Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041720\
Data File : VX015748.D
Acq On : 17 Apr 2020 19:02
Operator : JC/SP
Sample : L2325-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :**

Quant Time: Apr 20 01:18:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.63 | 168 | 1025590 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.84 | 114 | 1575745 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.10 | 117 | 1515873 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 827066 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.03 | 65 | 610435 | 42.20 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 84.40% | | | |
| 35) Dibromofluoromethane | 5.47 | 113 | 470230 | 46.68 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 93.36% | | | |
| 50) Toluene-d8 | 8.70 | 98 | 1881860 | 50.75 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.50% | | | |
| 62) 4-Bromofluorobenzene | 11.12 | 95 | 777282 | 51.57 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 103.14% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.31 | 50 | 2303 | 0.200 | ug/l # | 83 |
| 5) Bromomethane | 1.65 | 94 | 1397 | Below Cal | # | 37 |
| 11) Tert butyl alcohol | 3.00 | 59 | 1353 | 0.391 | ug/l # | 1 |
| 13) Acrolein | 2.26 | 56 | 428 | 0.217 | ug/l # | 14 |
| 16) Acetone | 2.42 | 43 | 21944 | 3.531 | ug/l | 98 |
| 20) Methylene Chloride | 2.84 | 84 | 3037 | 0.262 | ug/l # | 36 |
| 25) 2-Butanone | 4.62 | 43 | 2398 | 0.240 | ug/l # | 80 |
| 31) Cyclohexane | 5.63 | 56 | 19378 | 1.058 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 5.63 | 75 | 66662 | 4.591 | ug/l # | 54 |
| 38) Carbon Tetrachloride | 5.63 | 117 | 94432 | 6.005 | ug/l # | 15 |
| 49) 1,4-Dioxane | 7.71 | 88 | 125 | 0.420 | ug/l # | 1 |
| 76) 1,2,3-Trichloropropane | 11.12 | 75 | 392836 | 23.097 | ug/l # | 35 |
| 81) trans-1,4-Dichloro-2-buten | 11.12 | 75 | 392836 | 55.421 | ug/l # | 10 |

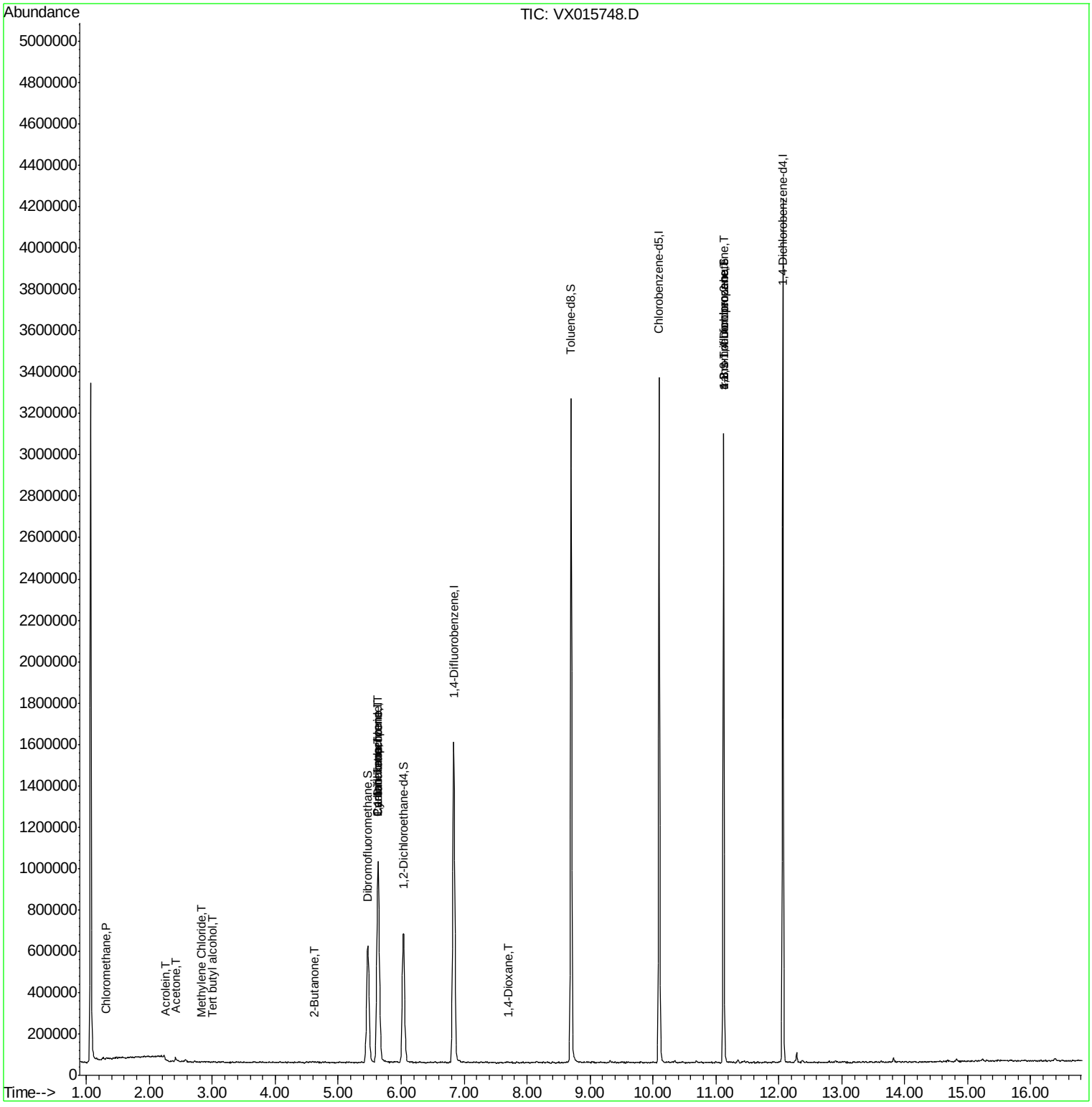
(#) = qualifier out of range (m) = manual integration (+) = signals summed

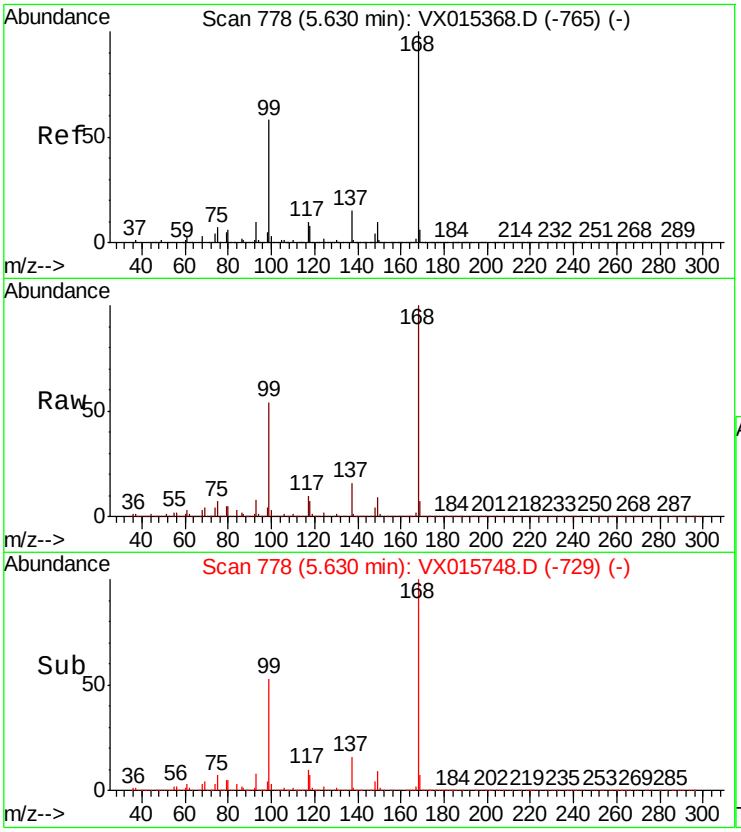
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041720\
Data File : VX015748.D
Acq On : 17 Apr 2020 19:02
Operator : JC/SP
Sample : L2325-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**

Quant Time: Apr 20 01:18:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration



