Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX033120\
Data File : VX015451.D
Acq On : 31 Mar 2020 14:12
Operator : JC/SP
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Apr 01 07:32:04 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 | 5.64 | 168 | 1132010 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.84 | 114 | 1829730 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.10 | 117 | 1749541 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 942715 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.03 | 65 | 766997 | 48.04 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.08% | | | |
| 35) Dibromofluoromethane | 5.47 | 113 | 577755 | 49.40 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.80% | | | |
| 50) Toluene-d8 | 8.70 | 98 | 2210144 | 51.32 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.64% | | | |
| 62) 4-Bromofluorobenzene | 11.12 | 95 | 956349 | 54.65 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 109.30% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Bromomethane | 1.65 | 94 | 679 | Below Cal | | 93 |
| 11) Tert butyl alcohol | 2.99 | 59 | 1280 | 0.335 | ug/l | 98 |
| 13) Acrolein | 2.25 | 56 | 1815 | 0.834 | ug/l # | 33 |
| 16) Acetone | 2.42 | 43 | 3460 | 0.504 | ug/l | 100 |
| 36) 1,1-Dichloropropene | 5.63 | 75 | 81576 | 4.839 | ug/l # | 54 |
| 38) Carbon Tetrachloride | 5.63 | 117 | 109183 | 5.979 | ug/l # | 16 |
| 49) 1,4-Dioxane | 7.70 | 88 | 1010 | 2.925 | ug/l # | 64 |
| 68) m/p-Xylenes | 10.34 | 106 | 6761 | 0.293 | ug/l | 93 |
| 76) 1,2,3-Trichloropropane | 11.12 | 75 | 492259 | 25.392 | ug/l # | 35 |
| 81) trans-1,4-Dichloro-2-buten | 11.12 | 75 | 492259 | 60.928 | ug/l # | 10 |
| 84) 1,2,4-Trimethylbenzene | 11.79 | 105 | 32598 | 0.606 | ug/l | 99 |
| 95) Naphthalene | 13.82 | 128 | 29108 | 0.418 | ug/l # | 95 |

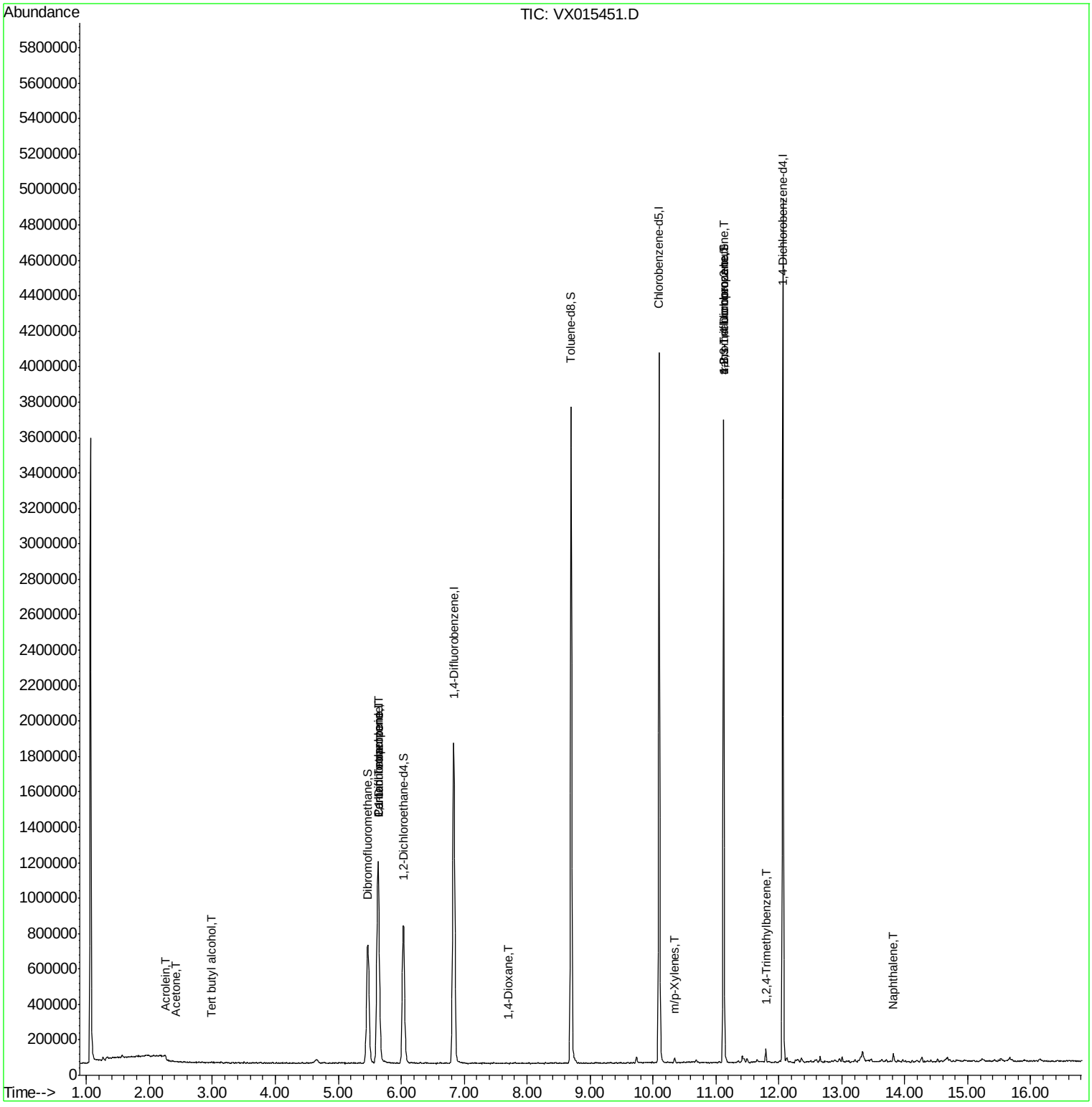
(#) = qualifier out of range (m) = manual integration (+) = signals summed

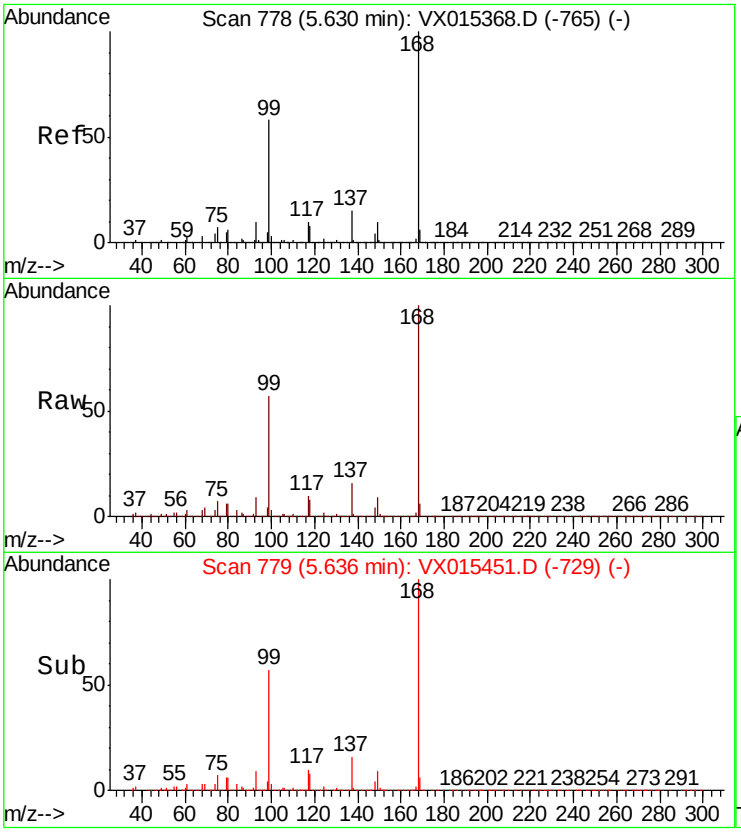
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX033120\
Data File : VX015451.D
Acq On : 31 Mar 2020 14:12
Operator : JC/SP
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Apr 01 07:32:04 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



