Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091619\
Data File : VX012412.D
Acq On : 16 Sep 2019 17:55
Operator : JC/SP
Sample : K4830-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** S13-TB-2019-2

Quant Time: Sep 17 04:53:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 04:36:38 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.65 | 168 | 116233 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.85 | 114 | 190739 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 176951 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152 | 98732 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.05 | 65 | 125974 | 52.89 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 105.78% | | | | |
| 35) Dibromofluoromethane | 5.49 | 113 | 87772 | 47.50 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.00% | | | | |
| 50) Toluene-d8 | 8.71 | 98 | 323179 | 49.29 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.58% | | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 127405 | 46.19 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 92.38% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.19 | 85 | 779 | 1.175 | ug/l | | 82 |
| 3) Chloromethane | 1.32 | 50 | 836 | 0.937 | ug/l | # | 81 |
| 4) Vinyl Chloride | 1.40 | 62 | 559 | 0.574 | ug/l | | 95 |
| 5) Bromomethane | 1.63 | 94 | 710 | 1.710 | ug/l | # | 77 |
| 7) Trichlorofluoromethane | 1.92 | 101 | 787 | 0.440 | ug/l | | 90 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 617 | 0.479 | ug/l | | 97 |
| 10) Methyl Iodide | 2.51 | 142 | 692 | 0.562 | ug/l | # | 73 |
| 11) Tert butyl alcohol | 3.00 | 59 | 3911 | 6.508 | ug/l | # | 79 |
| 12) 1,1-Dichloroethene | 2.36 | 96 | 604 | 0.595 | ug/l | # | 33 |
| 13) Acrolein | 2.26 | 56 | 97 | 0.375 | ug/l | # | 1 |
| 15) Acrylonitrile | 3.15 | 53 | 674 | 0.678 | ug/l | # | 73 |
| 16) Acetone | 2.43 | 43 | 1332 | 1.245 | ug/l | # | 72 |
| 17) Carbon Disulfide | 2.56 | 76 | 1175 | 2.263 | ug/l | # | 56 |
| 18) Methyl Acetate | 2.76 | 43 | 1109 | 0.466 | ug/l | | 91 |
| 19) Methyl tert-butyl Ether | 3.19 | 73 | 1763 | 0.322 | ug/l | # | 87 |
| 20) Methylene Chloride | 2.85 | 84 | 1051 | 0.720 | ug/l | | 91 |
| 21) trans-1,2-Dichloroethene | 3.16 | 96 | 549 | 0.503 | ug/l | # | 87 |
| 24) 1,1-Dichloroethane | 3.69 | 63 | 925 | 0.344 | ug/l | # | 72 |
| 25) 2-Butanone | 4.67 | 43 | 1402 | 0.920 | ug/l | | 96 |
| 28) Bromochloromethane | 5.00 | 49 | 488 | 0.355 | ug/l | # | 95 |
| 30) Chloroform | 5.20 | 83 | 1543 | 0.497 | ug/l | | 99 |
| 31) Cyclohexane | 5.55 | 56 | 995 | 0.608 | ug/l | # | 57 |
| 32) 1,1,1-Trichloroethane | 5.48 | 97 | 1005 | 0.390 | ug/l | # | 47 |
| 39) Methylcyclohexane | 7.45 | 83 | 961 | 0.568 | ug/l | # | 80 |
| 40) Benzene | 6.14 | 78 | 2034 | 0.374 | ug/l | | 96 |
| 42) 1,2-Dichloroethane | 6.20 | 62 | 1245 | 0.503 | ug/l | | 97 |
| 44) Trichloroethene | 7.20 | 130 | 706 | 0.484 | ug/l | | 59 |
| 45) 1,2-Dichloropropane | 7.51 | 63 | 684 | 0.412 | ug/l | # | 80 |
| 47) Bromodichloromethane | 7.89 | 83 | 832 | 0.337 | ug/l | # | 80 |
| 48) Methyl methacrylate | 7.77 | 41 | 217 | 1.541 | ug/l | # | 21 |
| 49) 1,4-Dioxane | 7.65 | 88 | 20 | 0.376 | ug/l | # | 1 |
| 51) 4-Methyl-2-Pentanone | 8.64 | 43 | 1881 | 0.623 | ug/l | | 99 |
| 52) Toluene | 8.78 | 92 | 1366 | 0.386 | ug/l | | 92 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 797 | 0.311 | ug/l | | 94 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091619\
Data File : VX012412.D
Acq On : 16 Sep 2019 17:55
Operator : JC/SP
Sample : K4830-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** S13-TB-2019-2

Quant Time: Sep 17 04:53:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 04:36:38 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 54) cis-1,3-Dichloropropene | 8.44 | 75 | 813 | 0.307 | ug/l | # | 76 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 648 | 0.349 | ug/l | # | 70 |
| 59) 2-Hexanone | 9.49 | 43 | 1355 | 0.583 | ug/l | | 87 |
| 60) Dibromochloromethane | 9.58 | 129 | 432 | 1.939 | ug/l | | 97 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 586 | 0.343 | ug/l | # | 77 |
| 64) Tetrachloroethene | 9.33 | 164 | 492 | 0.419 | ug/l | # | 76 |
| 65) Chlorobenzene | 10.14 | 112 | 1590 | 0.385 | ug/l | | 99 |
| 67) Ethyl Benzene | 10.25 | 91 | 2276 | 0.323 | ug/l | | 93 |
| 68) m/p-Xylenes | 10.36 | 106 | 1235 | 0.475 | ug/l | | 93 |
| 69) o-Xylene | 10.70 | 106 | 953 | 0.353 | ug/l | | 100 |
| 70) Styrene | 10.71 | 104 | 1532 | 0.327 | ug/l | | 90 |
| 71) Bromoform | 10.85 | 173 | 251 | 2.220 | ug/l | # | 29 |
| 73) Isopropylbenzene | 11.01 | 105 | 2556 | 0.373 | ug/l | | 93 |
| 75) 1,1,2,2-Tetrachloroethane | 11.26 | 83 | 925 | 0.336 | ug/l | | 94 |
| 76) 1,2,3-Trichloropropane | 11.14 | 75 | 65008 | 25.471 | ug/l | # | 39 |
| 80) 1,3,5-Trimethylbenzene | 11.50 | 105 | 2062 | 0.345 | ug/l | | 90 |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75 | 65008 | 71.903 | ug/l | # | 7 |
| 84) 1,2,4-Trimethylbenzene | 11.81 | 105 | 1993 | 0.329 | ug/l | | 97 |
| 87) 1,3-Dichlorobenzene | 12.03 | 146 | 1410 | 0.426 | ug/l | | 91 |
| 88) 1,4-Dichlorobenzene | 12.03 | 146 | 1410 | 0.422 | ug/l | | 90 |
| 91) 1,2-Dichlorobenzene | 12.38 | 146 | 1314 | 0.388 | ug/l | | 96 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75 | 275 | 0.378 | ug/l | | 83 |
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180 | 1028 | 0.454 | ug/l | | 91 |
| 95) Naphthalene | 13.83 | 128 | 3142 | 0.727 | ug/l | # | 94 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 991 | 0.439 | ug/l | | 94 |

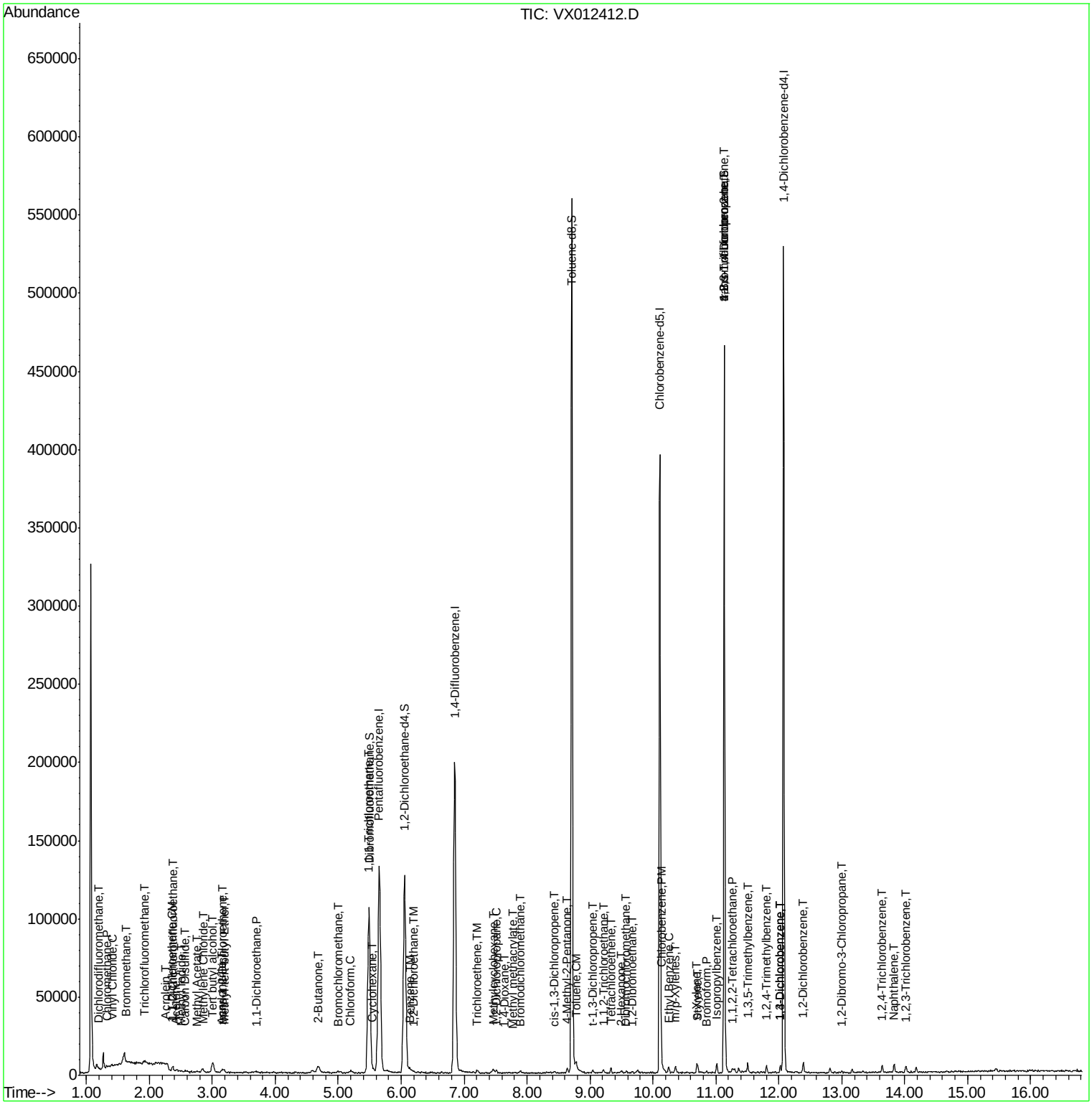
(#) = qualifier out of range (m) = manual integration (+) = signals summed

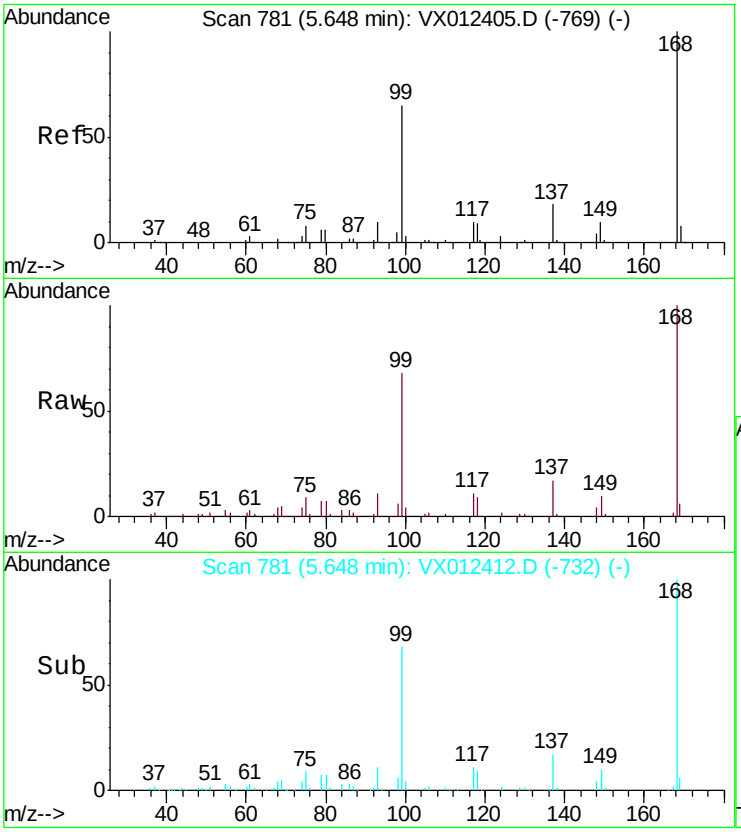
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091619\
Data File : VX012412.D
Acq On : 16 Sep 2019 17:55
Operator : JC/SP
Sample : K4830-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Quant Time: Sep 17 04:53:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 04:36:38 2019
Response via : Initial Calibration



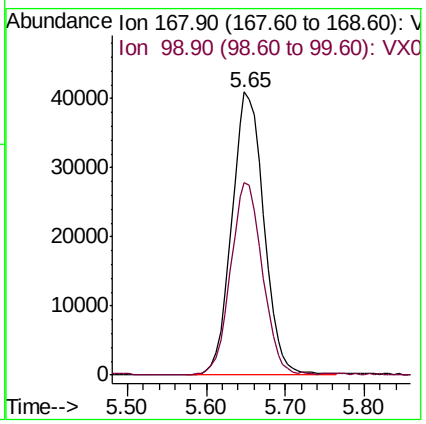


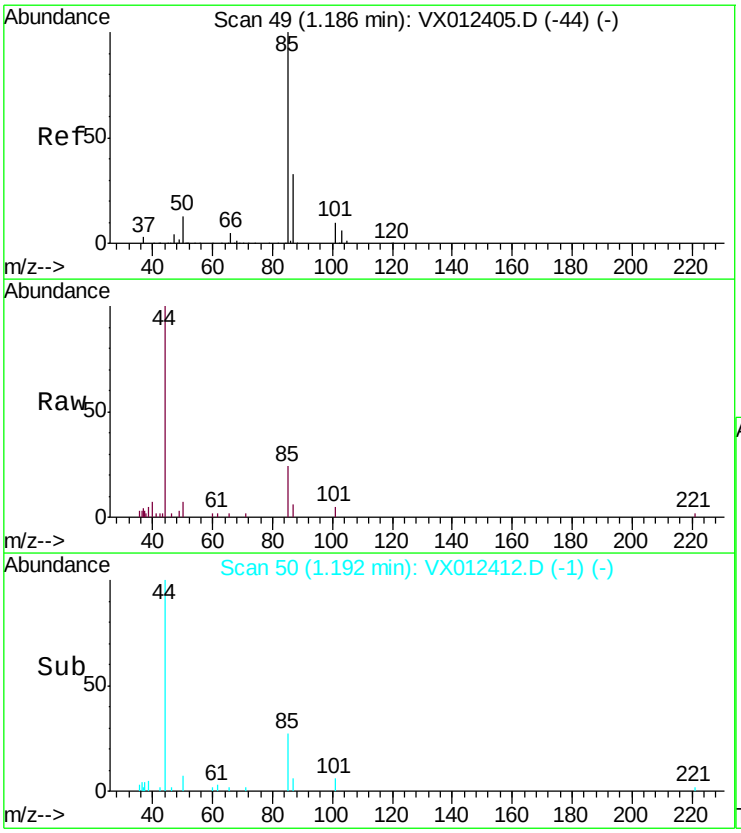

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion:168 Resp: 116233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 68.2 | 51.8 | 77.6 |

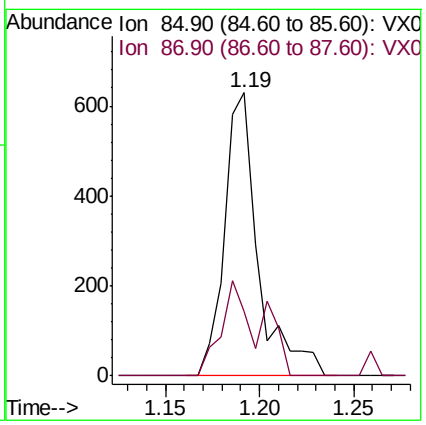


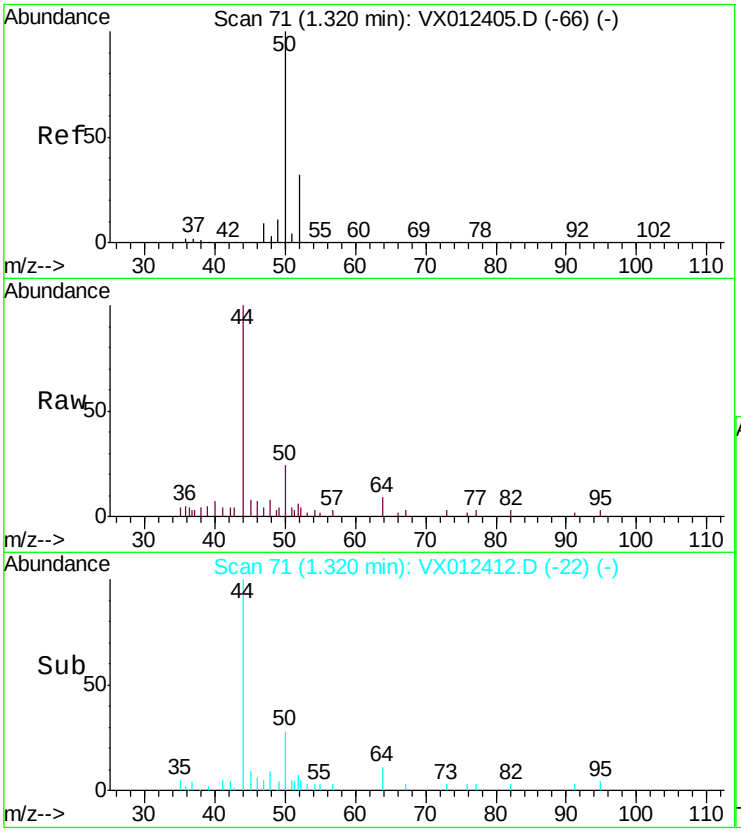




#2
Dichlorodifluoromethane
Concen: 1.175 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion: 85 Resp: 779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 22.9 | 16.4 | 49.2 |



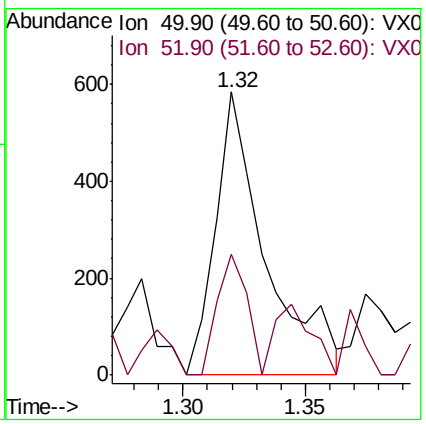


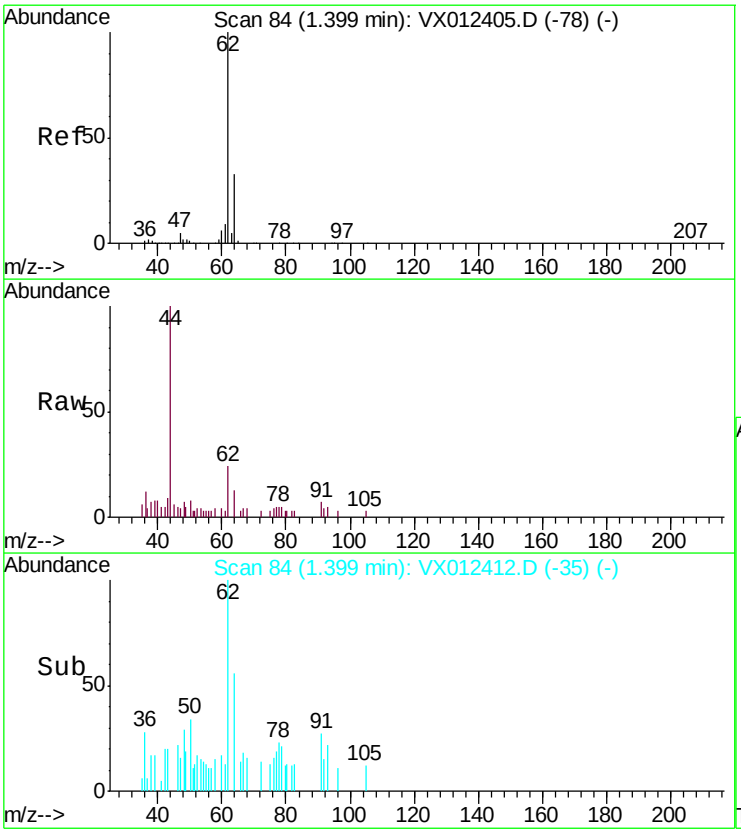

#3
Chloromethane
Concen: 0.937 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion: 50 Resp: 836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 42.5 | 25.4 | 38.2# |

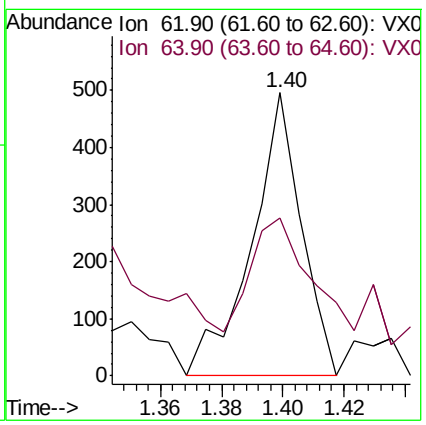


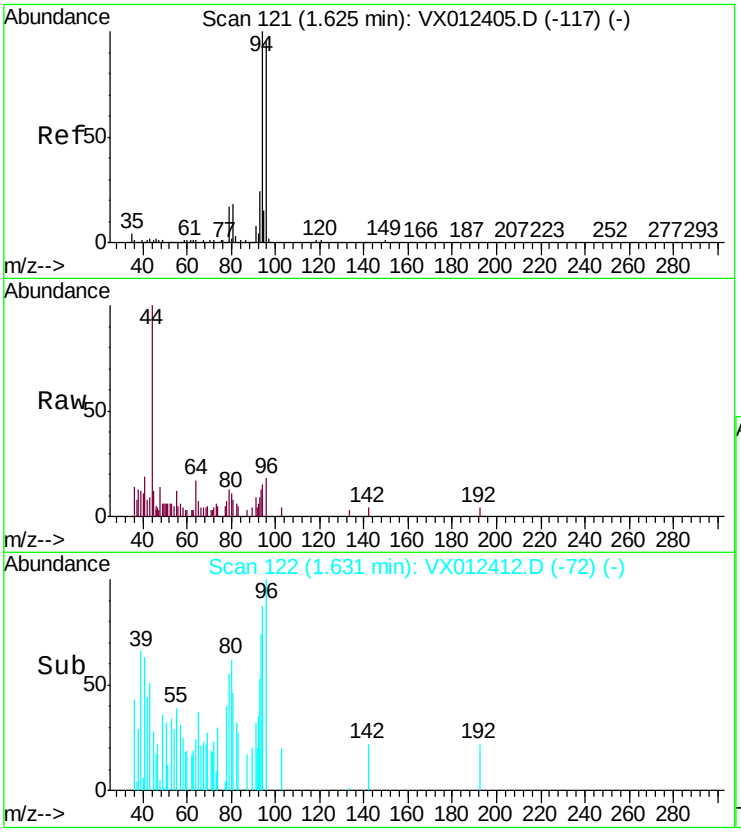




#4
Vinyl Chloride
Concen: 0.574 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion: 62 Resp: 559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 30.0 | 26.2 | 39.2 |