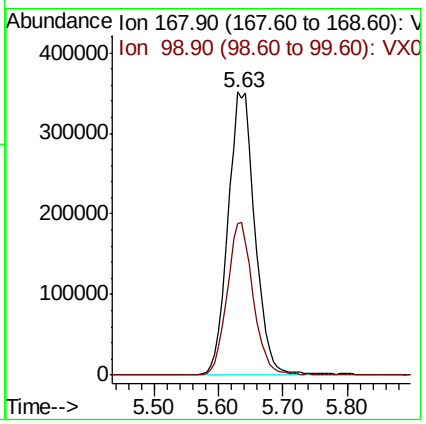


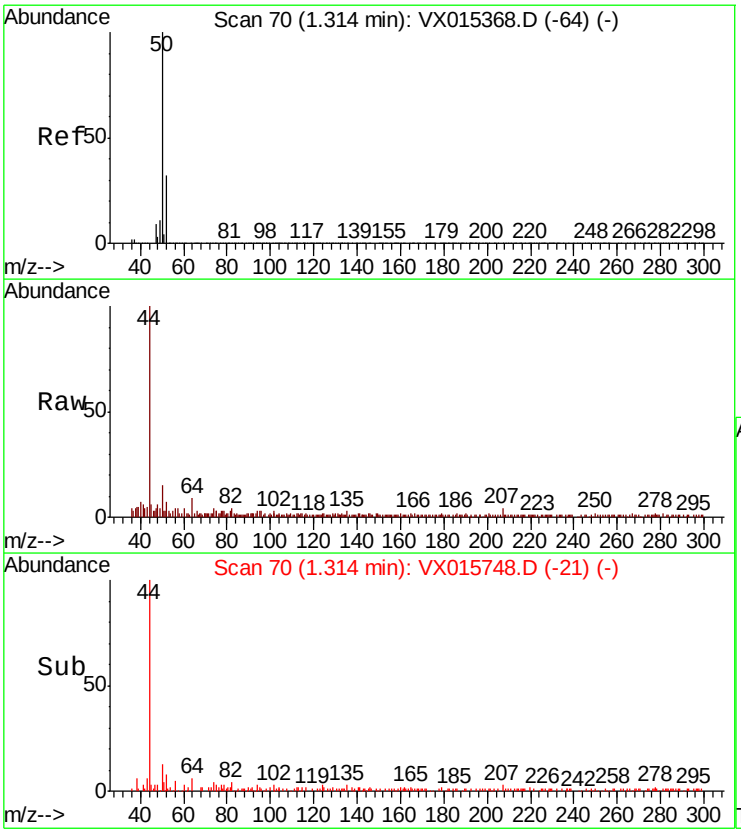

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 778
Delta R.T. 0.00 min
Lab File: VX015748.D
Acq: 17 Apr 2020 19:02

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:168 Resp: 1025590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 53.5 | 46.4 | 69.6 |

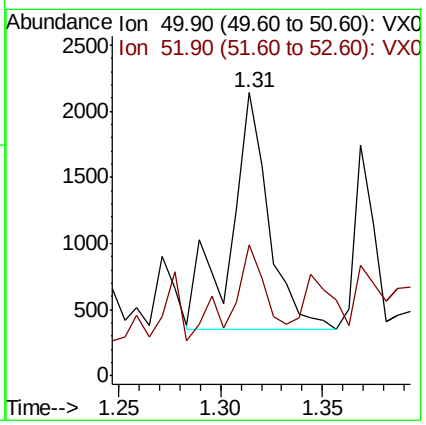


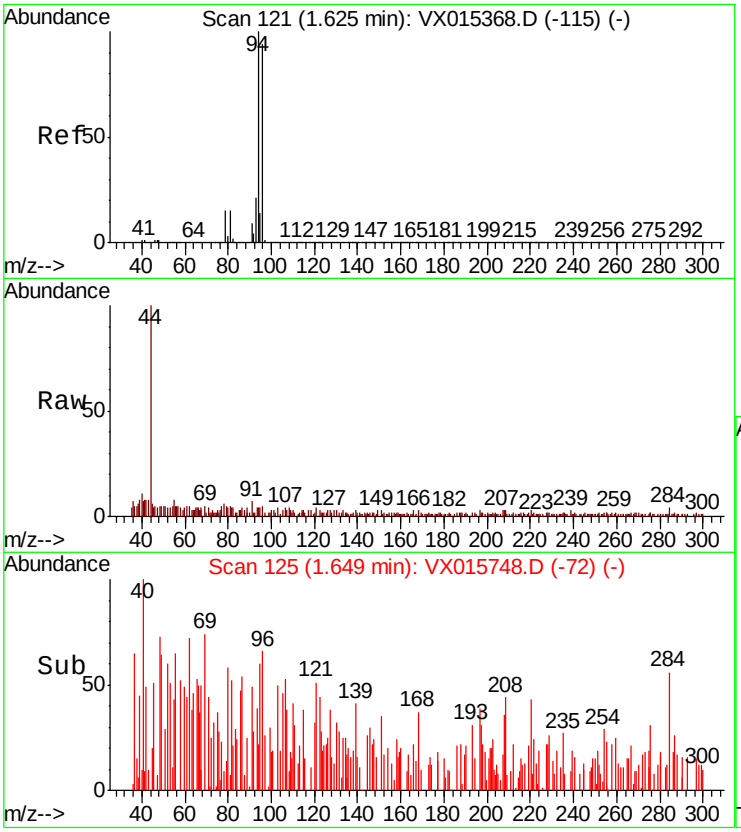




#3
Chloromethane
Concen: 0.200 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015748.D
Acq: 17 Apr 2020 19:02

Tgt Ion: 50 Resp: 2303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 40.9 | 25.3 | 37.9# |



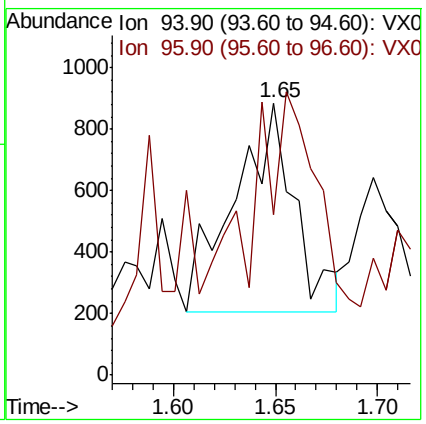


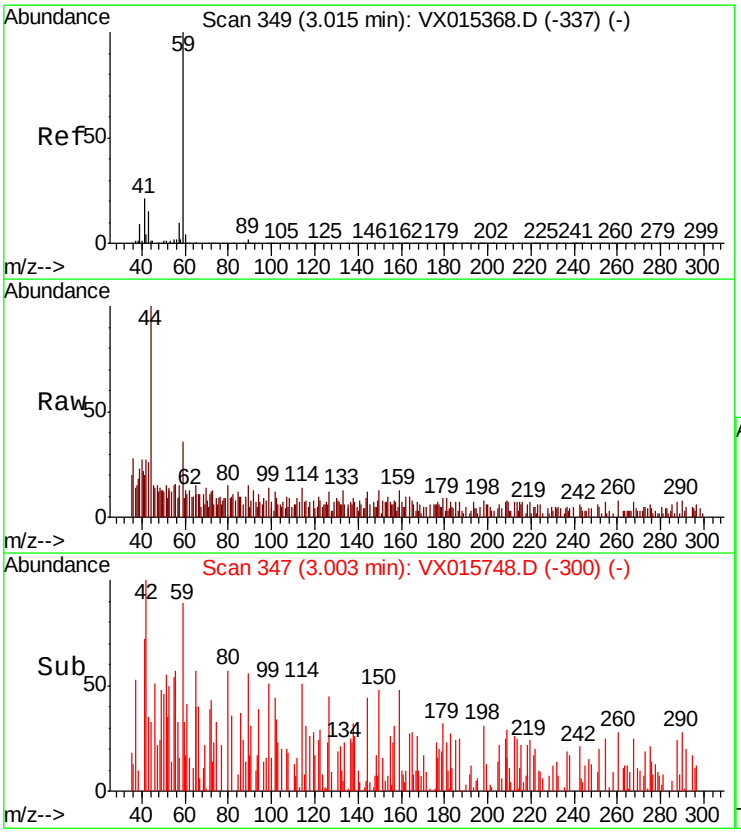

#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 125
Delta R.T. 0.03 min
Lab File: VX015748.D
Acq: 17 Apr 2020 19:02

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 94 Resp: 1397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 32.9 | 74.8 | 112.2# |

