Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090320\
Data File : VX018233.D
Acq On : 03 Sep 2020 14:36
Operator : JC/SP
Sample : L3903-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** SA-PZ118S-20200902

Quant Time: Sep 04 01:20:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.63 | 168 | 470844 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.84 | 114 | 767435 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.10 | 117 | 733575 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 362870 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.04 | 65 | 339880 | 52.00 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.00% | | | |
| 35) Dibromofluoromethane | 5.47 | 113 | 266129 | 50.92 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.84% | | | |
| 50) Toluene-d8 | 8.70 | 98 | 928354 | 47.69 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.38% | | | |
| 62) 4-Bromofluorobenzene | 11.12 | 95 | 344295 | 44.95 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 89.90% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.31 | 50 | 4343 | 0.719 | ug/l | 94 |
| 5) Bromomethane | 1.65 | 94 | 1042 | 0.359 | ug/l # | 3 |
| 10) Methyl Iodide | 2.51 | 142 | 386 | 5.359 | ug/l # | 51 |
| 11) Tert butyl alcohol | 3.06 | 59 | 337 | 0.265 | ug/l # | 1 |
| 13) Acrolein | 2.29 | 56 | 480 | 0.911 | ug/l # | 22 |
| 16) Acetone | 2.42 | 43 | 8308 | 3.262 | ug/l | 96 |
| 20) Methylene Chloride | 2.83 | 84 | 4384 | Below Cal | # | 73 |
| 24) 1,1-Dichloroethane | 3.67 | 63 | 3747 | 0.403 | ug/l # | 89 |
| 25) 2-Butanone | 4.65 | 43 | 1319 | 0.315 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.64 | 75 | 35392 | 5.000 | ug/l # | 54 |
| 38) Carbon Tetrachloride | 5.63 | 117 | 49253 | 6.174 | ug/l # | 18 |
| 49) 1,4-Dioxane | 7.70 | 88 | 95 | 0.793 | ug/l # | 1 |
| 76) 1,2,3-Trichloropropane | 11.12 | 75 | 180361 | 22.344 | ug/l # | 36 |
| 81) trans-1,4-Dichloro-2-buten | 11.12 | 75 | 180361 | 60.346 | ug/l # | 12 |

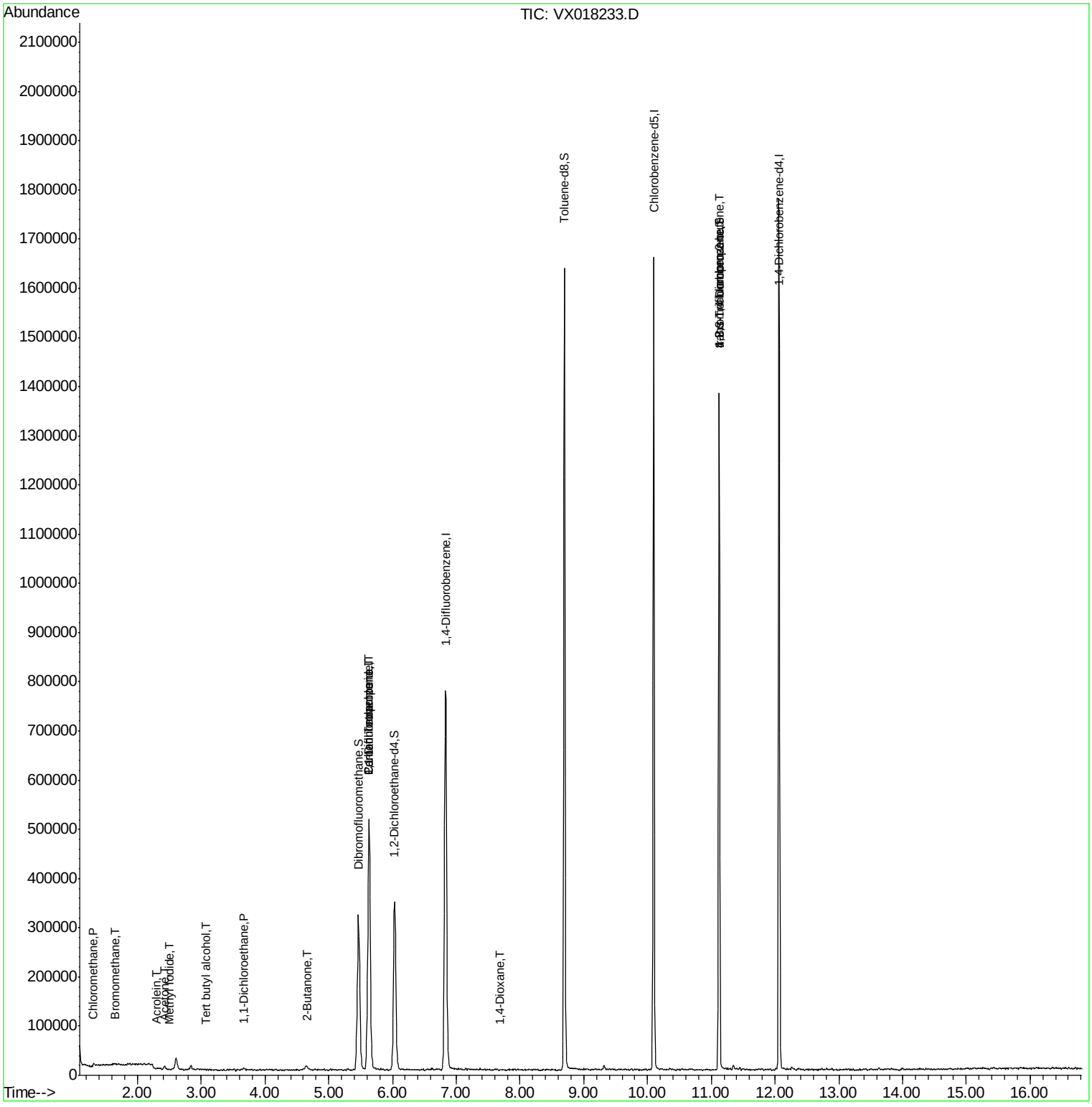
(#) = qualifier out of range (m) = manual integration (+) = signals summed

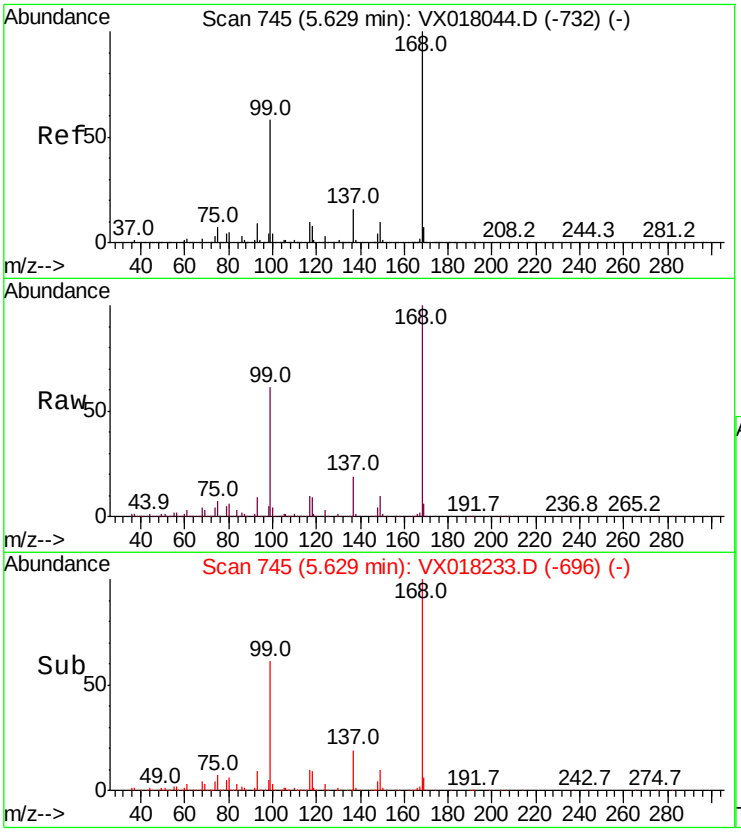
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090320\
Data File : VX018233.D
Acq On : 03 Sep 2020 14:36
Operator : JC/SP
Sample : L3903-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** SA-PZ118S-20200902

Quant Time: Sep 04 01:20:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration



