Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051920\
Data File : VX016323.D
Acq On : 19 May 2020 10:37
Operator : JC/SP
Sample : VX0519WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VX0519WBL01

Quant Time: May 20 03:43:38 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 | 5.63 | 168 | 261661 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.83 | 114 | 432296 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.10 | 117 | 412010 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 198009 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.02 | 65 | 151535 | 44.01 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 88.02% | | | |
| 35) Dibromofluoromethane | 5.46 | 113 | 124342 | 45.40 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.80% | | | |
| 50) Toluene-d8 | 8.70 | 98 | 529593 | 50.19 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.38% | | | |
| 62) 4-Bromofluorobenzene | 11.12 | 95 | 205797 | 51.27 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.54% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Bromomethane | 1.64 | 94 | 914 | 0.528 | ug/l # | 63 |
| 10) Methyl Iodide | 2.50 | 142 | 1079 | 0.309 | ug/l # | 91 |
| 13) Acrolein | 2.27 | 56 | 720 | 1.321 | ug/l | 93 |
| 15) Acrylonitrile | 3.11 | 53 | 596 | 0.330 | ug/l # | 78 |
| 16) Acetone | 2.42 | 43 | 432 | 0.281 | ug/l # | 43 |
| 27) cis-1,2-Dichloroethene | 4.56 | 96 | 670 | 0.202 | ug/l | 55 |
| 29) Tetrahydrofuran | 5.10 | 42 | 451 | 0.275 | ug/l # | 45 |
| 31) Cyclohexane | 5.62 | 56 | 4844 | 1.013 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 5.63 | 75 | 18841 | 4.428 | ug/l # | 49 |
| 38) Carbon Tetrachloride | 5.62 | 117 | 25202 | 5.827 | ug/l # | 14 |
| 75) 1,1,2,2-Tetrachloroethane | 11.12 | 83 | 119 | 2.093 | ug/l # | 1 |
| 76) 1,2,3-Trichloropropane | 11.12 | 75 | 98645 | 21.954 | ug/l # | 35 |
| 81) trans-1,4-Dichloro-2-buten | 11.12 | 75 | 98645 | 52.318 | ug/l # | 13 |
| 94) Hexachlorobutadiene | 13.77 | 225 | 1031 | 1.021 | ug/l | 90 |

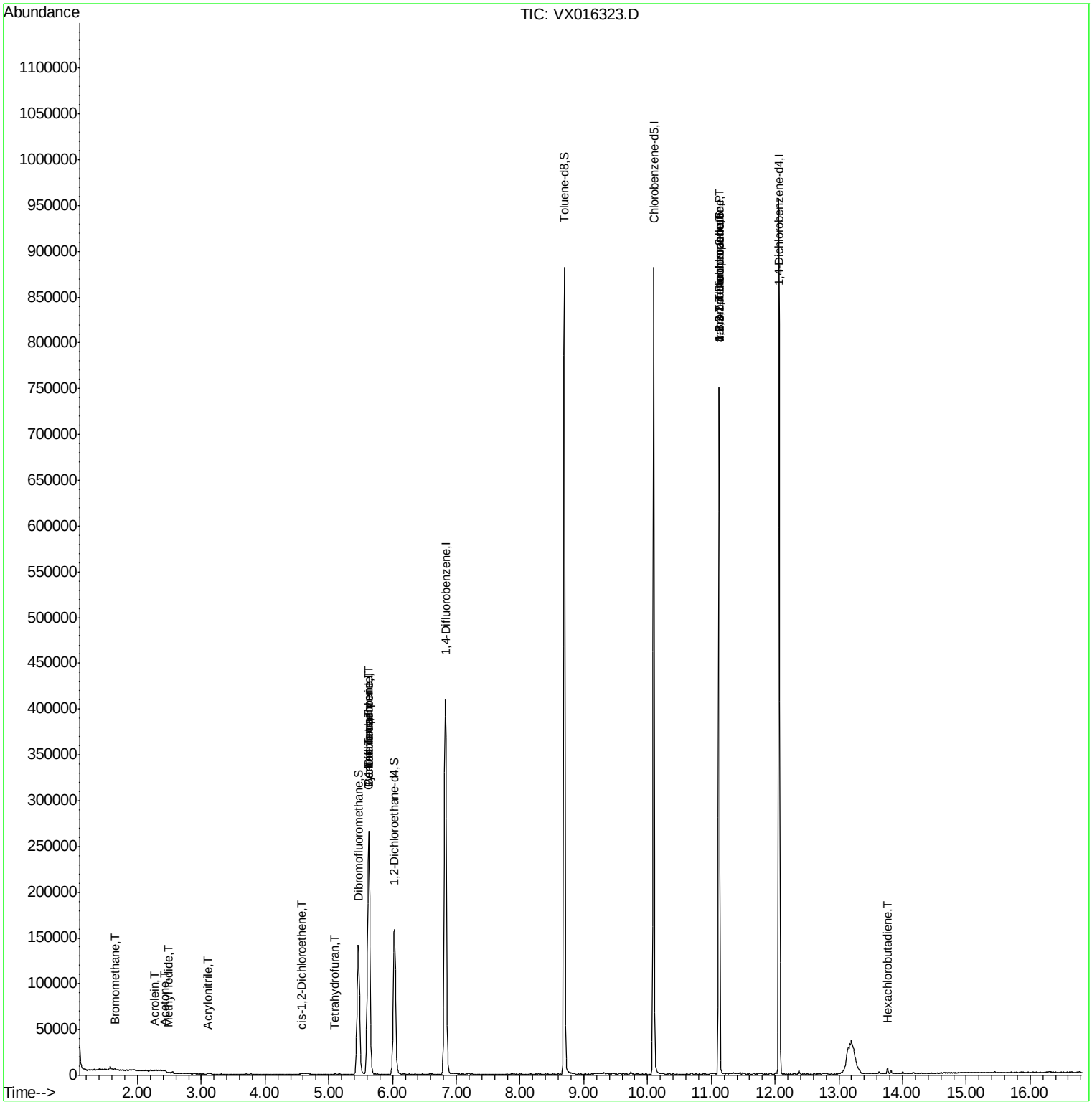
(#) = qualifier out of range (m) = manual integration (+) = signals summed

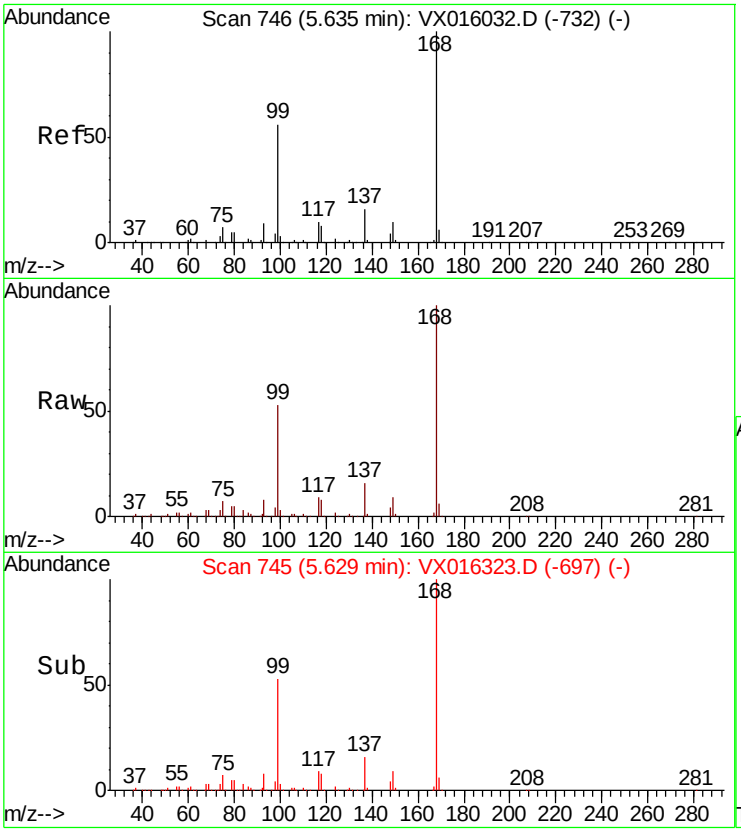
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051920\
Data File : VX016323.D
Acq On : 19 May 2020 10:37
Operator : JC/SP
Sample : VX0519WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0519WBL01

Quant Time: May 20 03:43:38 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