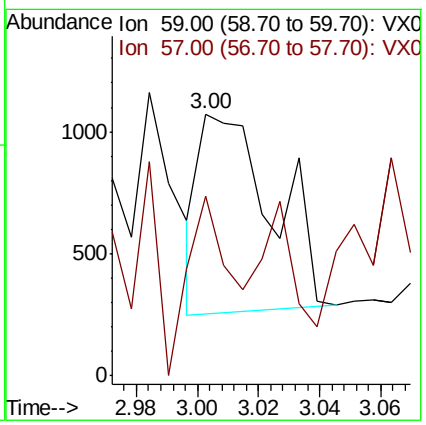


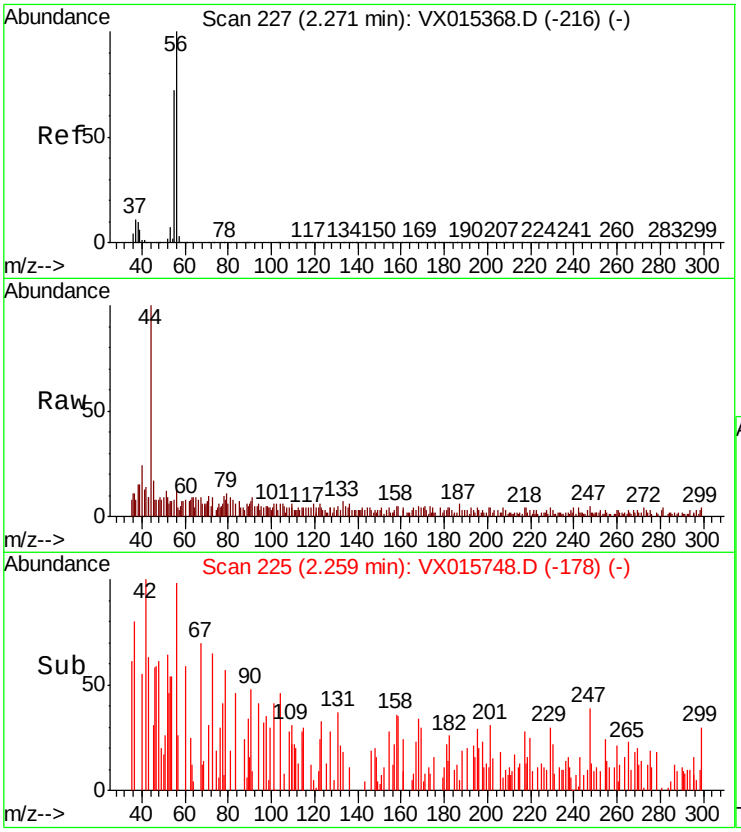




#11
Tert butyl alcohol
Concen: 0.391 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.01 min
Lab File: VX015748.D
Acq: 17 Apr 2020 19:02

Tgt Ion: 59 Resp: 1353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 53.6 | 8.1 | 12.1# |



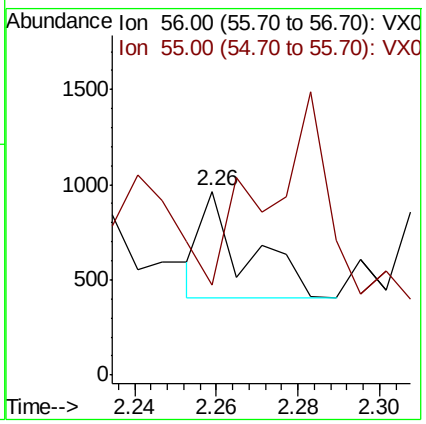


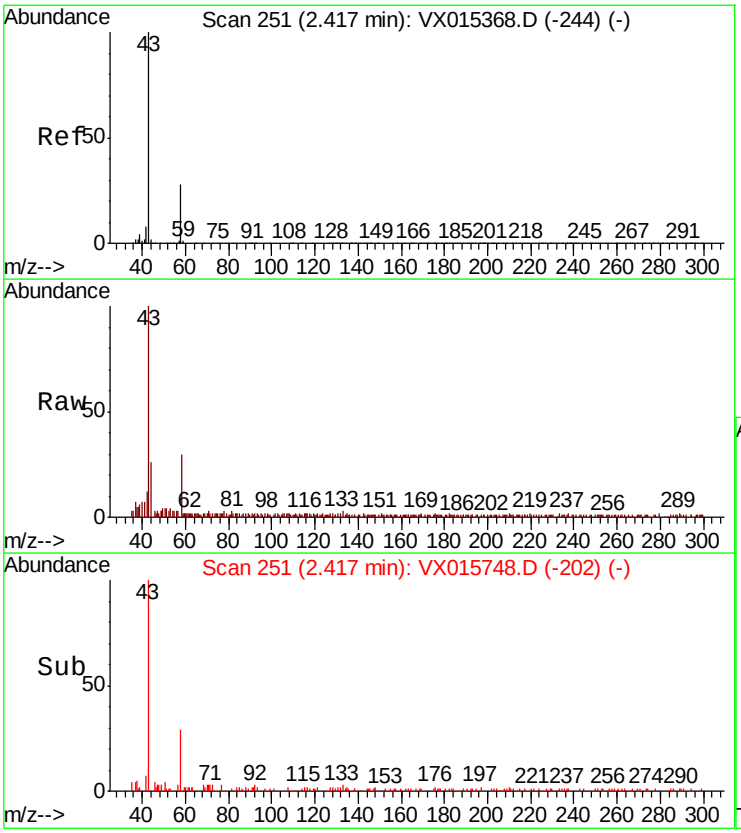

#13
Acrolein
Concen: 0.217 ug/l
RT: 2.26 min Scan# 225
Delta R.T. -0.01 min
Lab File: VX015748.D
Acq: 17 Apr 2020 19:02

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 56 Resp: 428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 0.0 | 57.0 | 85.4# |

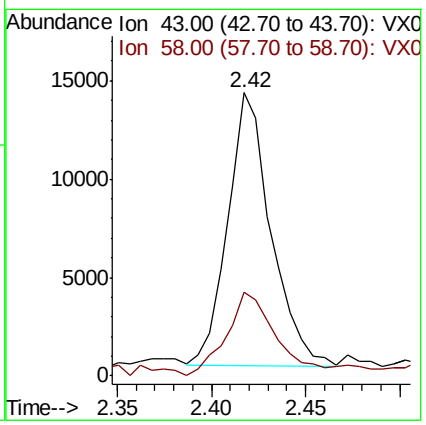


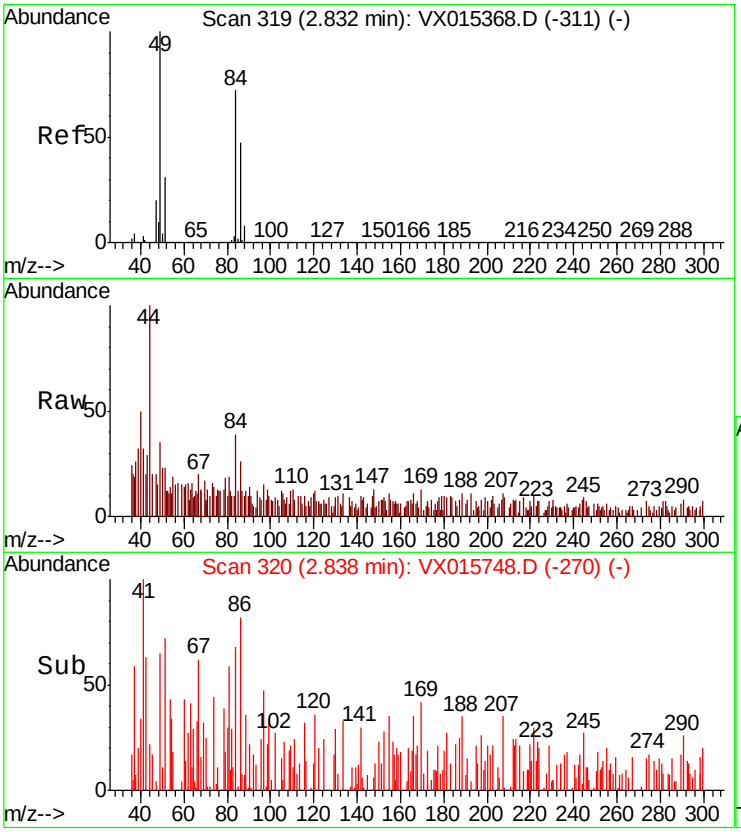




#16
Acetone
Concen: 3.531 ug/l
RT: 2.42 min Scan# 251
Delta R.T. 0.00 min
Lab File: VX015748.D
Acq: 17 Apr 2020 19:02

