Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030519\
Data File : VX007828.D
Acq On : 05 Mar 2019 11:05
Operator : JC/SP
Sample : VX0305WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VX0305WBL01

Quant Time: Mar 05 11:24:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

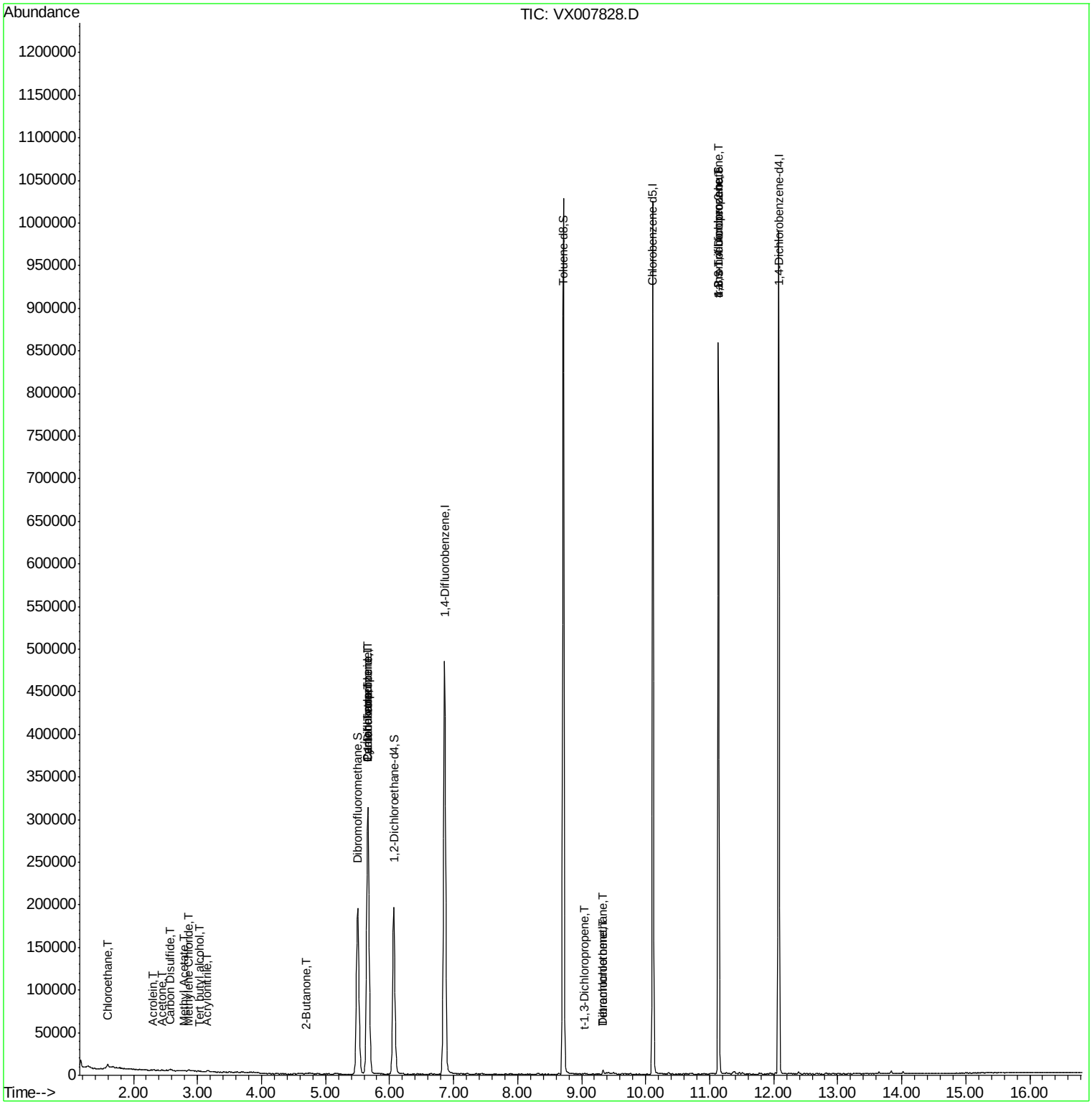
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.66 | 168 | 330260 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 511842 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 476680 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 224930 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 180589 | 44.14 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 88.28% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 167358 | 48.91 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.82% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 614894 | 46.94 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 93.88% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 221217 | 46.01 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 92.02% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Bromomethane | 1.66 | 94 | 604 | Below Cal | | 85 |
| 6) Chloroethane | 1.61 | 64 | 8942 | 4.046 | ug/l # | 61 |
| 11) Tert butyl alcohol | 3.03 | 59 | 723 | 0.931 | ug/l # | 80 |
| 13) Acrolein | 2.29 | 56 | 424 | 0.615 | ug/l | 98 |
| 15) Acrylonitrile | 3.14 | 53 | 705 | 0.386 | ug/l # | 75 |
| 16) Acetone | 2.45 | 43 | 780 | 0.429 | ug/l | 91 |
| 17) Carbon Disulfide | 2.57 | 76 | 2163 | 0.269 | ug/l # | 79 |
| 18) Methyl Acetate | 2.78 | 43 | 811 | 0.204 | ug/l | 94 |
| 20) Methylene Chloride | 2.86 | 84 | 700 | 0.208 | ug/l # | 95 |
| 25) 2-Butanone | 4.70 | 43 | 610 | 0.220 | ug/l | 98 |
| 31) Cyclohexane | 5.67 | 56 | 5207 | 0.916 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 5.66 | 75 | 20340 | 4.420 | ug/l # | 47 |
| 38) Carbon Tetrachloride | 5.67 | 117 | 27627 | 5.977 | ug/l # | 17 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 213 | 2.839 | ug/l # | 43 |
| 60) Dibromochloromethane | 9.34 | 129 | 811 | 0.226 | ug/l # | 12 |
| 64) Tetrachloroethene | 9.33 | 164 | 935 | 0.242 | ug/l # | 86 |
| 76) 1,2,3-Trichloropropane | 11.13 | 75 | 102353 | 21.348 | ug/l # | 32 |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75 | 102353 | 56.773 | ug/l # | 9 |

