Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052120\
Data File : VX016394.D
Acq On : 21 May 2020 19:12
Operator : JC/SP
Sample : L2732-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: May 22 09:23:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.64 | 168 | 227473 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.84 | 114 | 380420 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.10 | 117 | 375673 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 191113 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.04 | 65 | 131401 | 43.90 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 87.80% | | | |
| 35) Dibromofluoromethane | 5.47 | 113 | 109574 | 45.46 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.92% | | | |
| 50) Toluene-d8 | 8.70 | 98 | 466736 | 50.26 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.52% | | | |
| 62) 4-Bromofluorobenzene | 11.12 | 95 | 187174 | 52.99 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 105.98% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.31 | 50 | 1432 | 0.512 | ug/l | 94 |
| 5) Bromomethane | 1.65 | 94 | 358 | 0.238 | ug/l # | 7 |
| 11) Tert butyl alcohol | 3.01 | 59 | 392 | 0.518 | ug/l # | 72 |
| 13) Acrolein | 2.26 | 56 | 279 | 0.589 | ug/l | 87 |
| 16) Acetone | 2.42 | 43 | 11740 | 8.790 | ug/l # | 88 |
| 17) Carbon Disulfide | 2.55 | 76 | 560 | Below Cal | # | 74 |
| 25) 2-Butanone | 4.65 | 43 | 1267 | 0.589 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 4.57 | 96 | 9404 | 3.264 | ug/l | 78 |
| 31) Cyclohexane | 5.62 | 56 | 4018 | 0.966 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 5.63 | 75 | 16048 | 4.286 | ug/l # | 50 |
| 38) Carbon Tetrachloride | 5.64 | 117 | 21486 | 5.645 | ug/l # | 14 |
| 75) 1,1,2,2-Tetrachloroethane | 11.13 | 83 | 123 | 2.096 | ug/l # | 1 |
| 76) 1,2,3-Trichloropropane | 11.12 | 75 | 88557 | 20.420 | ug/l # | 35 |
| 81) trans-1,4-Dichloro-2-buten | 11.12 | 75 | 88557 | 48.662 | ug/l # | 13 |

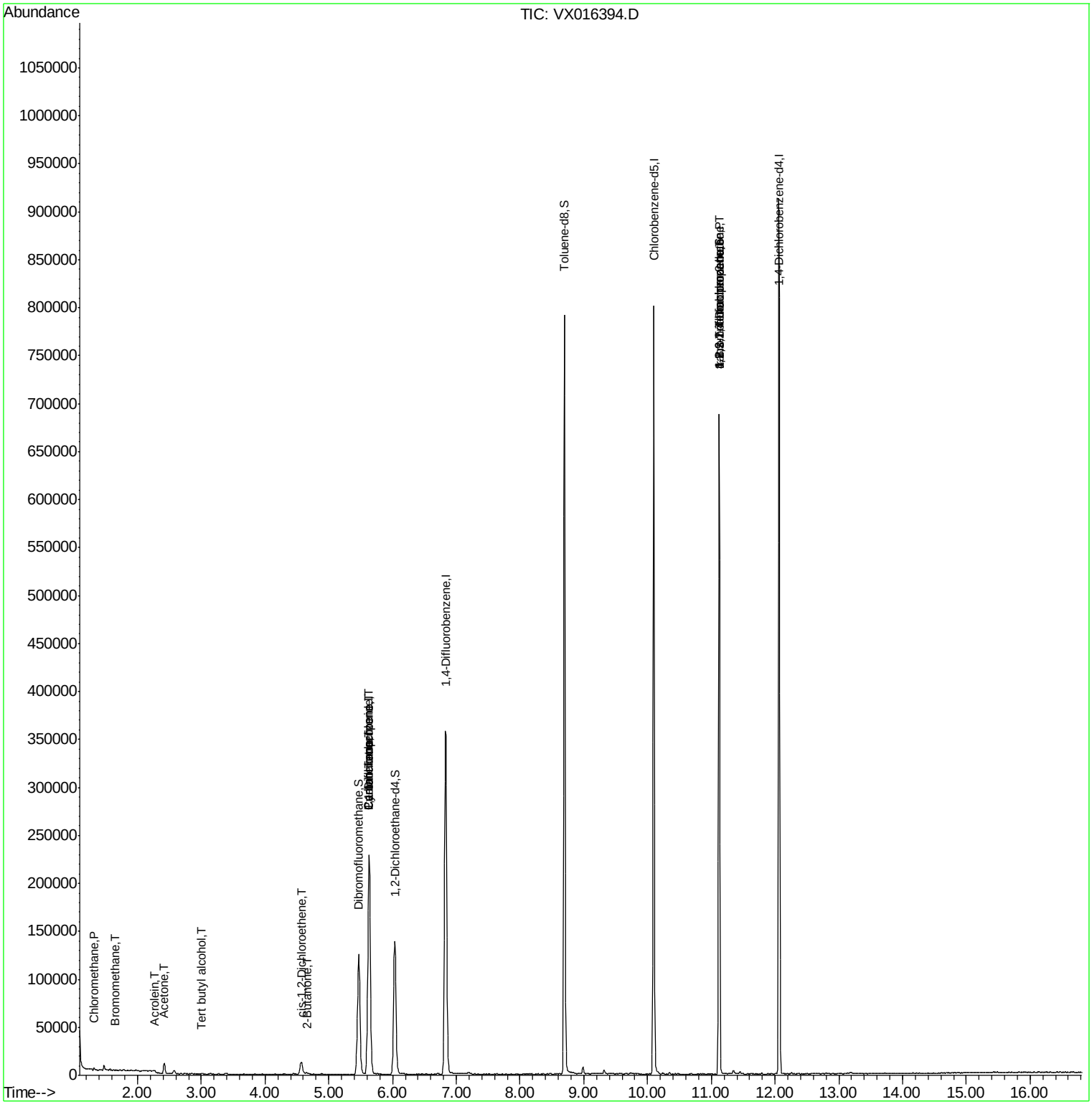
(#) = qualifier out of range (m) = manual integration (+) = signals summed

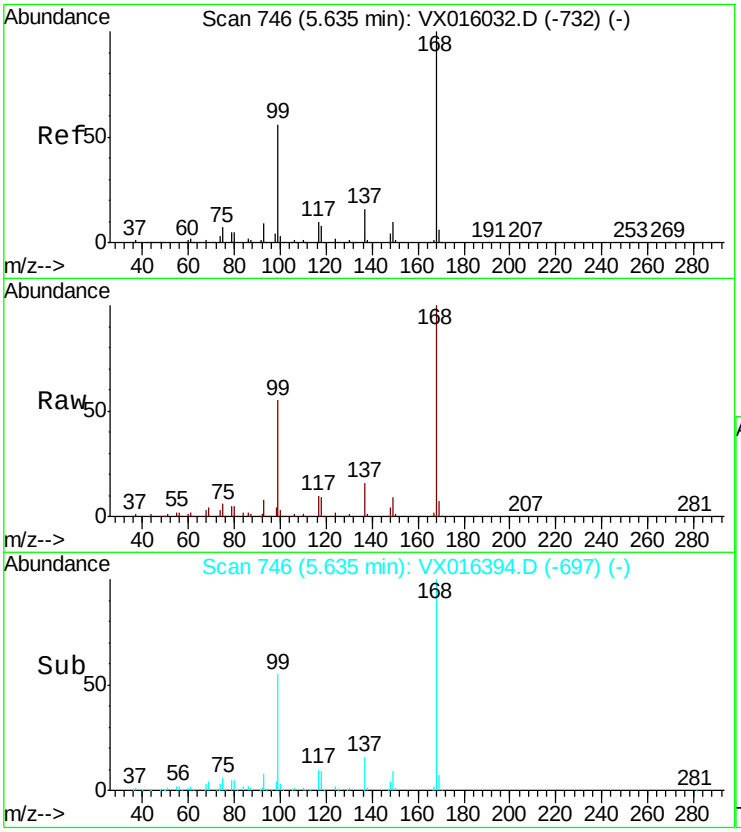
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052120\
Data File : VX016394.D
Acq On : 21 May 2020 19:12
Operator : JC/SP
Sample : L2732-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: May 22 09:23:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration



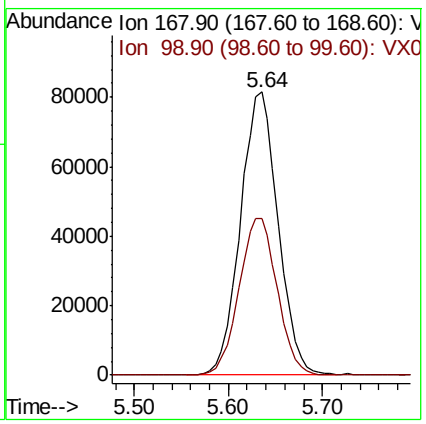


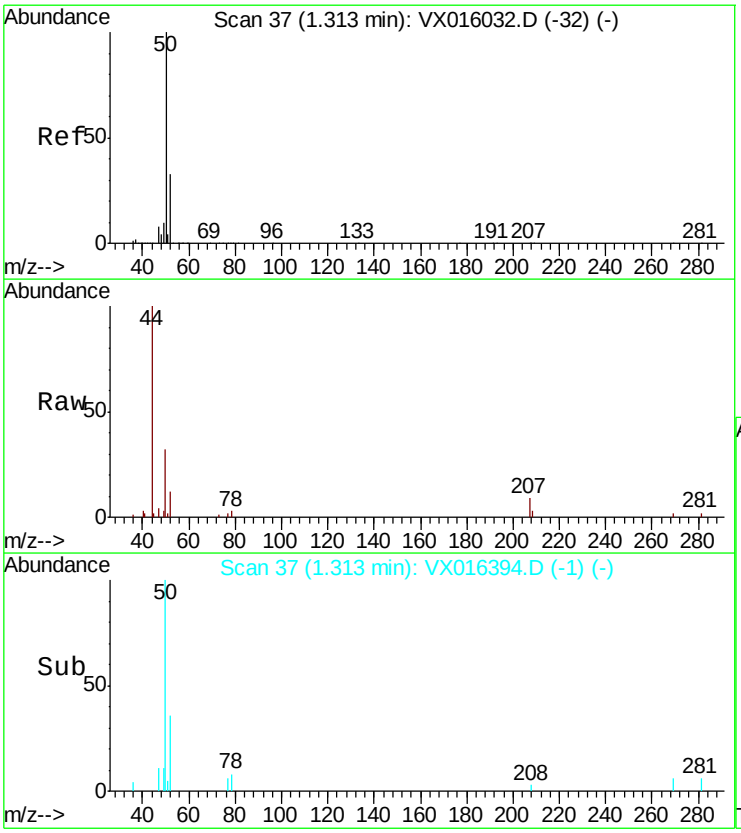

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.00 min
Lab File: VX016394.D
Acq: 21 May 2020 19:12

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

Tgt Ion:168 Resp: 227473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.3 | 45.0 | 67.4 |

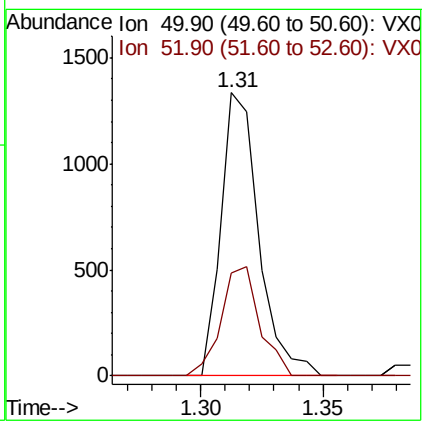


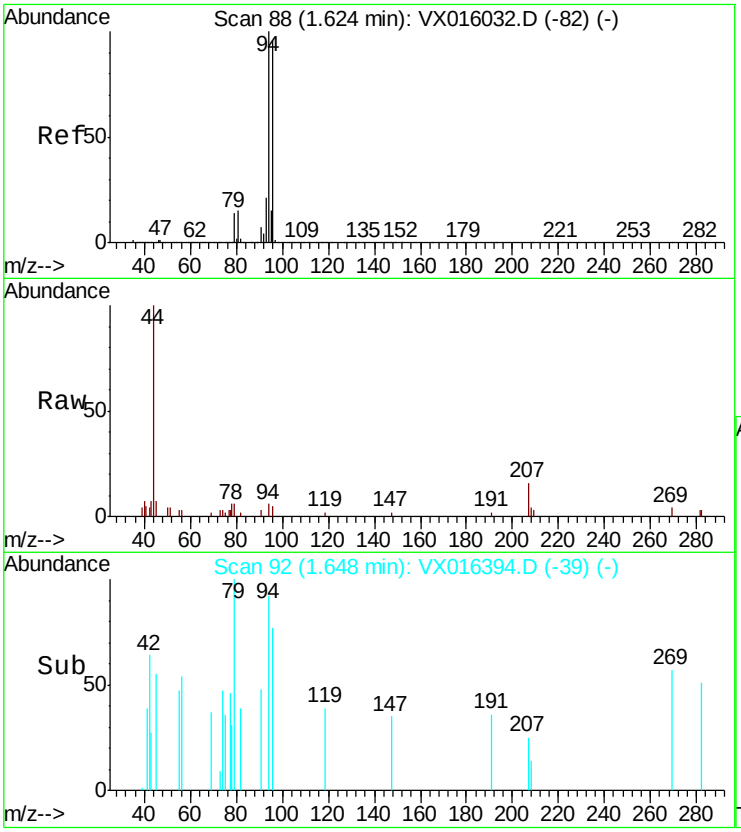




#3
Chloromethane
Concen: 0.512 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX016394.D
Acq: 21 May 2020 19:12

Tgt Ion: 50 Resp: 1432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 36.2 | 26.1 | 39.1 |



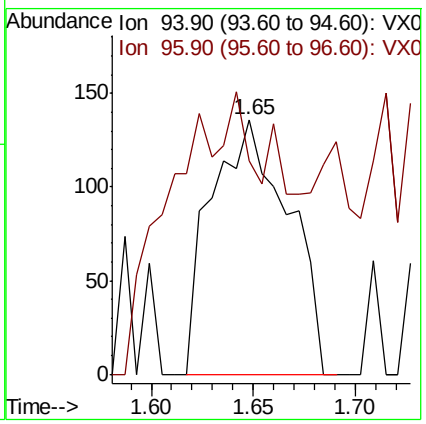


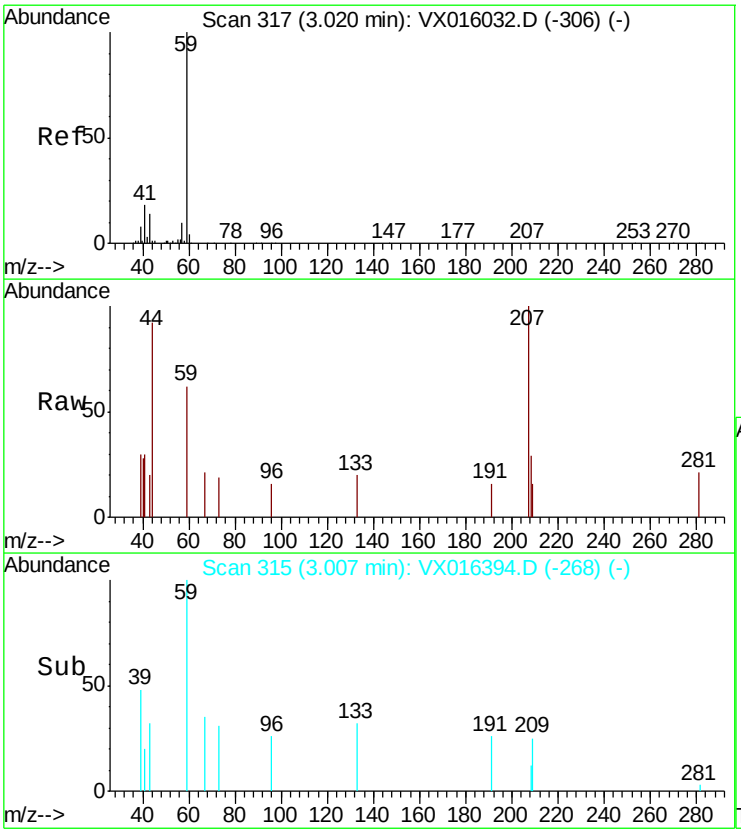

#5
Bromomethane
Concen: 0.238 ug/l
RT: 1.65 min Scan# 92
Delta R.T. 0.02 min
Lab File: VX016394.D
Acq: 21 May 2020 19:12