Tgt Ion: 43 Resp: 21944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.4 | 22.1 | 33.1 |



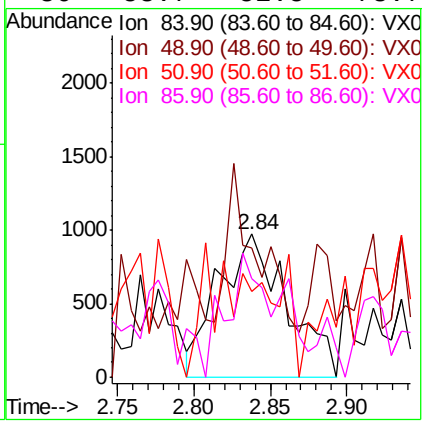


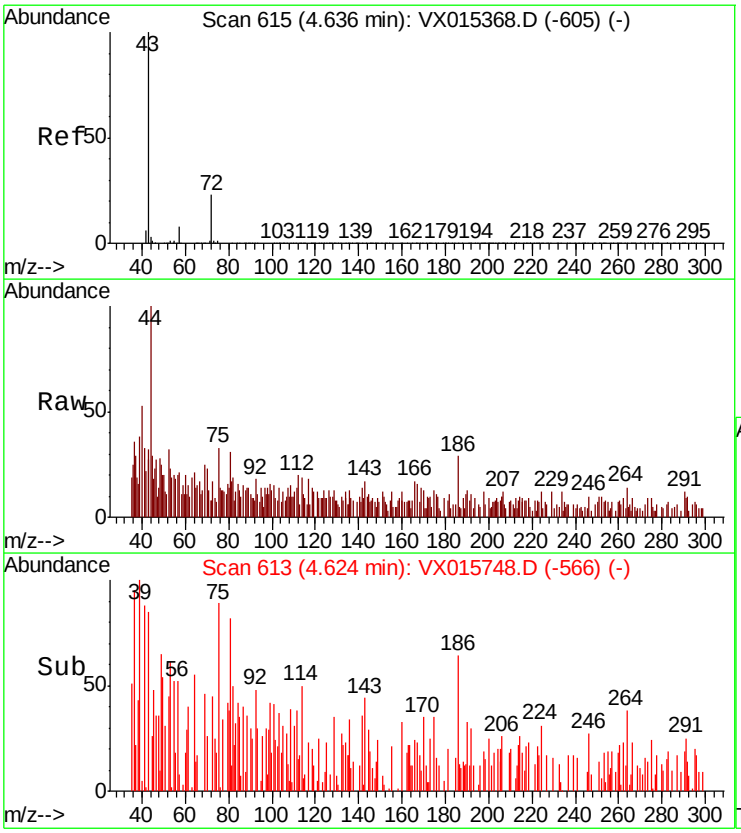

#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015748.D
Acq: 17 Apr 2020 19:02

**Instrument :** MSVOA_X
**ClientSampleId :**

Tgt Ion: 84 Resp: 3037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 17.4 | 111.3 | 166.9# |
| 51 | 24.0 | 34.0 | 51.0# |
| 86 | 58.7 | 52.5 | 78.7 |

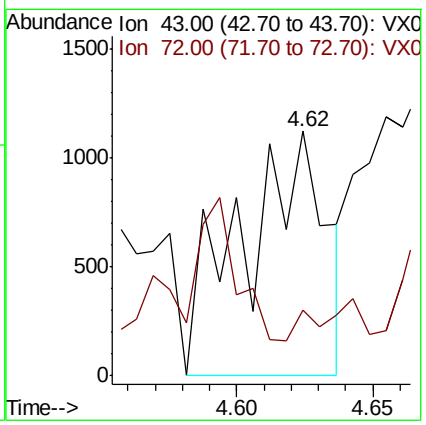


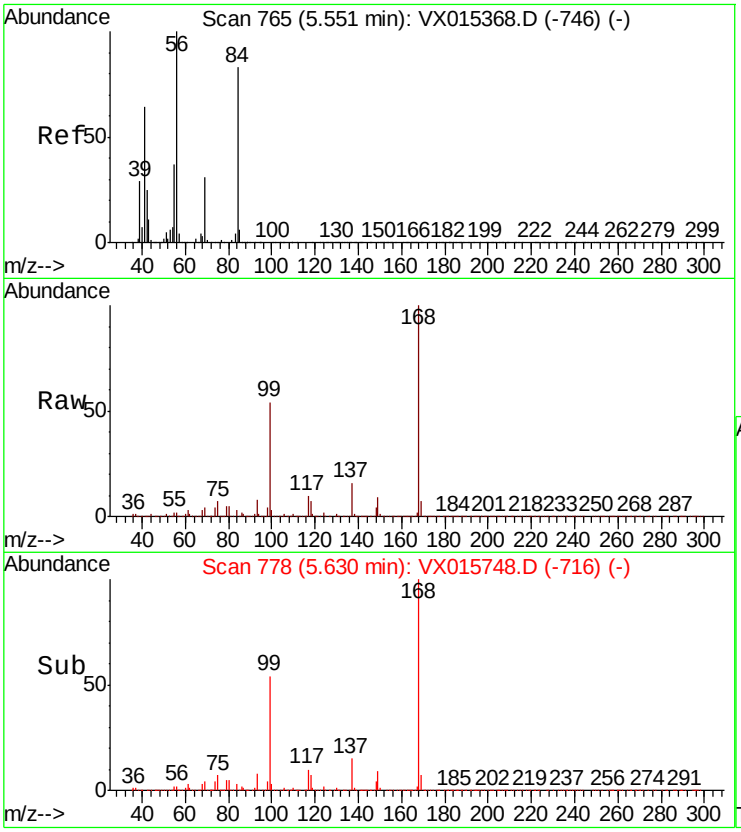




#25
2-Butanone
Concen: 0.240 ug/l
RT: 4.62 min Scan# 613
Delta R.T. -0.01 min
Lab File: VX015748.D
Acq: 17 Apr 2020 19:02

Tgt Ion: 43 Resp: 2398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 33.7 | 19.0 | 28.4# |



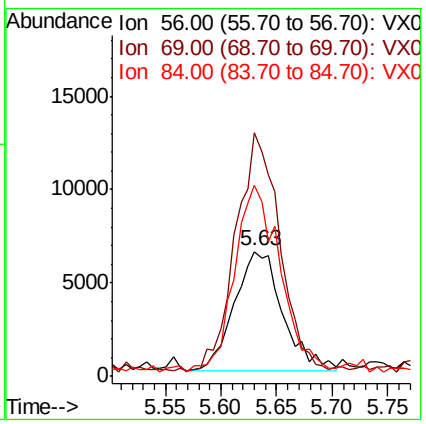


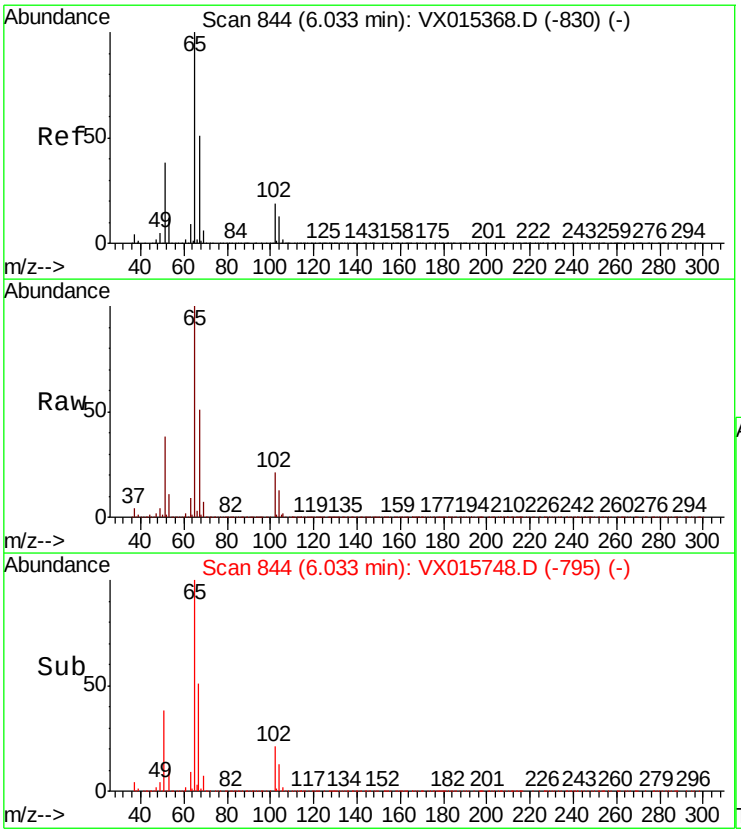

#31
Cyclohexane
Concen: 1.058 ug/l
RT: 5.63 min Scan# 778
Delta R.T. 0.08 min
Lab File: VX015748.D
Acq: 17 Apr 2020 19:02