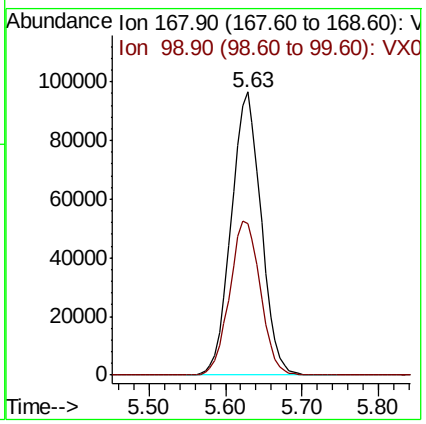


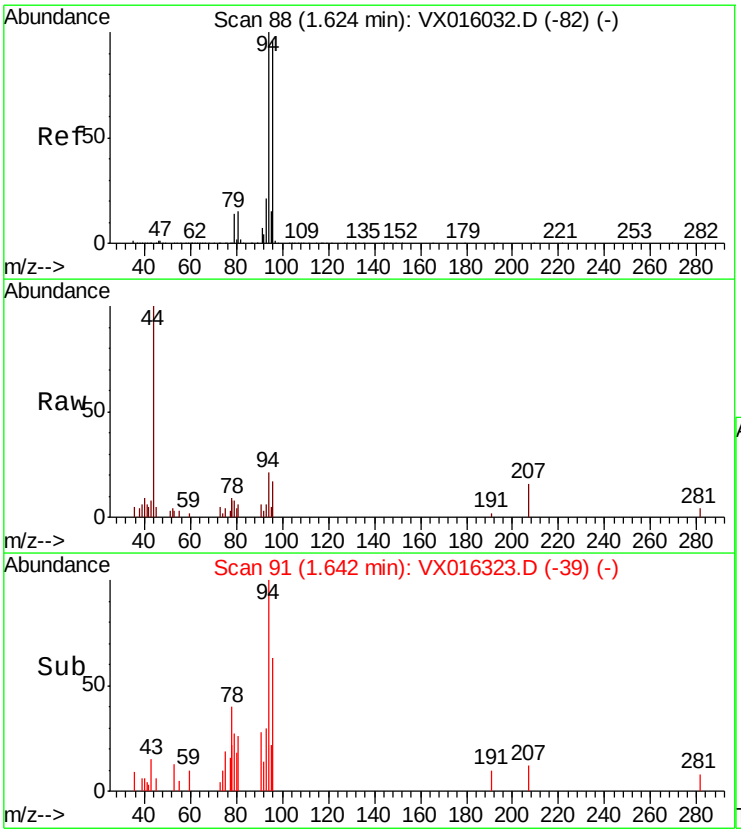

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX016323.D
Acq: 19 May 2020 10:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0519WBL01

Tgt Ion:168 Resp: 261661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 53.4 | 45.0 | 67.4 |

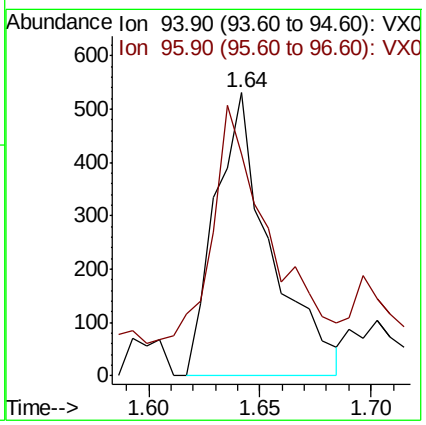


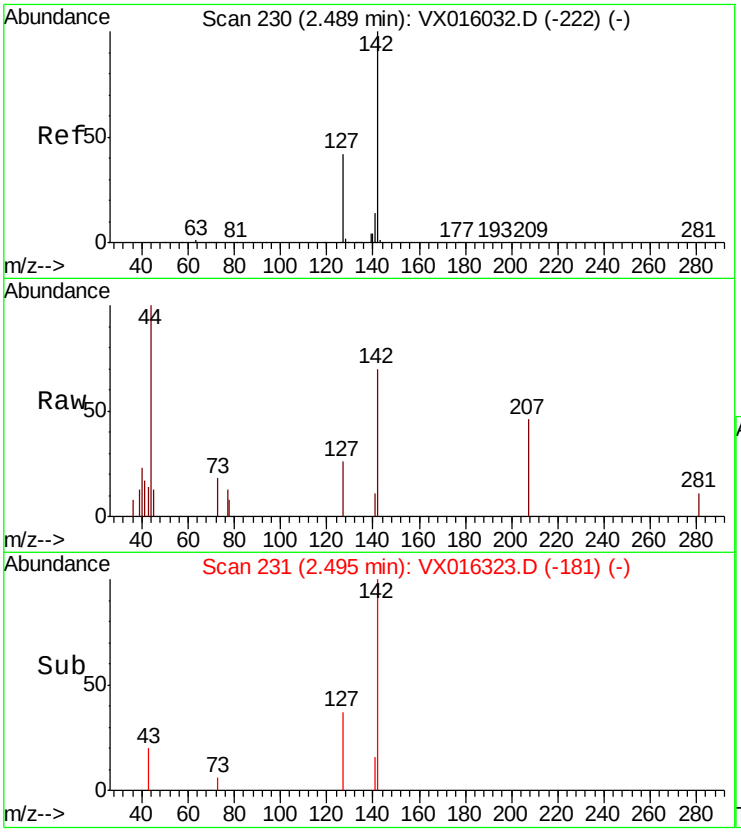




#5
Bromomethane
Concen: 0.528 ug/l
RT: 1.64 min Scan# 91
Delta R.T. 0.02 min
Lab File: VX016323.D
Acq: 19 May 2020 10:37

Tgt Ion: 94 Resp: 914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 59.7 | 76.9 | 115.3# |



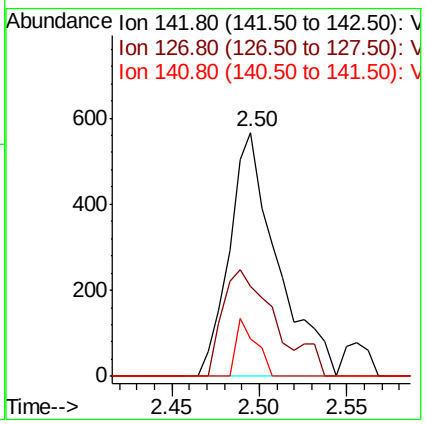


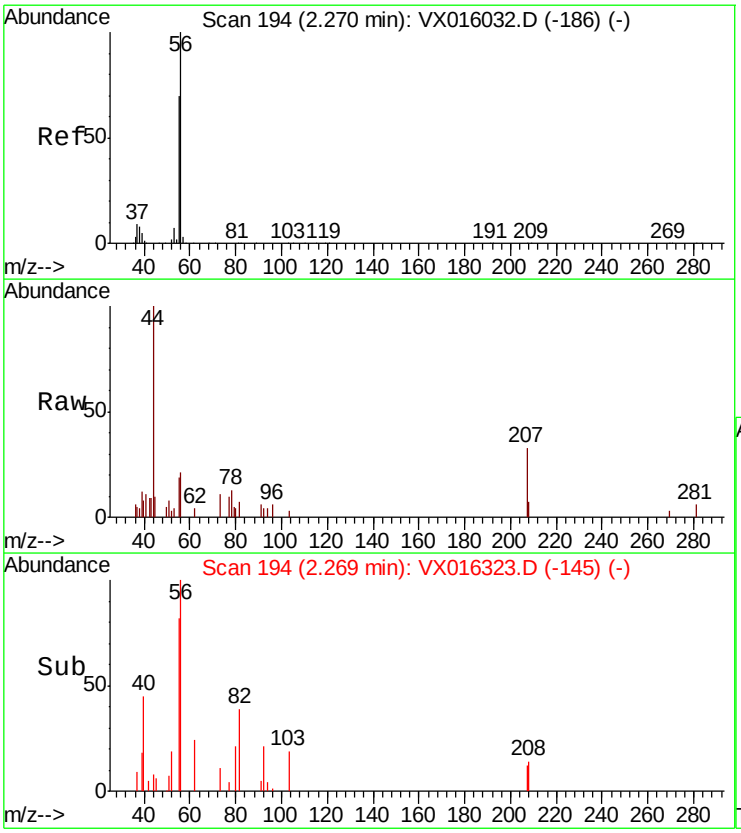

#10
Methyl Iodide
Concen: 0.309 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX016323.D
Acq: 19 May 2020 10:37

**Instrument :** MSVOA_X
**ClientSampleId :** VX0519WBL01

Tgt Ion:142 Resp: 1079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 48.6 | 34.6 | 52.0 |
| 141 | 9.8 | 11.3 | 16.9# |