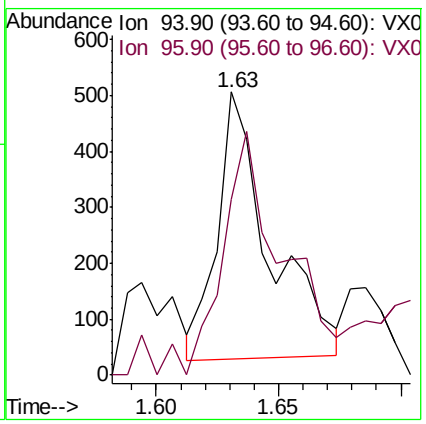


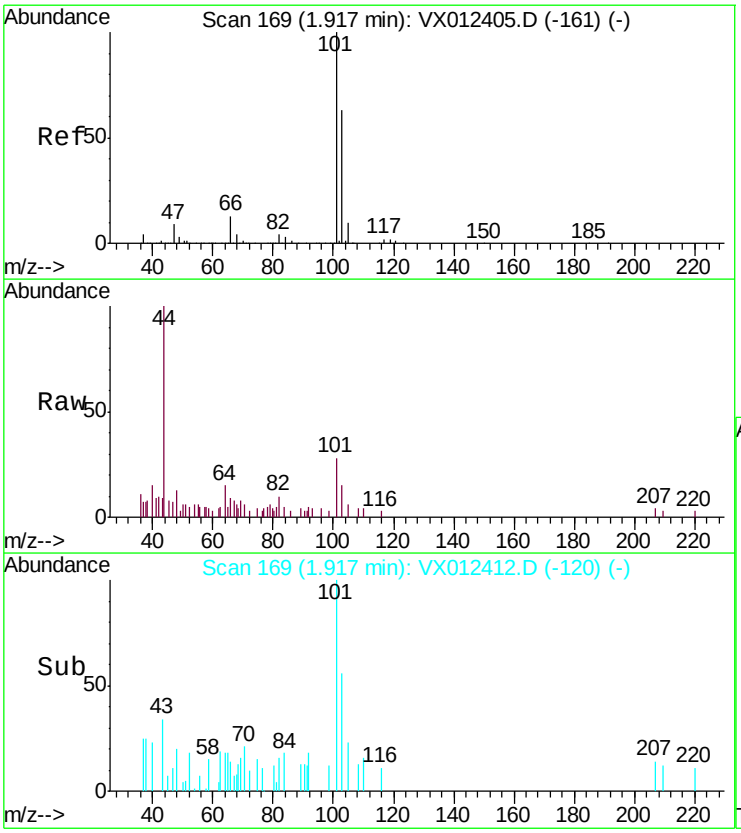

#5
Bromomethane
Concen: 1.710 ug/l
RT: 1.63 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion: 94 Resp: 710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 72.4 | 75.7 | 113.5# |

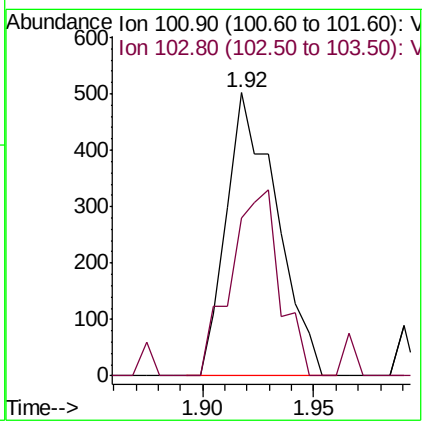


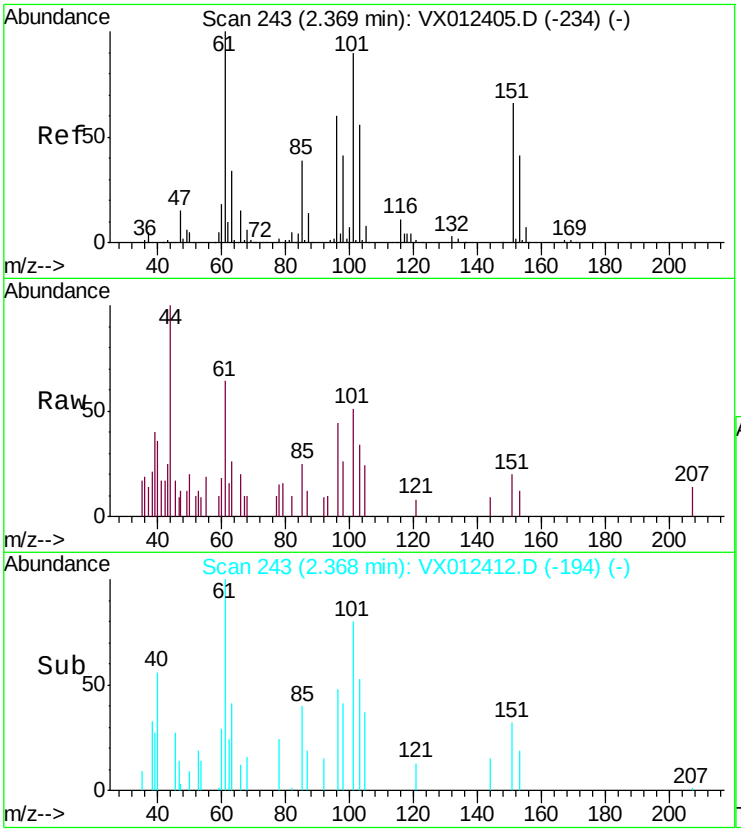




#7
Trichlorofluoromethane
Concen: 0.440 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion:101 Resp: 787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 55.6 | 50.5 | 75.7 |



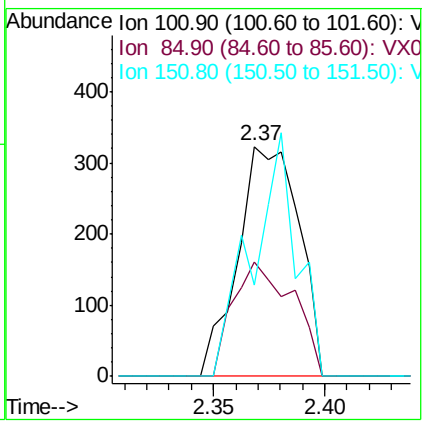


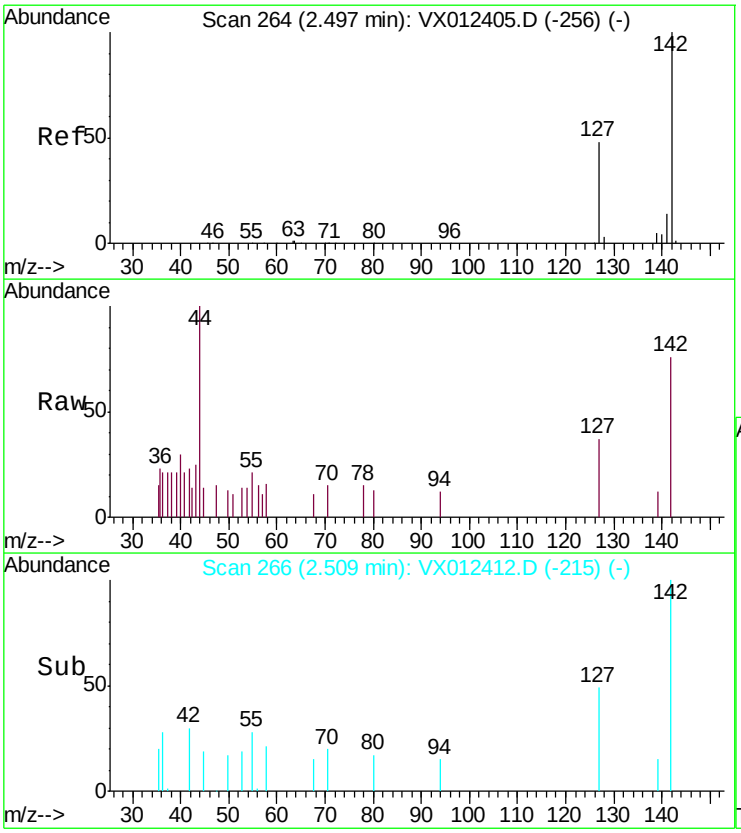

#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.479 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion:101 Resp: 617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 48.6 | 36.3 | 54.5 |
| 151 | 77.5 | 61.1 | 91.7 |

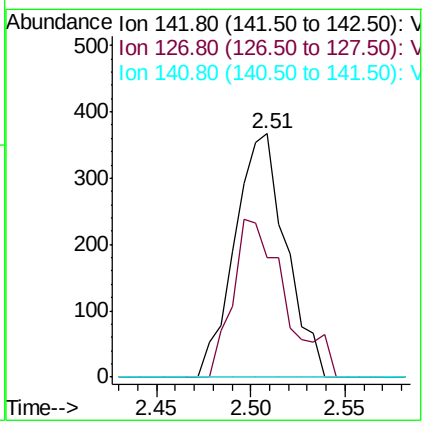


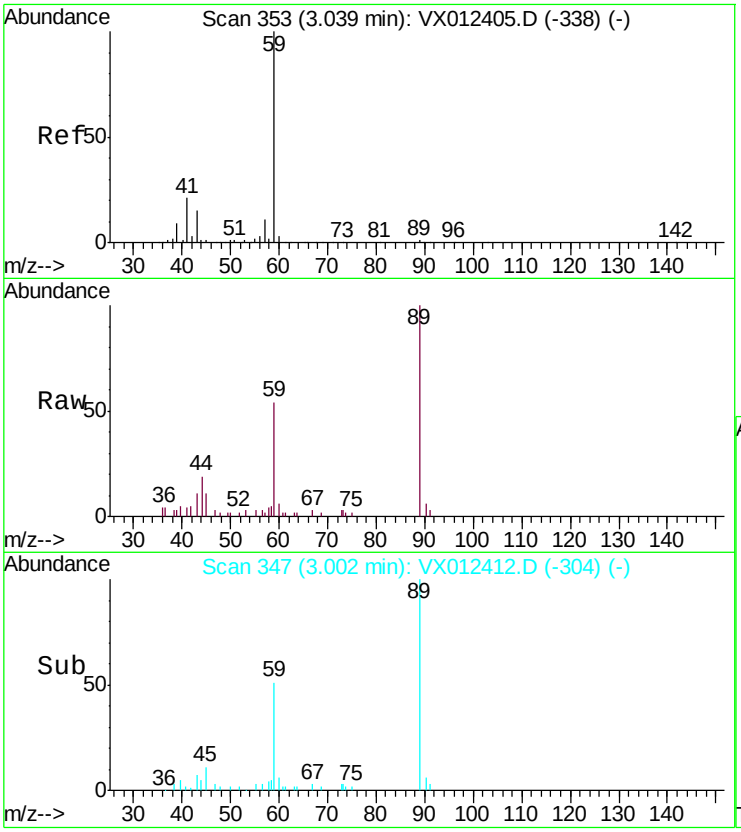




#10
Methyl Iodide
Concen: 0.562 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion:142 Resp: 692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 66.5 | 39.6 | 59.4# |
| 141 | 0.0 | 11.6 | 17.4# |



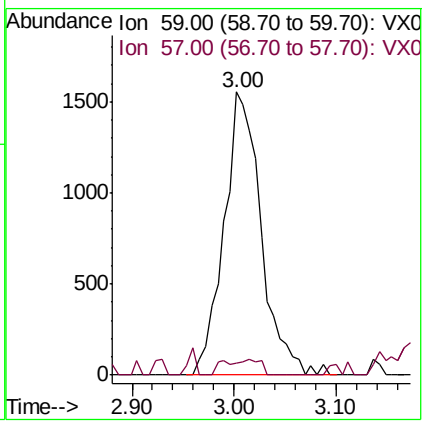


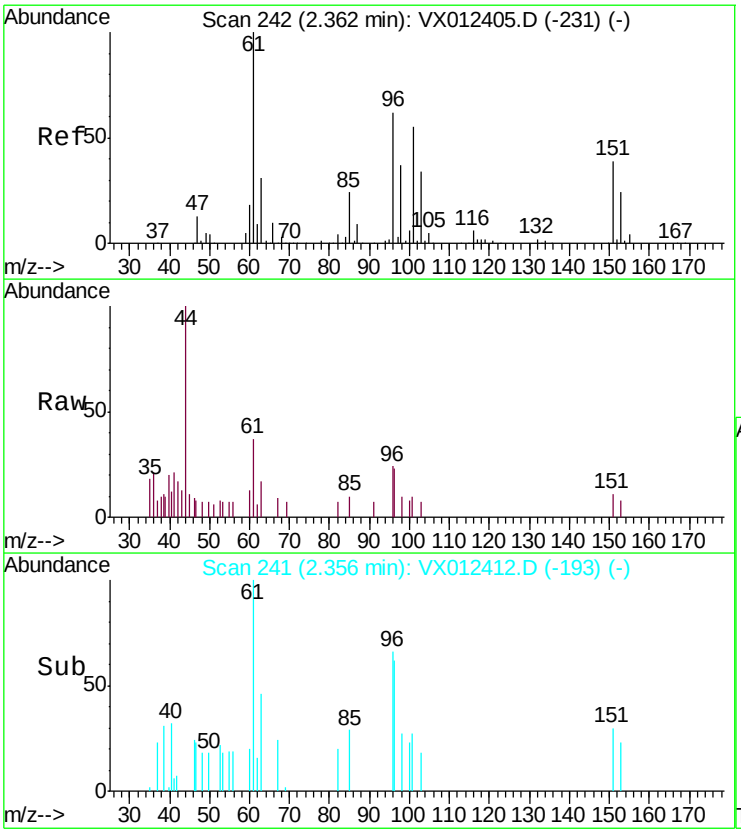

#11
Tert butyl alcohol
Concen: 6.508 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.04 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion: 59 Resp: 3911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 2.9 | 8.6 | 12.8# |

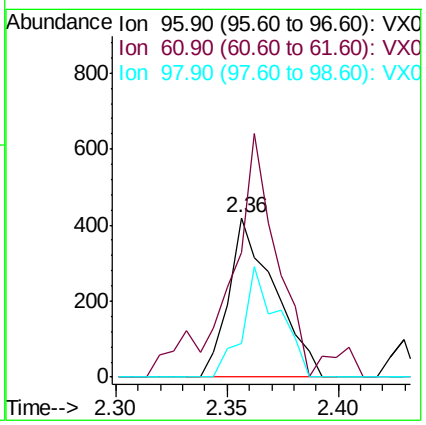


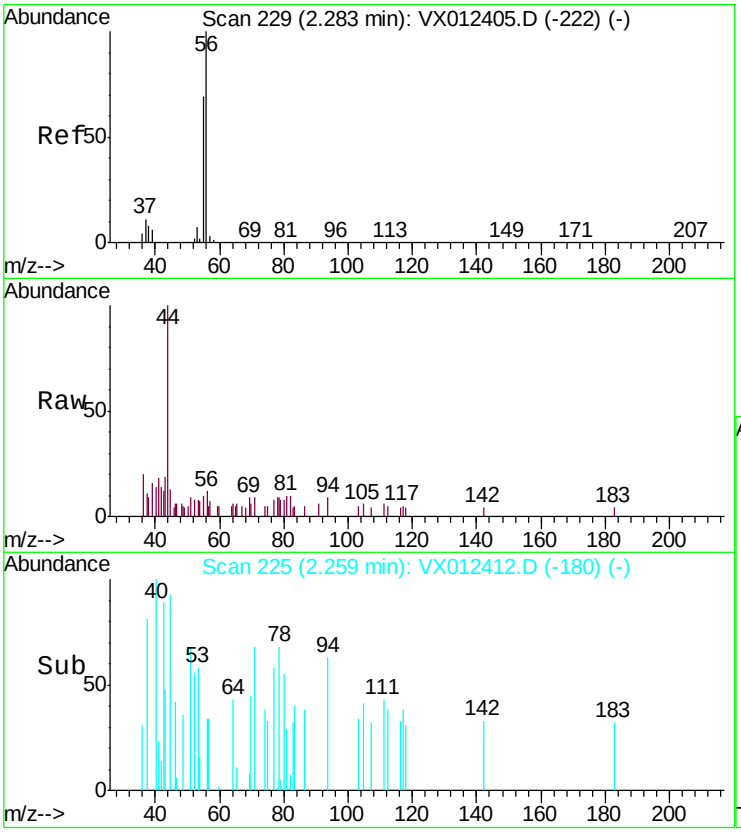




#12
1,1-Dichloroethene
Concen: 0.595 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion: 96 Resp: 604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 65.6 | 129.8 | 194.6# |
| 98 | 21.5 | 48.5 | 72.7# |



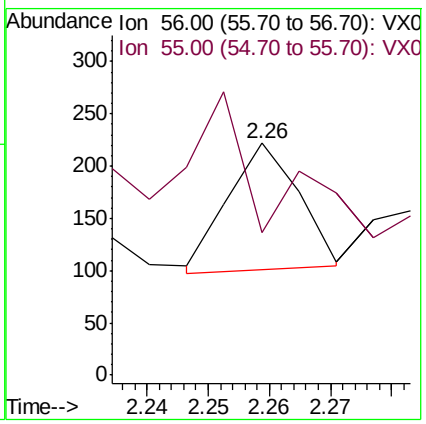


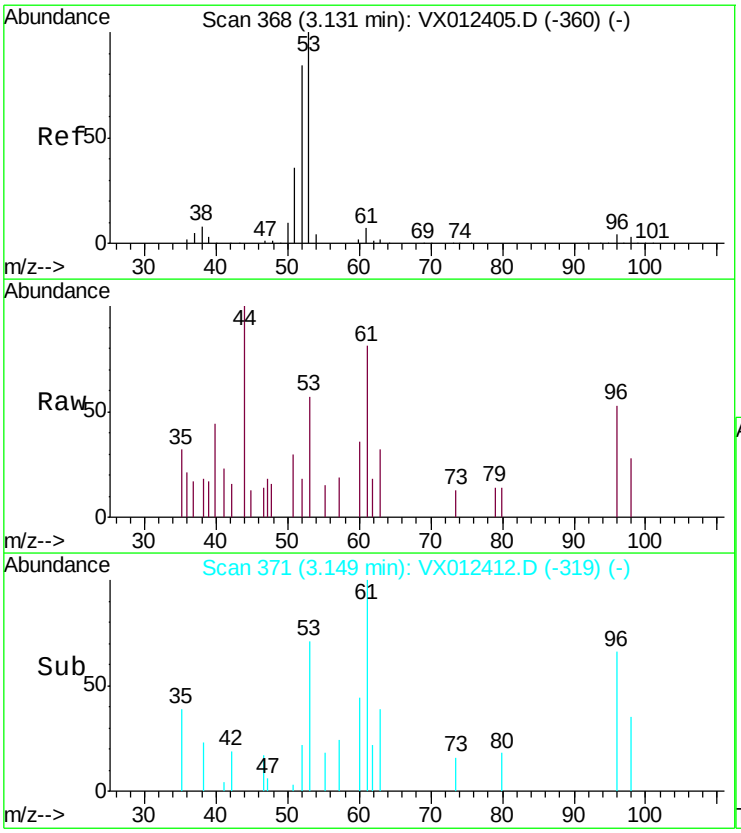

#13
Acrolein
Concen: 0.375 ug/l
RT: 2.26 min Scan# 225
Delta R.T. -0.02 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion: 56 Resp: 97

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 171.1 | 56.1 | 84.1# |

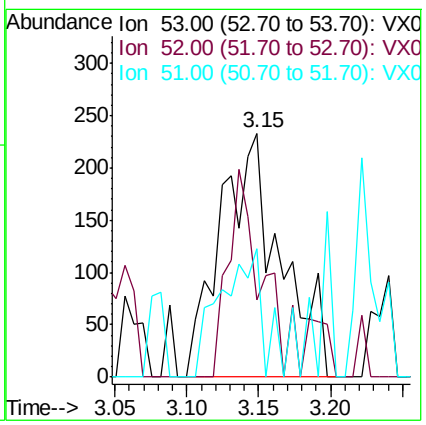


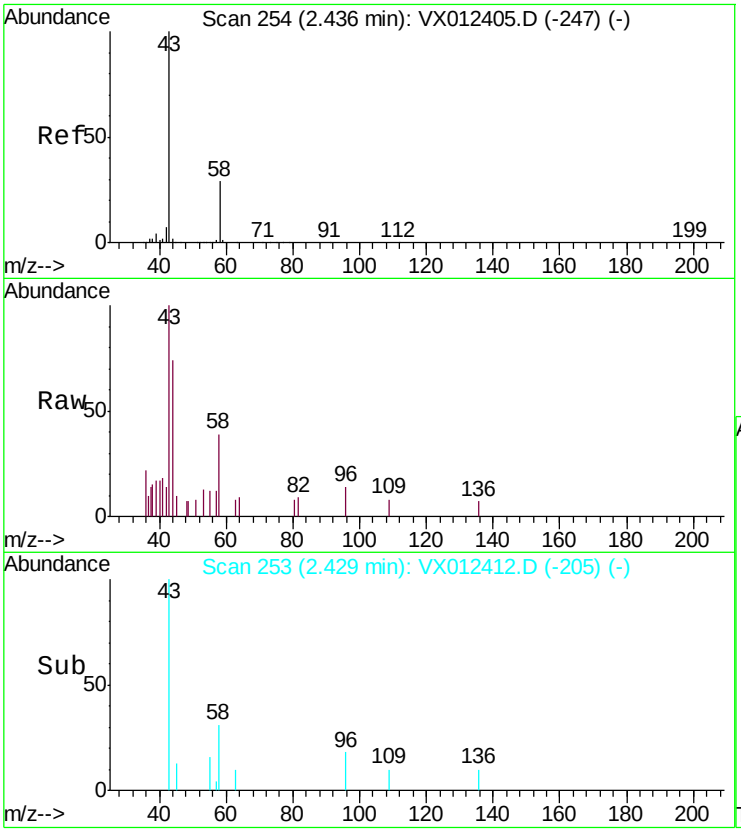




#15
Acrylonitrile
Concen: 0.678 ug/l
RT: 3.15 min Scan# 371
Delta R.T. 0.02 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion: 53 Resp: 674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 49.0 | 67.4 | 101.2# |
| 51 | 37.4 | 29.8 | 44.6 |



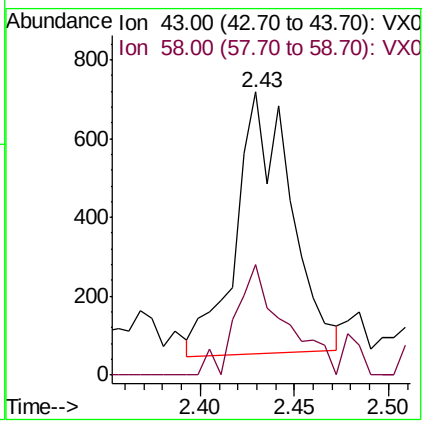


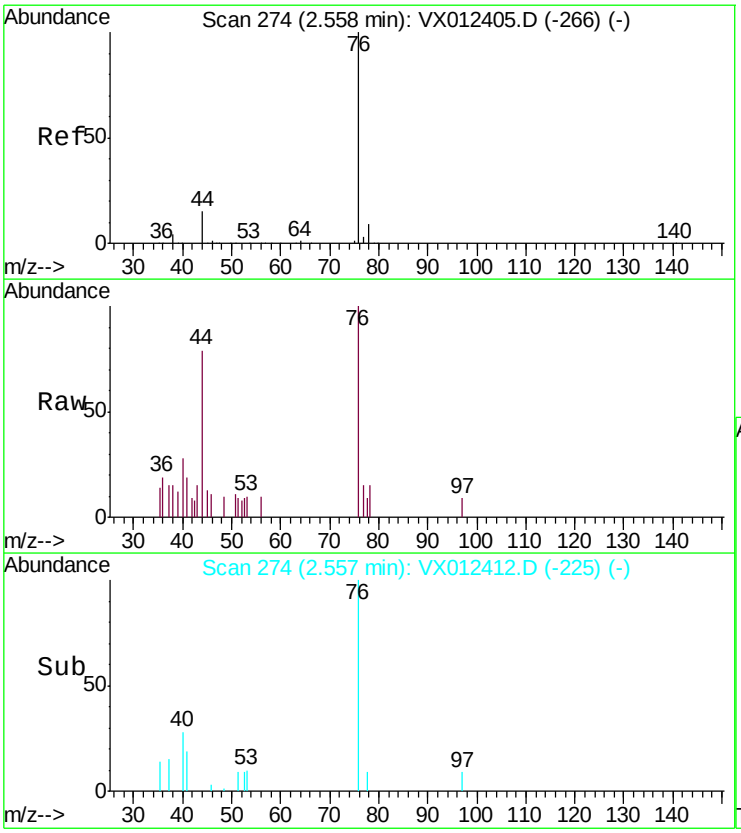

#16
Acetone
Concen: 1.245 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion: 43 Resp: 1332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 44.6 | 23.5 | 35.3# |