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

Tgt Ion: 94 Resp: 358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 5.1 | 76.9 | 115.3# |

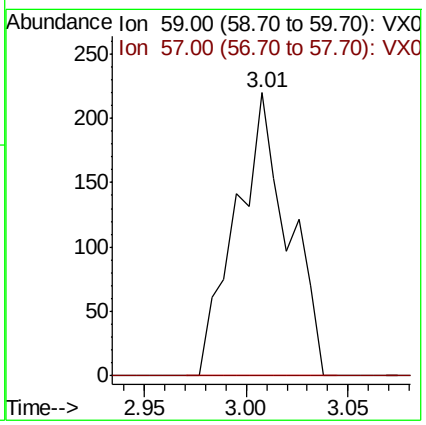


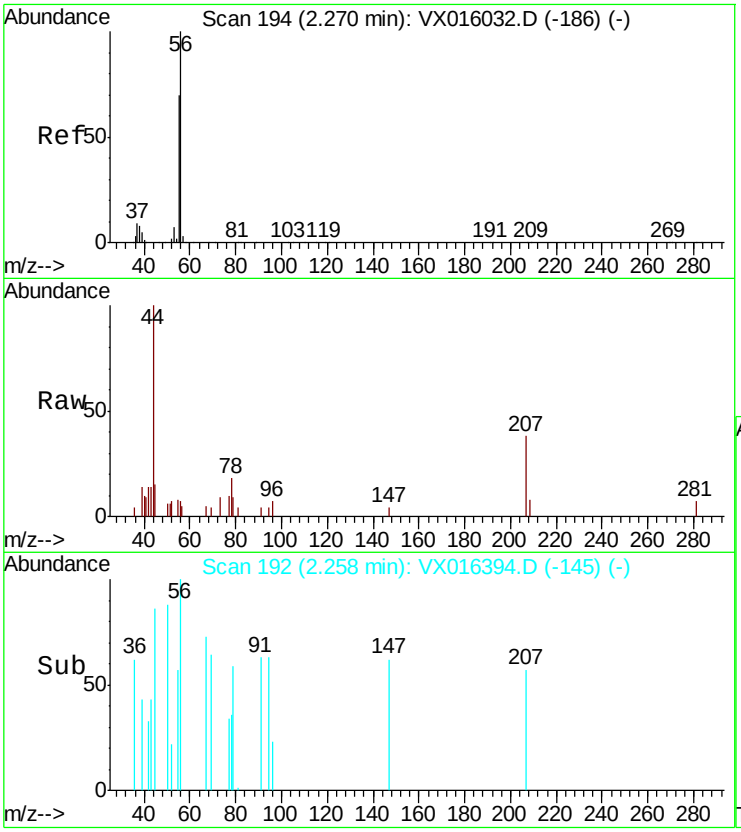




#11
Tert butyl alcohol
Concen: 0.518 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016394.D
Acq: 21 May 2020 19:12

Tgt Ion: 59 Resp: 392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.2 | 12.4# |



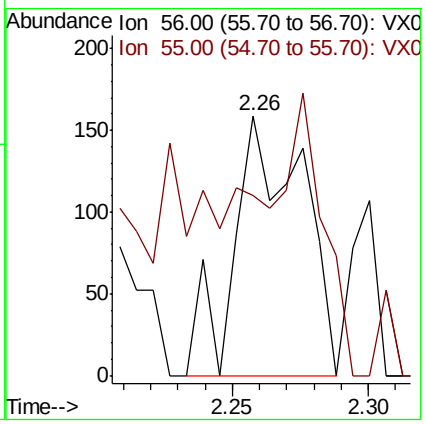


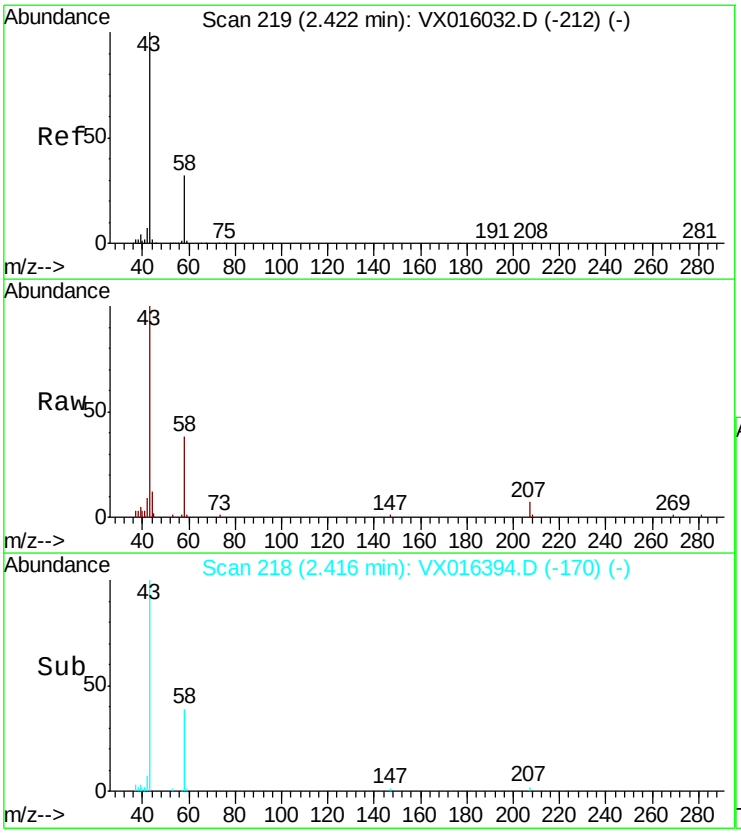

#13
Acrolein
Concen: 0.589 ug/l
RT: 2.26 min Scan# 192
Delta R.T. -0.01 min
Lab File: VX016394.D
Acq: 21 May 2020 19:12

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

Tgt Ion: 56 Resp: 279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 59.9 | 56.5 | 84.7 |

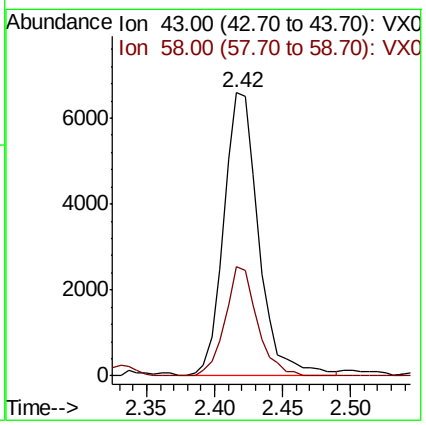


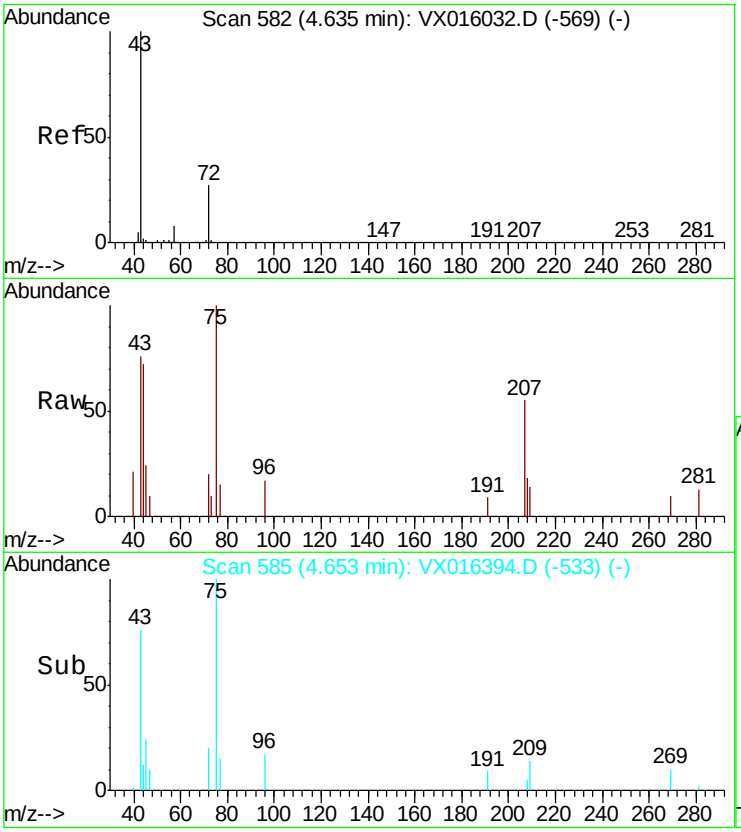




#16
Acetone
Concen: 8.790 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX016394.D
Acq: 21 May 2020 19:12