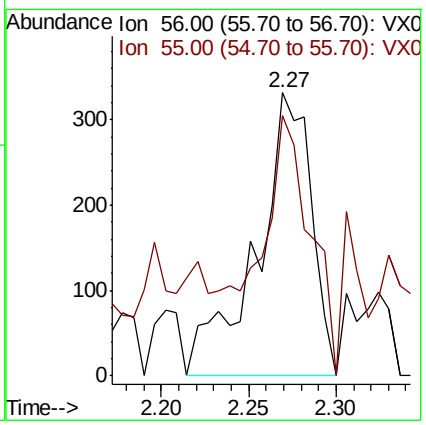


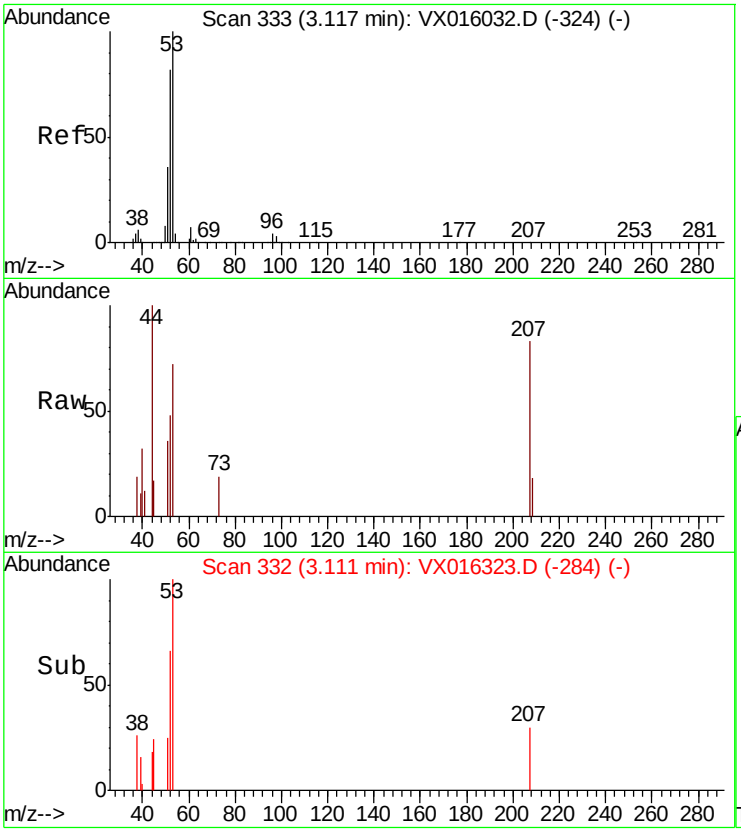




#13
Acrolein
Concen: 1.321 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016323.D
Acq: 19 May 2020 10:37

Tgt Ion: 56 Resp: 720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 76.3 | 56.5 | 84.7 |



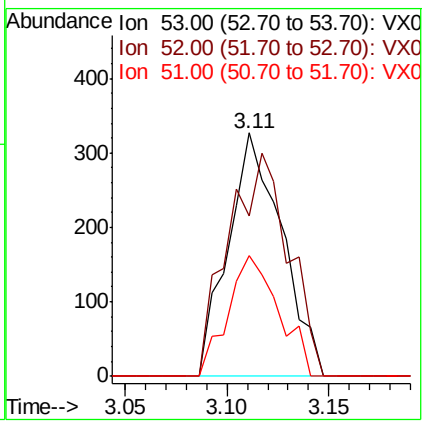


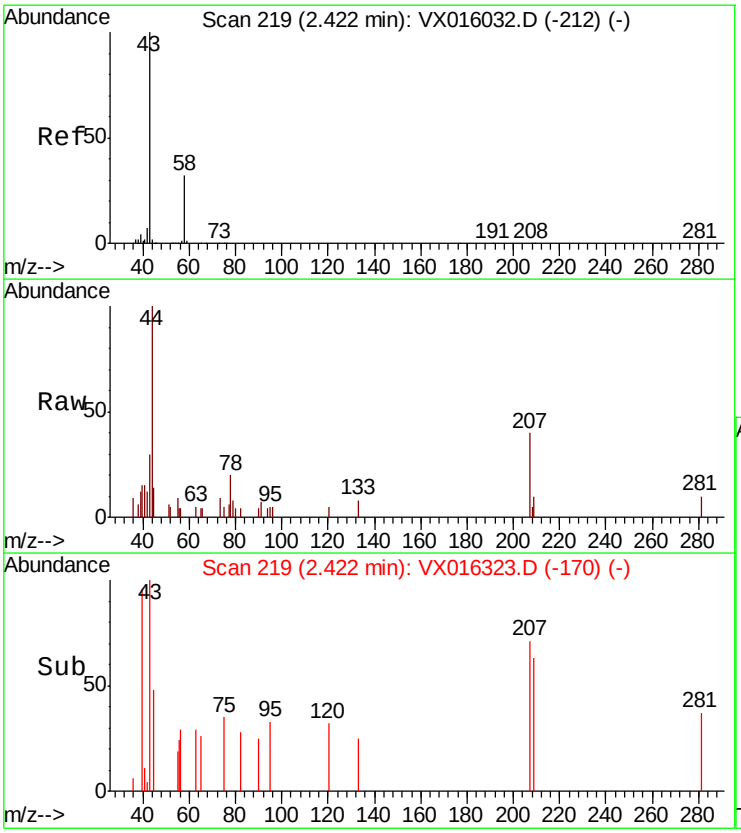

#15
Acrylonitrile
Concen: 0.330 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX016323.D
Acq: 19 May 2020 10:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0519WBL01

Tgt Ion: 53 Resp: 596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 103.4 | 66.1 | 99.1# |
| 51 | 46.8 | 28.8 | 43.2# |

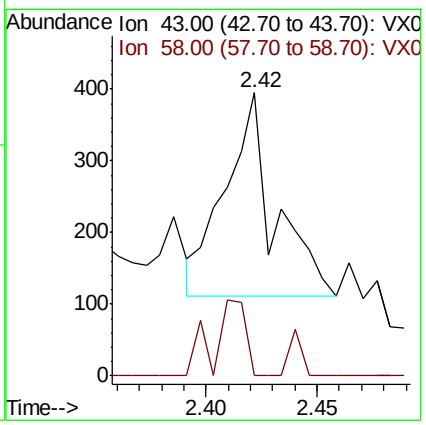


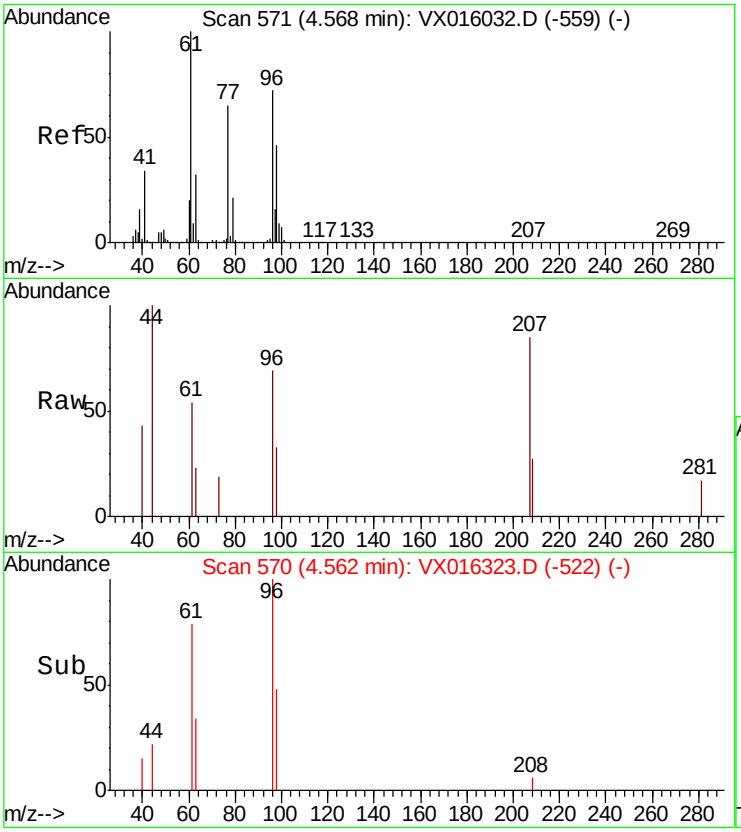




#16
Acetone
Concen: 0.281 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX016323.D
Acq: 19 May 2020 10:37

Tgt Ion: 43 Resp: 432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 25.4 | 38.0# |