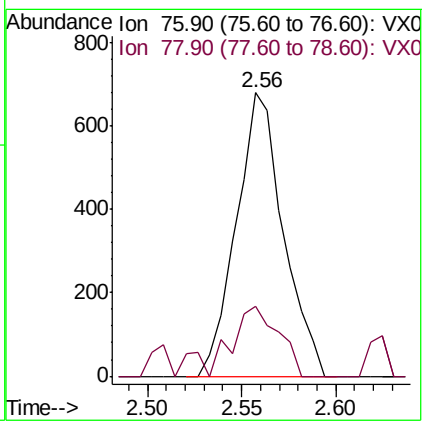


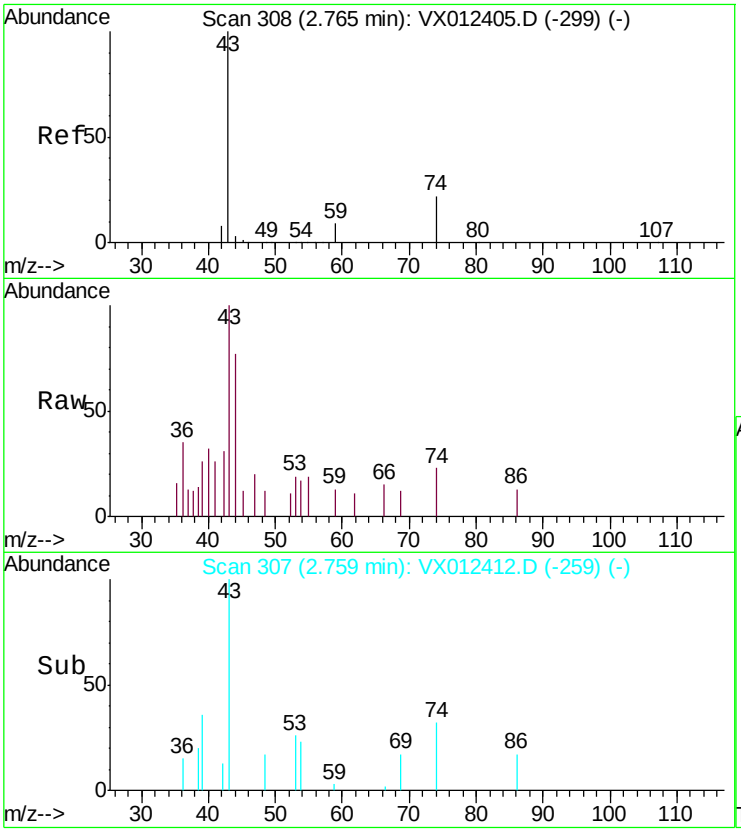




#17
Carbon Disulfide
Concen: 2.263 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion: 76 Resp: 1175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 24.7 | 7.1 | 10.7# |



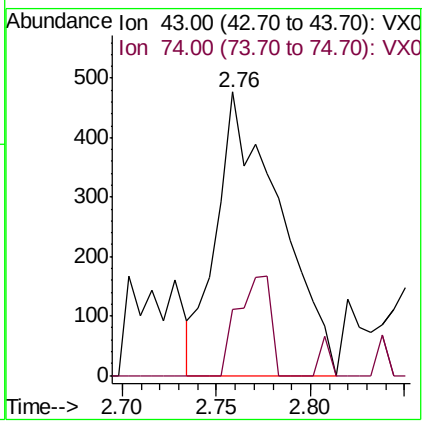


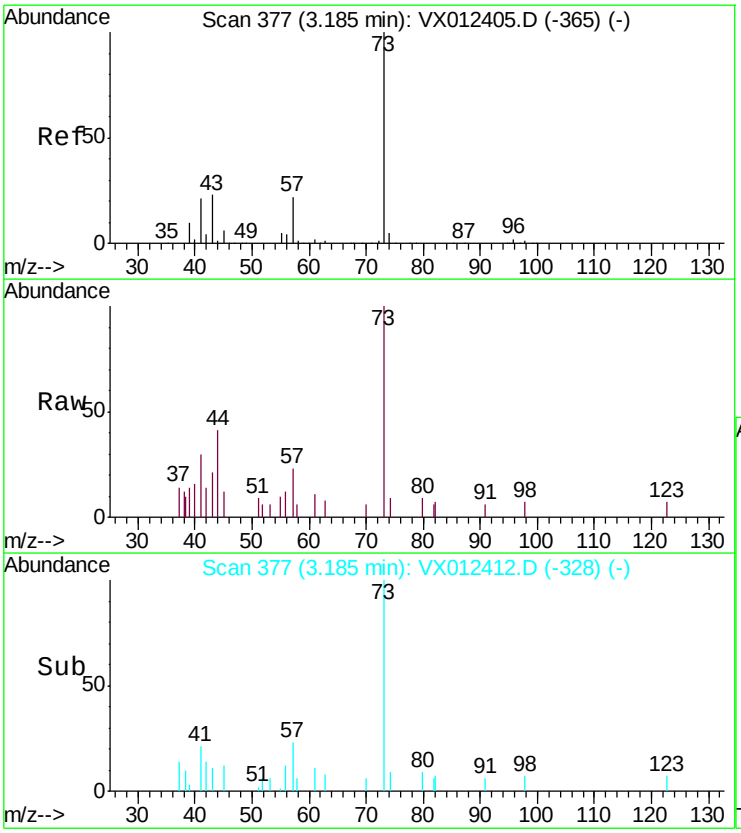

#18
Methyl Acetate
Concen: 0.466 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion: 43 Resp: 1109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 18.4 | 18.2 | 27.2 |

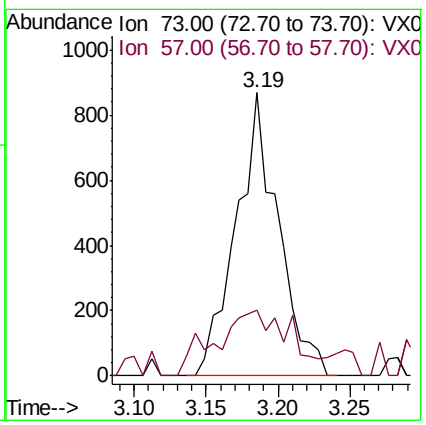


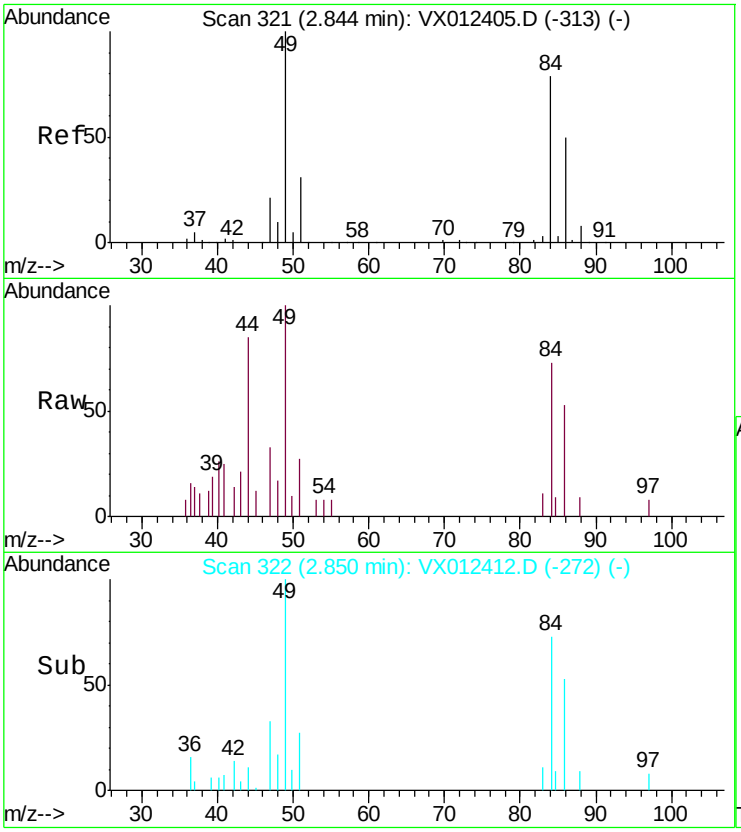




#19
Methyl tert-butyl Ether
Concen: 0.322 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion: 73 Resp: 1763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 16.1 | 17.8 | 26.6# |



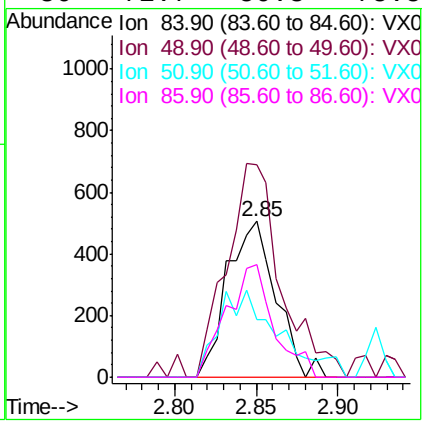


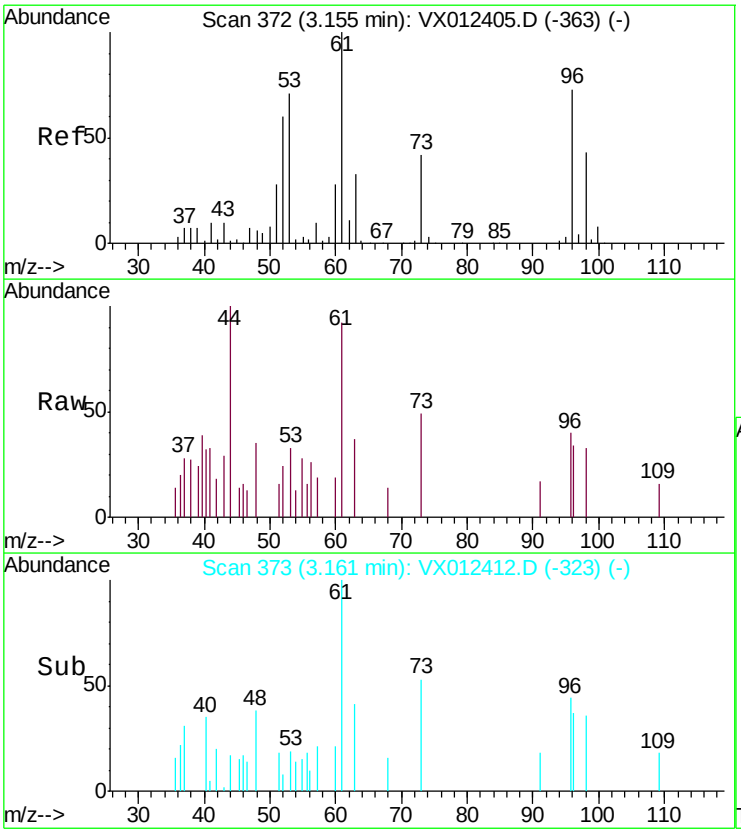

#20
Methylene Chloride
Concen: 0.720 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :** MSVOA_X
**ClientSampleId :** S13-TB-2019-2

Tgt Ion: 84 Resp: 1051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 136.4 | 101.7 | 152.5 |
| 51 | 36.8 | 31.2 | 46.8 |
| 86 | 72.7 | 50.3 | 75.5 |

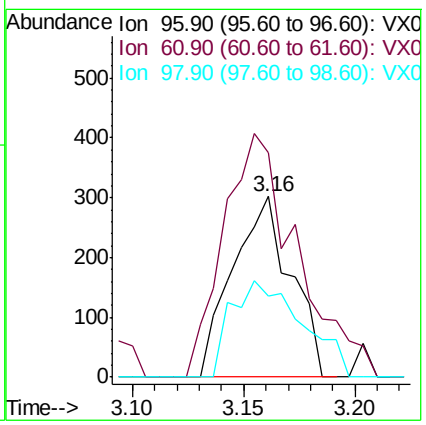


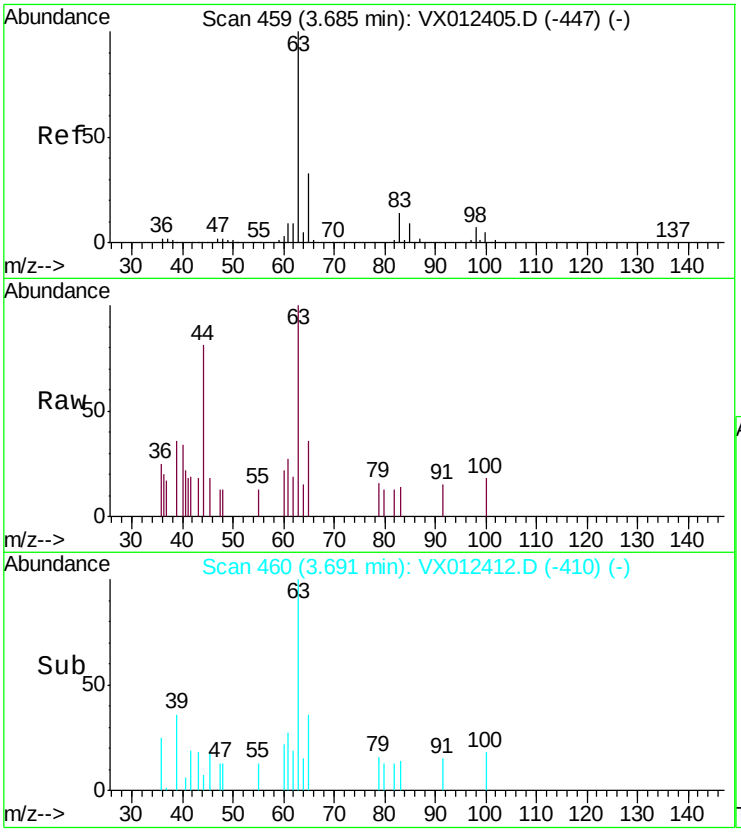




#21
trans-1,2-Dichloroethene
Concen: 0.503 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion: 96 Resp: 549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 124.2 | 109.7 | 164.5 |
| 98 | 44.7 | 47.0 | 70.6# |



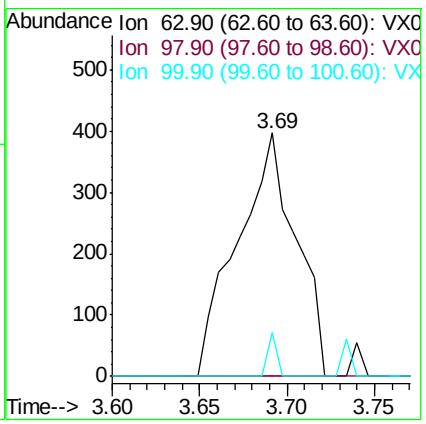


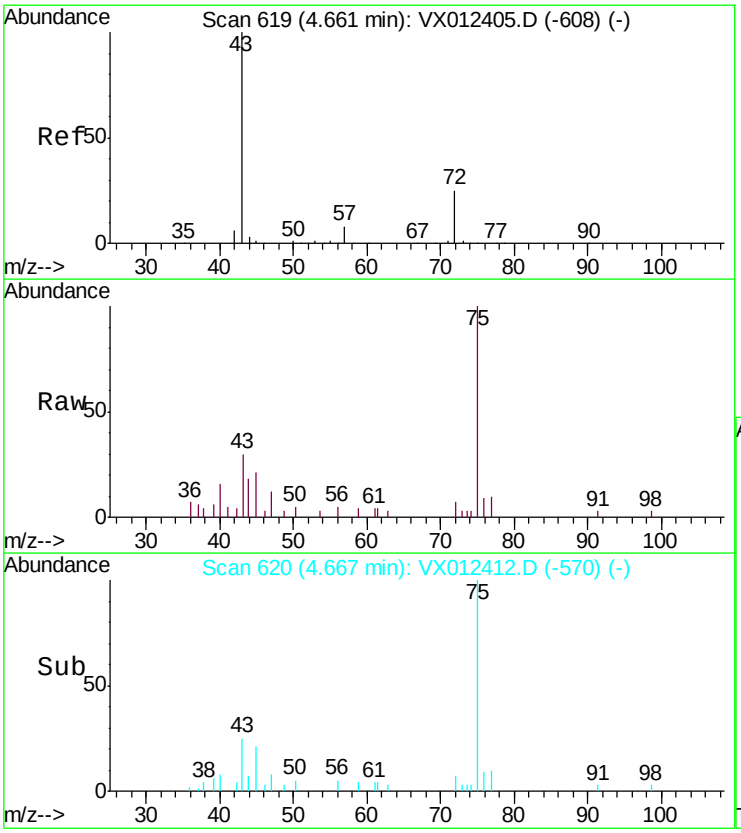

#24
1,1-Dichloroethane
Concen: 0.344 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion: 63 Resp: 925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 0.0 | 3.5 | 10.6# |
| 100 | 18.1 | 2.5 | 7.5# |

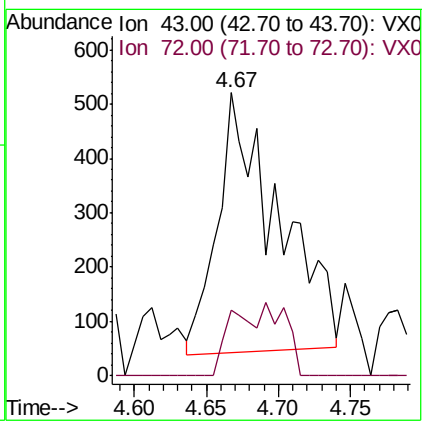


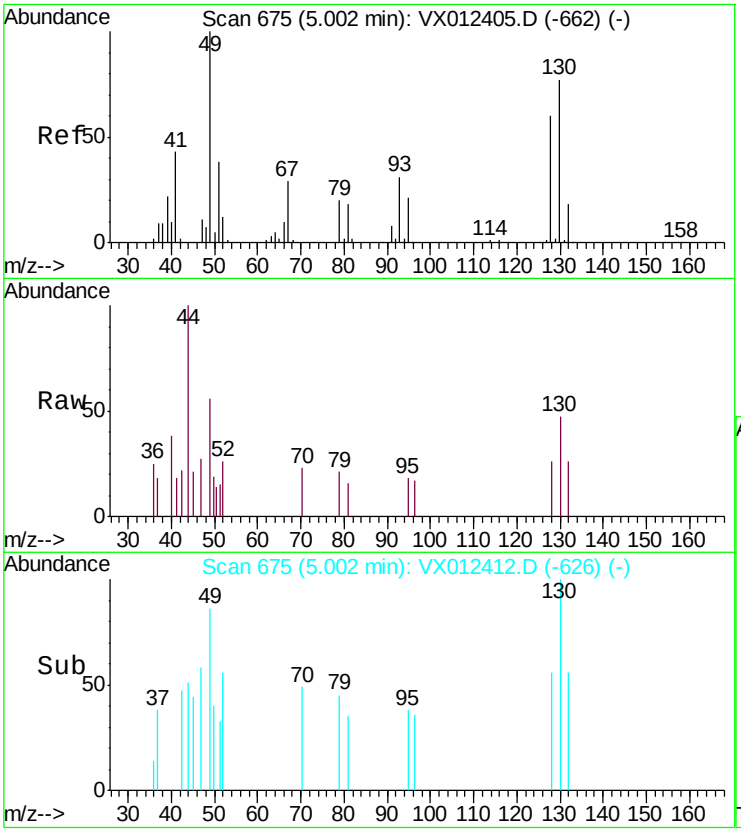




#25
2-Butanone
Concen: 0.920 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion: 43 Resp: 1402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.5 | 19.8 | 29.6 |



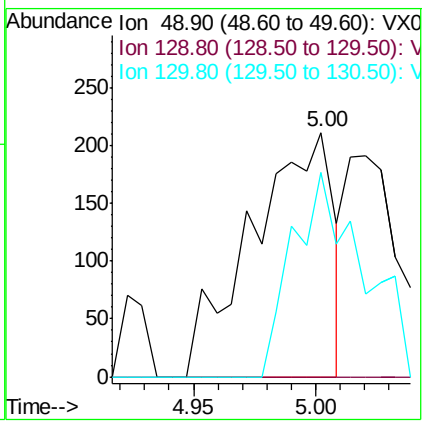


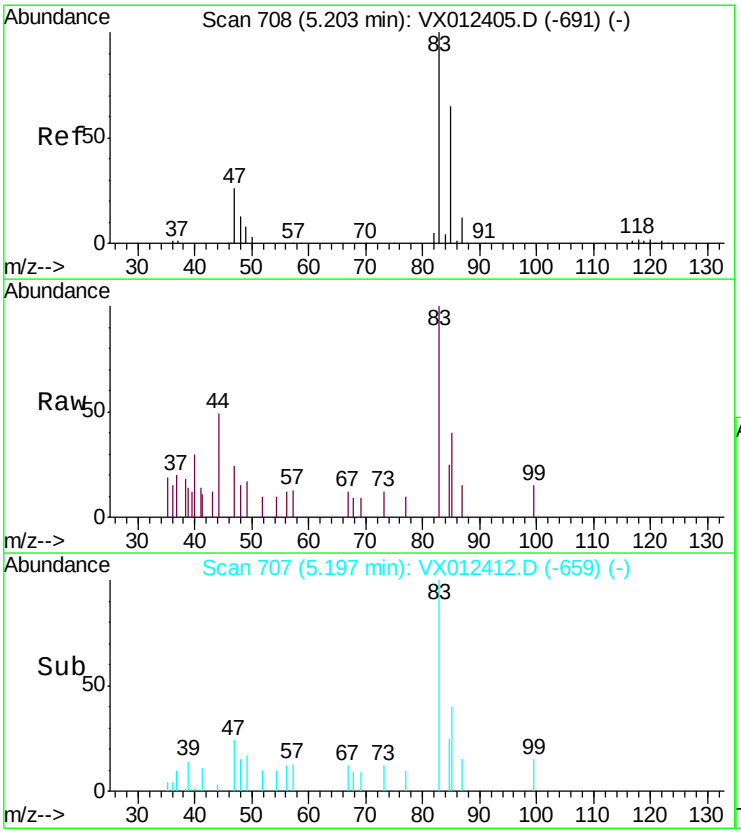

#28
Bromochloromethane
Concen: 0.355 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion: 49 Resp: 488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.0 | 0.0 | 4.6 |
| 130 | 72.5 | 61.3 | 91.9 |

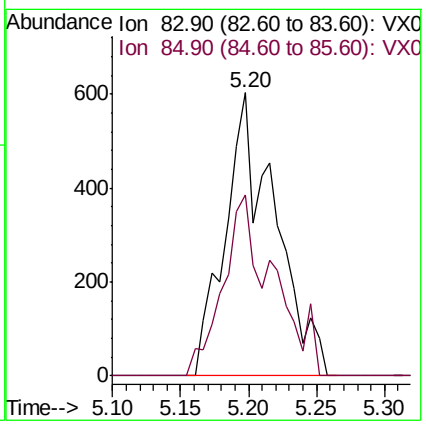


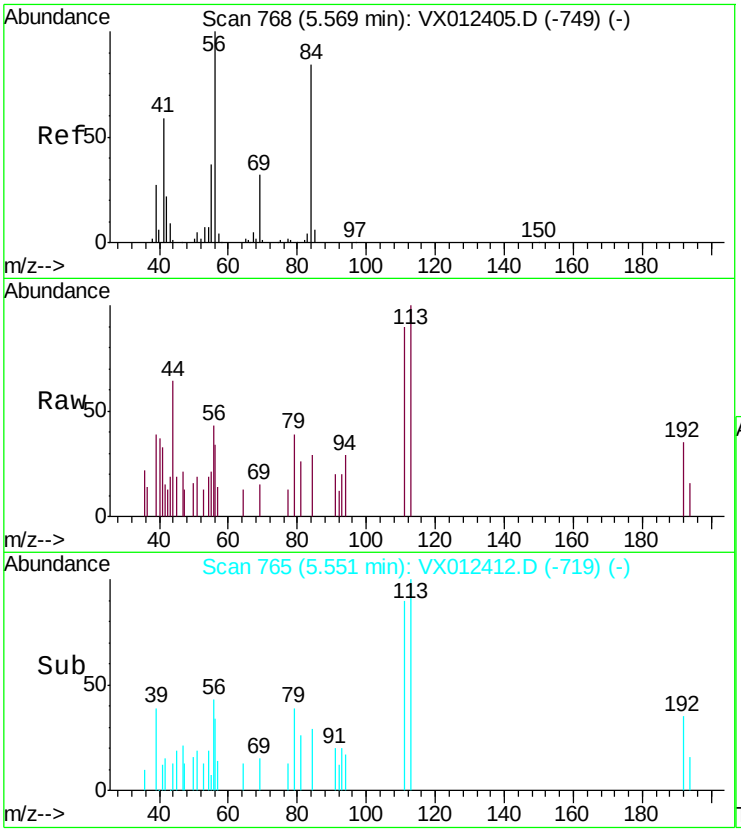




#30
Chloroform
Concen: 0.497 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion: 83 Resp: 1543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.2 | 51.9 | 77.9 |



