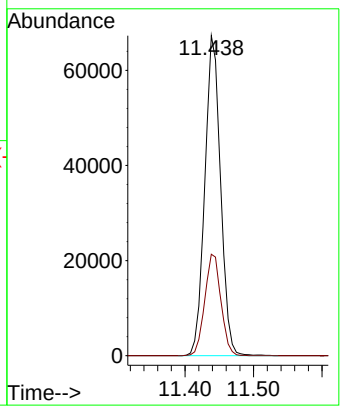


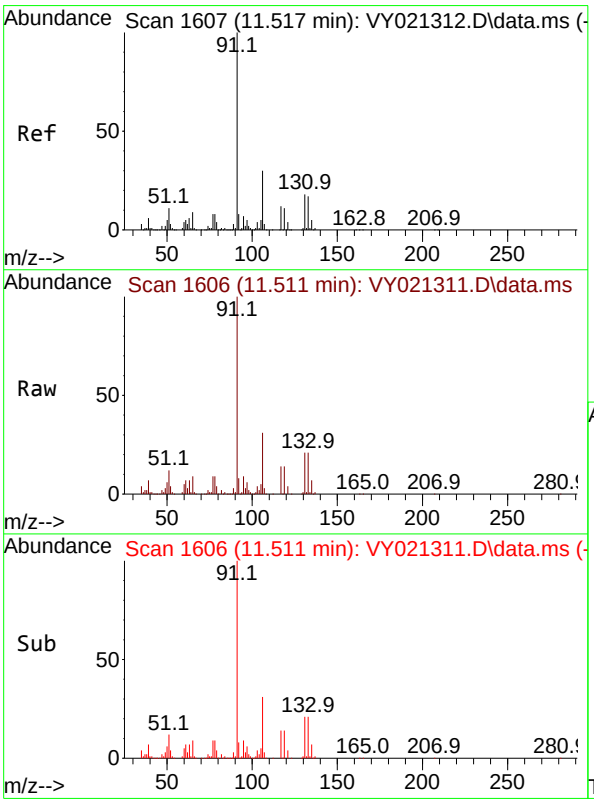

#65
Chlorobenzene
Concen: 18.519 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion:112 Resp: 107621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.7 | 25.0 | 37.6 |

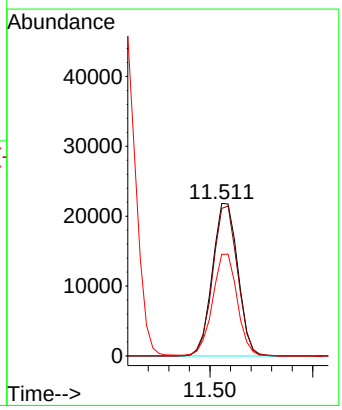


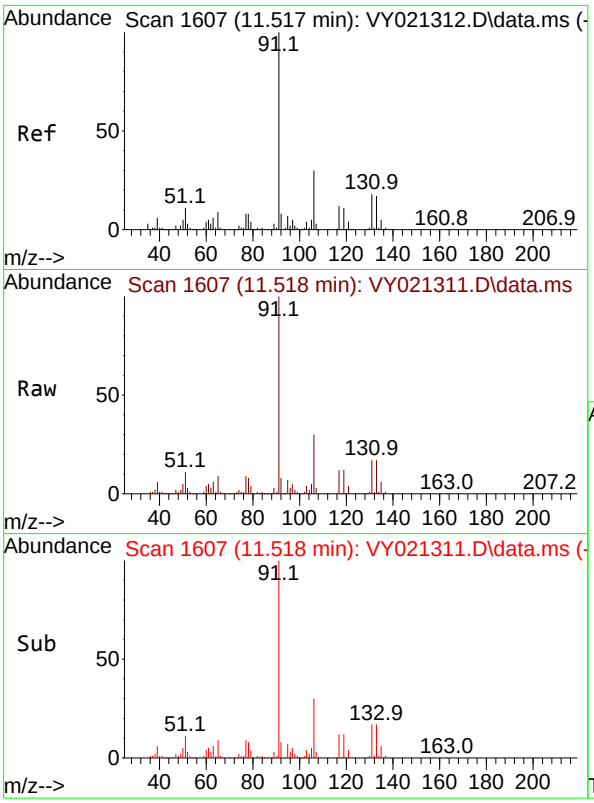




#66
1,1,1,2-Tetrachloroethane
Concen: 18.422 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:131 Resp: 37487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.3 | 47.9 | 143.6 |
| 119 | 65.1 | 31.7 | 95.1 |



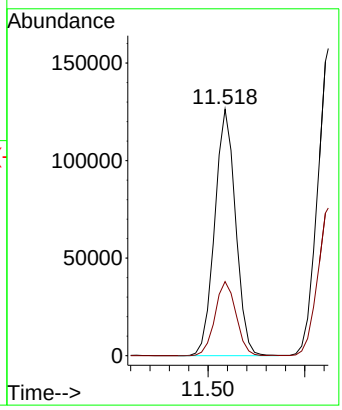


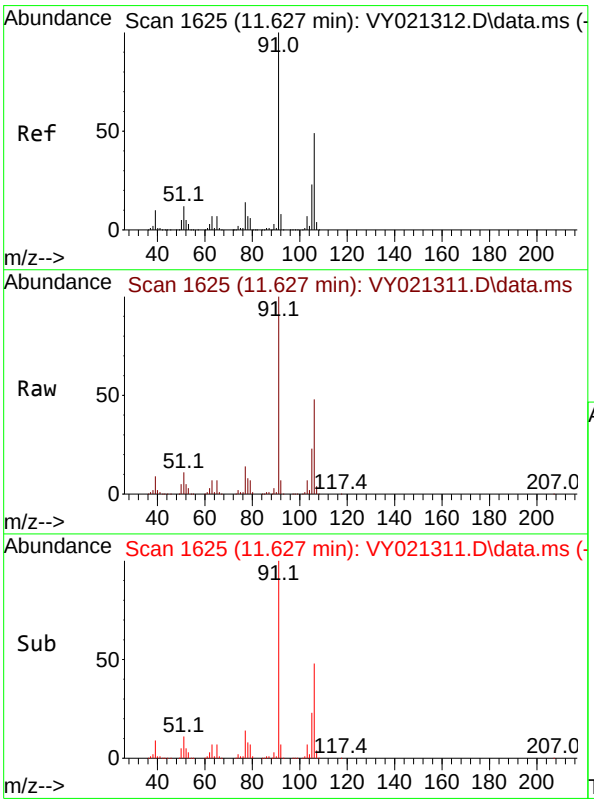

#67
Ethyl Benzene
Concen: 18.366 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 91 Resp: 189052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.0 | 24.4 | 36.6 |

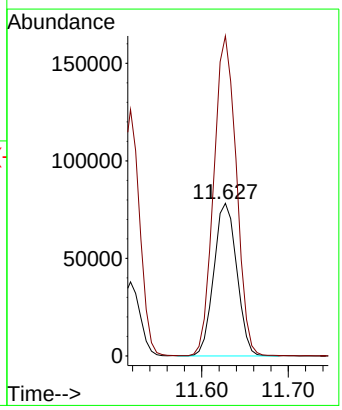


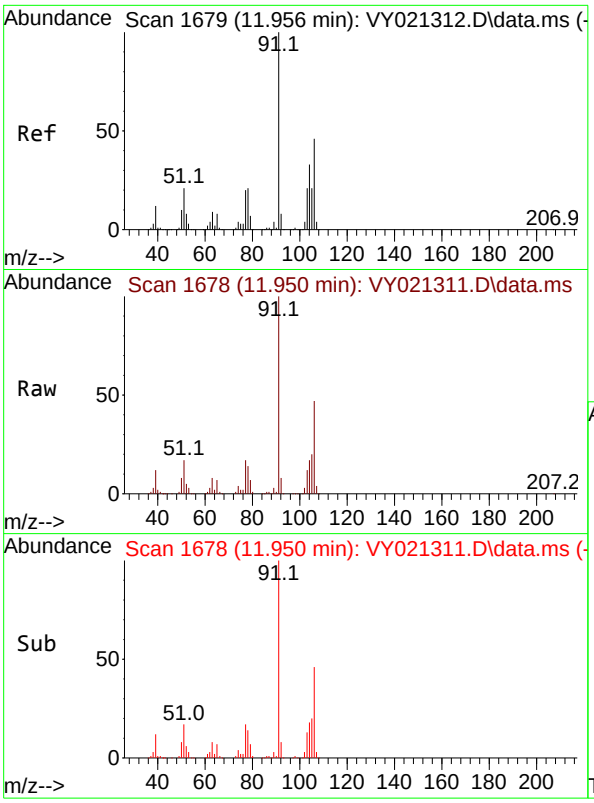




#68
m/p-Xylenes
Concen: 37.210 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:106 Resp: 144073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 205.9 | 163.9 | 245.9 |