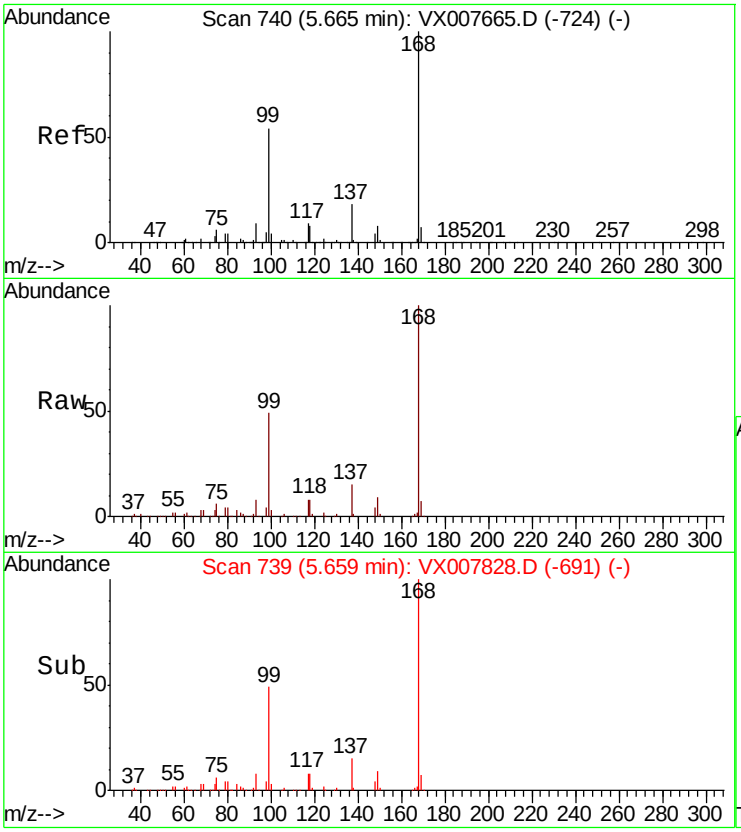
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030519\
Data File : VX007828.D
Acq On : 05 Mar 2019 11:05
Operator : JC/SP
Sample : VX0305WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0305WBL01