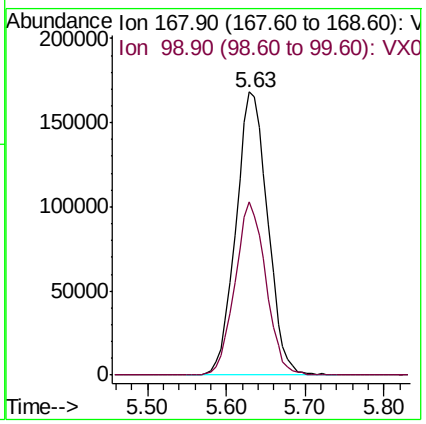


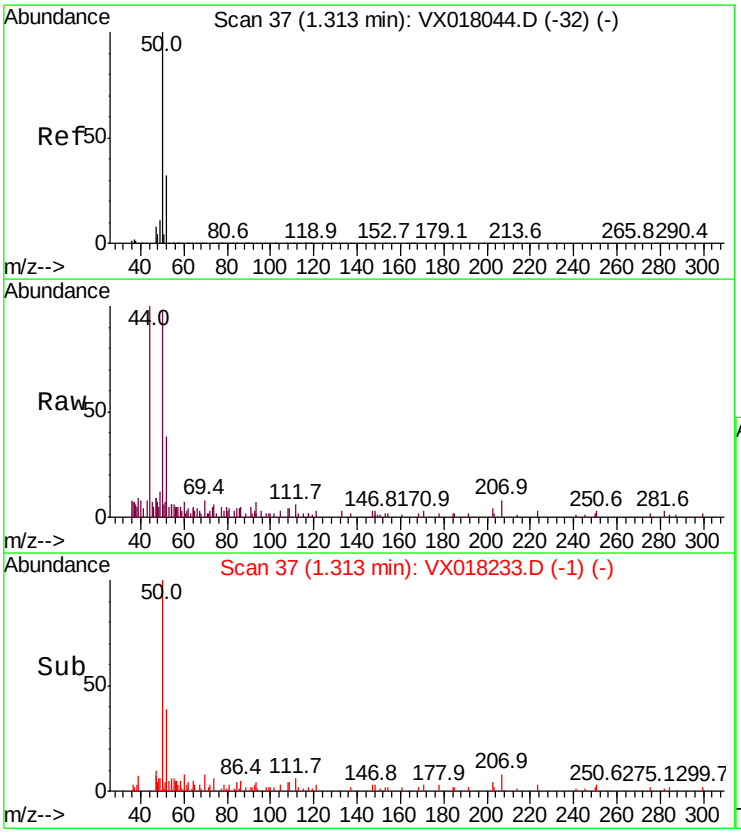

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
SA-PZ118S-20200902

Tgt Ion:168 Resp: 470844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 61.3 | 46.3 | 69.5 |

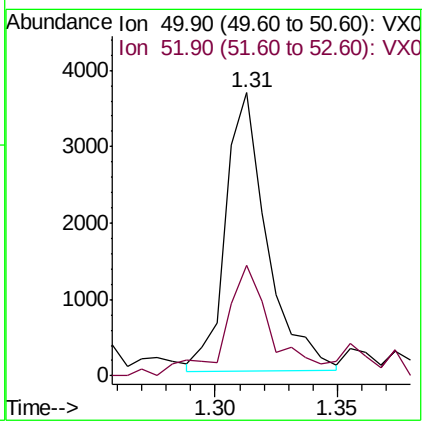


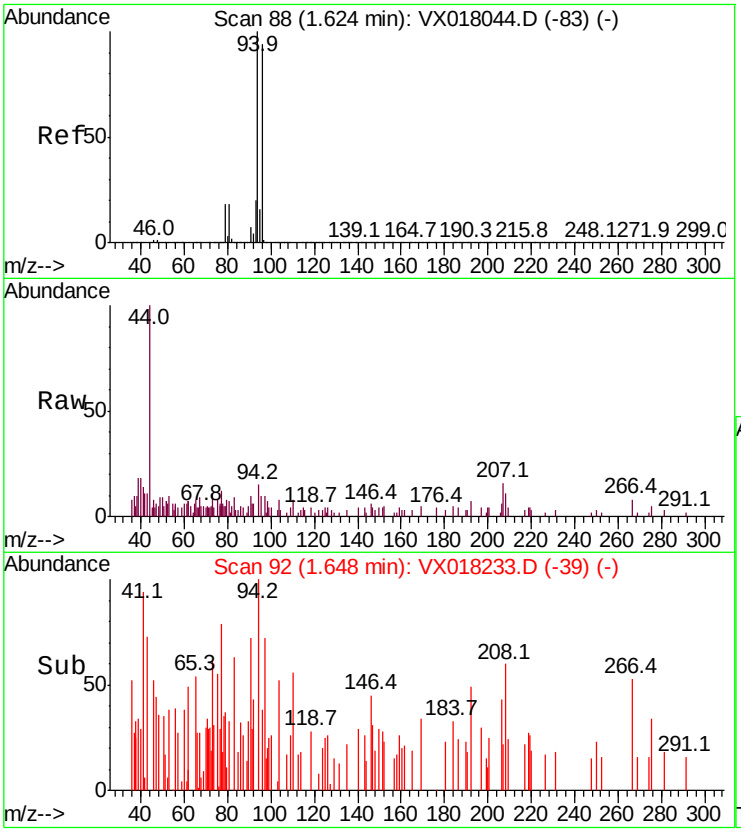




#3
Chloromethane
Concen: 0.719 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

Tgt Ion: 50 Resp: 4343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 35.0 | 25.4 | 38.2 |



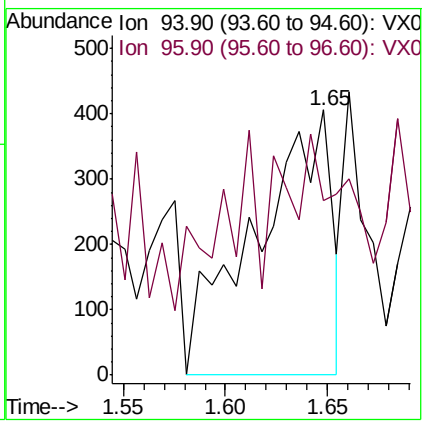


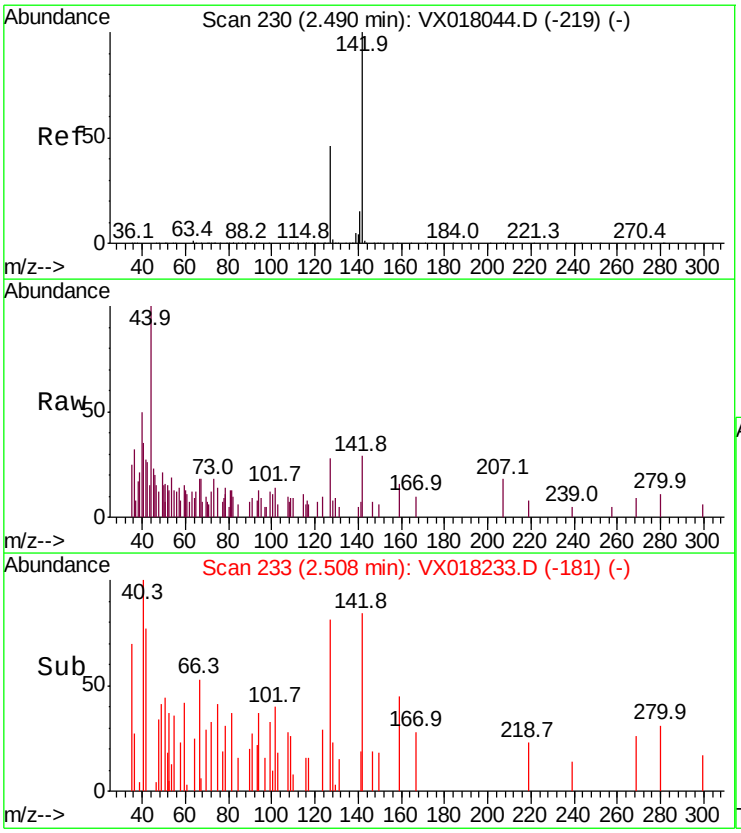

#5
Bromomethane
Concen: 0.359 ug/l
RT: 1.65 min Scan# 92
Delta R.T. 0.02 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
SA-PZ118S-20200902

Tgt Ion: 94 Resp: 1042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 0.0 | 74.8 | 112.2# |