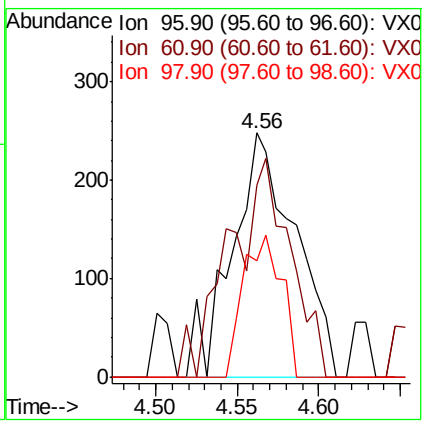


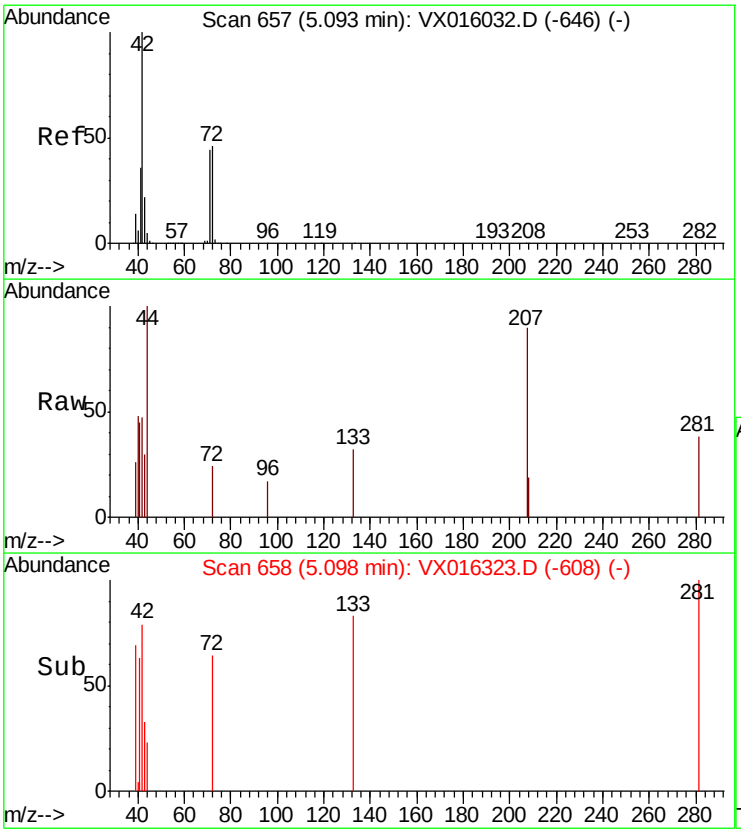

#27
cis-1,2-Dichloroethene
Concen: 0.202 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016323.D
Acq: 19 May 2020 10:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0519WBL01

Tgt Ion: 96 Resp: 670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 86.7 | 0.0 | 296.2 |
| 98 | 35.1 | 0.0 | 129.4 |

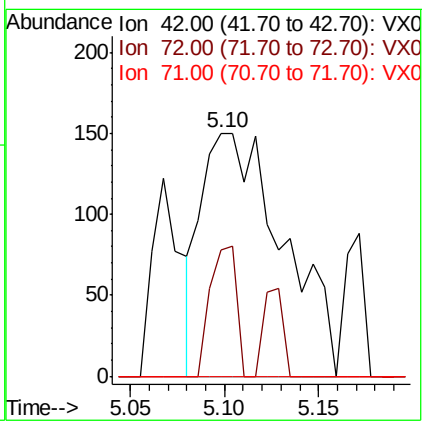


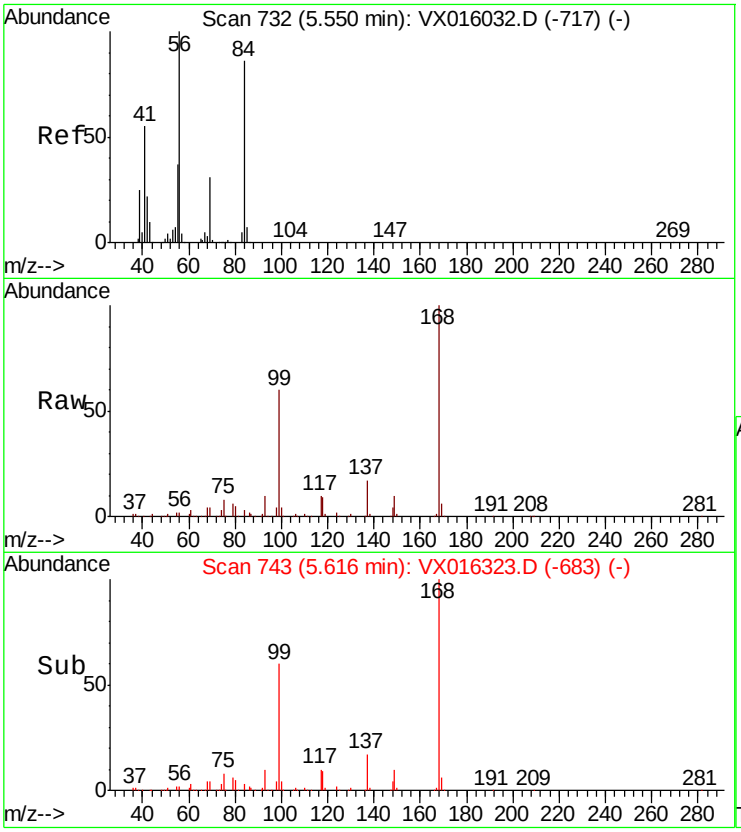




#29
Tetrahydrofuran
Concen: 0.275 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX016323.D
Acq: 19 May 2020 10:37

Tgt Ion: 42 Resp: 451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 17.3 | 37.1 | 55.7# |
| 71 | 0.0 | 34.5 | 51.7# |



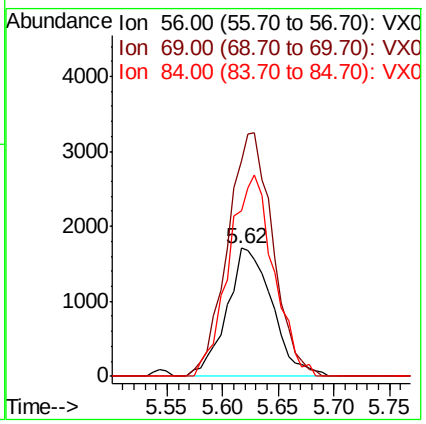


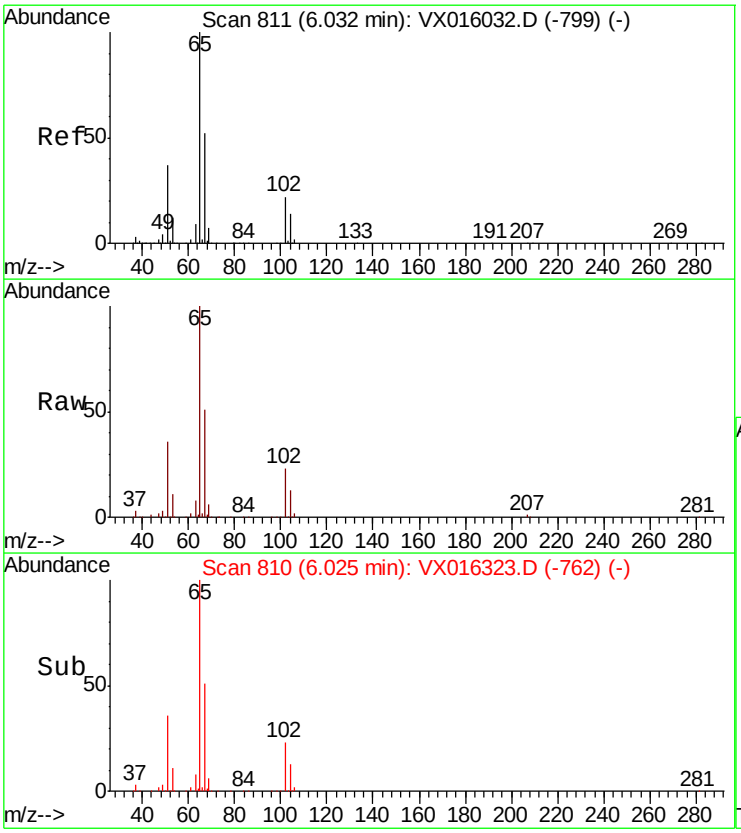

#31
Cyclohexane
Concen: 1.013 ug/l
RT: 5.62 min Scan# 743
Delta R.T. 0.07 min
Lab File: VX016323.D
Acq: 19 May 2020 10:37

**Instrument :** MSVOA_X
**ClientSampleId :** VX0519WBL01

Tgt Ion: 56 Resp: 4844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 168.0 | 25.0 | 37.6# |
| 84 | 129.0 | 69.0 | 103.6# |