Tgt Ion: 43 Resp: 11740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.5 | 25.4 | 38.0# |



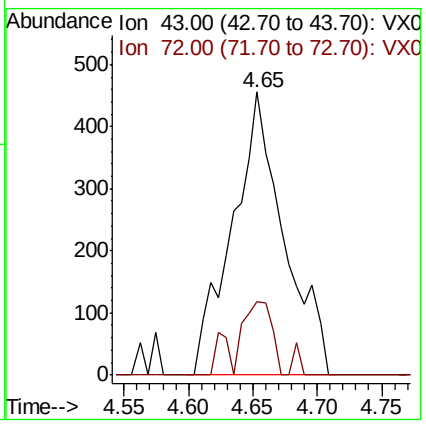


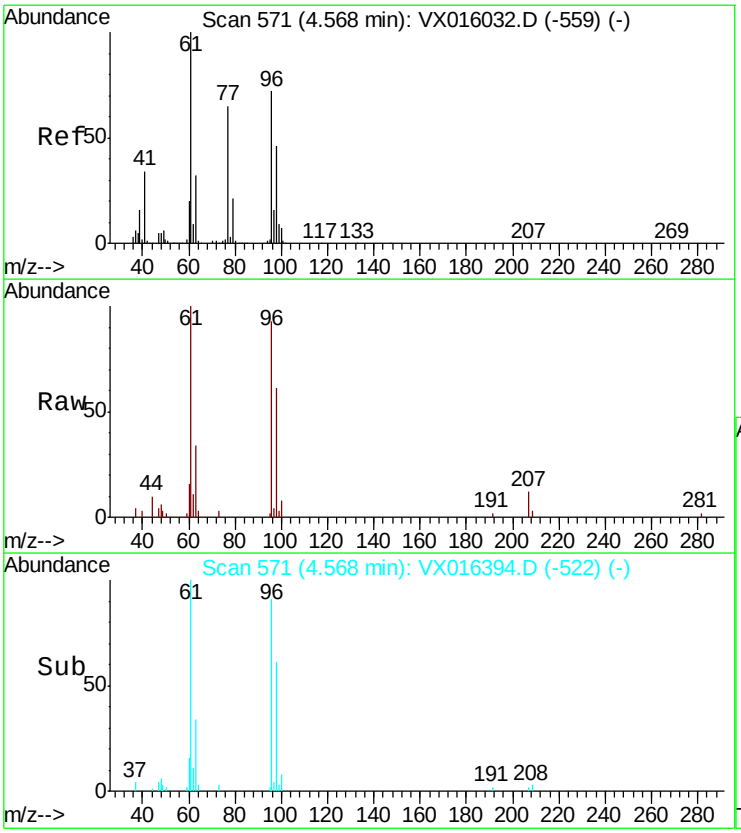

#25
2-Butanone
Concen: 0.589 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.02 min
Lab File: VX016394.D
Acq: 21 May 2020 19:12

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

Tgt Ion: 43 Resp: 1267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.1 | 21.8 | 32.8 |

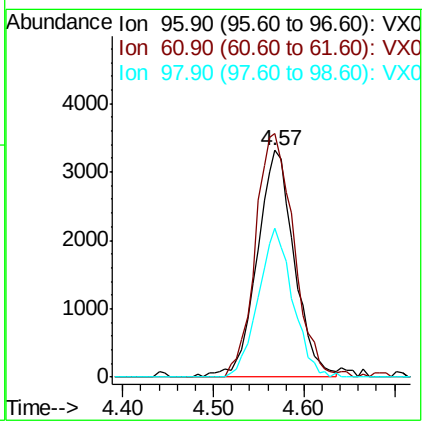


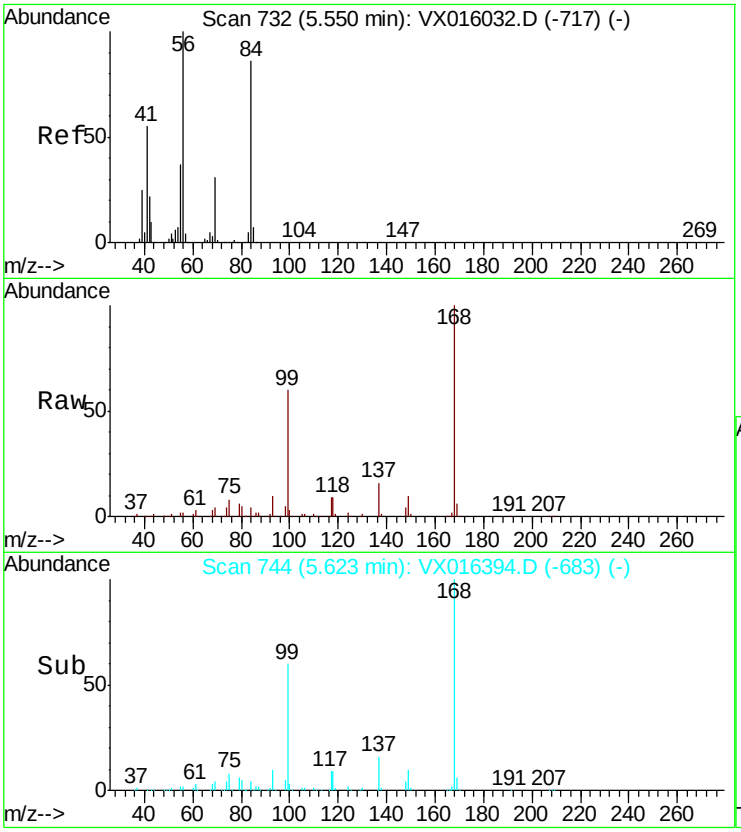




#27
cis-1,2-Dichloroethene
Concen: 3.264 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016394.D
Acq: 21 May 2020 19:12

Tgt Ion: 96 Resp: 9404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 111.0 | 0.0 | 296.2 |
| 98 | 61.0 | 0.0 | 129.4 |



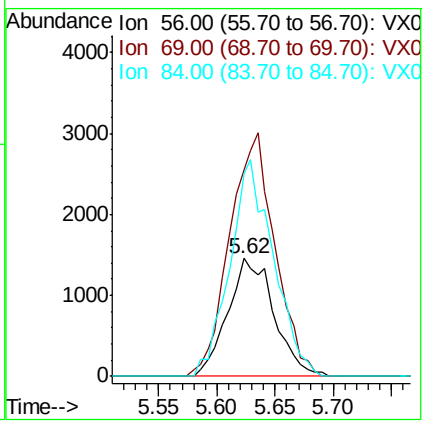


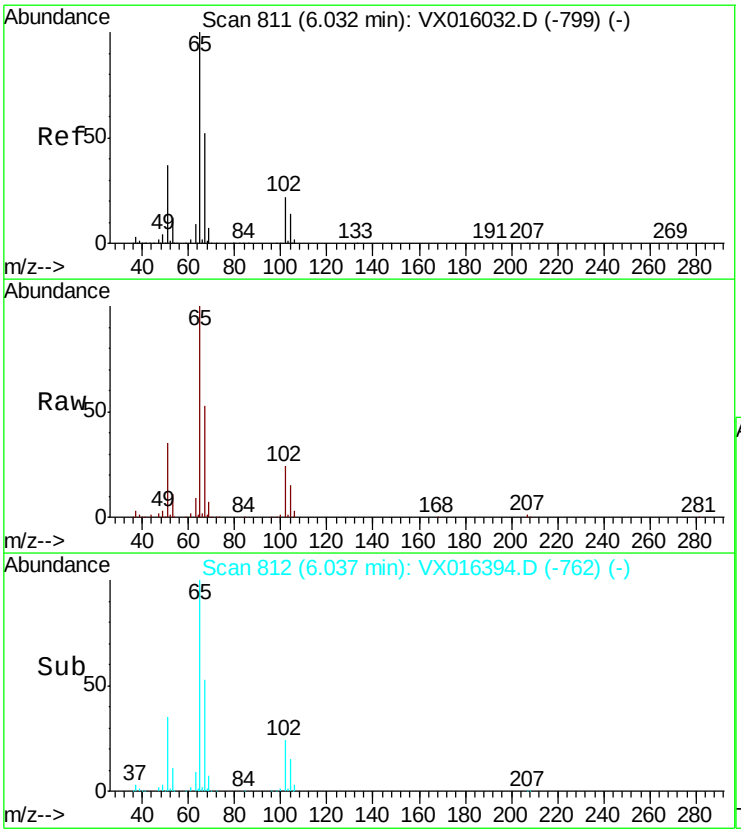

#31
Cyclohexane
Concen: 0.966 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.07 min
Lab File: VX016394.D
Acq: 21 May 2020 19:12

