Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012720\
Data File : VY001399.D
Acq On : 27 Jan 2020 12:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Quant Time: Jan 27 13:40:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.82 | 168 | 201120 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.71 | 114 | 351705 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.50 | 117 | 316000 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.43 | 152 | 150502 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.16 | 65 | 115383 | 52.72 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 105.44% | | | |
| 35) Dibromofluoromethane | 7.75 | 113 | 105484 | 51.10 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.20% | | | |
| 50) Toluene-d8 | 10.19 | 98 | 437616 | 54.57 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 109.14% | | | |
| 62) 4-Bromofluorobenzene | 12.49 | 95 | 167184 | 52.35 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.70% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.91 | 85 | 80206 | 50.57 | ug/l | 100 |
| 3) Chloromethane | 2.13 | 50 | 122348 | 51.04 | ug/l | 97 |
| 4) Vinyl Chloride | 2.27 | 62 | 121261 | 48.51 | ug/l | 97 |
| 5) Bromomethane | 2.66 | 94 | 77601 | 46.10 | ug/l | 97 |
| 6) Chloroethane | 2.82 | 64 | 78268 | 49.00 | ug/l | 98 |
| 7) Trichlorofluoromethane | 3.15 | 101 | 162853 | 50.92 | ug/l | 99 |
| 8) Diethyl Ether | 3.55 | 74 | 64758 | 47.97 | ug/l | 98 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.93 | 101 | 107087 | 52.58 | ug/l | 100 |
| 10) Methyl Iodide | 4.12 | 142 | 129949 | 48.38 | ug/l | 100 |
| 11) Tert butyl alcohol | 5.00 | 59 | 59625 | 213.92 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 3.90 | 96 | 105530 | 49.42 | ug/l | 93 |
| 13) Acrolein | 3.76 | 56 | 43825 | 271.08 | ug/l | 98 |
| 14) Allyl chloride | 4.51 | 41 | 190372 | 49.99 | ug/l | 99 |
| 15) Acrylonitrile | 5.20 | 53 | 175026 | 253.28 | ug/l | 100 |
| 16) Acetone | 3.97 | 43 | 162321 | 282.55 | ug/l | 97 |
| 17) Carbon Disulfide | 4.22 | 76 | 320404 | 47.71 | ug/l | 100 |
| 18) Methyl Acetate | 4.50 | 43 | 89581 | 48.54 | ug/l | 97 |
| 19) Methyl tert-butyl Ether | 5.25 | 73 | 311385 | 49.80 | ug/l | 99 |
| 20) Methylene Chloride | 4.75 | 84 | 124223 | 45.59 | ug/l | 98 |
| 21) trans-1,2-Dichloroethene | 5.25 | 96 | 121648 | 49.04 | ug/l | 99 |
| 22) Diisopropyl ether | 6.15 | 45 | 401134 | 49.61 | ug/l | 97 |
| 23) Vinyl Acetate | 6.10 | 43 | 1339076 | 255.08 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 6.05 | 63 | 213025 | 49.98 | ug/l | 98 |
| 25) 2-Butanone | 7.02 | 43 | 244478 | 256.66 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 7.02 | 77 | 187400 | 49.36 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 7.02 | 96 | 138373 | 49.92 | ug/l | 99 |
| 28) Bromochloromethane | 7.36 | 49 | 97994 | 55.75 | ug/l | 99 |
| 29) Tetrahydrofuran | 7.38 | 42 | 154959 | 250.05 | ug/l | 99 |
| 30) Chloroform | 7.53 | 83 | 211367 | 50.59 | ug/l | 98 |
| 31) Cyclohexane | 7.81 | 56 | 210786 | 49.81 | ug/l | 99 |
| 32) 1,1,1-Trichloroethane | 7.73 | 97 | 182539 | 51.75 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 7.94 | 75 | 170789 | 51.40 | ug/l | 99 |
| 37) Ethyl Acetate | 7.10 | 43 | 103679 | 51.07 | ug/l | 100 |
| 38) Carbon Tetrachloride | 7.92 | 117 | 155646 | 52.56 | ug/l | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012720\
Data File : VY001399.D
Acq On : 27 Jan 2020 12:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Quant Time: Jan 27 13:40:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.20 | 83 | 222684 | 52.32 | ug/l | | 98 |
| 40) Benzene | 8.18 | 78 | 506033 | 50.79 | ug/l | | 99 |
| 41) Methacrylonitrile | 7.37 | 41 | 143401 | 136.88 | ug/l | # | 100 |
| 42) 1,2-Dichloroethane | 8.26 | 62 | 143637 | 51.60 | ug/l | | 100 |
| 43) Isopropyl Acetate | 8.29 | 43 | 206689 | 52.36 | ug/l | | 99 |
| 44) Trichloroethene | 8.96 | 130 | 130125 | 50.90 | ug/l | | 100 |
| 45) 1,2-Dichloropropane | 9.23 | 63 | 129967 | 51.60 | ug/l | | 99 |
| 46) Dibromomethane | 9.32 | 93 | 69193 | 51.17 | ug/l | | 98 |
| 47) Bromodichloromethane | 9.51 | 83 | 167408 | 51.79 | ug/l | | 100 |
| 48) Methyl methacrylate | 9.31 | 41 | 92727 | 51.67 | ug/l | | 98 |
| 49) 1,4-Dioxane | 9.31 | 88 | 20205 | 1059.66 | ug/l | | 94 |
| 51) 4-Methyl-2-Pentanone | 10.08 | 43 | 534870 | 263.11 | ug/l | | 100 |
| 52) Toluene | 10.25 | 92 | 326403 | 51.68 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 10.47 | 75 | 190136 | 53.07 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 9.94 | 75 | 214750 | 52.22 | ug/l | | 99 |
| 55) 1,1,2-Trichloroethane | 10.66 | 97 | 103226 | 51.72 | ug/l | | 98 |
| 56) Ethyl methacrylate | 10.52 | 69 | 158599 | 52.58 | ug/l | | 98 |
| 57) 1,3-Dichloropropane | 10.80 | 76 | 182665 | 52.54 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 9.80 | 63 | 234305 | 224.48 | ug/l | | 100 |
| 59) 2-Hexanone | 10.84 | 43 | 386821 | 273.32 | ug/l | | 99 |
| 60) Dibromochloromethane | 10.99 | 129 | 117671 | 52.72 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 11.10 | 107 | 99495 | 52.74 | ug/l | | 99 |
| 64) Tetrachloroethene | 10.73 | 164 | 102451 | 50.76 | ug/l | | 96 |
| 65) Chlorobenzene | 11.52 | 112 | 333051 | 50.00 | ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 11.60 | 131 | 117833 | 51.84 | ug/l | | 99 |
| 67) Ethyl Benzene | 11.60 | 91 | 630058 | 51.33 | ug/l | | 99 |
| 68) m/p-Xylenes | 11.70 | 106 | 471768 | 102.90 | ug/l | | 100 |
| 69) o-Xylene | 12.03 | 106 | 223973 | 50.78 | ug/l | | 99 |
| 70) Styrene | 12.05 | 104 | 399201 | 51.59 | ug/l | | 100 |
| 71) Bromoform | 12.22 | 173 | 70709 | 52.11 | ug/l | # | 100 |
| 73) Isopropylbenzene | 12.33 | 105 | 614775 | 51.77 | ug/l | | 99 |
| 74) N-amyl acetate | 12.15 | 43 | 202833 | 52.18 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 12.59 | 83 | 133645 | 52.55 | ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 12.64 | 75 | 176986 | 97.59 | ug/l | # | 100 |
| 77) Bromobenzene | 12.61 | 156 | 133256 | 50.66 | ug/l | | 98 |
| 78) n-propylbenzene | 12.68 | 91 | 751070 | 52.54 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 12.76 | 91 | 423276 | 51.83 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 12.82 | 105 | 519820 | 52.44 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 12.39 | 75 | 51580 | 53.82 | ug/l | | 96 |
| 82) 4-Chlorotoluene | 12.86 | 91 | 450021 | 51.59 | ug/l | | 100 |
| 83) tert-Butylbenzene | 13.08 | 119 | 442843 | 53.00 | ug/l | | 100 |
| 84) 1,2,4-Trimethylbenzene | 13.13 | 105 | 513033 | 51.55 | ug/l | | 100 |
| 85) sec-Butylbenzene | 13.26 | 105 | 633025 | 53.32 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 13.38 | 119 | 550712 | 52.64 | ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 13.37 | 146 | 260330 | 51.39 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 13.45 | 146 | 263698 | 51.27 | ug/l | | 99 |
| 89) n-Butylbenzene | 13.70 | 91 | 562145 | 53.39 | ug/l | | 99 |
| 90) Hexachloroethane | 13.97 | 117 | 107791 | 54.35 | ug/l | | 97 |
| 91) 1,2-Dichlorobenzene | 13.75 | 146 | 238362 | 51.02 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75 | 22649 | 51.61 | ug/l | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012720\
Data File : VY001399.D
Acq On : 27 Jan 2020 12:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Quant Time: Jan 27 13:40:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.02 | 180 | 155393 | 49.56 | ug/l | 100 |
| 94) Hexachlorobutadiene | 15.12 | 225 | 77268 | 50.61 | ug/l | 98 |
| 95) Naphthalene | 15.24 | 128 | 373298 | 52.06 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 15.43 | 180 | 136138 | 49.49 | ug/l | 99 |

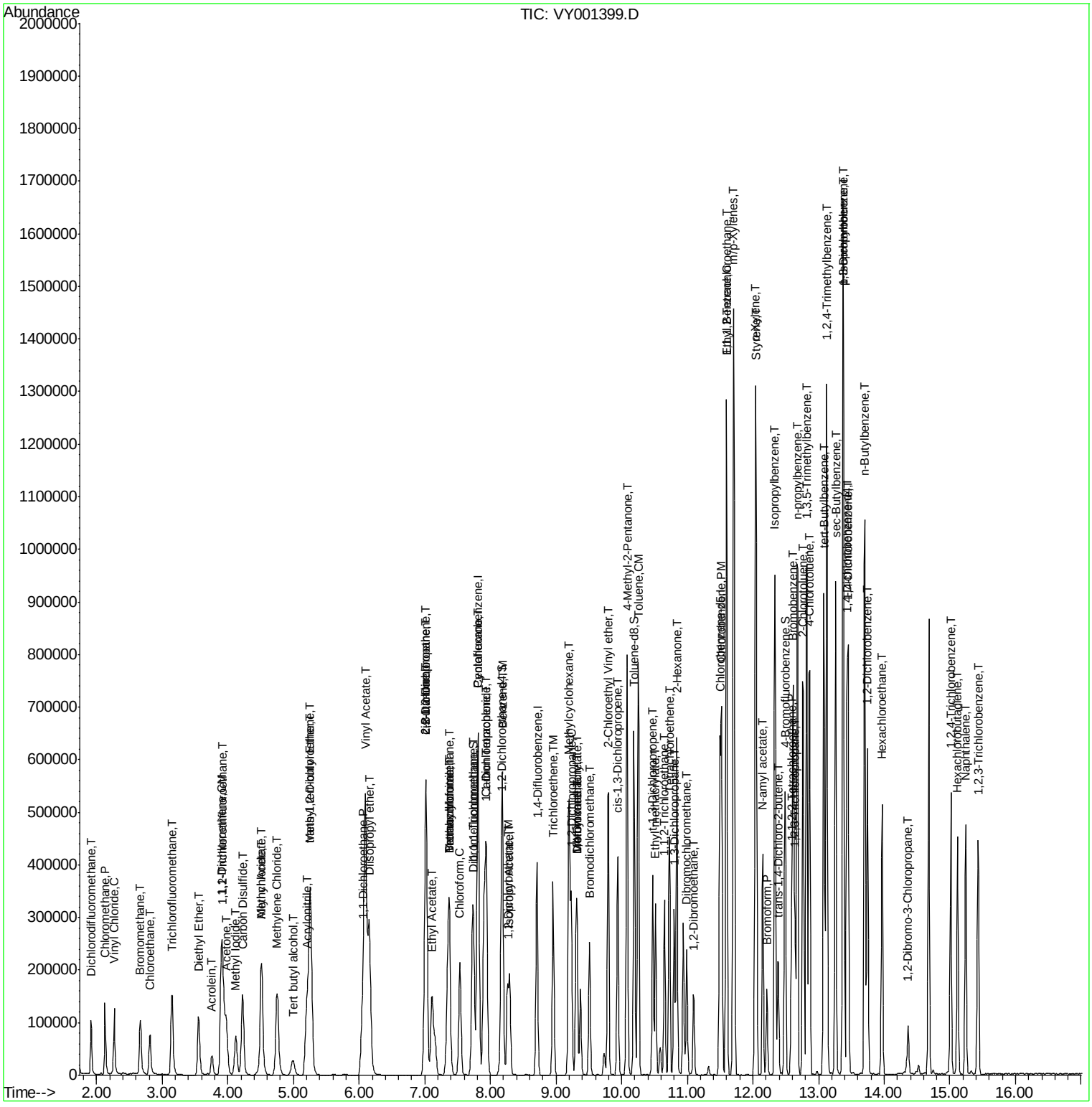
(#) = qualifier out of range (m) = manual integration (+) = signals summed

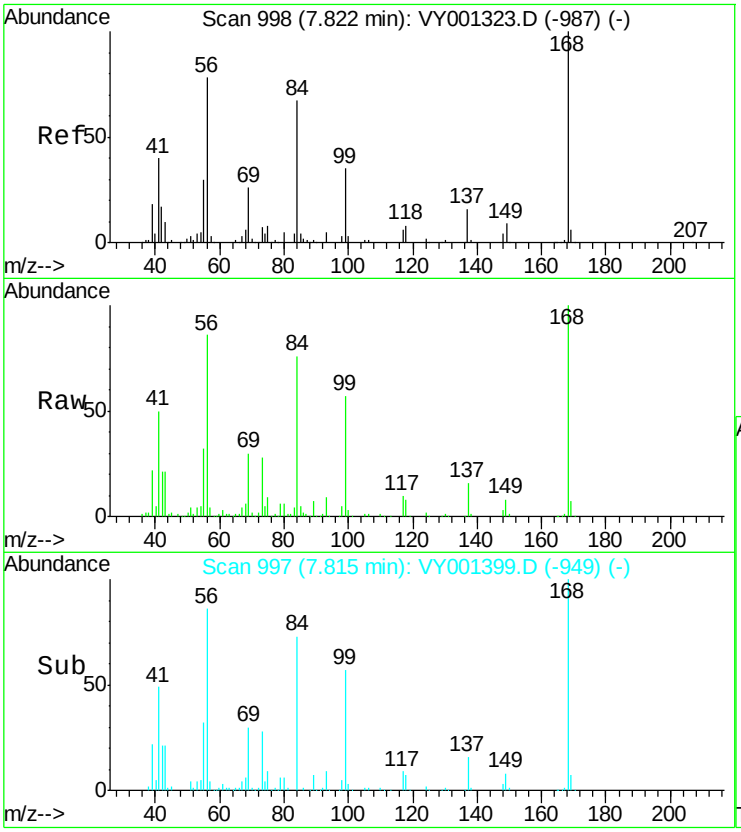
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012720\
Data File : VY001399.D
Acq On : 27 Jan 2020 12:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Quant Time: Jan 27 13:40:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration



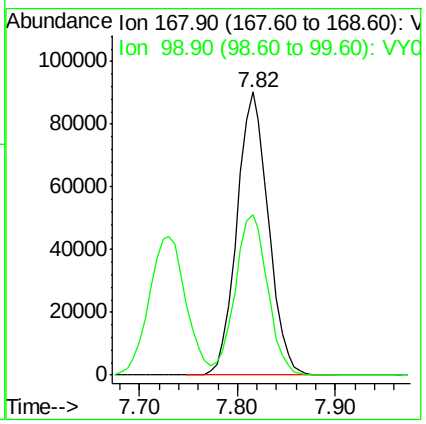


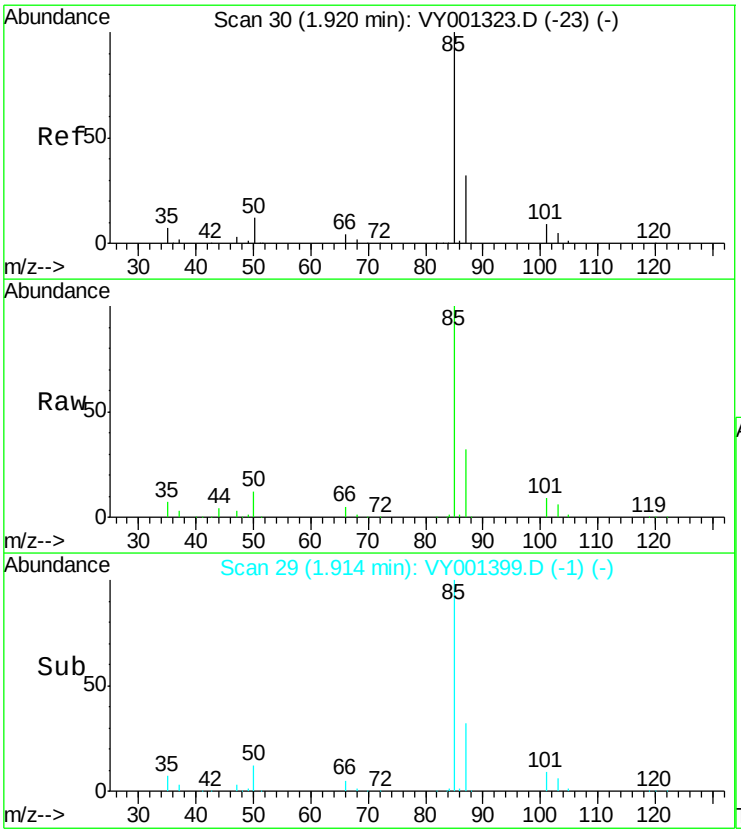

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion:168 Resp: 201120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 56.8 | 44.3 | 66.5 |

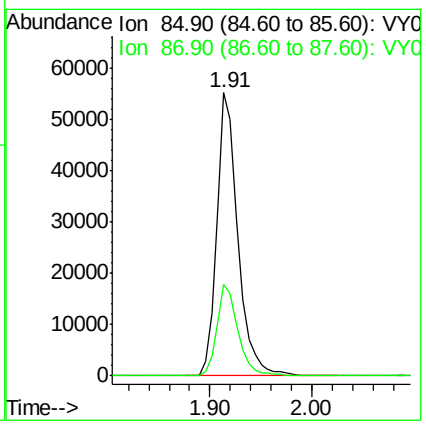


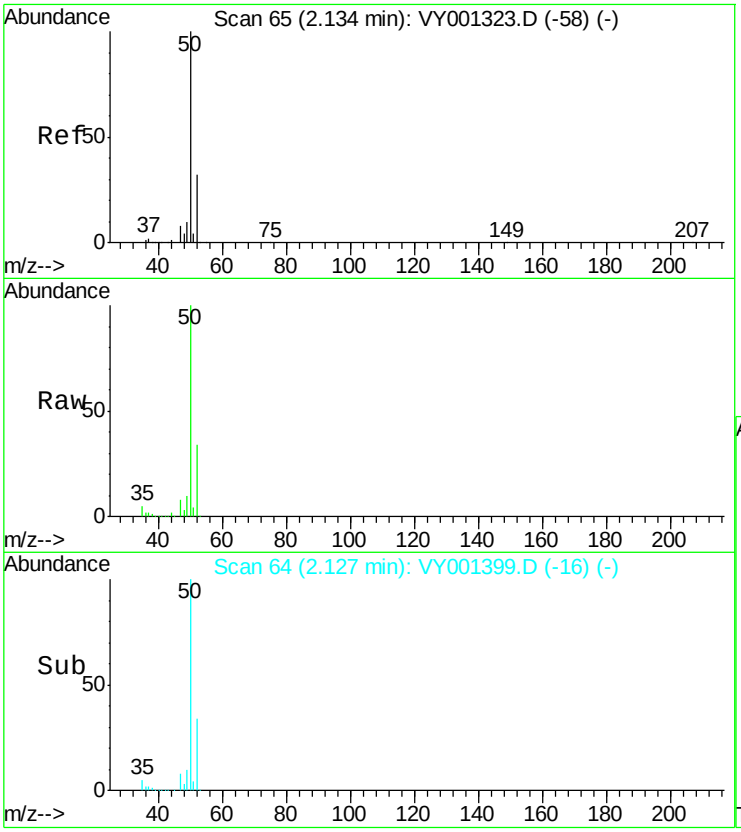




#2
Dichlorodifluoromethane
Concen: 50.57 ug/l
RT: 1.91 min Scan# 29
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 85 Resp: 80206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.3 | 16.0 | 48.0 |



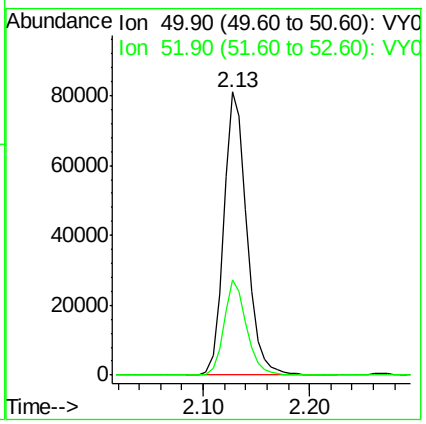


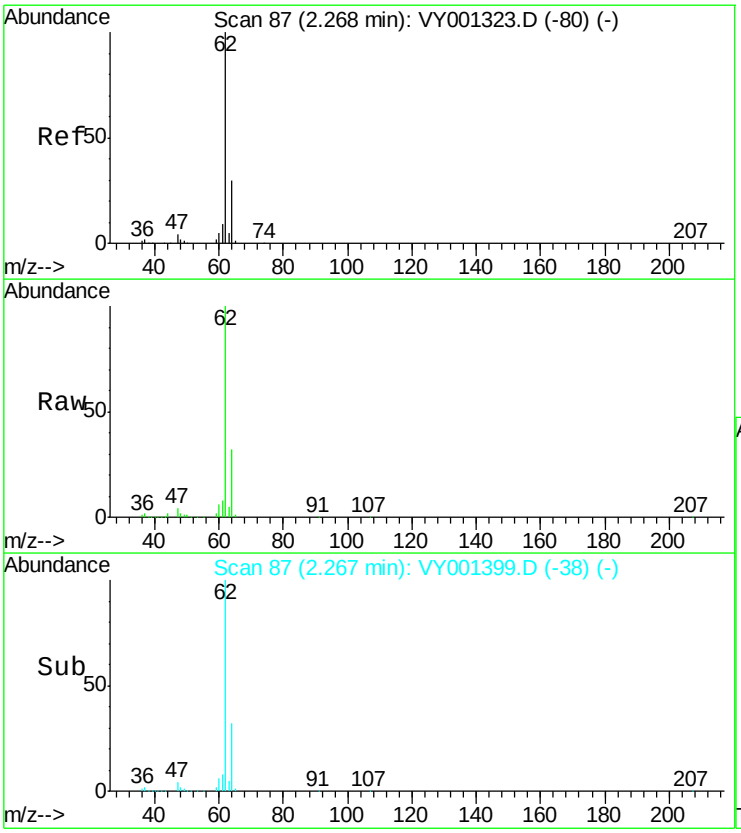

#3
Chloromethane
Concen: 51.04 ug/l
RT: 2.13 min Scan# 64
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 50 Resp: 122348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.5 | 25.7 | 38.5 |

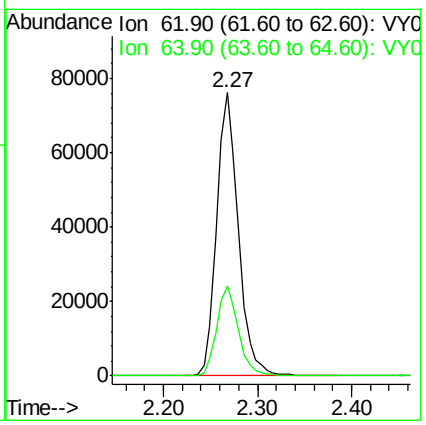


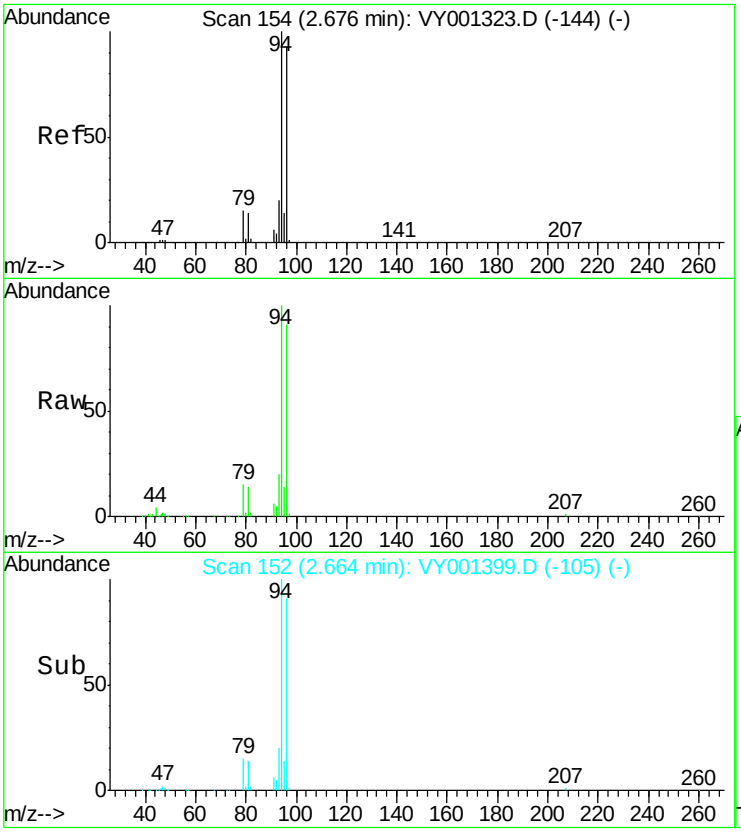




#4
Vinyl Chloride
Concen: 48.51 ug/l
RT: 2.27 min Scan# 87
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 62 Resp: 121261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.8 | 23.9 | 35.9 |



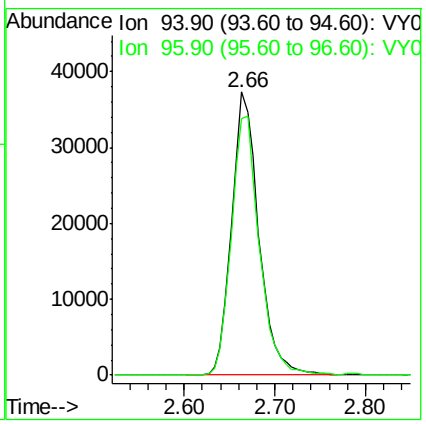


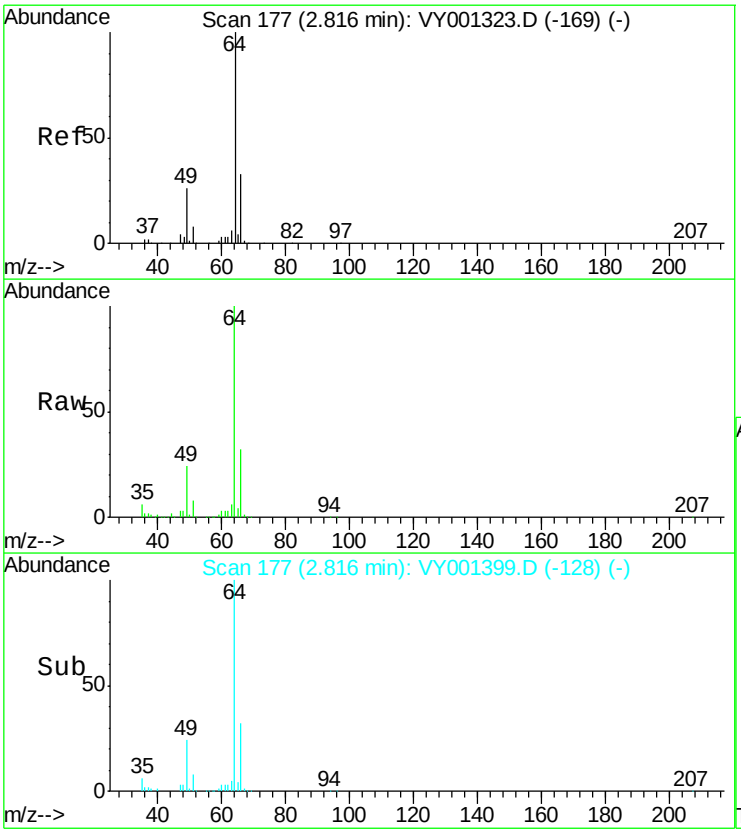

#5
Bromomethane
Concen: 46.10 ug/l
RT: 2.66 min Scan# 152
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 94 Resp: 77601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 90.6 | 74.6 | 111.8 |

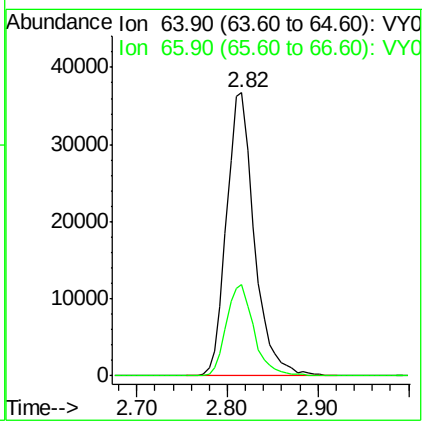


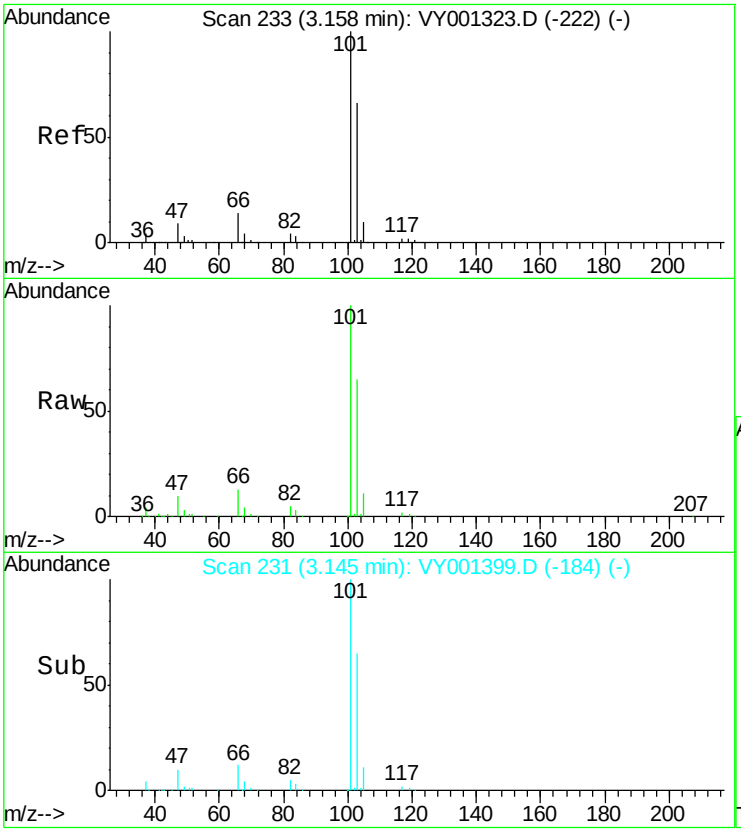




#6
Chloroethane
Concen: 49.00 ug/l
RT: 2.82 min Scan# 177
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 64 Resp: 78268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.2 | 26.8 | 40.2 |



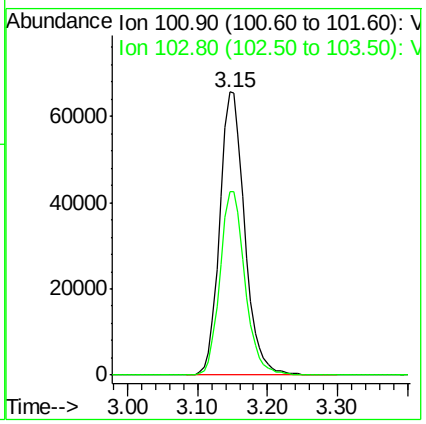


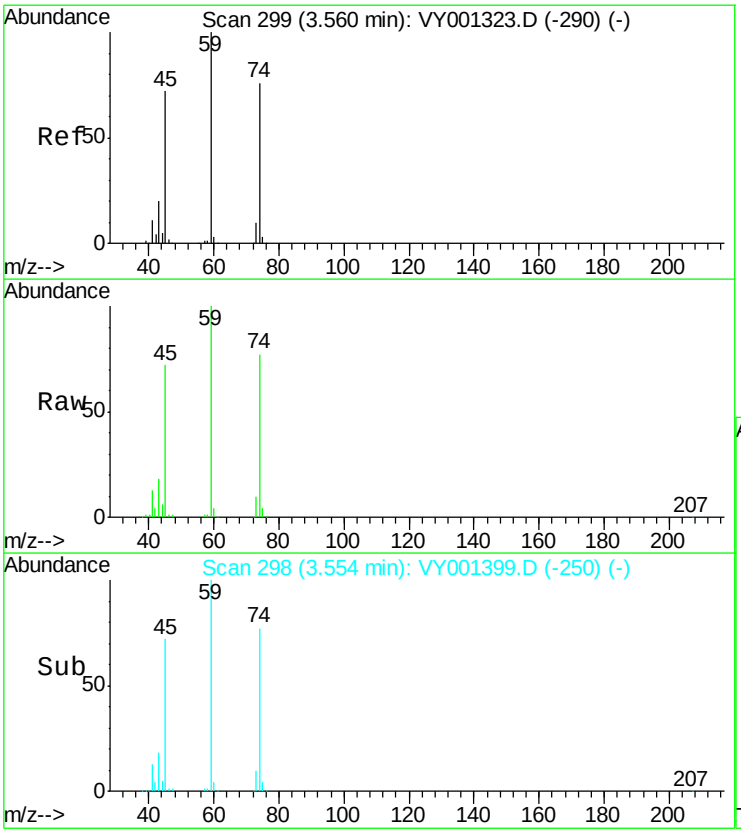

#7
Trichlorofluoromethane
Concen: 50.92 ug/l
RT: 3.15 min Scan# 231
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:101 Resp: 162853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.8 | 52.5 | 78.7 |