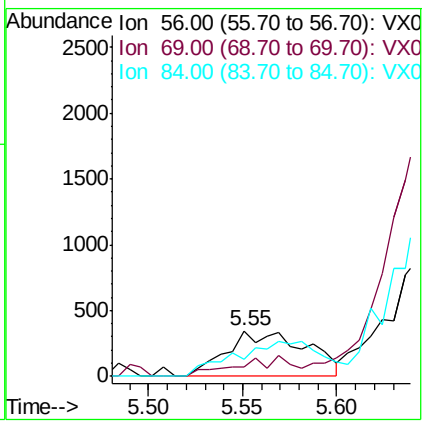


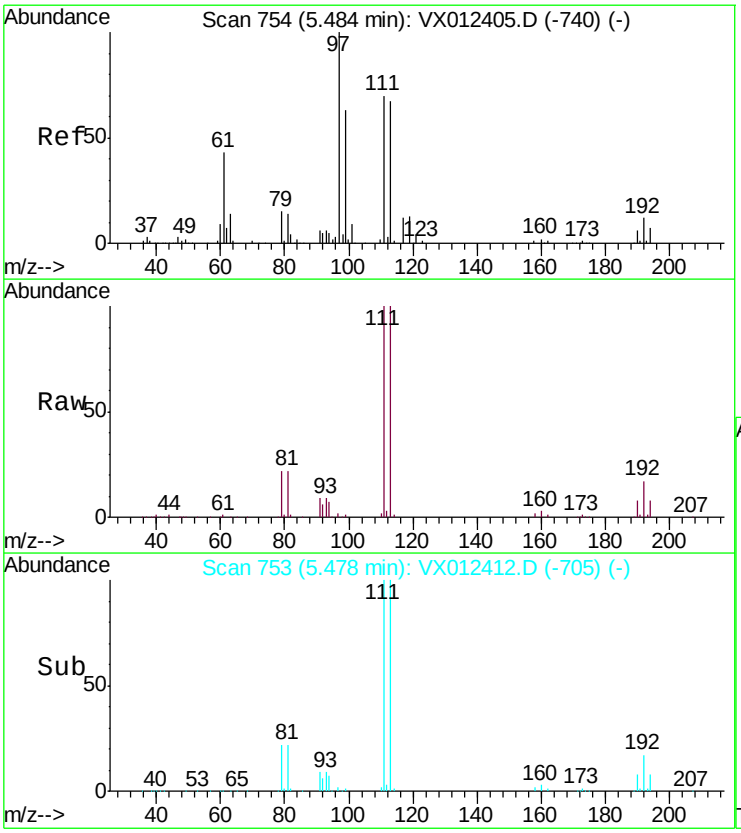

#31
Cyclohexane
Concen: 0.608 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.02 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion: 56 Resp: 995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 19.0 | 24.9 | 37.3# |
| 84 | 38.2 | 67.2 | 100.8# |

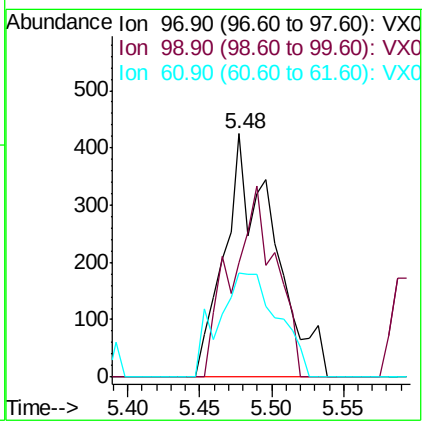


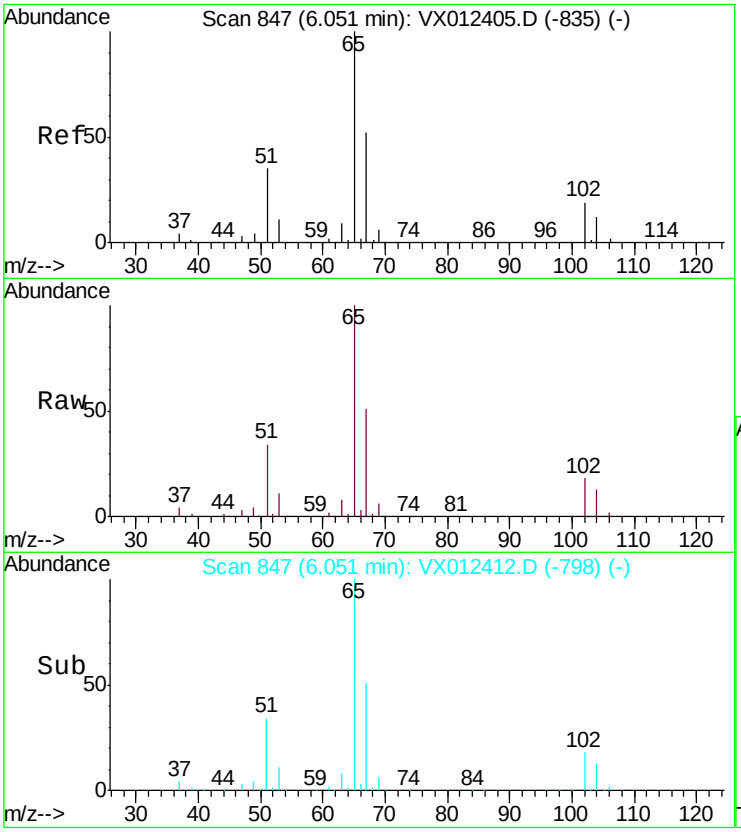




#32
1,1,1-Trichloroethane
Concen: 0.390 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion: 97 Resp: 1005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 0.0 | 51.7 | 77.5# |
| 61 | 52.1 | 35.7 | 53.5 |



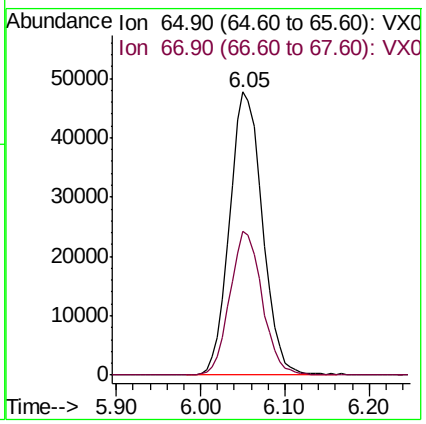


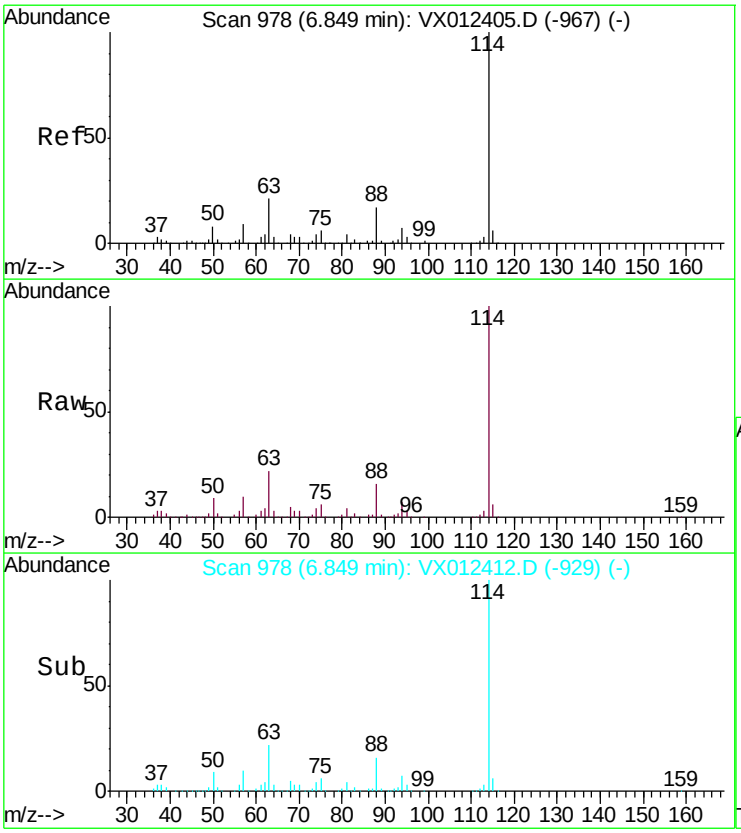

#33
1,2-Dichloroethane-d4
Concen: 52.894 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion: 65 Resp: 125974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 49.9 | 0.0 | 102.8 |

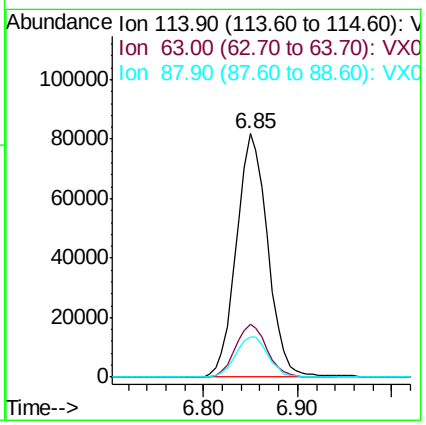


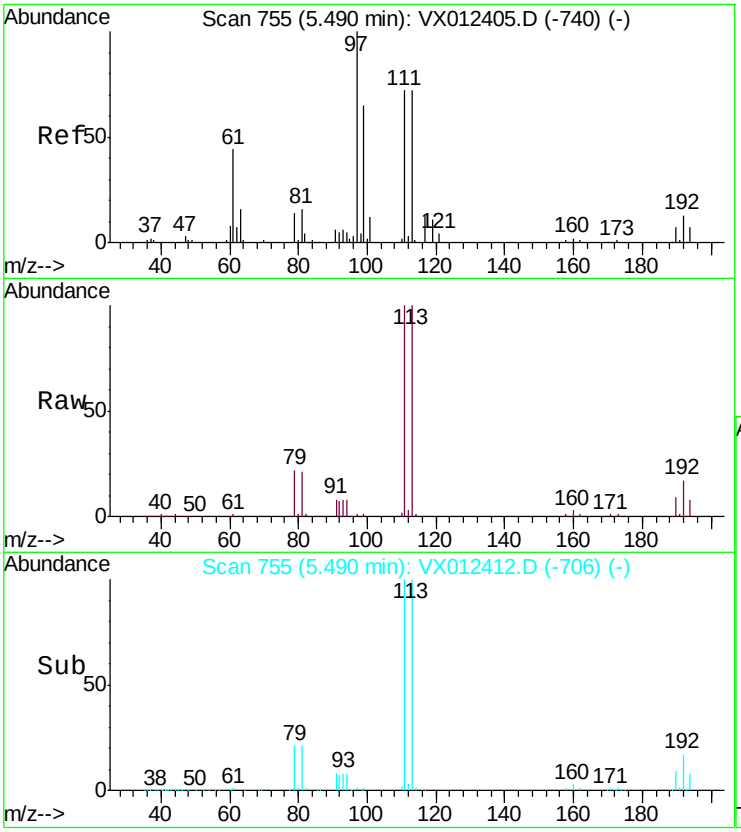




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion:114 Resp: 190739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.9 | 0.0 | 42.4 |
| 88 | 16.4 | 0.0 | 33.4 |



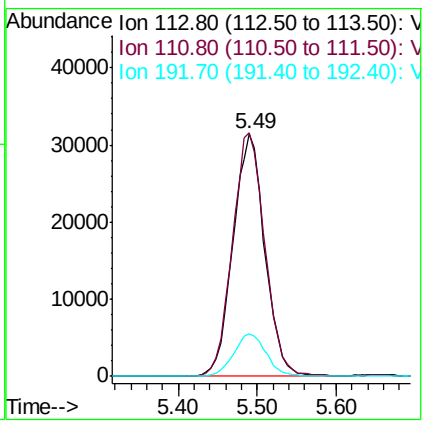


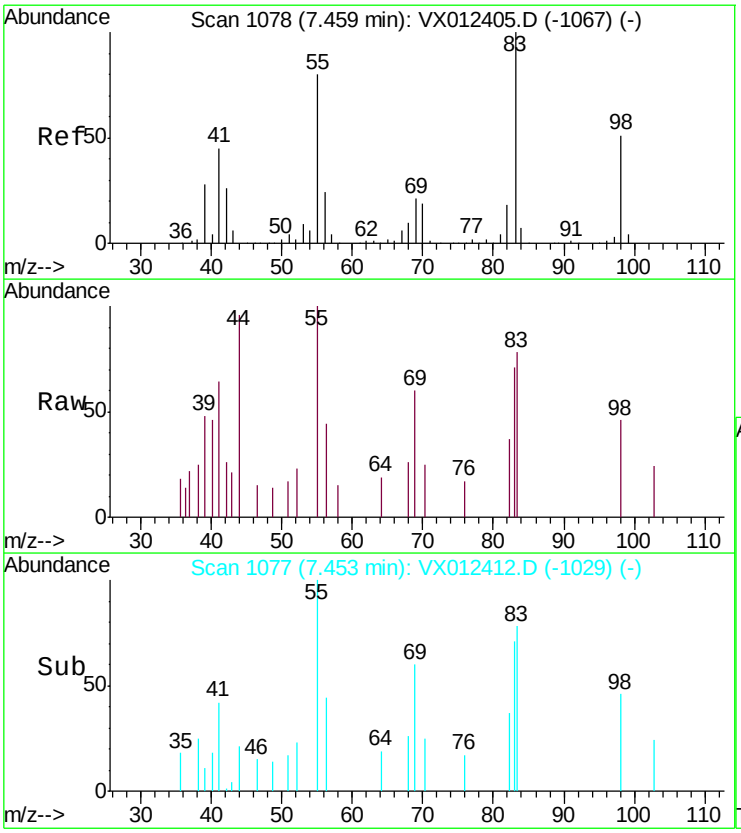

#35
Dibromofluoromethane
Concen: 47.504 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion:113 Resp: 87772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.9 | 81.8 | 122.6 |
| 192 | 18.1 | 15.0 | 22.4 |

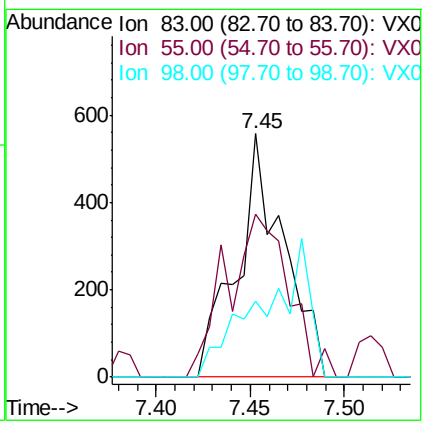


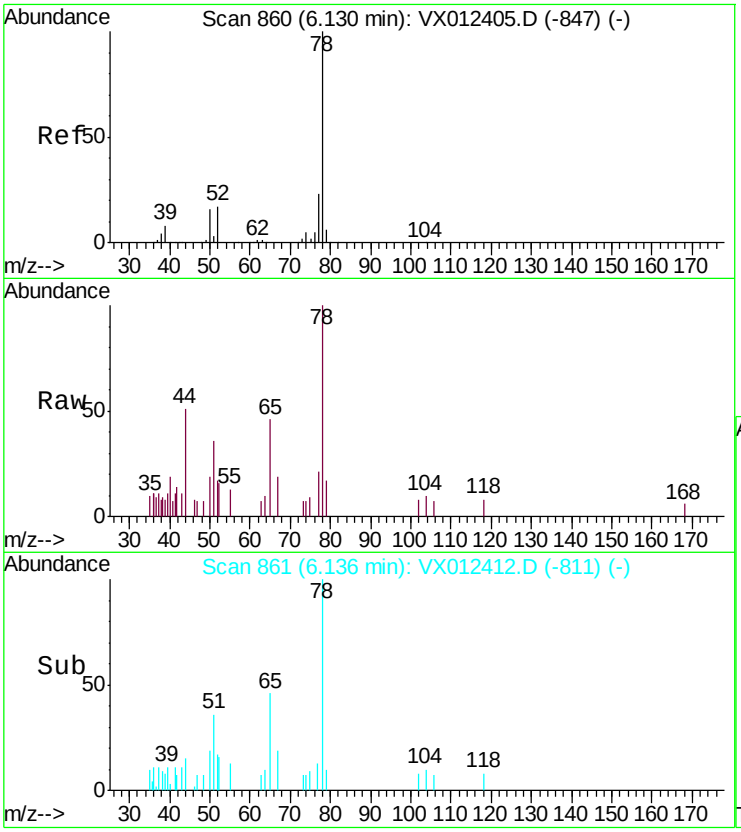




#39
Methylcyclohexane
Concen: 0.568 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion: 83 Resp: 961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 67.0 | 63.8 | 95.6 |
| 98 | 31.0 | 40.6 | 61.0# |



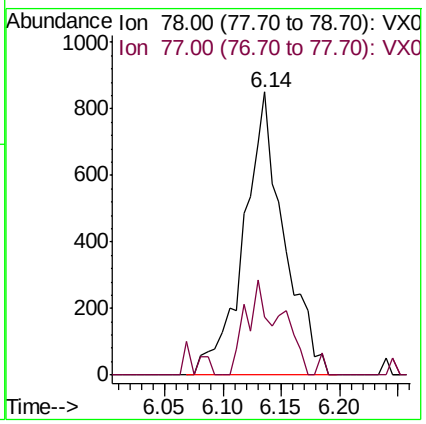


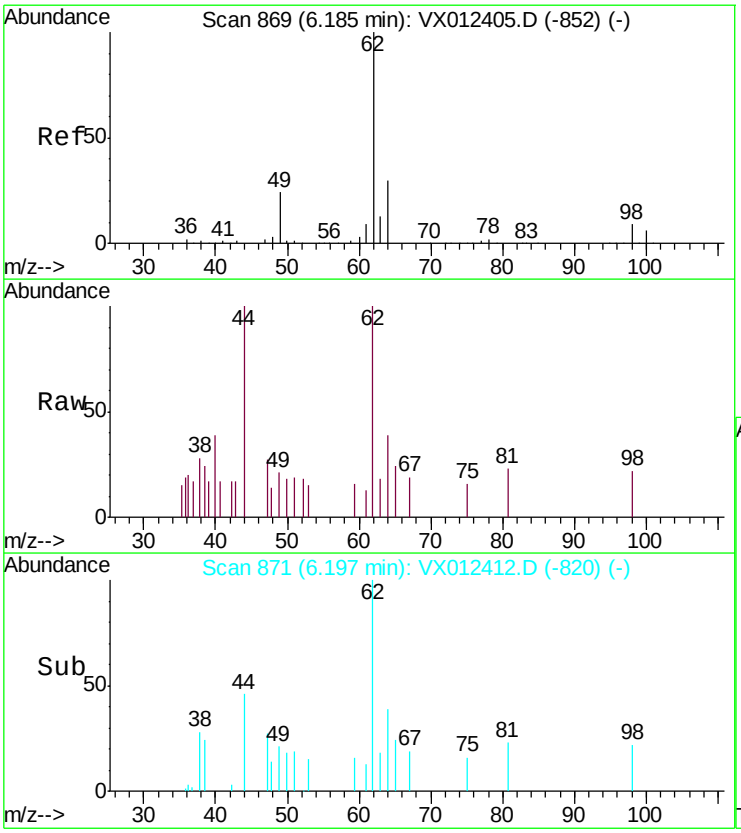

#40
Benzene
Concen: 0.374 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion: 78 Resp: 2034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 20.7 | 18.2 | 27.2 |

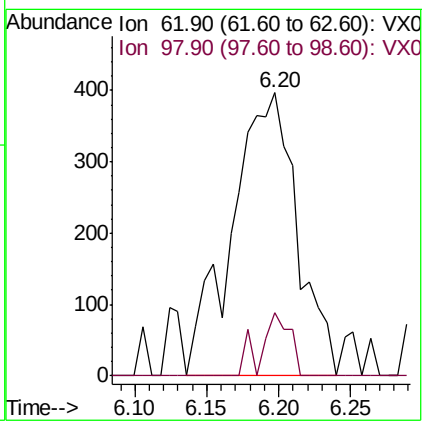


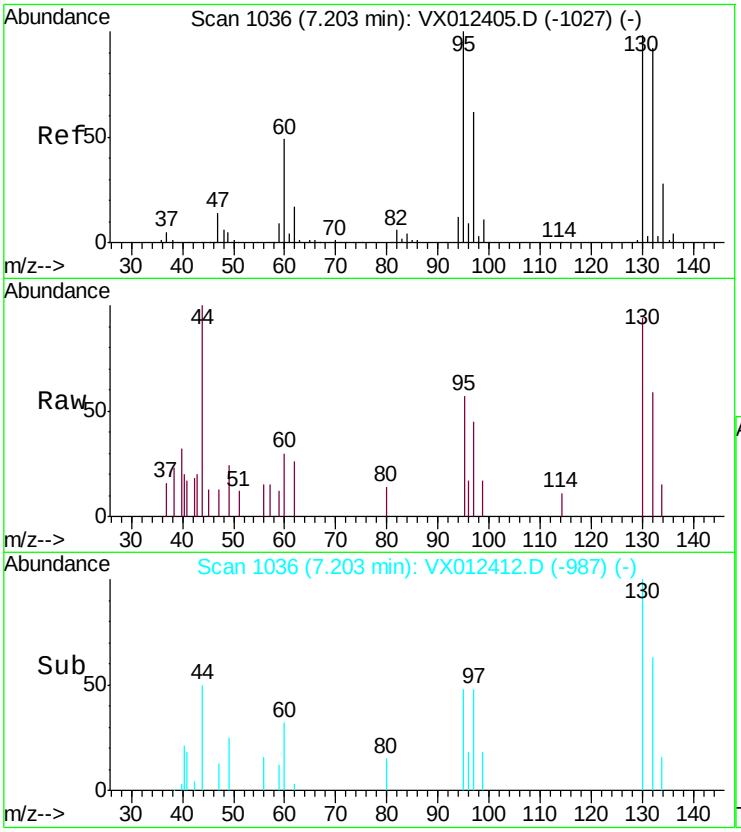




#42
1,2-Dichloroethane
Concen: 0.503 ug/l
RT: 6.20 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion: 62 Resp: 1245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.9 | 0.0 | 17.8 |



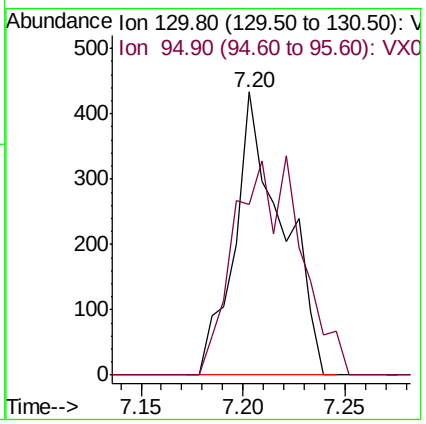


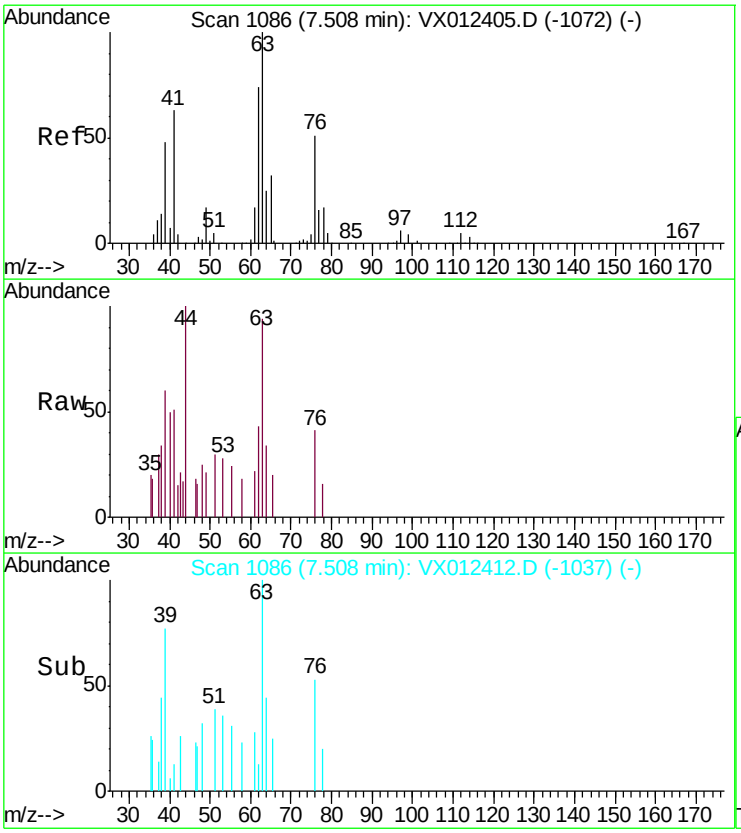

#44
Trichloroethene
Concen: 0.484 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion:130 Resp: 706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 60.5 | 0.0 | 203.2 |