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

Tgt Ion: 56 Resp: 4018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 175.7 | 25.0 | 37.6# |
| 84 | 171.9 | 69.0 | 103.6# |

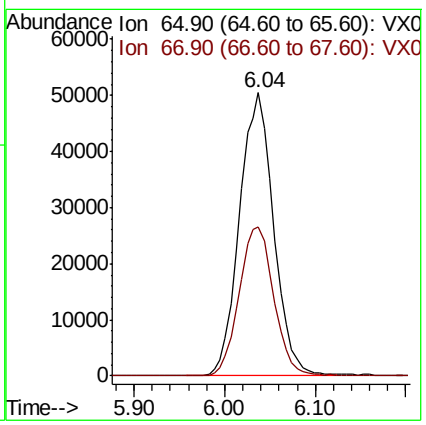


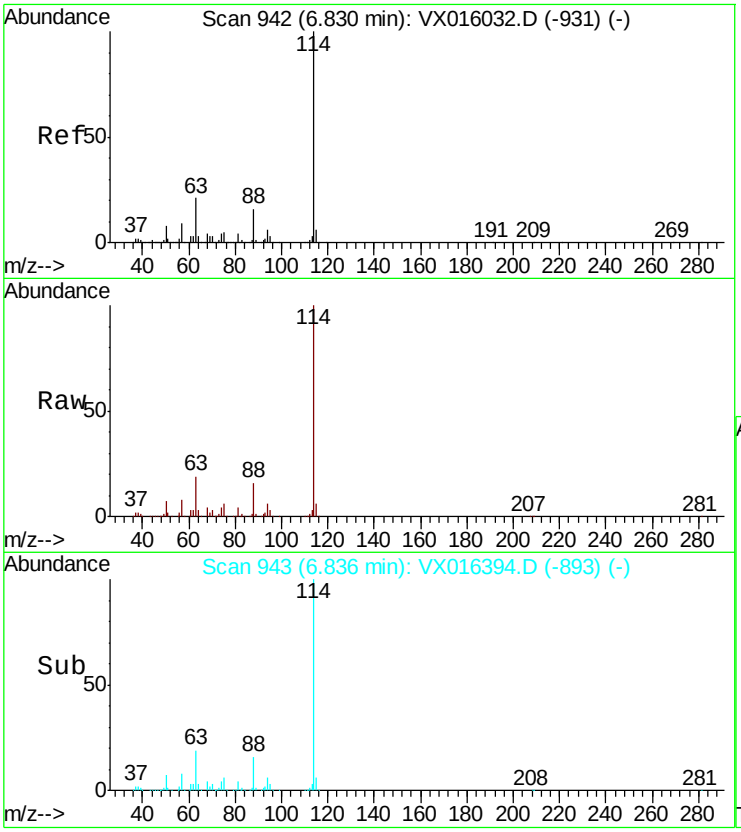




#33
1,2-Dichloroethane-d4
Concen: 43.898 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016394.D
Acq: 21 May 2020 19:12

Tgt Ion: 65 Resp: 131401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.7 | 0.0 | 104.8 |



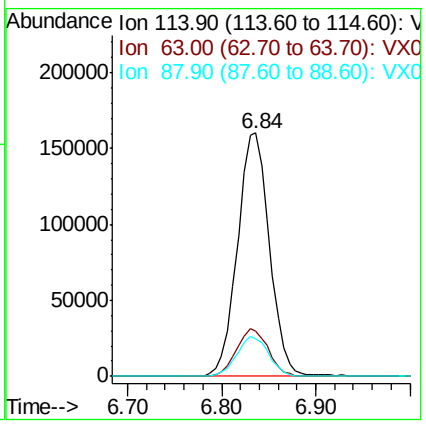


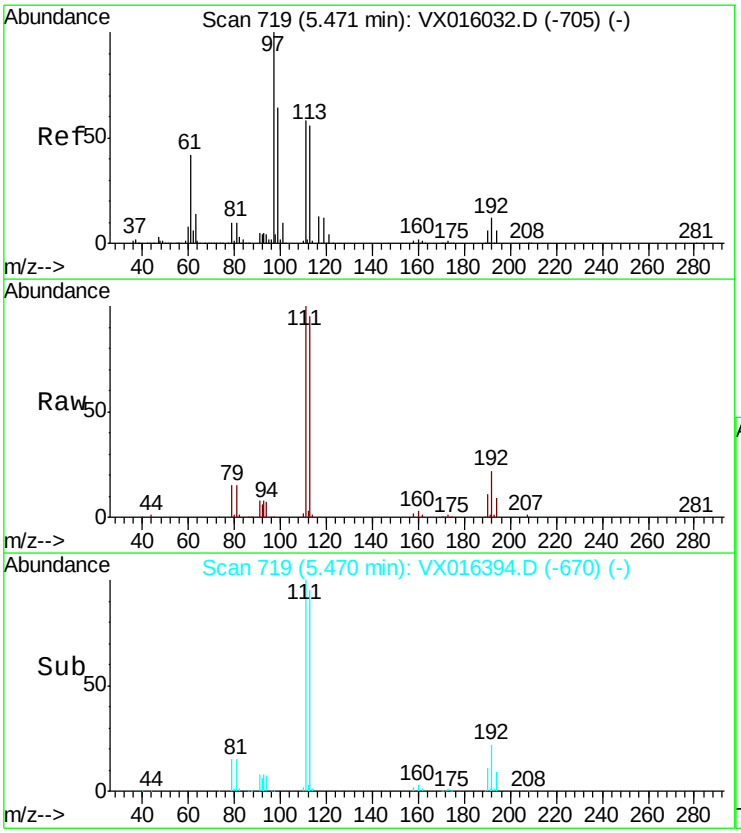

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX016394.D
Acq: 21 May 2020 19:12

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

Tgt Ion:114 Resp: 380420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.6 | 0.0 | 42.8 |
| 88 | 15.5 | 0.0 | 31.4 |

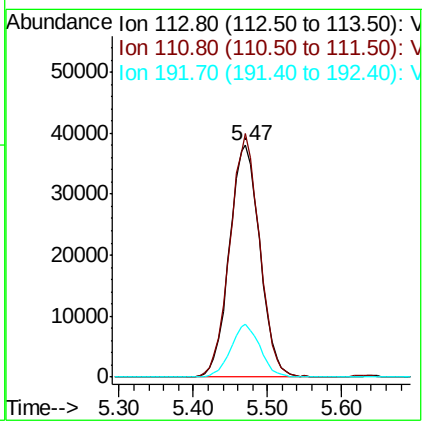


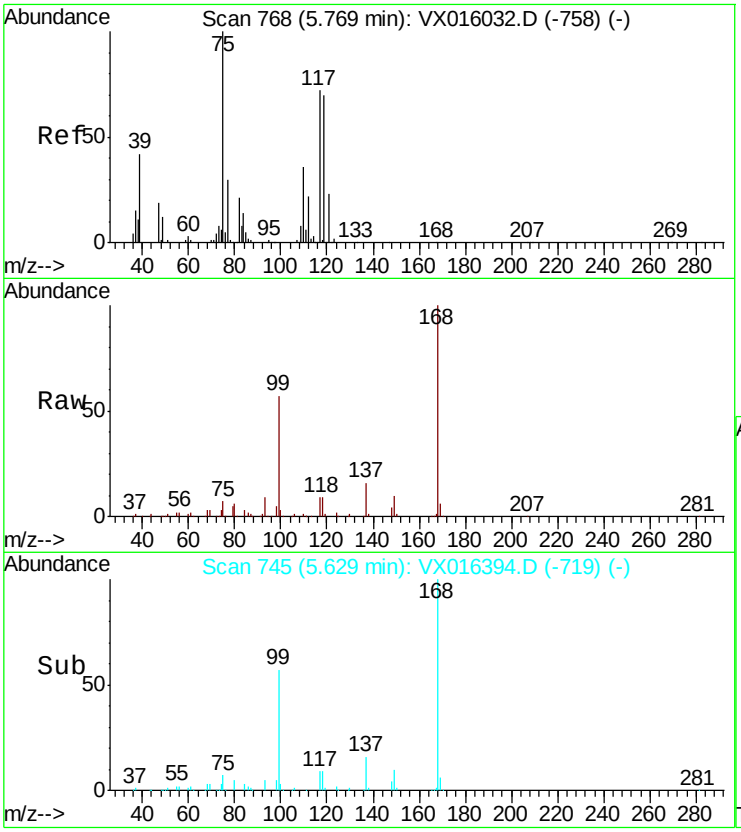




#35
Dibromofluoromethane
Concen: 45.464 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016394.D
Acq: 21 May 2020 19:12