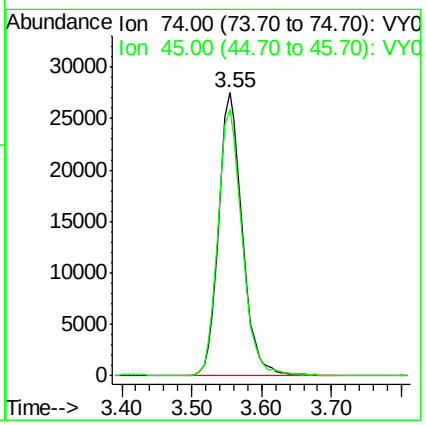


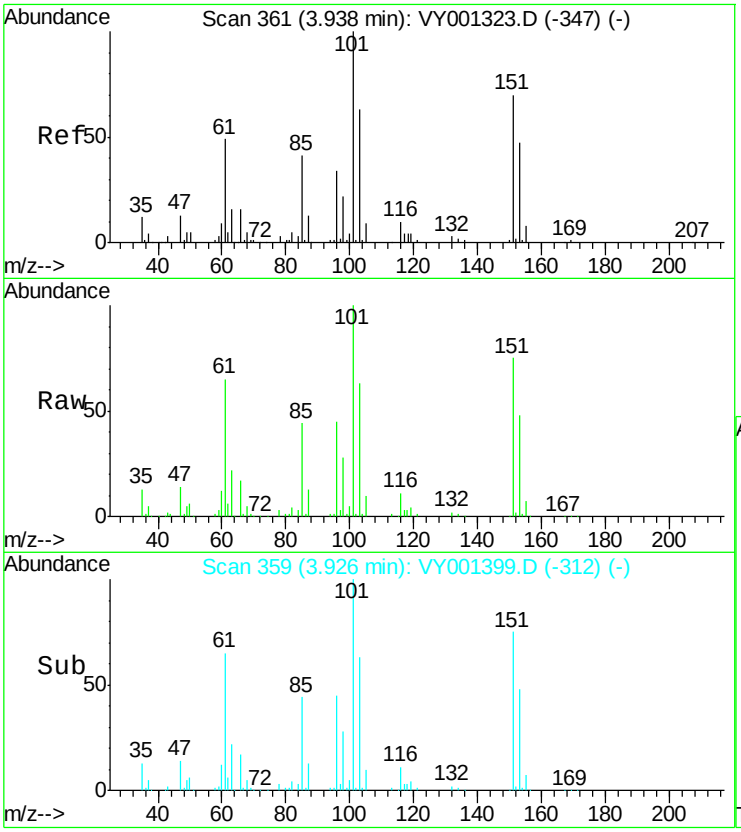




#8
Diethyl Ether
Concen: 47.97 ug/l
RT: 3.55 min Scan# 298
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 74 Resp: 64758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 96.8 | 47.2 | 141.6 |



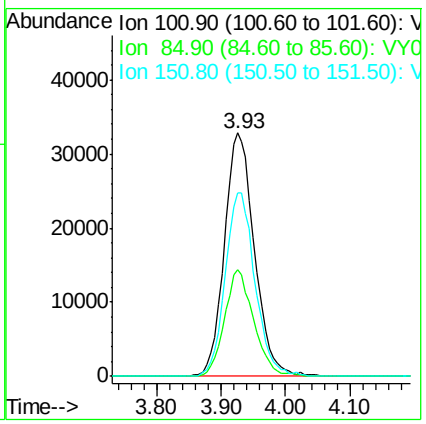


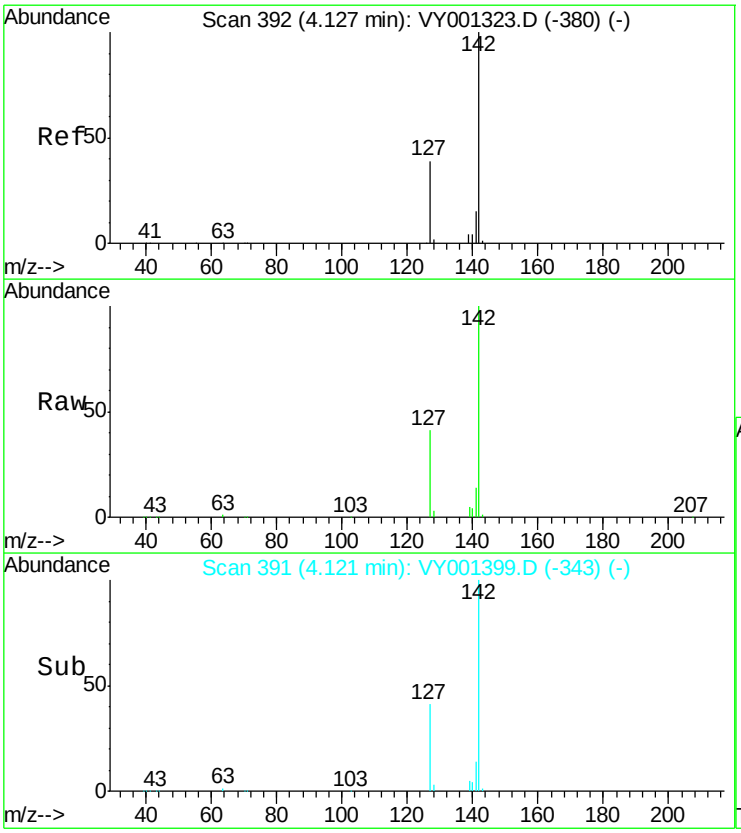

#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.58 ug/l
RT: 3.93 min Scan# 359
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion:101 Resp: 107087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.9 | 34.9 | 52.3 |
| 151 | 74.8 | 59.9 | 89.9 |

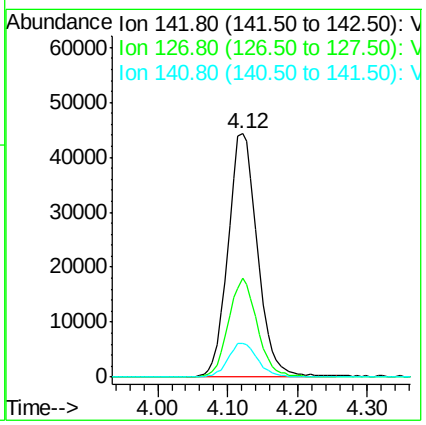


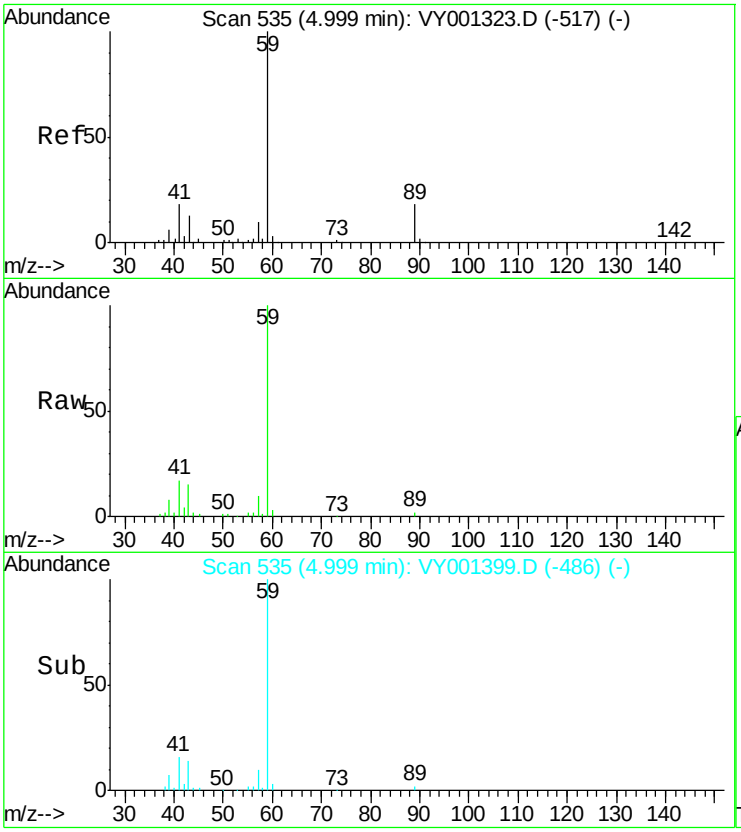




#10
Methyl Iodide
Concen: 48.38 ug/l
RT: 4.12 min Scan# 391
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion:142 Resp: 129949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 39.8 | 31.6 | 47.4 |
| 141 | 14.0 | 11.2 | 16.8 |



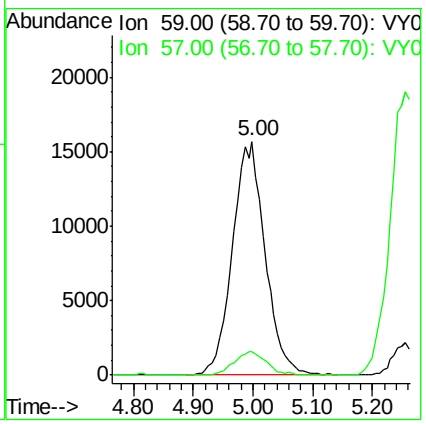


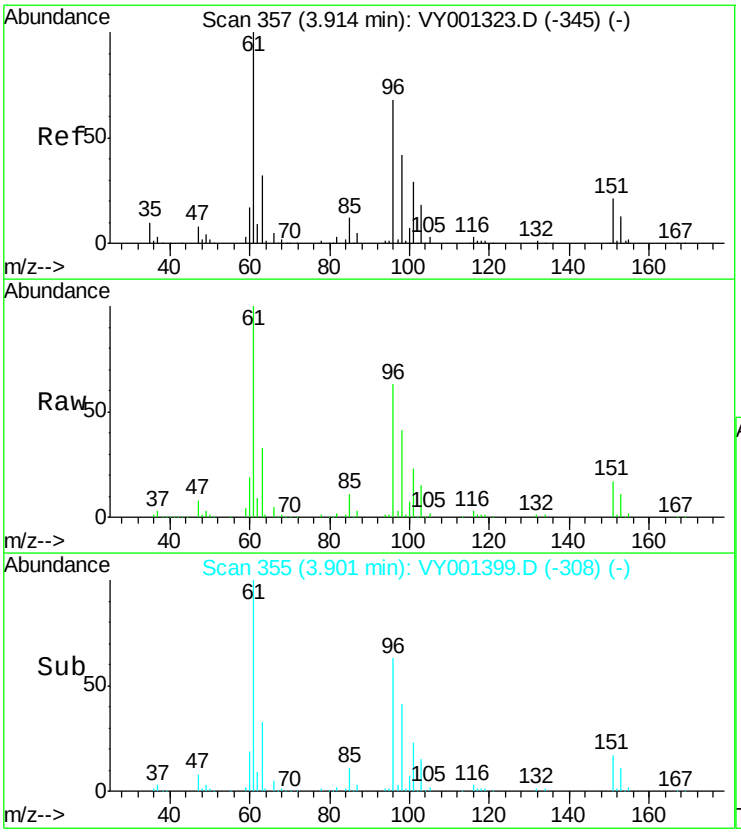

#11
Tert butyl alcohol
Concen: 213.92 ug/l
RT: 5.00 min Scan# 535
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 59 Resp: 59625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.8 | 7.4 | 11.2 |

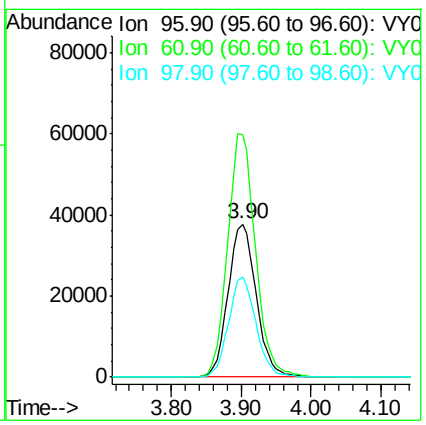


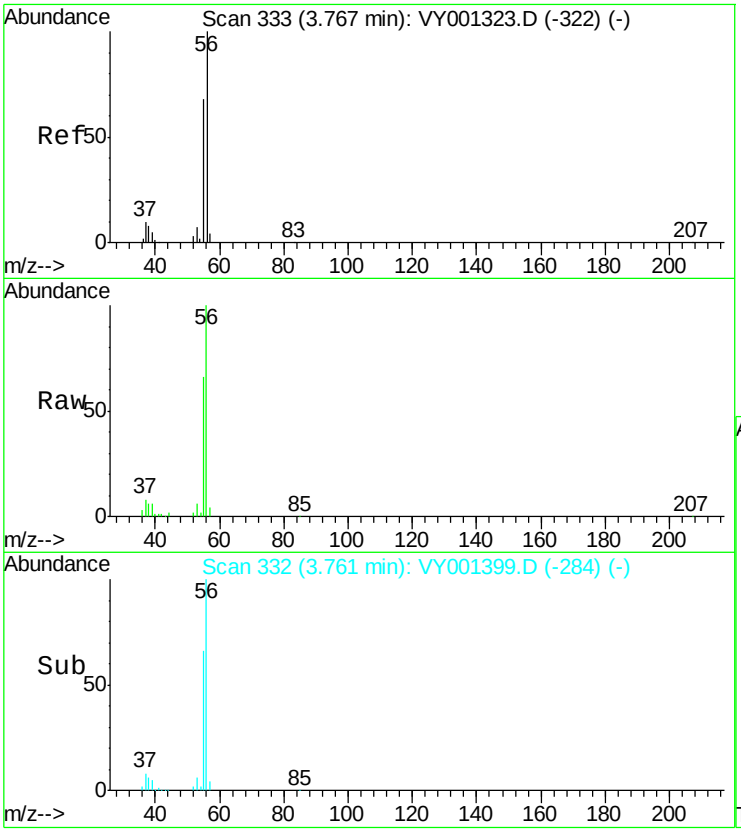




#12
1,1-Dichloroethene
Concen: 49.42 ug/l
RT: 3.90 min Scan# 355
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 96 Resp: 105530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 158.4 | 118.0 | 177.0 |
| 98 | 65.3 | 49.4 | 74.2 |



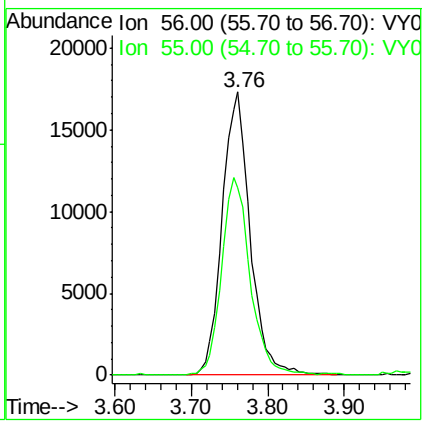


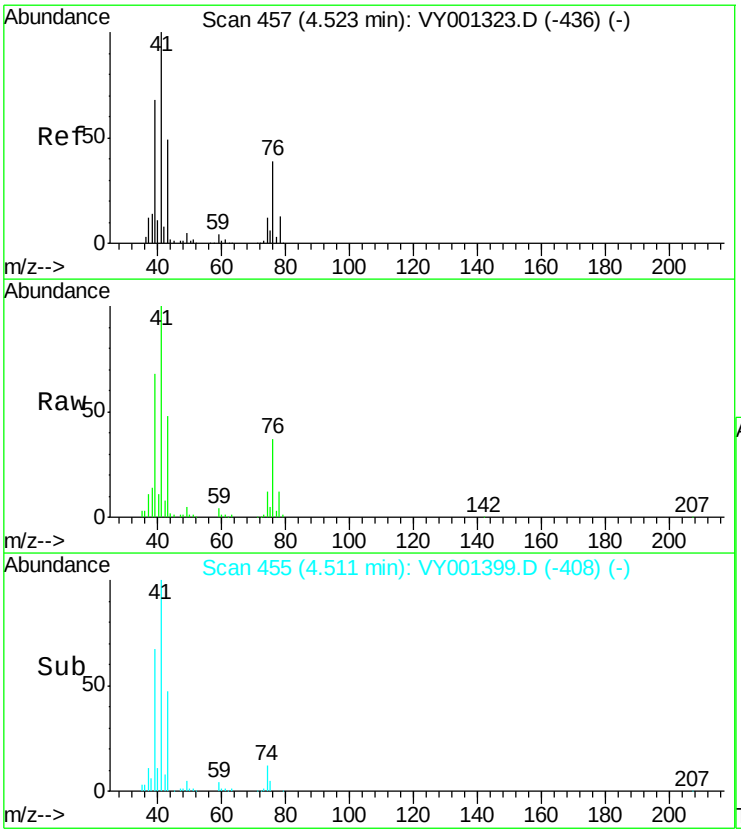

#13
Acrolein
Concen: 271.08 ug/l
RT: 3.76 min Scan# 332
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 56 Resp: 43825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.3 | 55.9 | 83.9 |

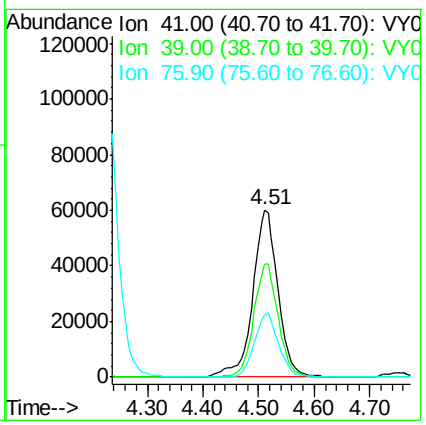


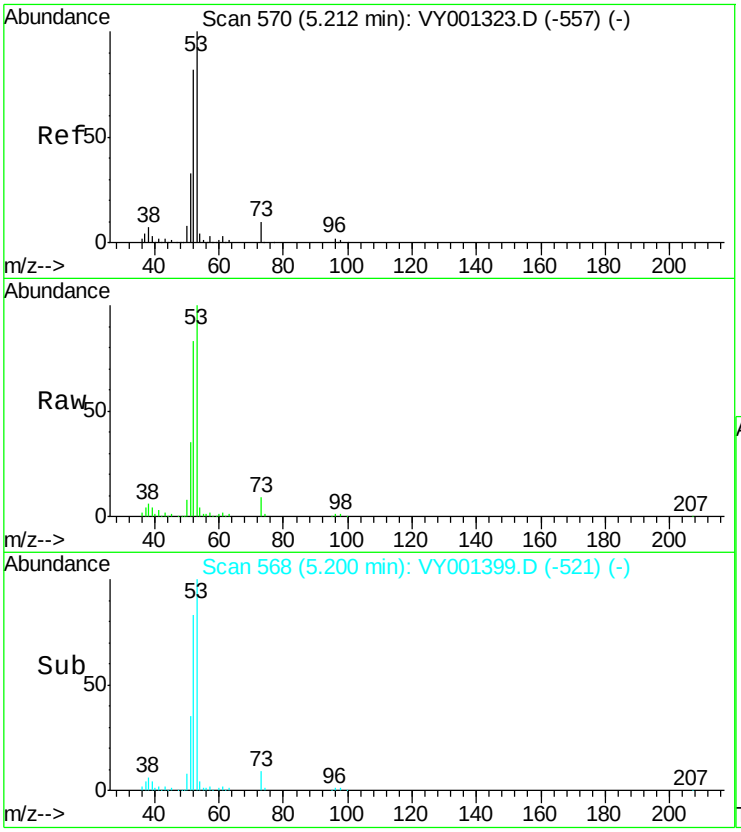




#14
Allyl chloride
Concen: 49.99 ug/l
RT: 4.51 min Scan# 455
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 41 Resp: 190372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 65.8 | 52.2 | 78.4 |
| 76 | 36.6 | 29.1 | 43.7 |



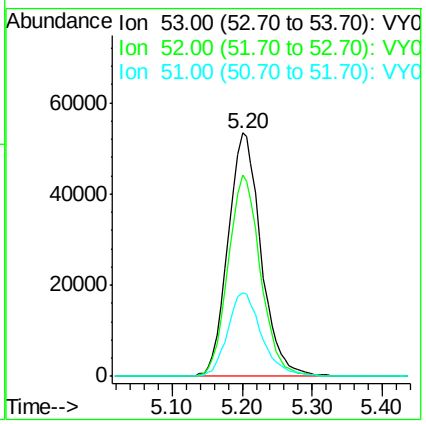


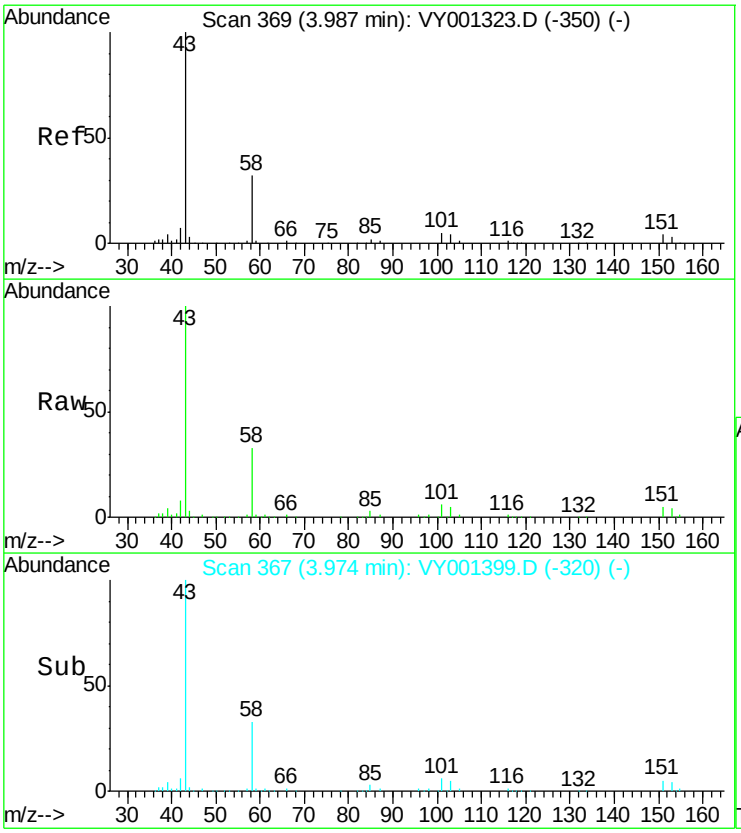

#15
Acrylonitrile
Concen: 253.28 ug/l
RT: 5.20 min Scan# 568
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 53 Resp: 175026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 81.1 | 65.3 | 97.9 |
| 51 | 35.4 | 28.4 | 42.6 |

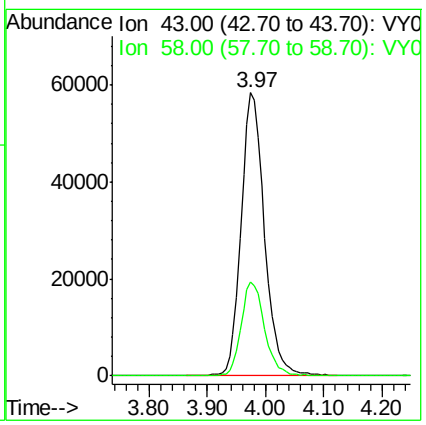


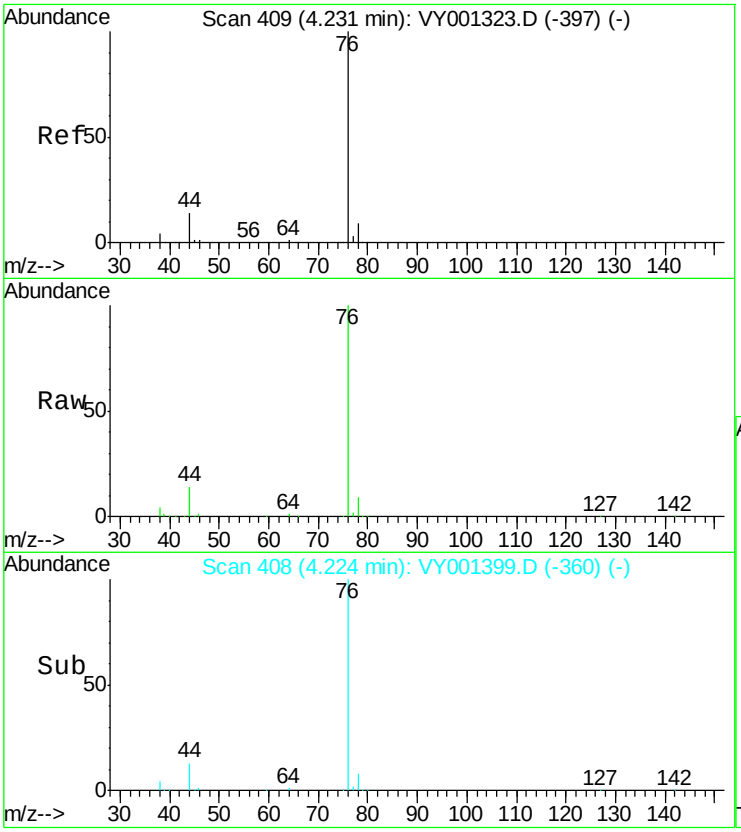




#16
Acetone
Concen: 282.55 ug/l
RT: 3.97 min Scan# 367
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 43 Resp: 162321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.1 | 25.4 | 38.0 |



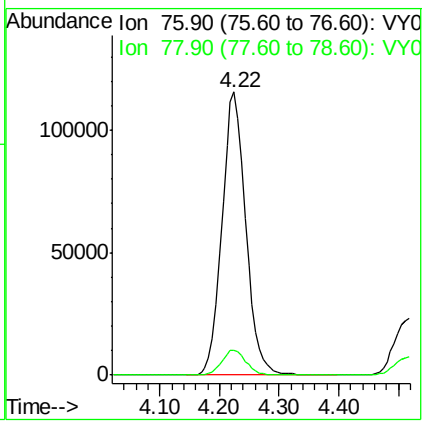


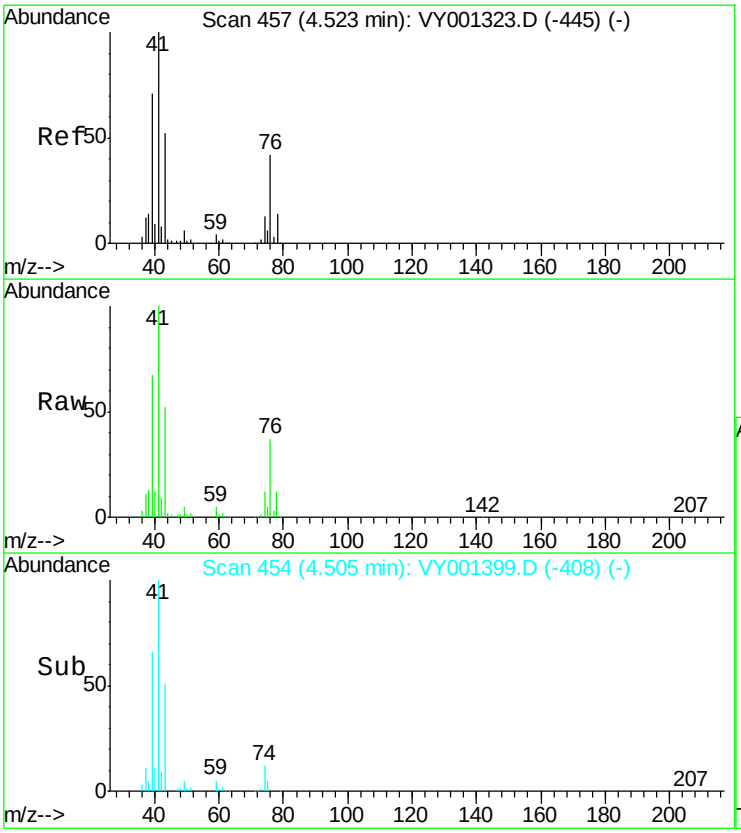

#17
Carbon Disulfide
Concen: 47.71 ug/l
RT: 4.22 min Scan# 408
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 76 Resp: 320404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.8 | 7.0 | 10.6 |

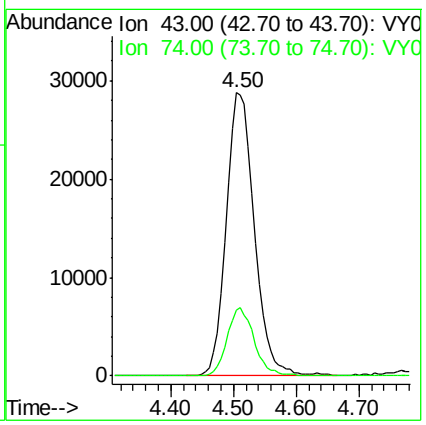


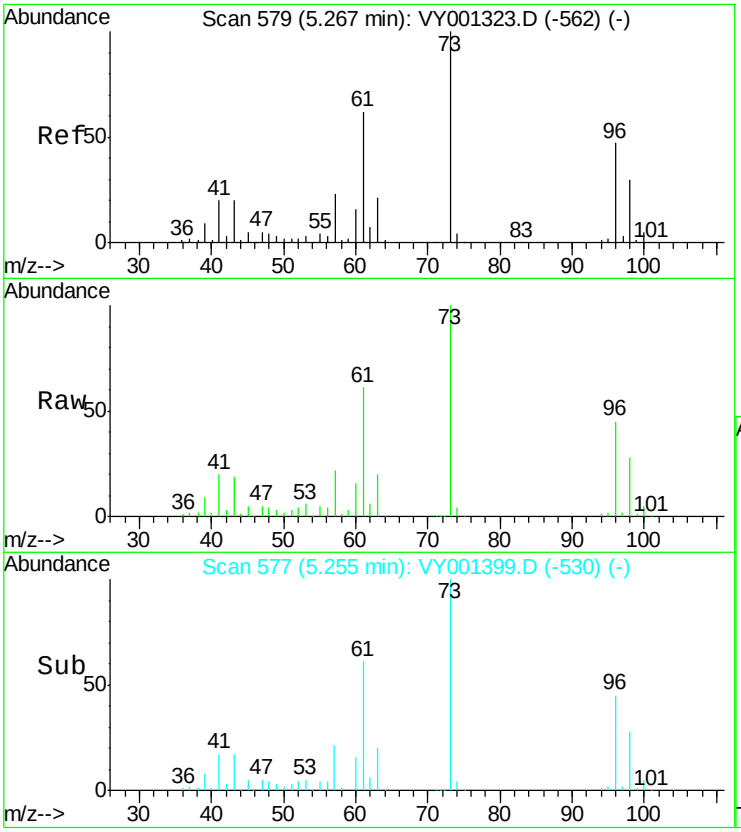




#18
Methyl Acetate
Concen: 48.54 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.02 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 43 Resp: 89581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 23.0 | 19.4 | 29.2 |



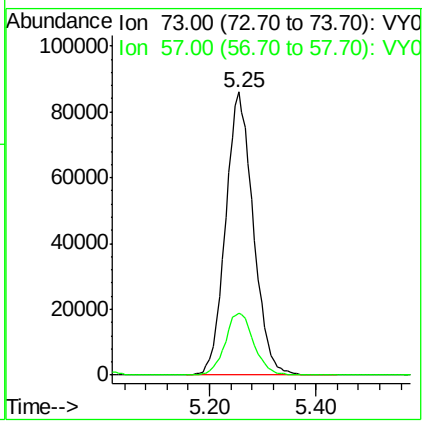


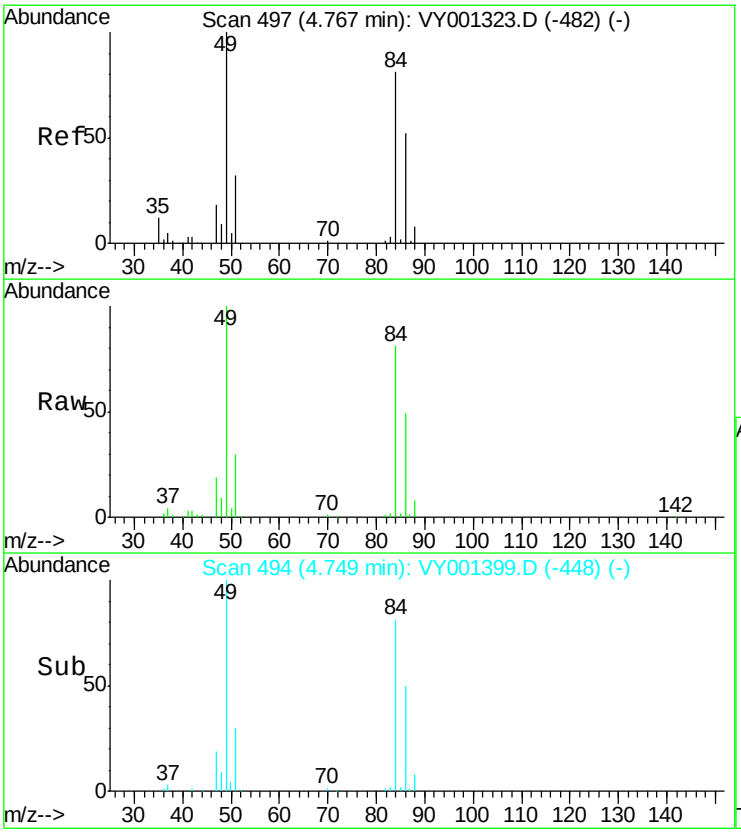

#19
Methyl tert-butyl Ether
Concen: 49.80 ug/l
RT: 5.25 min Scan# 577
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 73 Resp: 311385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.1 | 18.2 | 27.2 |

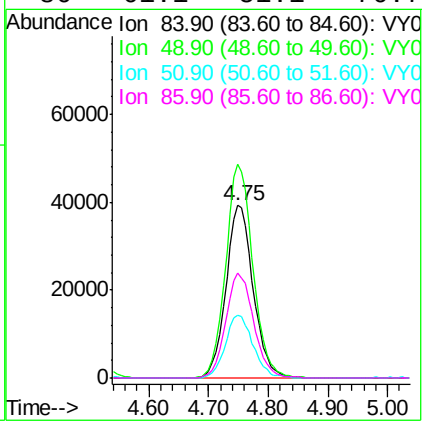


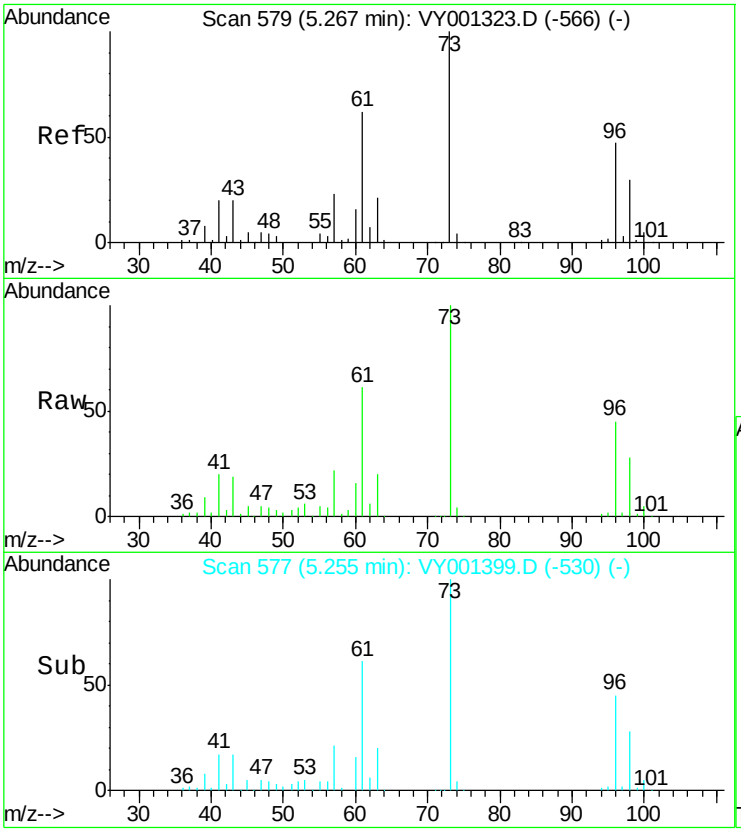




#20
Methylene Chloride
Concen: 45.59 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.02 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 84 Resp: 124223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 124.0 | 98.3 | 147.5 |
| 51 | 36.8 | 31.6 | 47.4 |
| 86 | 61.1 | 51.1 | 76.7 |