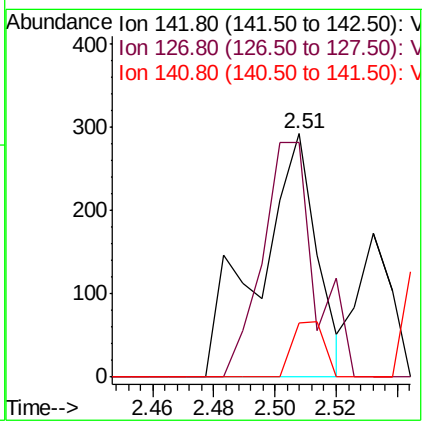


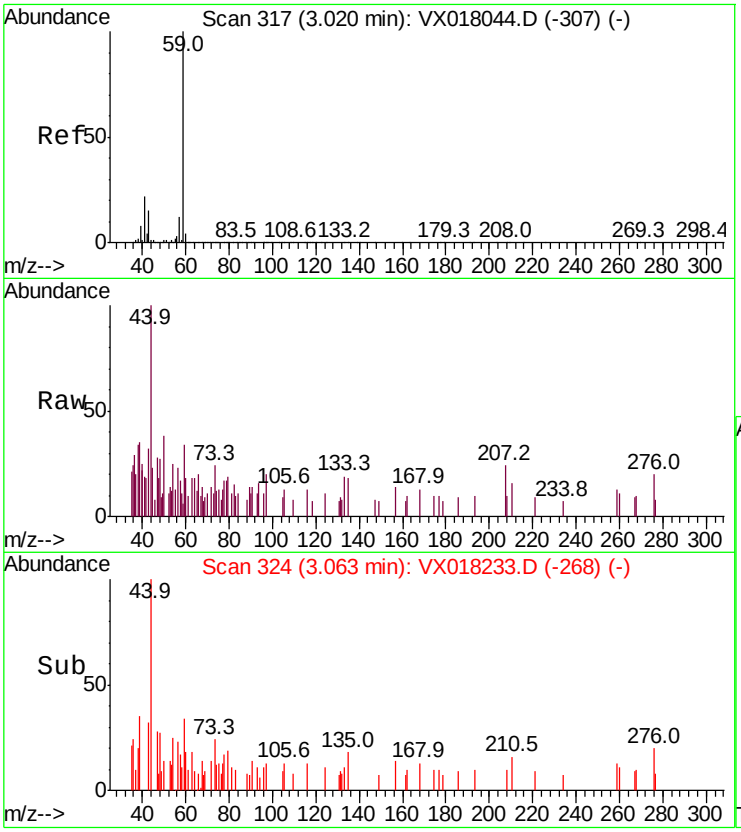




#10
Methyl Iodide
Concen: 5.359 ug/l
RT: 2.51 min Scan# 233
Delta R.T. 0.02 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

Tgt Ion:142 Resp: 386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 87.8 | 37.0 | 55.6# |
| 141 | 12.4 | 11.5 | 17.3 |



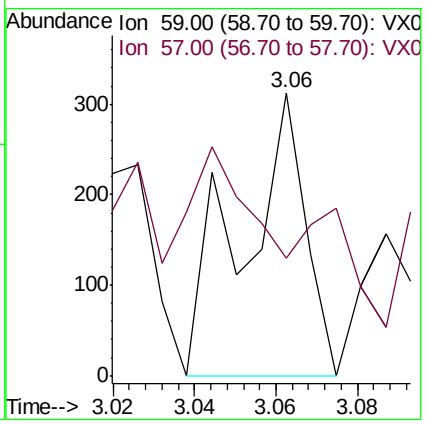


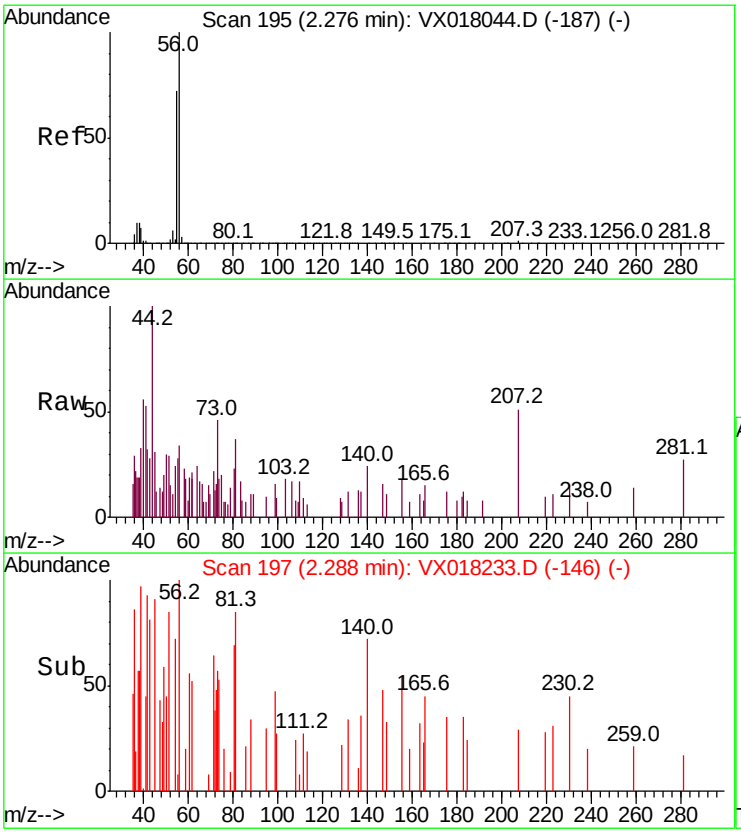

#11
Tert butyl alcohol
Concen: 0.265 ug/l
RT: 3.06 min Scan# 324
Delta R.T. 0.04 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

**Instrument :** MSVOA_X
**ClientSampleId :** SA-PZ118S-20200902

Tgt Ion: 59 Resp: 337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 83.4 | 8.9 | 13.3# |

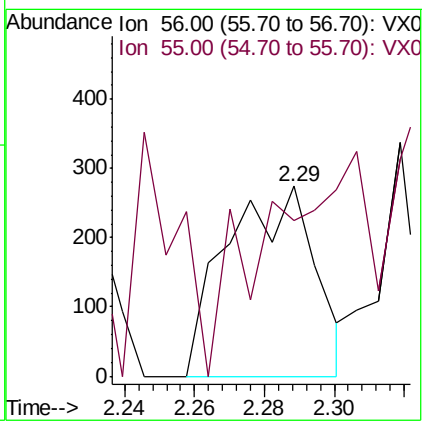


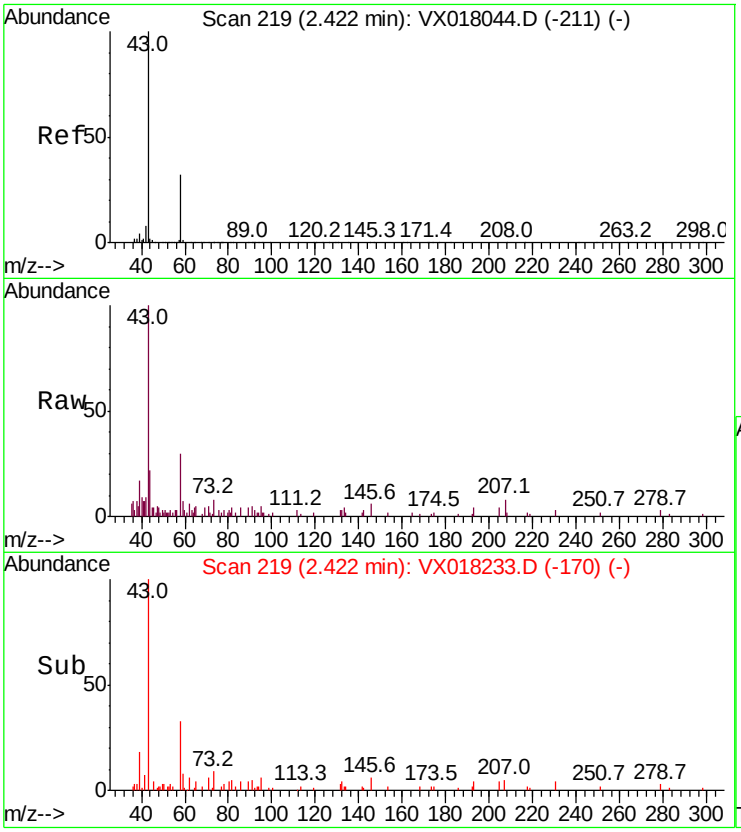




#13
Acrolein
Concen: 0.911 ug/l
RT: 2.29 min Scan# 197
Delta R.T. 0.01 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

Tgt Ion: 56 Resp: 480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 136.3 | 57.0 | 85.6# |