Tgt Ion:113 Resp: 109574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.6 | 81.6 | 122.4 |
| 192 | 21.7 | 17.0 | 25.4 |



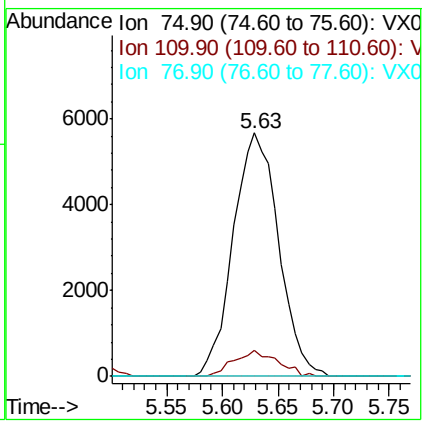


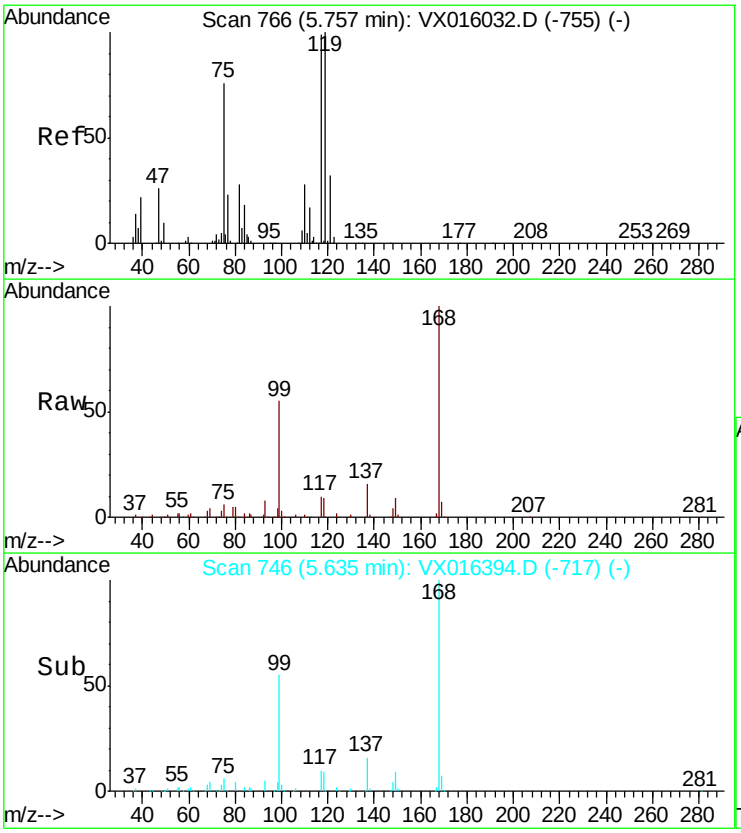

#36
1,1-Dichloropropene
Concen: 4.286 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX016394.D
Acq: 21 May 2020 19:12

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

Tgt Ion: 75 Resp: 16048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 10.2 | 18.1 | 54.1# |
| 77 | 0.0 | 25.0 | 37.6# |

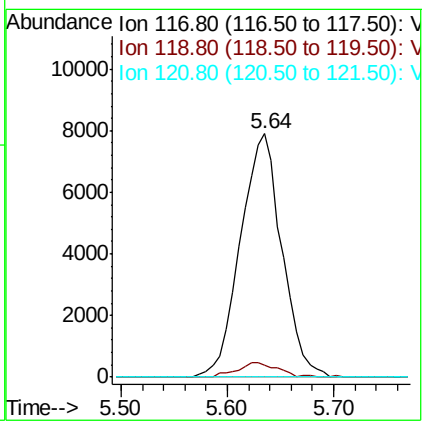


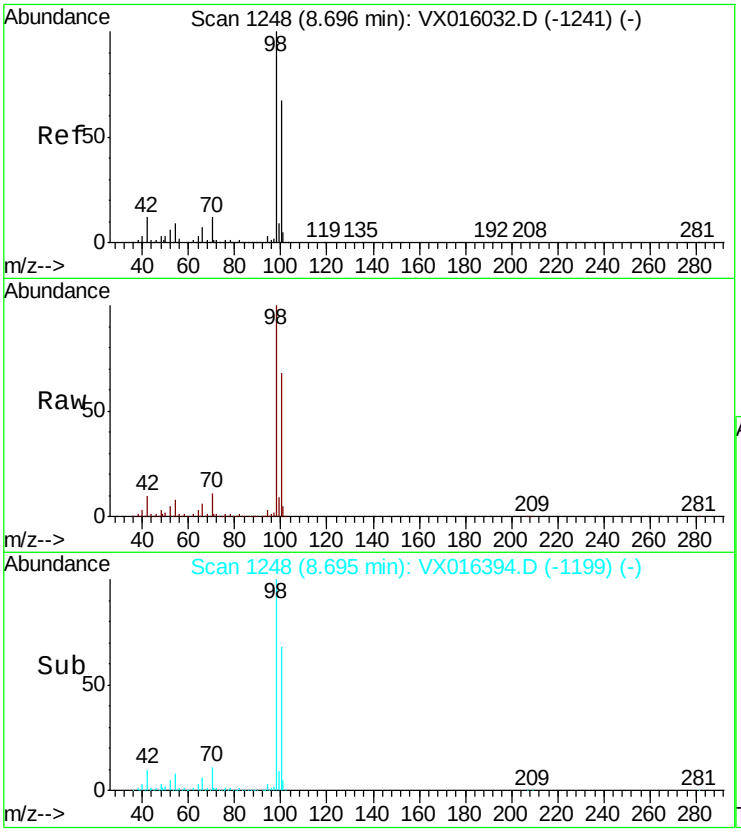




#38
Carbon Tetrachloride
Concen: 5.645 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX016394.D
Acq: 21 May 2020 19:12

Tgt Ion:117 Resp: 21486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.1 | 80.3 | 120.5# |
| 121 | 0.0 | 25.7 | 38.5# |