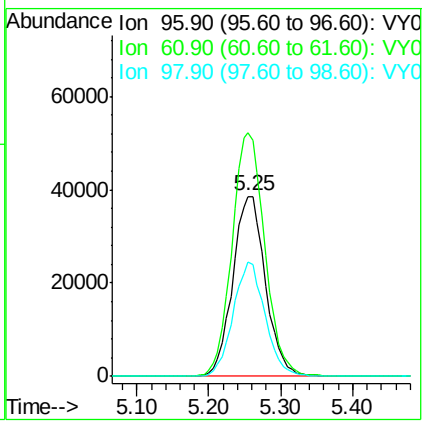


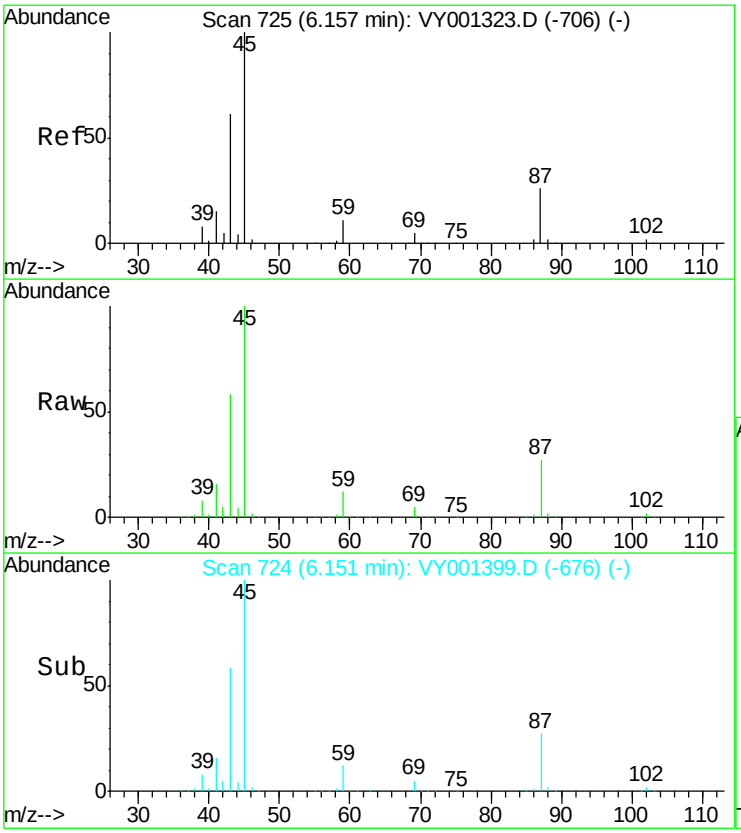

#21
trans-1,2-Dichloroethene
Concen: 49.04 ug/l
RT: 5.25 min Scan# 577
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 96 Resp: 121648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 135.1 | 106.8 | 160.2 |
| 98 | 63.3 | 51.0 | 76.6 |

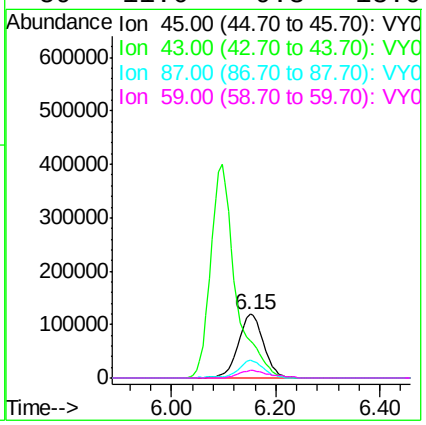


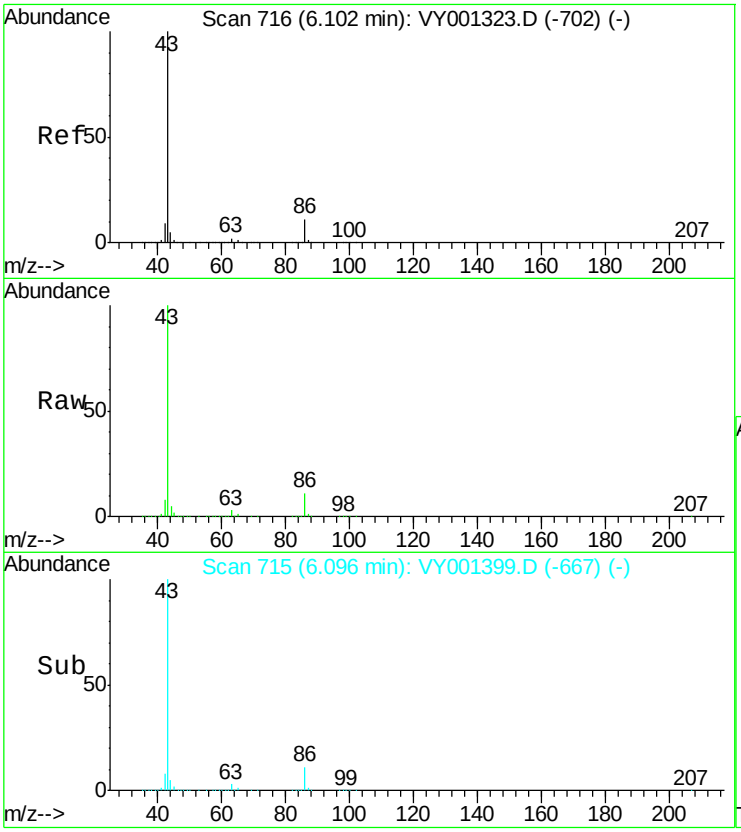




#22
Diisopropyl ether
Concen: 49.61 ug/l
RT: 6.15 min Scan# 724
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 45 Resp: 401134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 58.2 | 49.2 | 73.8 |
| 87 | 27.4 | 21.4 | 32.2 |
| 59 | 11.6 | 9.3 | 13.9 |



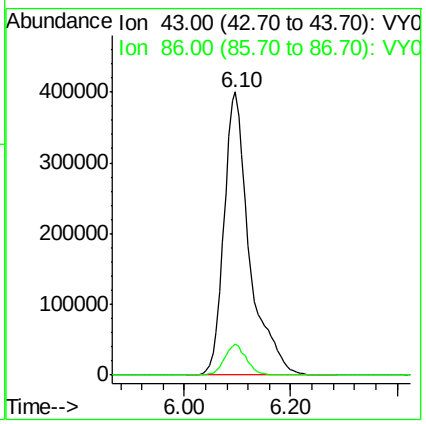


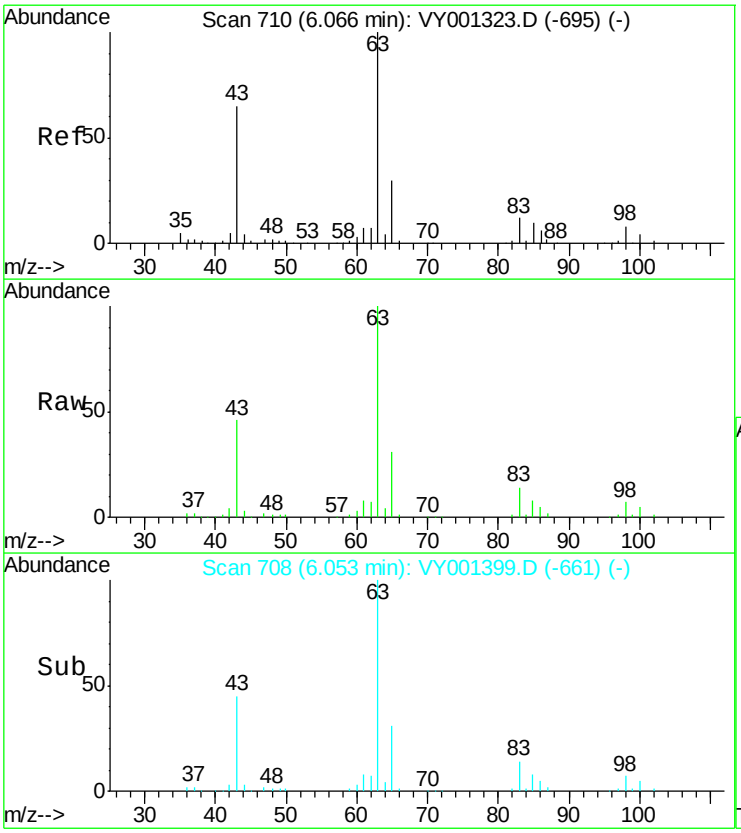

#23
Vinyl Acetate
Concen: 255.08 ug/l
RT: 6.10 min Scan# 715
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 43 Resp: 1339076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.8 | 8.6 | 13.0 |

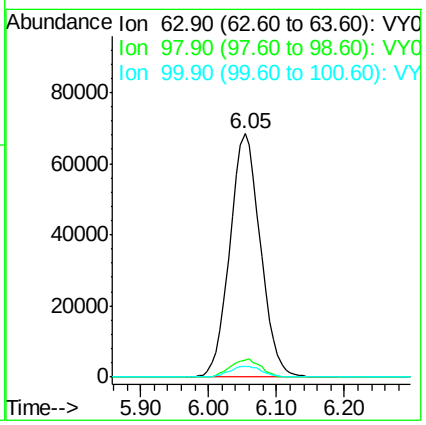


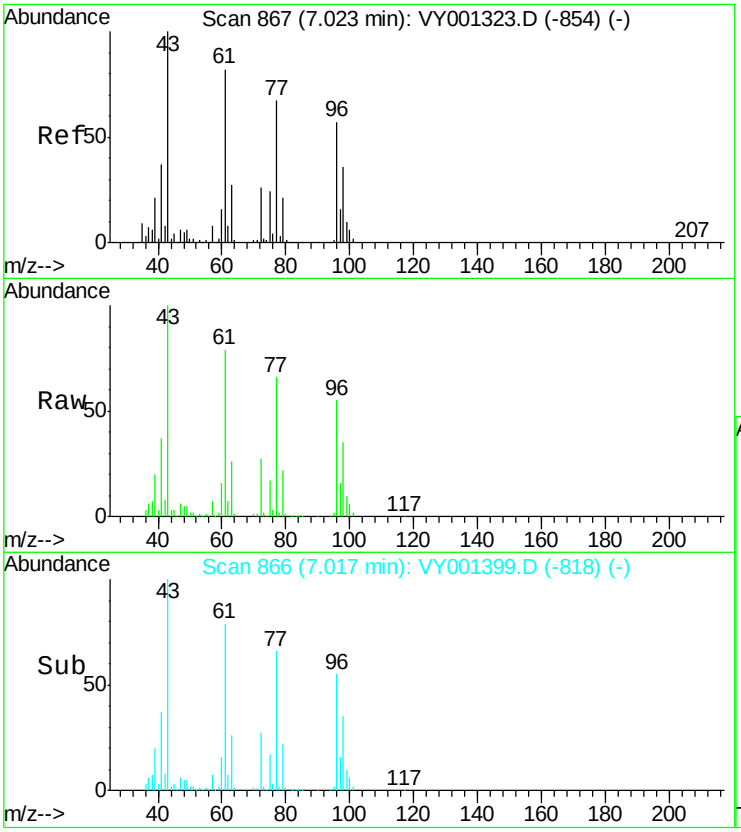




#24
1,1-Dichloroethane
Concen: 49.98 ug/l
RT: 6.05 min Scan# 708
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 63 Resp: 213025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.2 | 4.0 | 12.0 |
| 100 | 4.6 | 2.1 | 6.3 |



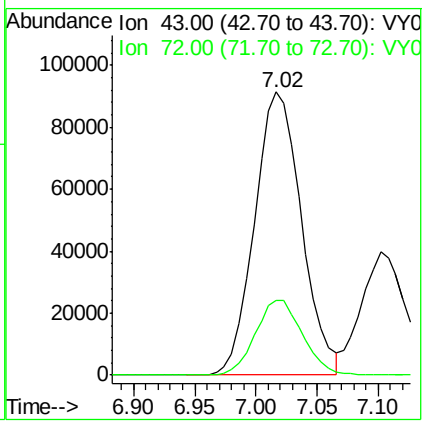


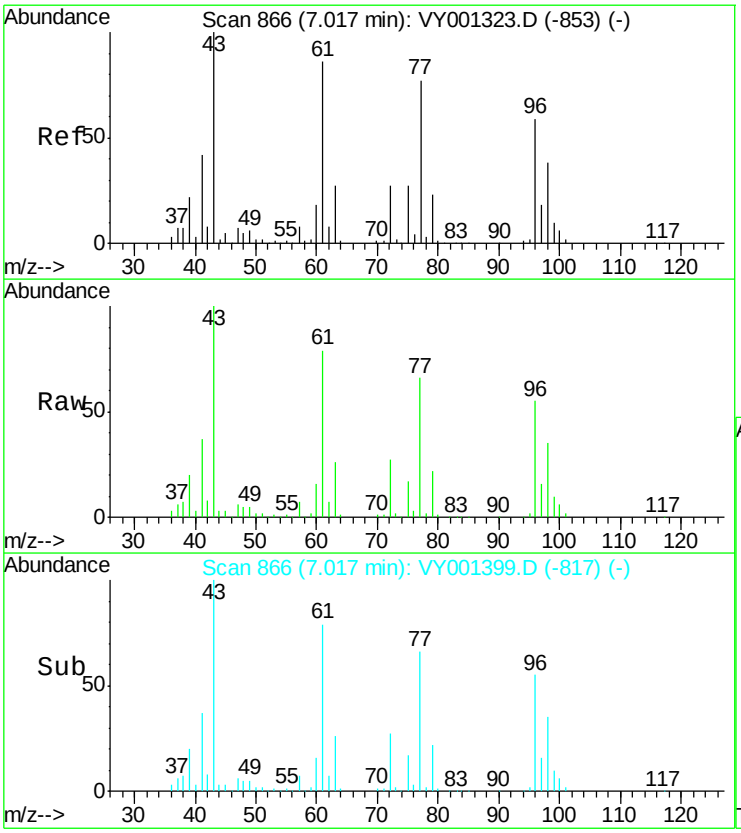

#25
2-Butanone
Concen: 256.66 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 244478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.6 | 20.6 | 31.0 |

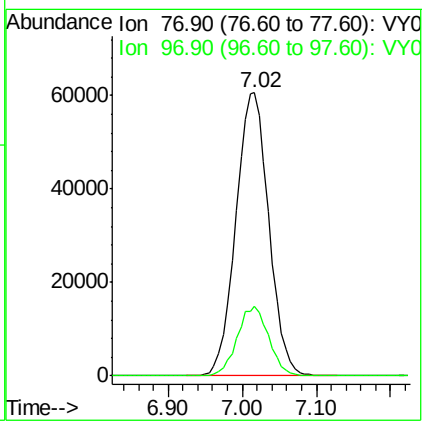


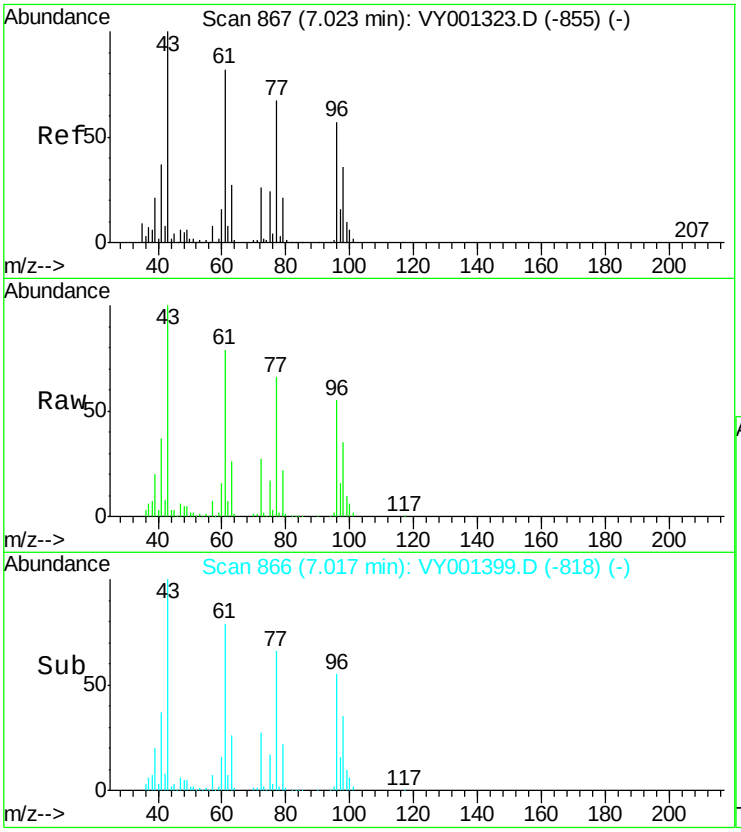




#26
2,2-Dichloropropane
Concen: 49.36 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 77 Resp: 187400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 23.4 | 11.9 | 35.5 |



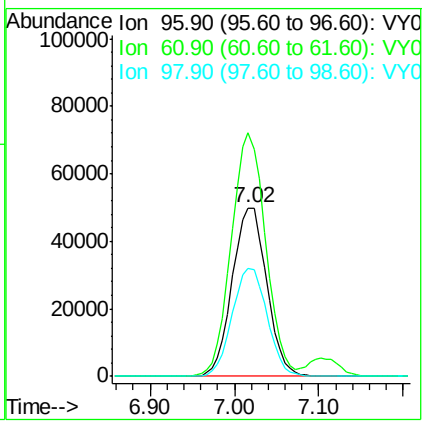


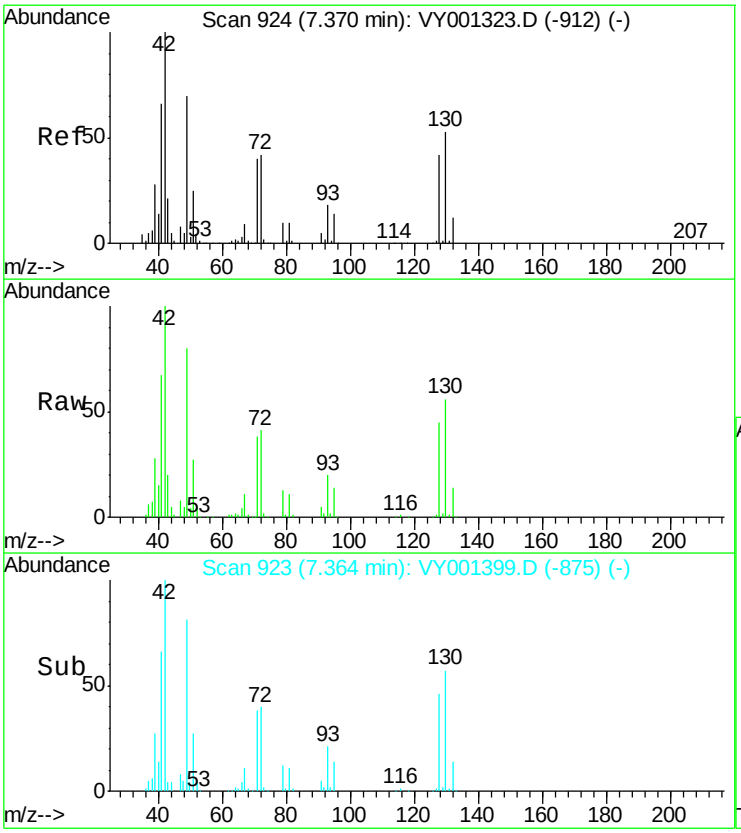

#27
cis-1,2-Dichloroethene
Concen: 49.92 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 96 Resp: 138373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 143.4 | 0.0 | 284.8 |
| 98 | 64.6 | 0.0 | 128.4 |

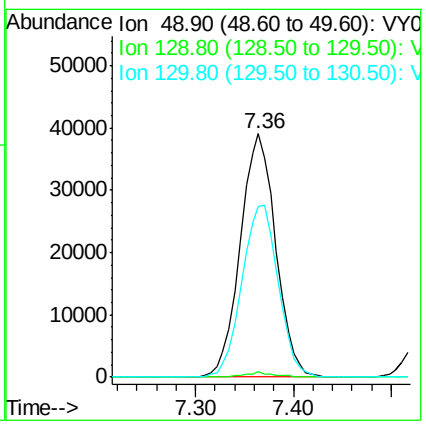


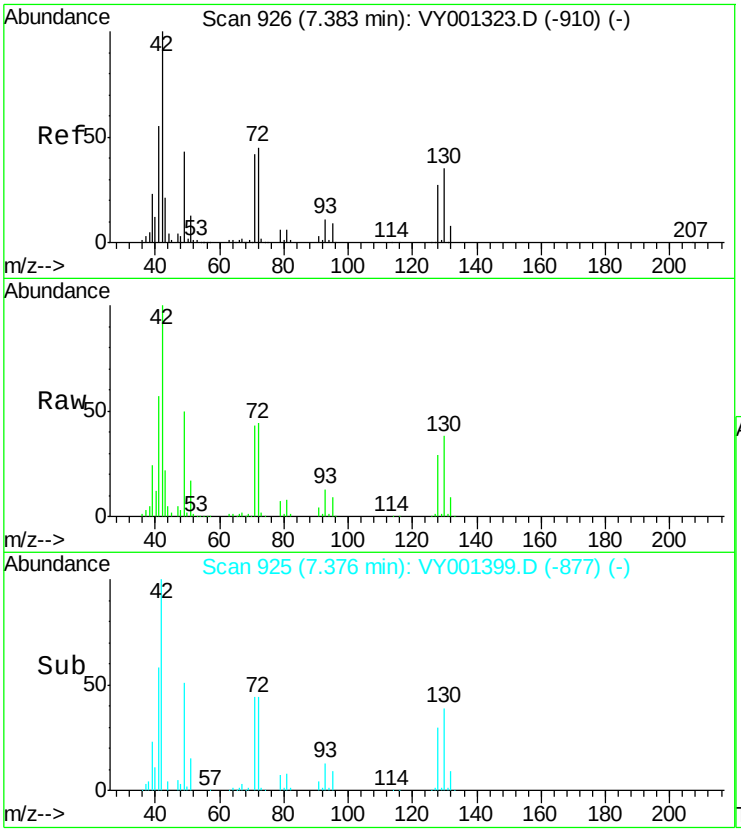




#28
Bromochloromethane
Concen: 55.75 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 49 Resp: 97994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.8 | 0.0 | 4.0 |
| 130 | 72.4 | 58.9 | 88.3 |



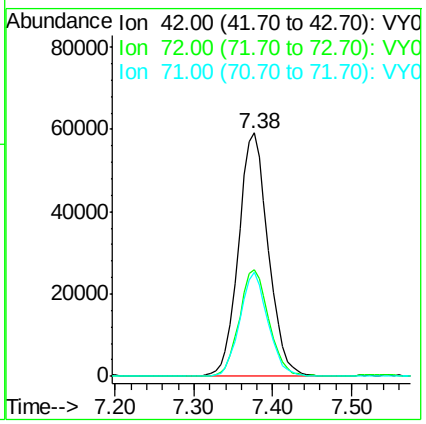


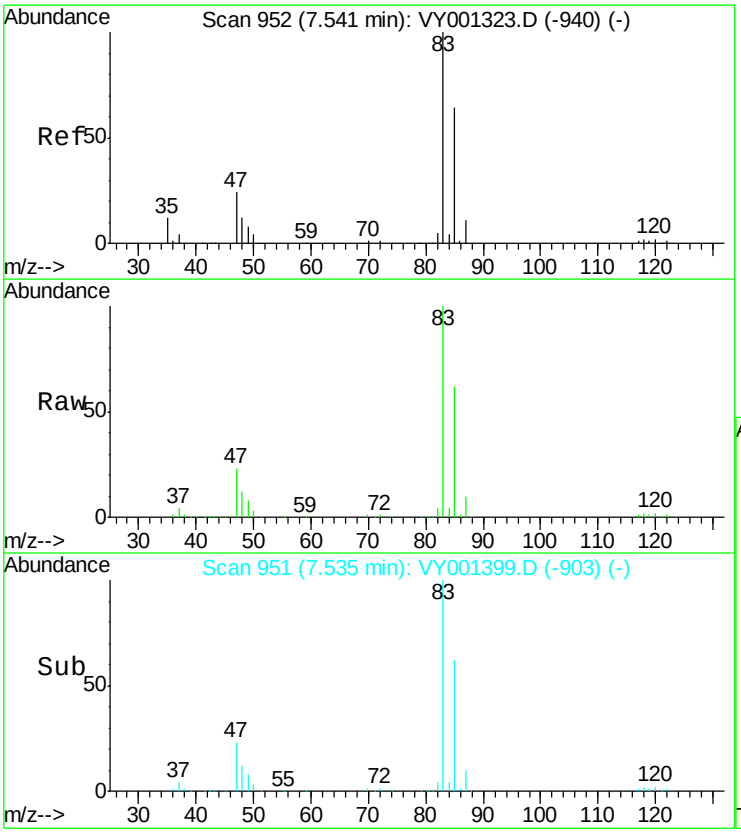

#29
Tetrahydrofuran
Concen: 250.05 ug/l
RT: 7.38 min Scan# 925
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 42 Resp: 154959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 43.5 | 34.6 | 51.8 |
| 71 | 40.3 | 32.6 | 48.8 |

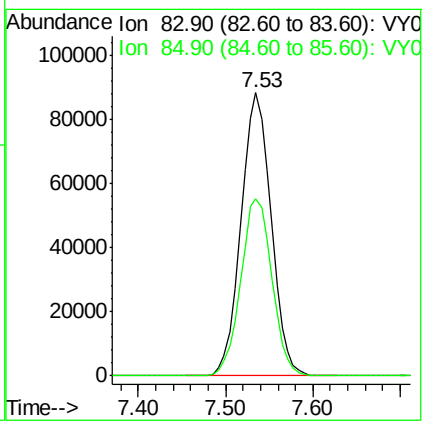


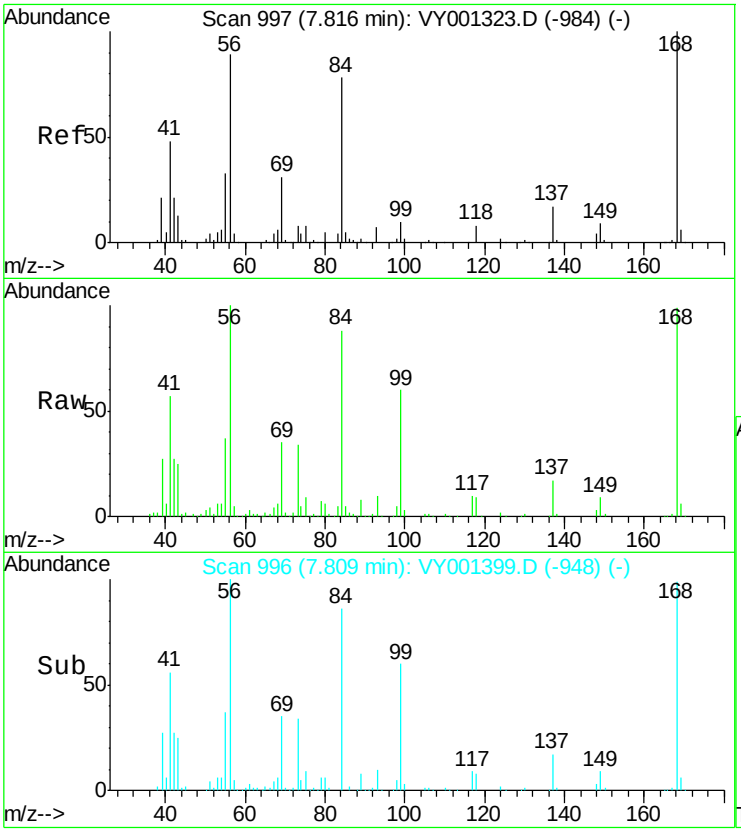




#30
Chloroform
Concen: 50.59 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 83 Resp: 211367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.5 | 51.5 | 77.3 |



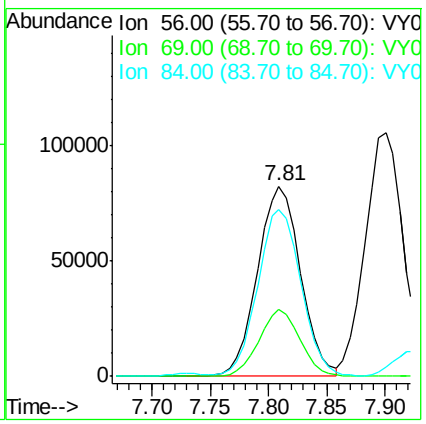


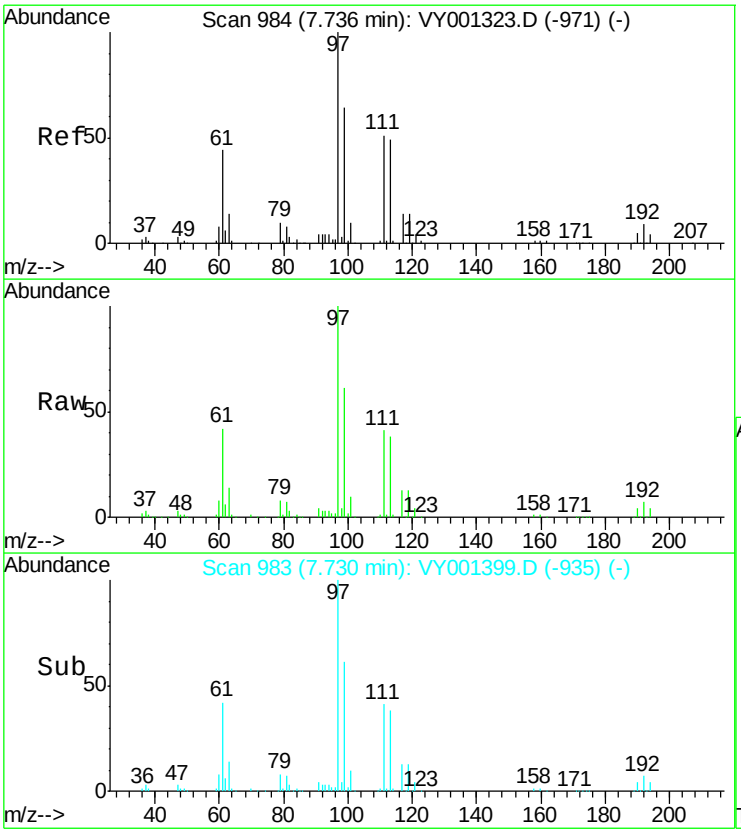

#31
Cyclohexane
Concen: 49.81 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 56 Resp: 210786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 34.9 | 27.6 | 41.4 |
| 84 | 86.7 | 69.7 | 104.5 |

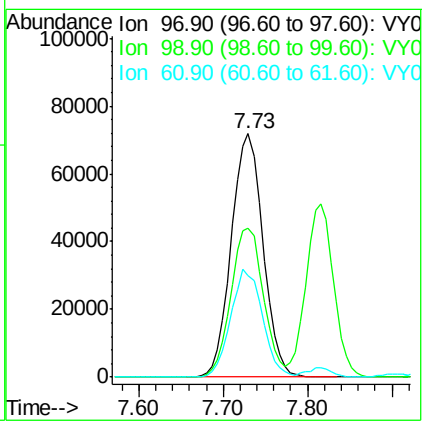


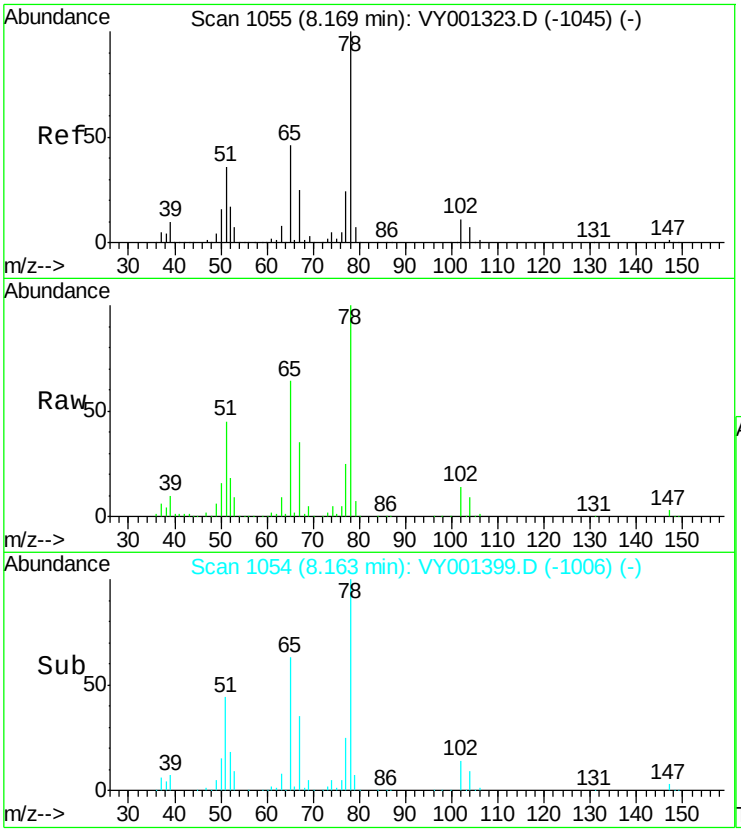




#32
1,1,1-Trichloroethane
Concen: 51.75 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 97 Resp: 182539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.1 | 51.3 | 76.9 |
| 61 | 44.2 | 35.9 | 53.9 |