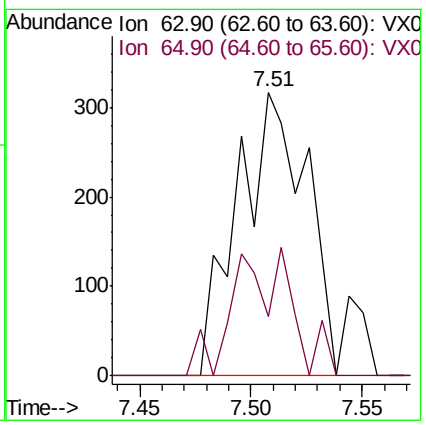


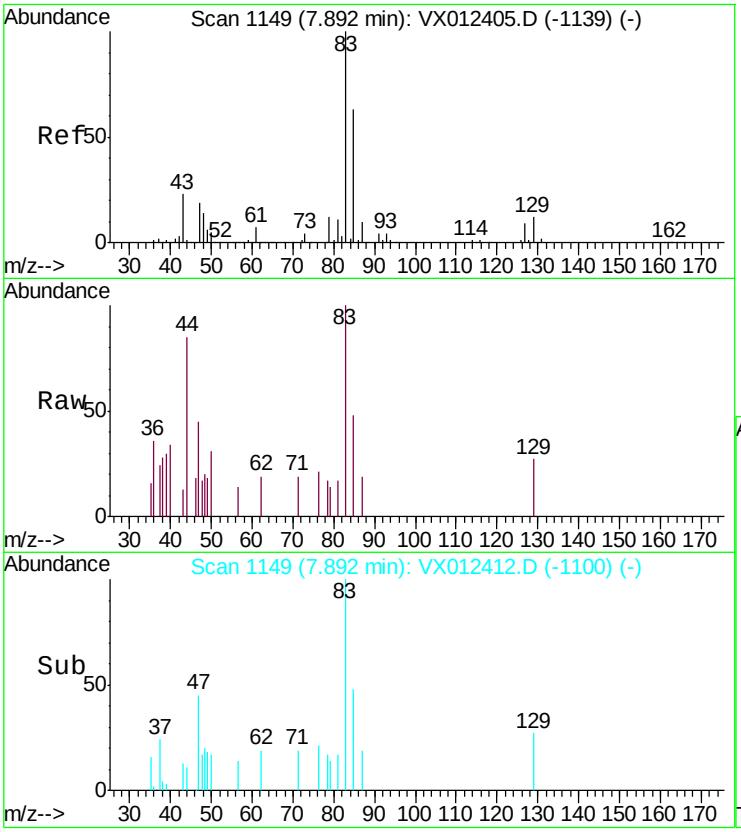




#45
1,2-Dichloropropane
Concen: 0.412 ug/l
RT: 7.51 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion: 63 Resp: 684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 20.8 | 25.6 | 38.4# |



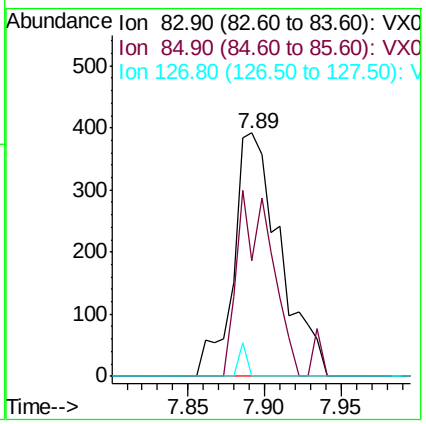


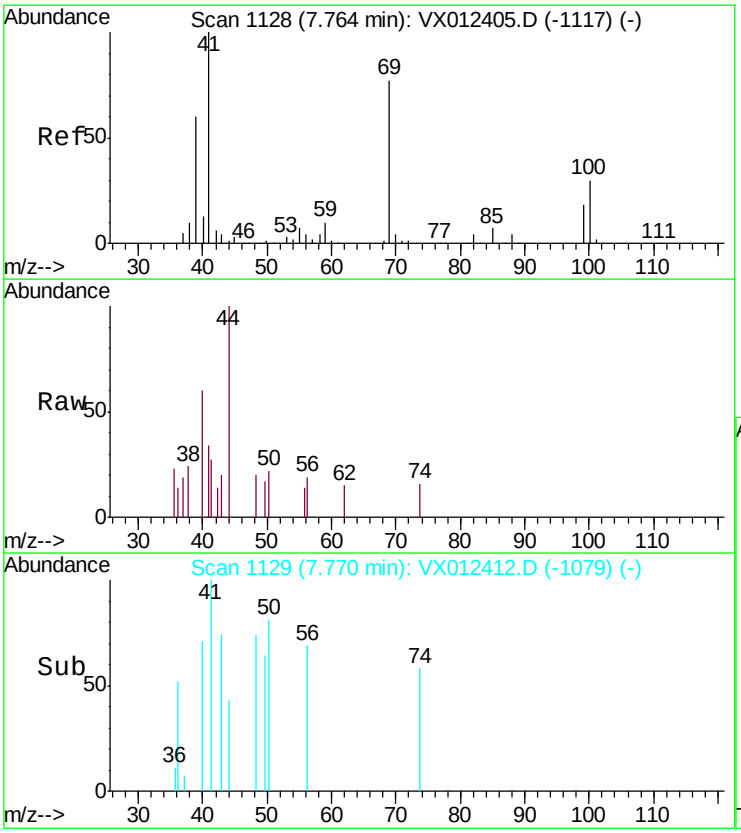

#47
Bromodichloromethane
Concen: 0.337 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion: 83 Resp: 832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 47.7 | 50.2 | 75.4# |
| 127 | 0.0 | 6.9 | 10.3# |

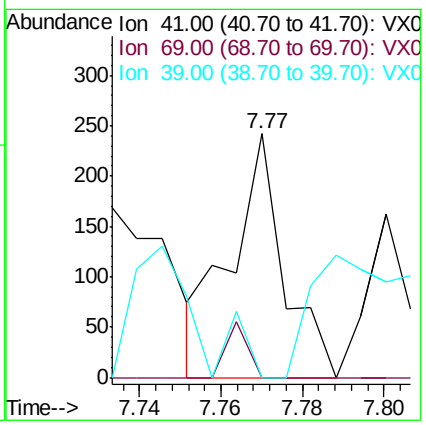


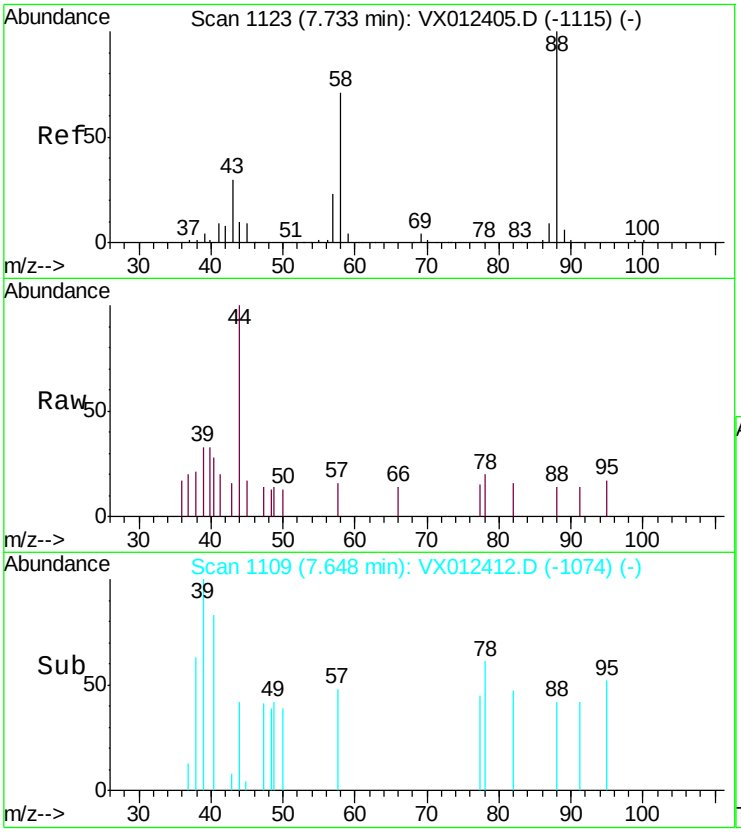




#48
Methyl methacrylate
Concen: 1.541 ug/l
RT: 7.77 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion: 41 Resp: 217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 9.2 | 61.6 | 92.4# |
| 39 | 0.0 | 47.6 | 71.4# |



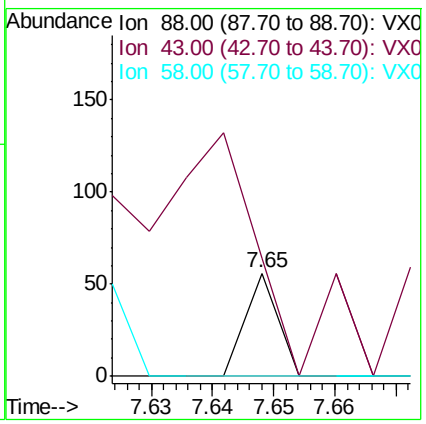


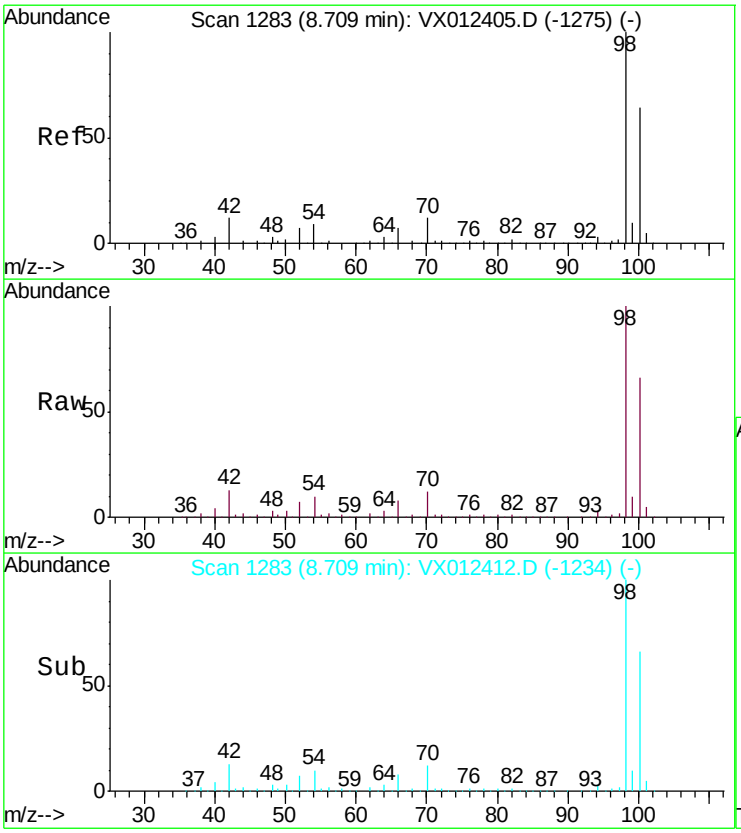

#49
1,4-Dioxane
Concen: 0.376 ug/l
RT: 7.65 min Scan# 1109
Delta R.T. -0.09 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion: 88 Resp: 20

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 1015.0 | 26.6 | 39.8# |
| 58 | 0.0 | 57.1 | 85.7# |

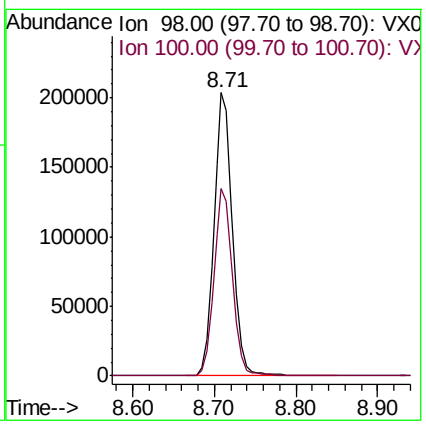


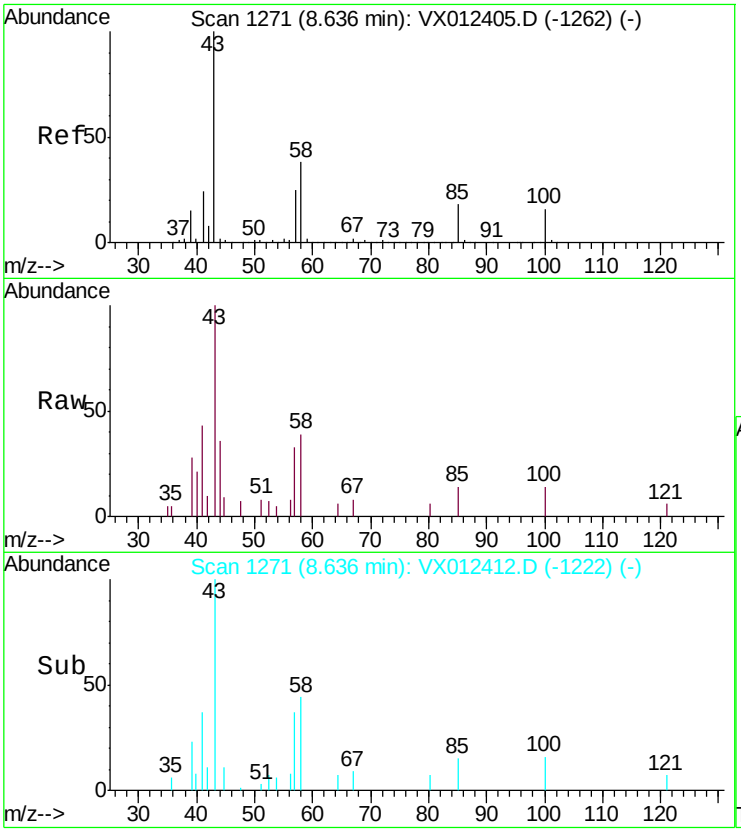




#50
Toluene-d8
Concen: 49.291 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion: 98 Resp: 323179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.6 | 54.4 | 81.6 |



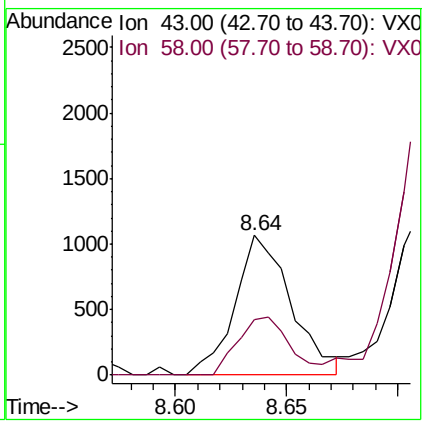


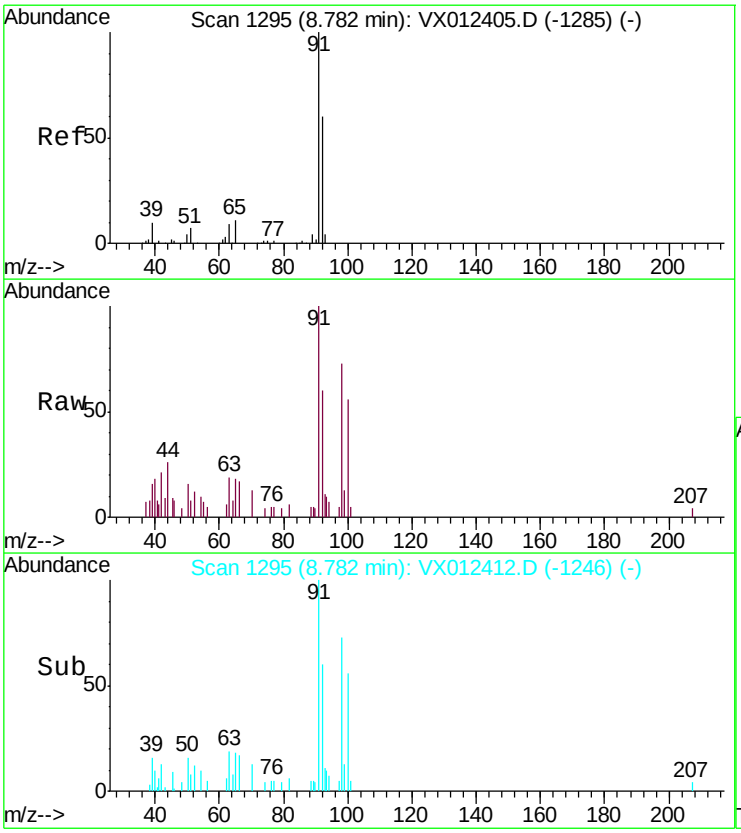

#51
4-Methyl-2-Pentanone
Concen: 0.623 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion: 43 Resp: 1881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.5 | 30.2 | 45.4 |

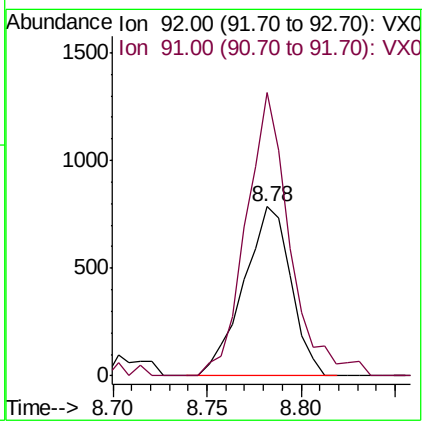


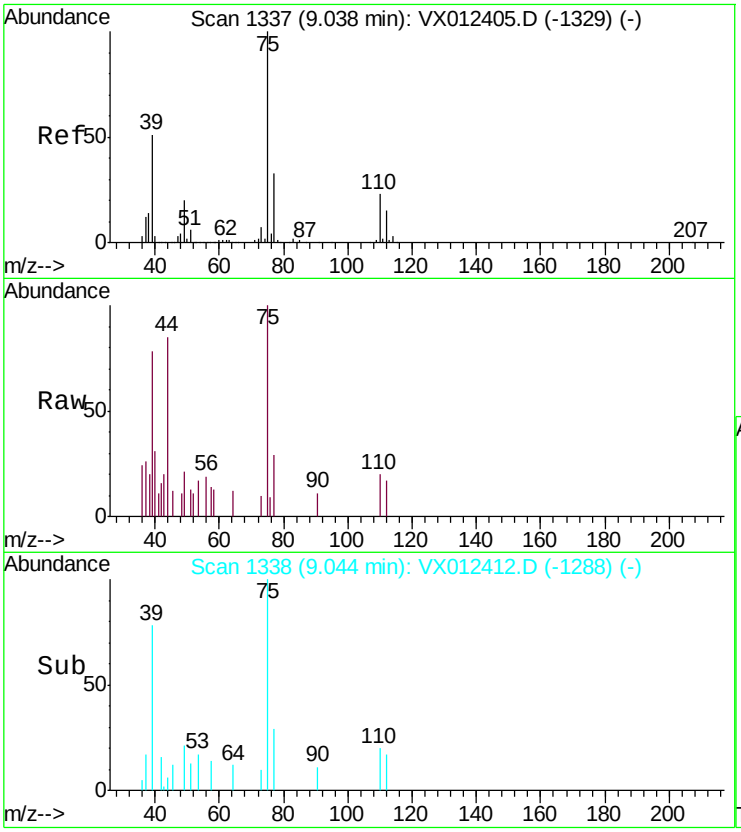




#52
Toluene
Concen: 0.386 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion: 92 Resp: 1366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 155.2 | 133.3 | 199.9 |



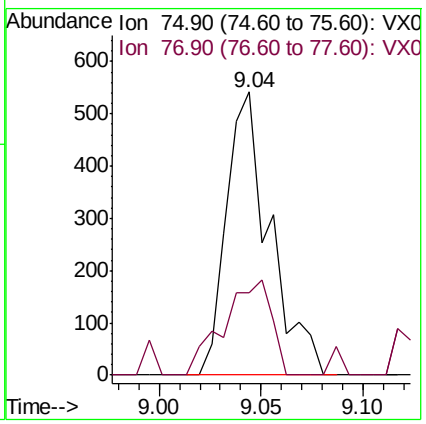


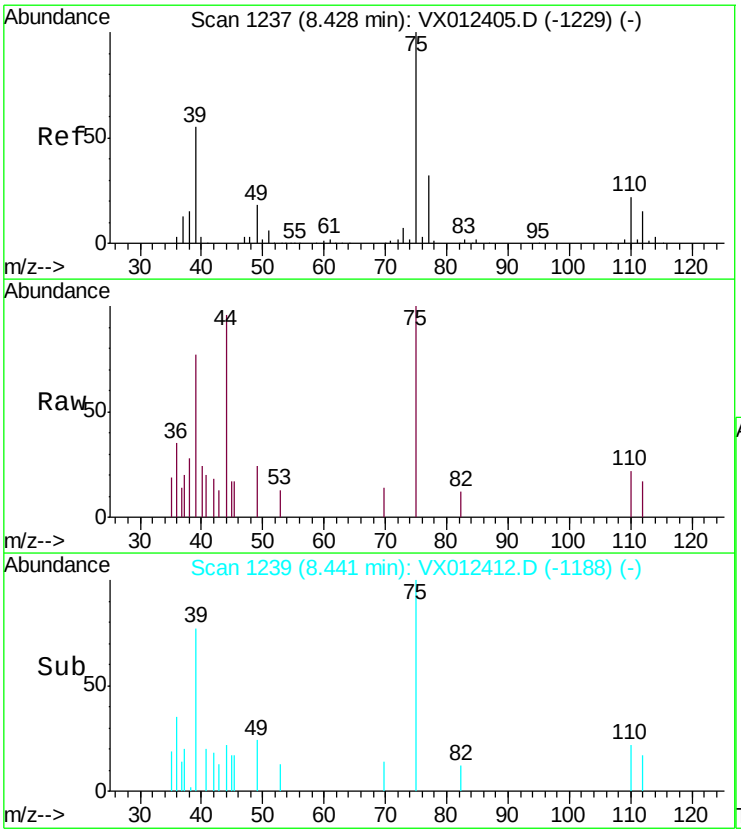

#53
t-1,3-Dichloropropene
Concen: 0.311 ug/l
RT: 9.04 min Scan# 1338
Delta R.T. 0.01 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion: 75 Resp: 797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 29.2 | 26.1 | 39.1 |

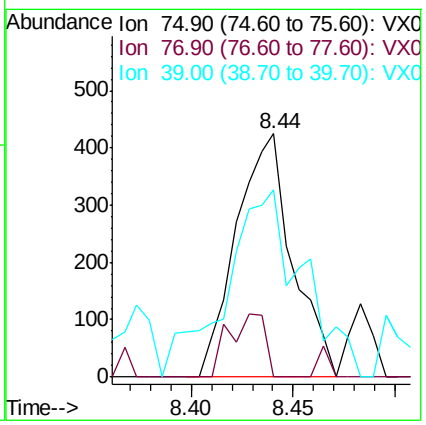


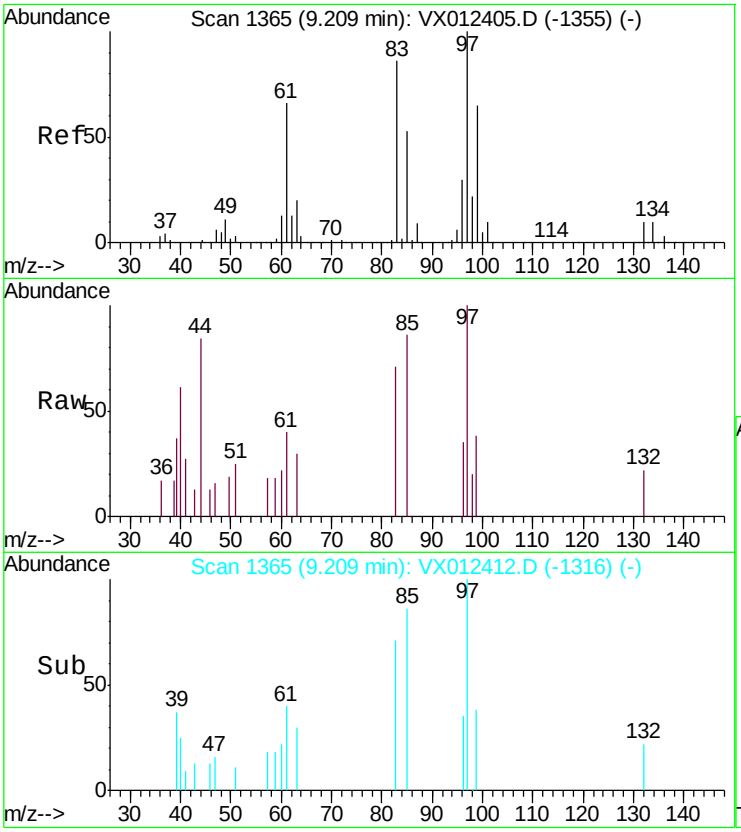




#54
cis-1,3-Dichloropropene
Concen: 0.307 ug/l
RT: 8.44 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion: 75 Resp: 813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.0 | 25.2 | 37.8# |
| 39 | 58.4 | 43.8 | 65.8 |