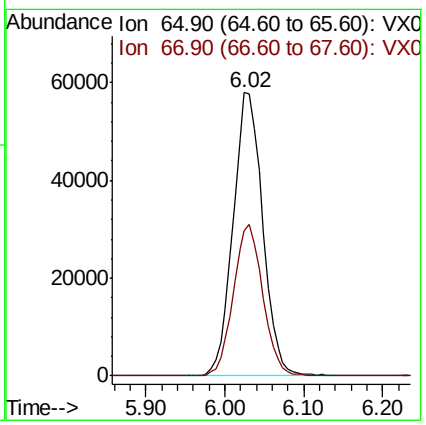


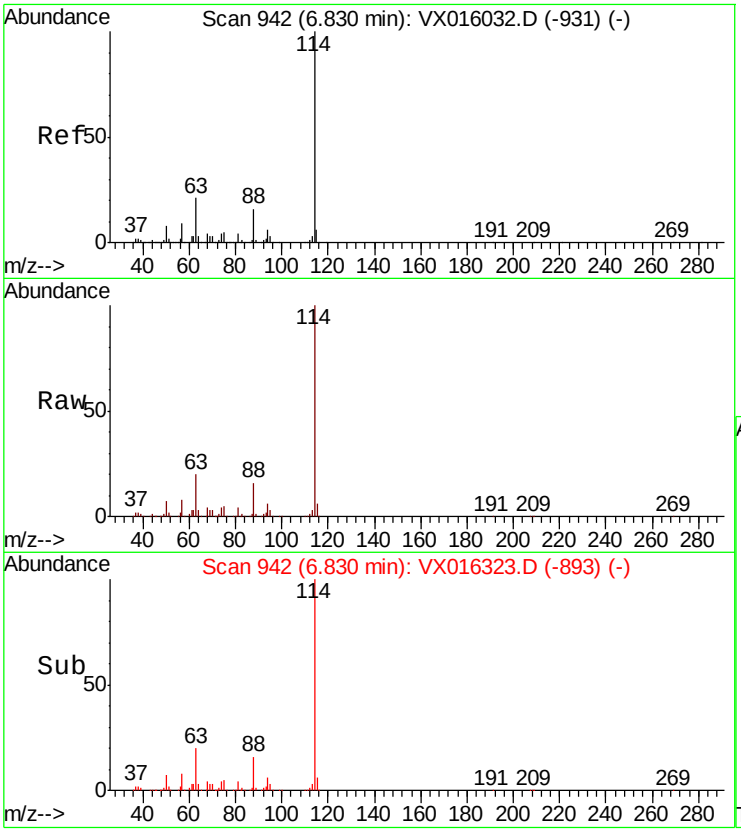




#33
1,2-Dichloroethane-d4
Concen: 44.010 ug/l
RT: 6.02 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX016323.D
Acq: 19 May 2020 10:37

Tgt Ion: 65 Resp: 151535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.3 | 0.0 | 104.8 |



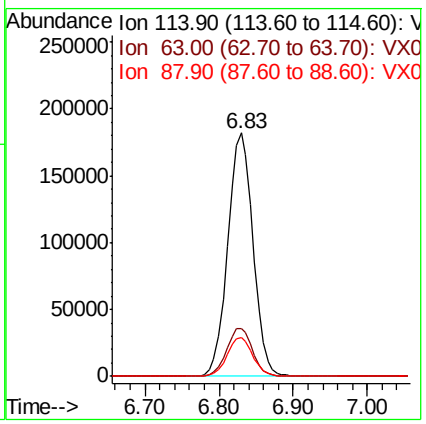


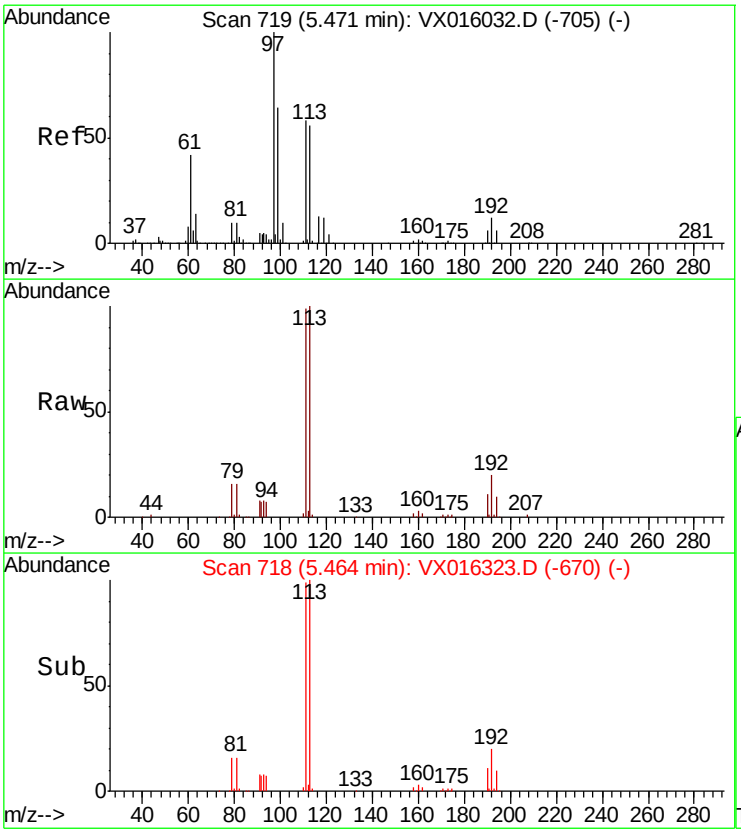

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX016323.D
Acq: 19 May 2020 10:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0519WBL01

Tgt Ion:114 Resp: 432296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.7 | 0.0 | 42.8 |
| 88 | 15.7 | 0.0 | 31.4 |

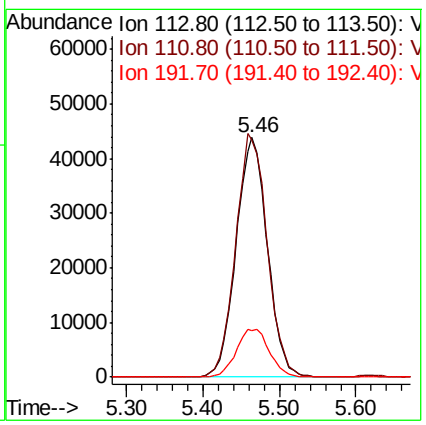


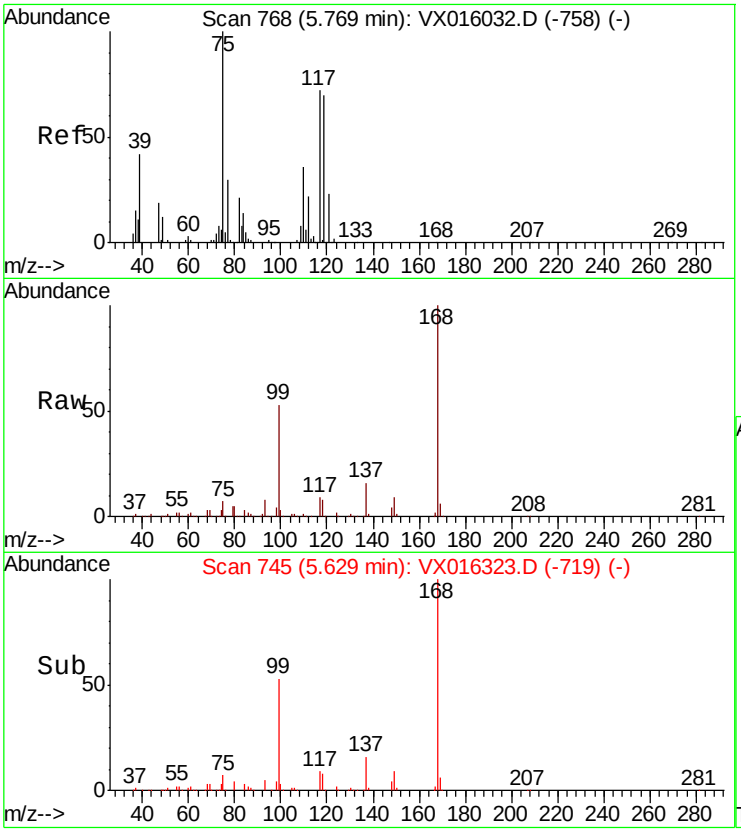




#35
Dibromofluoromethane
Concen: 45.400 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016323.D
Acq: 19 May 2020 10:37

Tgt Ion:113 Resp: 124342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.2 | 81.6 | 122.4 |
| 192 | 21.1 | 17.0 | 25.4 |