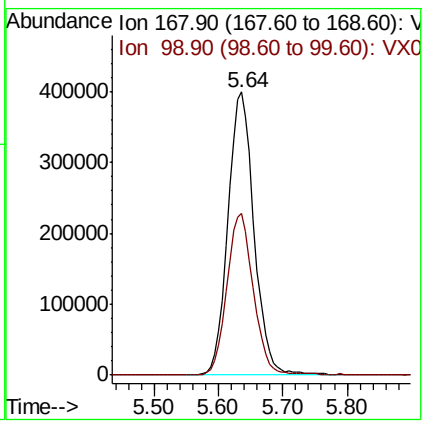


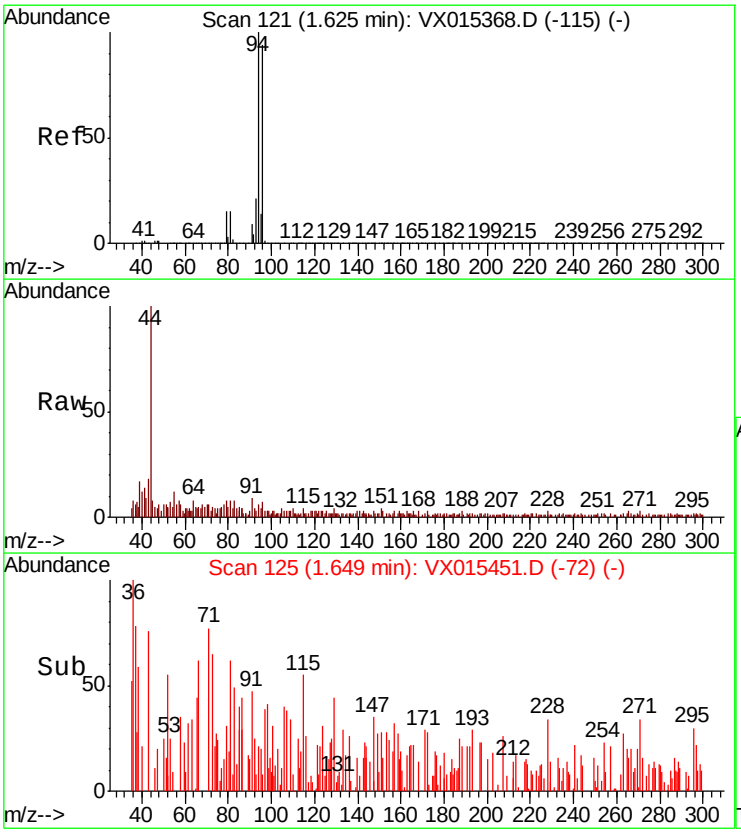

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 779
Delta R.T. 0.01 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

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

Tgt Ion:168 Resp: 1132010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 57.3 | 46.4 | 69.6 |

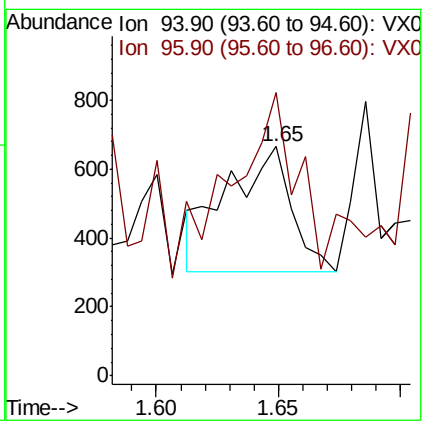


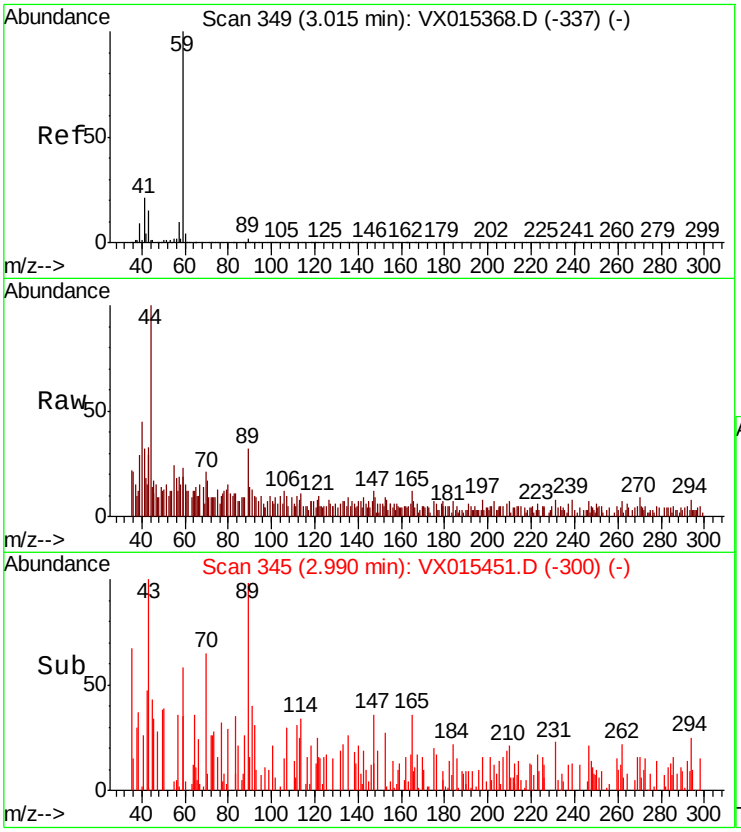




#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 125
Delta R.T. 0.03 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

Tgt Ion: 94 Resp: 679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 86.8 | 74.8 | 112.2 |



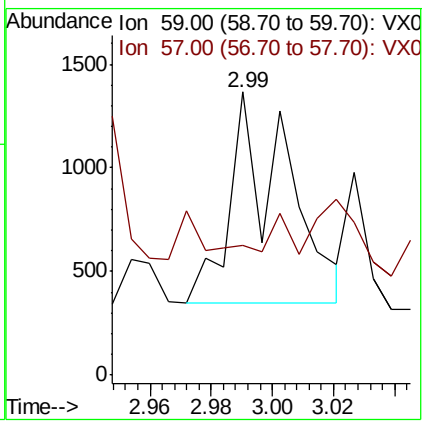


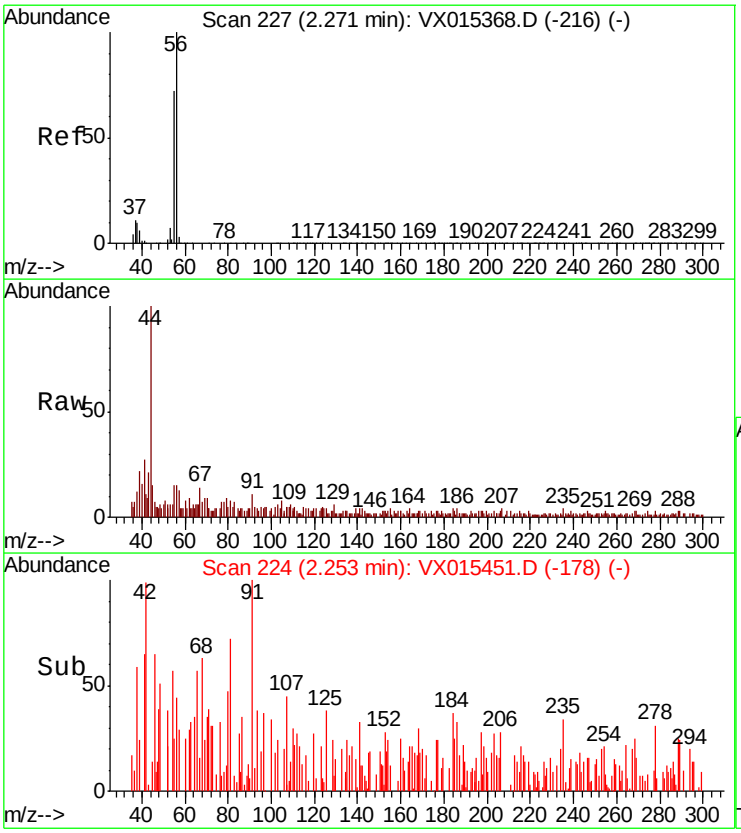

#11
Tert butyl alcohol
Concen: 0.335 ug/l
RT: 2.99 min Scan# 345
Delta R.T. -0.02 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