**Instrument :** MSVOA_X
**ClientSampleId :**

Tgt Ion: 56 Resp: 19378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 199.0 | 24.6 | 36.8# |
| 84 | 156.4 | 66.1 | 99.1# |

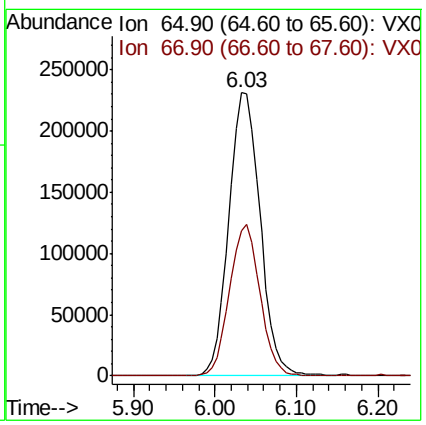


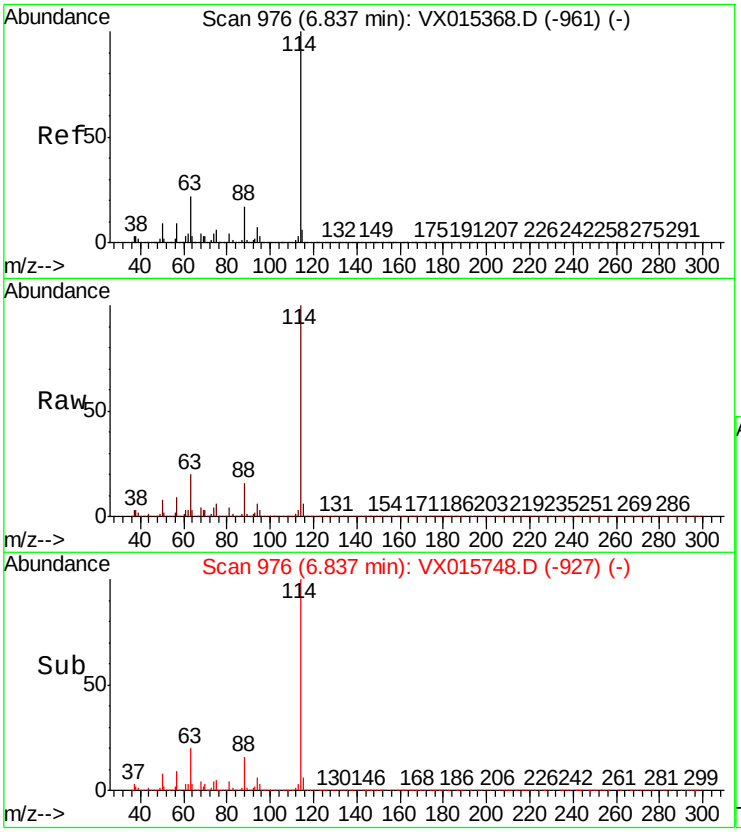




#33
1,2-Dichloroethane-d4
Concen: 42.201 ug/l
RT: 6.03 min Scan# 844
Delta R.T. 0.00 min
Lab File: VX015748.D
Acq: 17 Apr 2020 19:02

Tgt Ion: 65 Resp: 610435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.9 | 0.0 | 102.6 |



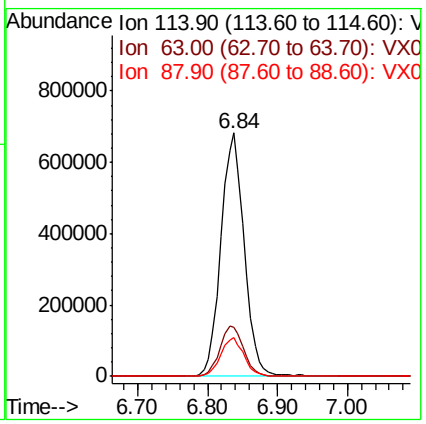


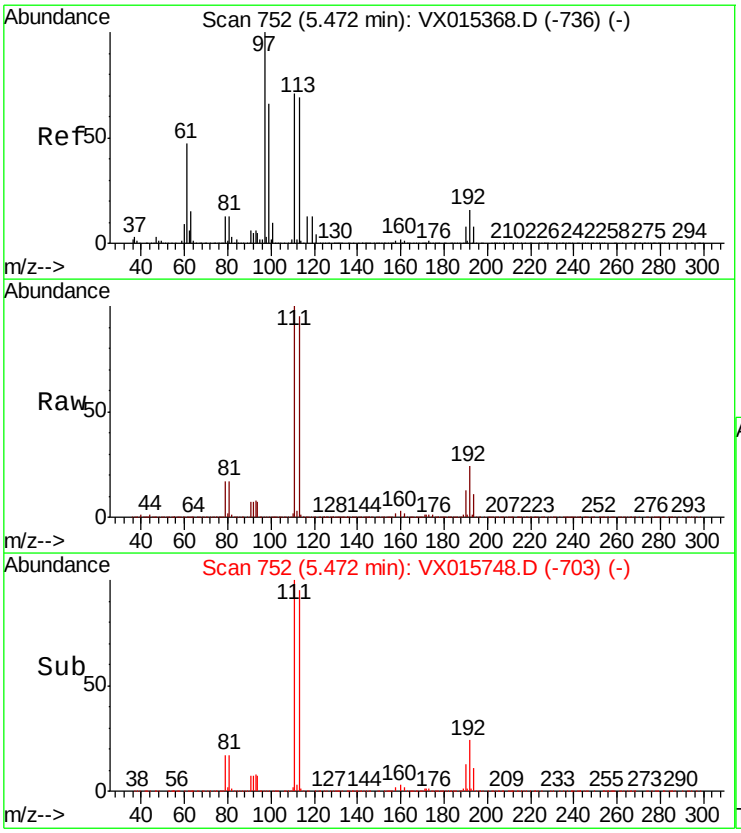

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 976
Delta R.T. 0.00 min
Lab File: VX015748.D
Acq: 17 Apr 2020 19:02

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:114 Resp: 1575745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.2 | 0.0 | 44.2 |
| 88 | 15.8 | 0.0 | 33.8 |