Quant Time: Mar 05 11:24:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration



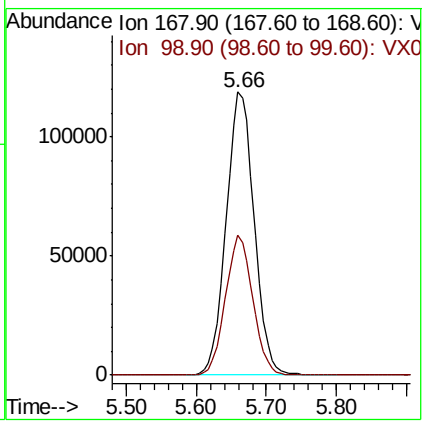


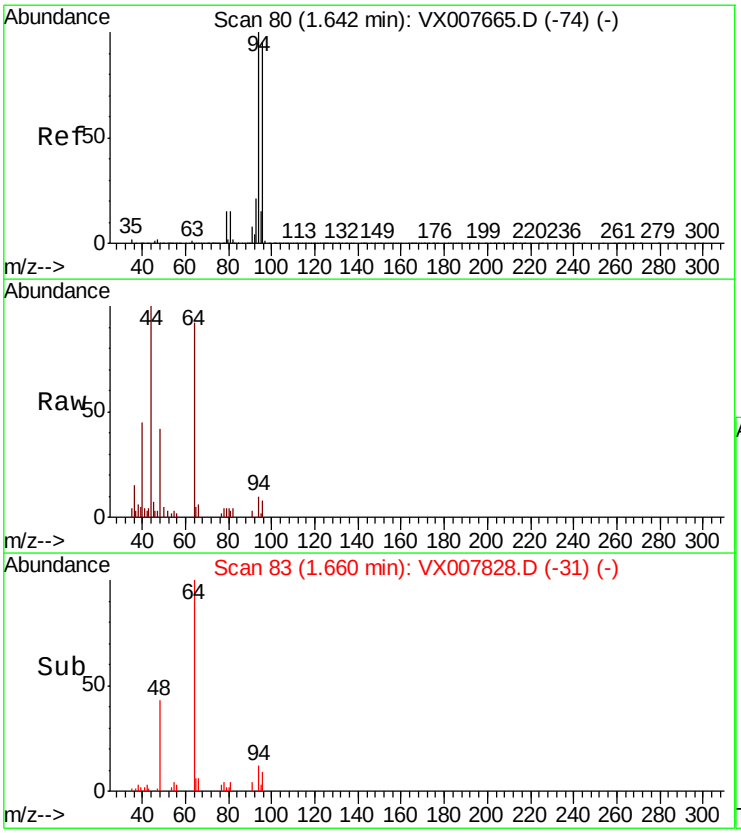

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0305WBL01

Tgt Ion:168 Resp: 330260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 49.2 | 37.9 | 56.9 |