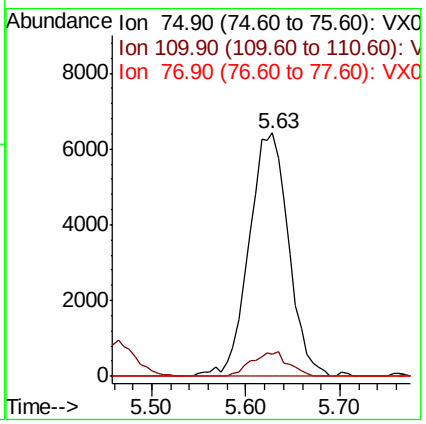


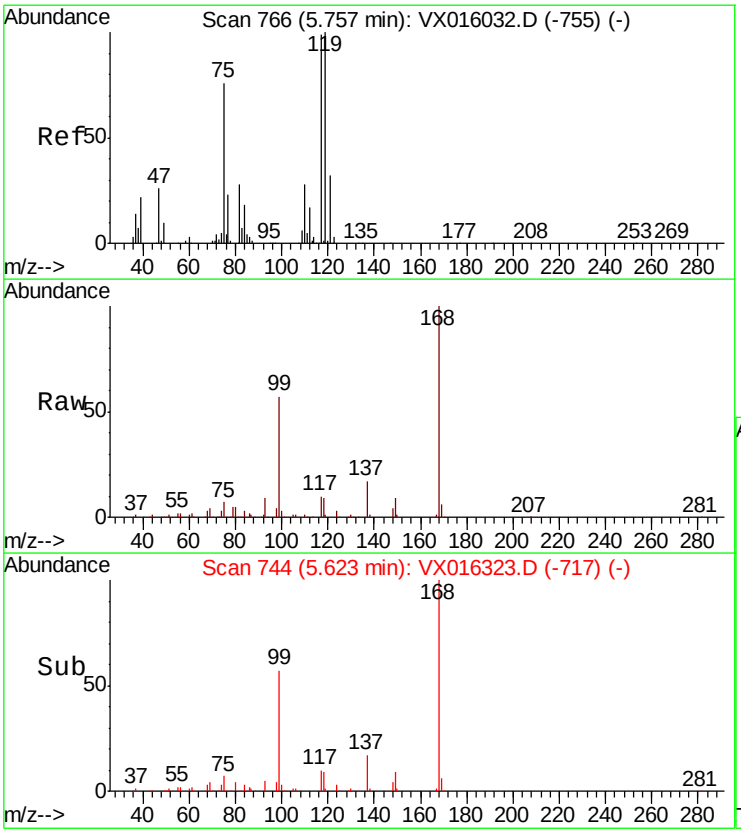

#36
1,1-Dichloropropene
Concen: 4.428 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX016323.D
Acq: 19 May 2020 10:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0519WBL01

Tgt Ion: 75 Resp: 18841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.3 | 18.1 | 54.1# |
| 77 | 0.0 | 25.0 | 37.6# |

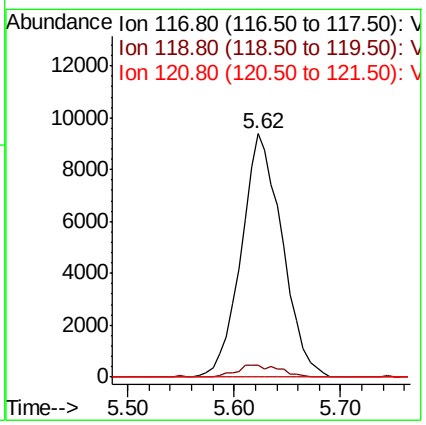


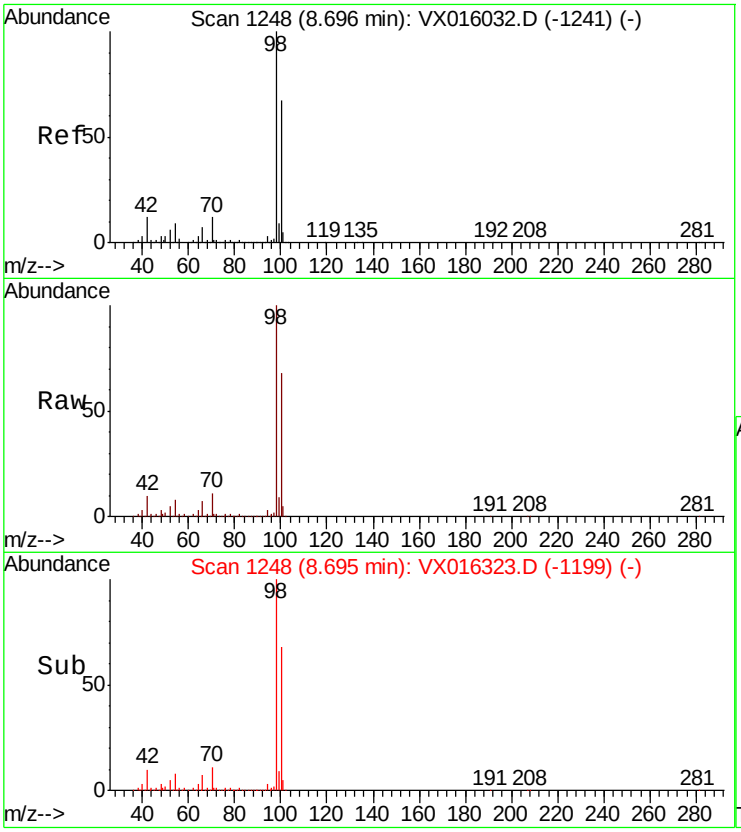




#38
Carbon Tetrachloride
Concen: 5.827 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX016323.D
Acq: 19 May 2020 10:37

Tgt Ion:117 Resp: 25202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.2 | 80.3 | 120.5# |
| 121 | 0.0 | 25.7 | 38.5# |



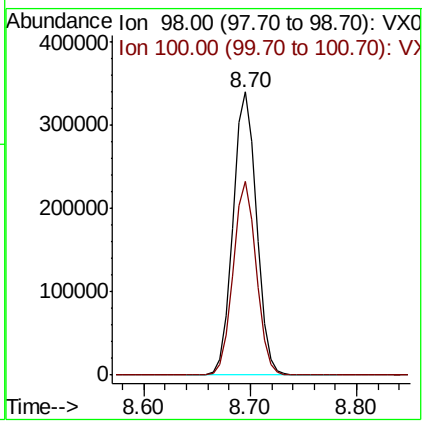


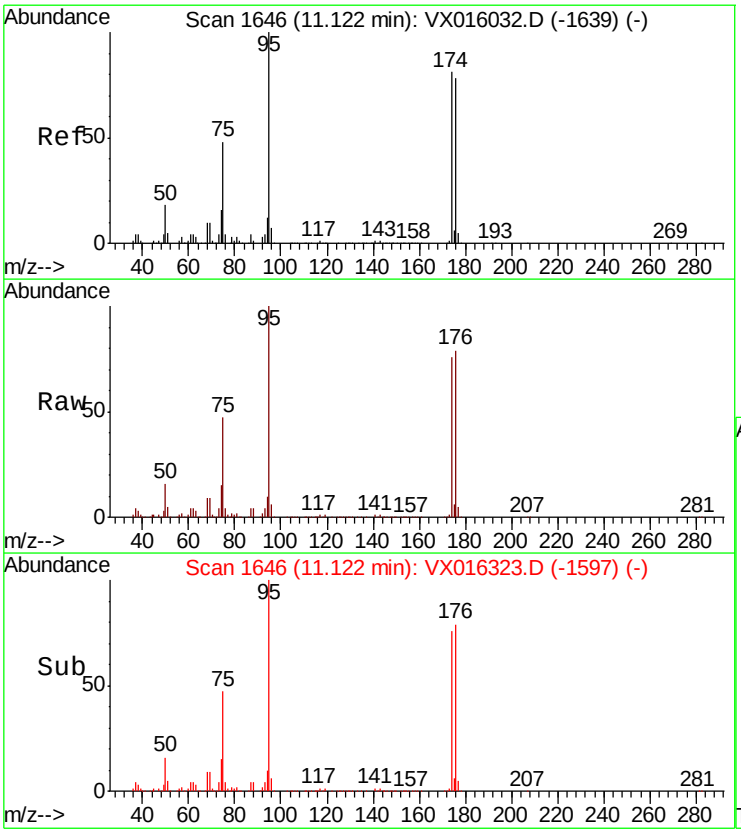

#50
Toluene-d8
Concen: 50.186 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016323.D
Acq: 19 May 2020 10:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0519WBL01

Tgt Ion: 98 Resp: 529593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.4 | 53.7 | 80.5 |