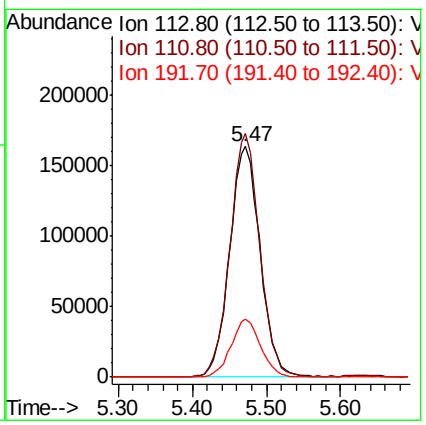


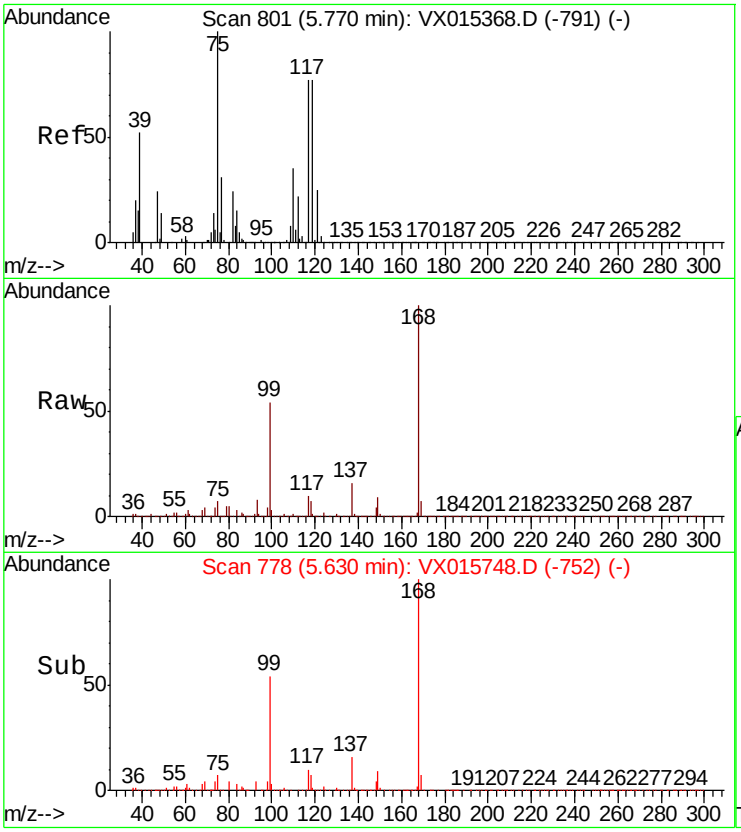




#35
Dibromofluoromethane
Concen: 46.684 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015748.D
Acq: 17 Apr 2020 19:02

Tgt Ion:113 Resp: 470230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.2 | 81.5 | 122.3 |
| 192 | 24.2 | 17.8 | 26.6 |



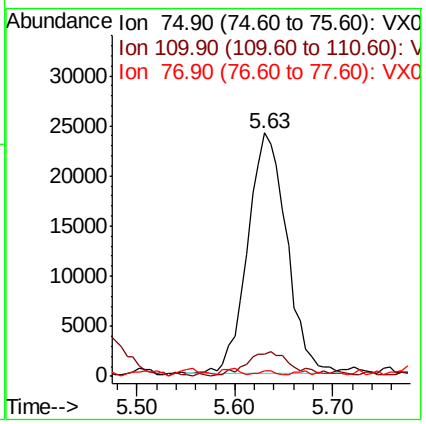


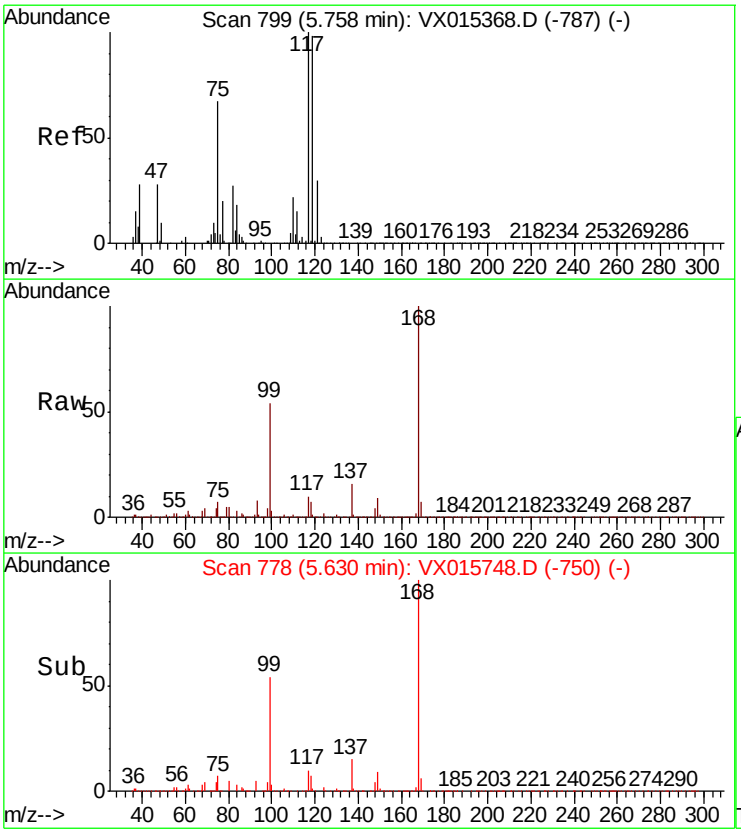

#36
1,1-Dichloropropene
Concen: 4.591 ug/l
RT: 5.63 min Scan# 778
Delta R.T. -0.14 min
Lab File: VX015748.D
Acq: 17 Apr 2020 19:02

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 75 Resp: 66662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 12.1 | 17.1 | 51.3# |
| 77 | 0.7 | 24.6 | 36.8# |

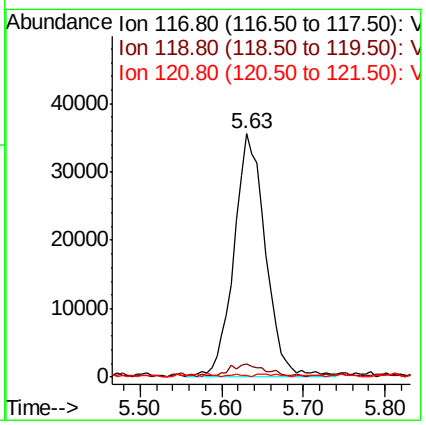


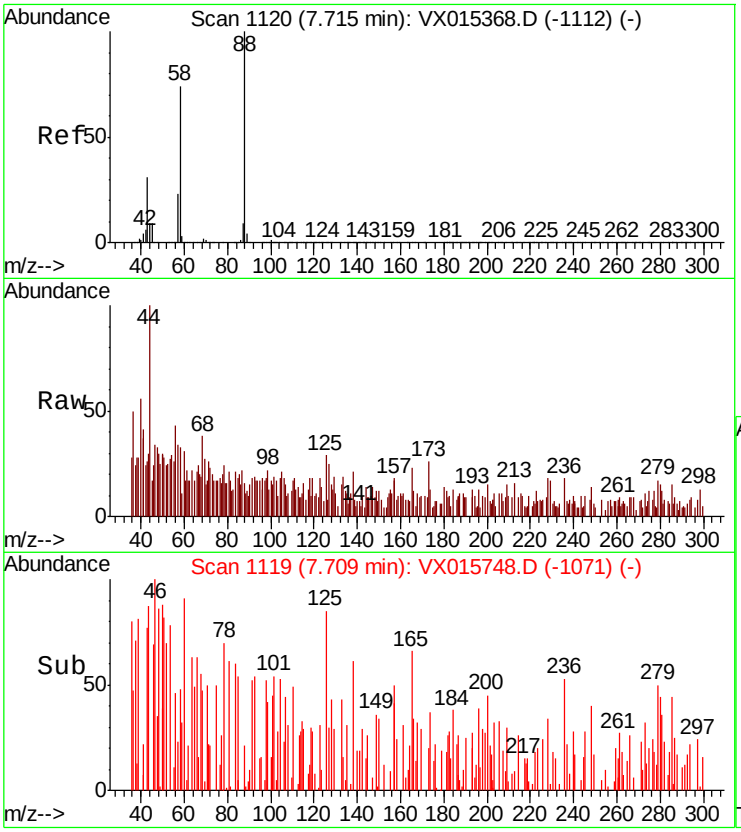




#38
Carbon Tetrachloride
Concen: 6.005 ug/l
RT: 5.63 min Scan# 778
Delta R.T. -0.13 min
Lab File: VX015748.D
Acq: 17 Apr 2020 19:02

Tgt Ion:117 Resp: 94432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.6 | 78.0 | 117.0# |
| 121 | 0.4 | 23.8 | 35.8# |