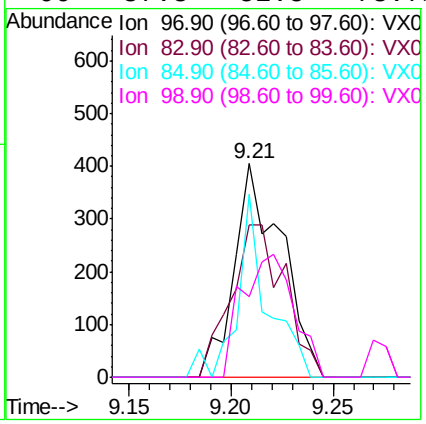


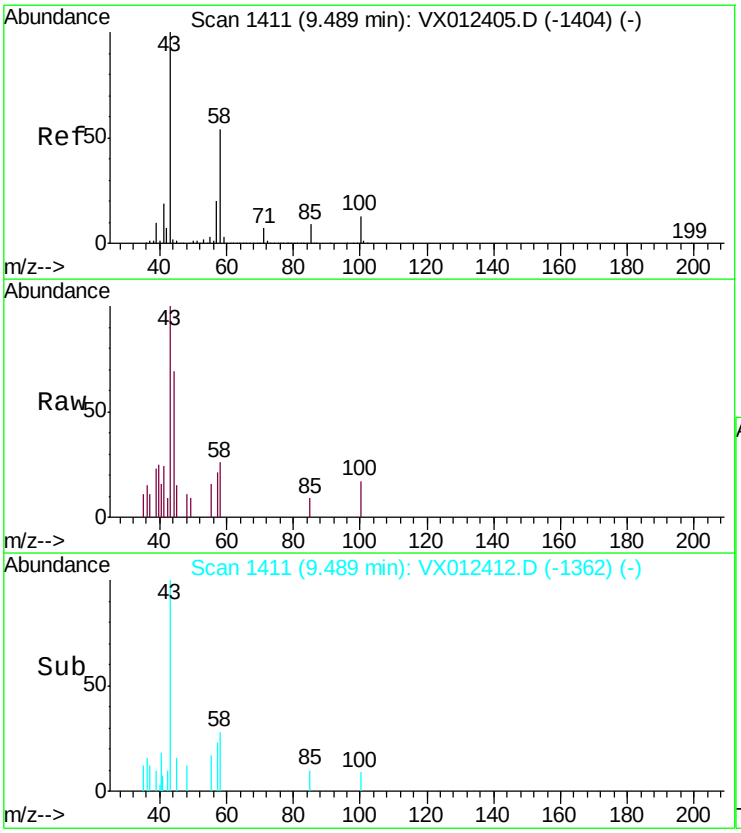

#55
1,1,2-Trichloroethane
Concen: 0.349 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion: 97 Resp: 648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 71.1 | 68.5 | 102.7 |
| 85 | 85.9 | 42.6 | 64.0# |
| 99 | 37.8 | 52.5 | 78.7# |

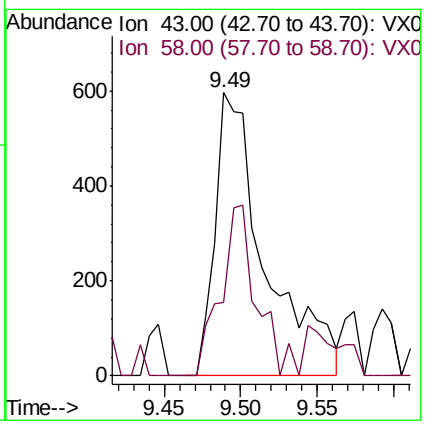


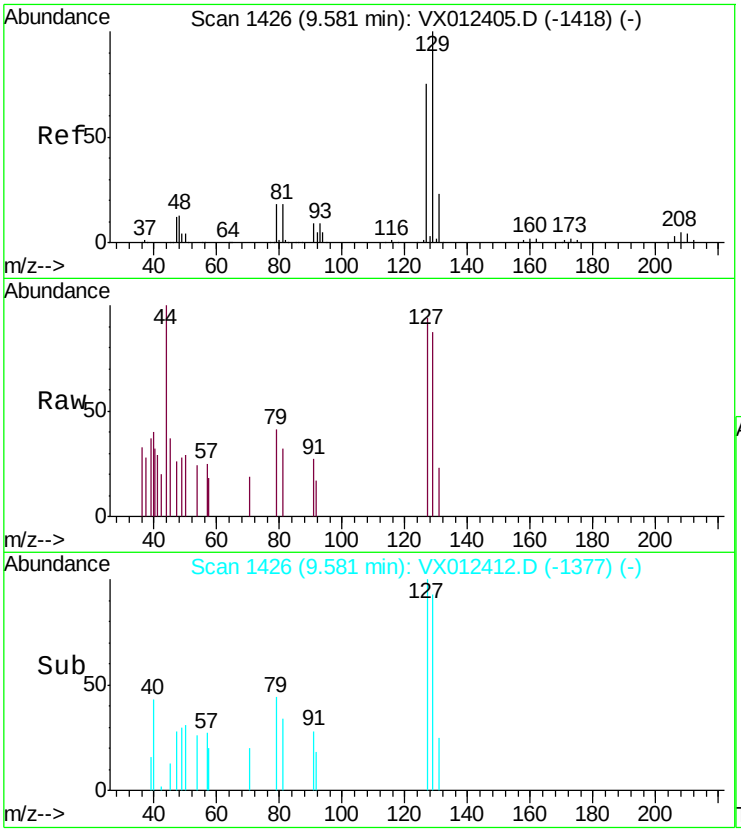




#59
2-Hexanone
Concen: 0.583 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion: 43 Resp: 1355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 43.5 | 26.4 | 79.0 |



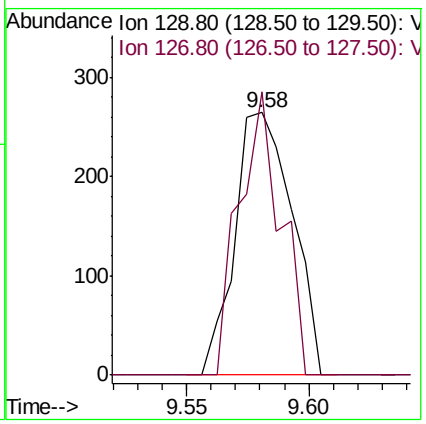


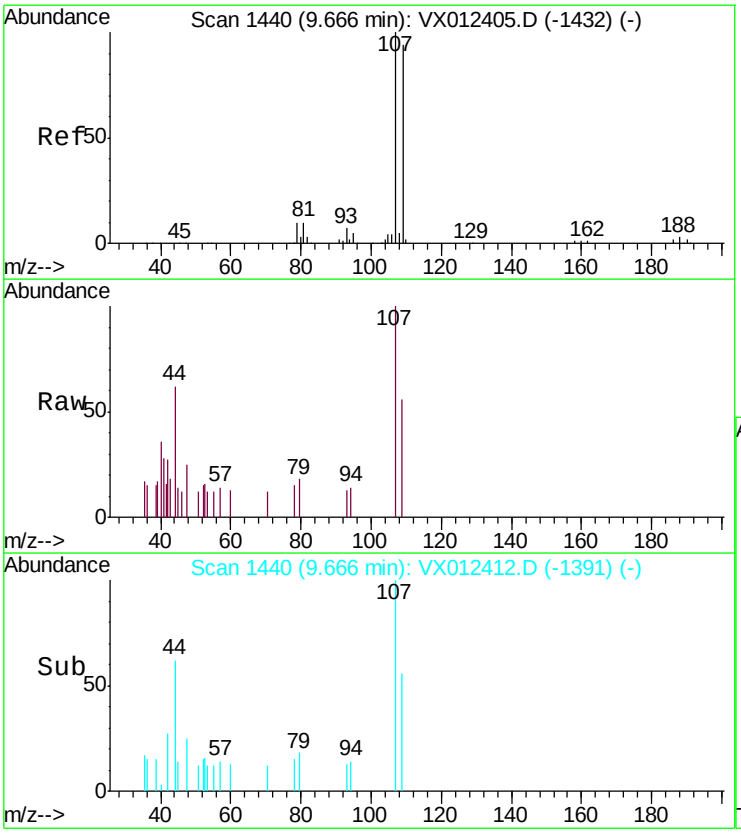

#60
Dibromochloromethane
Concen: 1.939 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion:129 Resp: 432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.7 | 38.1 | 114.3 |

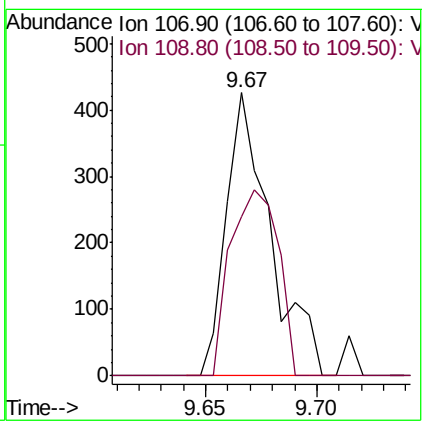


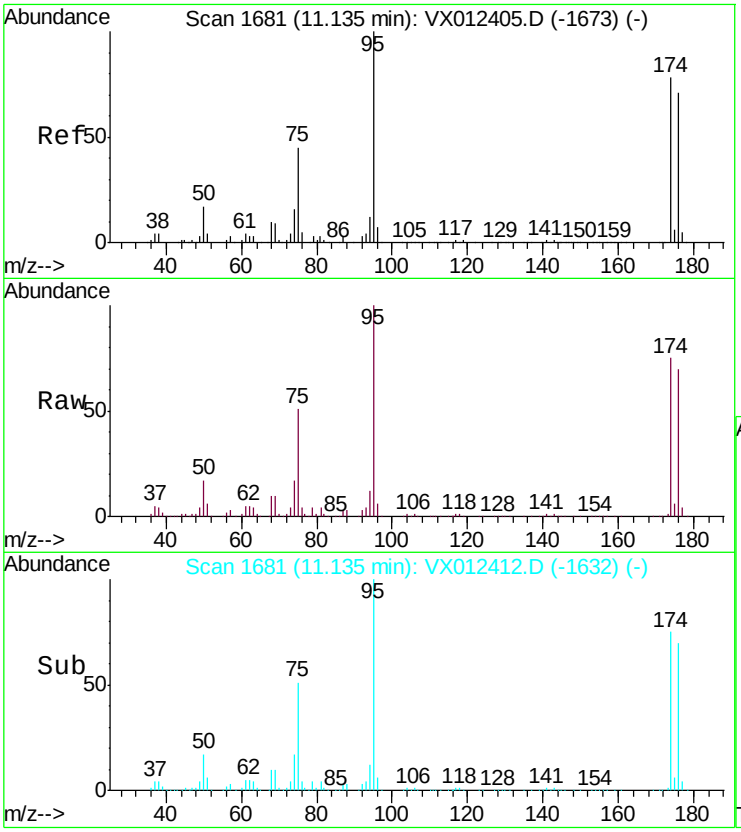




#61
1,2-Dibromoethane
Concen: 0.343 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion:107 Resp: 586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 71.7 | 75.1 | 112.7# |



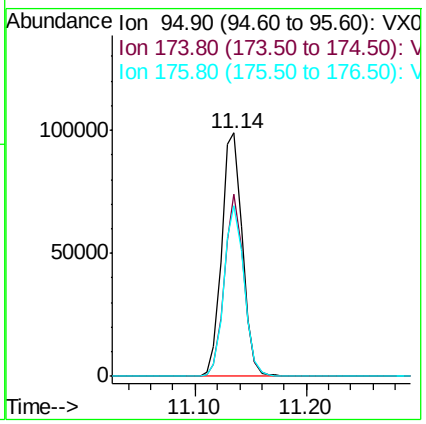


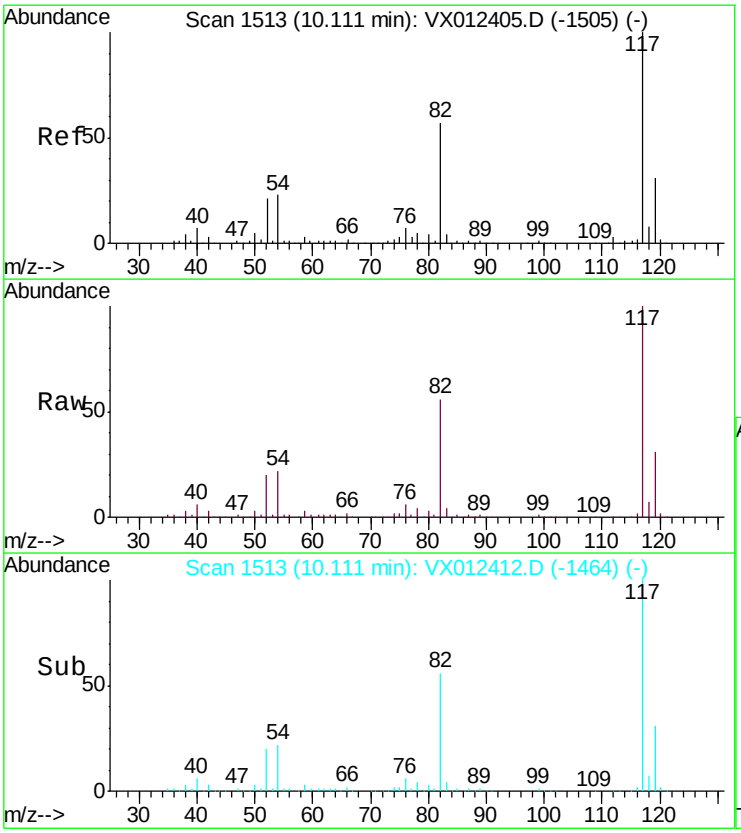

#62
4-Bromofluorobenzene
Concen: 46.186 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion: 95 Resp: 127405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 70.1 | 0.0 | 146.0 |
| 176 | 68.4 | 0.0 | 137.6 |

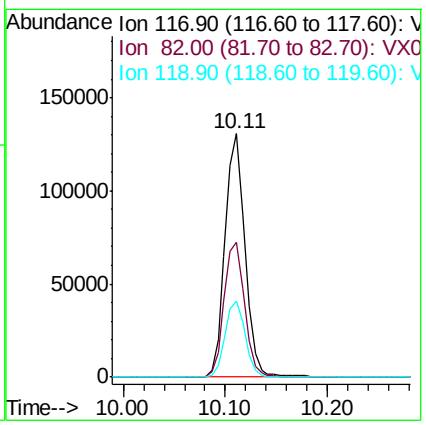


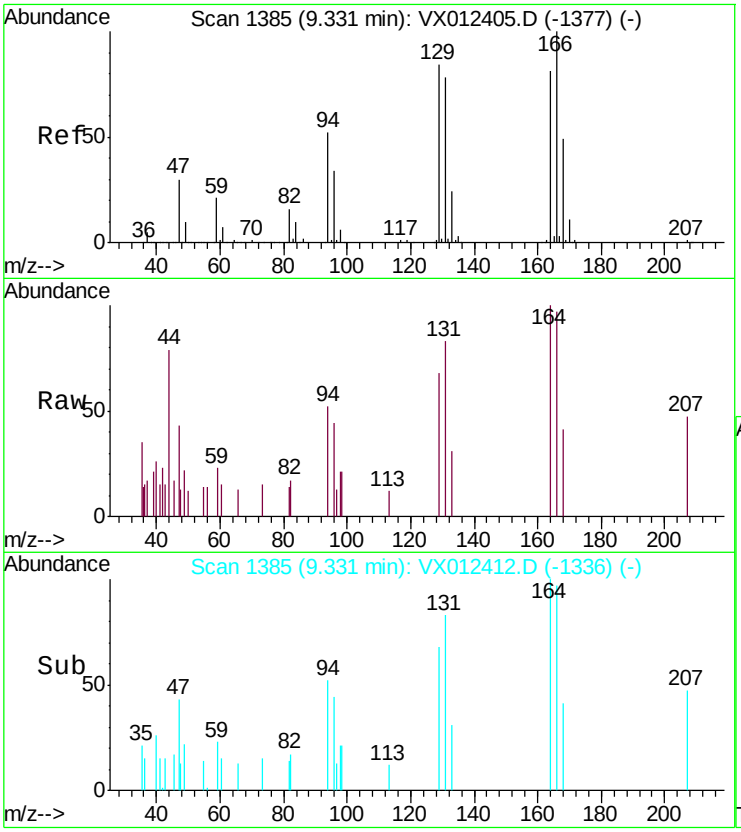




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion:117 Resp: 176951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.5 | 45.8 | 68.6 |
| 119 | 31.2 | 24.9 | 37.3 |



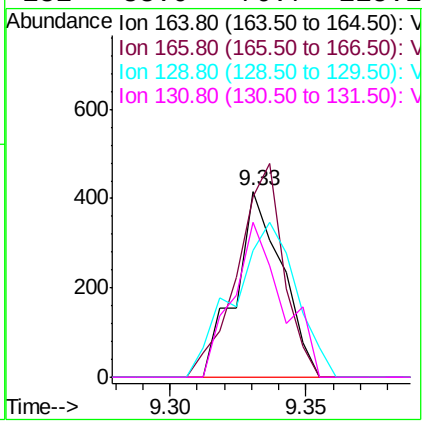


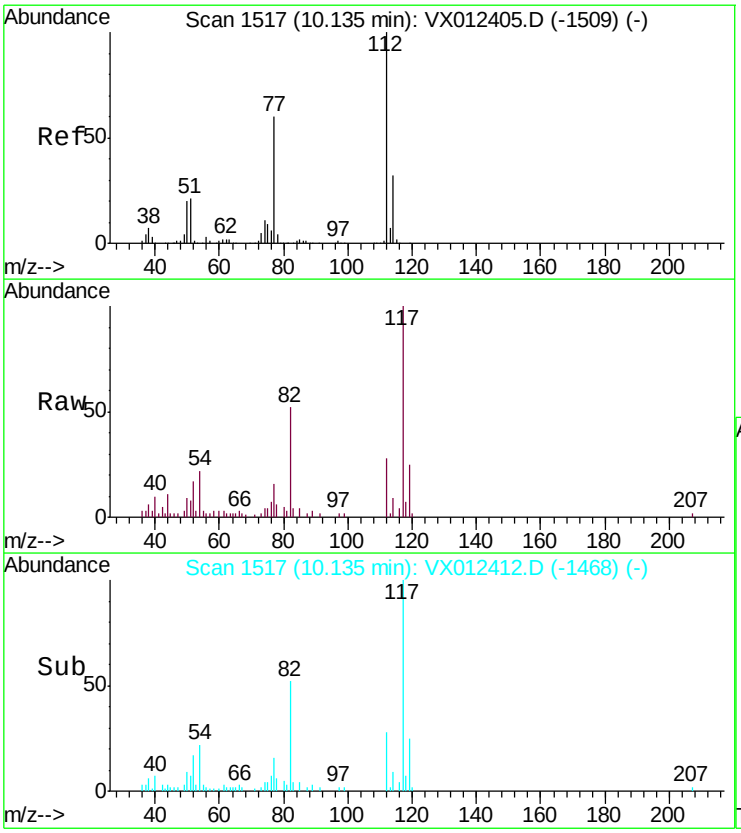

#64
Tetrachloroethene
Concen: 0.419 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion:164 Resp: 492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 97.1 | 98.2 | 147.4# |
| 129 | 68.3 | 82.6 | 123.8# |
| 131 | 83.0 | 76.7 | 115.1 |

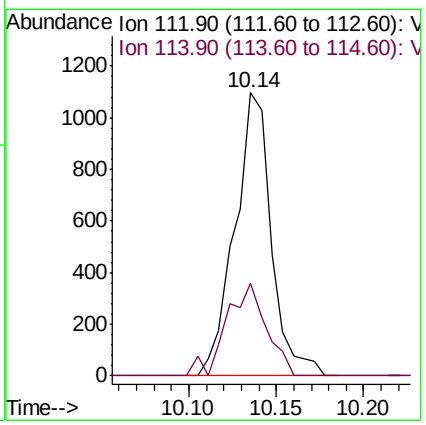


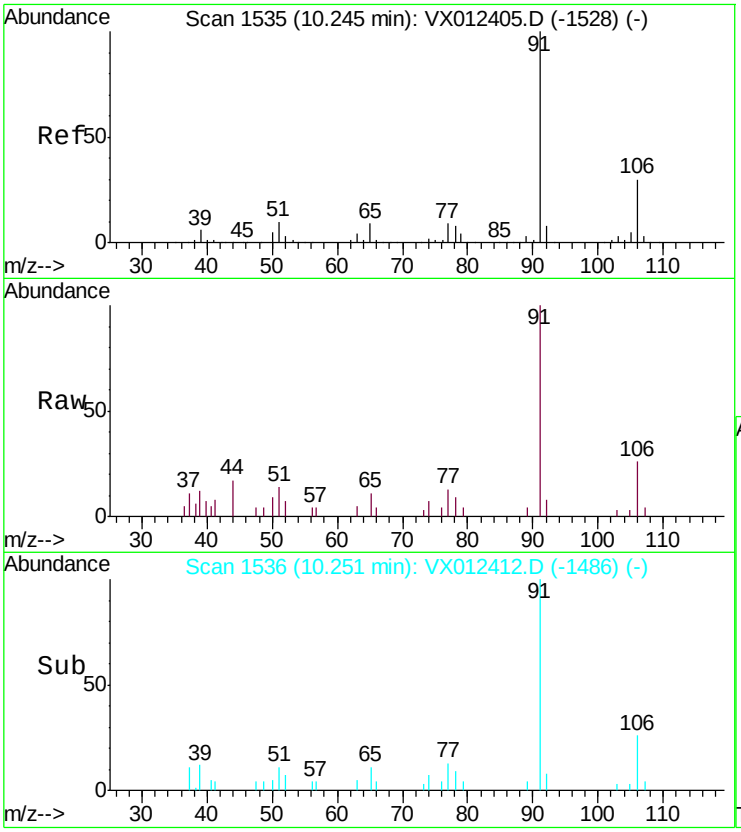




#65
Chlorobenzene
Concen: 0.385 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion:112 Resp: 1590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.5 | 25.4 | 38.2 |