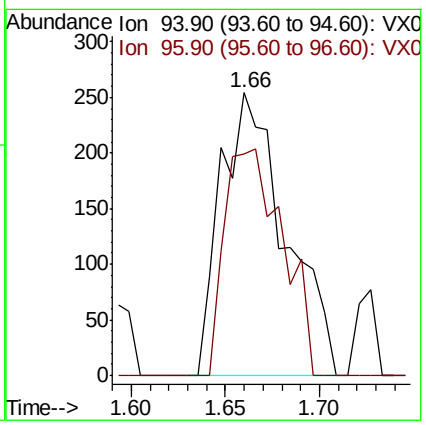


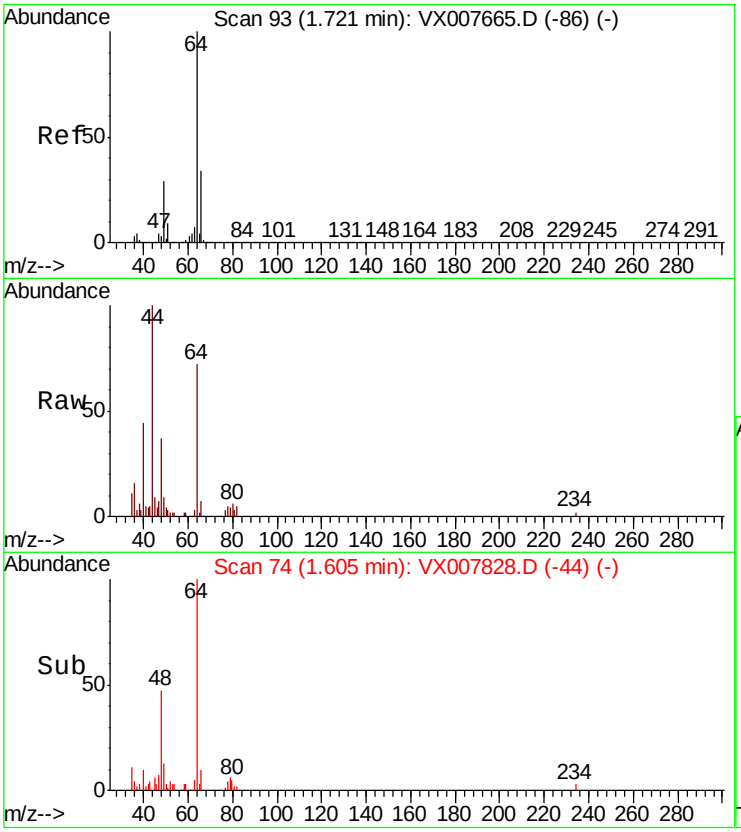




#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 83
Delta R.T. 0.02 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

Tgt Ion: 94 Resp: 604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 78.3 | 73.9 | 110.9 |