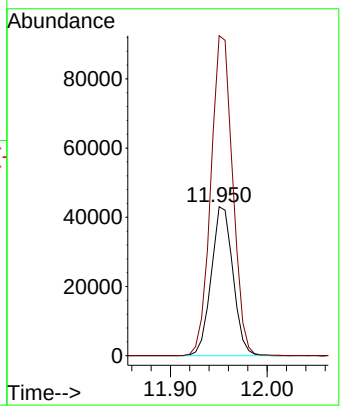


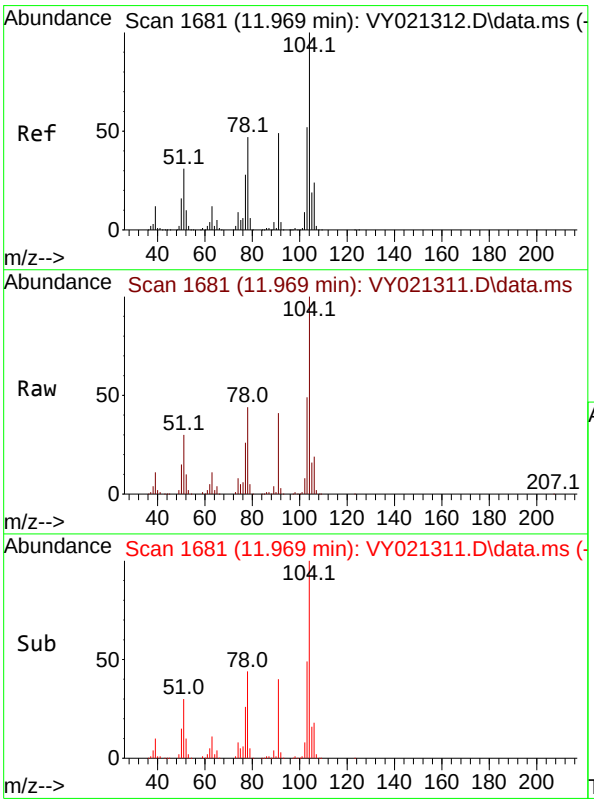

#69
o-Xylene
Concen: 18.488 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion:106 Resp: 67060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 216.5 | 108.1 | 324.2 |

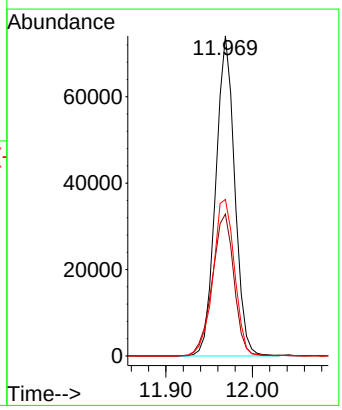


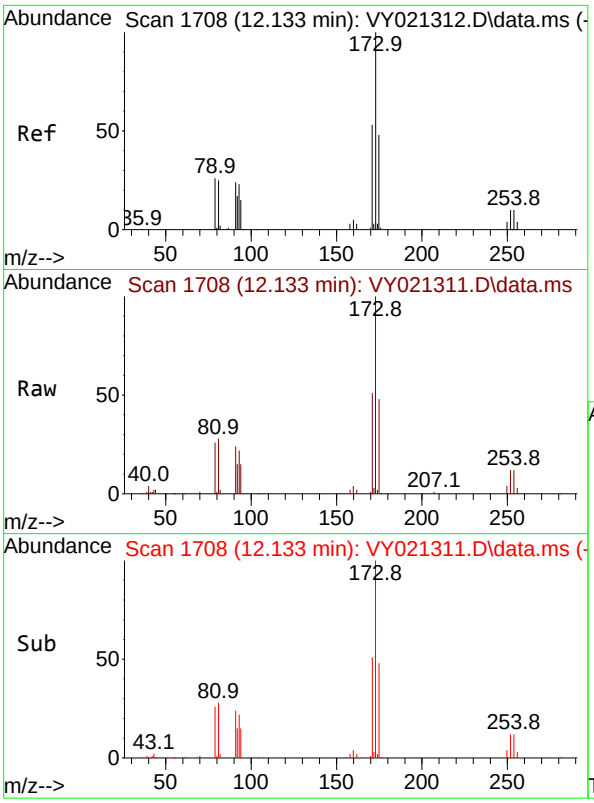




#70
Styrene
Concen: 18.729 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:104 Resp: 113033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 50.7 | 41.3 | 61.9 |
| 103 | 55.5 | 43.9 | 65.9 |



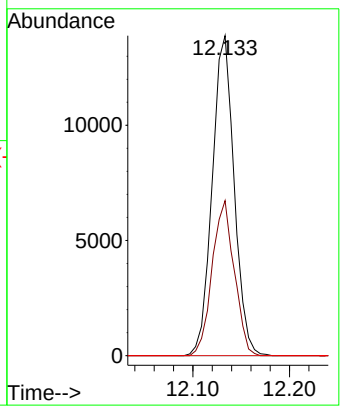


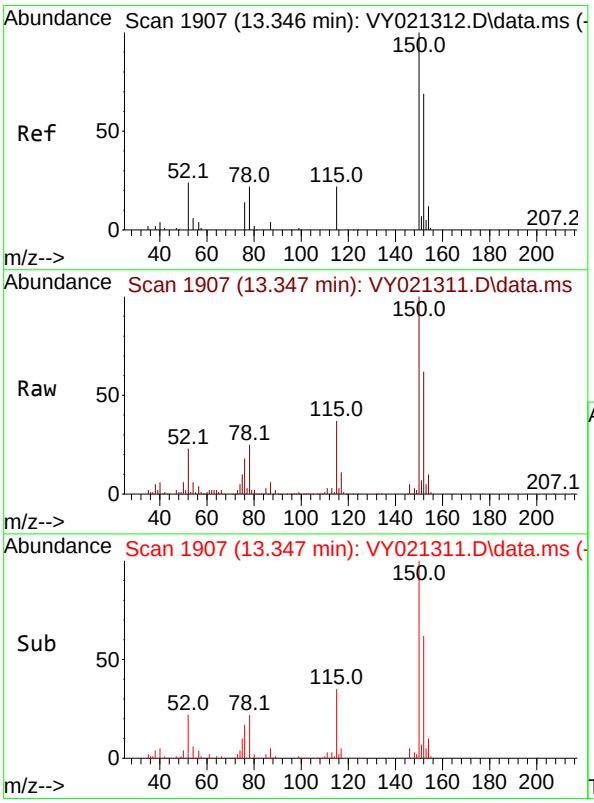

#71
Bromoform
Concen: 18.800 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion:173 Resp: 21886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.8 | 24.1 | 72.3 |
| 254 | 0.0 | 0.1 | 0.1# |

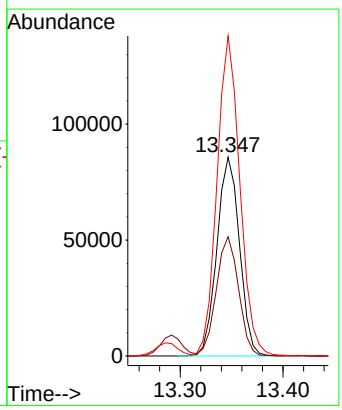


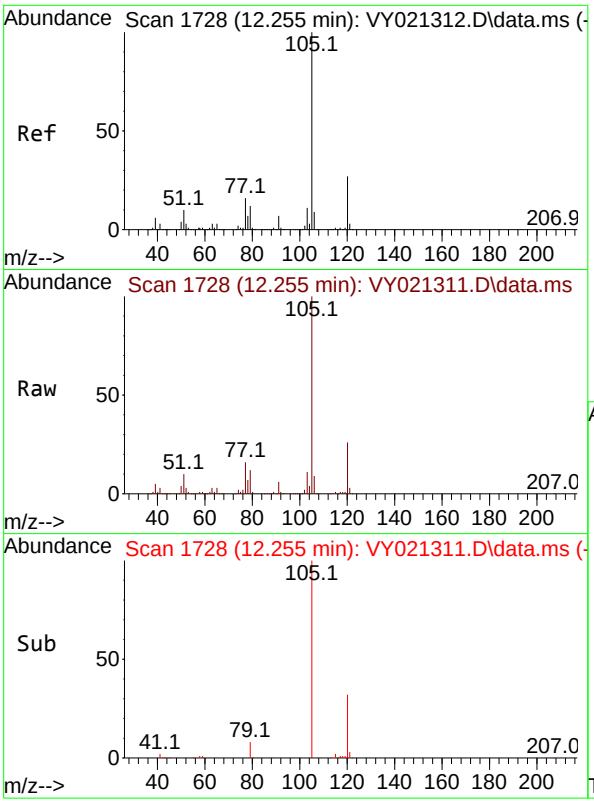




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:152 Resp: 130546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.3 | 29.3 | 88.0 |
| 150 | 163.4 | 0.0 | 347.4 |