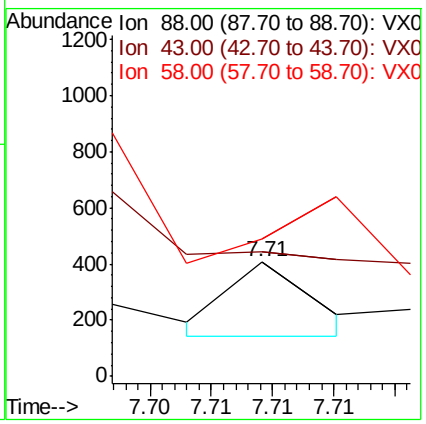


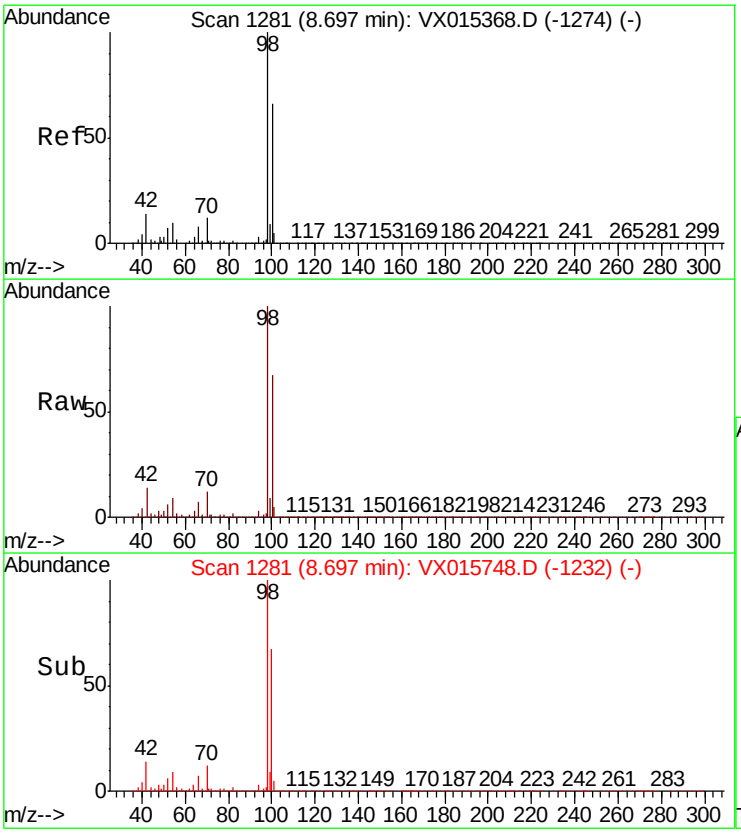

#49
1,4-Dioxane
Concen: 0.420 ug/l
RT: 7.71 min Scan# 1119
Delta R.T. -0.01 min
Lab File: VX015748.D
Acq: 17 Apr 2020 19:02

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 88 Resp: 125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 0.0 | 30.1 | 45.1# |
| 58 | 813.6 | 60.6 | 90.8# |

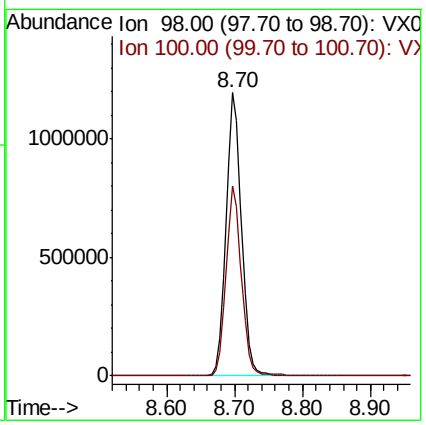


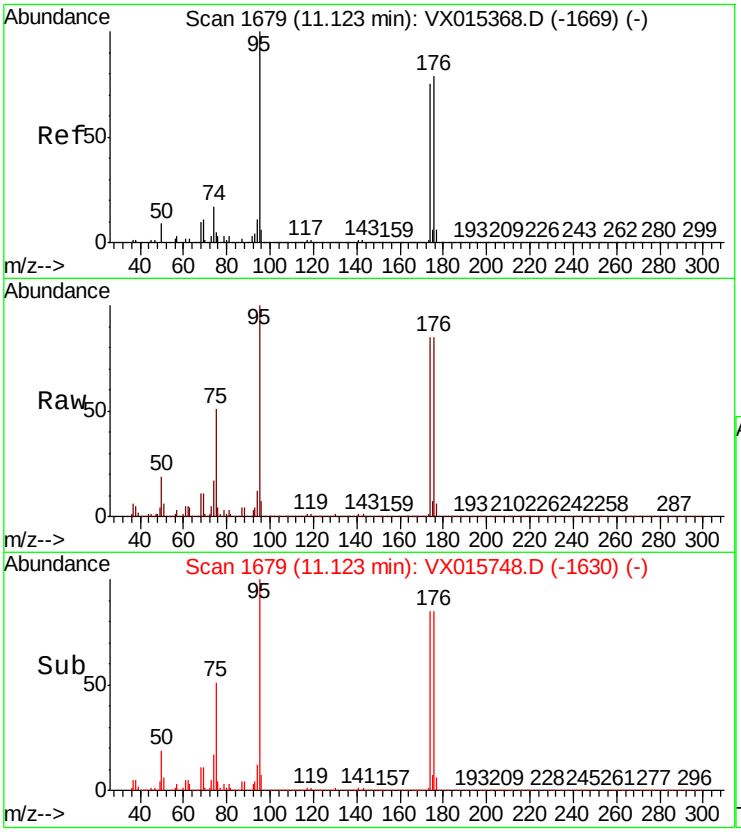




#50
Toluene-d8
Concen: 50.745 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015748.D
Acq: 17 Apr 2020 19:02

Tgt Ion: 98 Resp: 1881860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.5 | 53.5 | 80.3 |



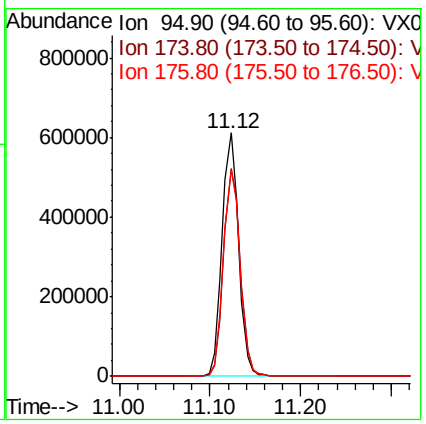


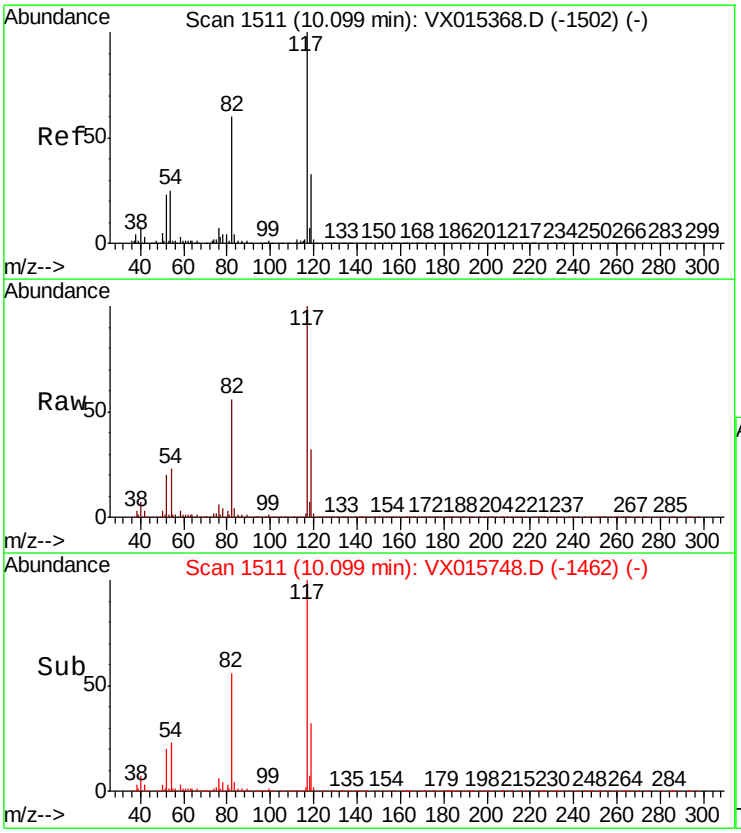

#62
4-Bromofluorobenzene
Concen: 51.574 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015748.D
Acq: 17 Apr 2020 19:02

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 95 Resp: 777282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 86.6 | 0.0 | 158.6 |
| 176 | 86.1 | 0.0 | 159.0 |