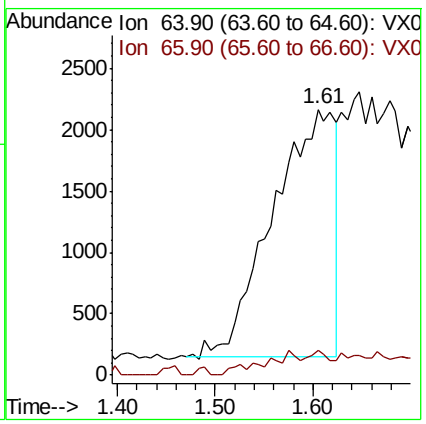


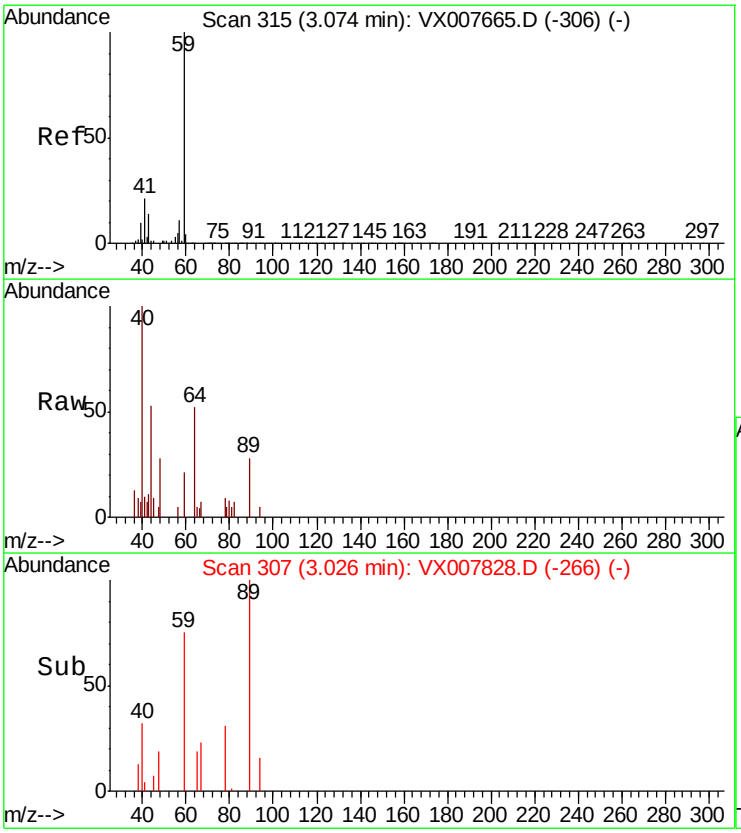

#6
Chloroethane
Concen: 4.046 ug/l
RT: 1.61 min Scan# 74
Delta R.T. -0.12 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

**Instrument :** MSVOA_X
**ClientSampleId :** VX0305WBL01

Tgt Ion: 64 Resp: 8942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 10.2 | 25.5 | 38.3# |

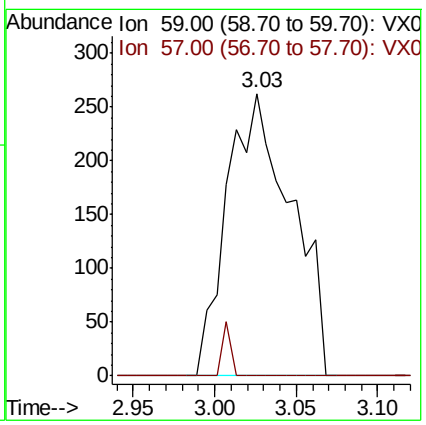


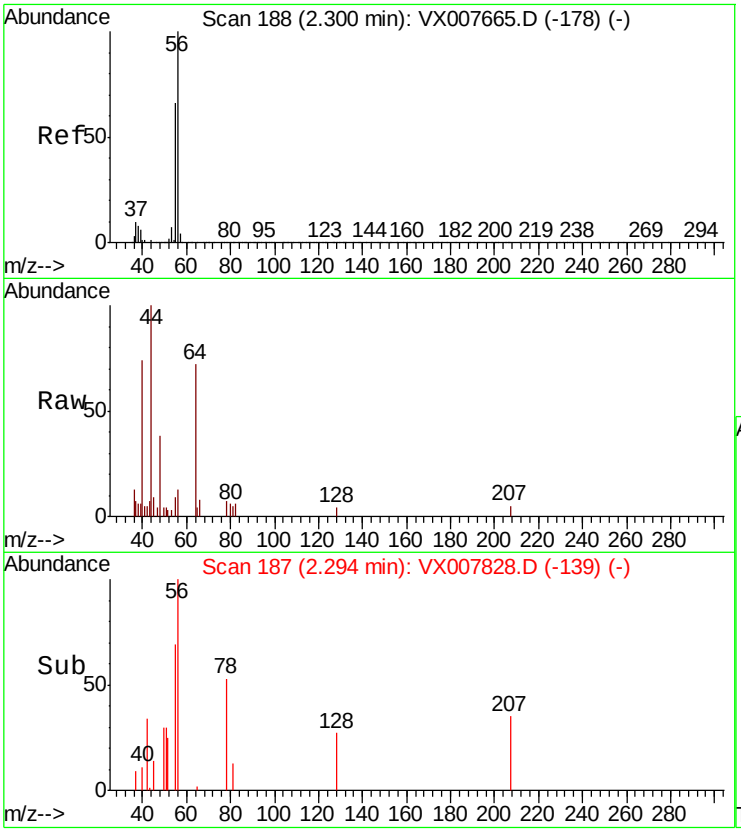




#11
Tert butyl alcohol
Concen: 0.931 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