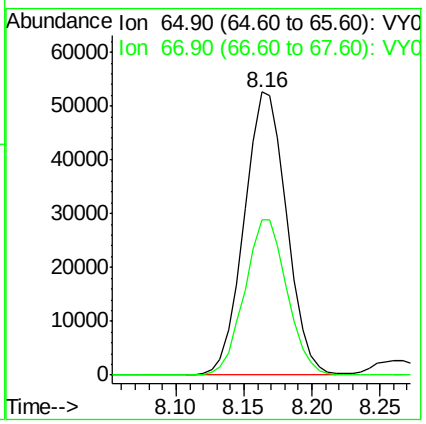


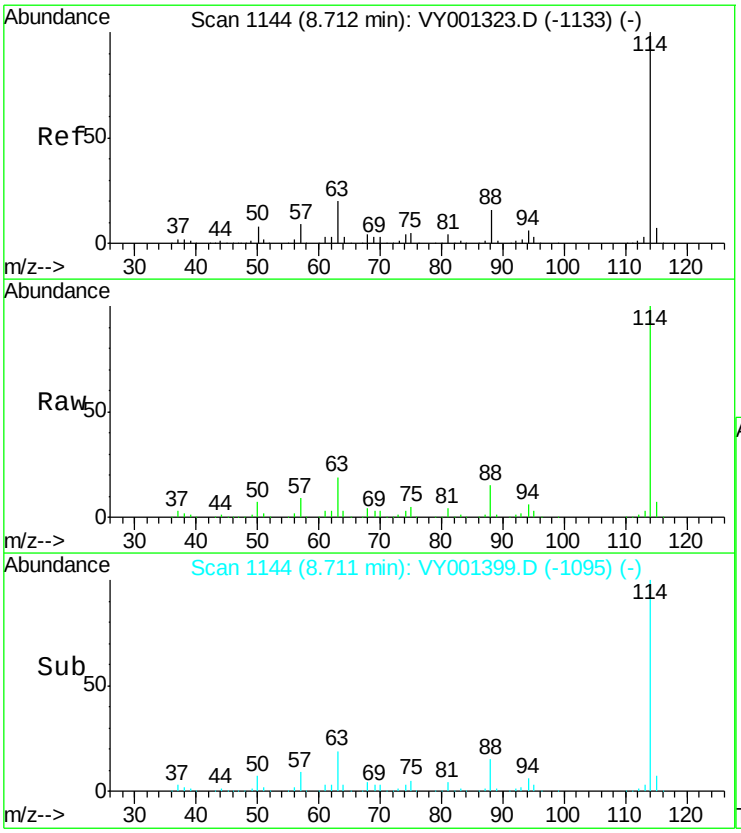

#33
1,2-Dichloroethane-d4
Concen: 52.72 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 65 Resp: 115383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.7 | 0.0 | 108.6 |

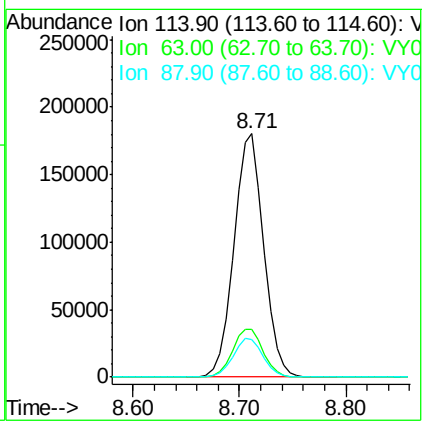


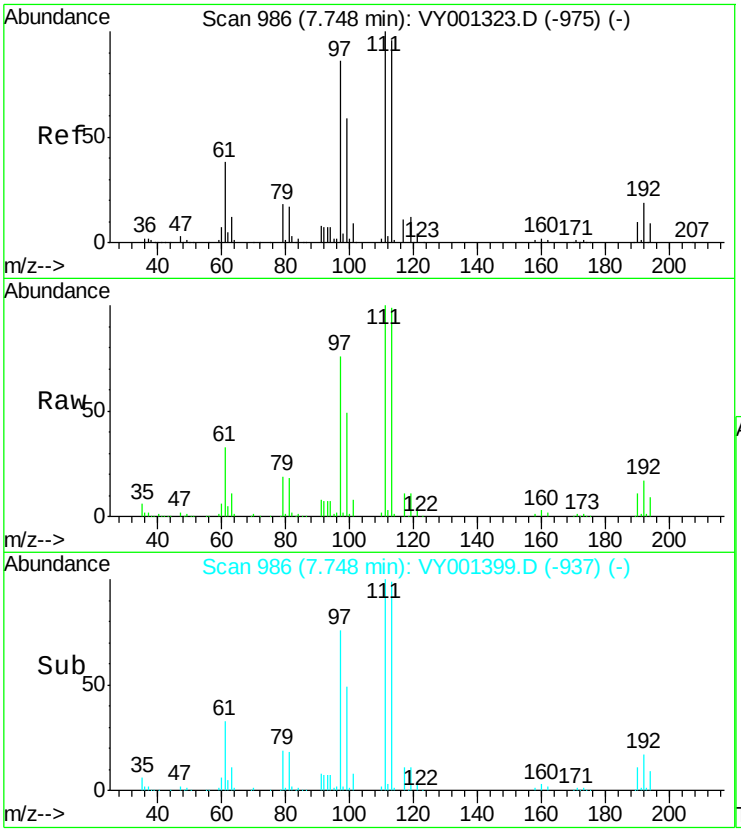




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion:114 Resp: 351705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.5 | 0.0 | 40.8 |
| 88 | 15.3 | 0.0 | 31.0 |



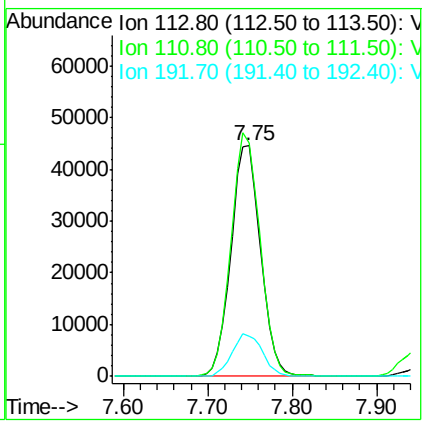


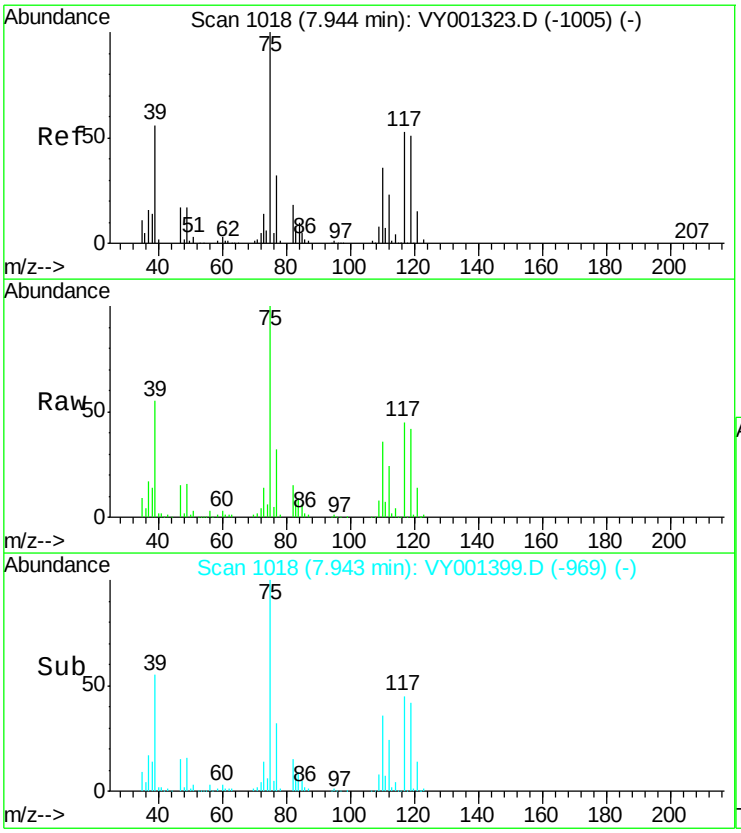

#35
Dibromofluoromethane
Concen: 51.10 ug/l
RT: 7.75 min Scan# 986
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:113 Resp: 105484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.7 | 82.8 | 124.2 |
| 192 | 18.9 | 15.5 | 23.3 |

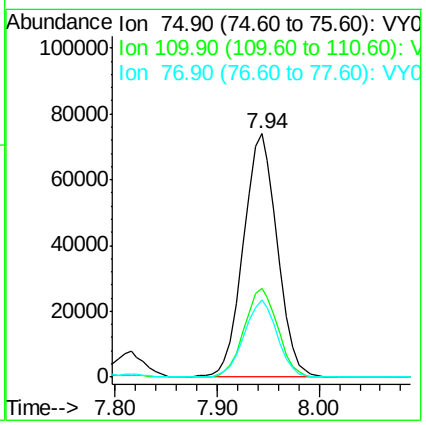


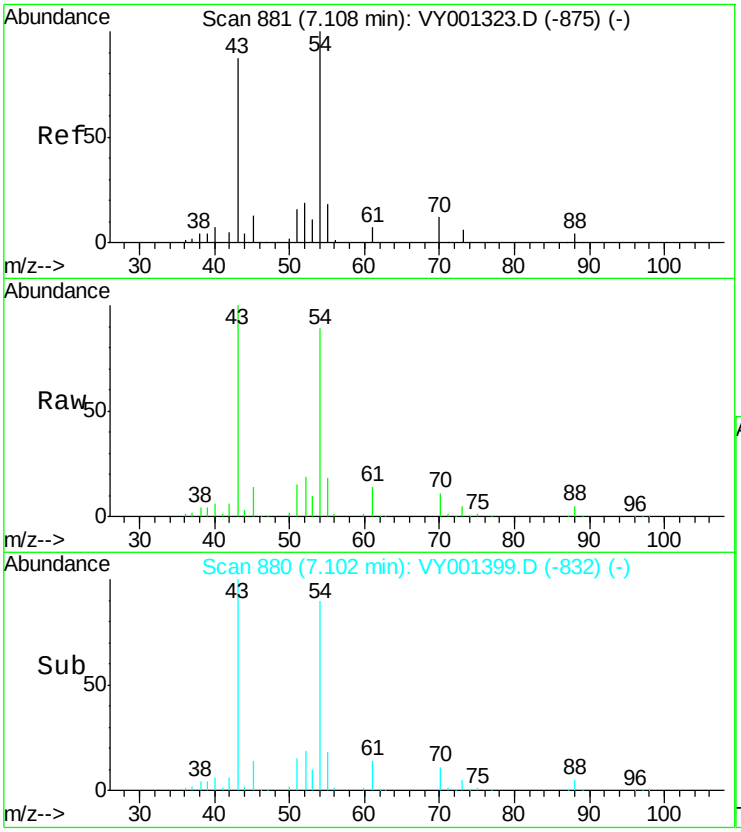




#36
1,1-Dichloropropene
Concen: 51.40 ug/l
RT: 7.94 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 75 Resp: 170789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.9 | 17.6 | 52.8 |
| 77 | 31.1 | 24.7 | 37.1 |



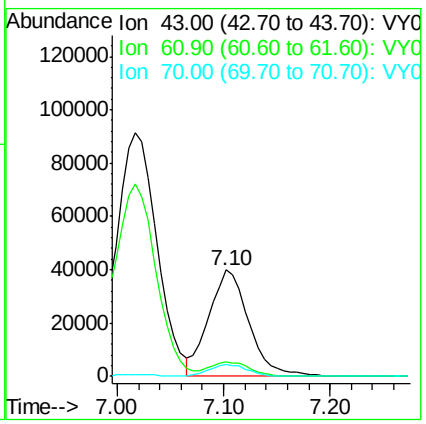


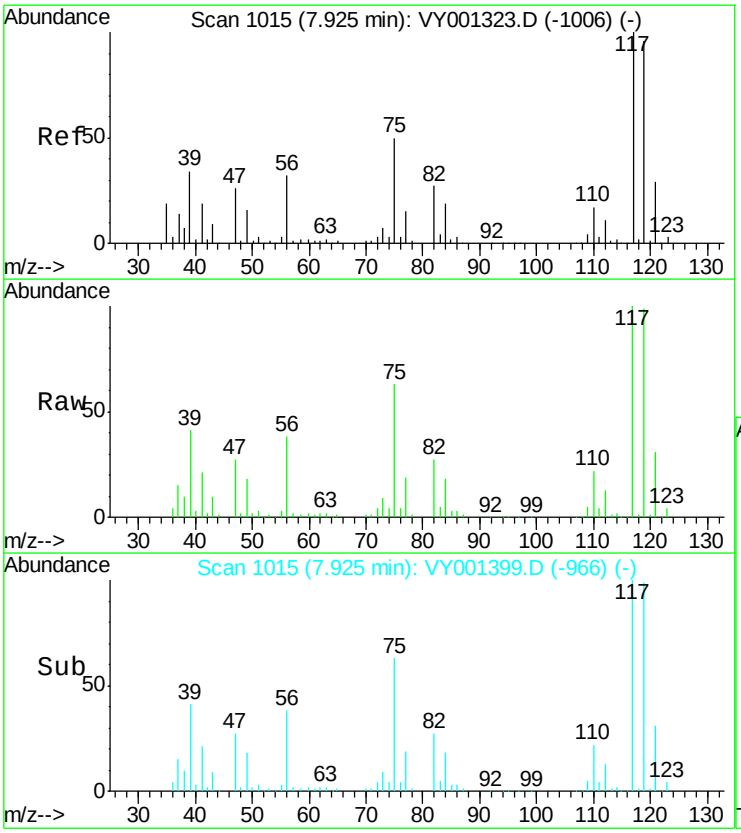

#37
Ethyl Acetate
Concen: 51.07 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 43 Resp: 103679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.9 | 11.3 | 16.9 |
| 70 | 11.1 | 8.7 | 13.1 |

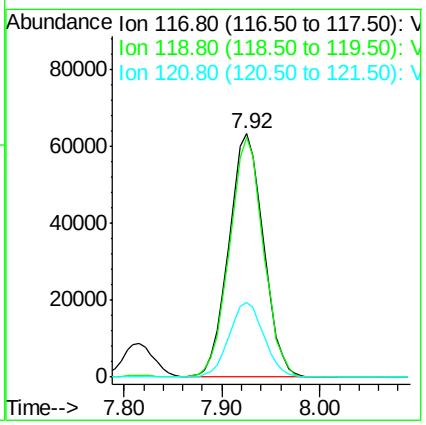


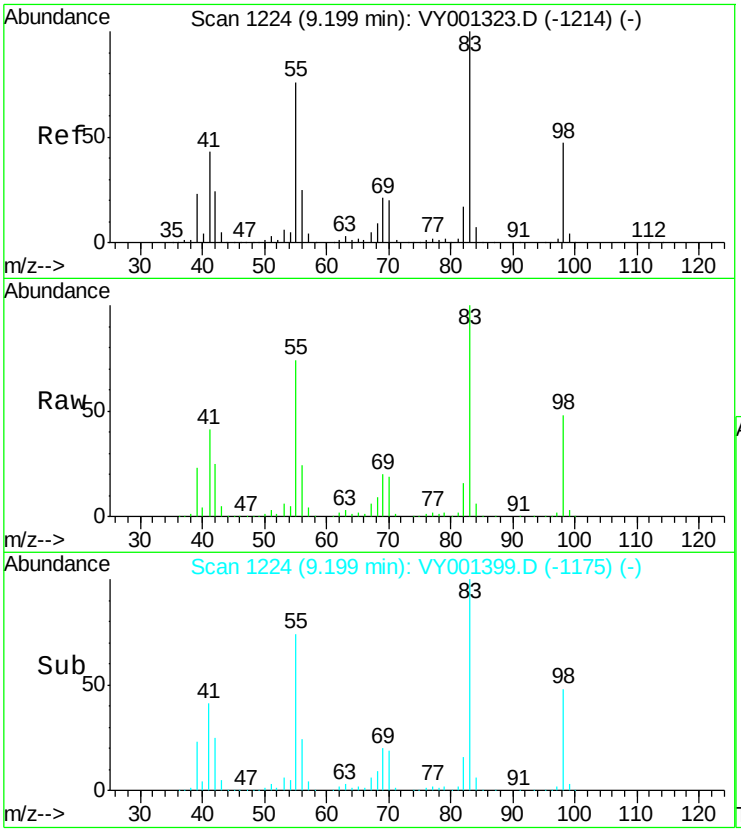




#38
Carbon Tetrachloride
Concen: 52.56 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion:117 Resp: 155646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 98.6 | 76.3 | 114.5 |
| 121 | 30.6 | 23.5 | 35.3 |



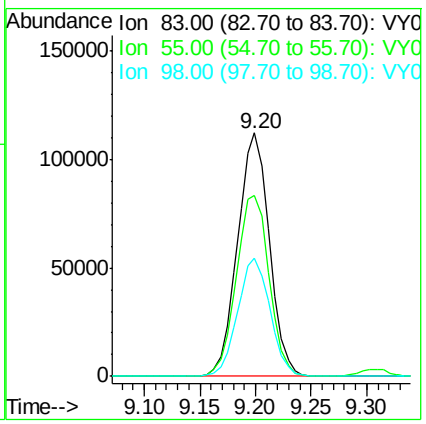


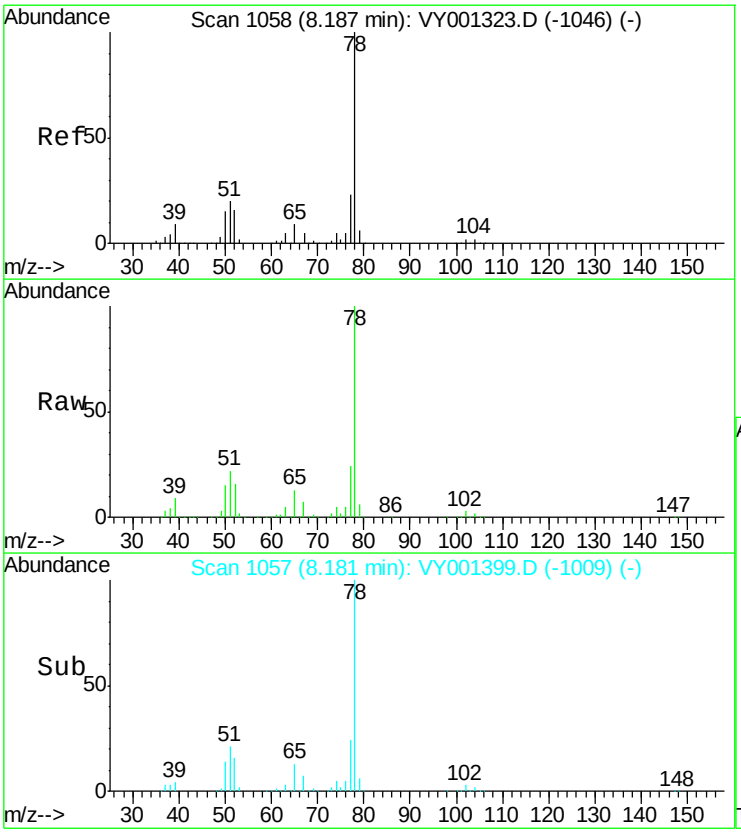

#39
Methylcyclohexane
Concen: 52.32 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 83 Resp: 222684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 74.1 | 60.7 | 91.1 |
| 98 | 48.3 | 37.8 | 56.8 |

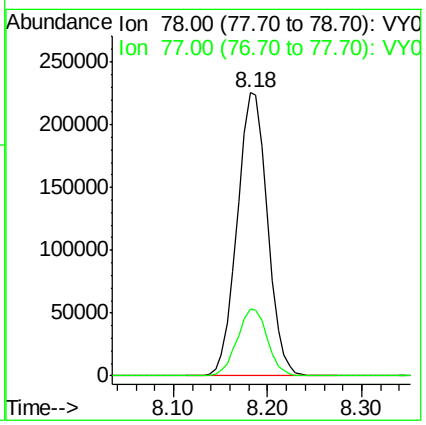


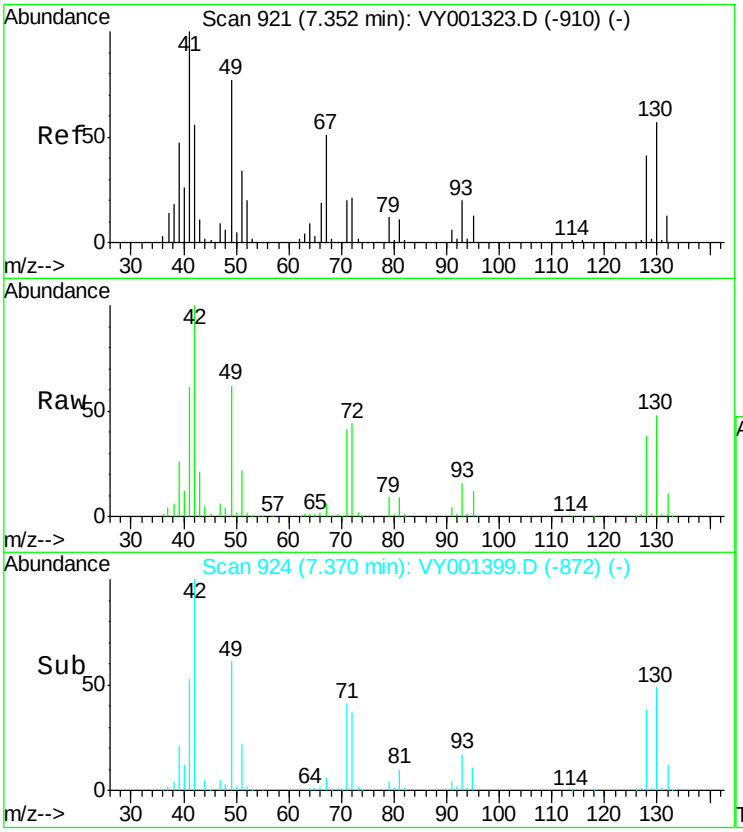




#40
Benzene
Concen: 50.79 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 78 Resp: 506033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.8 | 18.6 | 27.8 |



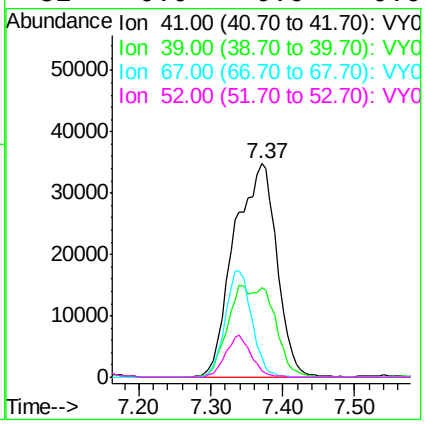


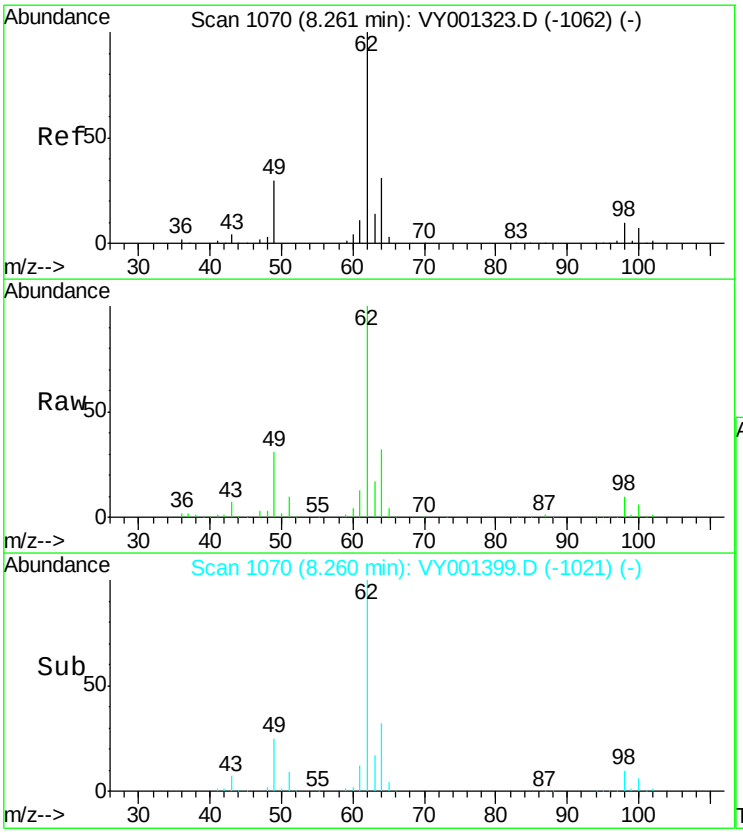

#41
Methacrylonitrile
Concen: 136.88 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.02 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 41 Resp: 143401

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

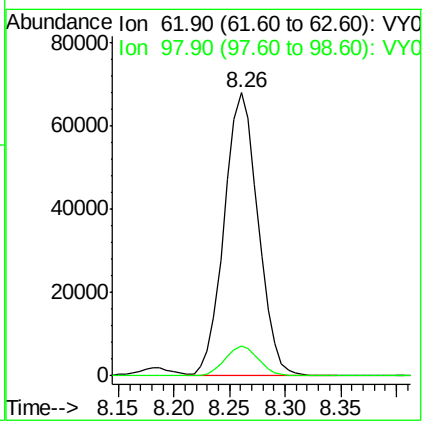


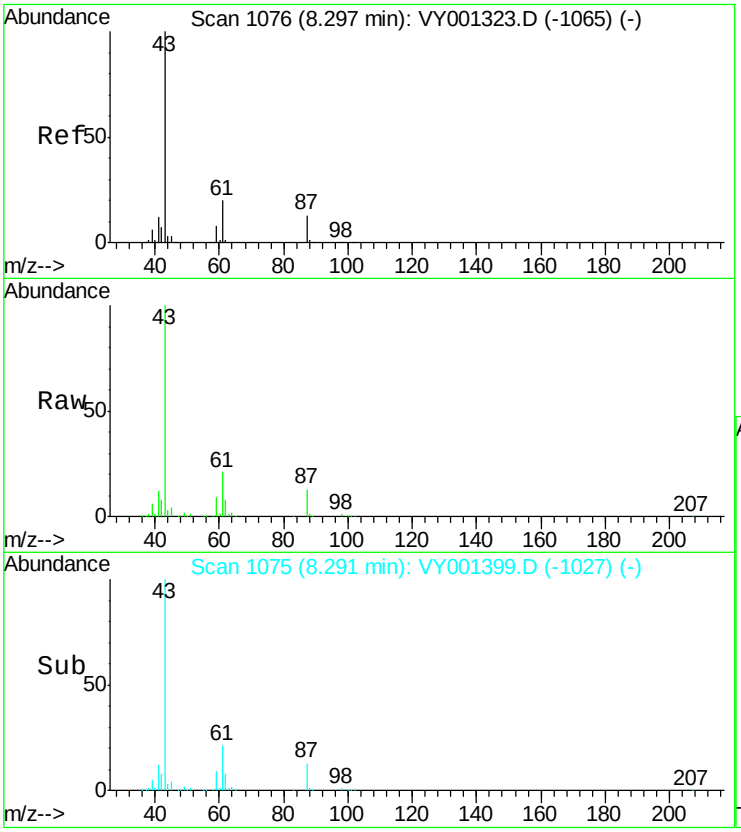




#42
1,2-Dichloroethane
Concen: 51.60 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 62 Resp: 143637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.4 | 0.0 | 20.8 |



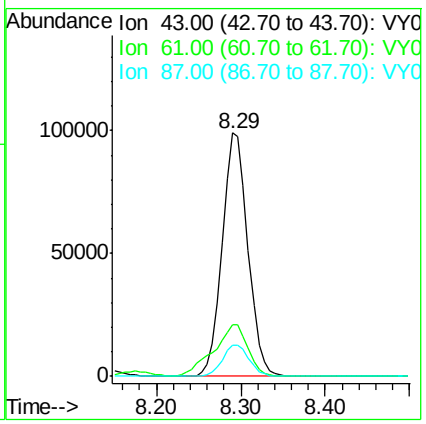


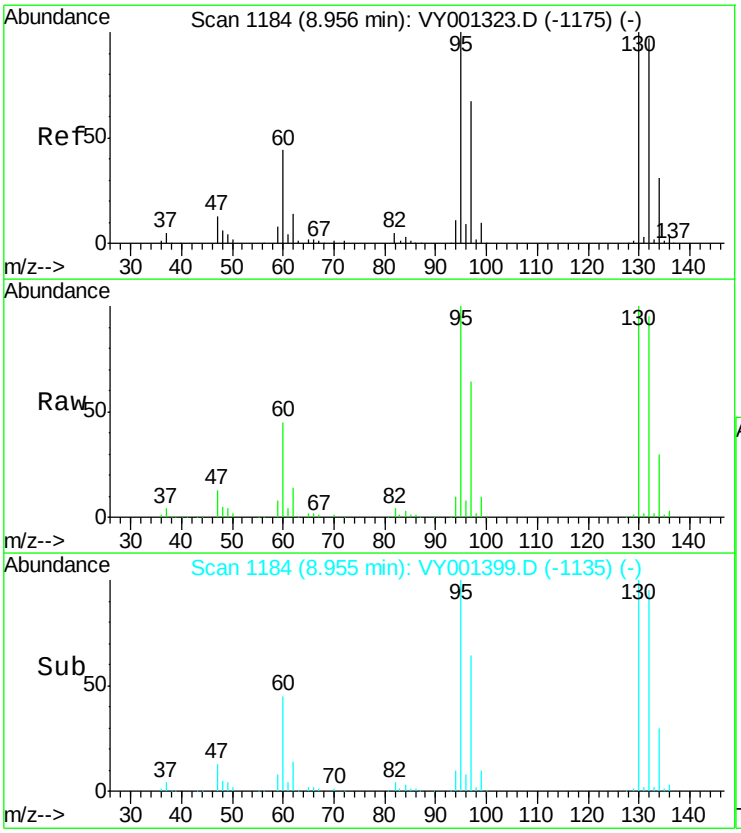

#43
Isopropyl Acetate
Concen: 52.36 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 206689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 28.6 | 22.7 | 34.1 |
| 87 | 13.2 | 11.0 | 16.4 |

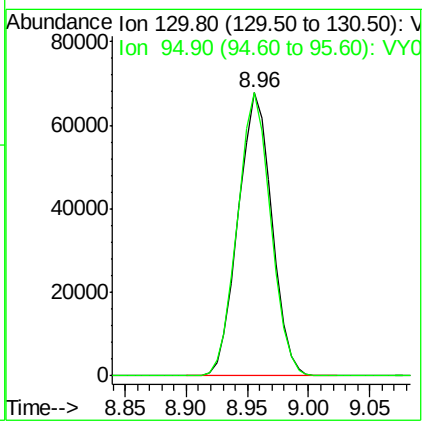


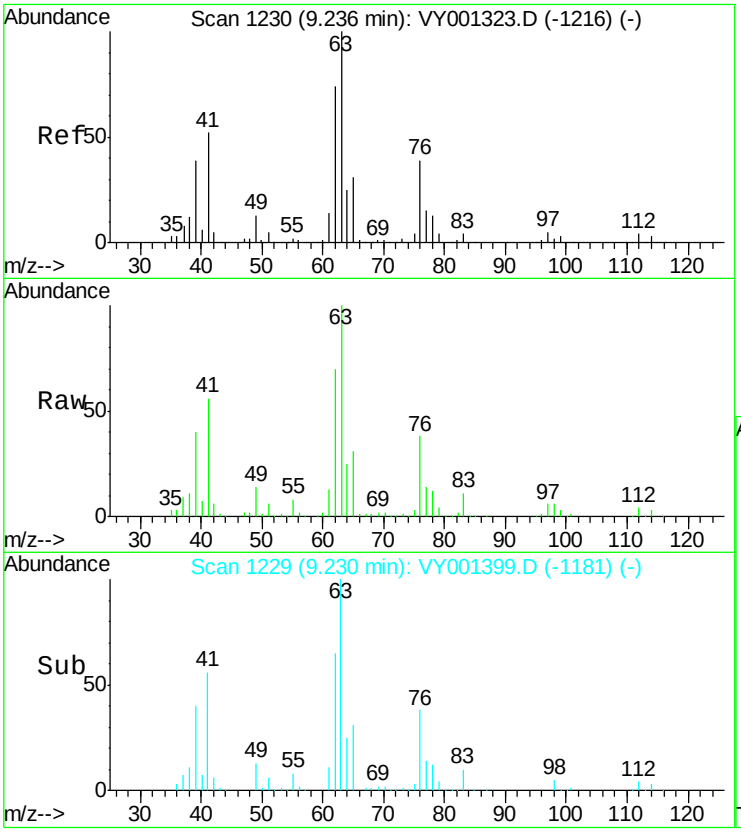




#44
Trichloroethene
Concen: 50.90 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion:130 Resp: 130125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 100.0 | 0.0 | 200.0 |



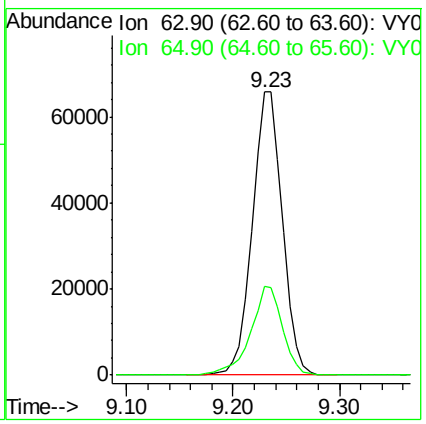


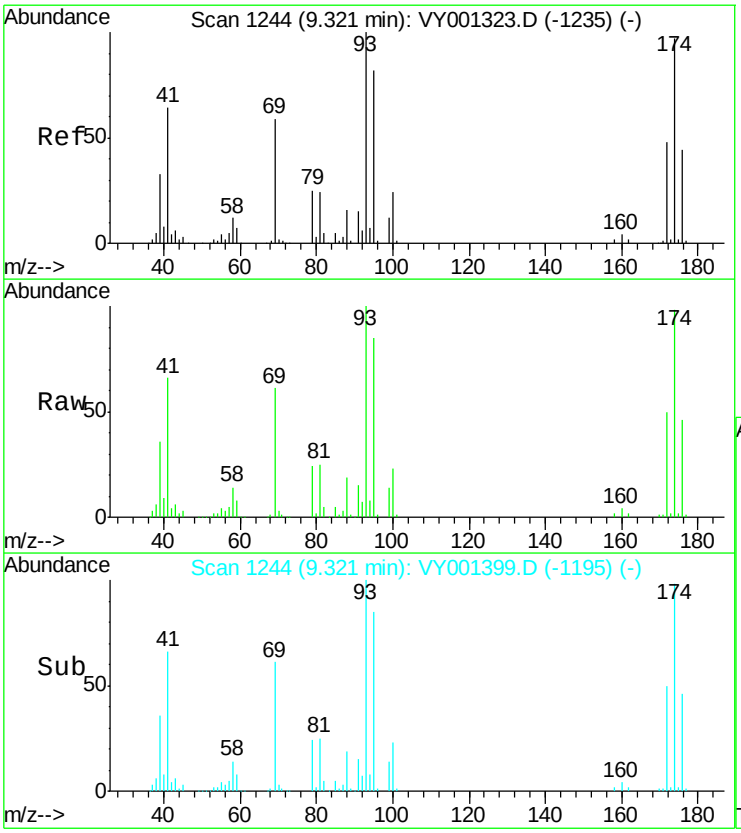

#45
1,2-Dichloropropane
Concen: 51.60 ug/l
RT: 9.23 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 63 Resp: 129967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.4 | 24.9 | 37.3 |