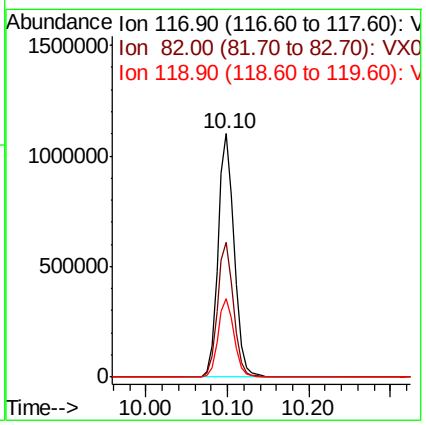


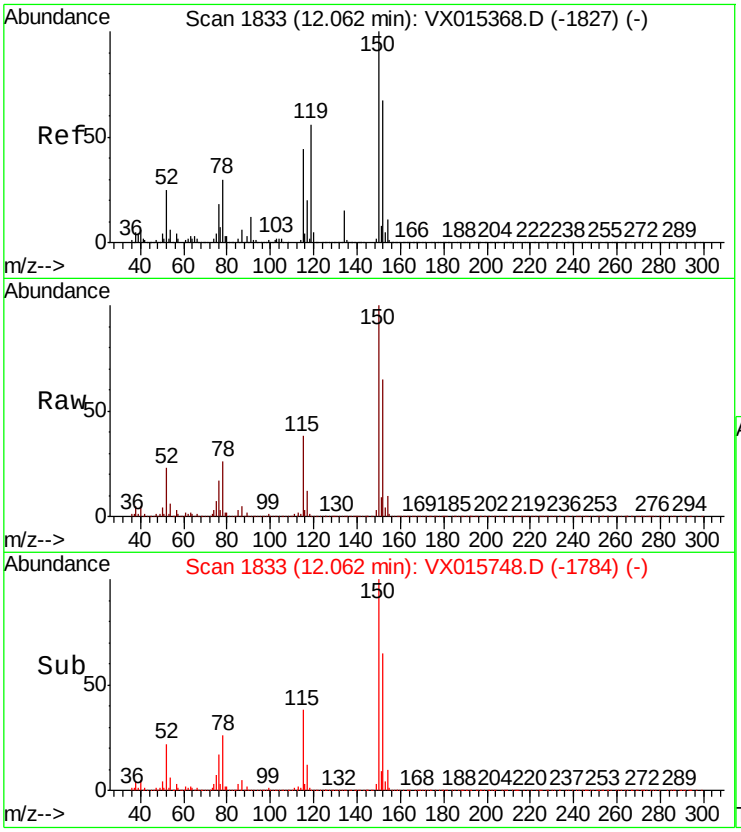




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015748.D
Acq: 17 Apr 2020 19:02

Tgt Ion:117 Resp: 1515873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.6 | 47.8 | 71.8 |
| 119 | 32.2 | 26.8 | 40.2 |



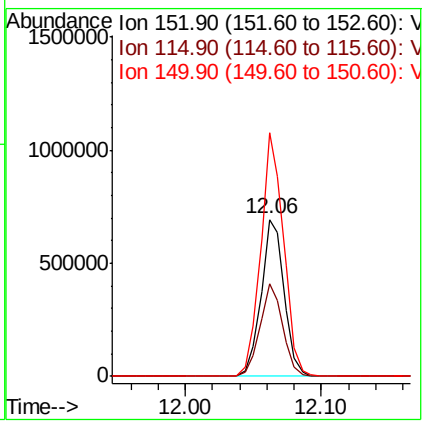


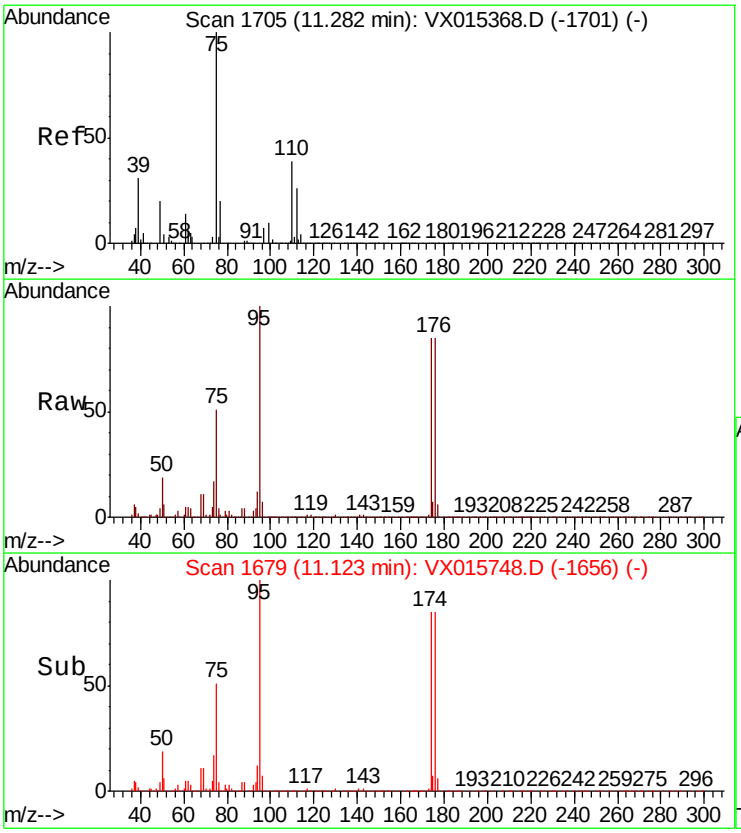

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015748.D
Acq: 17 Apr 2020 19:02

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:152 Resp: 827066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 58.2 | 39.0 | 116.9 |
| 150 | 154.2 | 0.0 | 340.8 |

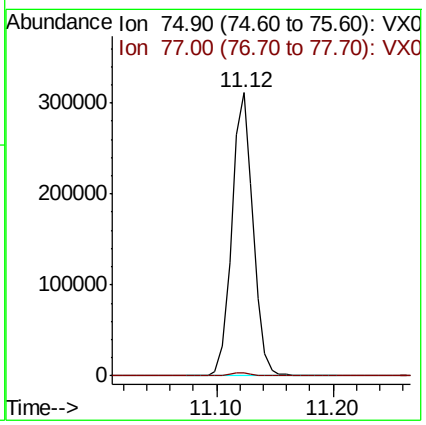


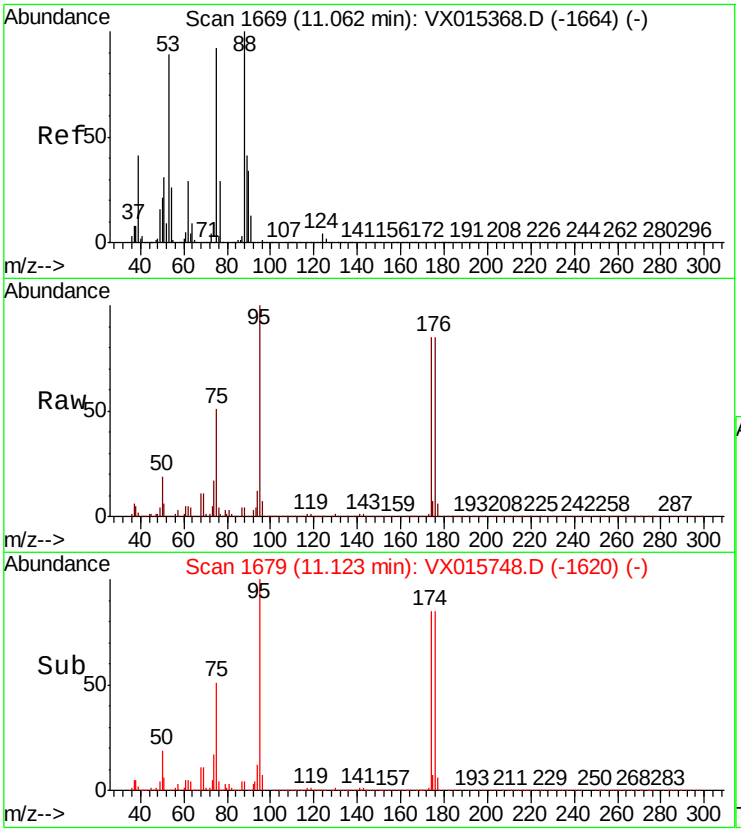




#76
1,2,3-Trichloropropane
Concen: 23.097 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.16 min
Lab File: VX015748.D
Acq: 17 Apr 2020 19:02

Tgt Ion: 75 Resp: 392836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.0 | 21.2 | 63.6# |






#81
trans-1,4-Dichloro-2-butene
Concen: 55.421 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.06 min
Lab File: VX015748.D
Acq: 17 Apr 2020 19:02

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 75 Resp: 392836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.1 | 80.1 | 120.1# |
| 89 | 0.0 | 36.1 | 54.1# |