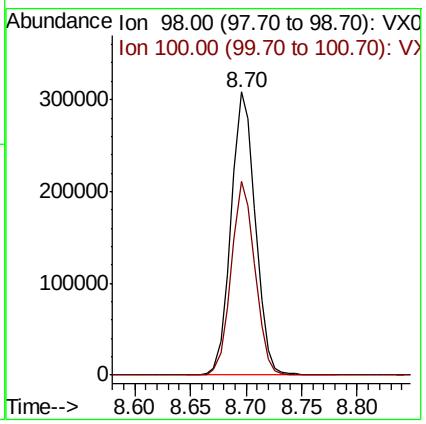


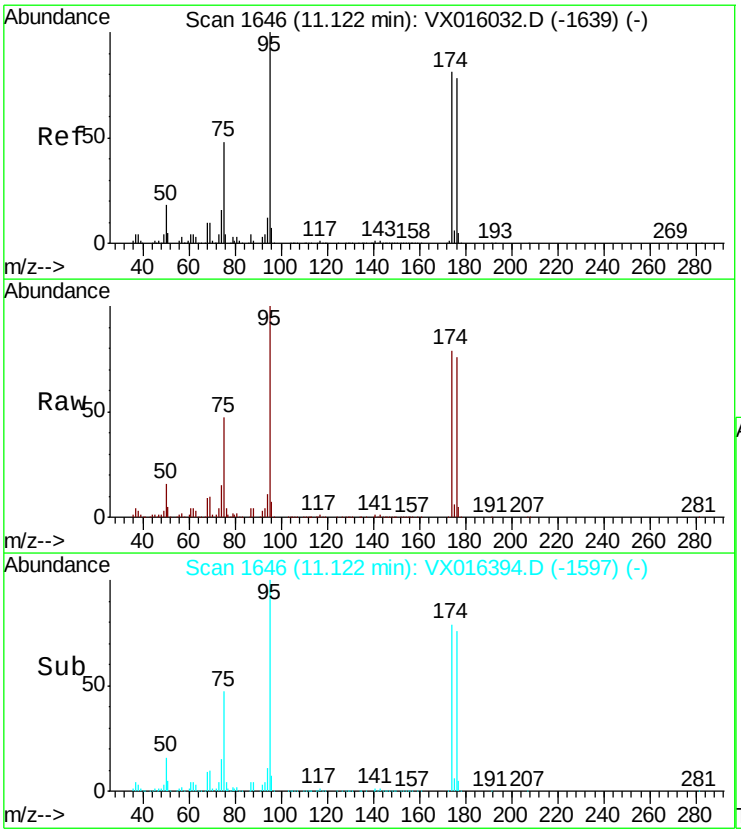

#50
Toluene-d8
Concen: 50.260 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016394.D
Acq: 21 May 2020 19:12

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

Tgt Ion: 98 Resp: 466736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.0 | 53.7 | 80.5 |

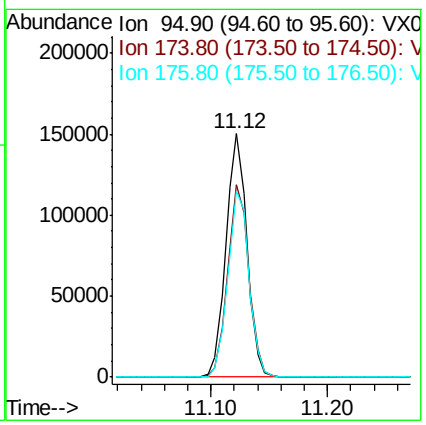


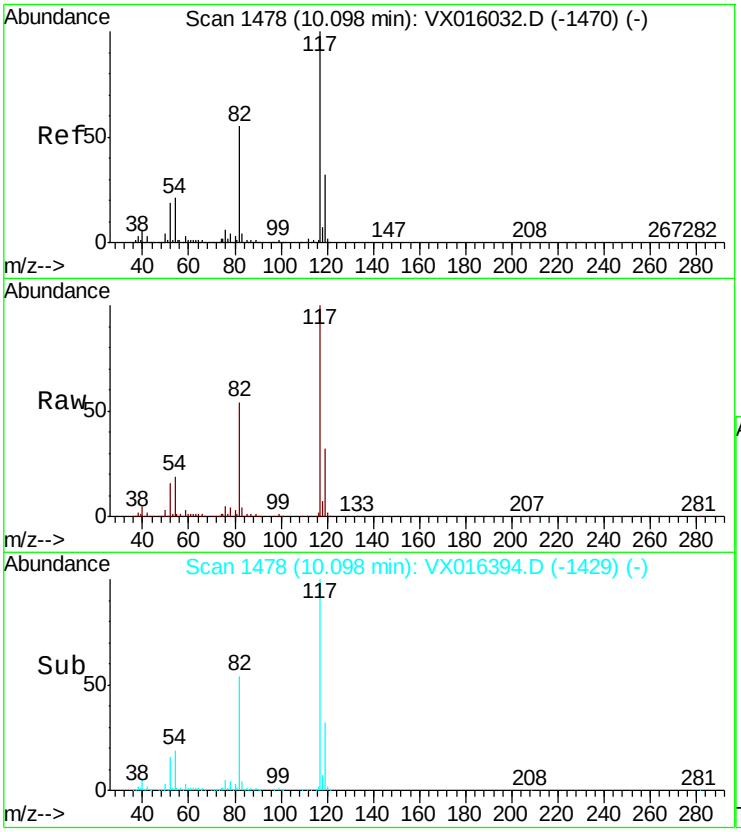




#62
4-Bromofluorobenzene
Concen: 52.992 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016394.D
Acq: 21 May 2020 19:12

Tgt Ion: 95 Resp: 187174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 80.2 | 0.0 | 159.4 |
| 176 | 77.9 | 0.0 | 157.6 |



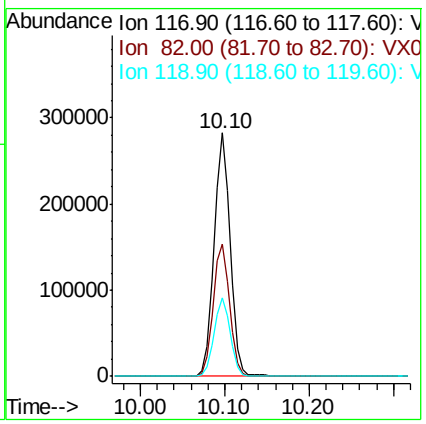


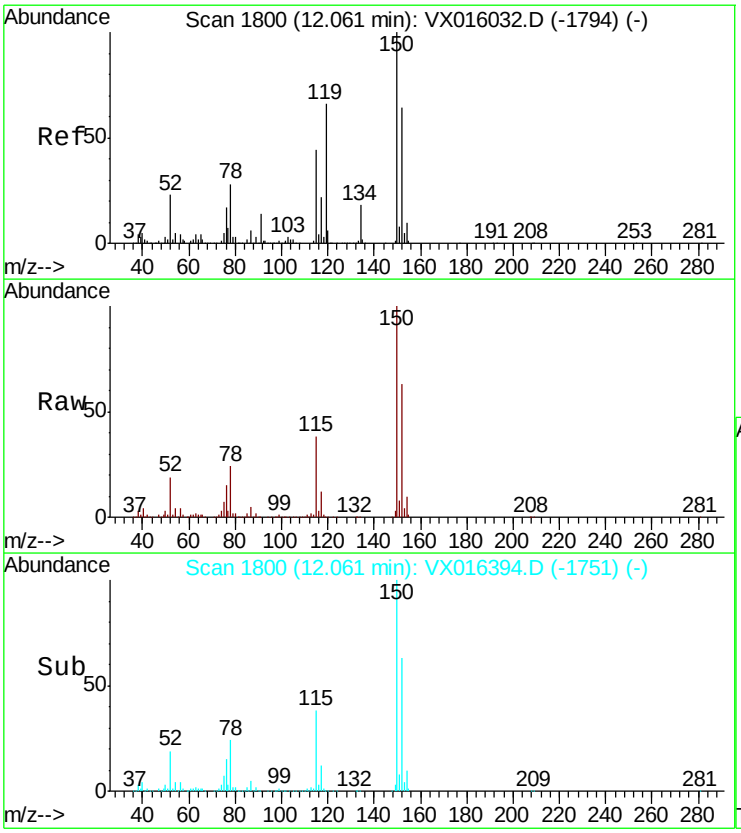

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016394.D
Acq: 21 May 2020 19:12

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

Tgt Ion:117 Resp: 375673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.3 | 44.4 | 66.6 |
| 119 | 32.0 | 25.5 | 38.3 |