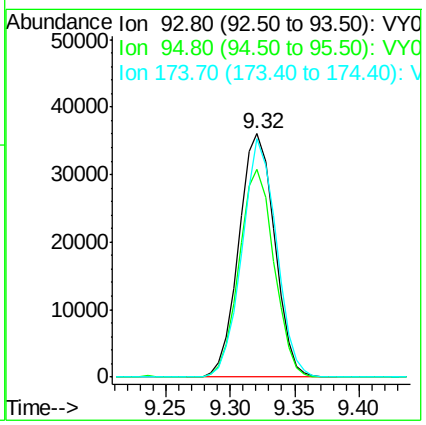


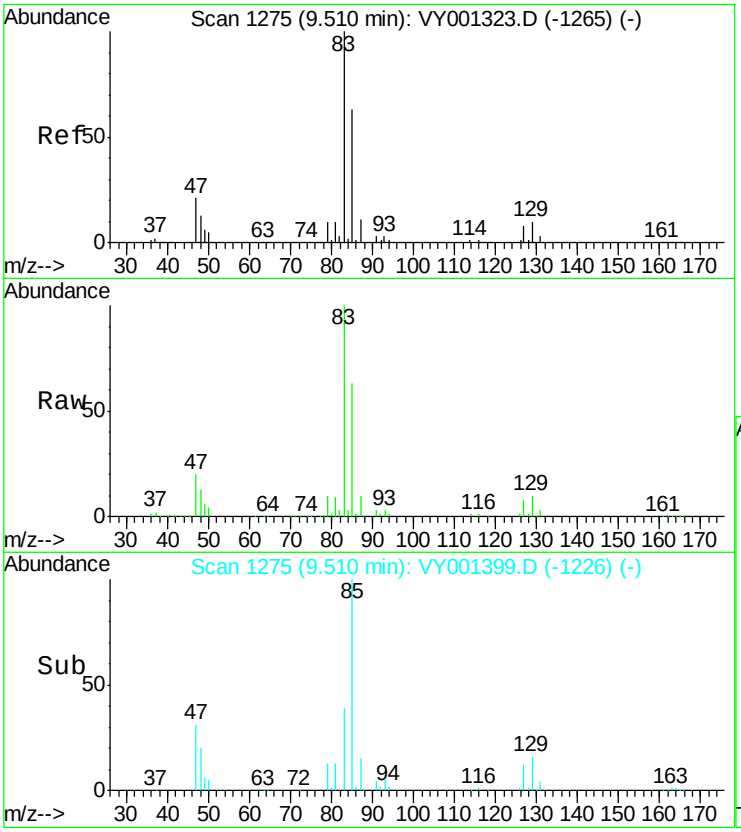




#46
Dibromomethane
Concen: 51.17 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 93 Resp: 69193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.1 | 66.5 | 99.7 |
| 174 | 93.6 | 77.9 | 116.9 |



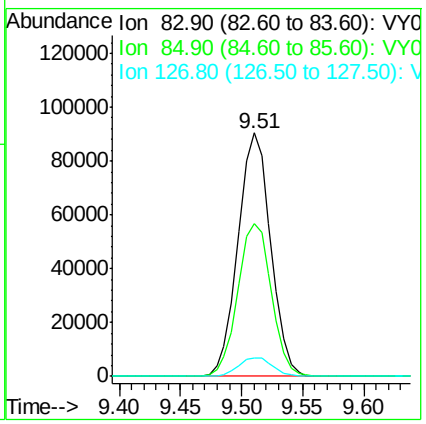


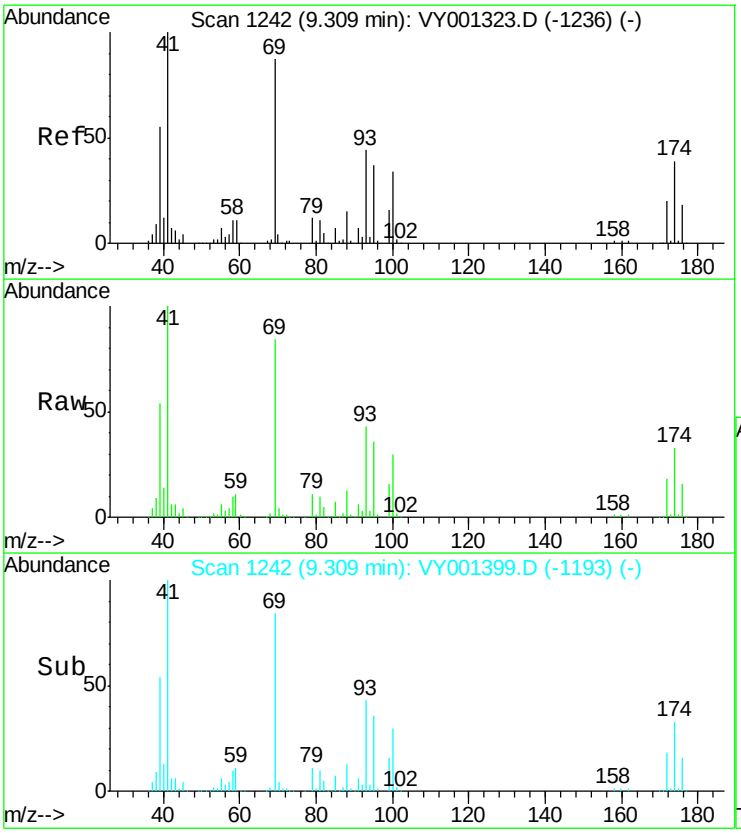

#47
Bromodichloromethane
Concen: 51.79 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 83 Resp: 167408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.8 | 50.2 | 75.2 |
| 127 | 7.6 | 6.4 | 9.6 |

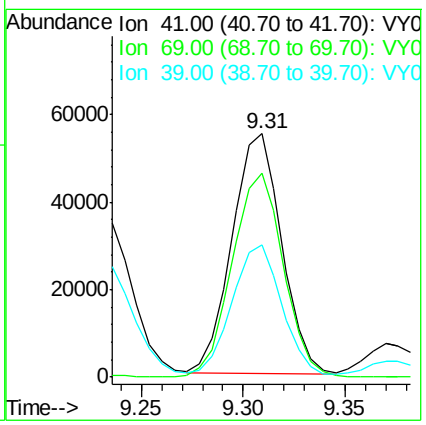


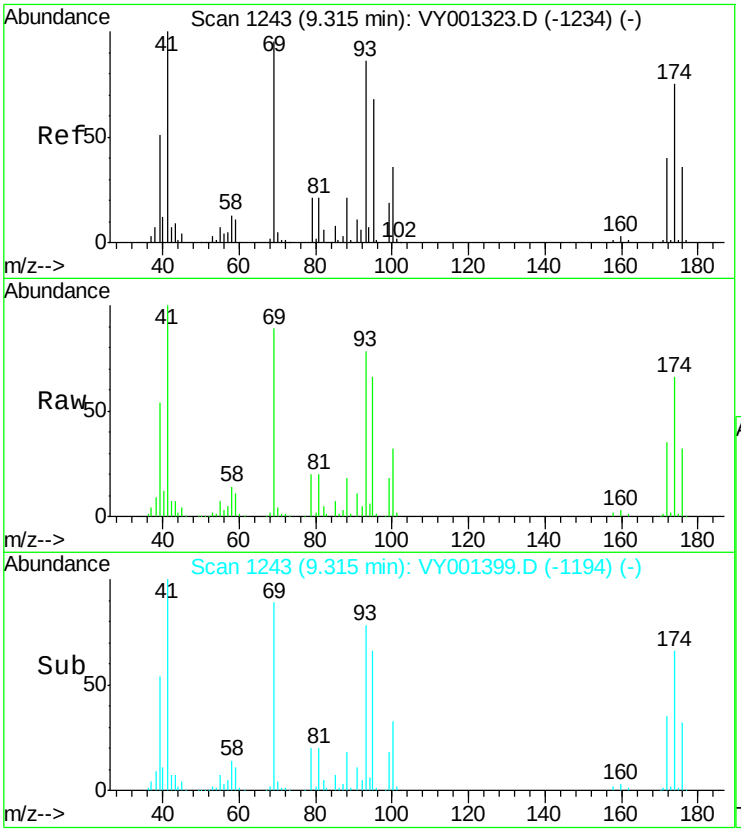




#48
Methyl methacrylate
Concen: 51.67 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 41 Resp: 92727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 87.9 | 70.2 | 105.4 |
| 39 | 53.4 | 45.7 | 68.5 |



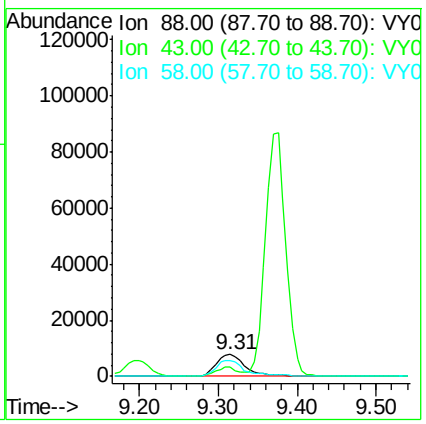


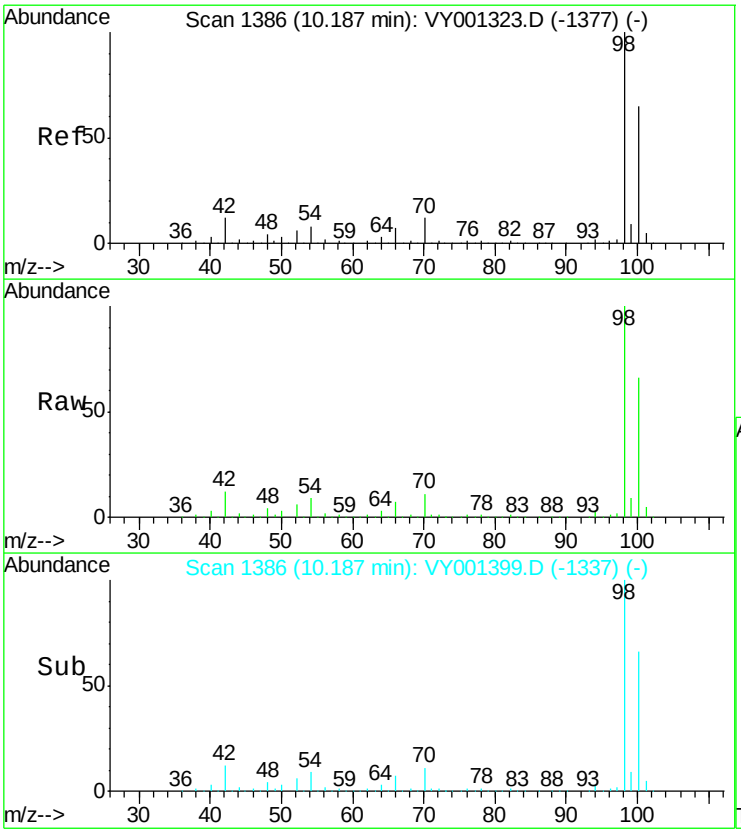

#49
1,4-Dioxane
Concen: 1059.66 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 88 Resp: 20205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 32.4 | 28.2 | 42.2 |
| 58 | 74.4 | 55.6 | 83.4 |

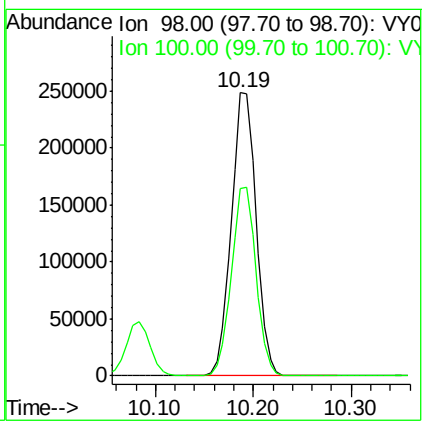


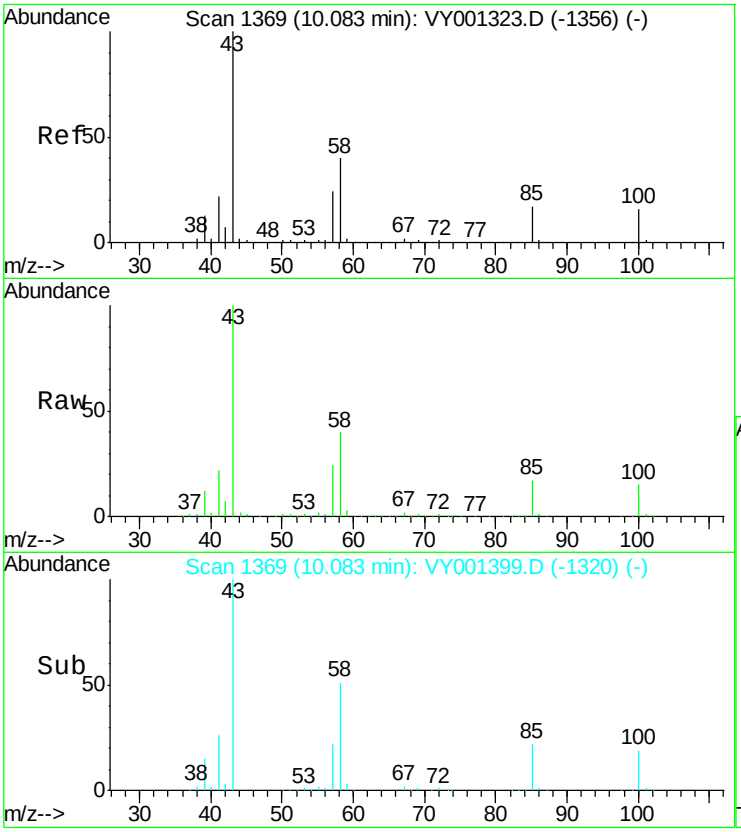




#50
Toluene-d8
Concen: 54.57 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 98 Resp: 437616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.2 | 52.6 | 79.0 |



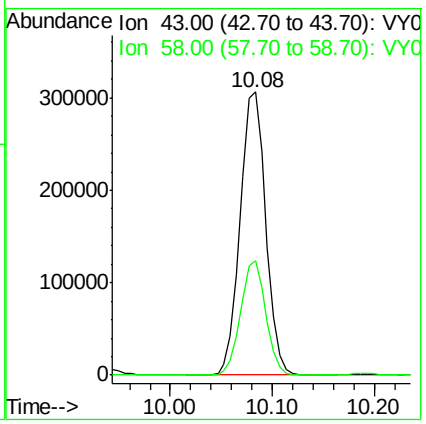


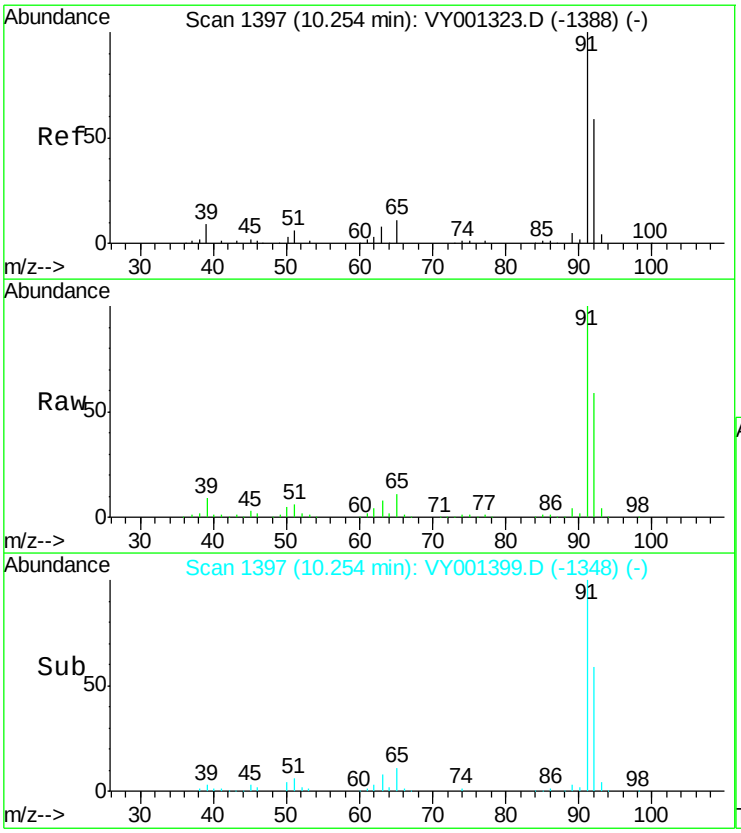

#51
4-Methyl-2-Pentanone
Concen: 263.11 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 534870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.6 | 31.5 | 47.3 |

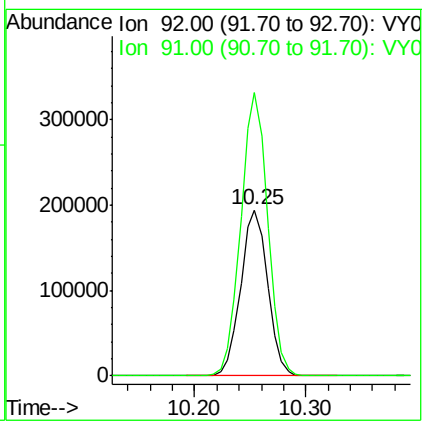


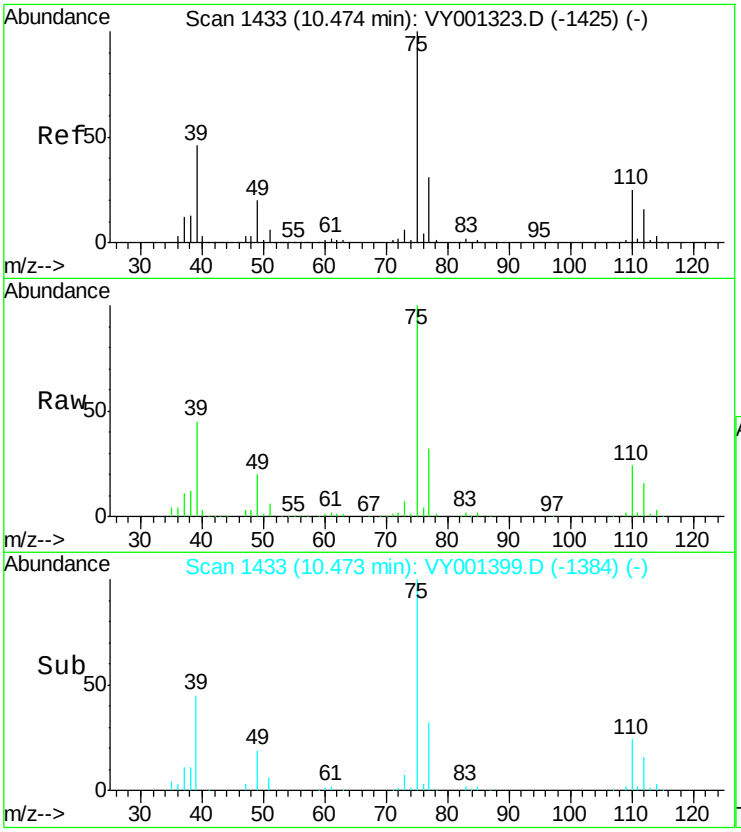




#52
Toluene
Concen: 51.68 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 92 Resp: 326403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 169.7 | 136.4 | 204.6 |



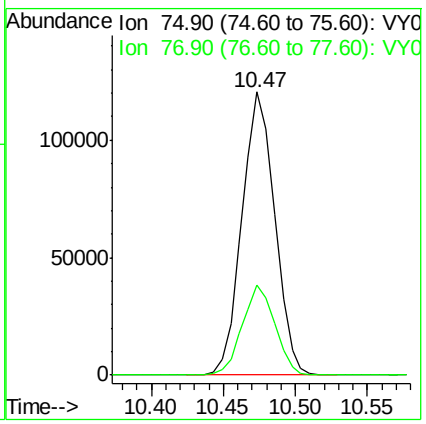


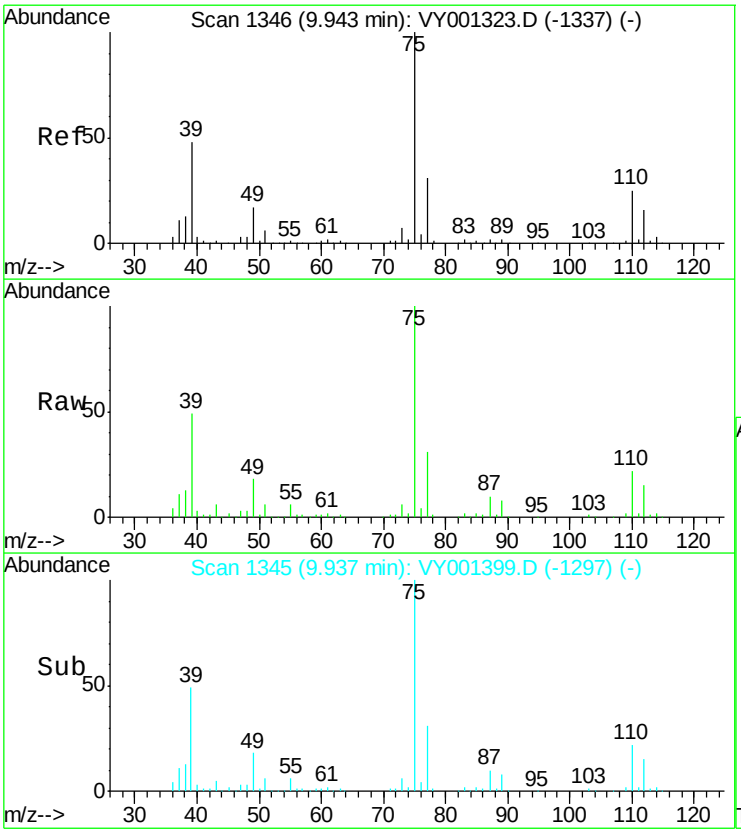

#53
t-1,3-Dichloropropene
Concen: 53.07 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 75 Resp: 190136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.0 | 25.2 | 37.8 |

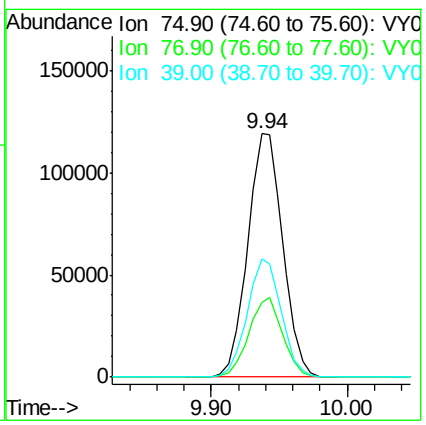


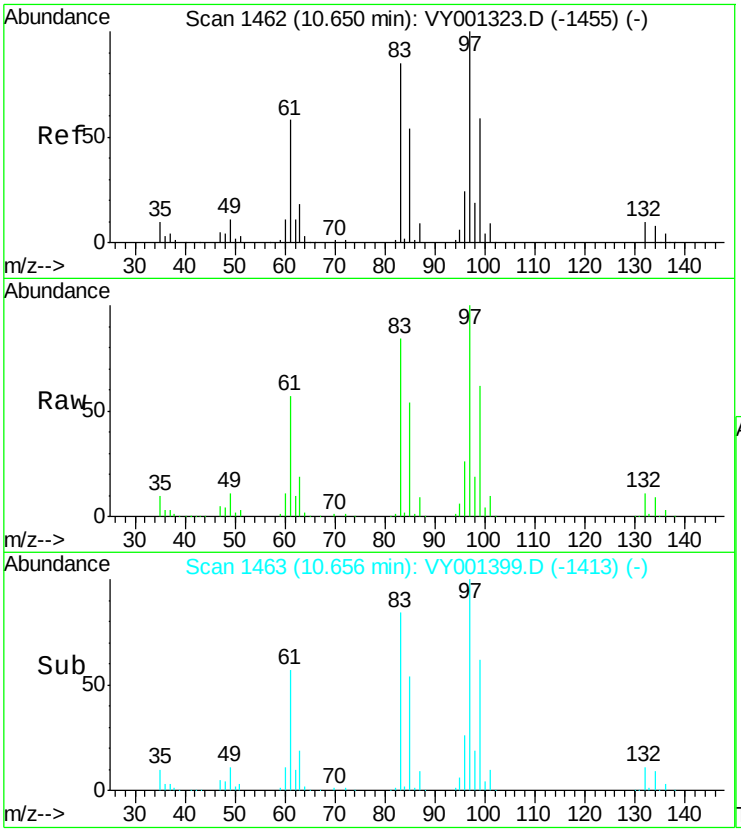




#54
cis-1,3-Dichloropropene
Concen: 52.22 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 75 Resp: 214750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.8 | 25.0 | 37.6 |
| 39 | 48.5 | 38.2 | 57.4 |



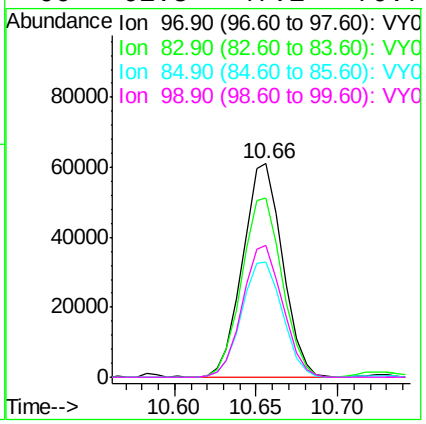


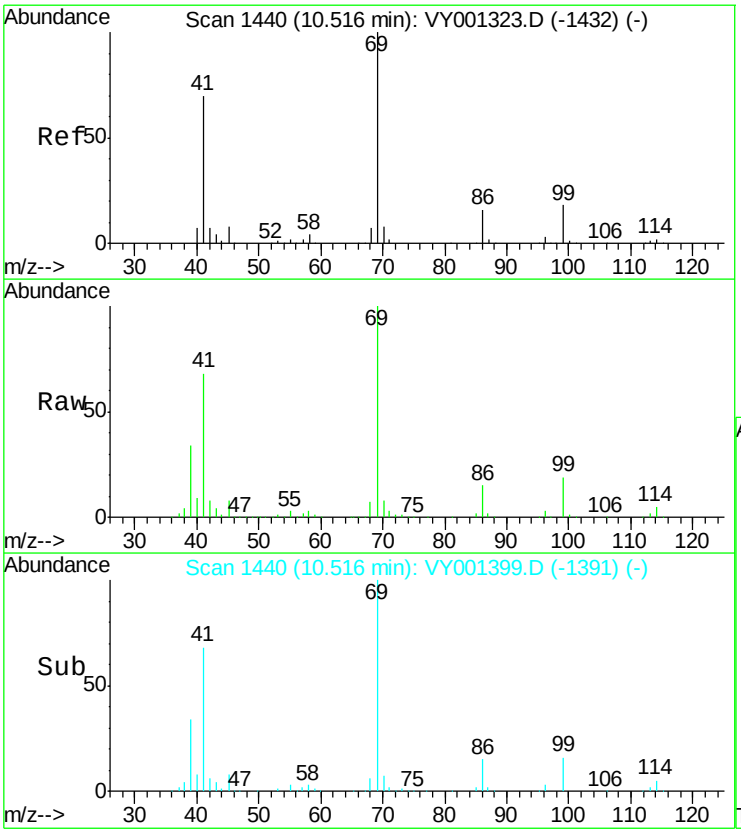

#55
1,1,2-Trichloroethane
Concen: 51.72 ug/l
RT: 10.66 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 97 Resp: 103226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 84.2 | 68.0 | 102.0 |
| 85 | 54.1 | 43.6 | 65.4 |
| 99 | 61.8 | 47.1 | 70.7 |

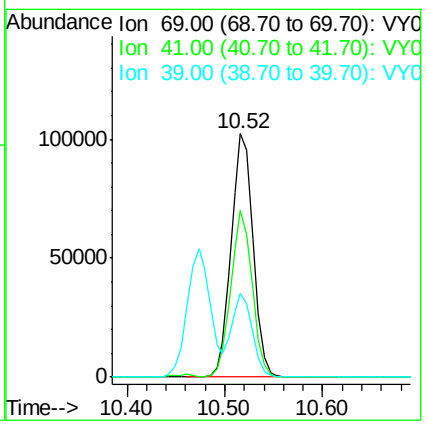


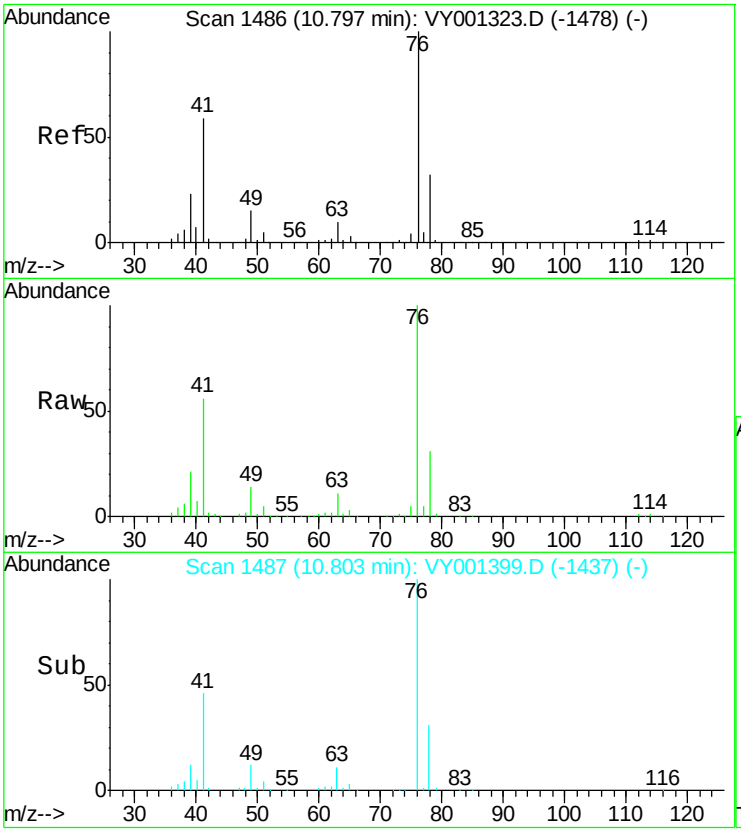




#56
Ethyl methacrylate
Concen: 52.58 ug/l
RT: 10.52 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 69 Resp: 158599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 66.4 | 54.1 | 81.1 |
| 39 | 32.5 | 26.8 | 40.2 |



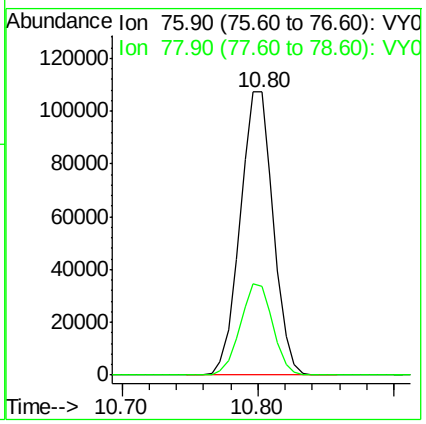


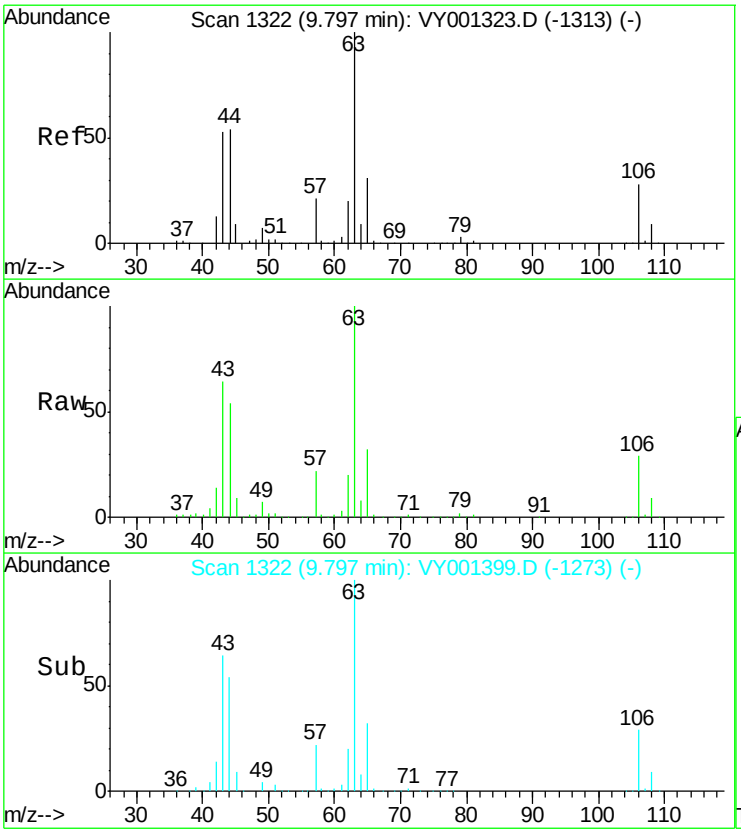

#57
1,3-Dichloropropane
Concen: 52.54 ug/l
RT: 10.80 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 76 Resp: 182665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.7 | 25.8 | 38.8 |