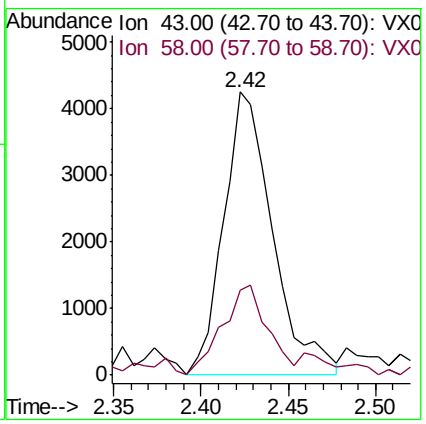


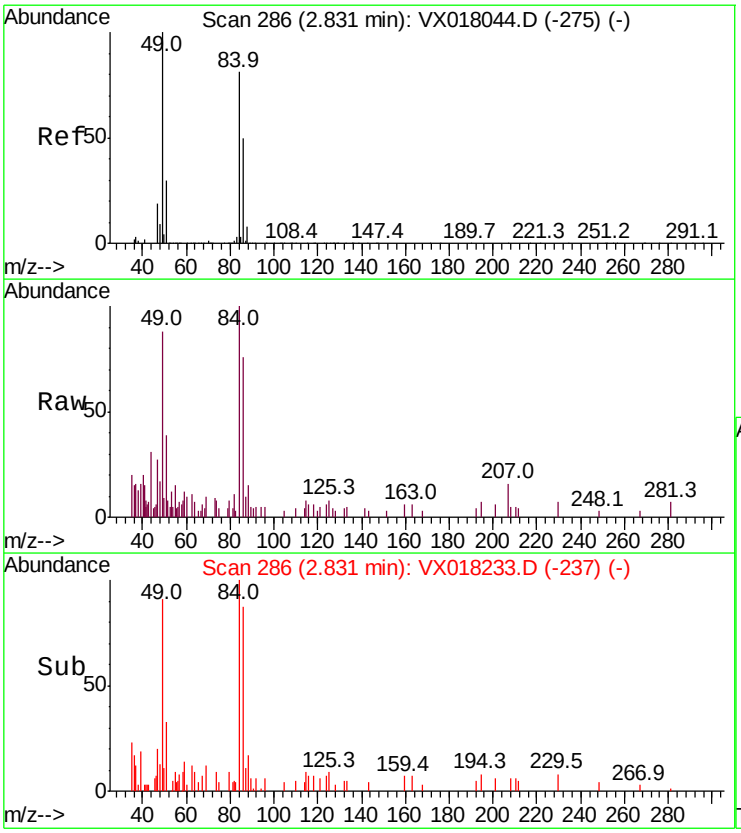

#16
Acetone
Concen: 3.262 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
SA-PZ118S-20200902

Tgt Ion: 43 Resp: 8308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.9 | 25.5 | 38.3 |

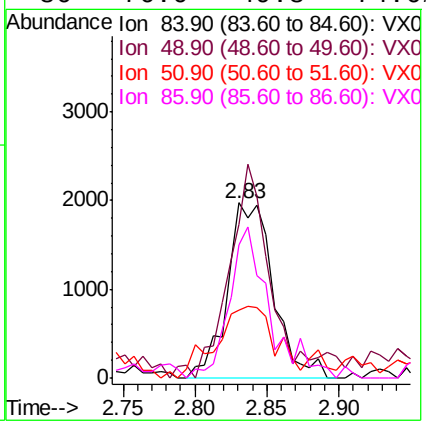


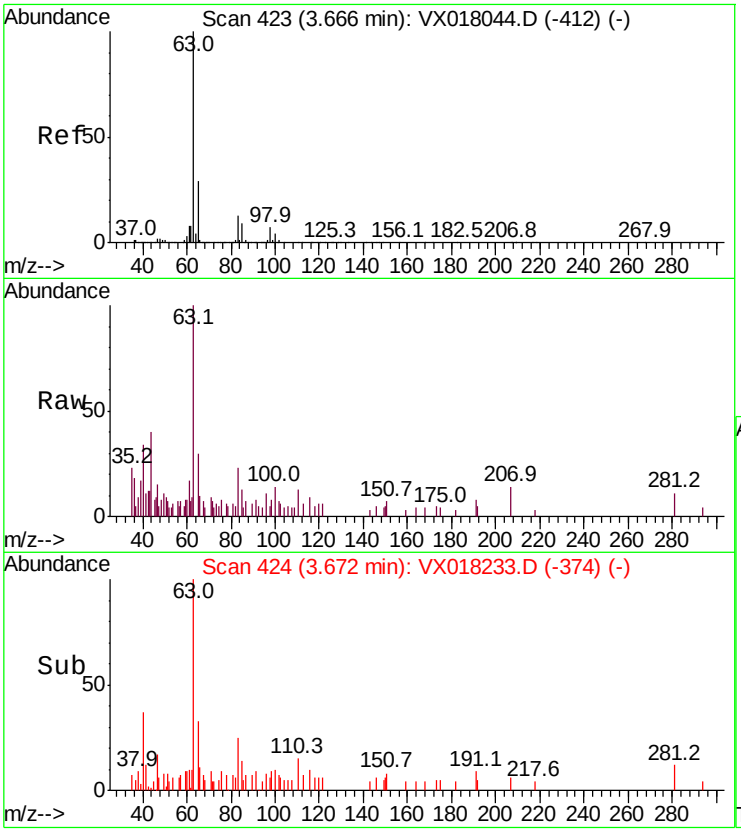




#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

Tgt Ion: 84 Resp: 4384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 80.4 | 98.6 | 148.0# |
| 51 | 34.4 | 29.6 | 44.4 |
| 86 | 76.0 | 49.8 | 74.6# |



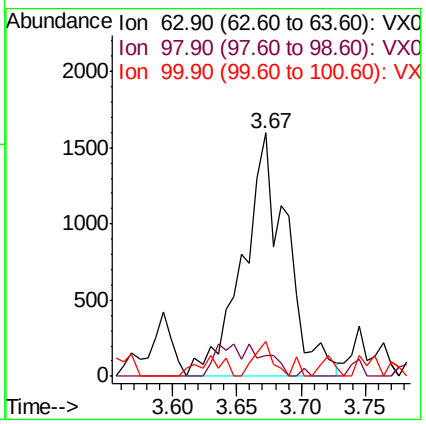


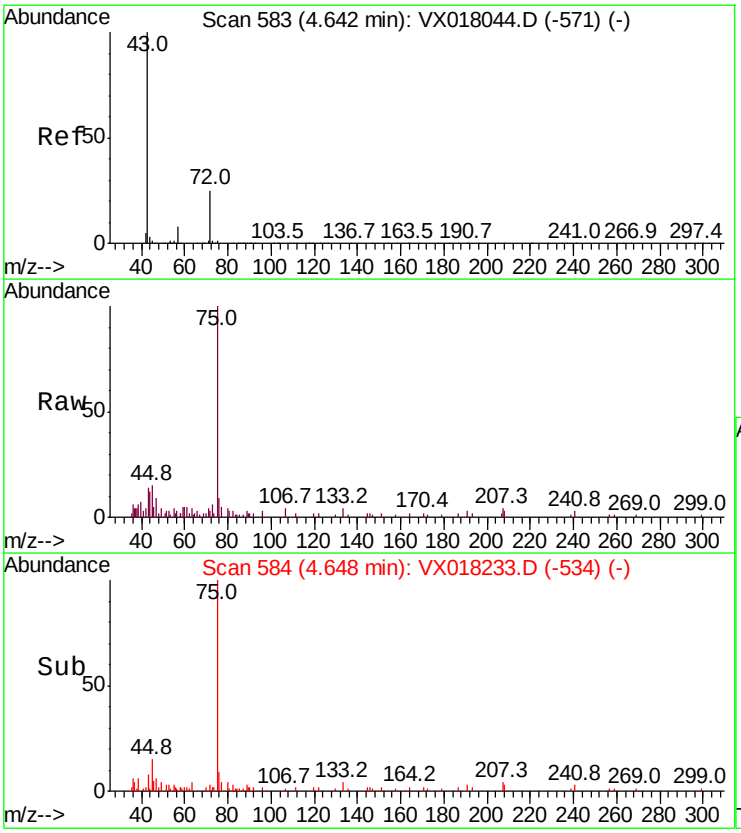

#24
1,1-Dichloroethane
Concen: 0.403 ug/l
RT: 3.67 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
SA-PZ118S-20200902

Tgt Ion: 63 Resp: 3747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 8.9 | 3.6 | 10.8 |
| 100 | 11.5 | 2.0 | 6.0# |