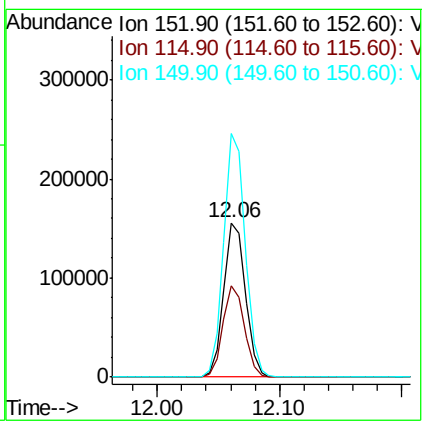


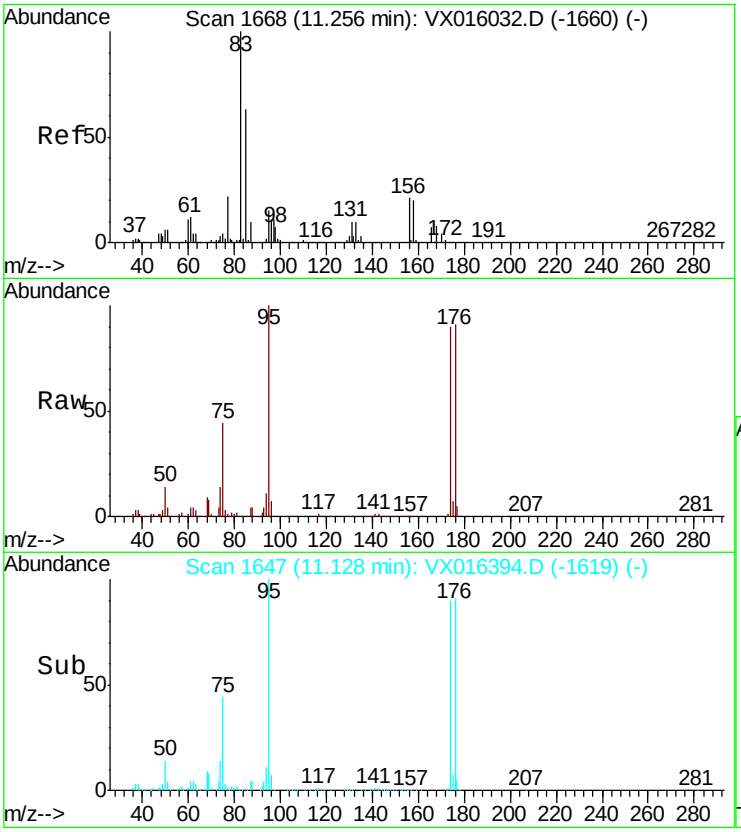




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016394.D
Acq: 21 May 2020 19:12

Tgt Ion:152 Resp: 191113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 58.6 | 41.3 | 124.1 |
| 150 | 156.7 | 0.0 | 352.2 |



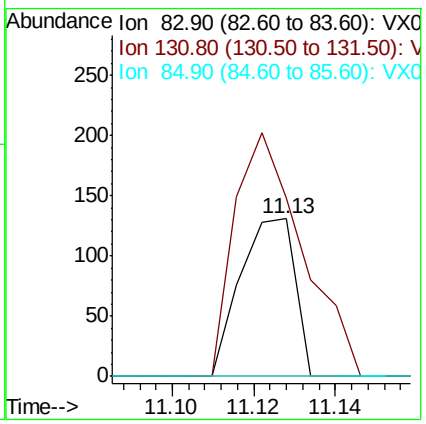


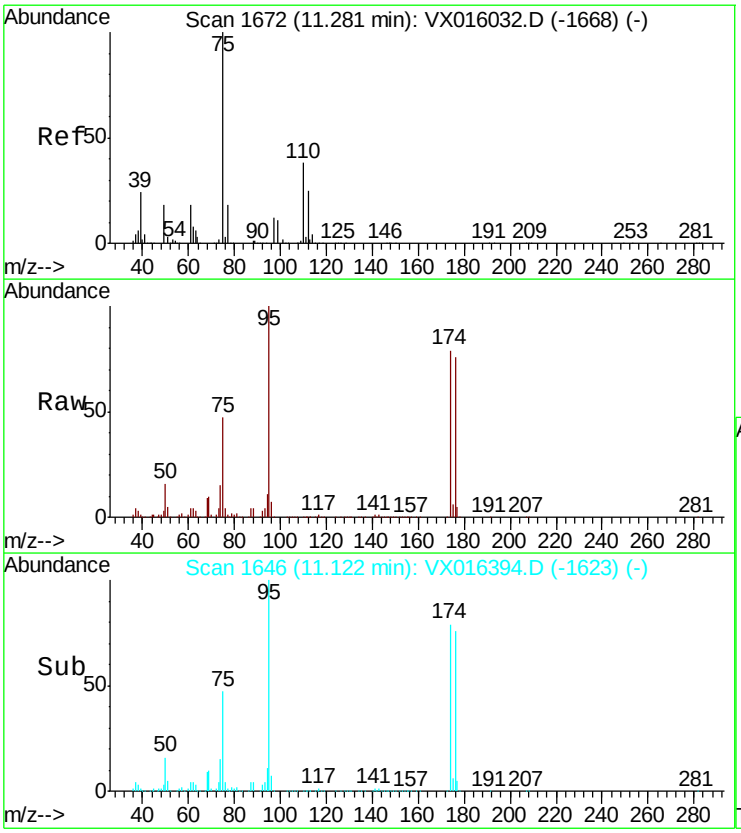

#75
1,1,2,2-Tetrachloroethane
Concen: 2.096 ug/l
RT: 11.13 min Scan# 1647
Delta R.T. -0.13 min
Lab File: VX016394.D
Acq: 21 May 2020 19:12

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

Tgt Ion: 83 Resp: 123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 189.4 | 5.1 | 15.4# |
| 85 | 0.0 | 32.0 | 96.0# |

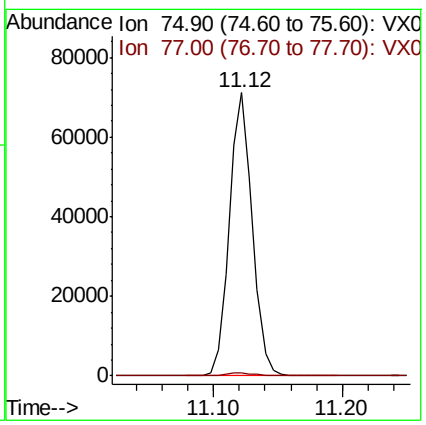


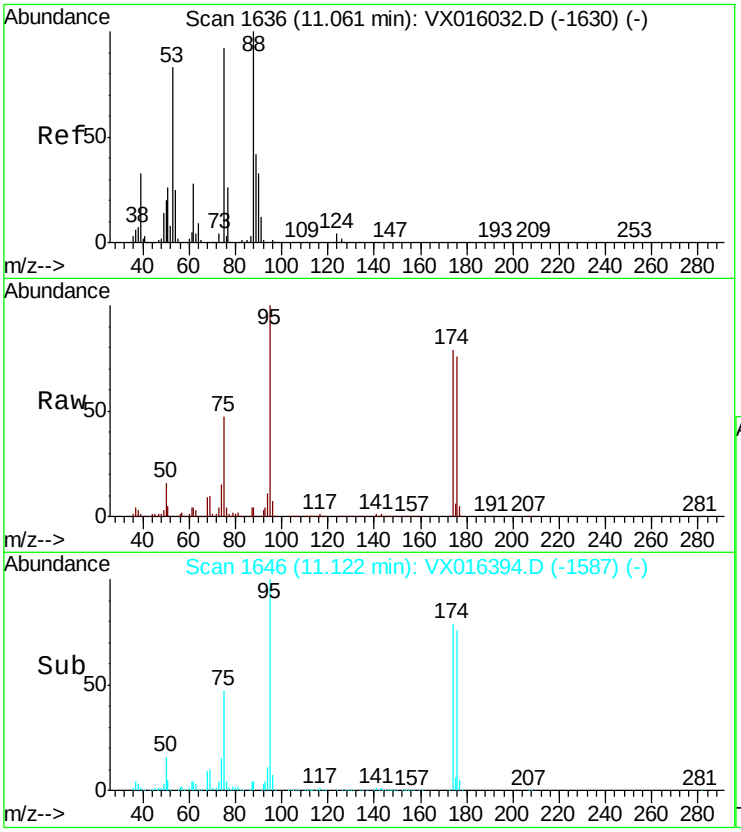




#76
1,2,3-Trichloropropane
Concen: 20.420 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016394.D
Acq: 21 May 2020 19:12

Tgt Ion: 75 Resp: 88557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.3 | 21.2 | 63.6# |






#81
trans-1,4-Dichloro-2-butene
Concen: 48.662 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016394.D
Acq: 21 May 2020 19:12

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

Tgt Ion: 75 Resp: 88557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 73.1 | 109.7# |
| 89 | 0.0 | 36.7 | 55.1# |