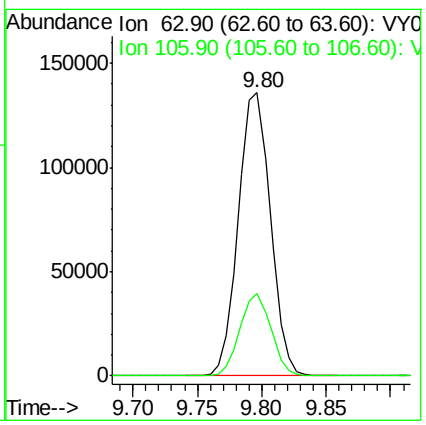


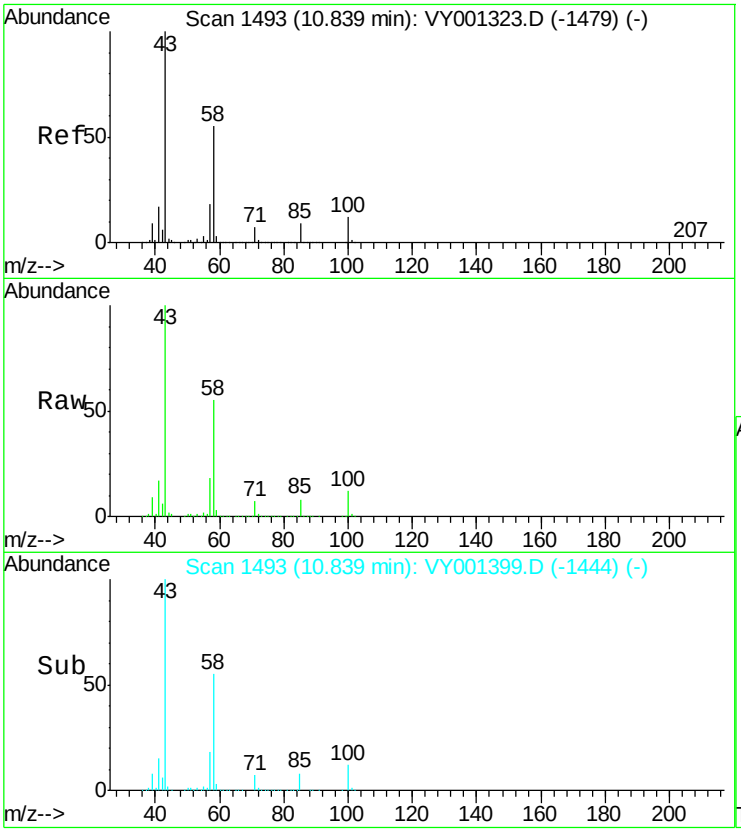




#58
2-Chloroethyl Vinyl ether
Concen: 224.48 ug/l
RT: 9.80 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 63 Resp: 234305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 28.1 | 22.5 | 33.7 |



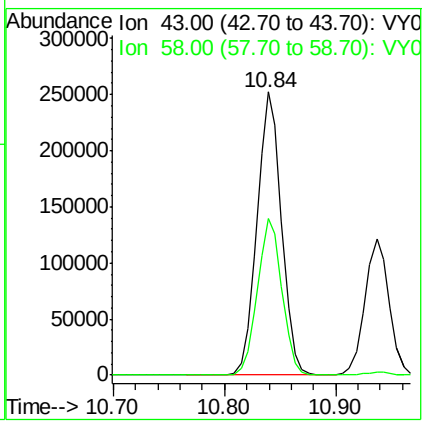


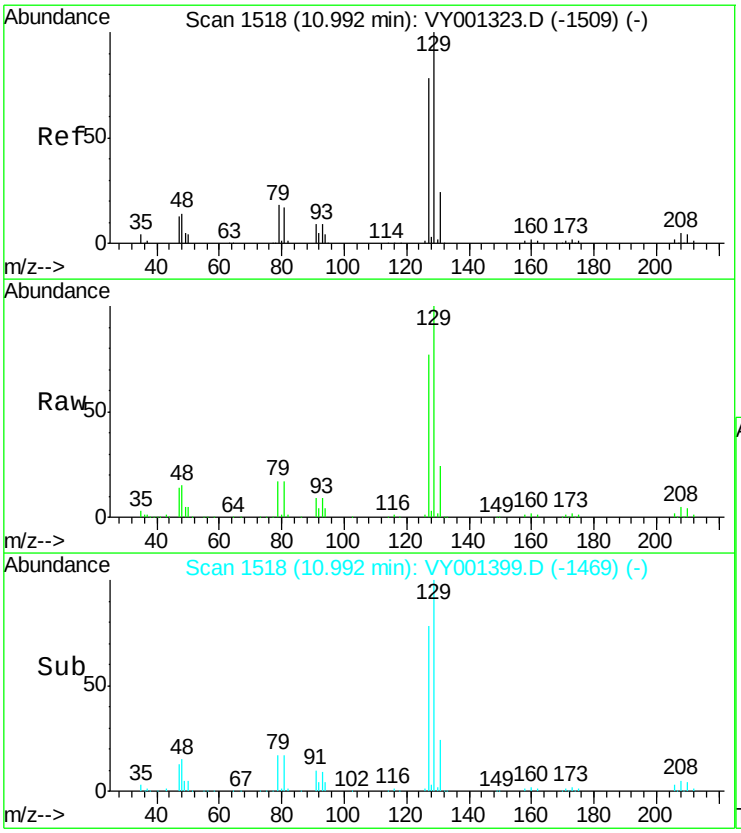

#59
2-Hexanone
Concen: 273.32 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 43 Resp: 386821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.6 | 27.6 | 82.8 |

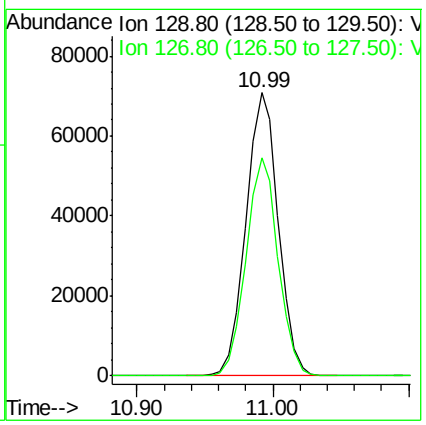


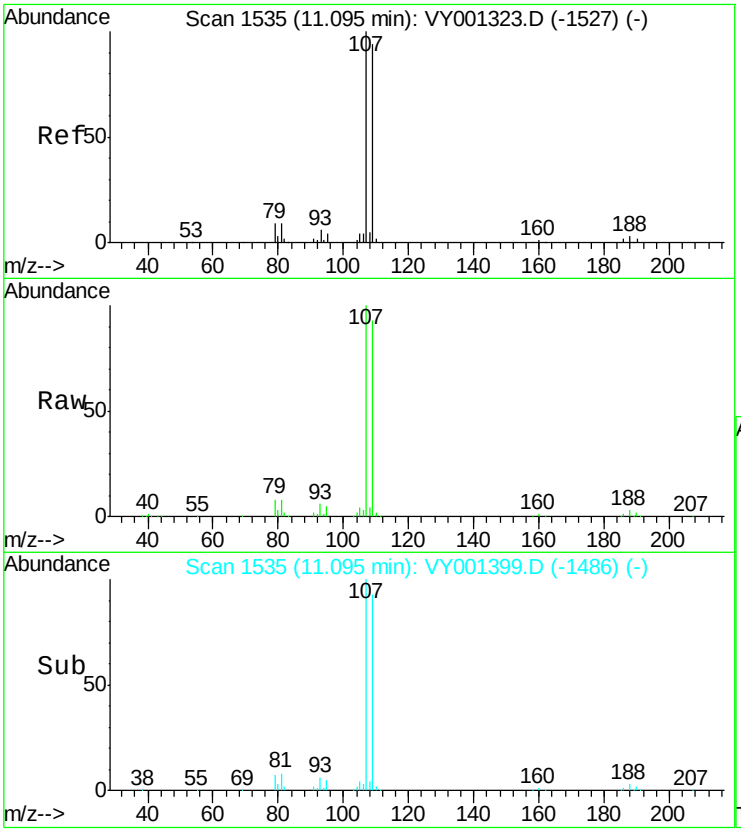




#60
Dibromochloromethane
Concen: 52.72 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion:129 Resp: 117671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.7 | 38.8 | 116.4 |



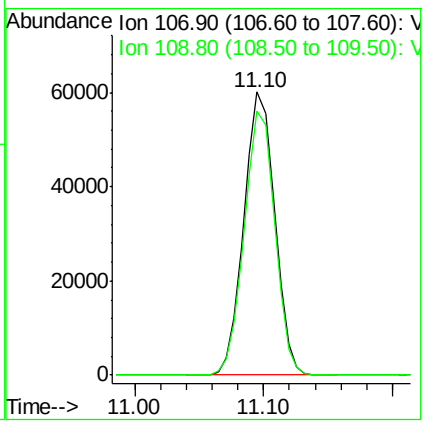


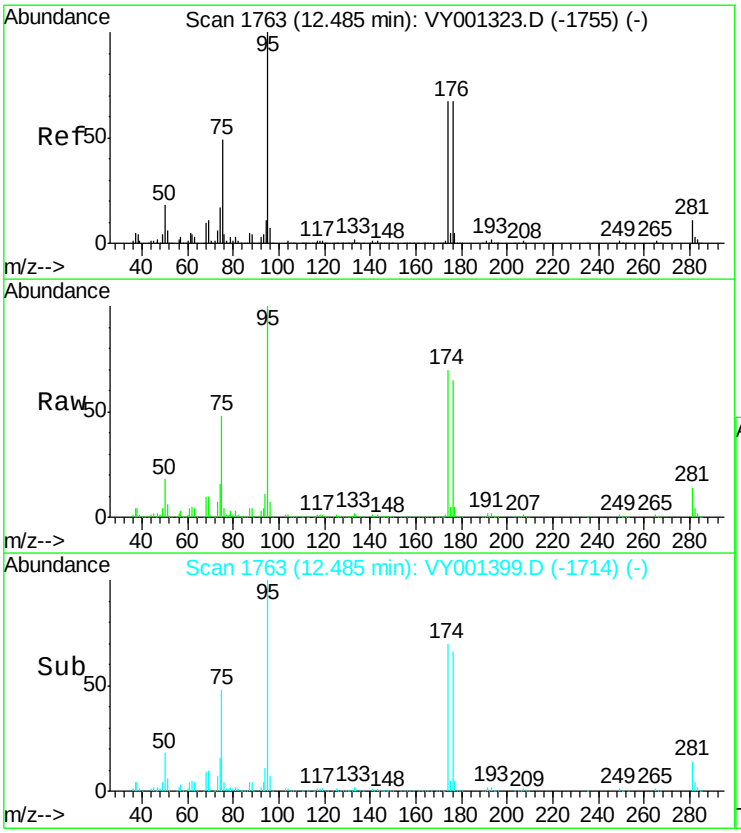

#61
1,2-Dibromoethane
Concen: 52.74 ug/l
RT: 11.10 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion:107 Resp: 99495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 92.7 | 75.0 | 112.6 |

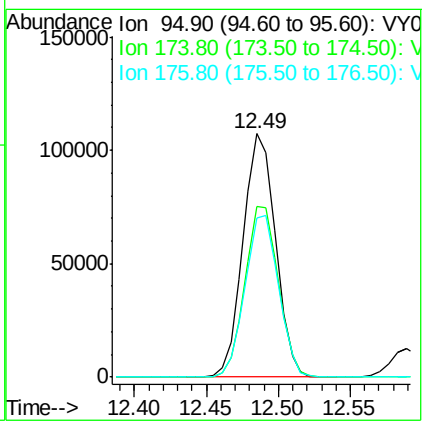


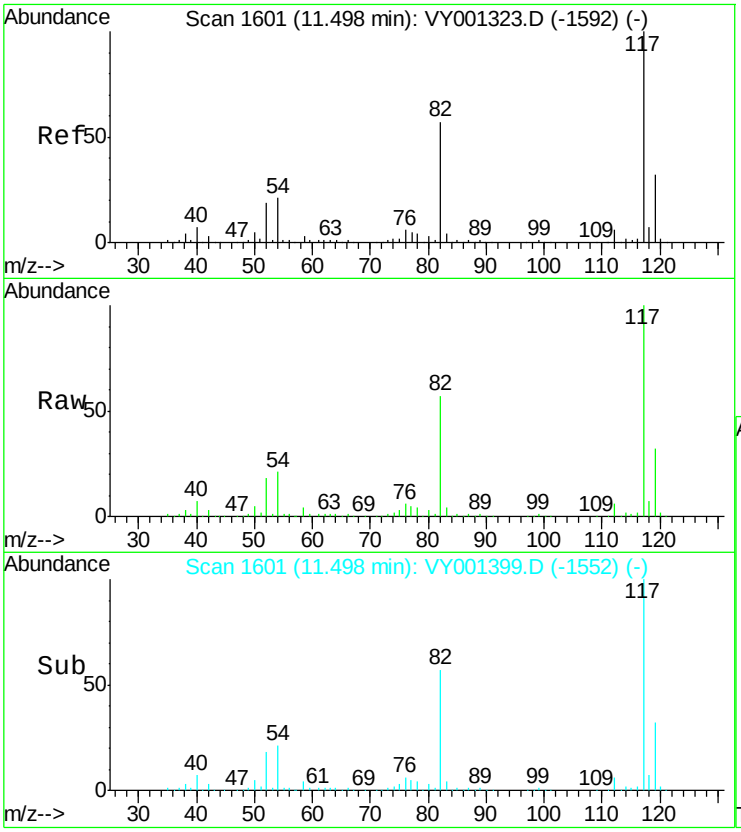




#62
4-Bromofluorobenzene
Concen: 52.35 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 95 Resp: 167184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 71.7 | 0.0 | 142.0 |
| 176 | 68.3 | 0.0 | 138.6 |



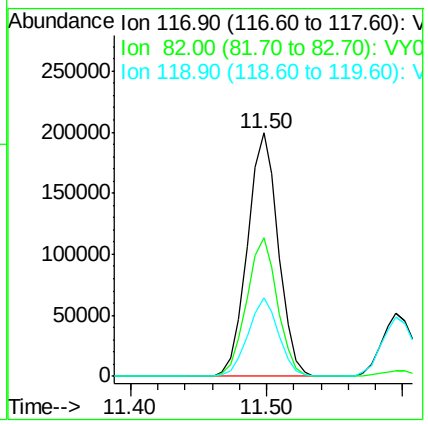


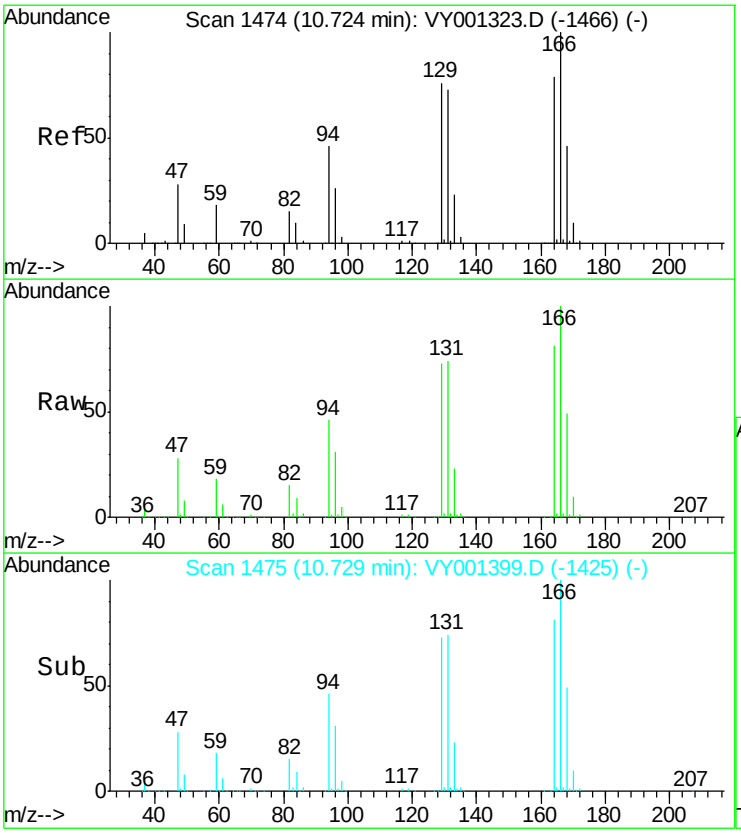

#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion:117 Resp: 316000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.1 | 45.5 | 68.3 |
| 119 | 32.3 | 25.8 | 38.6 |

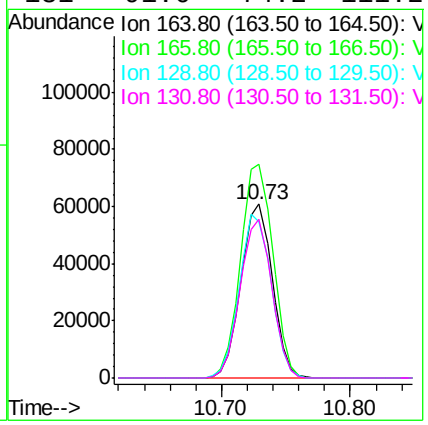


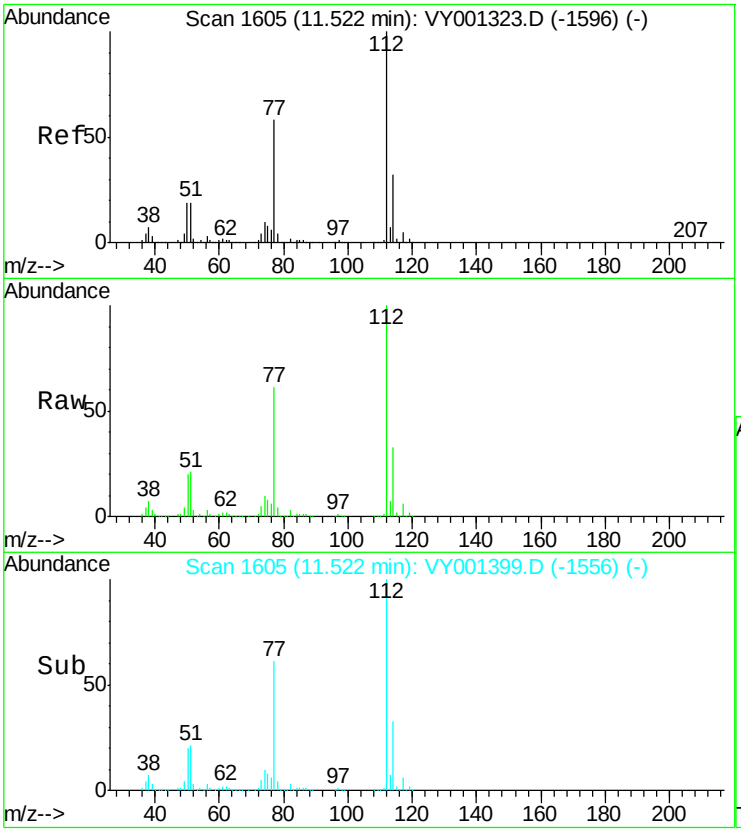




#64
Tetrachloroethene
Concen: 50.76 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion:164 Resp: 102451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 123.0 | 101.8 | 152.8 |
| 129 | 89.9 | 77.1 | 115.7 |
| 131 | 91.6 | 74.2 | 111.2 |



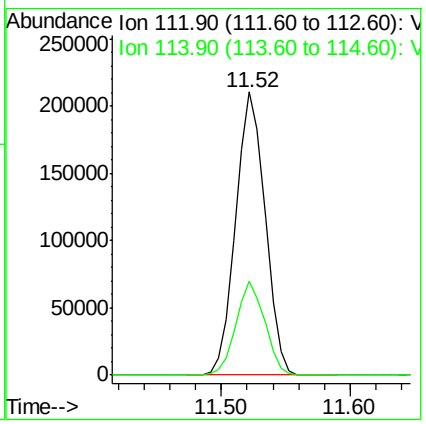


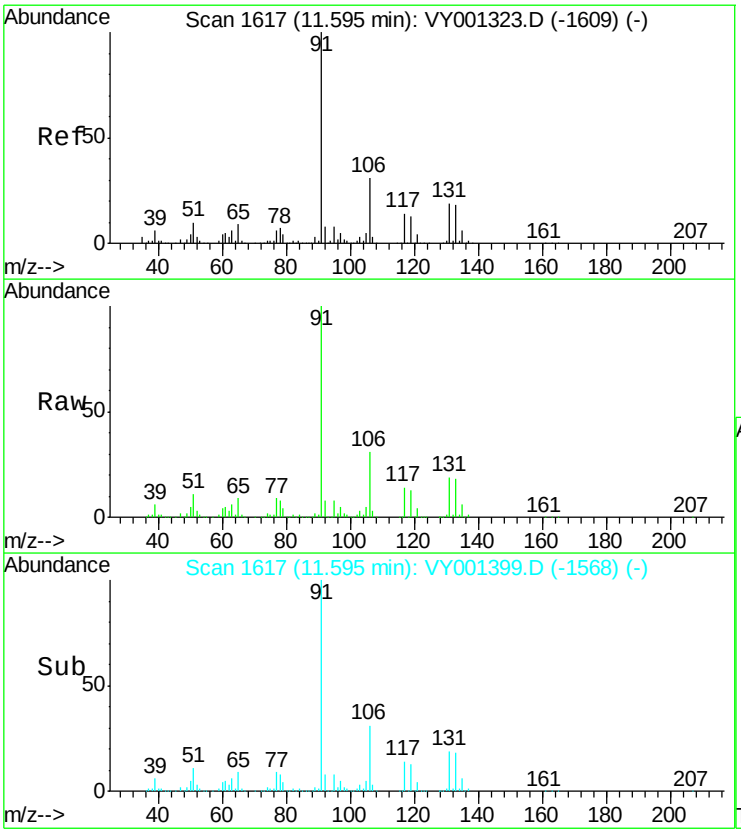

#65
Chlorobenzene
Concen: 50.00 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:112 Resp: 333051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 33.4 | 25.8 | 38.6 |

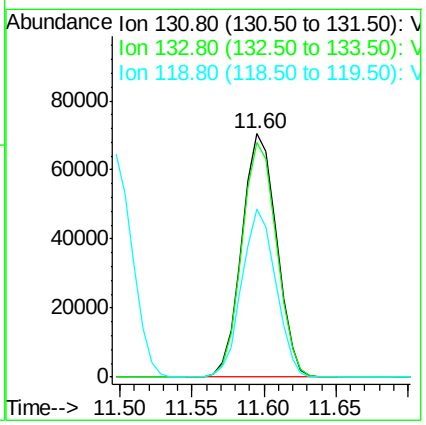


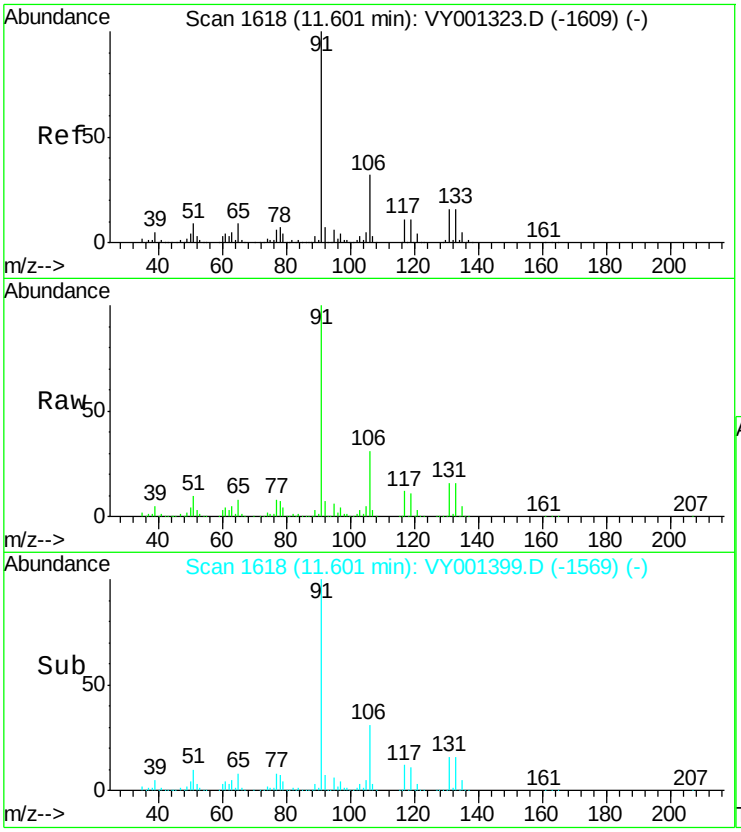




#66
1,1,1,2-Tetrachloroethane
Concen: 51.84 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion:131 Resp: 117833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.0 | 47.1 | 141.3 |
| 119 | 67.4 | 34.1 | 102.2 |



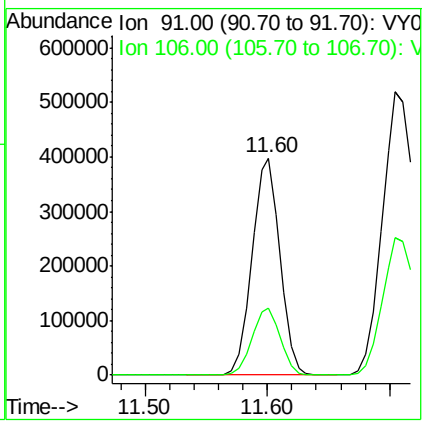


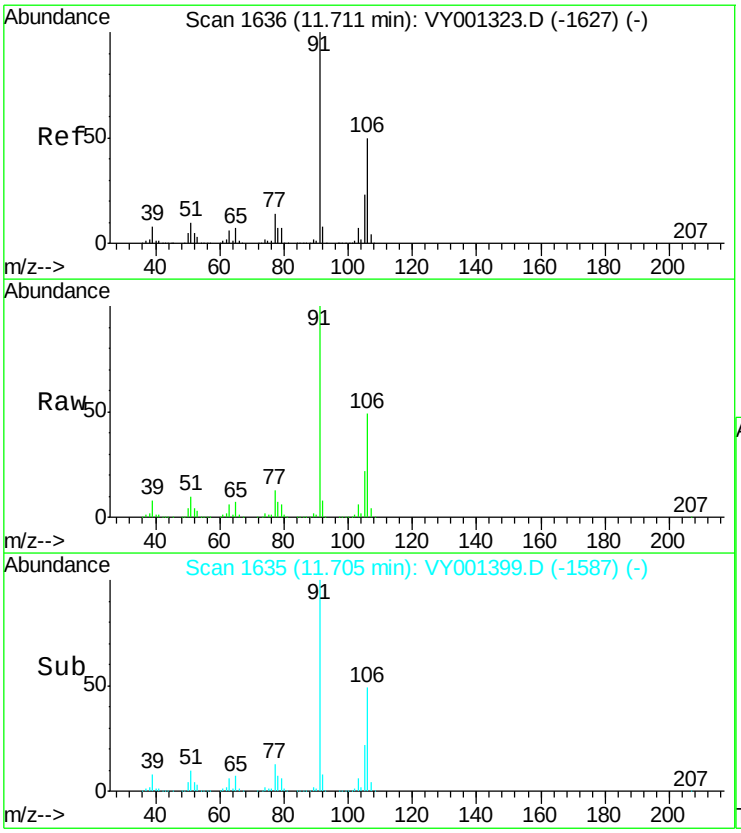

#67
Ethyl Benzene
Concen: 51.33 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 91 Resp: 630058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.0 | 25.4 | 38.0 |

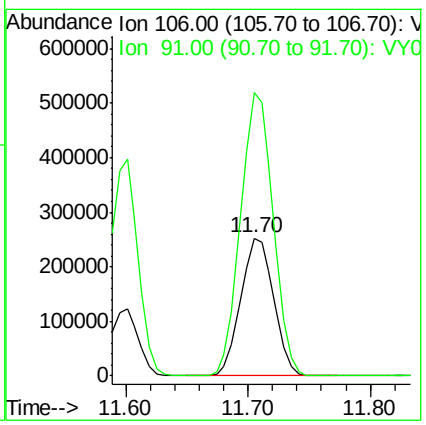


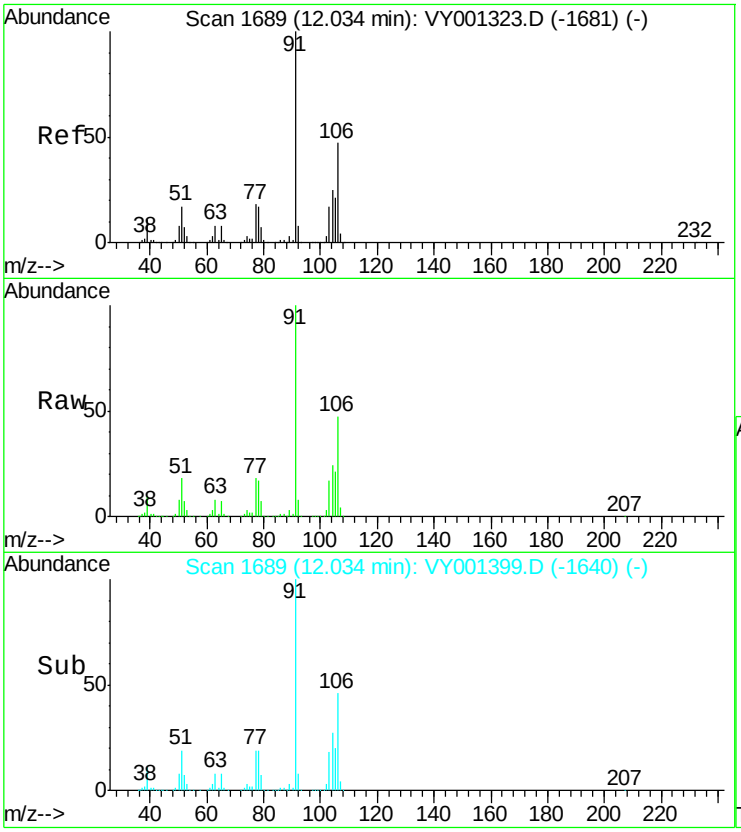




#68
m/p-Xylenes
Concen: 102.90 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion:106 Resp: 471768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 203.9 | 162.8 | 244.2 |



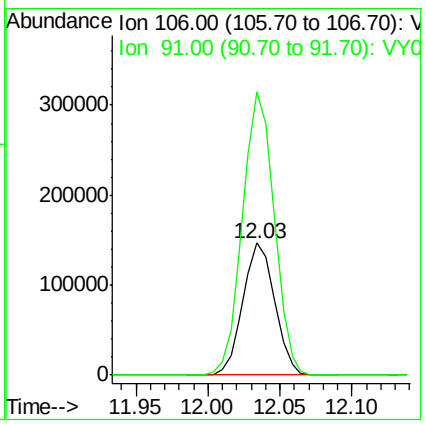


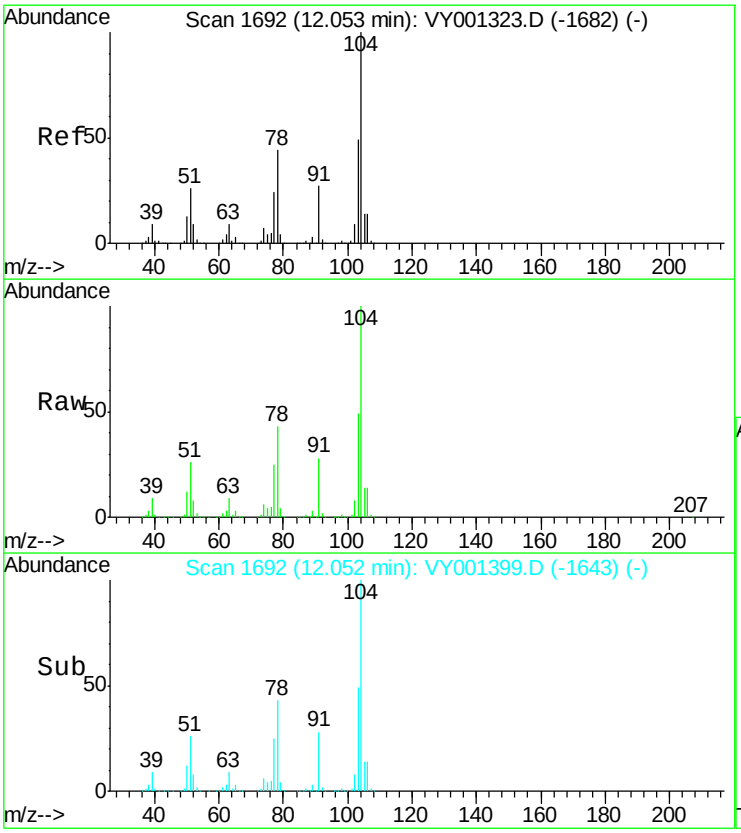

#69
o-Xylene
Concen: 50.78 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:106 Resp: 223973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 214.2 | 106.3 | 319.0 |

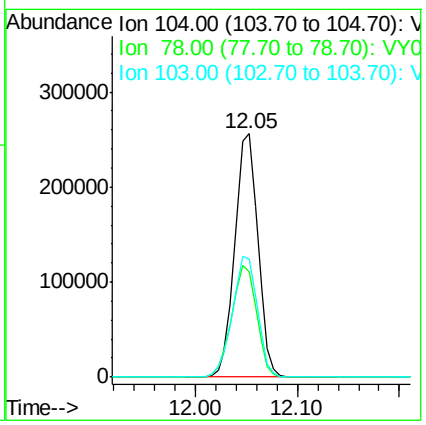


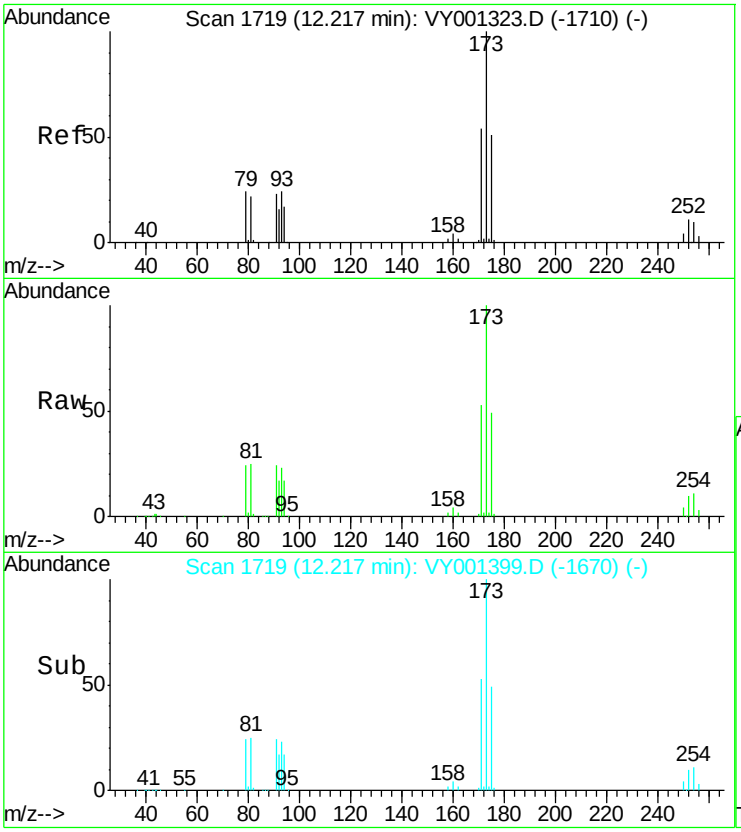




#70
Styrene
Concen: 51.59 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion:104 Resp: 399201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 49.8 | 39.8 | 59.8 |
| 103 | 53.7 | 43.2 | 64.8 |