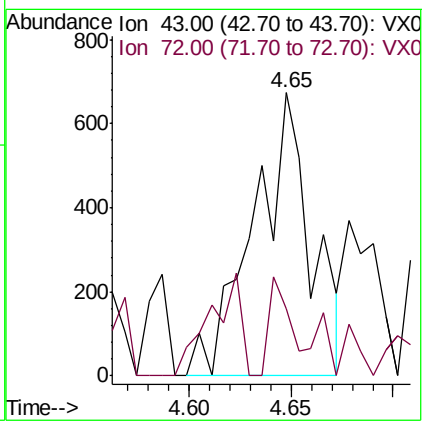


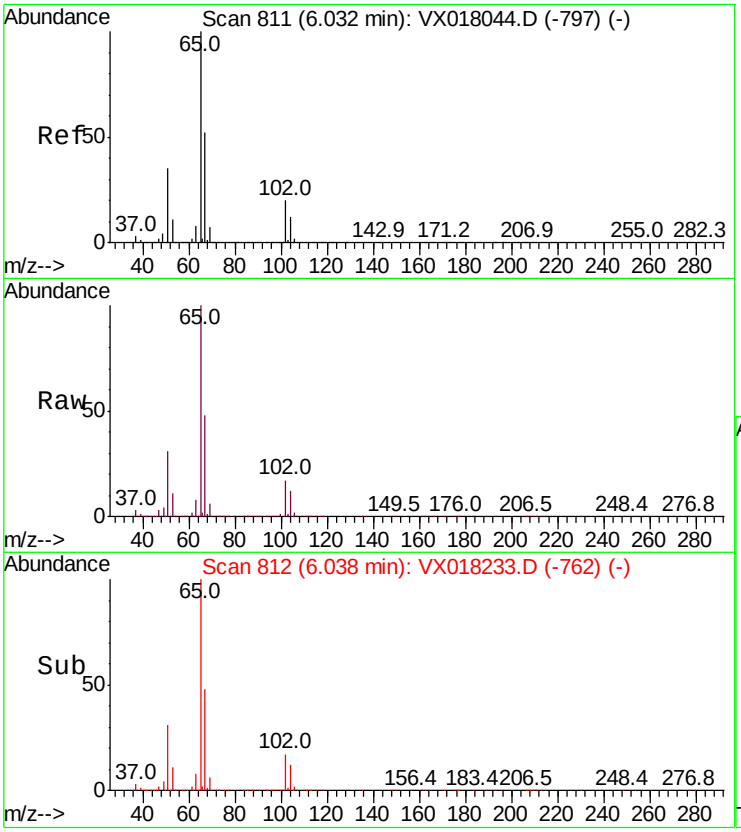




#25
2-Butanone
Concen: 0.315 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

Tgt Ion: 43 Resp: 1319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 23.6 | 19.8 | 29.6 |



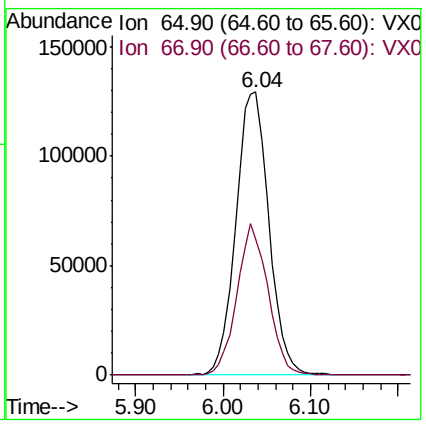


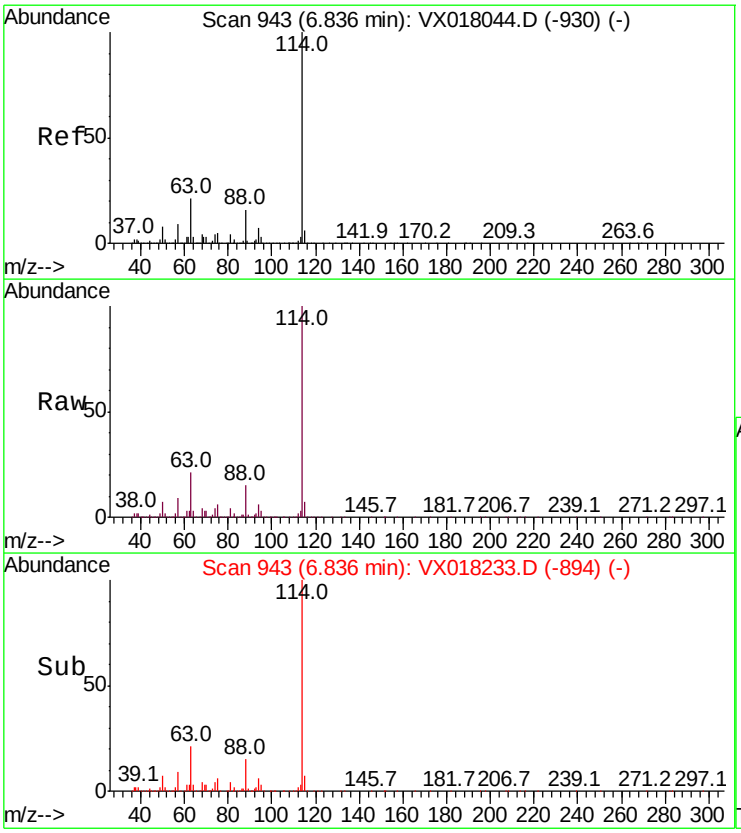

#33
1,2-Dichloroethane-d4
Concen: 51.997 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

**Instrument :** MSVOA_X
**ClientSampleId :** SA-PZ118S-20200902

Tgt Ion: 65 Resp: 339880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.5 | 0.0 | 105.8 |

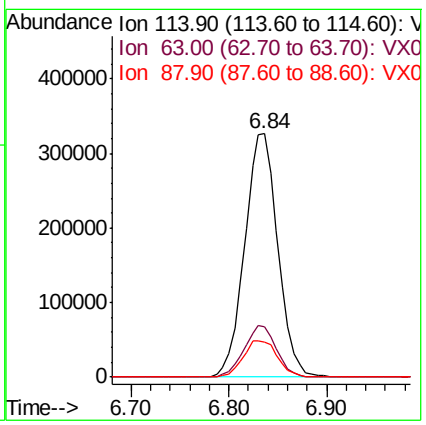


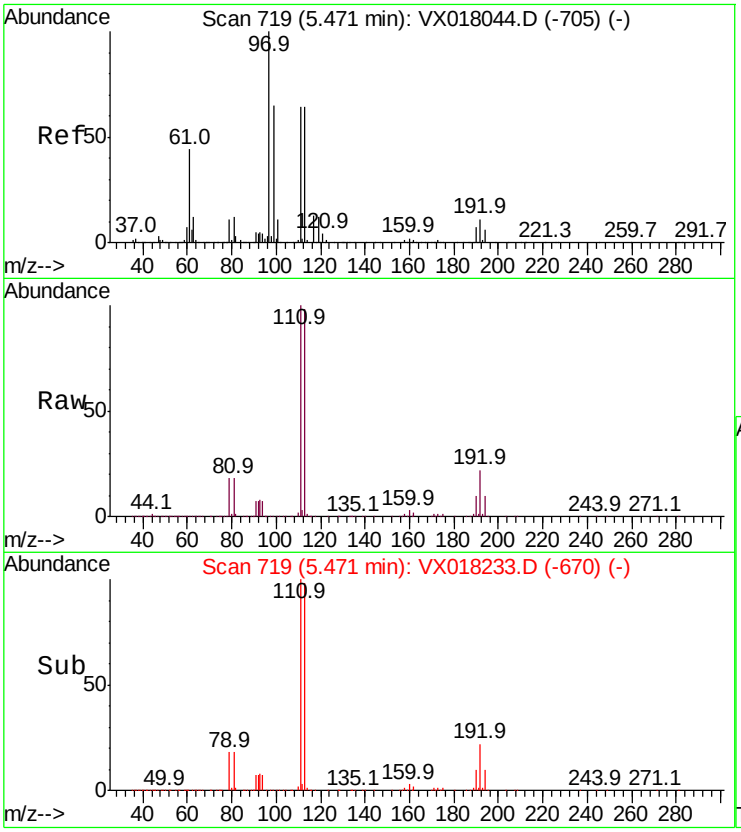




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. -0.00 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

Tgt Ion:114 Resp: 767435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.8 | 0.0 | 42.6 |
| 88 | 14.5 | 0.0 | 31.8 |