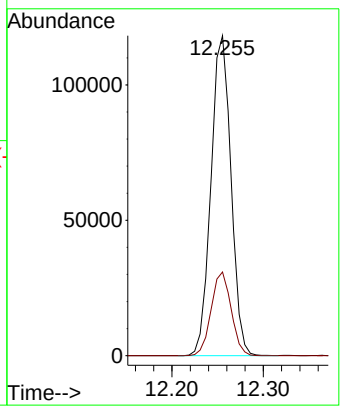


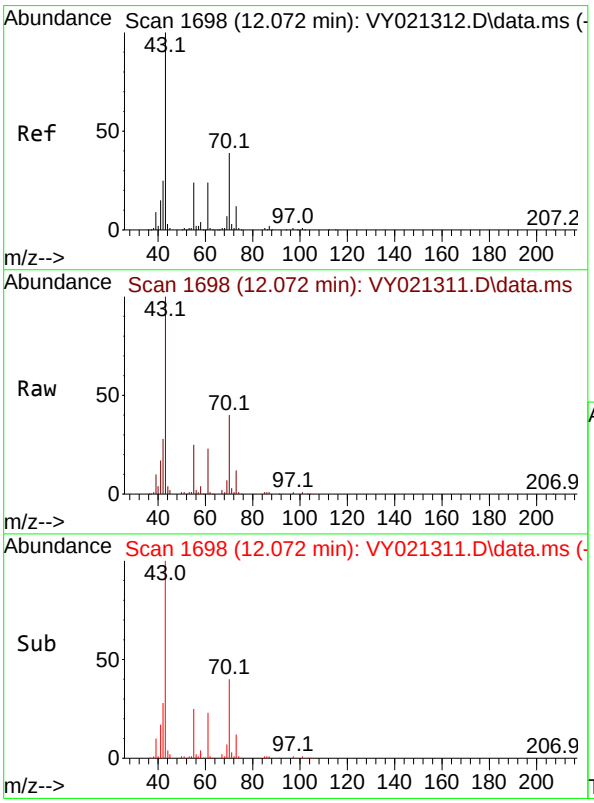

#73
Isopropylbenzene
Concen: 18.288 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion:105 Resp: 179489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.1 | 13.3 | 39.8 |

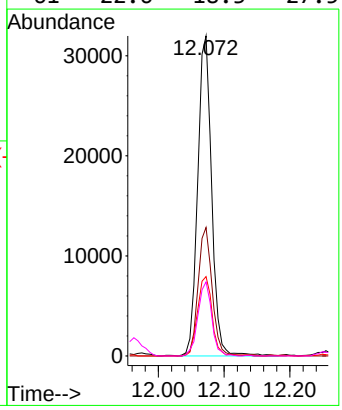


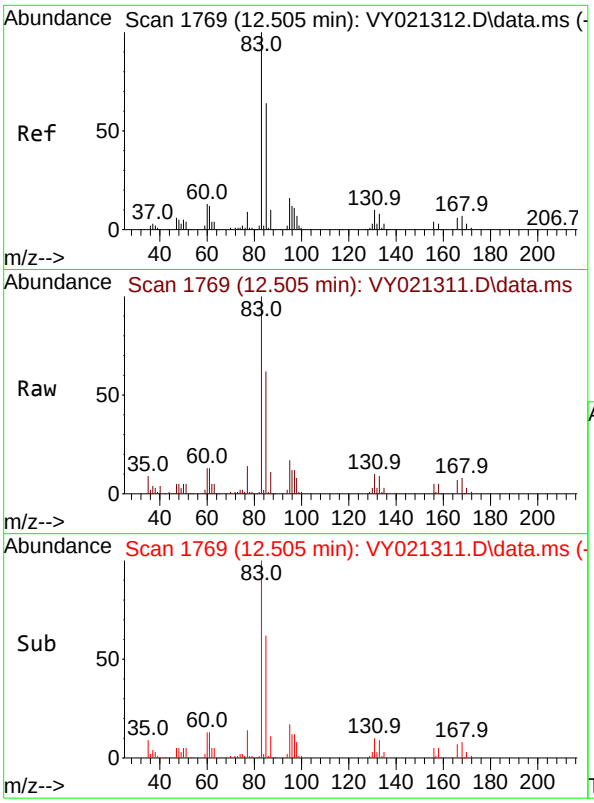




#74
N-amyl acetate
Concen: 18.930 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 43 Resp: 47224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 40.3 | 32.2 | 48.2 |
| 55 | 25.6 | 19.6 | 29.4 |
| 61 | 22.6 | 18.3 | 27.5 |



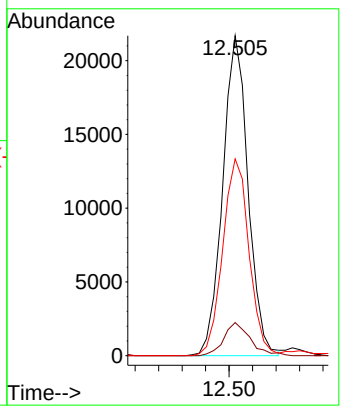


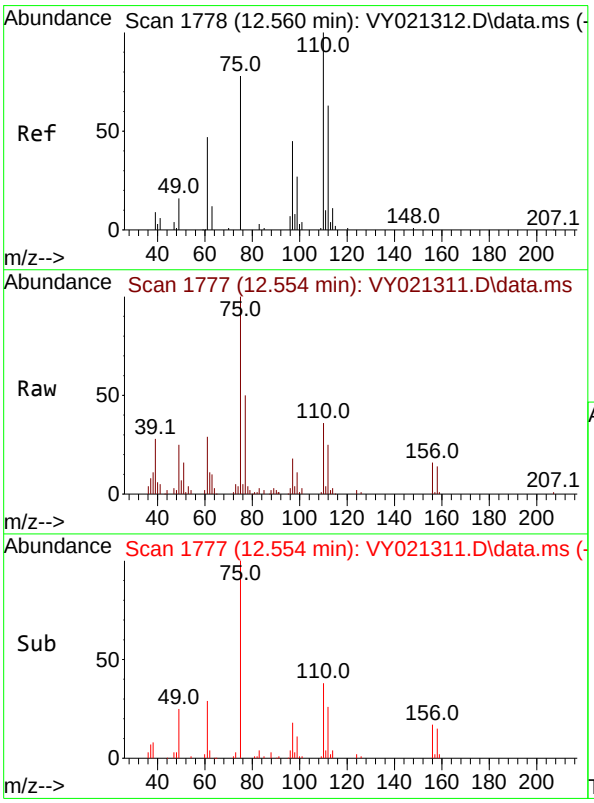

#75
1,1,2,2-Tetrachloroethane
Concen: 18.717 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 83 Resp: 32419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.8 | 5.2 | 15.6 |
| 85 | 63.8 | 32.0 | 96.0 |

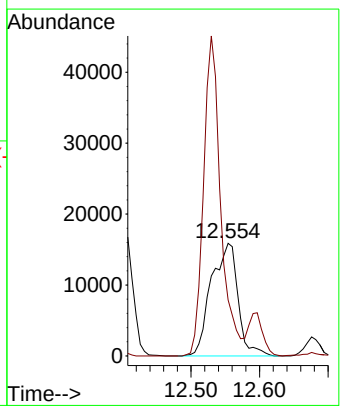


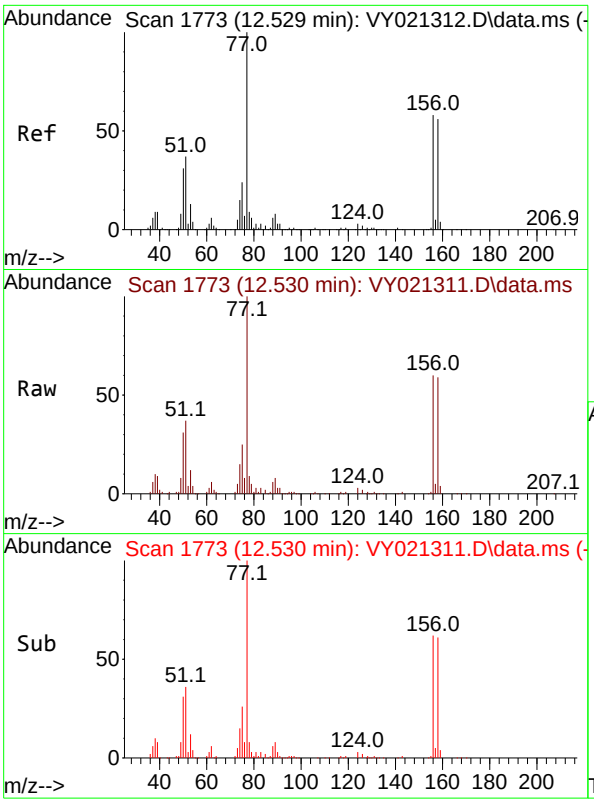




#76
1,2,3-Trichloropropane
Concen: 32.817 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 75 Resp: 43143