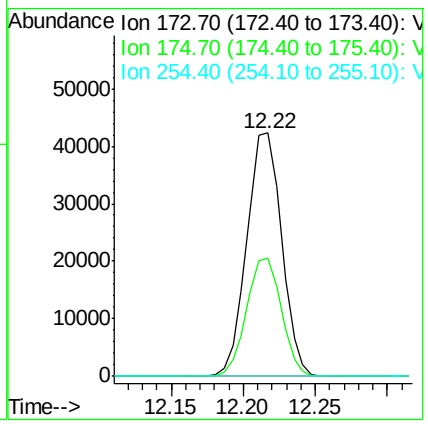


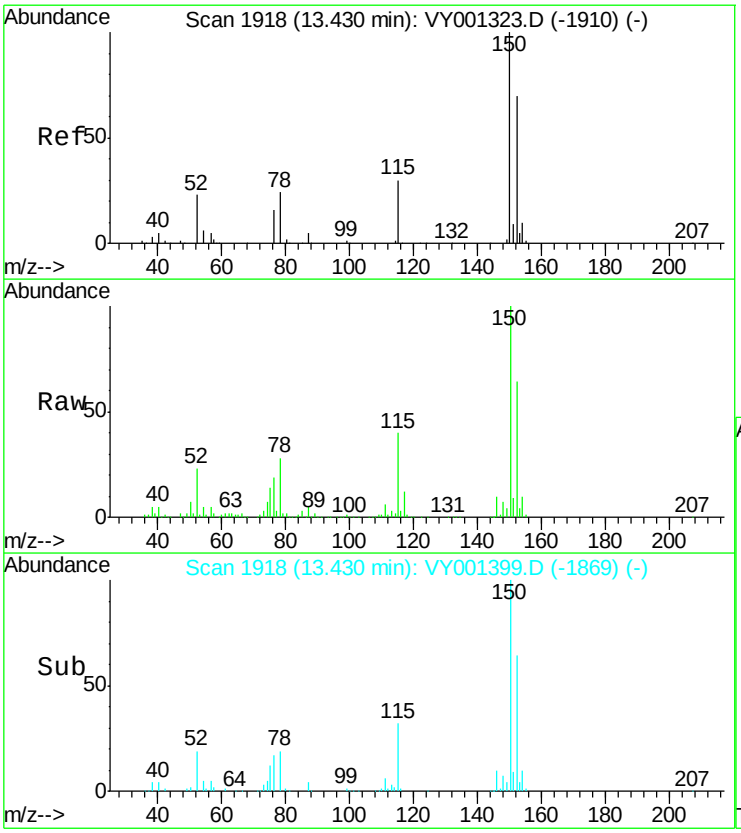

#71
Bromoform
Concen: 52.11 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:173 Resp: 70709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.4 | 24.3 | 72.9 |
| 254 | 0.0 | 0.0 | 0.0 |

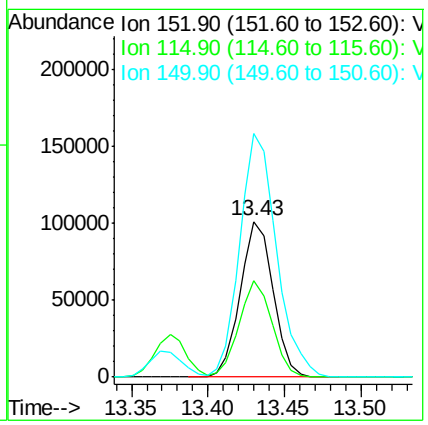


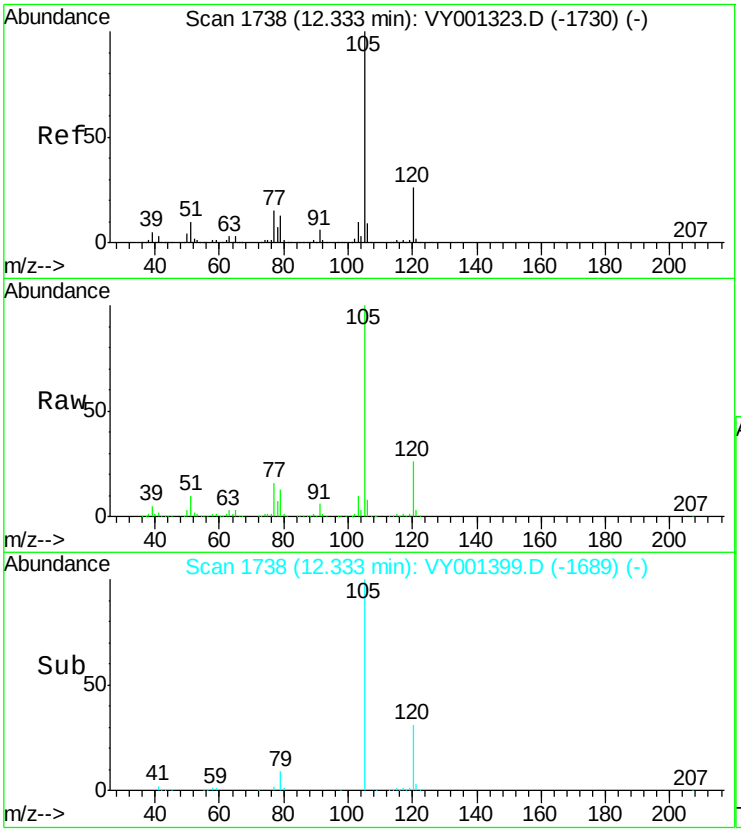




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion:152 Resp: 150502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 61.8 | 30.9 | 92.8 |
| 150 | 174.8 | 0.0 | 349.2 |



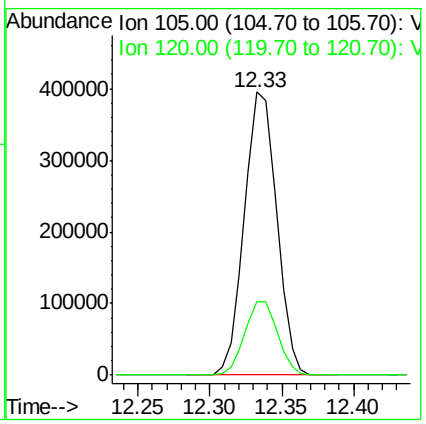


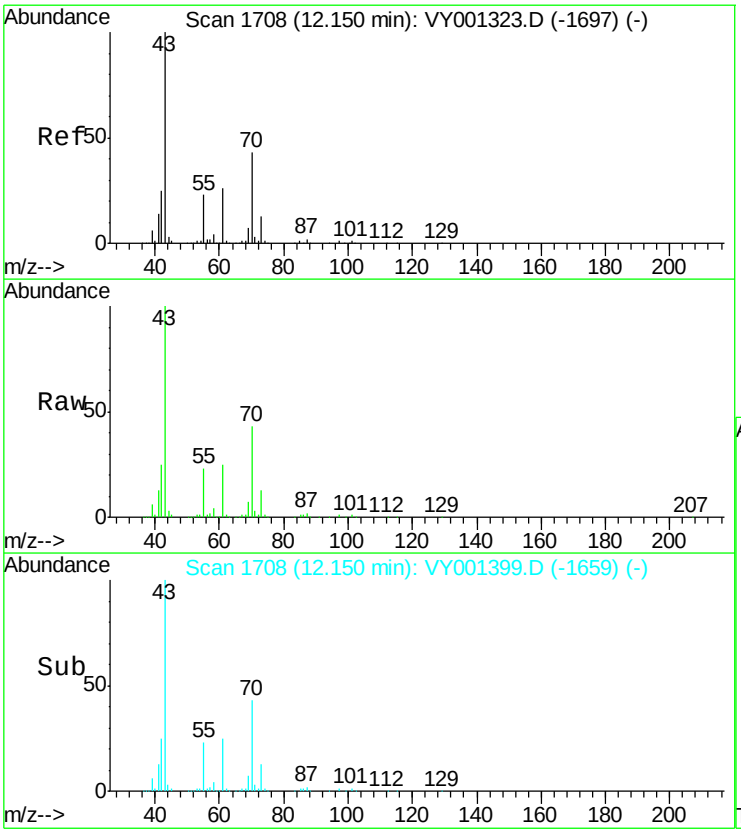

#73
Isopropylbenzene
Concen: 51.77 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion:105 Resp: 614775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.3 | 13.5 | 40.4 |

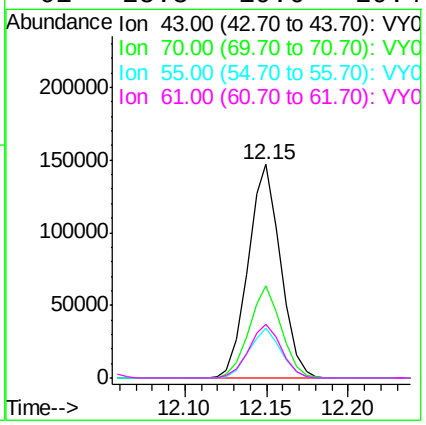


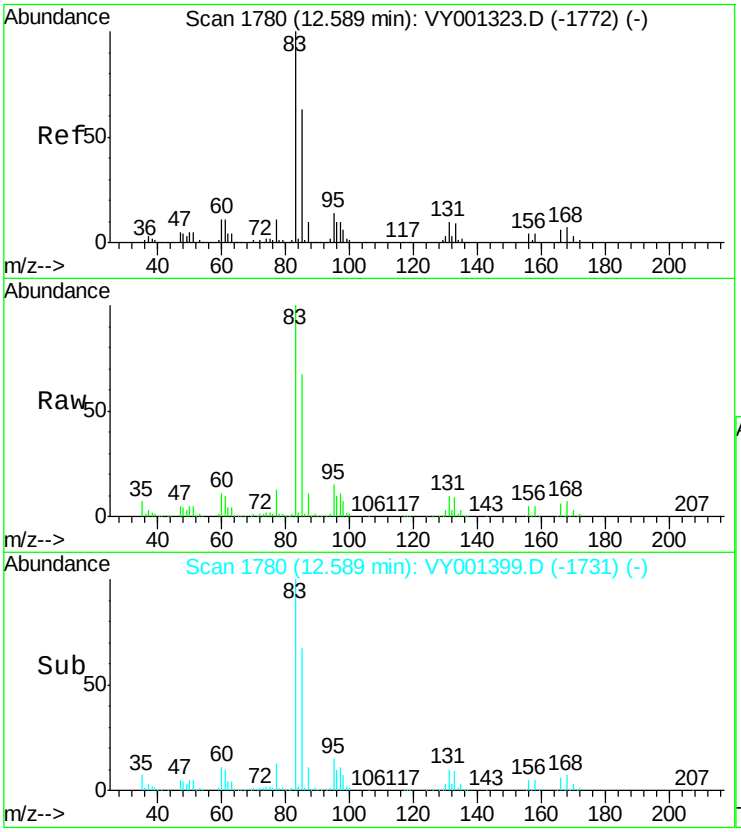




#74
N-amyl acetate
Concen: 52.18 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 43 Resp: 202833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 42.7 | 33.5 | 50.3 |
| 55 | 23.2 | 18.2 | 27.2 |
| 61 | 25.3 | 19.6 | 29.4 |



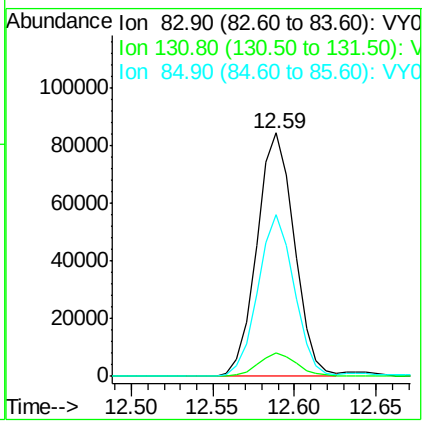


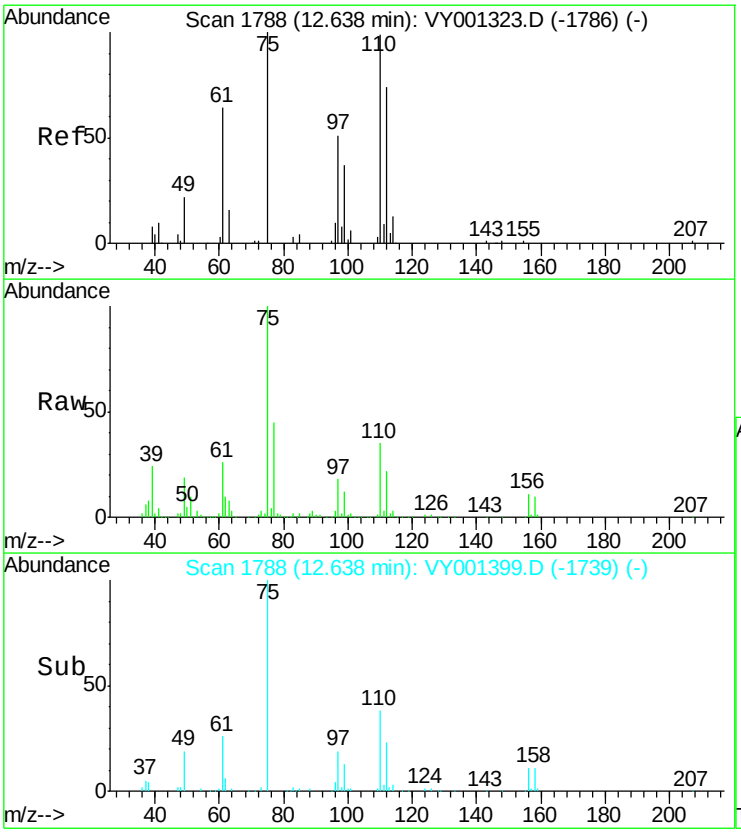

#75
1,1,2,2-Tetrachloroethane
Concen: 52.55 ug/l
RT: 12.59 min Scan# 1780
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 83 Resp: 133645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.8 | 4.9 | 14.6 |
| 85 | 64.3 | 31.4 | 94.3 |

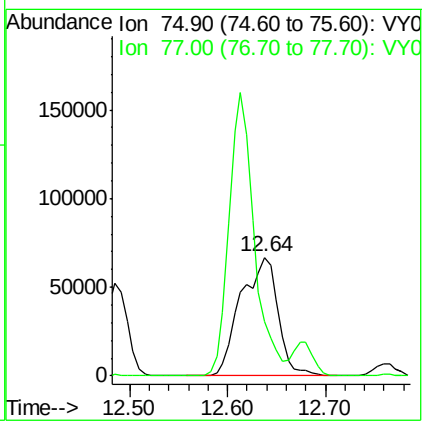


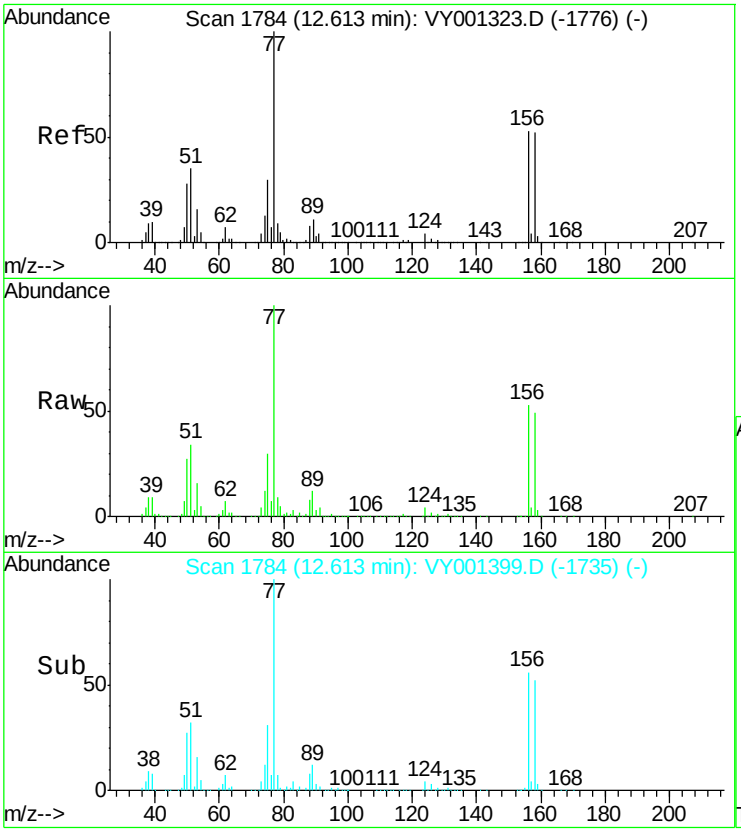




#76
1,2,3-Trichloropropane
Concen: 97.59 ug/l
RT: 12.64 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 75 Resp: 176986

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



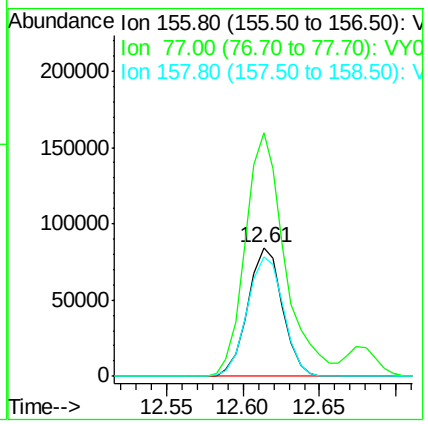


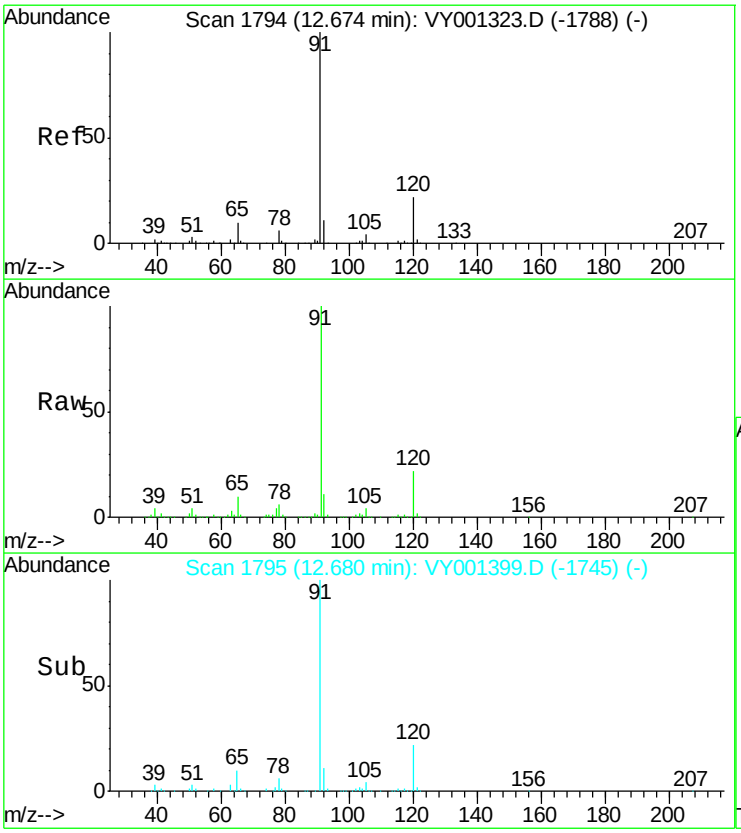

#77
Bromobenzene
Concen: 50.66 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion:156 Resp: 133256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 214.0 | 104.7 | 313.9 |
| 158 | 97.0 | 48.6 | 145.8 |

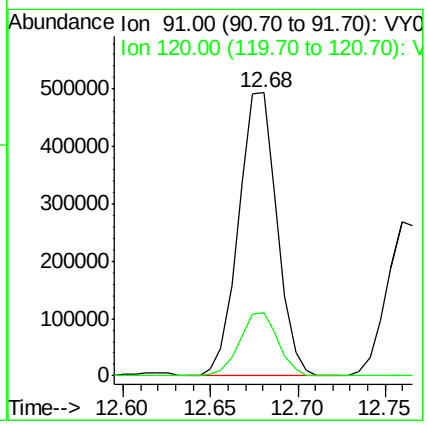


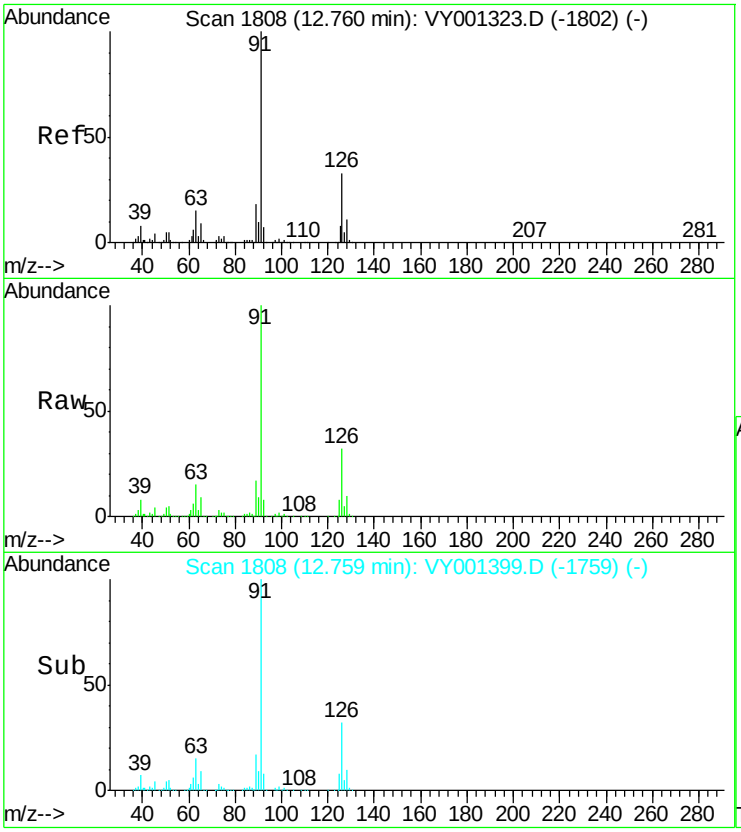




#78
n-propylbenzene
Concen: 52.54 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. 0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 91 Resp: 751070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.2 | 11.3 | 33.8 |



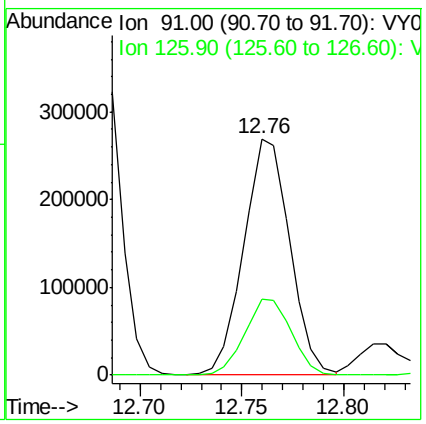


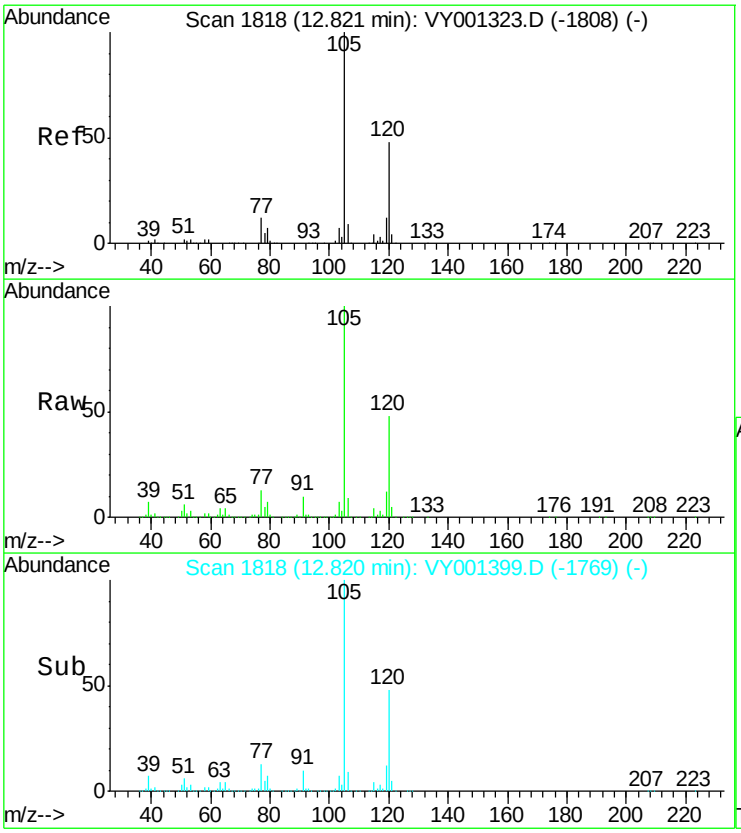

#79
2-Chlorotoluene
Concen: 51.83 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 91 Resp: 423276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.7 | 16.6 | 49.7 |

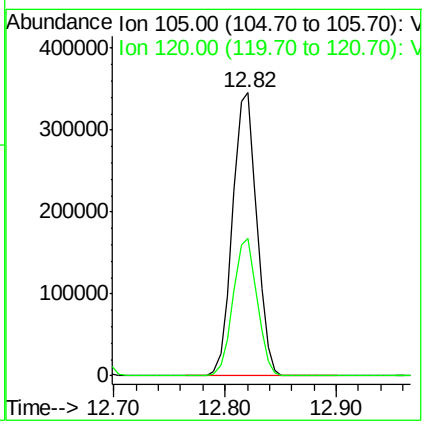


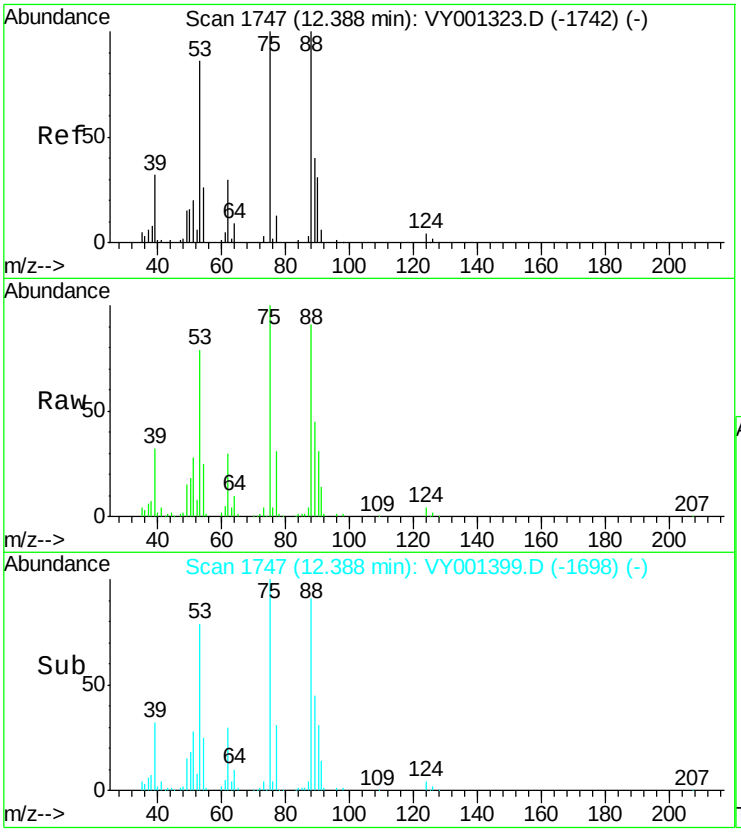




#80
1,3,5-Trimethylbenzene
Concen: 52.44 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion:105 Resp: 519820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.2 | 24.3 | 72.9 |



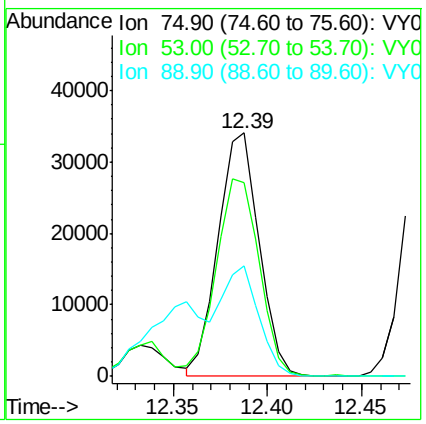


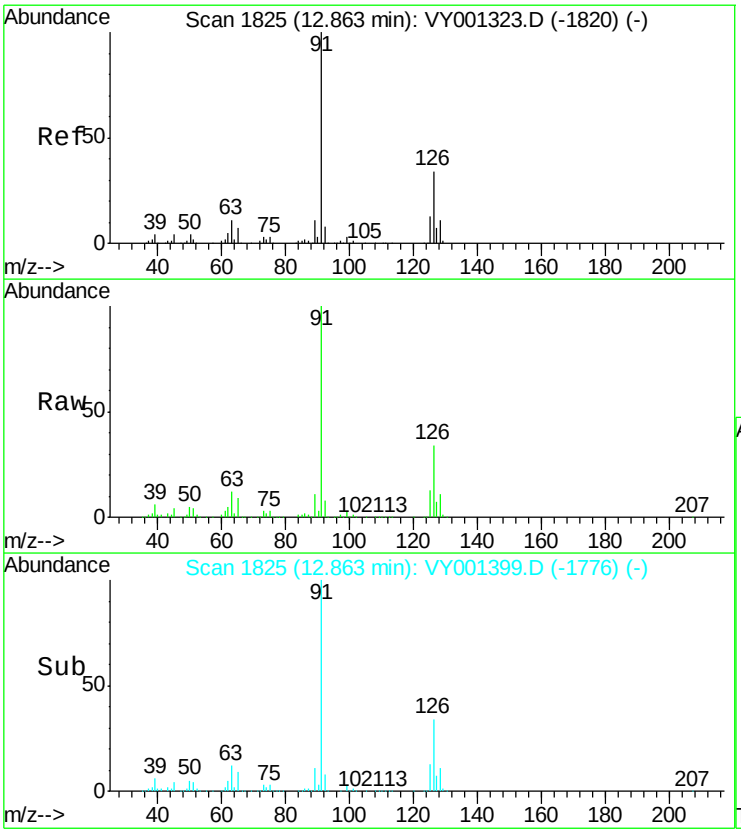

#81
trans-1,4-Dichloro-2-butene
Concen: 53.82 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 75 Resp: 51580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 85.2 | 69.9 | 104.9 |
| 89 | 40.4 | 36.6 | 54.8 |

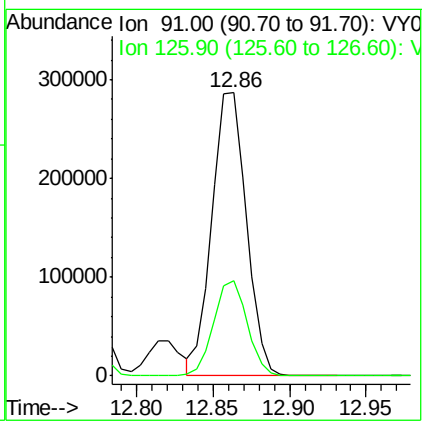


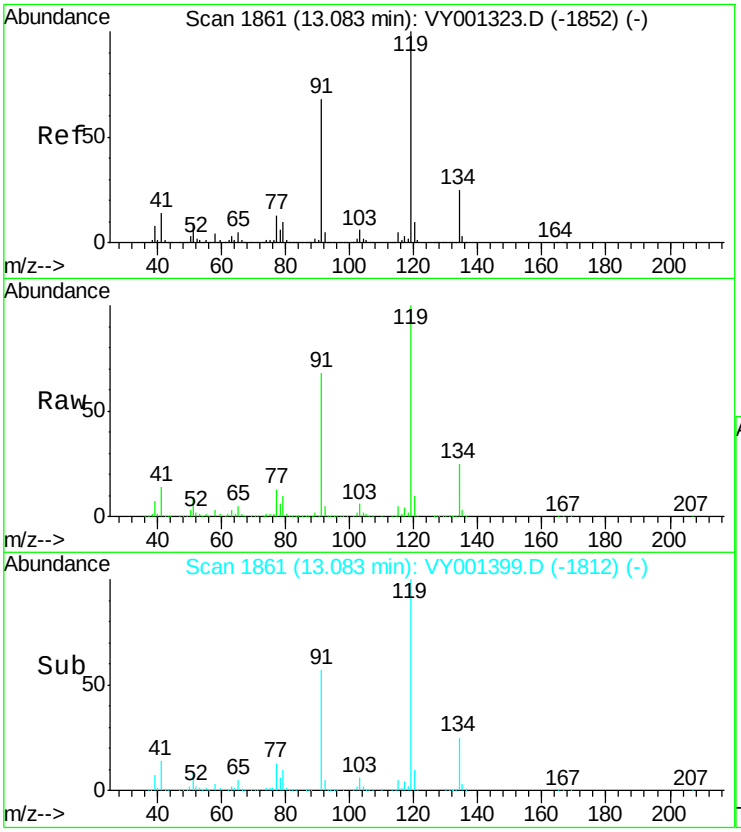




#82
4-Chlorotoluene
Concen: 51.59 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 91 Resp: 450021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.8 | 16.4 | 49.4 |



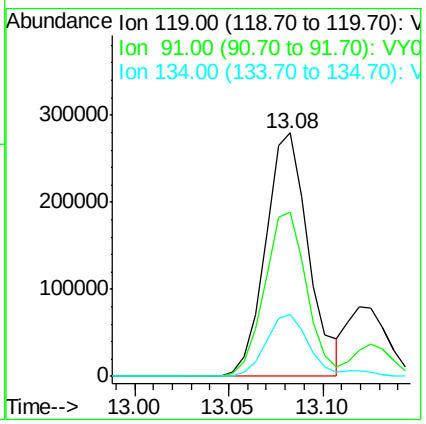


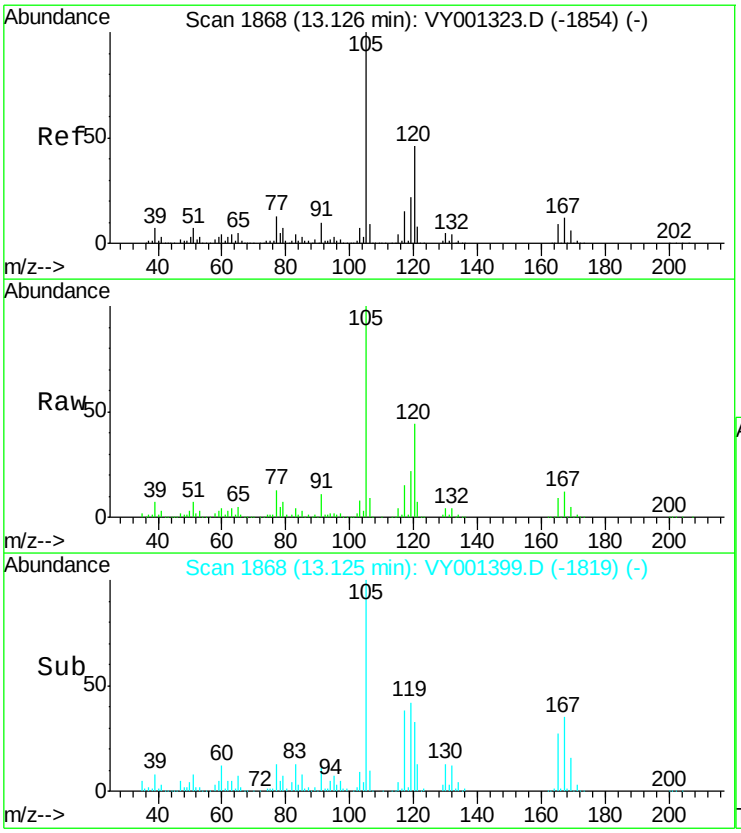

#83
tert-Butylbenzene
Concen: 53.00 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:119 Resp: 442843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 65.8 | 33.0 | 99.0 |
| 134 | 26.3 | 13.3 | 39.9 |