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

Tgt Ion: 59 Resp: 1280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.5 | 8.1 | 12.1 |

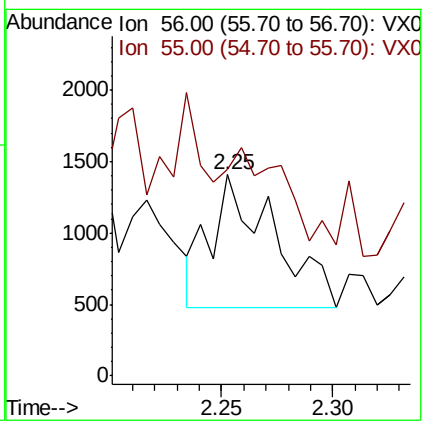


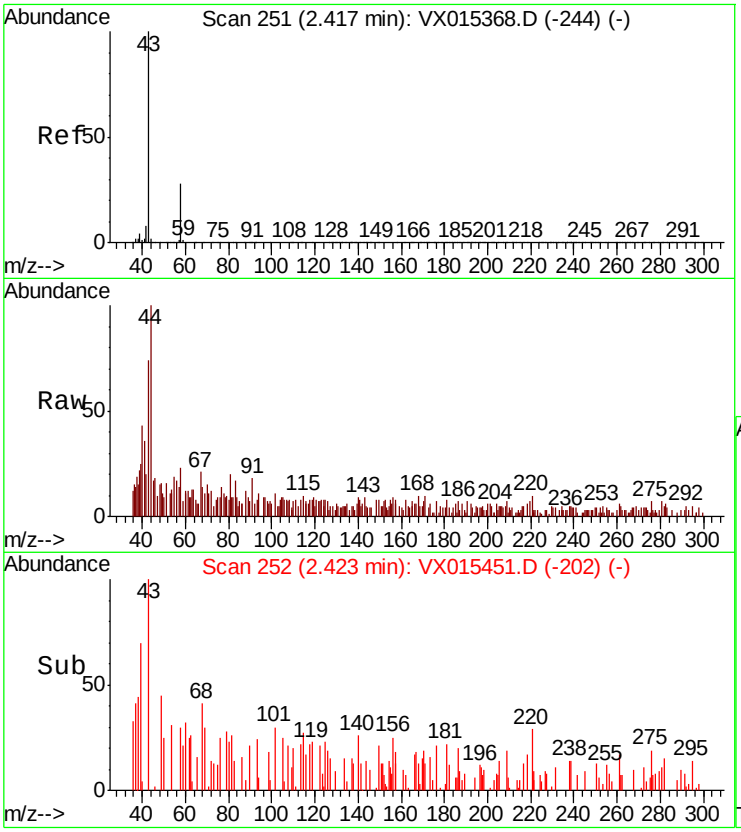




#13
Acrolein
Concen: 0.834 ug/l
RT: 2.25 min Scan# 224
Delta R.T. -0.02 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

Tgt Ion: 56 Resp: 1815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 15.6 | 57.0 | 85.4# |



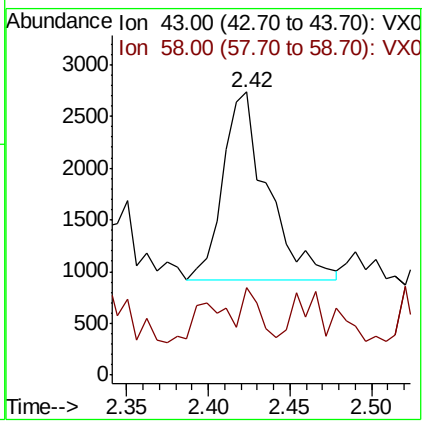


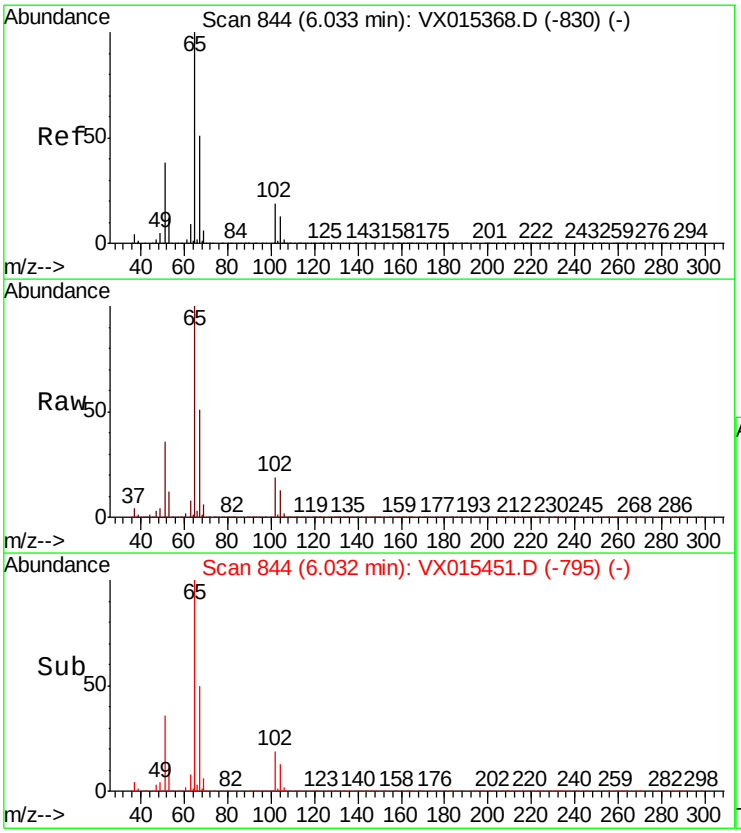

#16
Acetone
Concen: 0.504 ug/l
RT: 2.42 min Scan# 252
Delta R.T. 0.01 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

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

Tgt Ion: 43 Resp: 3460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.4 | 22.1 | 33.1 |