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



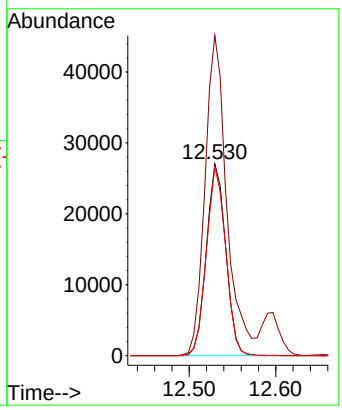


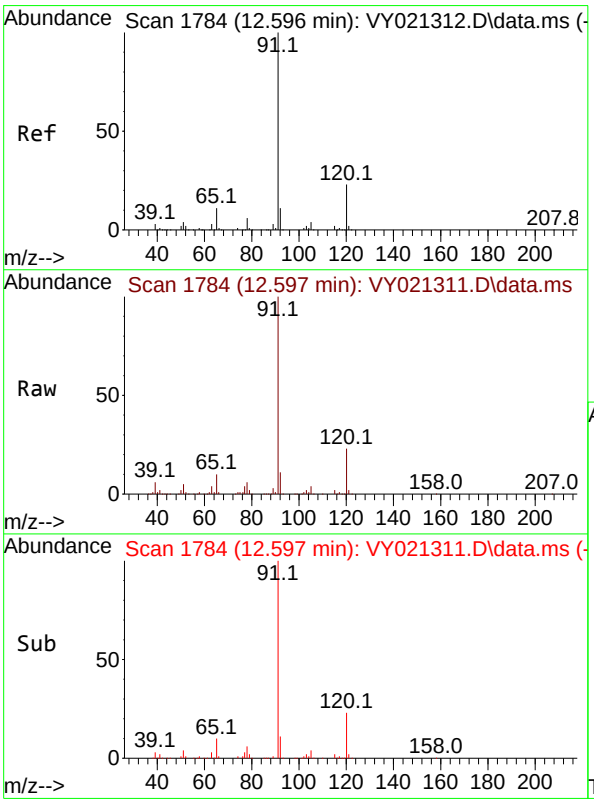

#77
Bromobenzene
Concen: 18.433 ug/l
RT: 12.530 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion:156 Resp: 42078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 186.1 | 94.0 | 282.1 |
| 158 | 97.9 | 48.7 | 146.1 |

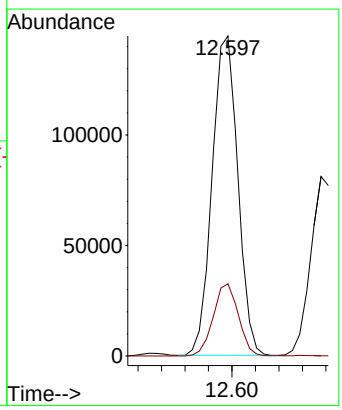


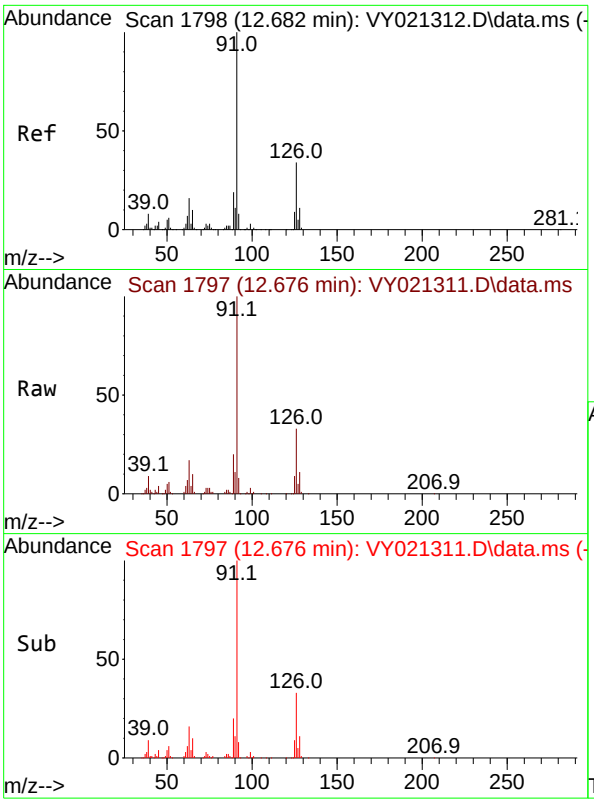




#78
n-propylbenzene
Concen: 18.486 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 91 Resp: 220158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.1 | 11.2 | 33.5 |



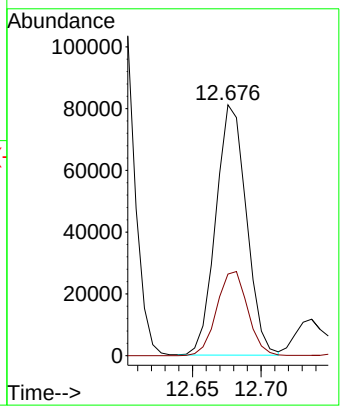


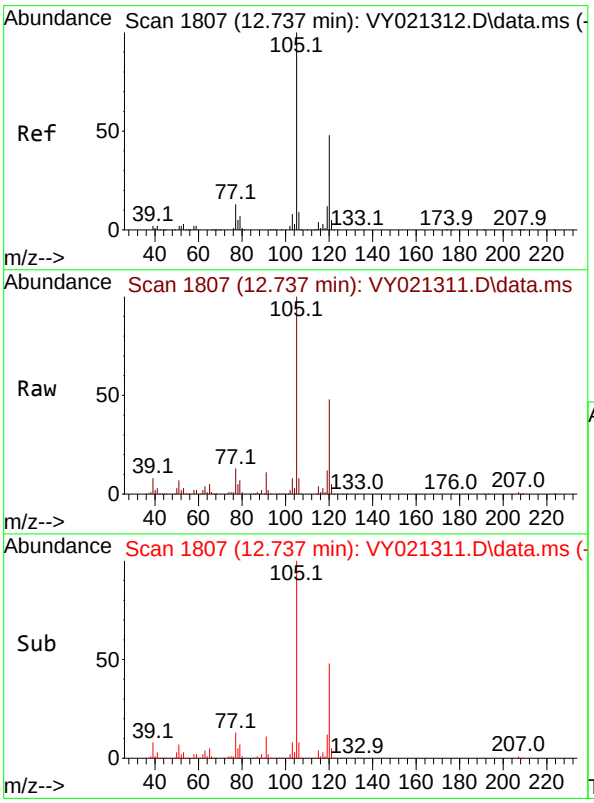

#79
2-Chlorotoluene
Concen: 18.430 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 91 Resp: 125969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.0 | 16.9 | 50.6 |

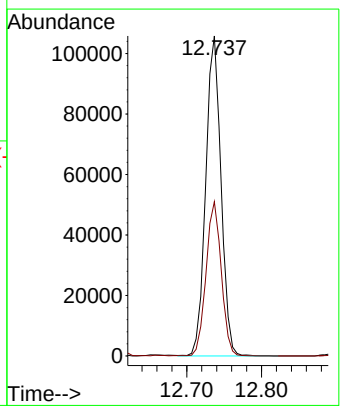


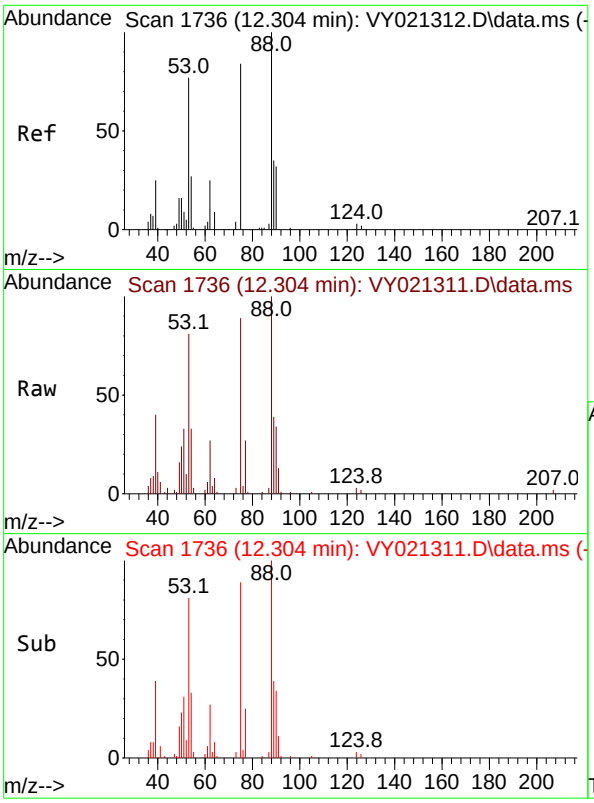




#80
1,3,5-Trimethylbenzene
Concen: 18.635 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:105 Resp: 150004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.1 | 24.3 | 73.0 |