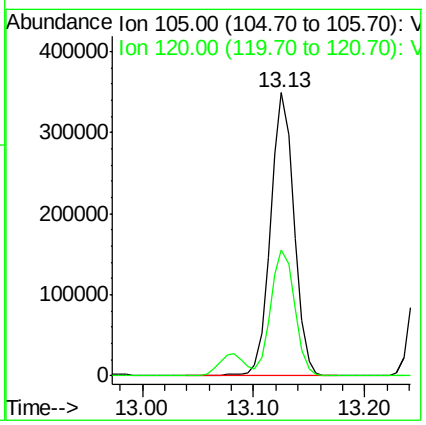


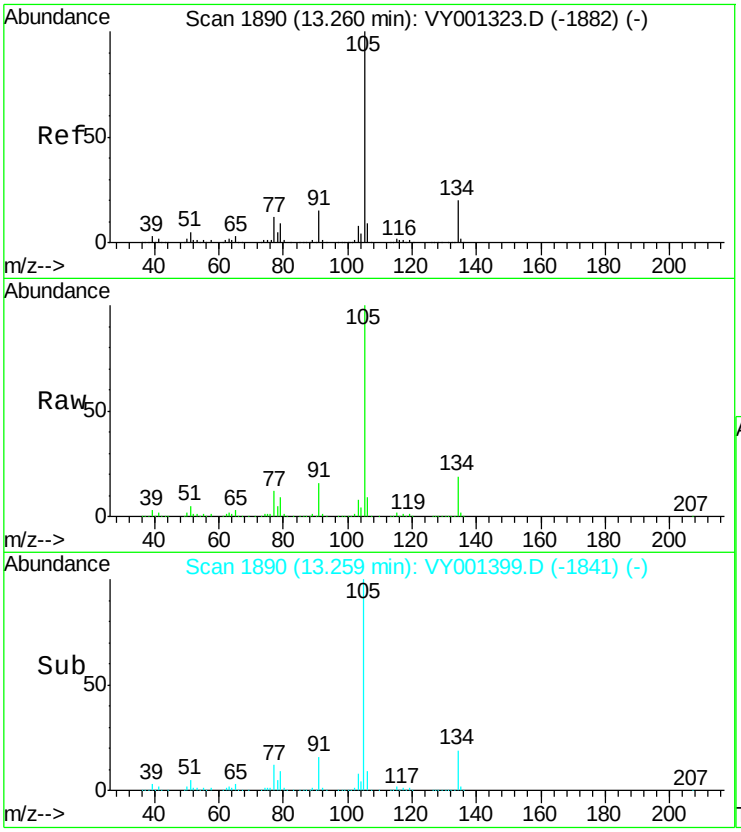




#84
1,2,4-Trimethylbenzene
Concen: 51.55 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion:105 Resp: 513033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.0 | 22.4 | 67.3 |



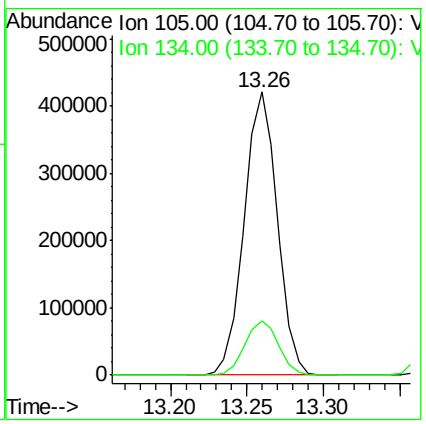


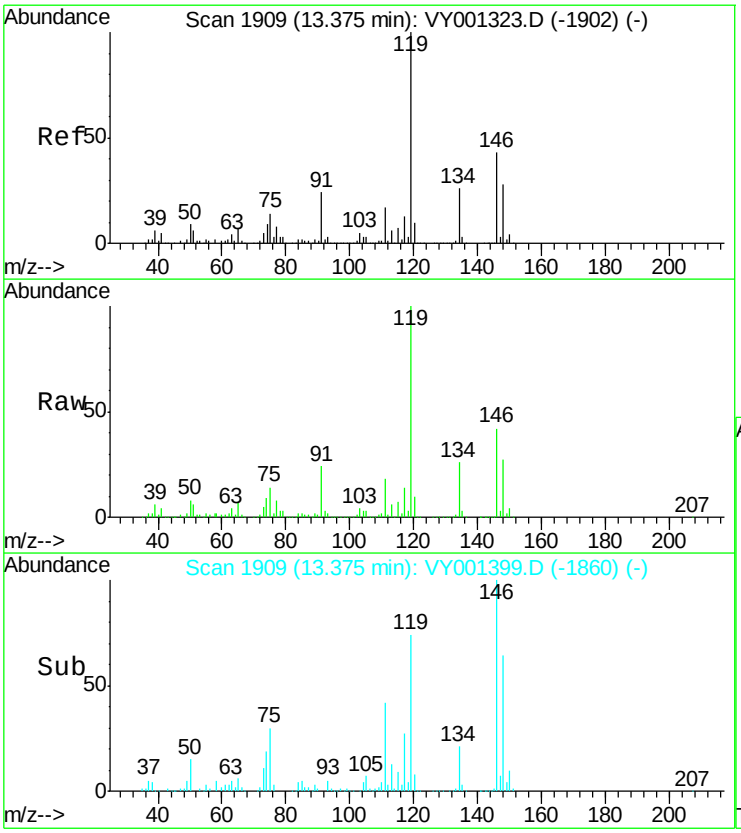

#85
sec-Butylbenzene
Concen: 53.32 ug/l
RT: 13.26 min Scan# 1890
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:105 Resp: 633025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.5 | 9.8 | 29.4 |

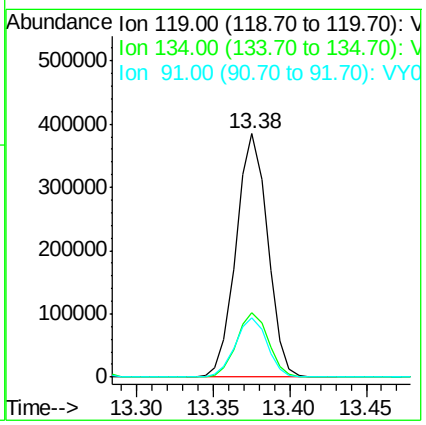


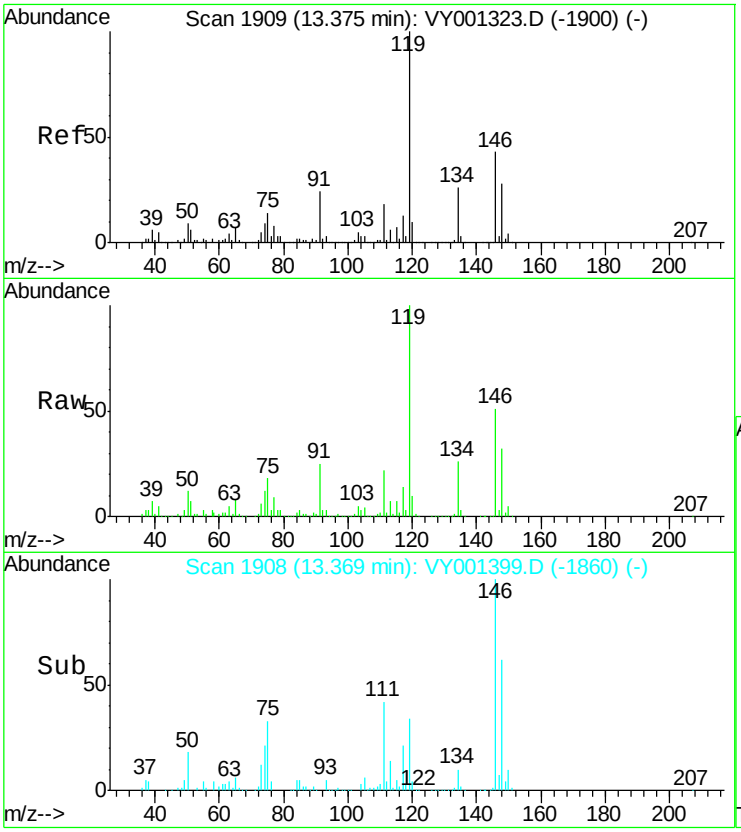




#86
p-Isopropyltoluene
Concen: 52.64 ug/l
RT: 13.38 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion:119 Resp: 550712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.6 | 13.5 | 40.4 |
| 91 | 24.4 | 12.2 | 36.6 |



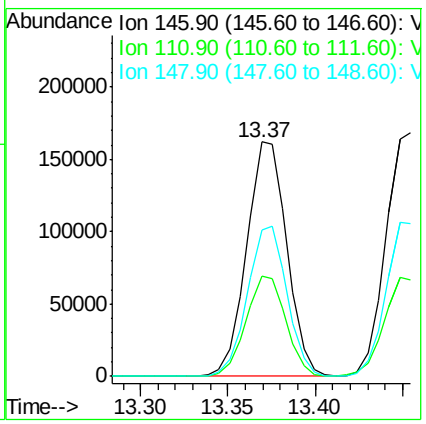


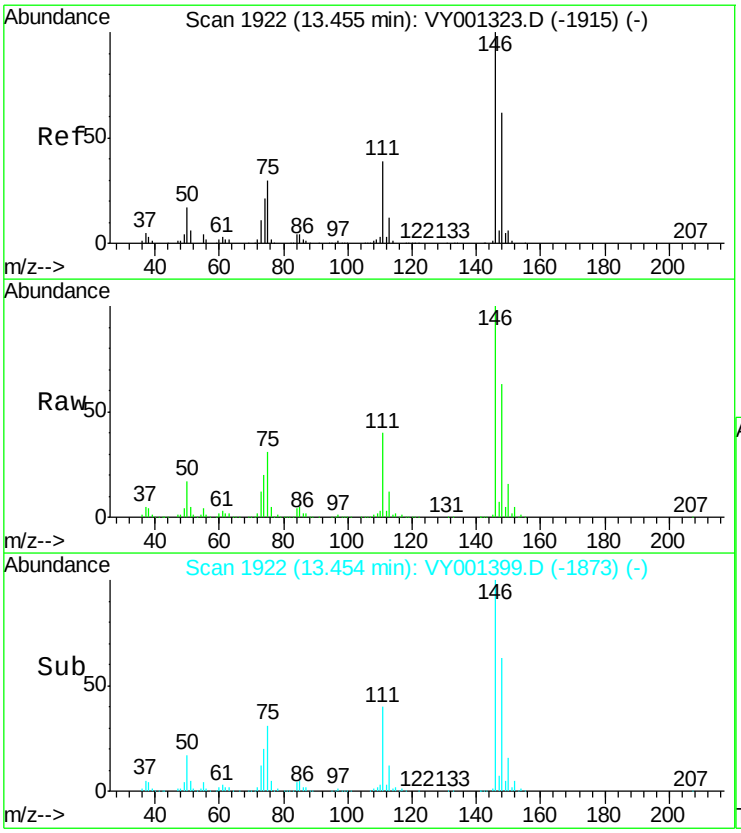

#87
1,3-Dichlorobenzene
Concen: 51.39 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:146 Resp: 260330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.3 | 20.6 | 61.8 |
| 148 | 62.9 | 31.6 | 95.0 |

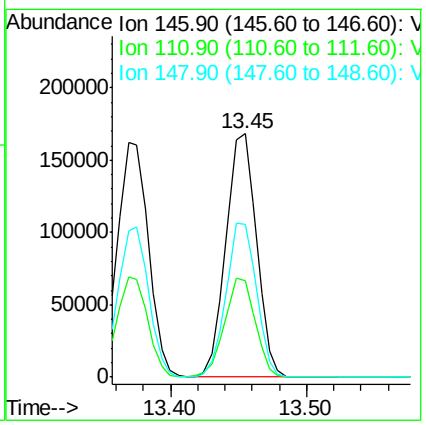


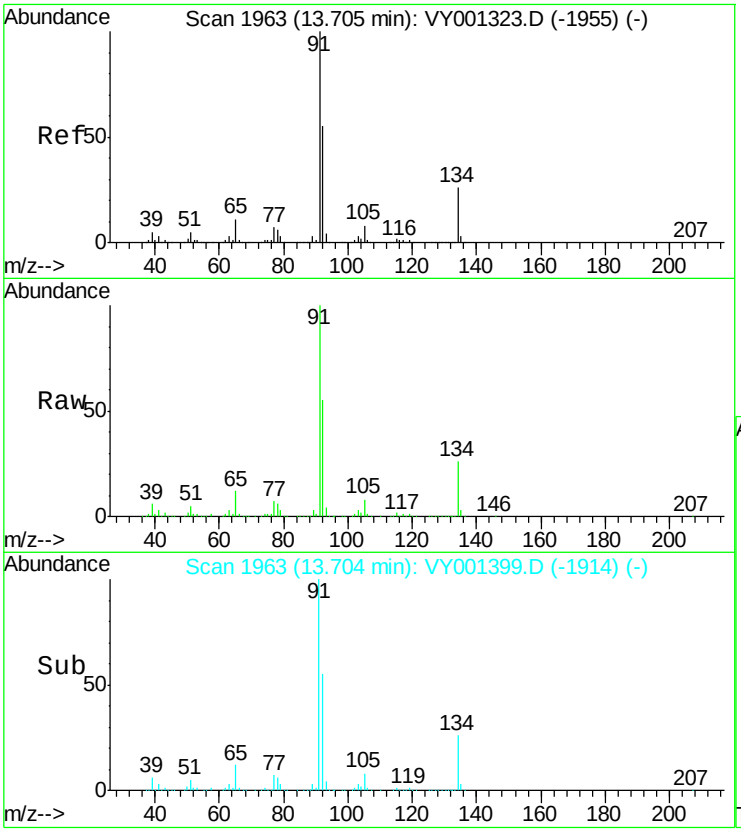




#88
1,4-Dichlorobenzene
Concen: 51.27 ug/l
RT: 13.45 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion:146 Resp: 263698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.6 | 20.5 | 61.5 |
| 148 | 62.9 | 31.6 | 95.0 |



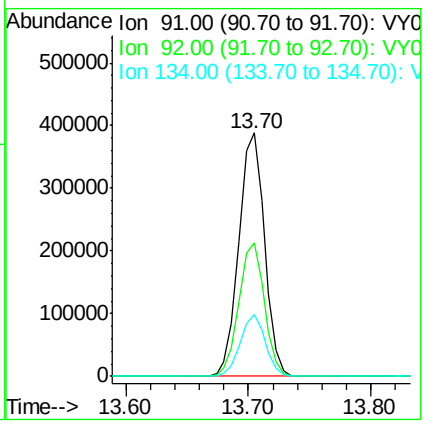


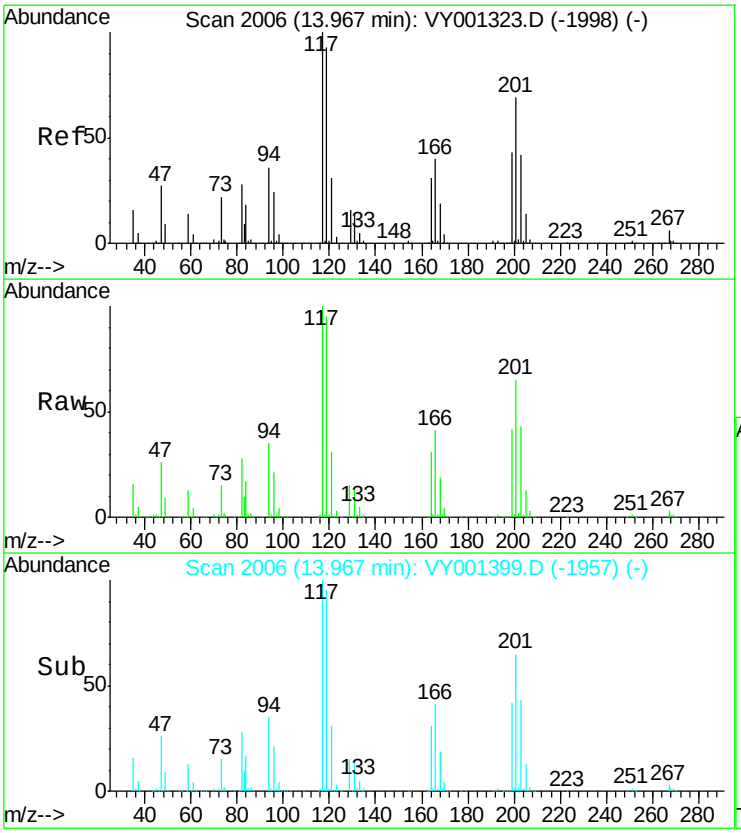

#89
n-Butylbenzene
Concen: 53.39 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 91 Resp: 562145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.5 | 27.6 | 82.8 |
| 134 | 25.0 | 12.9 | 38.6 |

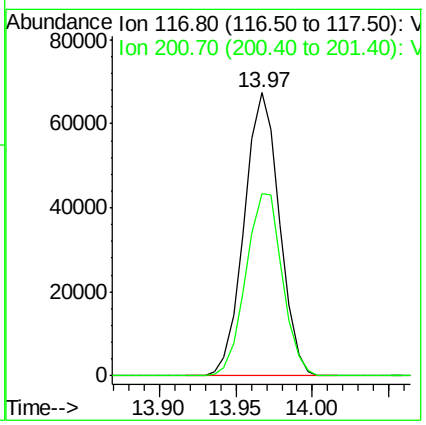


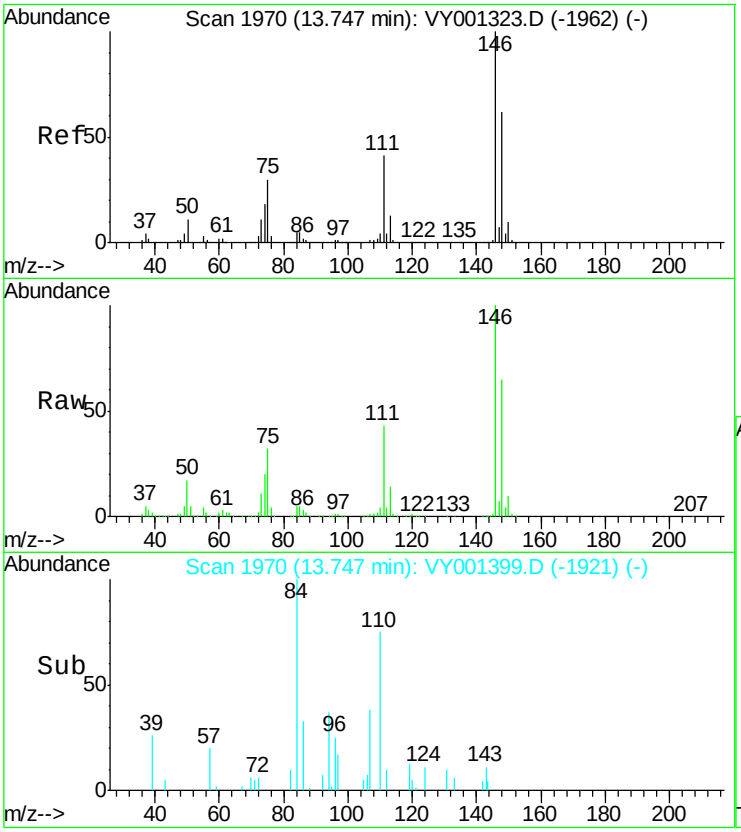




#90
Hexachloroethane
Concen: 54.35 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion:117 Resp: 107791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 66.9 | 34.6 | 103.8 |



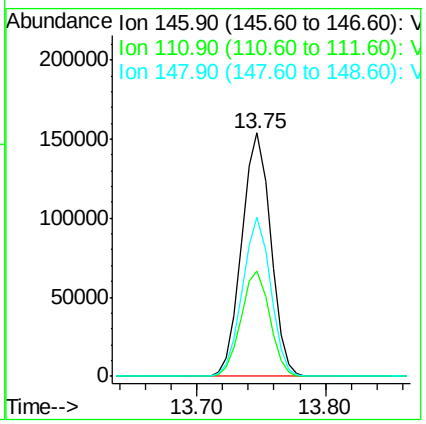


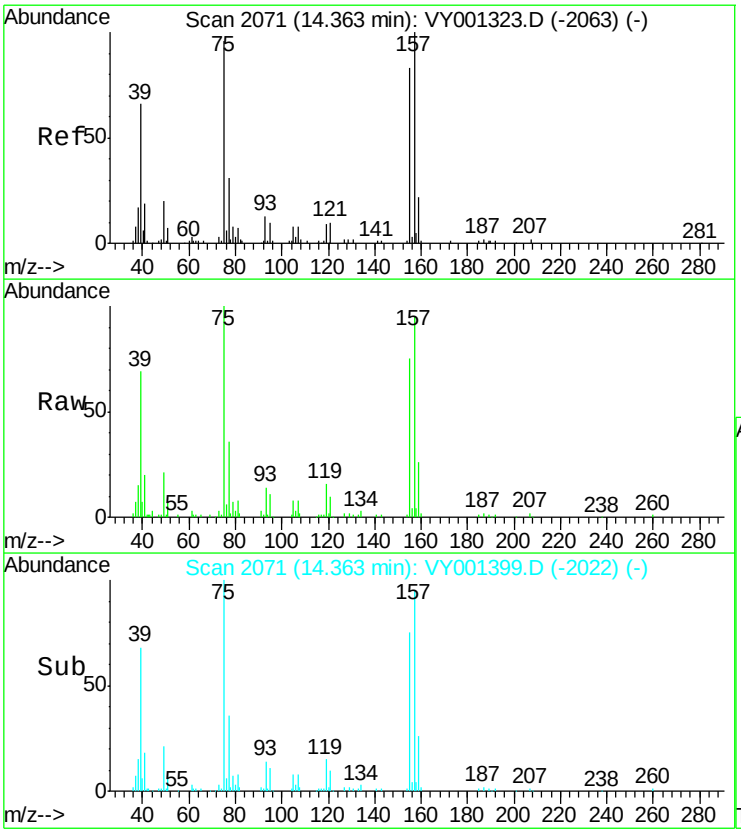

#91
1,2-Dichlorobenzene
Concen: 51.02 ug/l
RT: 13.75 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:146 Resp: 238362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.0 | 21.1 | 63.4 |
| 148 | 63.7 | 31.5 | 94.5 |

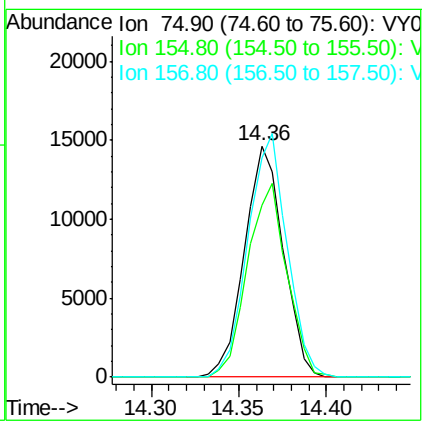


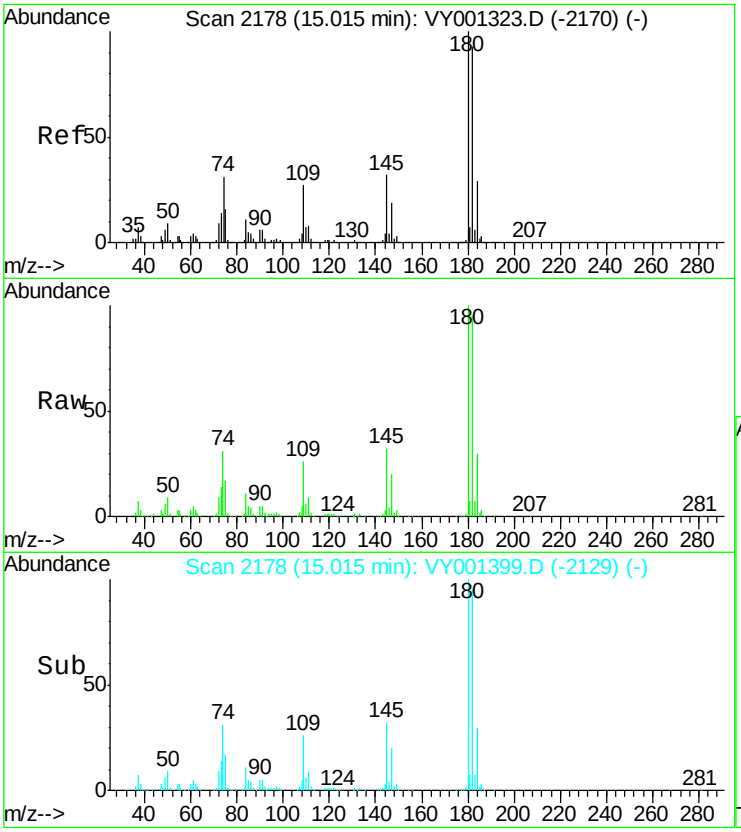




#92
1,2-Dibromo-3-Chloropropane
Concen: 51.61 ug/l
RT: 14.36 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 75 Resp: 22649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 85.1 | 43.0 | 129.2 |
| 157 | 105.7 | 53.3 | 160.0 |



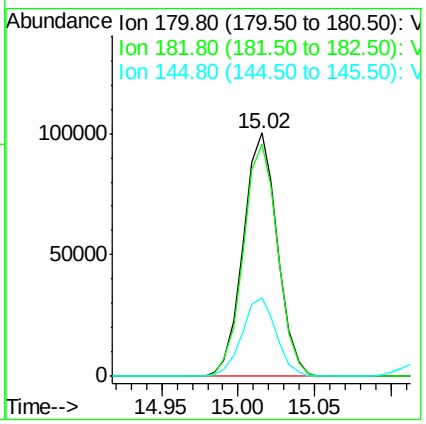


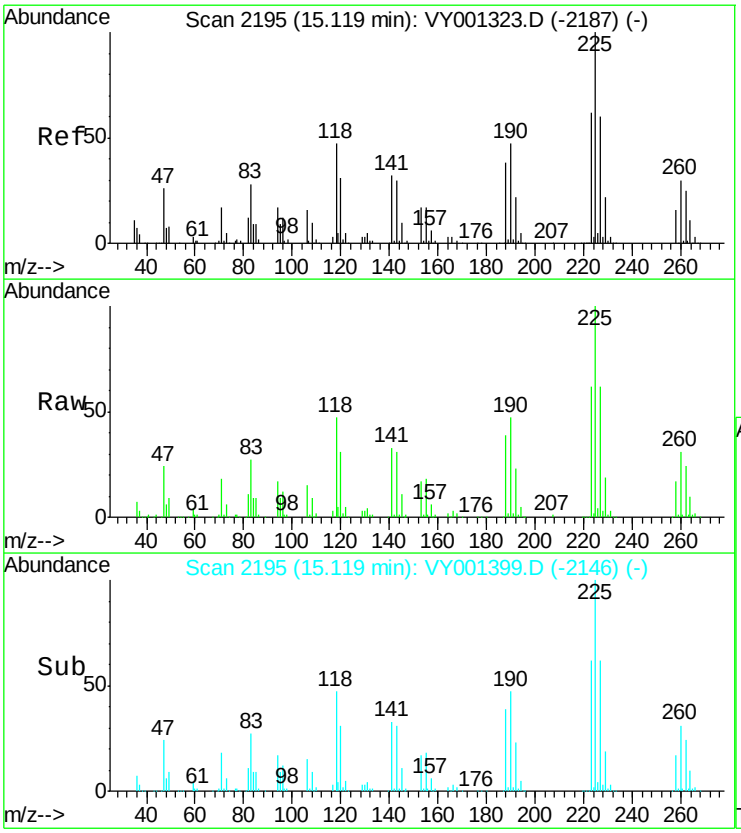

#93
1,2,4-Trichlorobenzene
Concen: 49.56 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:180 Resp: 155393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.6 | 47.6 | 142.8 |
| 145 | 32.2 | 16.3 | 48.9 |

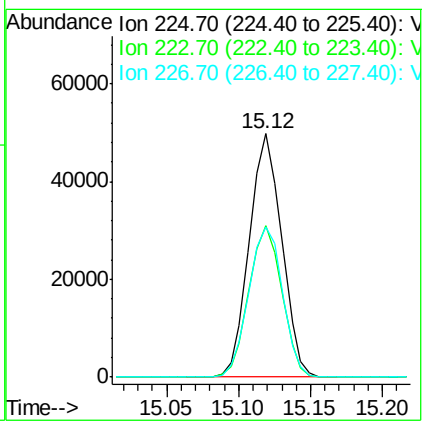


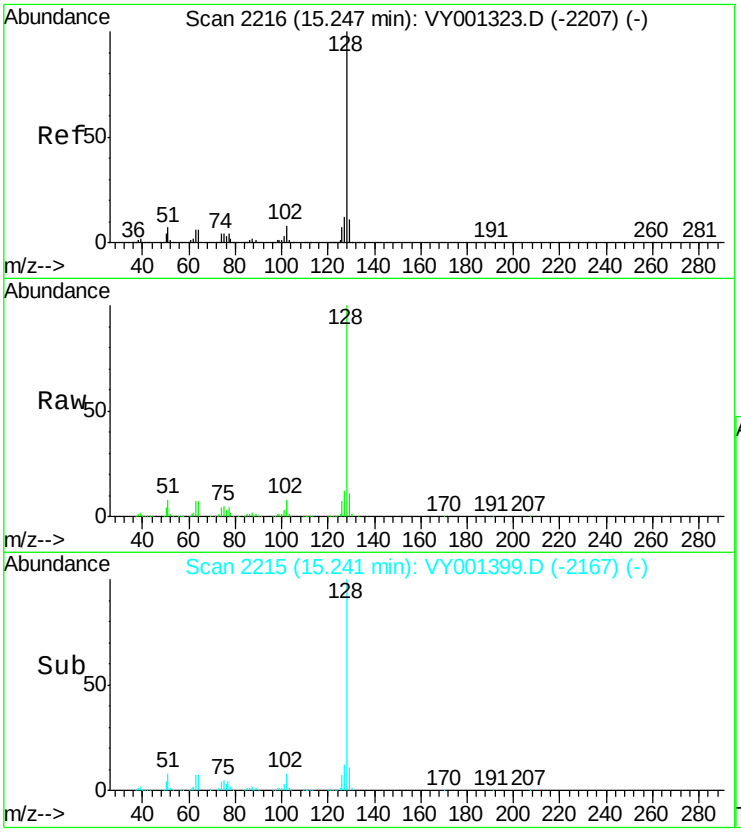




#94
Hexachlorobutadiene
Concen: 50.61 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion:225 Resp: 77268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.5 | 31.2 | 93.6 |
| 227 | 64.2 | 31.0 | 93.0 |



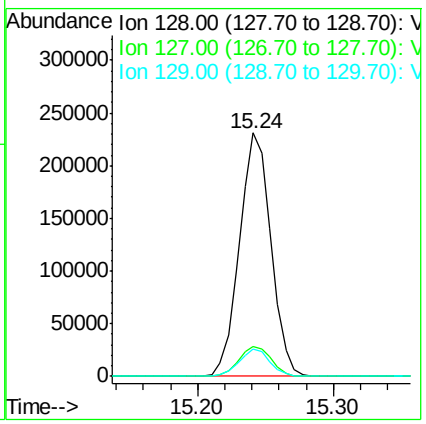


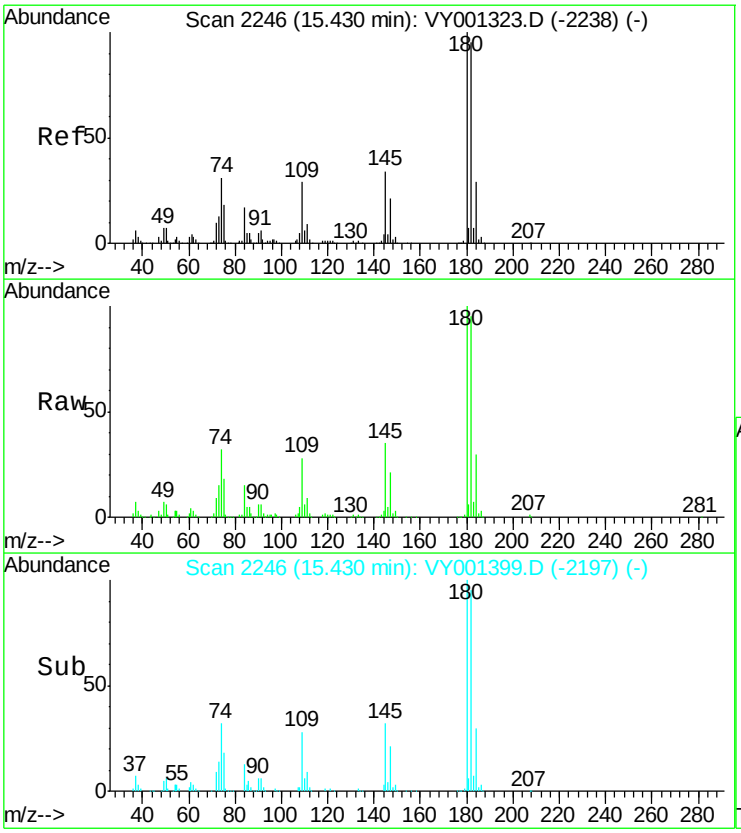

#95
Naphthalene
Concen: 52.06 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:128 Resp: 373298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.8 | 10.2 | 15.2 |
| 129 | 10.8 | 8.7 | 13.1 |




#96
1,2,3-Trichlorobenzene
Concen: 49.49 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion:180 Resp: 136138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.9 | 47.3 | 141.8 |
| 145 | 34.3 | 16.8 | 50.3 |