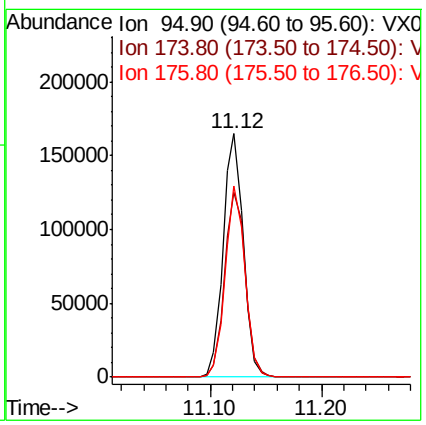


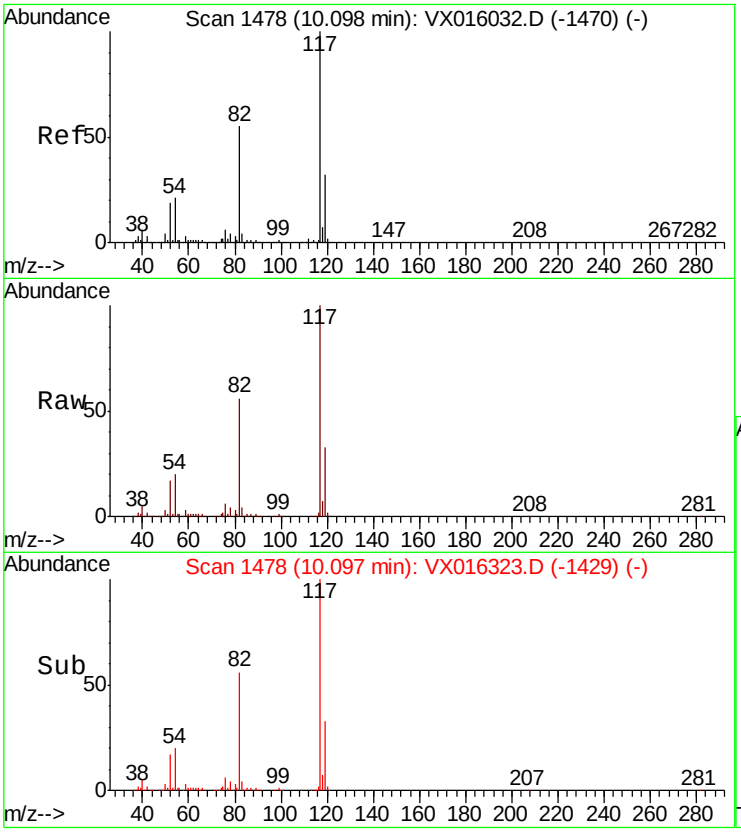




#62
4-Bromofluorobenzene
Concen: 51.273 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016323.D
Acq: 19 May 2020 10:37

Tgt Ion: 95 Resp: 205797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 78.6 | 0.0 | 159.4 |
| 176 | 76.9 | 0.0 | 157.6 |



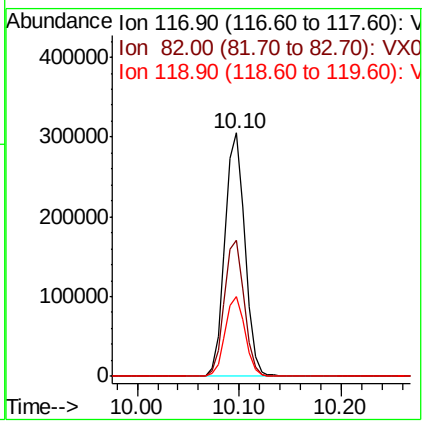


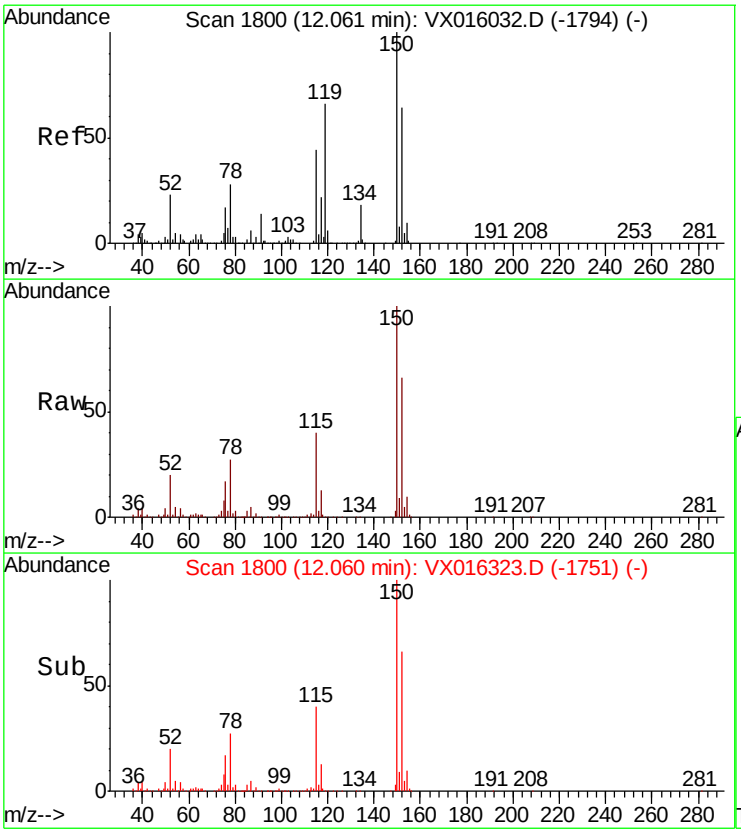

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016323.D
Acq: 19 May 2020 10:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0519WBL01

Tgt Ion:117 Resp: 412010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.7 | 44.4 | 66.6 |
| 119 | 32.5 | 25.5 | 38.3 |

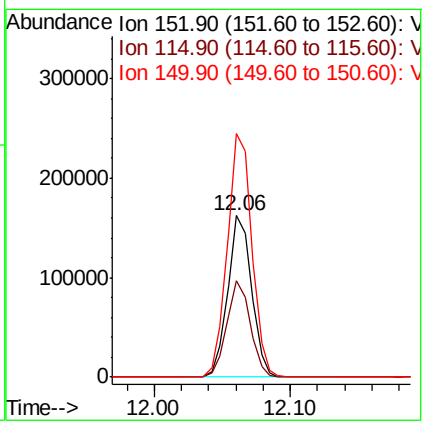


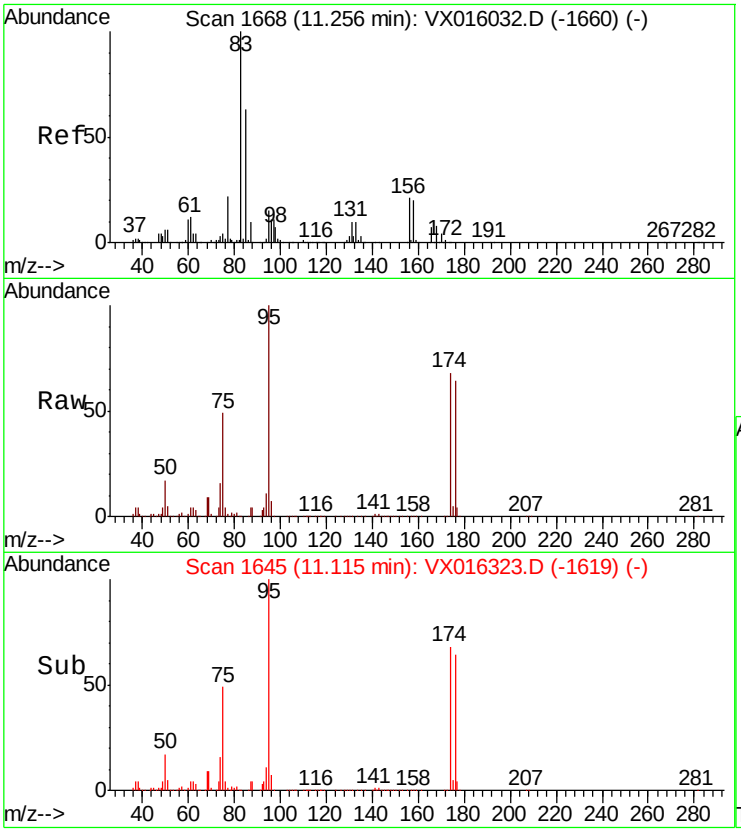




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016323.D
Acq: 19 May 2020 10:37

Tgt Ion:152 Resp: 198009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 58.9 | 41.3 | 124.1 |
| 150 | 154.6 | 0.0 | 352.2 |