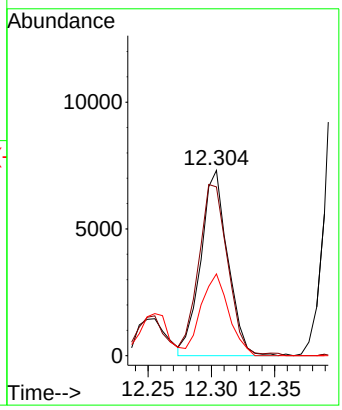


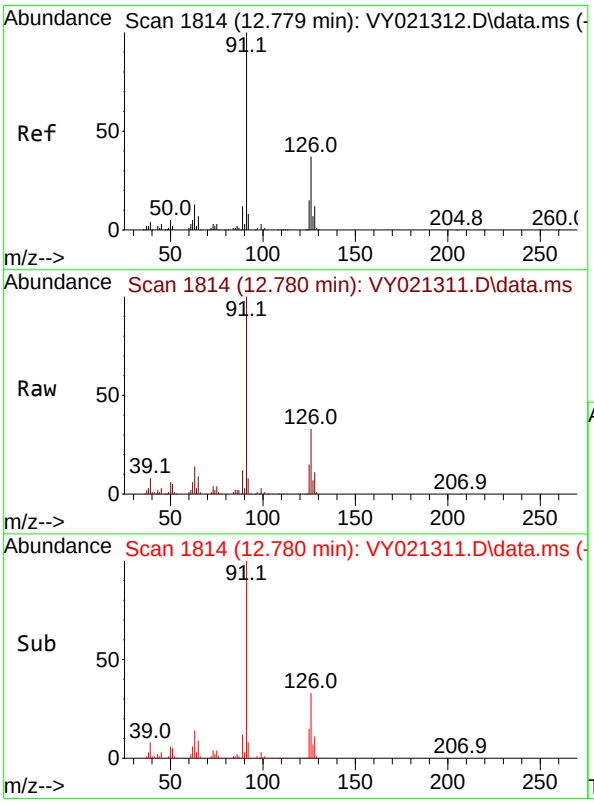

#81
trans-1,4-Dichloro-2-butene
Concen: 18.483 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 75 Resp: 10866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 100.2 | 79.1 | 118.7 |
| 89 | 44.9 | 35.6 | 53.4 |

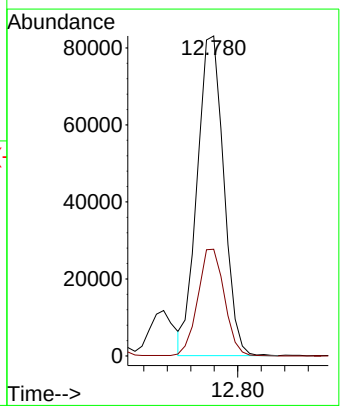


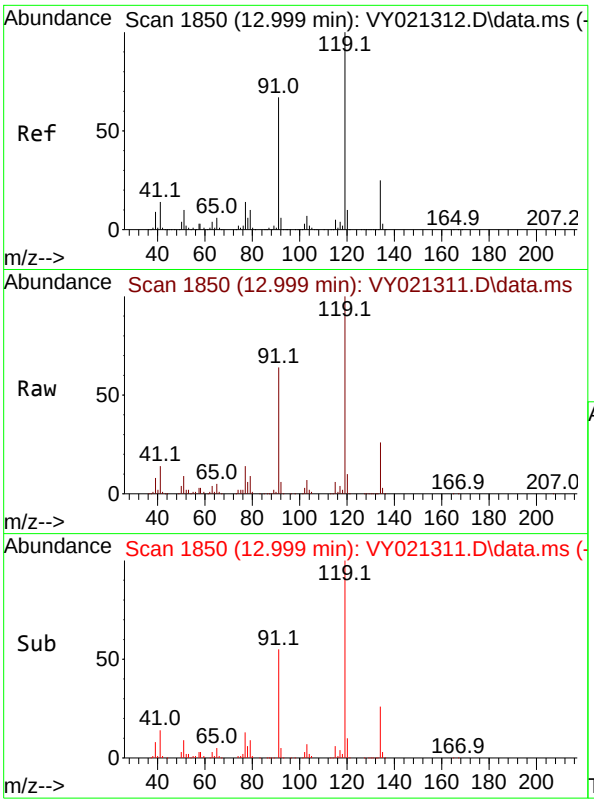




#82
4-Chlorotoluene
Concen: 18.396 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 91 Resp: 130335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.6 | 16.8 | 50.4 |



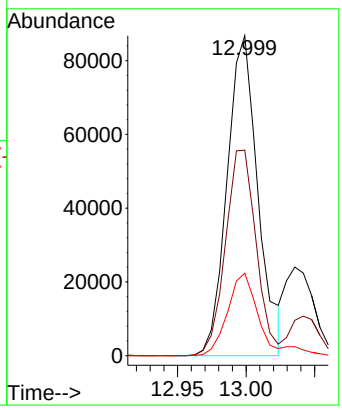


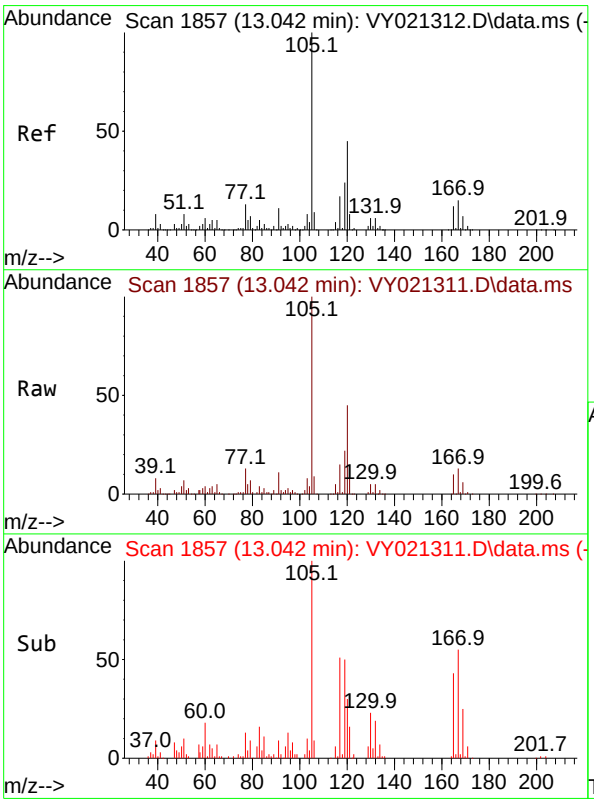

#83
tert-Butylbenzene
Concen: 18.681 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion:119 Resp: 135829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 64.0 | 32.7 | 98.1 |
| 134 | 26.8 | 13.3 | 39.9 |

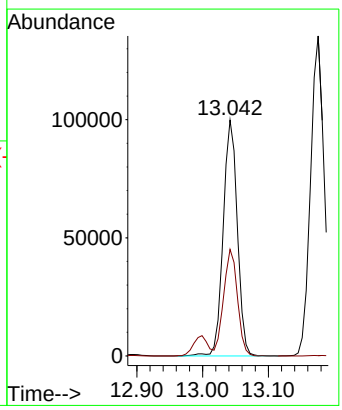


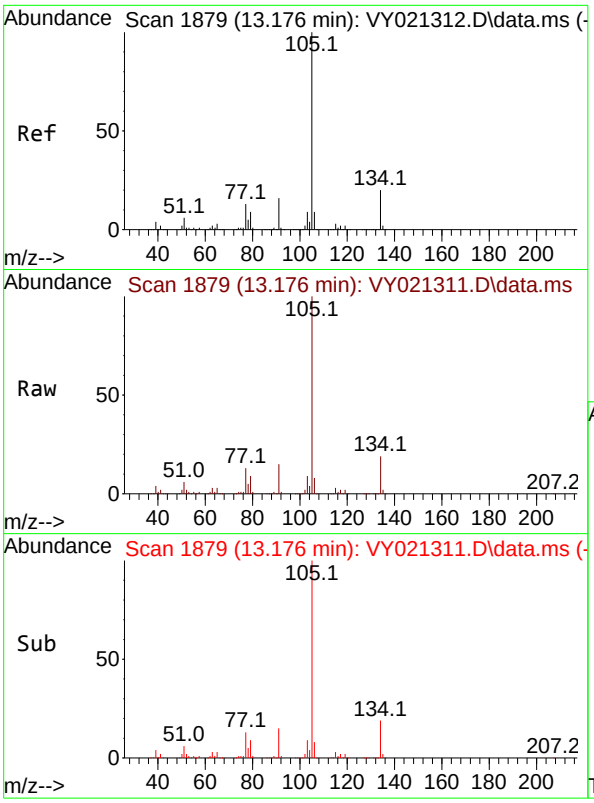




#84
1,2,4-Trimethylbenzene
Concen: 18.657 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:105 Resp: 149358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.1 | 22.4 | 67.3 |