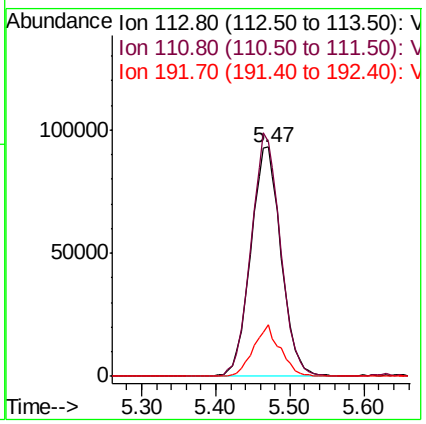


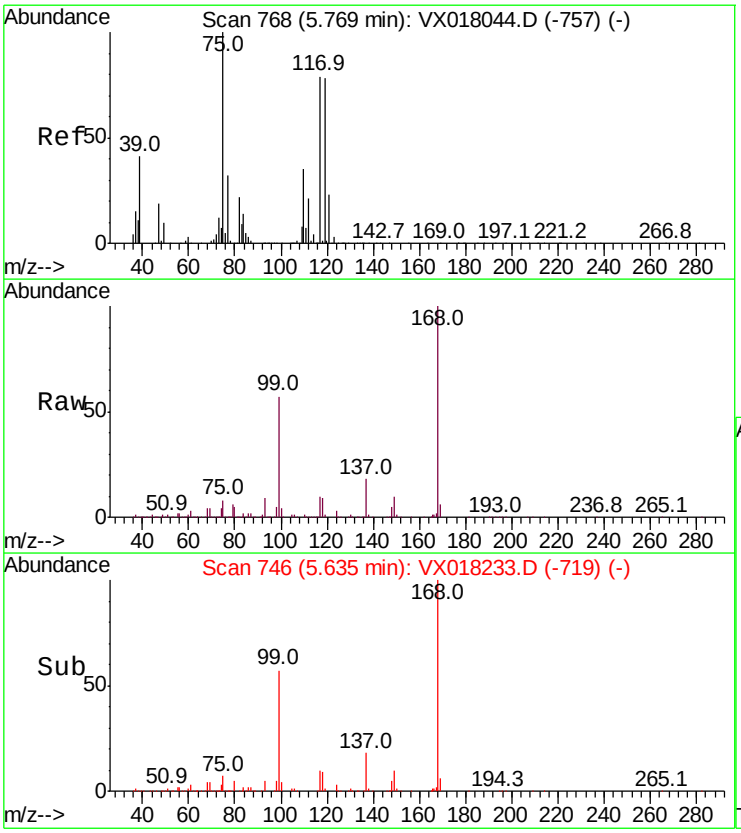

#35
Dibromofluoromethane
Concen: 50.918 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
SA-PZ118S-20200902

Tgt Ion:113 Resp: 266129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.6 | 81.6 | 122.4 |
| 192 | 20.0 | 15.8 | 23.8 |

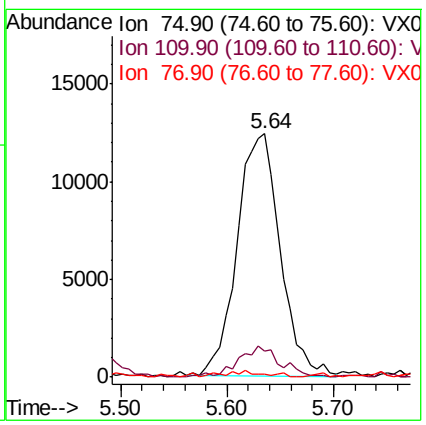


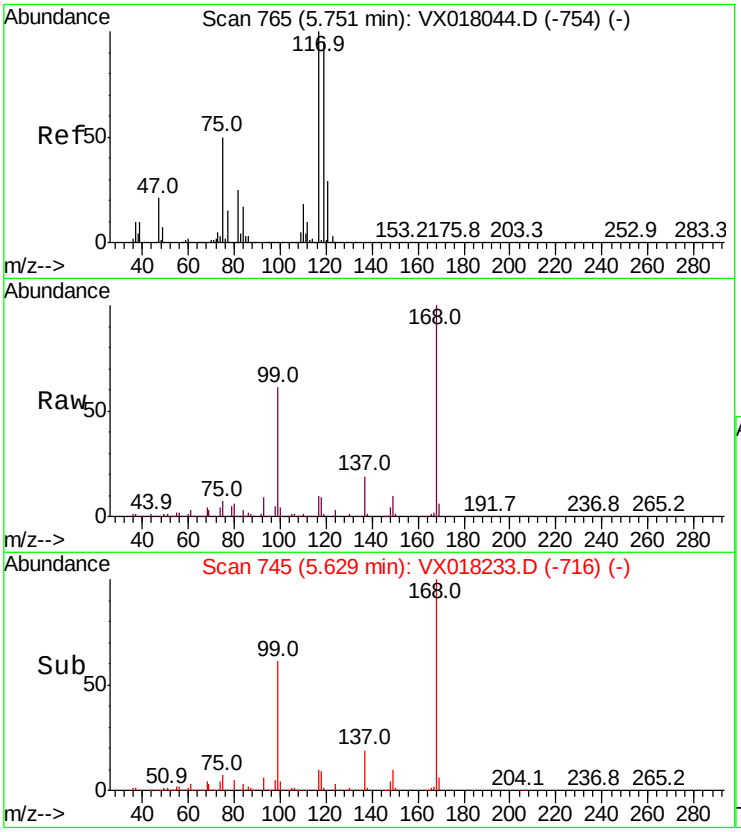




#36
1,1-Dichloropropene
Concen: 5.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.13 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

Tgt Ion: 75 Resp: 35392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 12.6 | 18.0 | 54.0# |
| 77 | 1.3 | 24.4 | 36.6# |



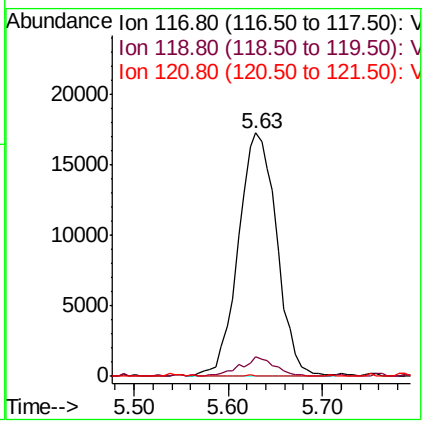


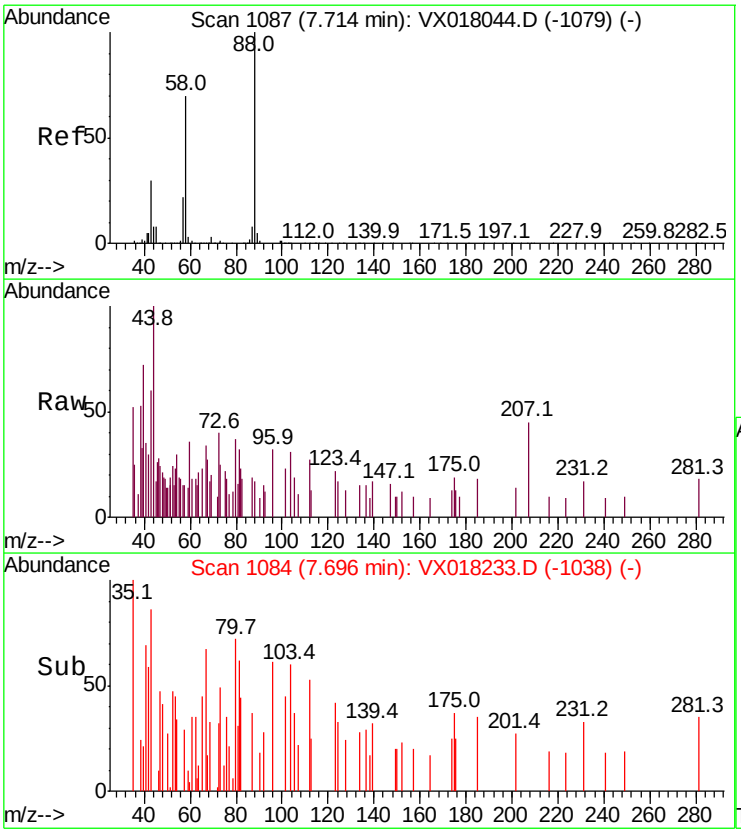

#38
Carbon Tetrachloride
Concen: 6.174 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
SA-PZ118S-20200902

Tgt Ion:117 Resp: 49253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 7.5 | 75.8 | 113.6# |
| 121 | 0.0 | 23.4 | 35.0# |