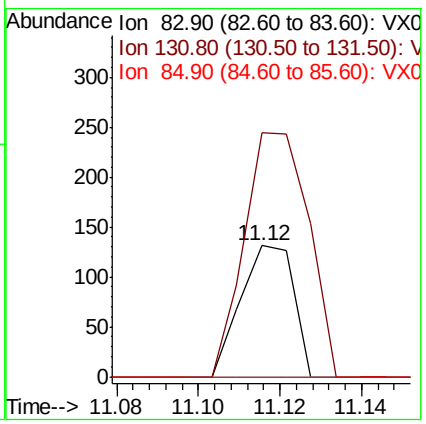


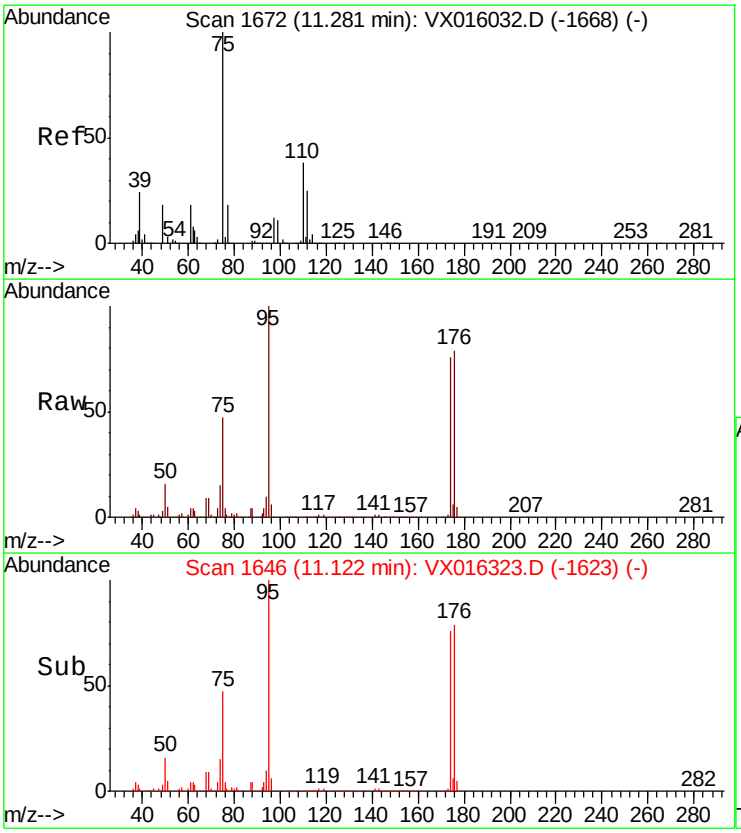

#75
1,1,2,2-Tetrachloroethane
Concen: 2.093 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.14 min
Lab File: VX016323.D
Acq: 19 May 2020 10:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0519WBL01

Tgt Ion: 83 Resp: 119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 225.2 | 5.1 | 15.4# |
| 85 | 0.0 | 32.0 | 96.0# |

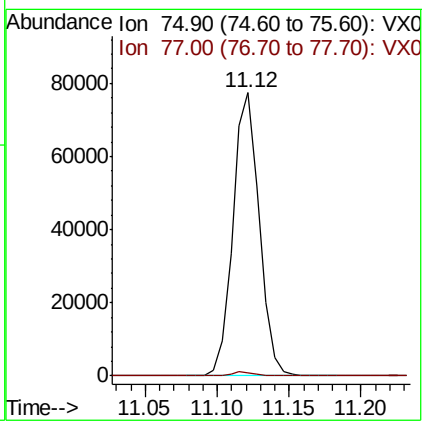


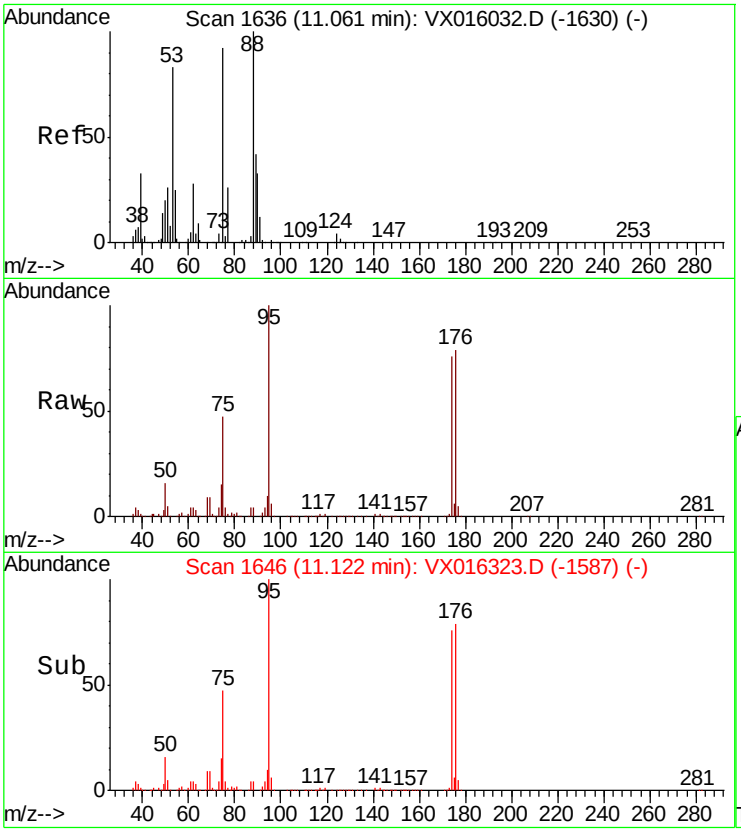




#76
1,2,3-Trichloropropane
Concen: 21.954 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016323.D
Acq: 19 May 2020 10:37

Tgt Ion: 75 Resp: 98645

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



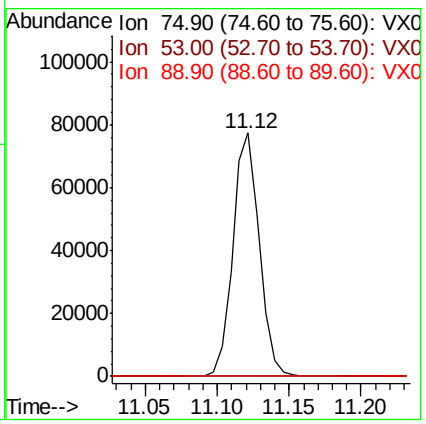


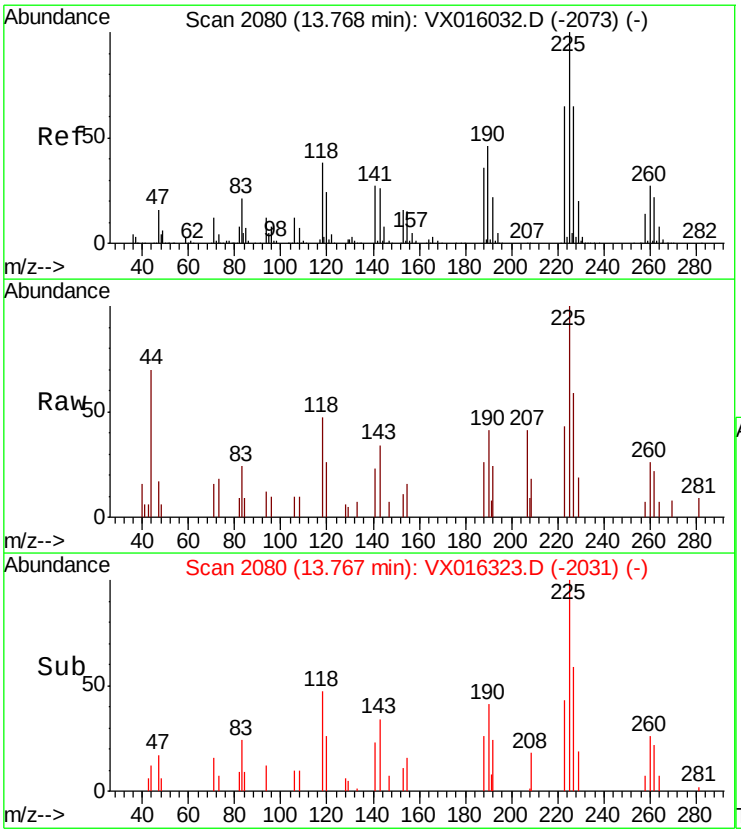

#81
trans-1,4-Dichloro-2-butene
Concen: 52.318 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016323.D
Acq: 19 May 2020 10:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0519WBL01

Tgt Ion: 75 Resp: 98645

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




#94
Hexachlorobutadiene
Concen: 1.021 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016323.D
Acq: 19 May 2020 10:37

Tgt Ion:225 Resp: 1031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 57.5 | 32.3 | 96.9 |
| 227 | 54.4 | 31.8 | 95.4 |