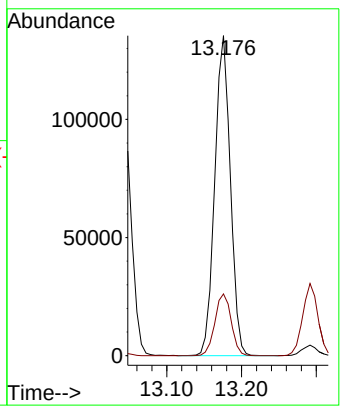


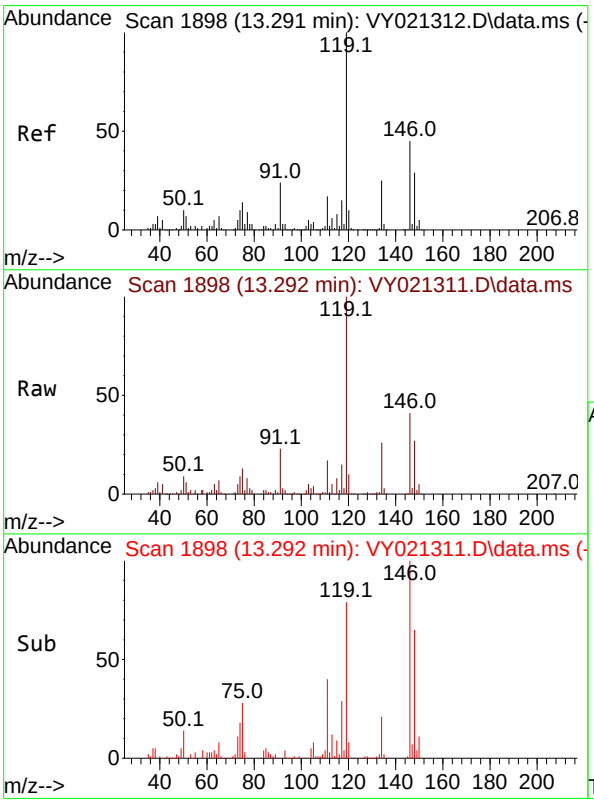

#85
sec-Butylbenzene
Concen: 18.486 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion:105 Resp: 196335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.2 | 10.0 | 30.0 |

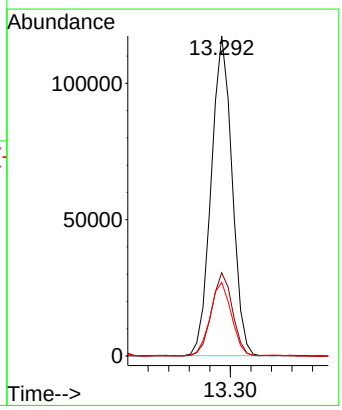


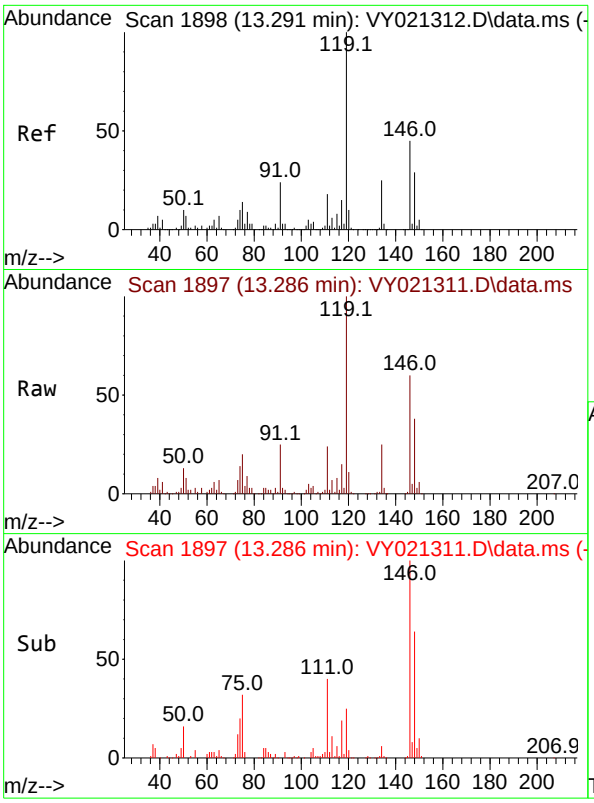




#86
p-Isopropyltoluene
Concen: 18.620 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:119 Resp: 165127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.1 | 13.0 | 38.9 |
| 91 | 23.5 | 12.0 | 36.1 |



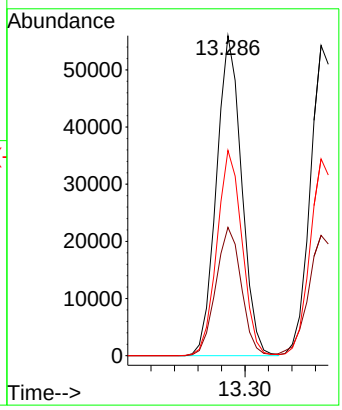


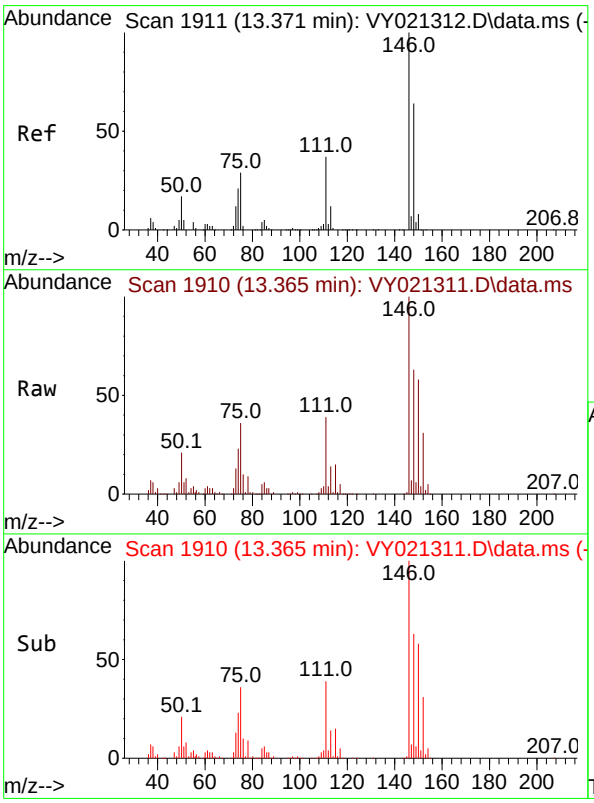

#87
1,3-Dichlorobenzene
Concen: 18.483 ug/l
RT: 13.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion:146 Resp: 83463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.5 | 20.0 | 59.9 |
| 148 | 64.0 | 31.9 | 95.9 |