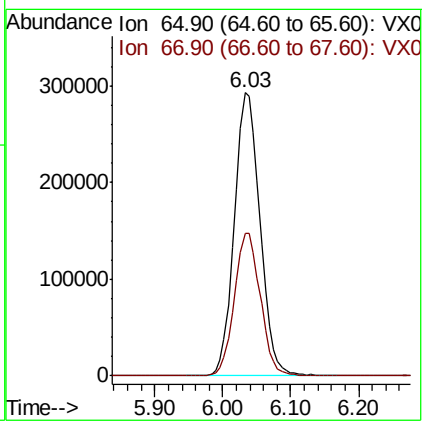


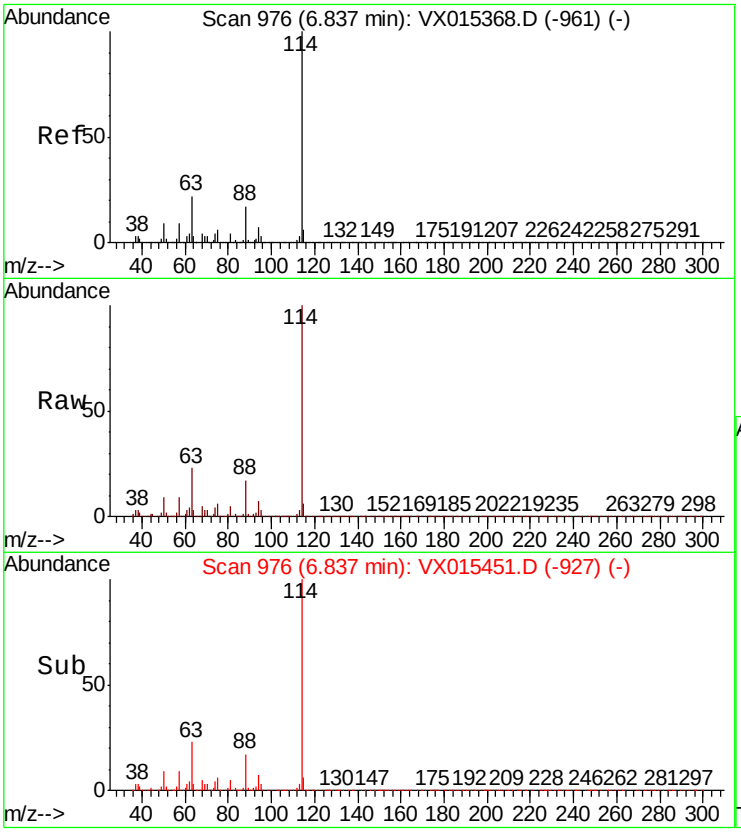




#33
1,2-Dichloroethane-d4
Concen: 48.040 ug/l
RT: 6.03 min Scan# 844
Delta R.T. -0.00 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

Tgt Ion: 65 Resp: 766997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.8 | 0.0 | 102.6 |



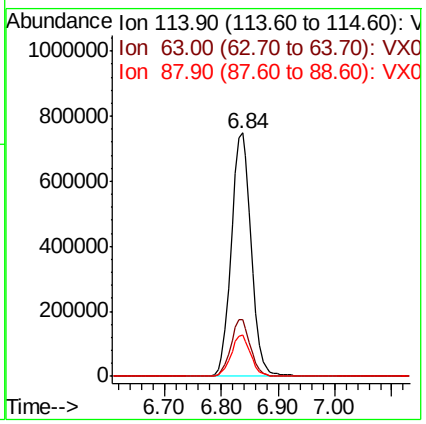


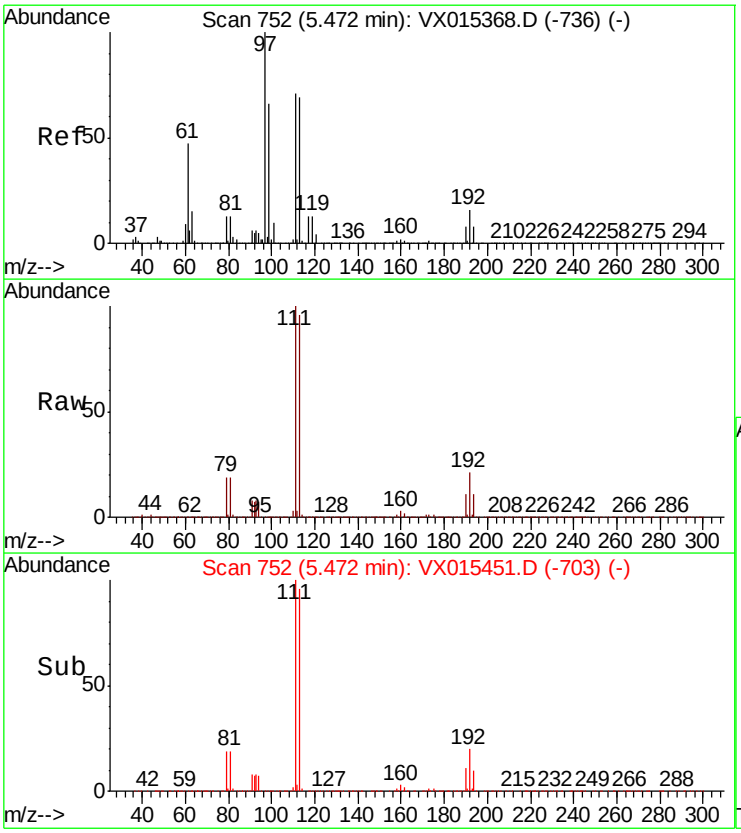

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 976
Delta R.T. -0.00 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

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

Tgt Ion:114 Resp: 1829730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.3 | 0.0 | 44.2 |
| 88 | 16.7 | 0.0 | 33.8 |

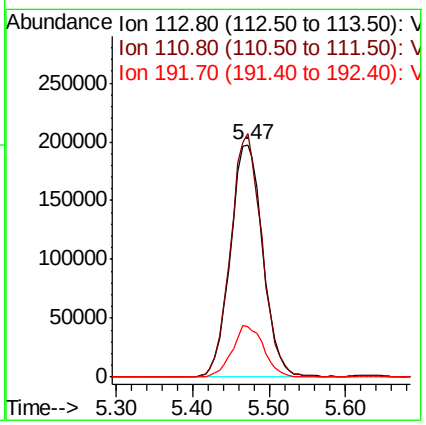


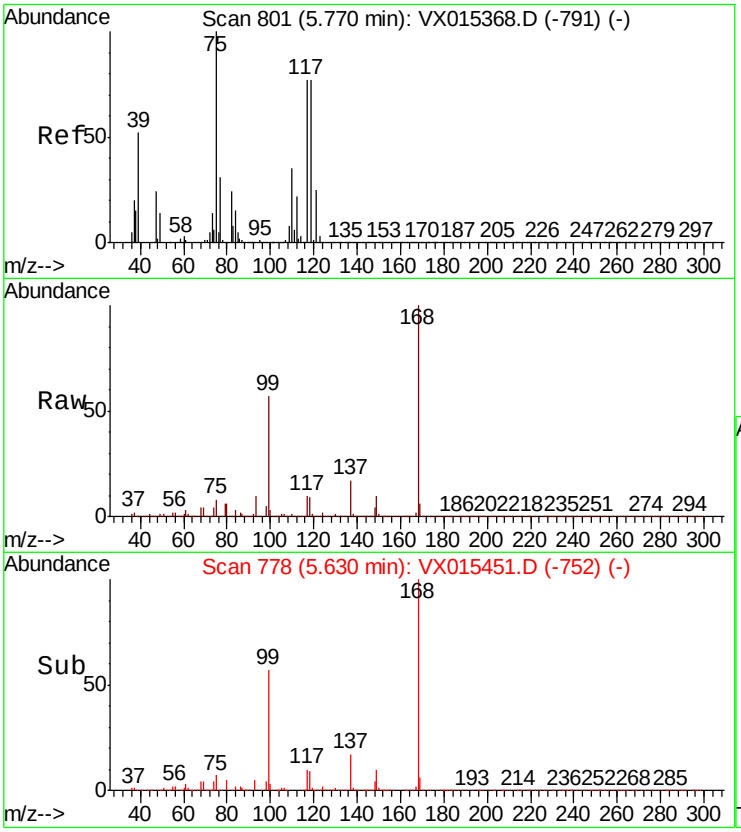




#35
Dibromofluoromethane
Concen: 49.397 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

Tgt Ion:113 Resp: 577755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.3 | 81.5 | 122.3 |
| 192 | 21.6 | 17.8 | 26.6 |