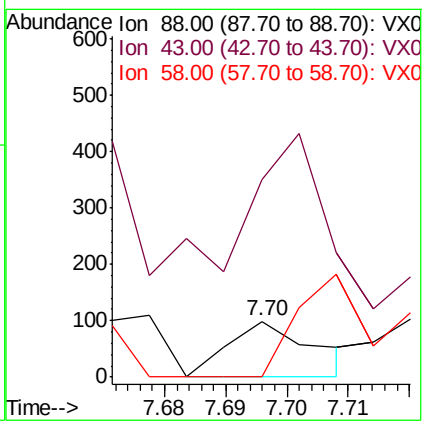


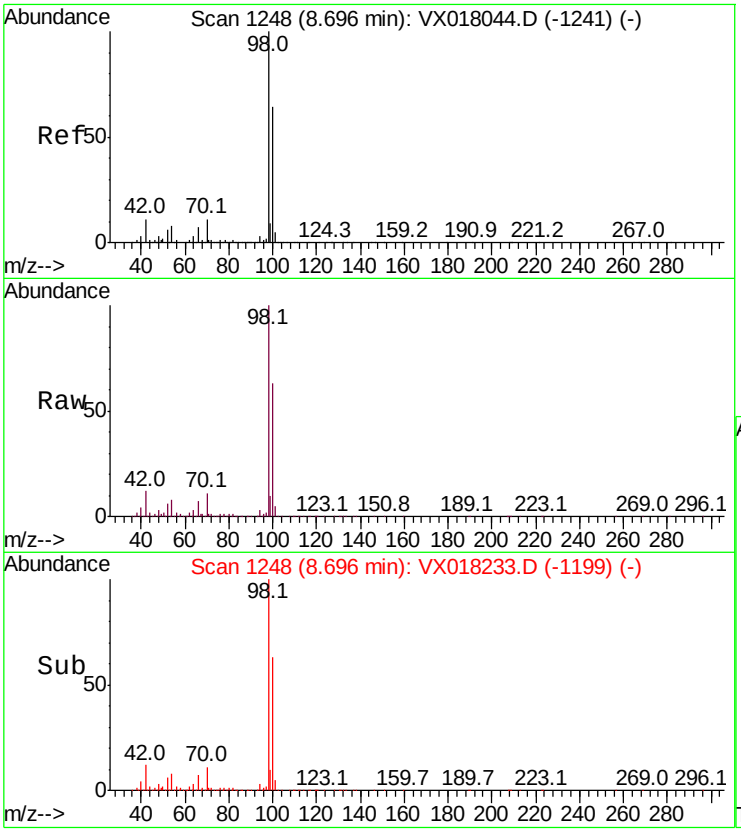




#49
1,4-Dioxane
Concen: 0.793 ug/l
RT: 7.70 min Scan# 1084
Delta R.T. -0.02 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

Tgt Ion: 88 Resp: 95

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 270.5 | 27.4 | 41.0# |
| 58 | 140.0 | 56.4 | 84.6# |



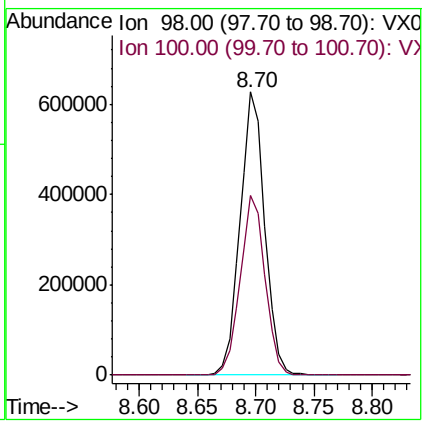


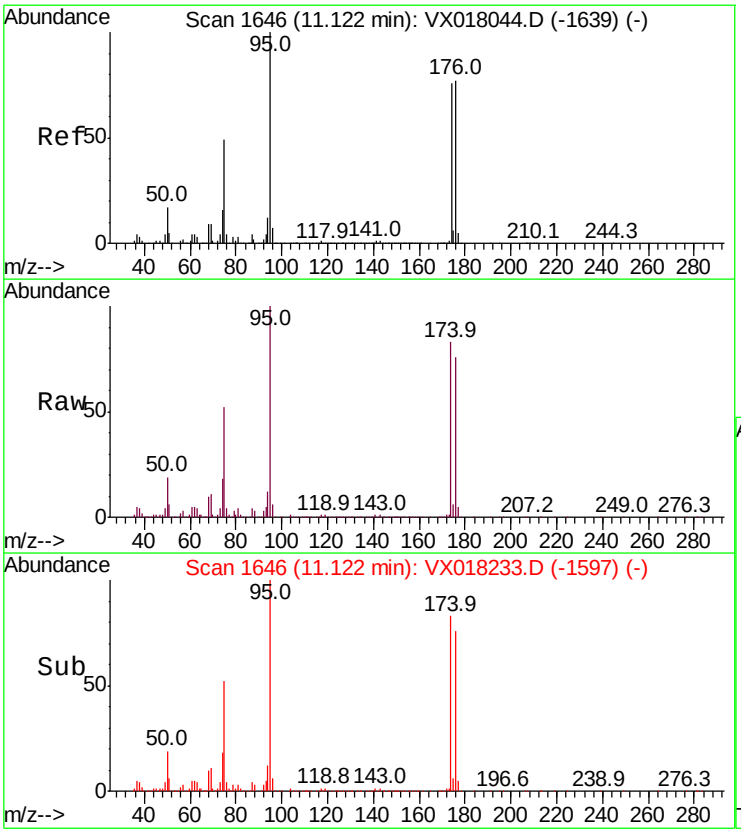

#50
Toluene-d8
Concen: 47.689 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
SA-PZ118S-20200902

Tgt Ion: 98 Resp: 928354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.9 | 52.2 | 78.4 |

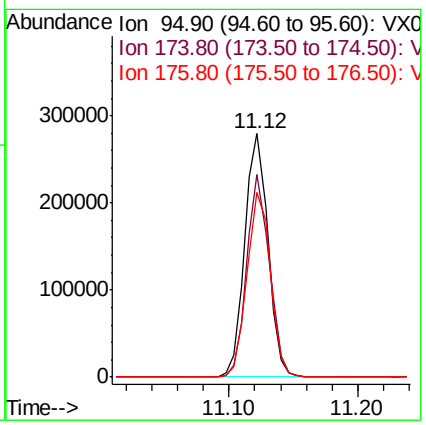


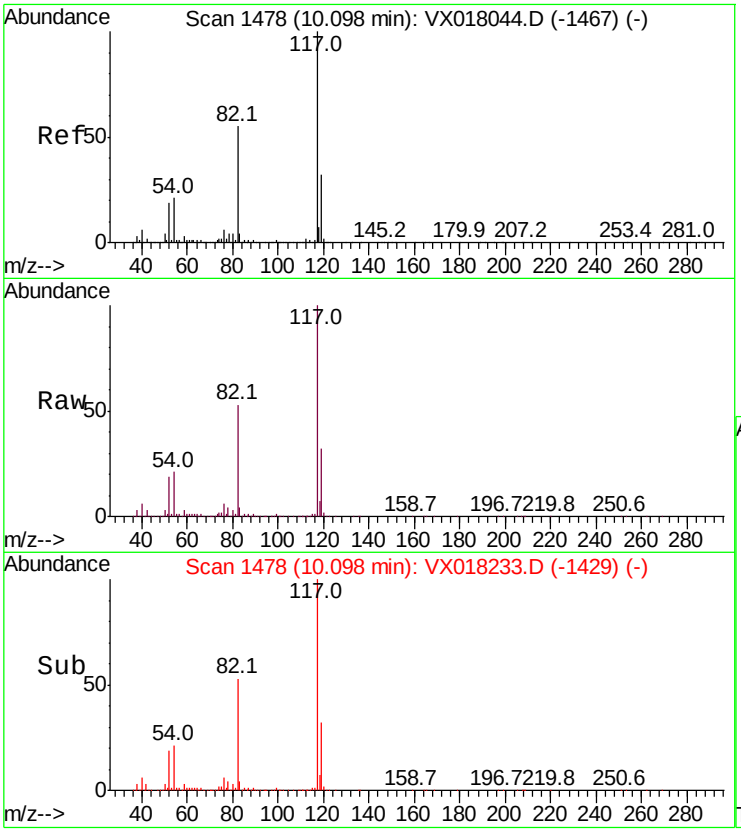




#62
4-Bromofluorobenzene
Concen: 44.953 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

Tgt Ion: 95 Resp: 344295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 81.4 | 0.0 | 160.2 |
| 176 | 77.0 | 0.0 | 155.8 |