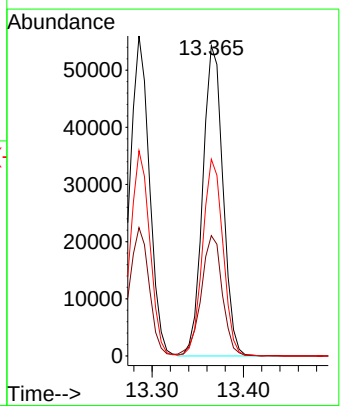


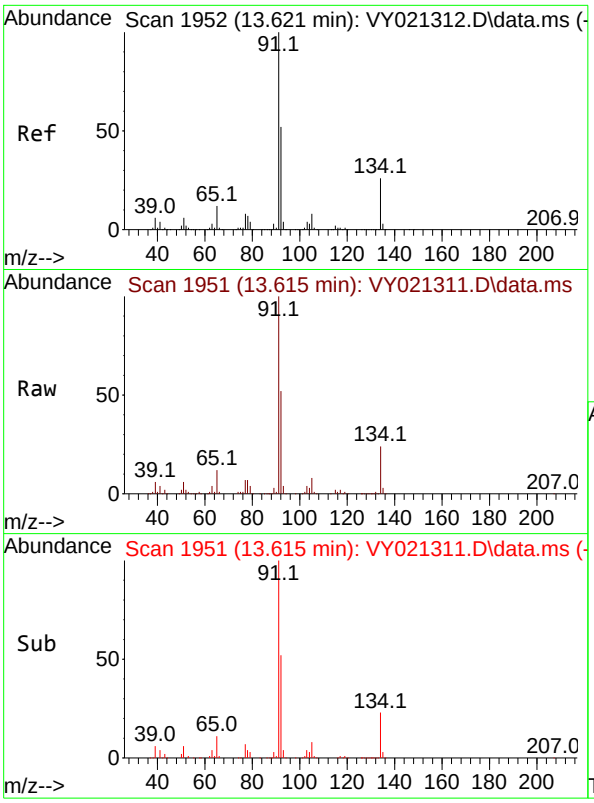




#88
1,4-Dichlorobenzene
Concen: 18.646 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:146 Resp: 83179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.6 | 19.5 | 58.5 |
| 148 | 63.9 | 32.0 | 96.2 |



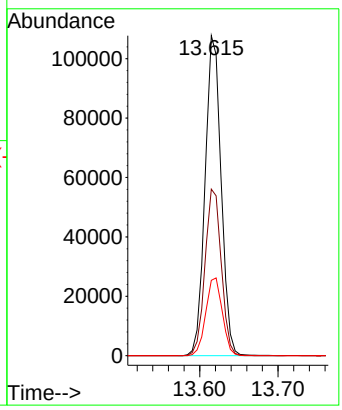


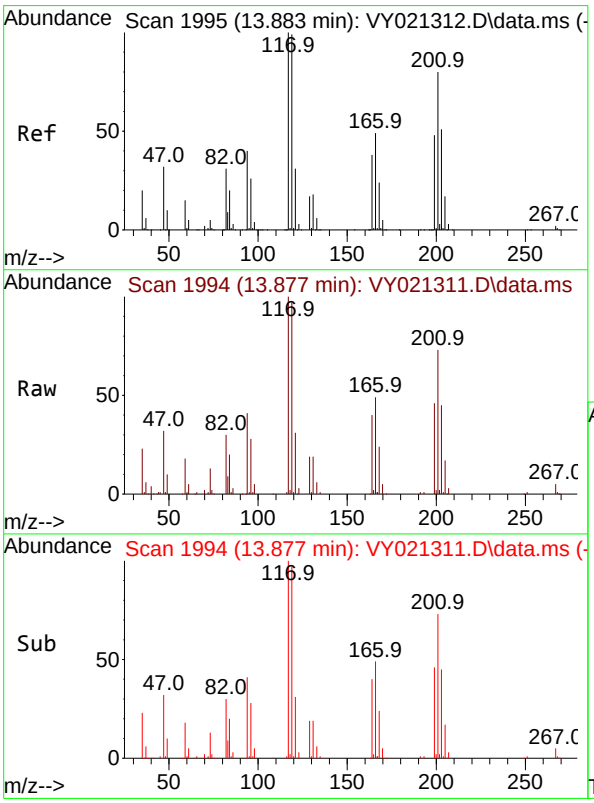

#89
n-Butylbenzene
Concen: 18.337 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion: 91 Resp: 153032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.7 | 26.4 | 79.2 |
| 134 | 25.0 | 12.7 | 38.0 |

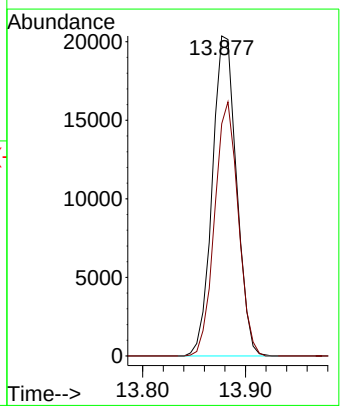


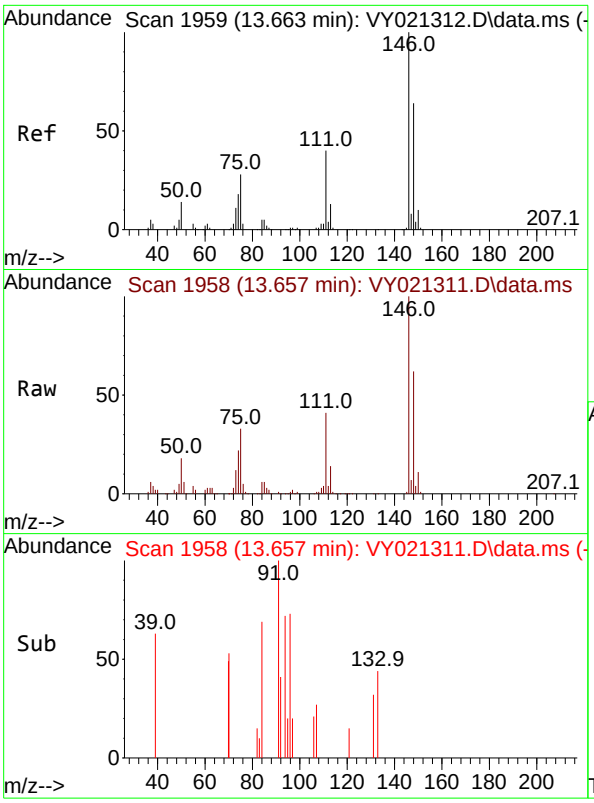




#90
Hexachloroethane
Concen: 17.998 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:117 Resp: 33341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 77.3 | 38.4 | 115.2 |



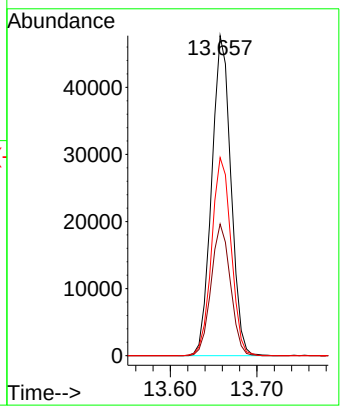


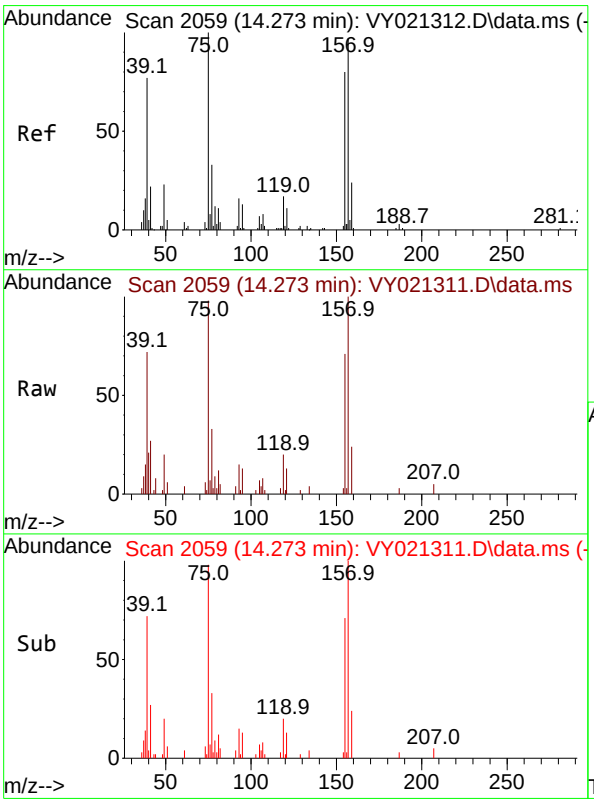

#91
1,2-Dichlorobenzene
Concen: 18.581 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion:146 Resp: 73513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.2 | 20.7 | 62.1 |
| 148 | 62.8 | 31.7 | 95.1 |