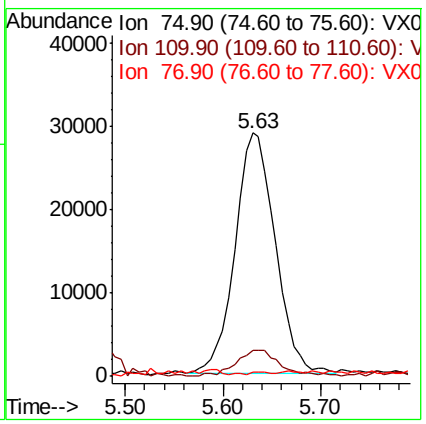


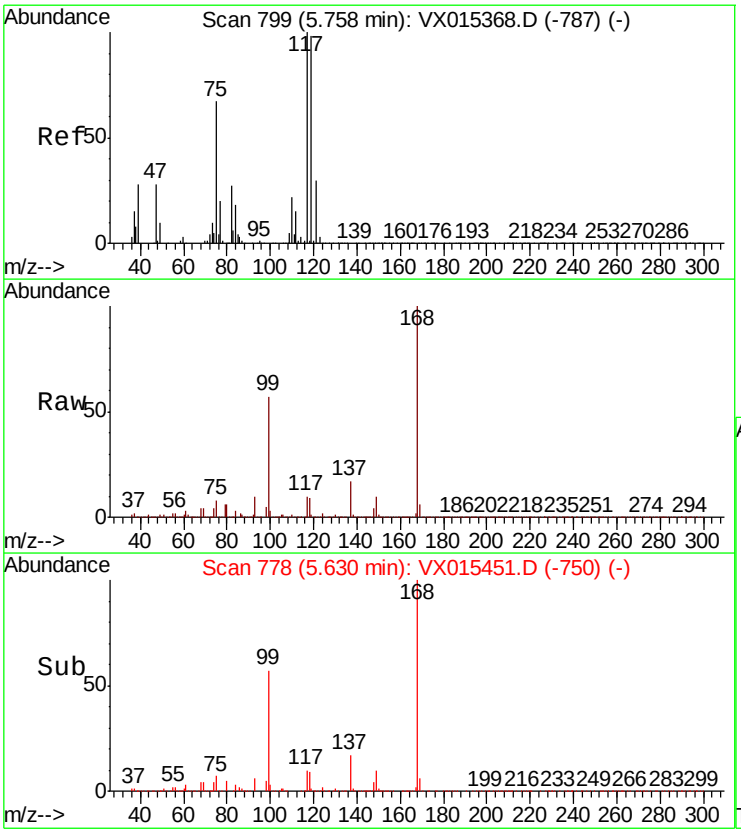

#36
1,1-Dichloropropene
Concen: 4.839 ug/l
RT: 5.63 min Scan# 778
Delta R.T. -0.14 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

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

Tgt Ion: 75 Resp: 81576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 11.8 | 17.1 | 51.3# |
| 77 | 0.8 | 24.6 | 36.8# |

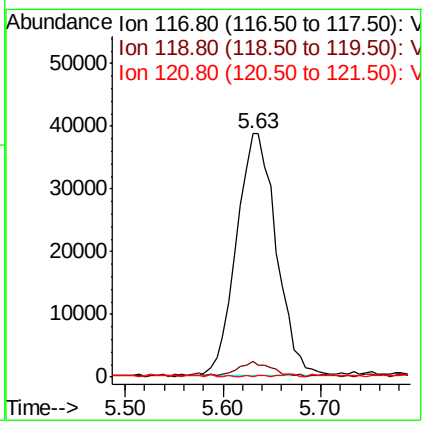


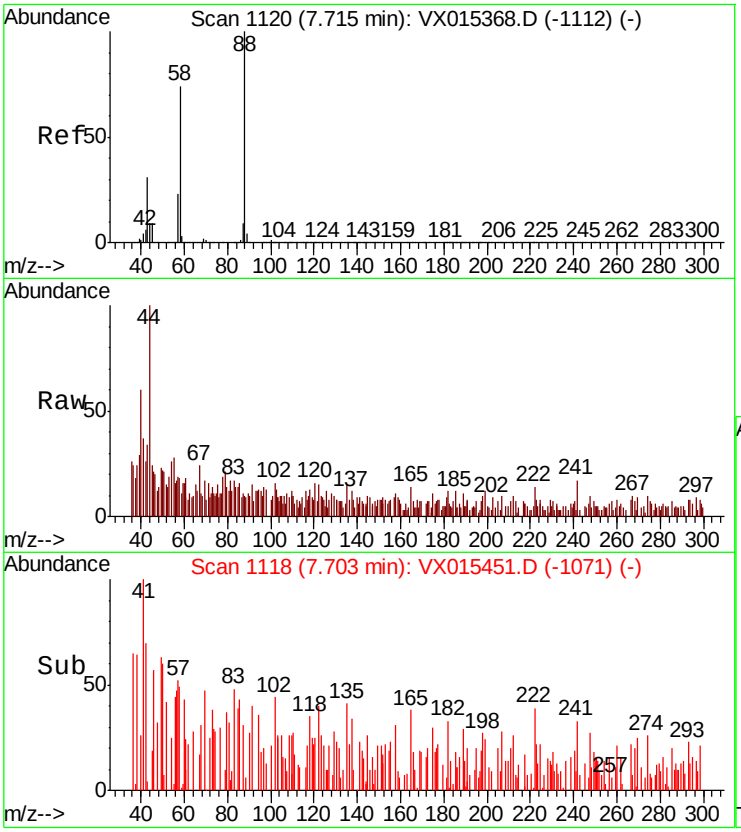




#38
Carbon Tetrachloride
Concen: 5.979 ug/l
RT: 5.63 min Scan# 778
Delta R.T. -0.13 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

Tgt Ion:117 Resp: 109183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.9 | 78.0 | 117.0# |
| 121 | 0.0 | 23.8 | 35.8# |



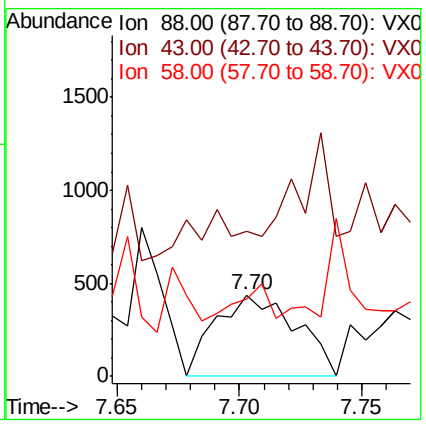


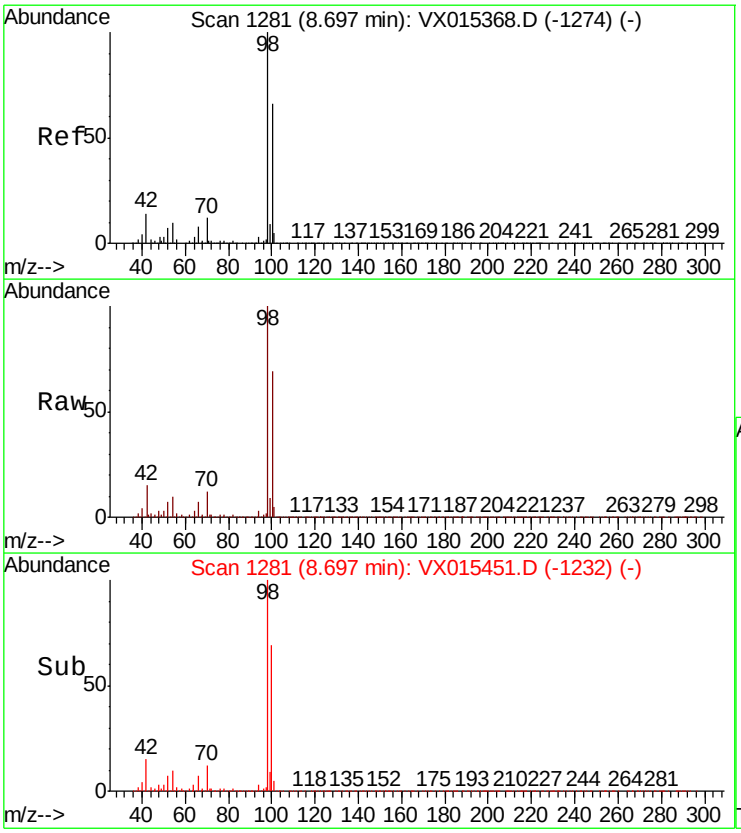

#49
1,4-Dioxane
Concen: 2.925 ug/l
RT: 7.70 min Scan# 1118
Delta R.T. -0.01 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