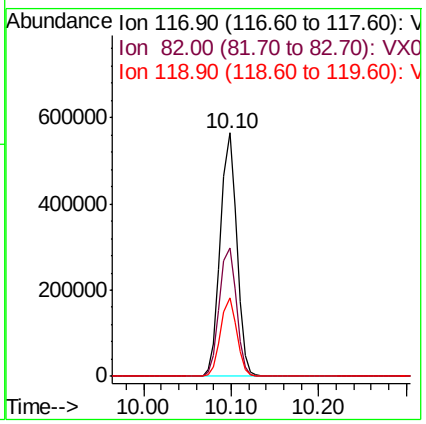


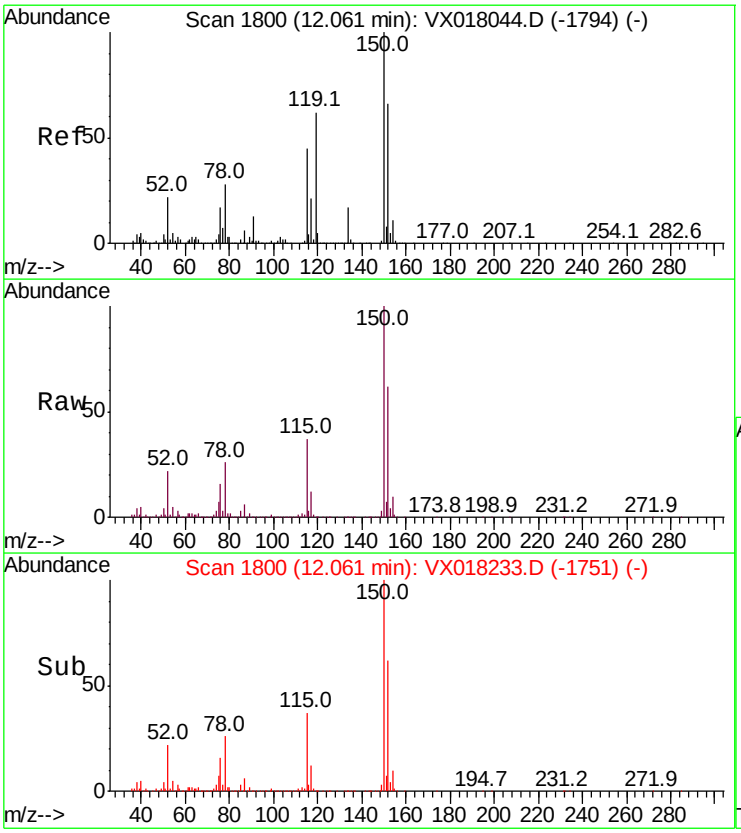

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
SA-PZ118S-20200902

Tgt Ion:117 Resp: 733575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.0 | 44.2 | 66.2 |
| 119 | 32.1 | 25.7 | 38.5 |

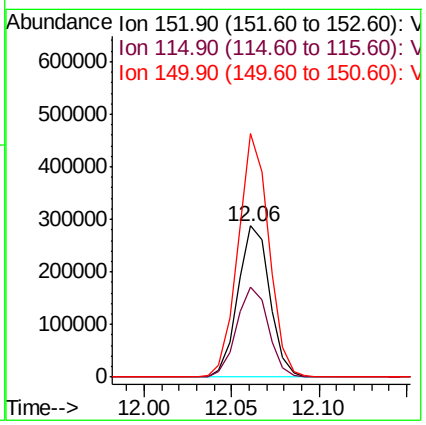


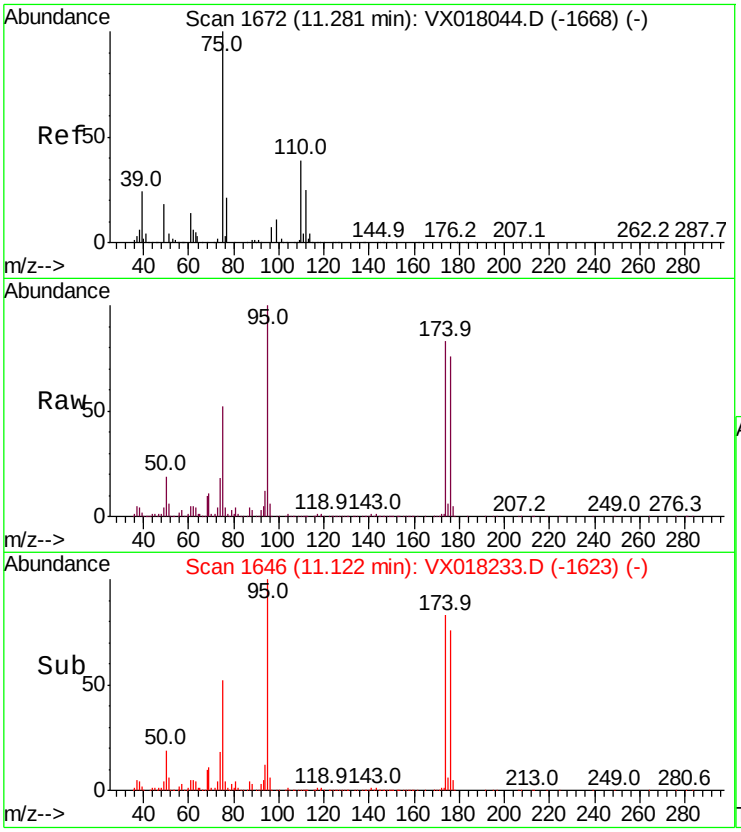




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

Tgt Ion:152 Resp: 362870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.8 | 41.5 | 124.5 |
| 150 | 156.4 | 0.0 | 343.8 |



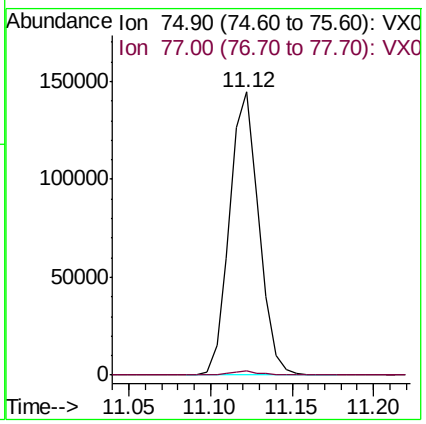


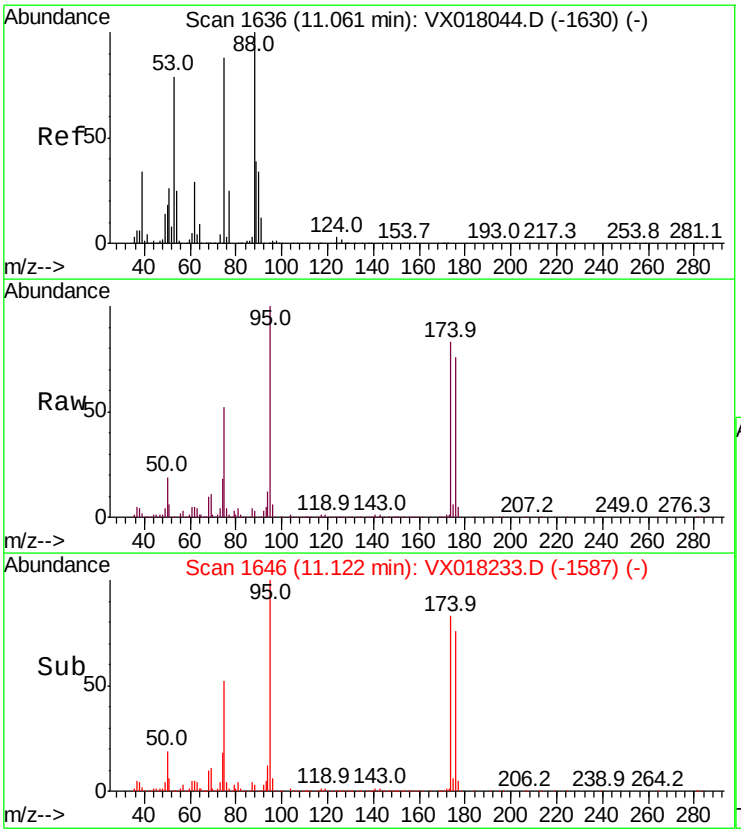

#76
1,2,3-Trichloropropane
Concen: 22.344 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
SA-PZ118S-20200902

Tgt Ion: 75 Resp: 180361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.4 | 20.8 | 62.2# |




#81
trans-1,4-Dichloro-2-butene
Concen: 60.346 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

Tgt Ion: 75 Resp: 180361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.4 | 74.7 | 112.1# |
| 89 | 0.0 | 36.6 | 54.8# |