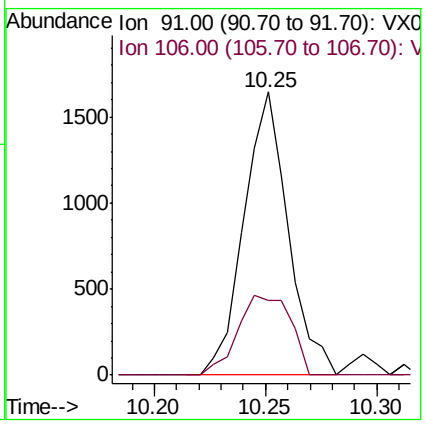


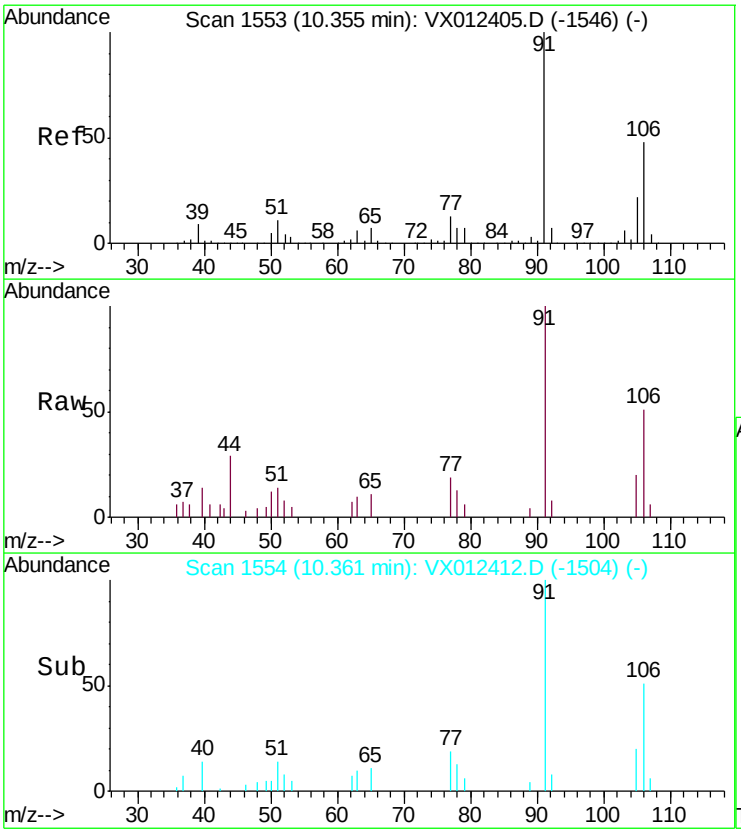

#67
Ethyl Benzene
Concen: 0.323 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion: 91 Resp: 2276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 26.5 | 24.0 | 36.0 |

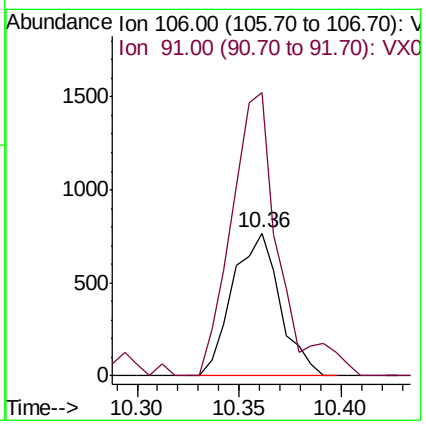


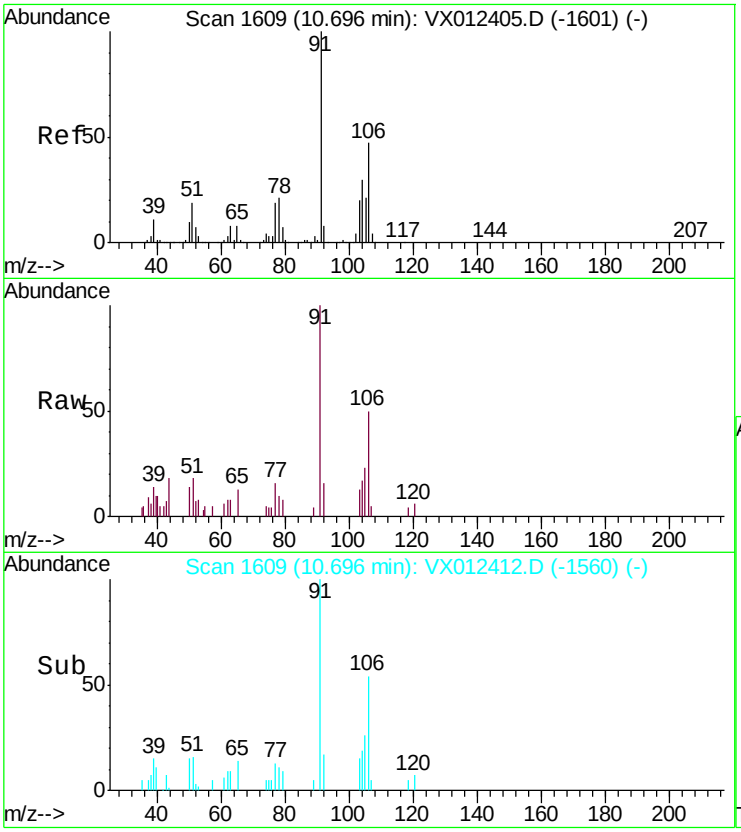




#68
m/p-Xylenes
Concen: 0.475 ug/l
RT: 10.36 min Scan# 1554
Delta R.T. 0.01 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion:106 Resp: 1235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 198.6 | 167.4 | 251.0 |



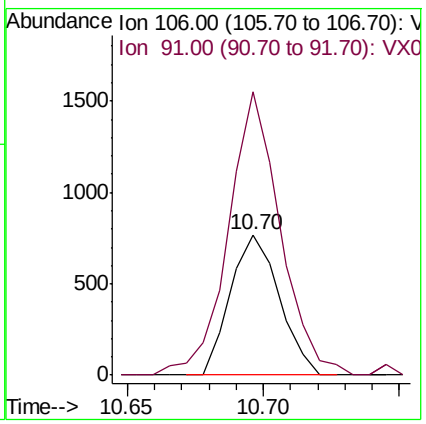


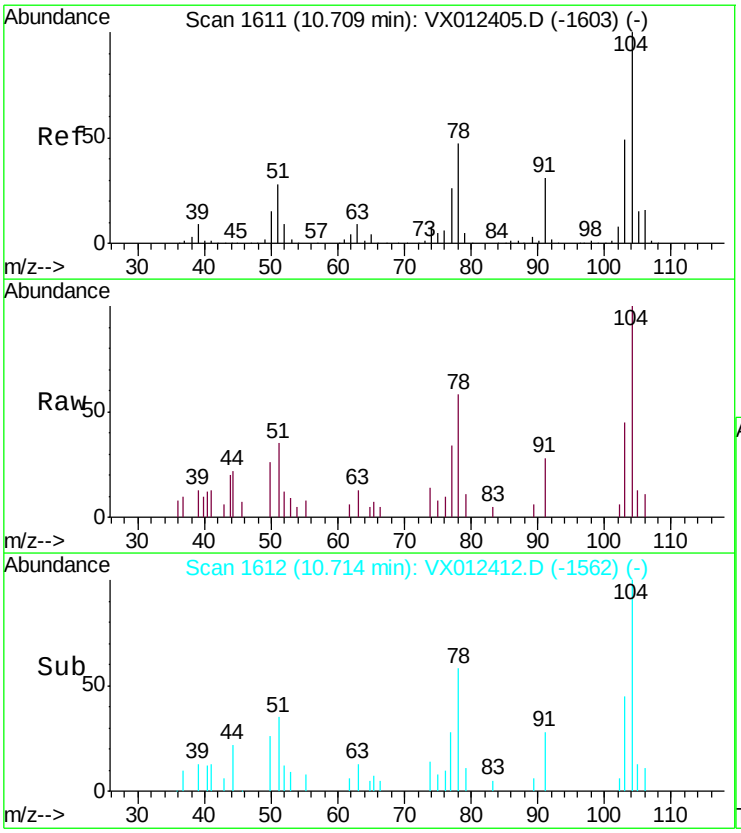

#69
o-Xylene
Concen: 0.353 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :** MSVOA_X
**ClientSampleId :** S13-TB-2019-2

Tgt Ion:106 Resp: 953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 215.2 | 107.8 | 323.6 |

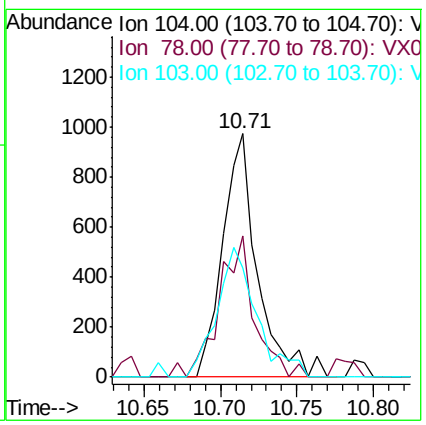


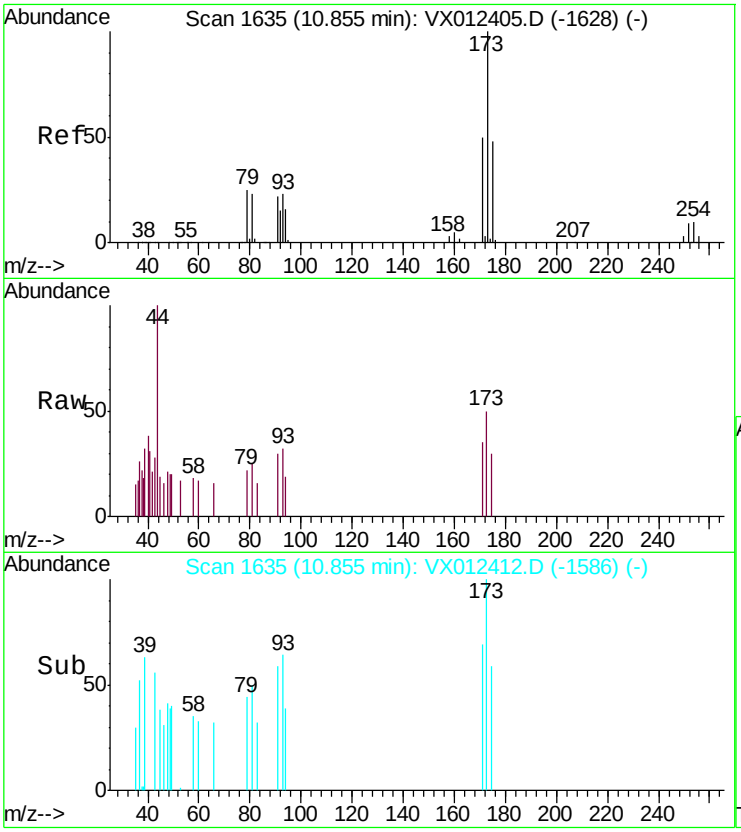




#70
Styrene
Concen: 0.327 ug/l
RT: 10.71 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion:104 Resp: 1532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 59.9 | 42.3 | 63.5 |
| 103 | 60.9 | 42.9 | 64.3 |



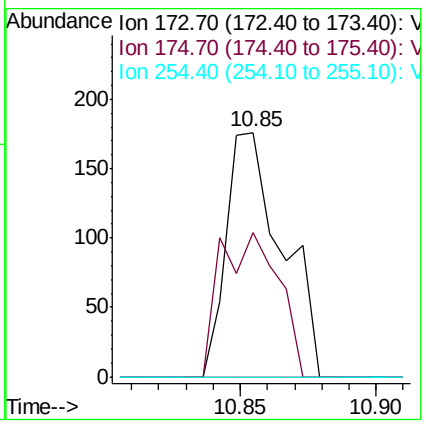


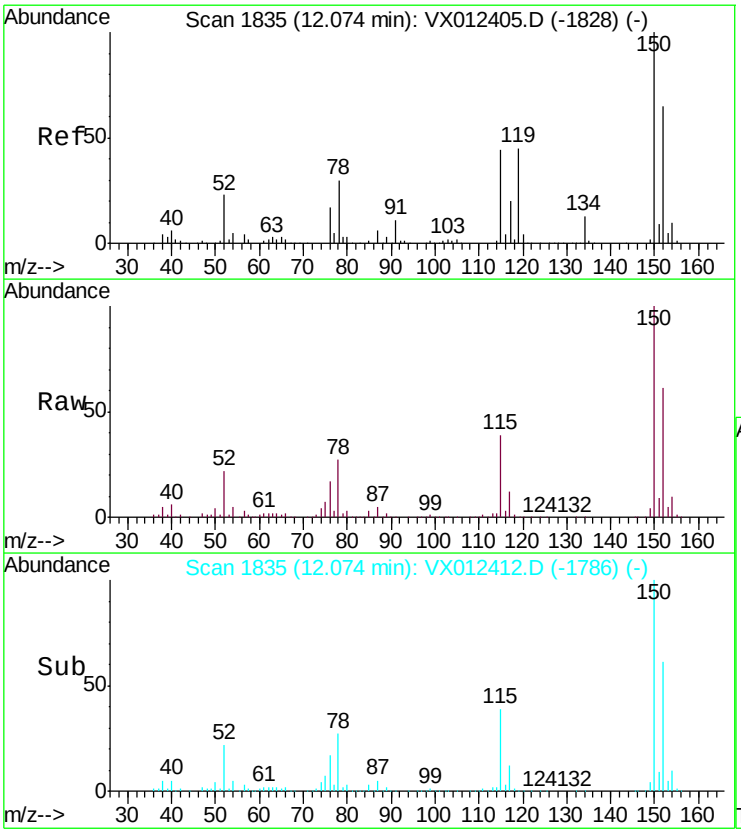

#71
Bromoform
Concen: 2.220 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion:173 Resp: 251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 0.0 | 24.3 | 73.0# |
| 254 | 0.0 | 0.1 | 0.1# |

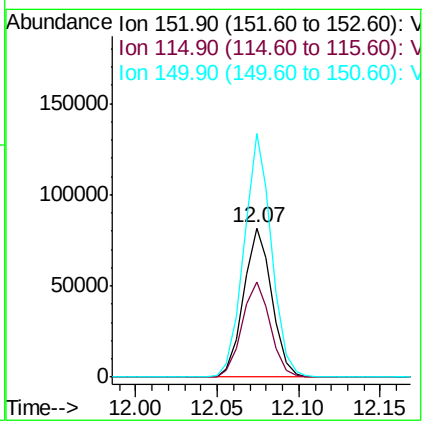


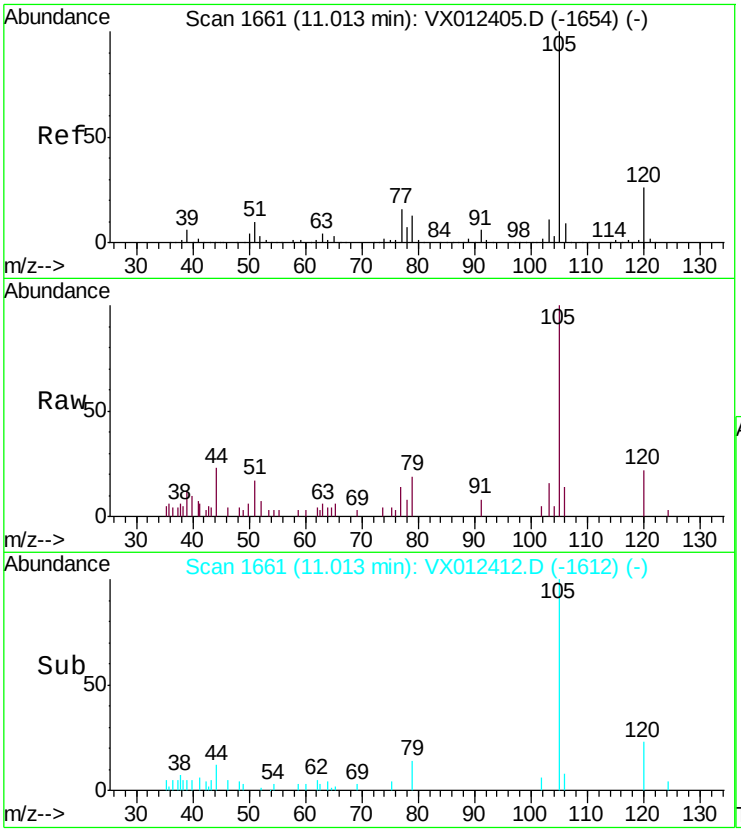




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion:152 Resp: 98732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 64.0 | 45.3 | 135.9 |
| 150 | 158.6 | 0.0 | 354.0 |



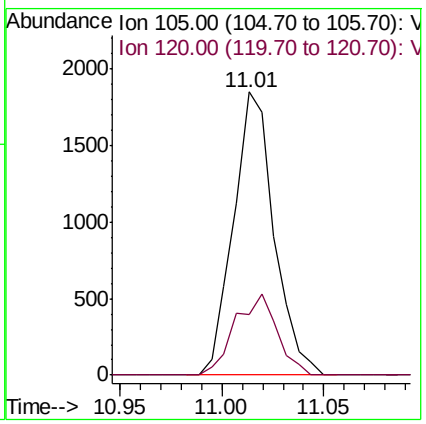


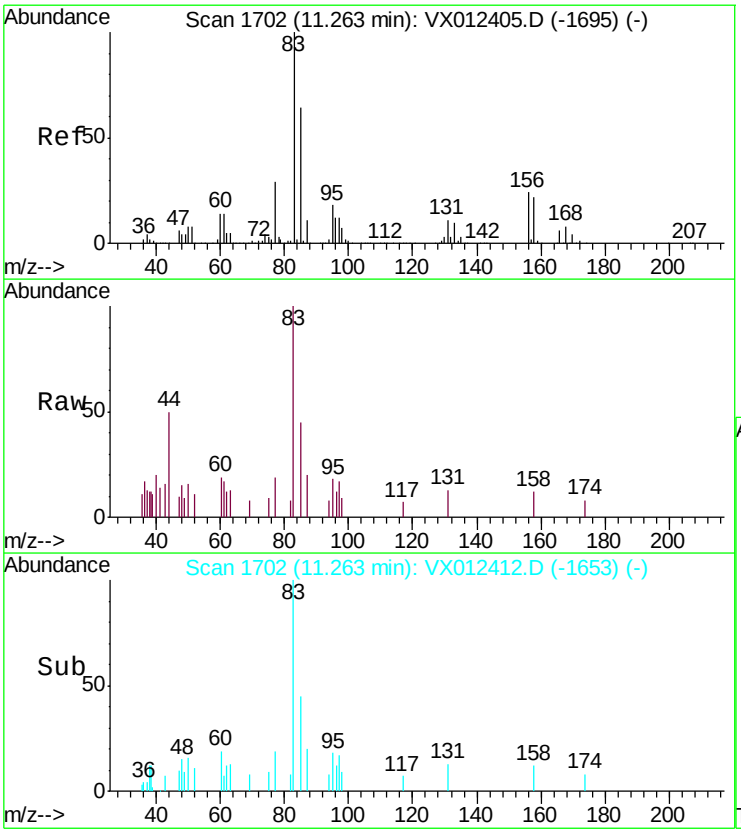

#73
Isopropylbenzene
Concen: 0.373 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion:105 Resp: 2556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 29.9 | 13.2 | 39.6 |

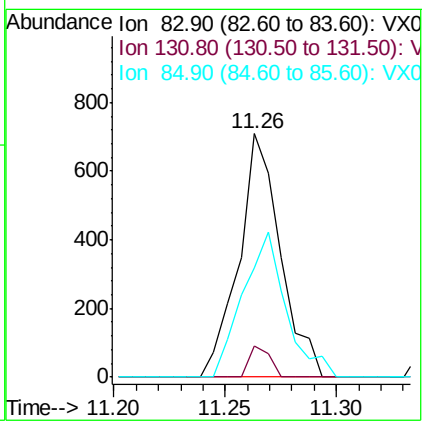


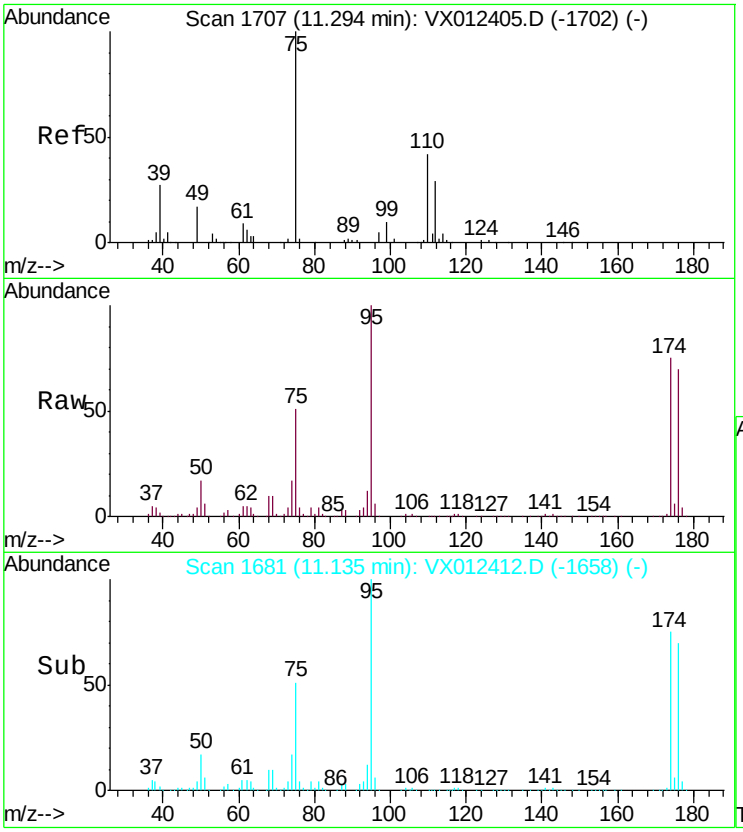




#75
1,1,2,2-Tetrachloroethane
Concen: 0.336 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion: 83 Resp: 925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 6.4 | 5.5 | 16.4 |
| 85 | 61.6 | 32.9 | 98.7 |



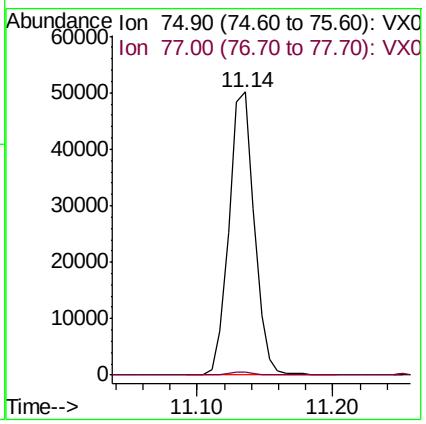


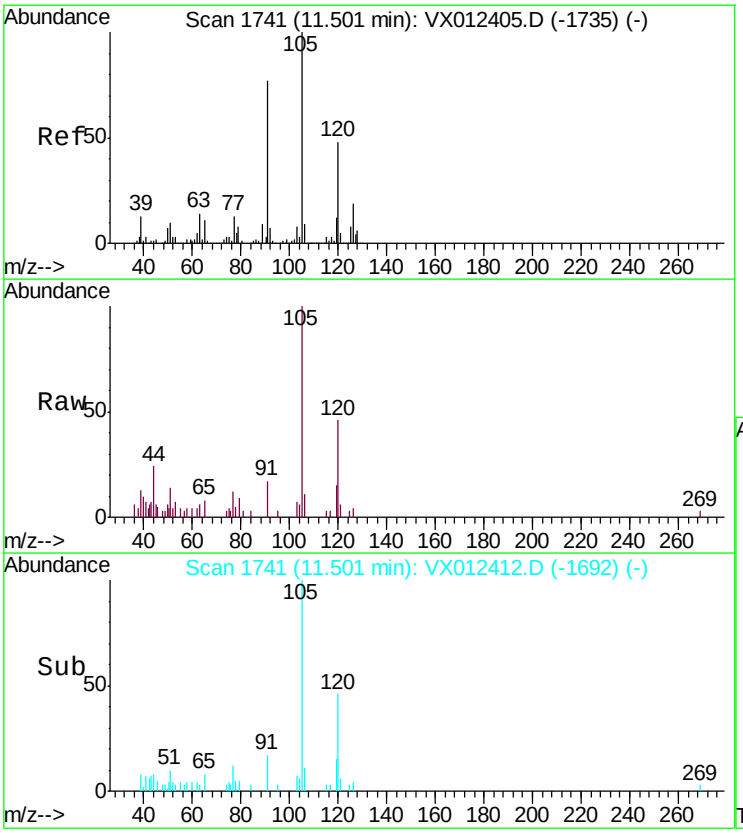

#76
1,2,3-Trichloropropane
Concen: 25.471 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion: 75 Resp: 65008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.4 | 19.4 | 58.2# |