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

Tgt Ion: 88 Resp: 1010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 33.3 | 30.1 | 45.1 |
| 58 | 32.6 | 60.6 | 90.8# |

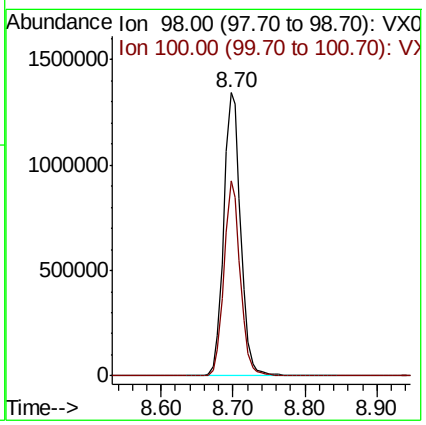


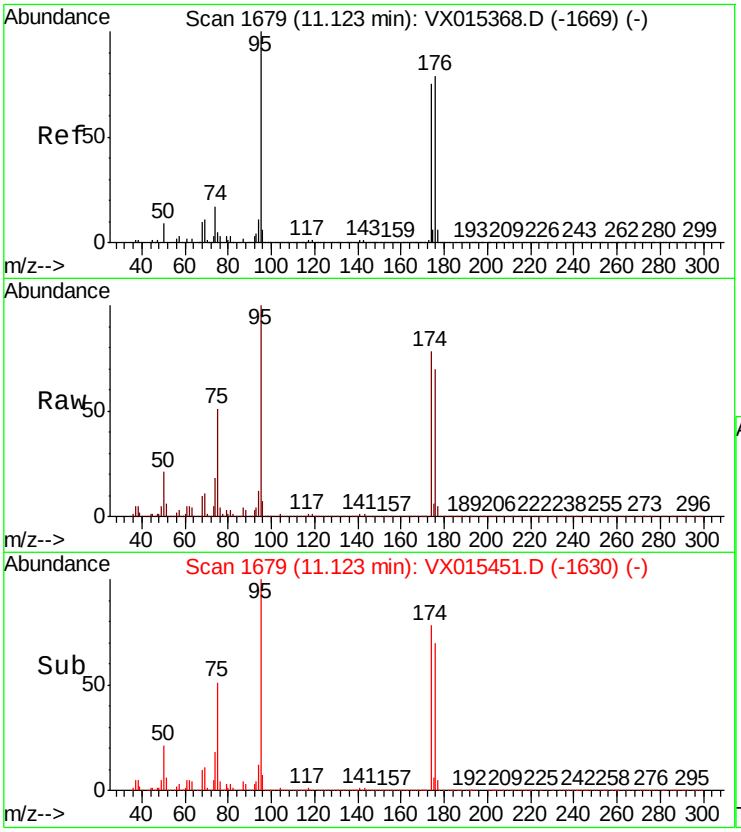




#50
Toluene-d8
Concen: 51.325 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

Tgt Ion: 98 Resp: 2210144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.4 | 53.5 | 80.3 |



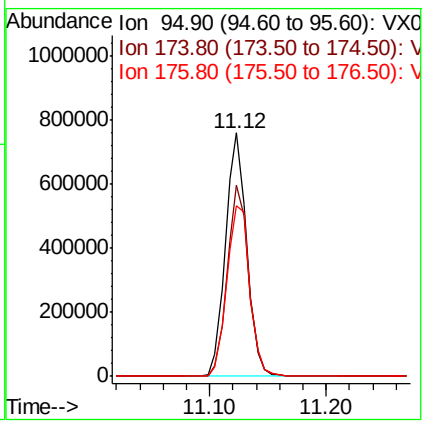


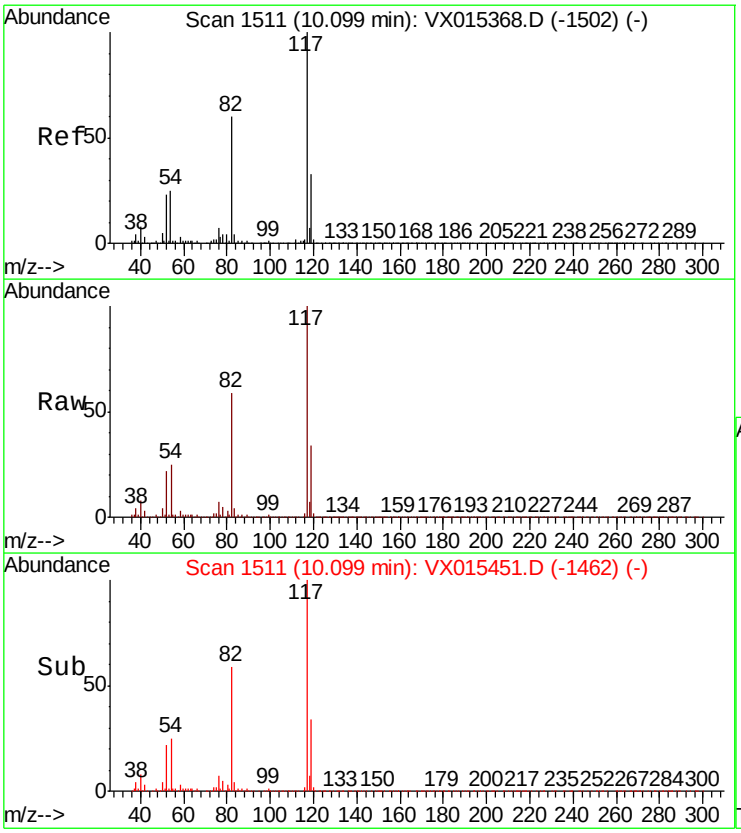

#62
4-Bromofluorobenzene
Concen: 54.647 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

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

Tgt Ion: 95 Resp: 956349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 79.3 | 0.0 | 158.6 |
| 176 | 76.2 | 0.0 | 159.0 |