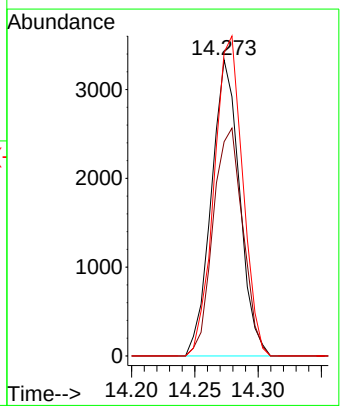


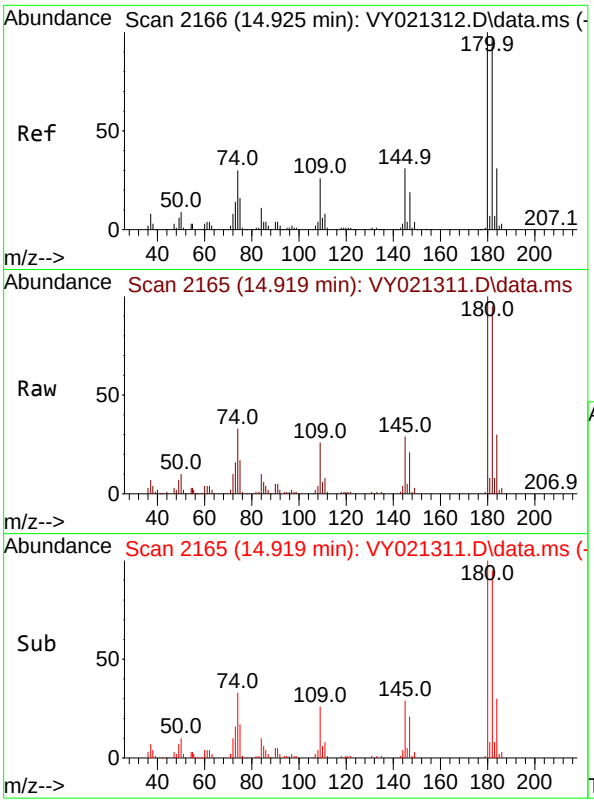




#92
1,2-Dibromo-3-Chloropropane
Concen: 18.908 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 75 Resp: 5181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 81.2 | 41.9 | 125.6 |
| 157 | 109.0 | 52.5 | 157.6 |



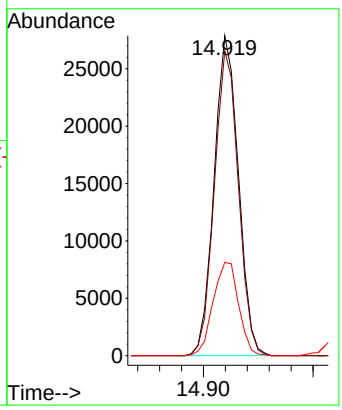


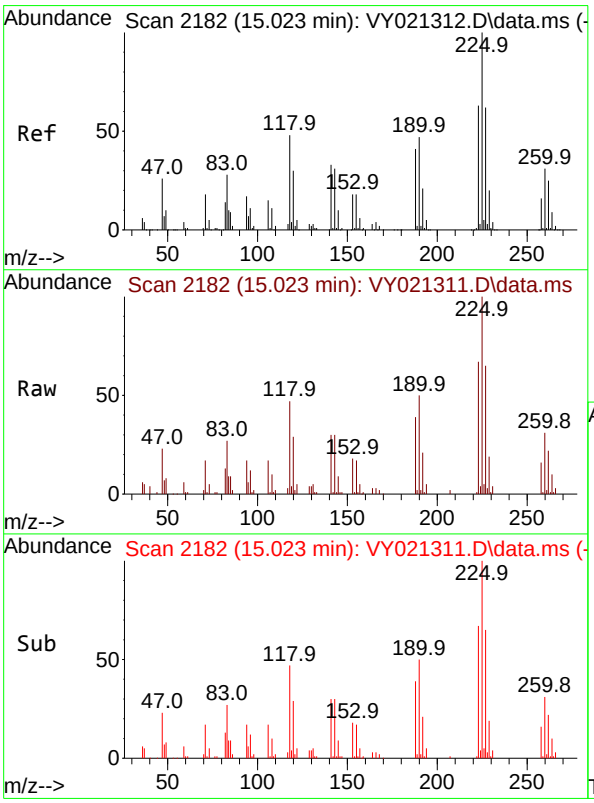

#93
1,2,4-Trichlorobenzene
Concen: 17.770 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion:180 Resp: 42908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.3 | 47.9 | 143.7 |
| 145 | 30.7 | 15.6 | 46.8 |

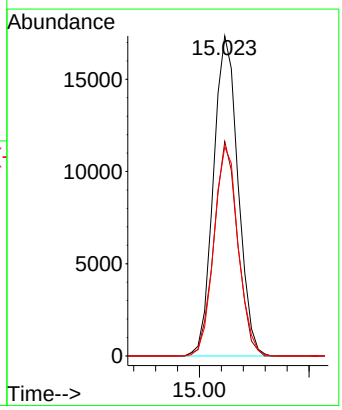


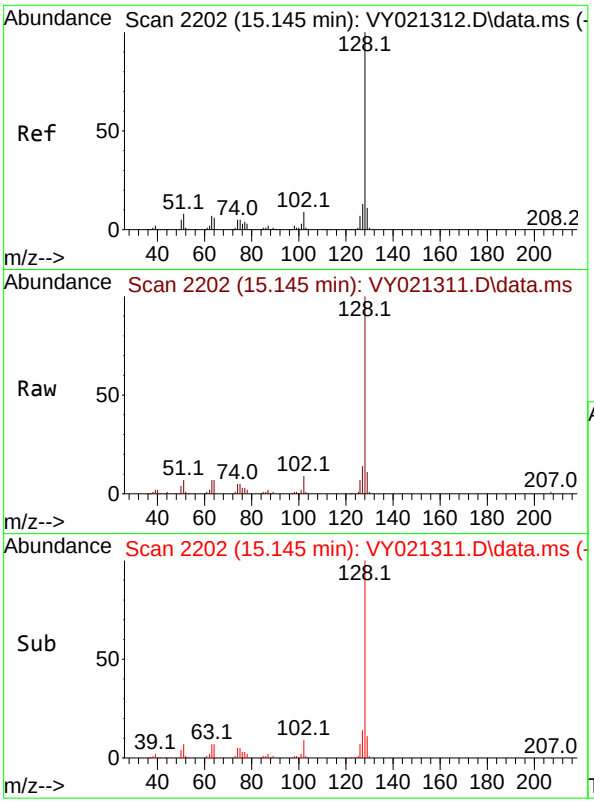




#94
Hexachlorobutadiene
Concen: 17.771 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:225 Resp: 27015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.5 | 31.8 | 95.4 |
| 227 | 64.7 | 31.9 | 95.7 |



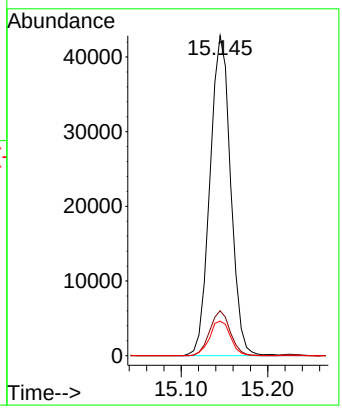


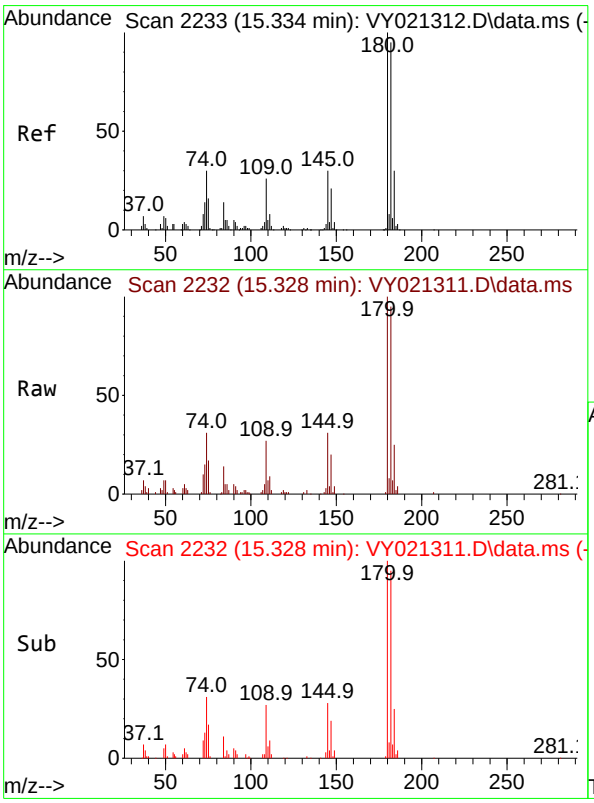

#95
Naphthalene
Concen: 17.763 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC020

Tgt Ion:128 Resp: 71044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.9 | 10.5 | 15.7 |
| 129 | 10.9 | 8.5 | 12.7 |




#96
1,2,3-Trichlorobenzene
Concen: 17.871 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:180 Resp: 36460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.8 | 48.3 | 144.9 |
| 145 | 32.9 | 16.1 | 48.3 |