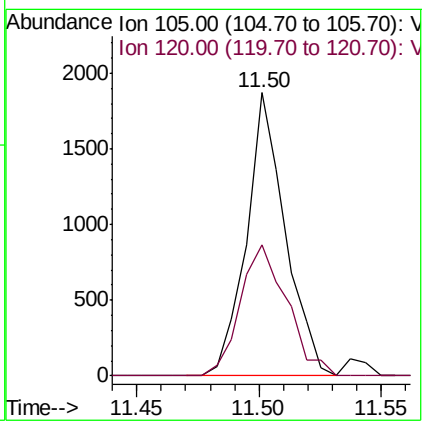


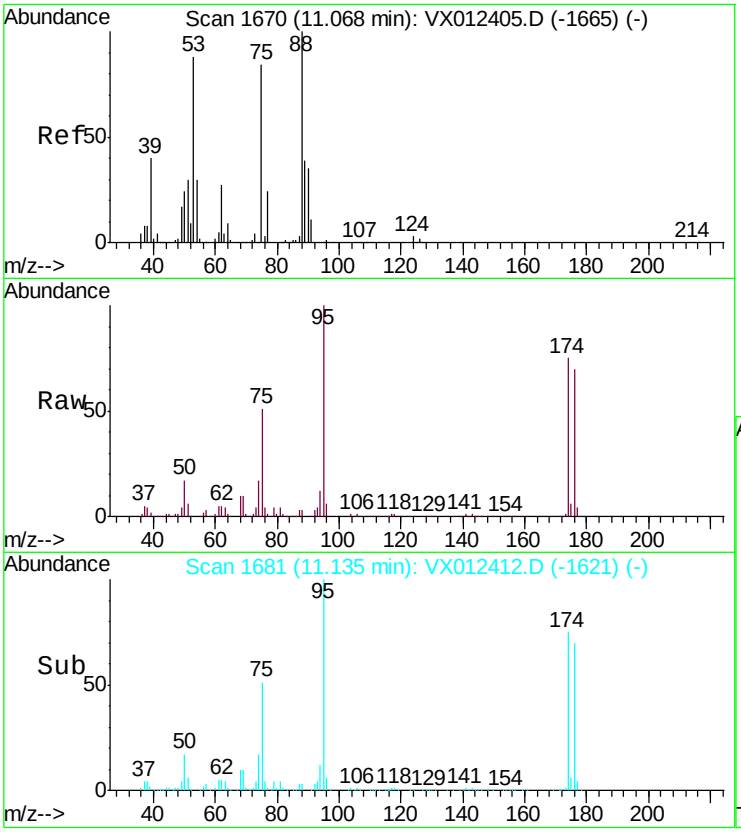




#80
1,3,5-Trimethylbenzene
Concen: 0.345 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion:105 Resp: 2062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 55.6 | 24.3 | 72.9 |



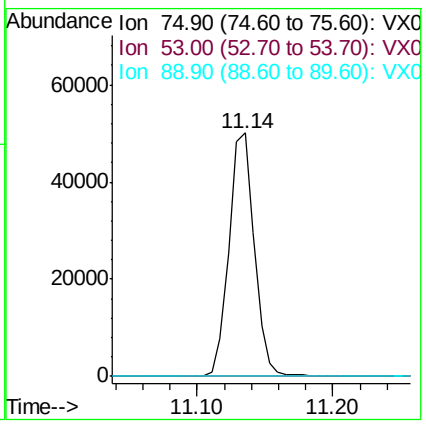


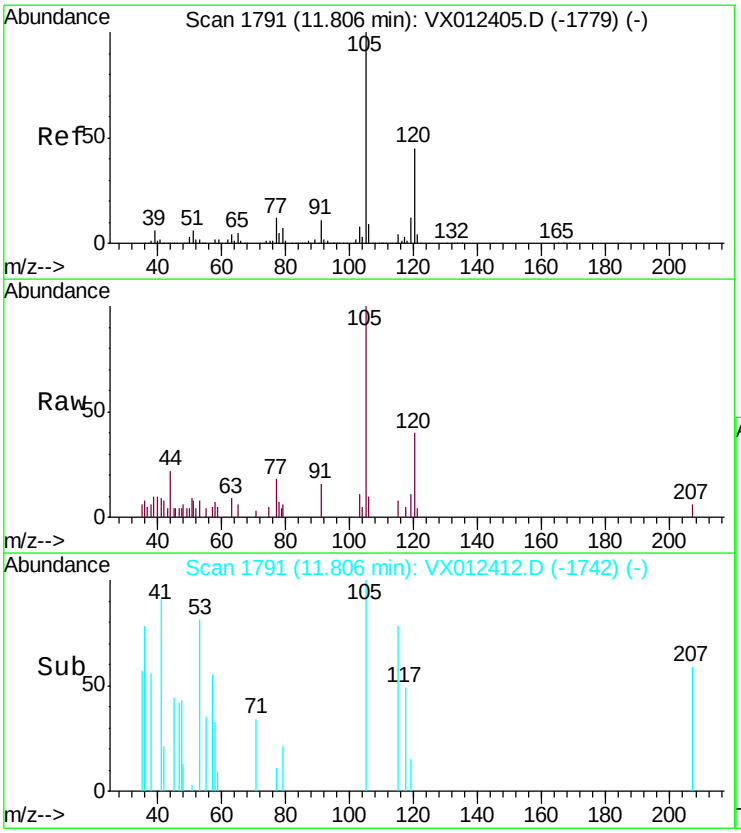

#81
trans-1,4-Dichloro-2-butene
Concen: 71.903 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion: 75 Resp: 65008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.1 | 84.6 | 127.0# |
| 89 | 0.0 | 38.8 | 58.2# |

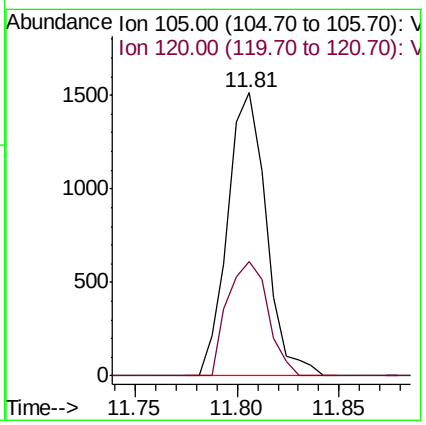


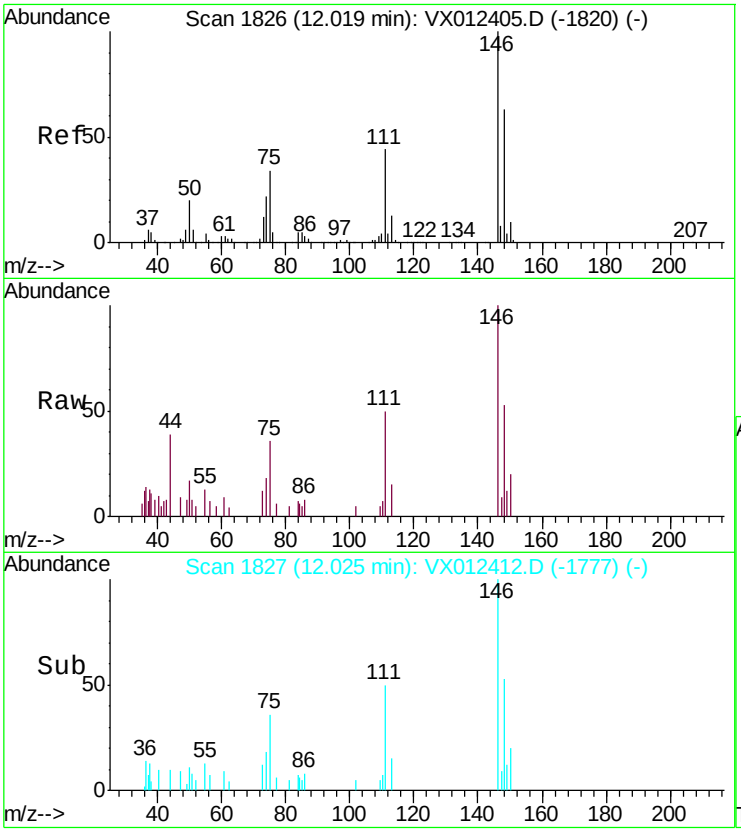




#84
1,2,4-Trimethylbenzene
Concen: 0.329 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion:105 Resp: 1993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 42.1 | 22.1 | 66.5 |



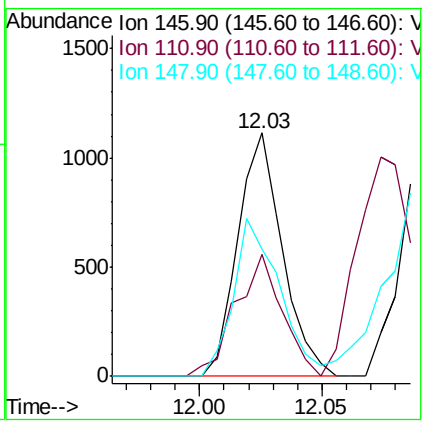


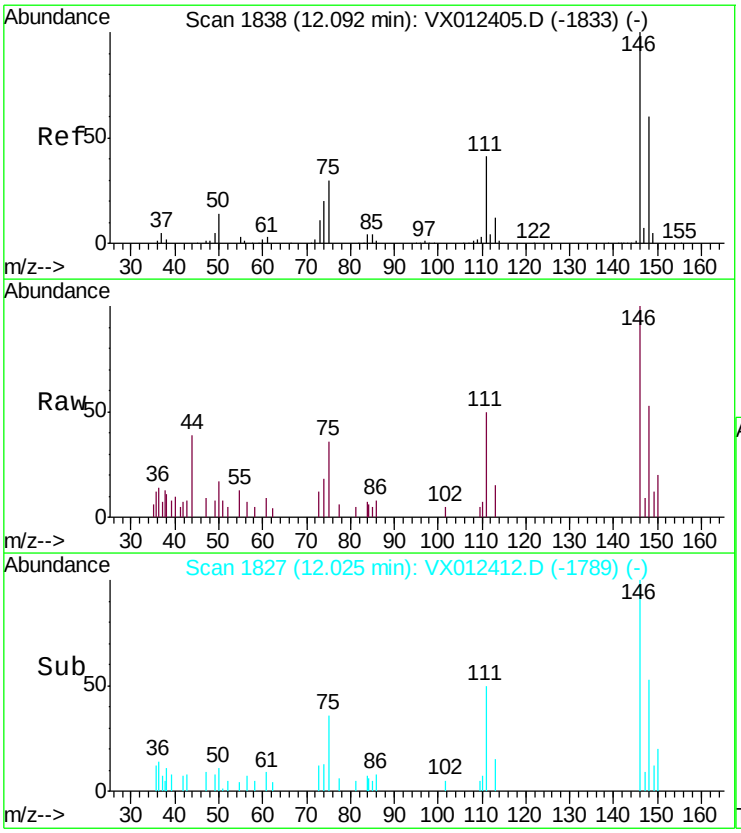

#87
1,3-Dichlorobenzene
Concen: 0.426 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion:146 Resp: 1410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 52.7 | 21.3 | 64.0 |
| 148 | 67.1 | 31.6 | 94.8 |

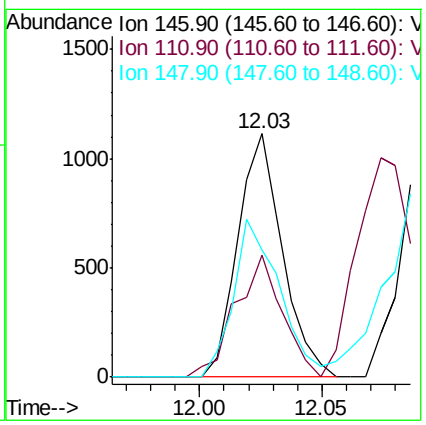


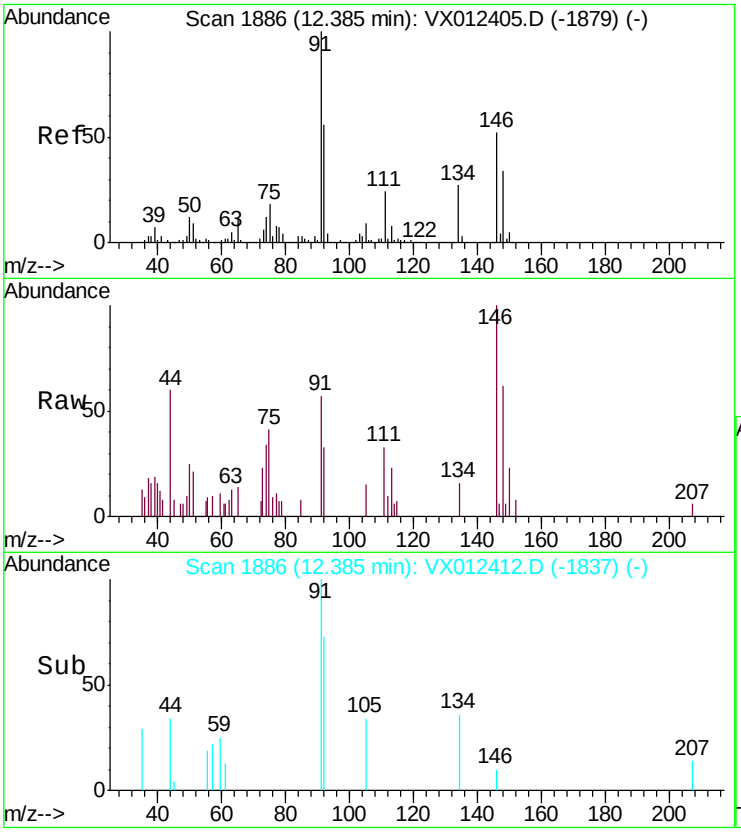




#88
1,4-Dichlorobenzene
Concen: 0.422 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. -0.07 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion:146 Resp: 1410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 52.7 | 20.6 | 61.9 |
| 148 | 67.1 | 31.6 | 94.8 |



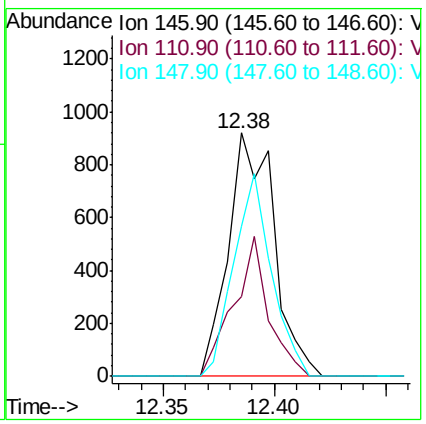


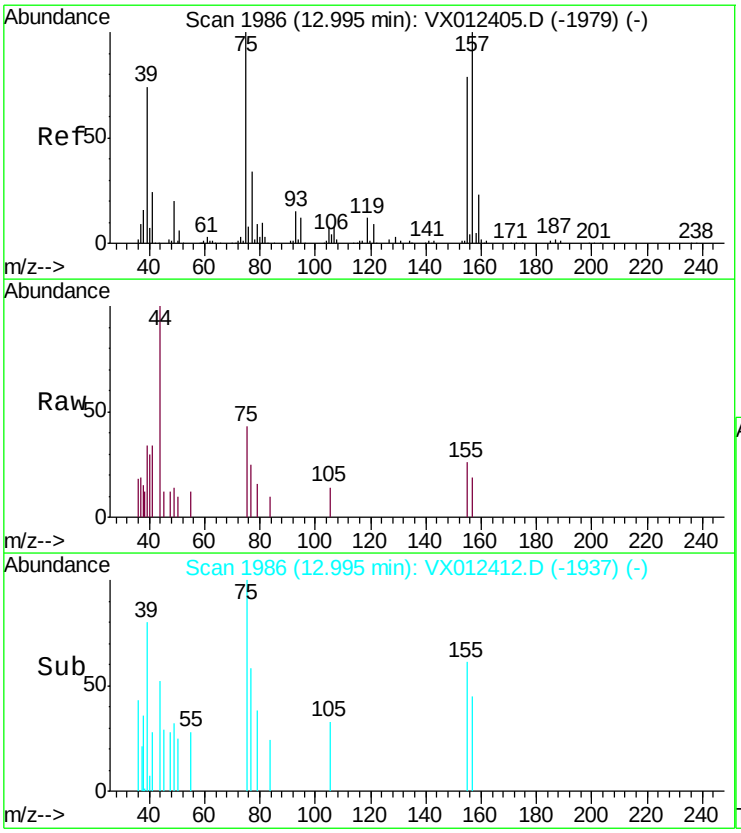

#91
1,2-Dichlorobenzene
Concen: 0.388 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion:146 Resp: 1314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.8 | 22.3 | 66.9 |
| 148 | 69.1 | 32.0 | 96.0 |

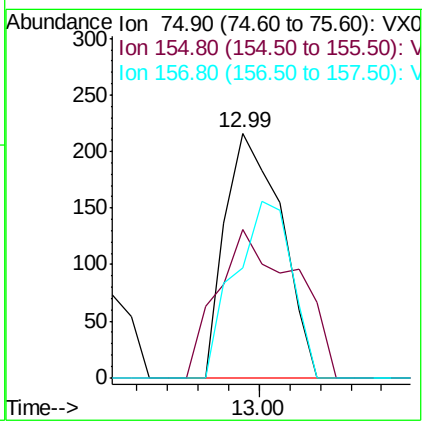


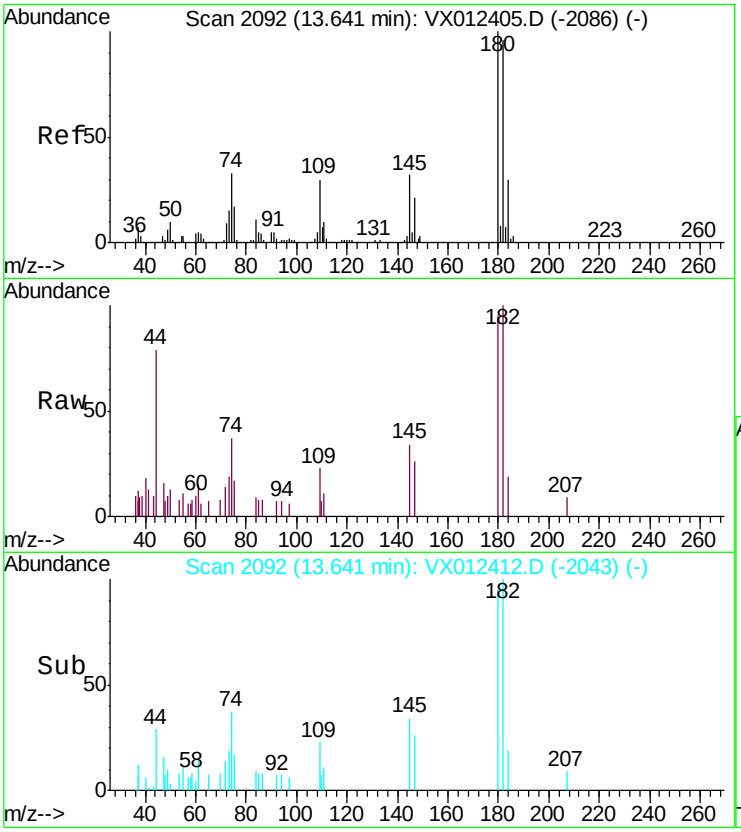




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.378 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion: 75 Resp: 275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 84.0 | 39.8 | 119.4 |
| 157 | 72.7 | 50.0 | 150.1 |



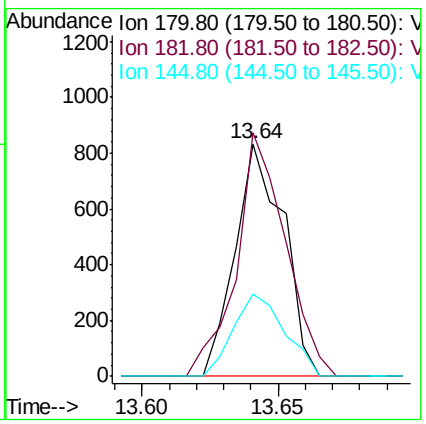


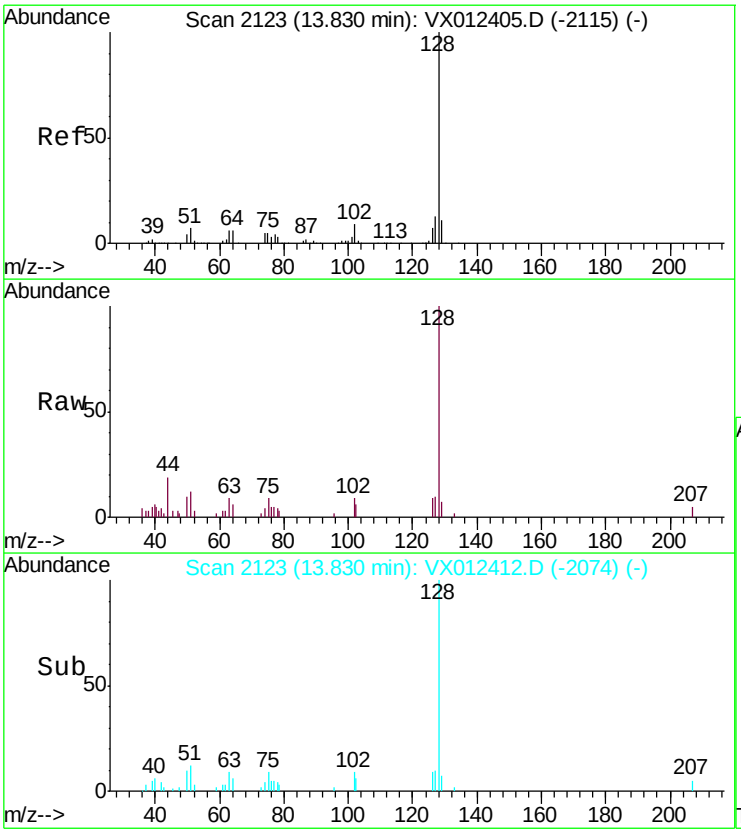

#93
1,2,4-Trichlorobenzene
Concen: 0.454 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion:180 Resp: 1028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 106.1 | 48.1 | 144.4 |
| 145 | 37.4 | 16.6 | 49.7 |

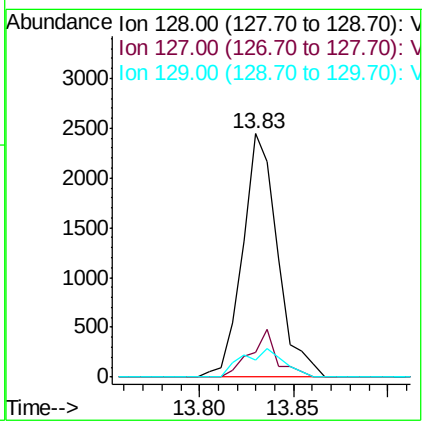


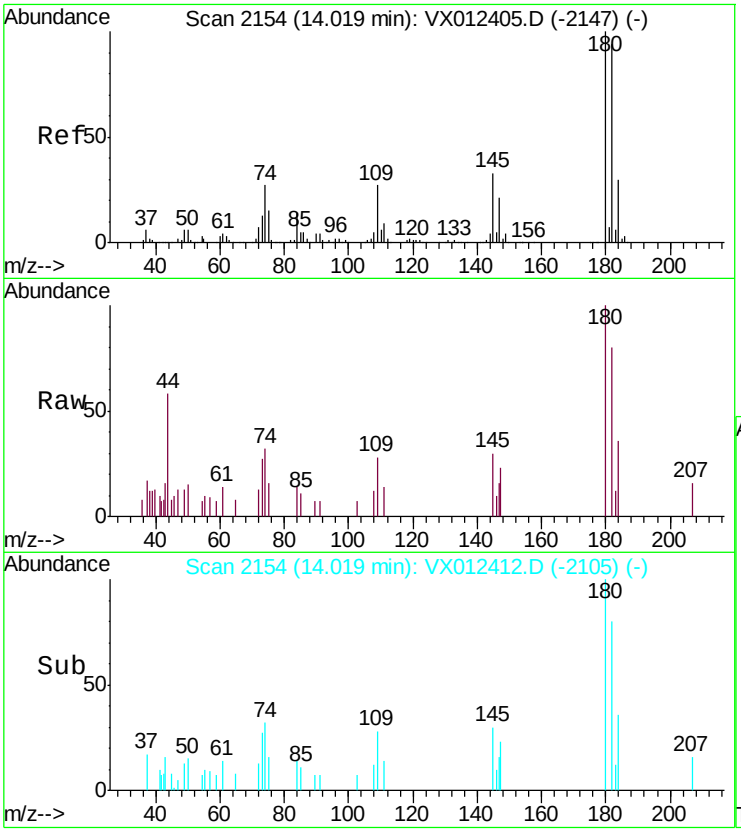




#95
Naphthalene
Concen: 0.727 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

Tgt Ion:128 Resp: 3142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 14.8 | 10.2 | 15.4 |
| 129 | 13.8 | 8.6 | 13.0# |






#96
1,2,3-Trichlorobenzene
Concen: 0.439 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX012412.D
Acq: 16 Sep 2019 17:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
S13-TB-2019-2

Tgt Ion:180 Resp: 991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.8 | 46.9 | 140.8 |
| 145 | 42.5 | 17.6 | 52.9 |