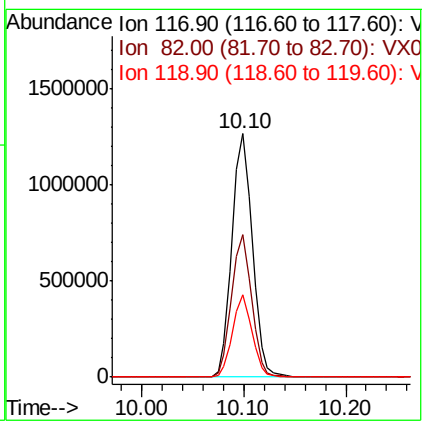


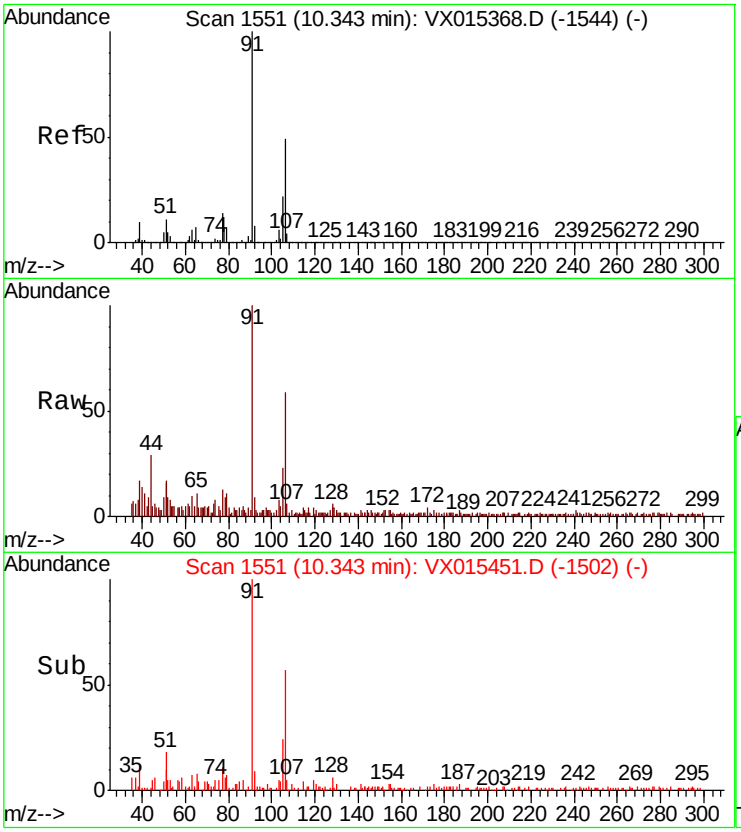




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

Tgt Ion:117 Resp: 1749541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 58.6 | 47.8 | 71.8 |
| 119 | 34.0 | 26.8 | 40.2 |



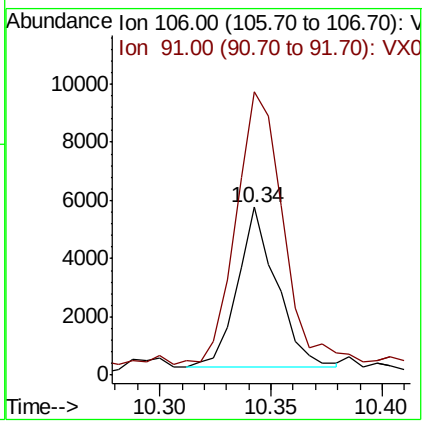


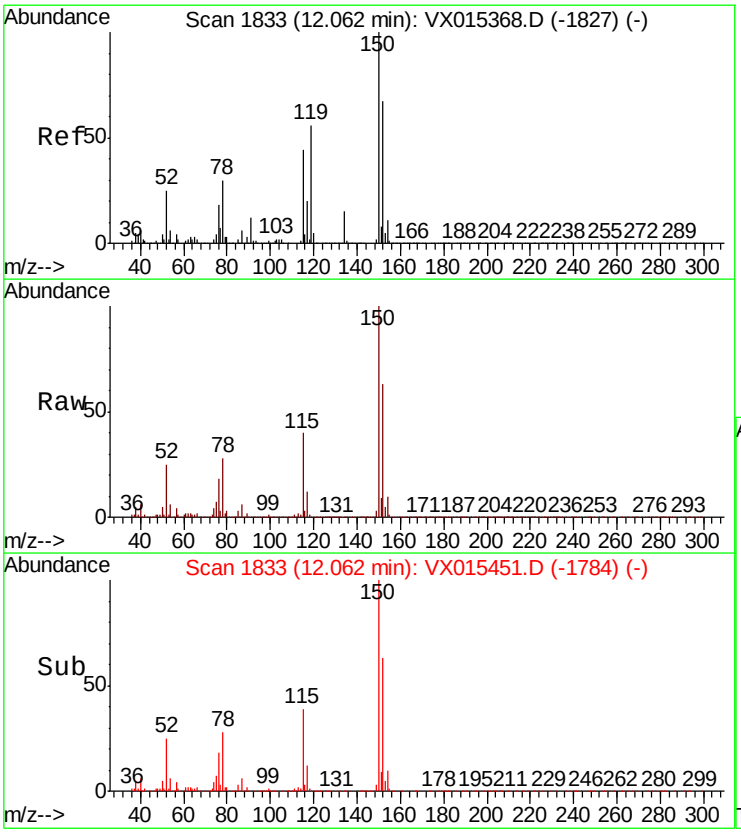

#68
m/p-Xylenes
Concen: 0.293 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

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

Tgt Ion:106 Resp: 6761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 214.4 | 163.4 | 245.0 |

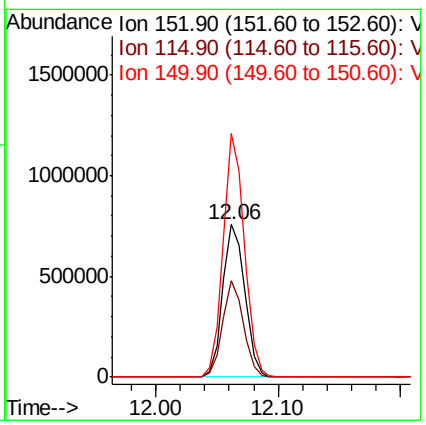


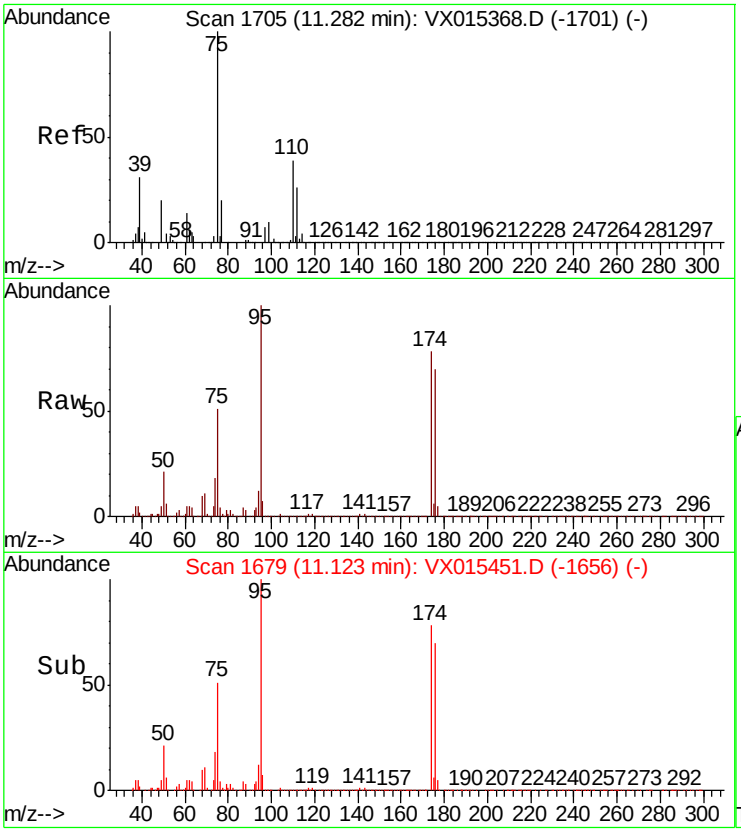




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

Tgt Ion:152 Resp: 942715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.8 | 39.0 | 116.9 |
| 150 | 153.0 | 0.0 | 340.8 |



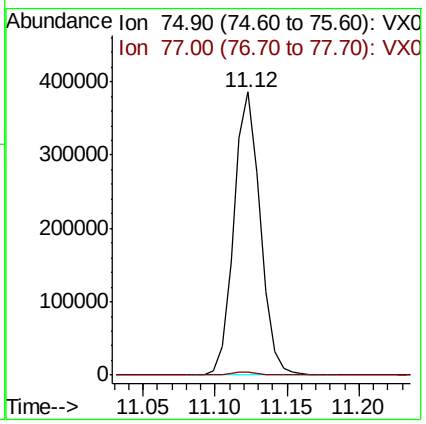


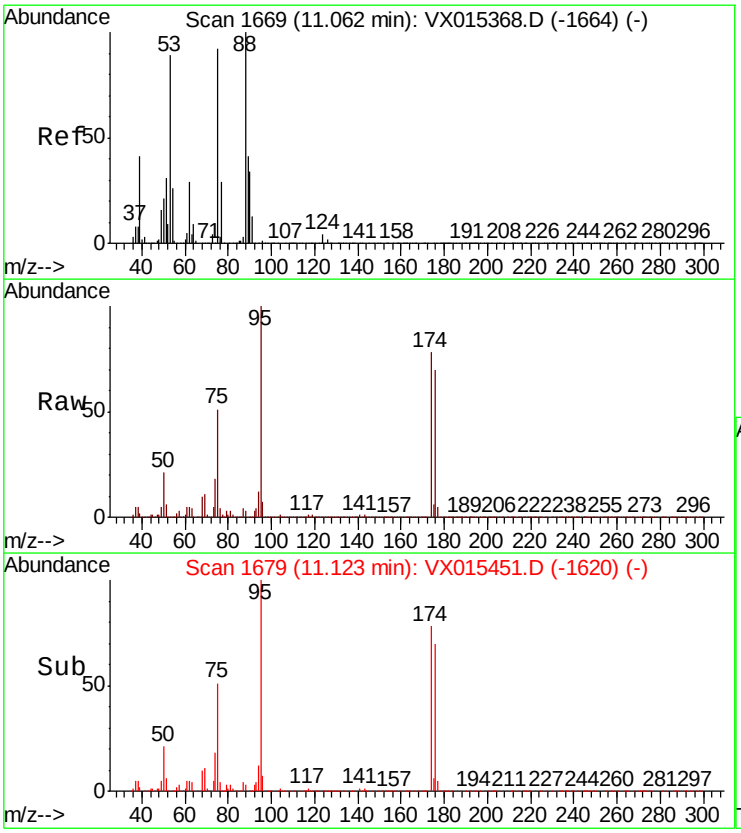

#76
1,2,3-Trichloropropane
Concen: 25.392 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.16 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

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

Tgt Ion: 75 Resp: 492259

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

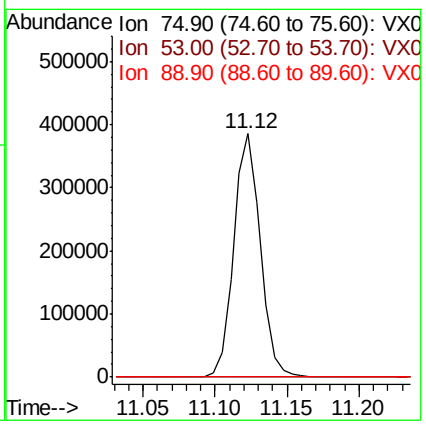


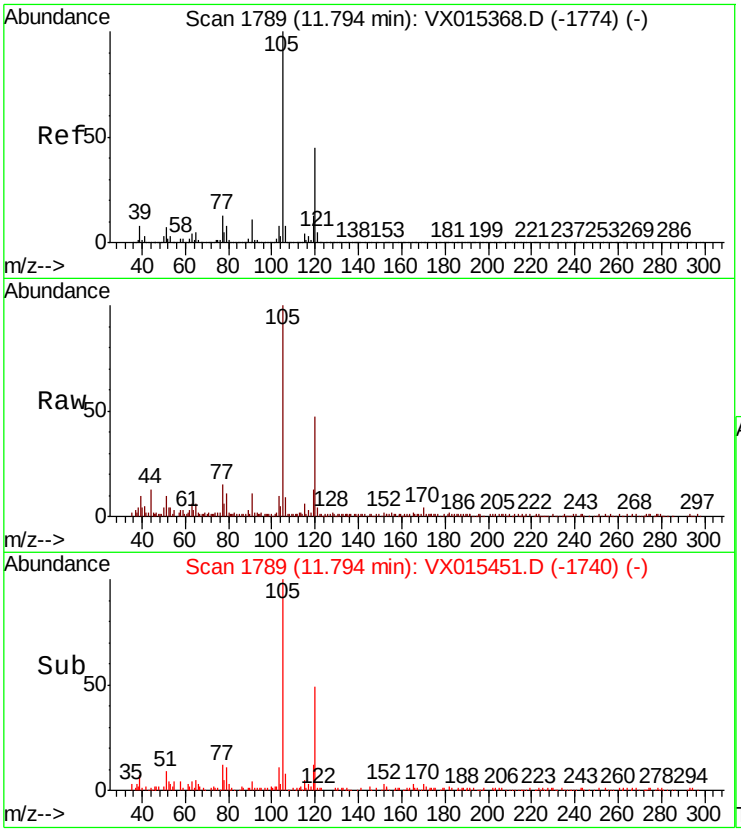




#81
trans-1,4-Dichloro-2-butene
Concen: 60.928 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.06 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

Tgt Ion: 75 Resp: 492259

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



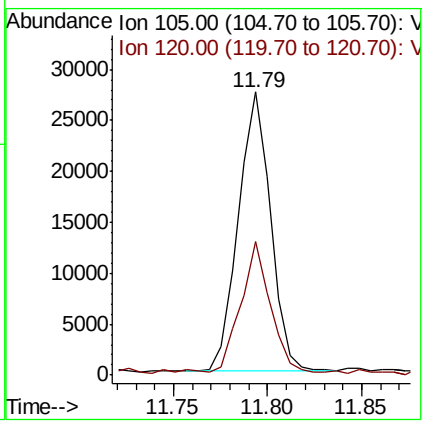


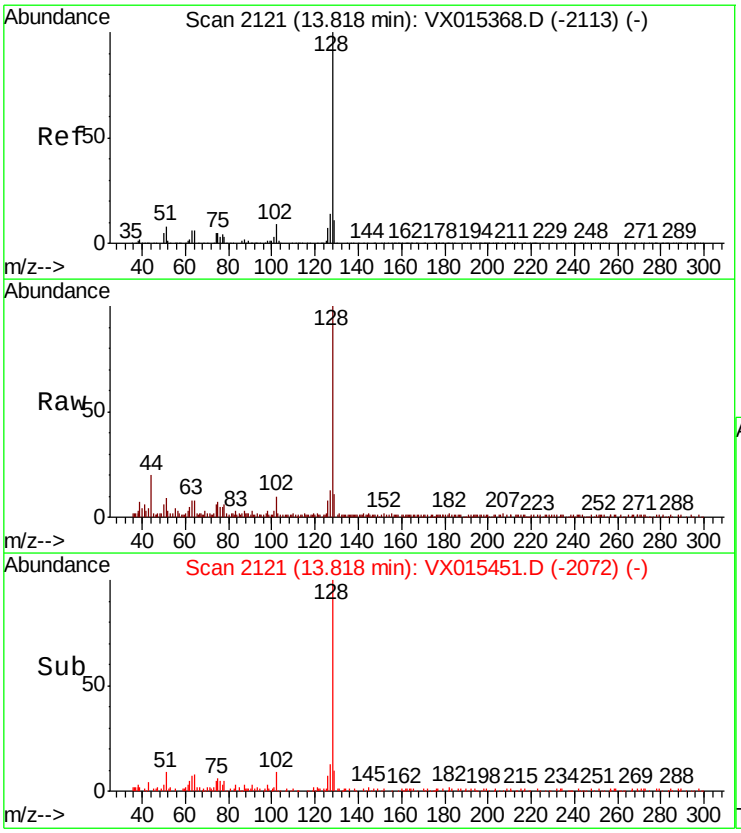

#84
1,2,4-Trimethylbenzene
Concen: 0.606 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

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

Tgt Ion:105 Resp: 32598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.9 | 22.7 | 68.1 |




#95
Naphthalene
Concen: 0.418 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

Tgt Ion:128 Resp: 29108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 14.3 | 10.6 | 15.8 |
| 129 | 13.6 | 8.8 | 13.2# |