Tgt Ion: 59 Resp: 723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 2.6 | 8.1 | 12.1# |



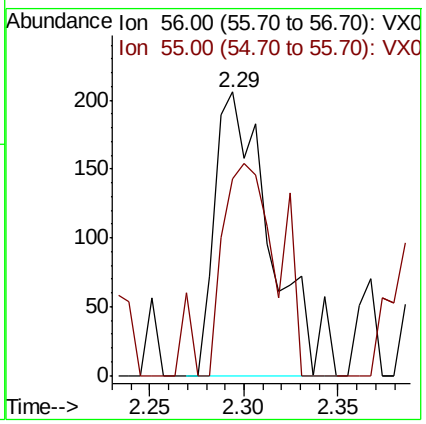


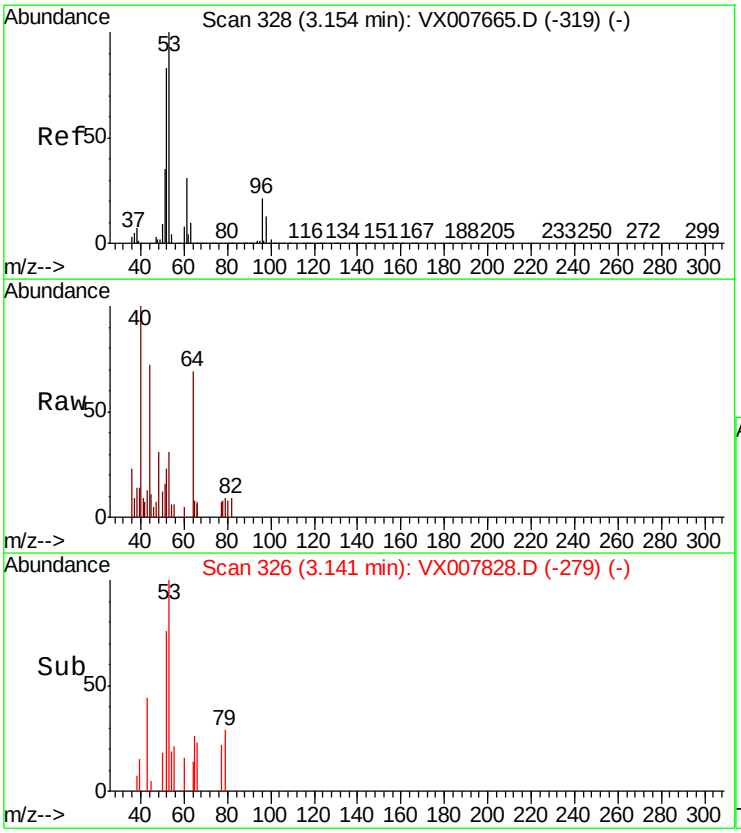

#13
Acrolein
Concen: 0.615 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

**Instrument :** MSVOA_X
**ClientSampleId :** VX0305WBL01

Tgt Ion: 56 Resp: 424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 72.4 | 56.9 | 85.3 |

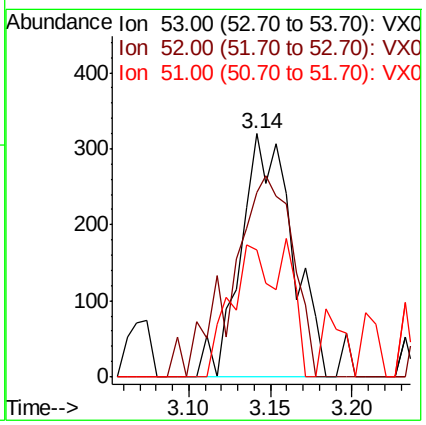


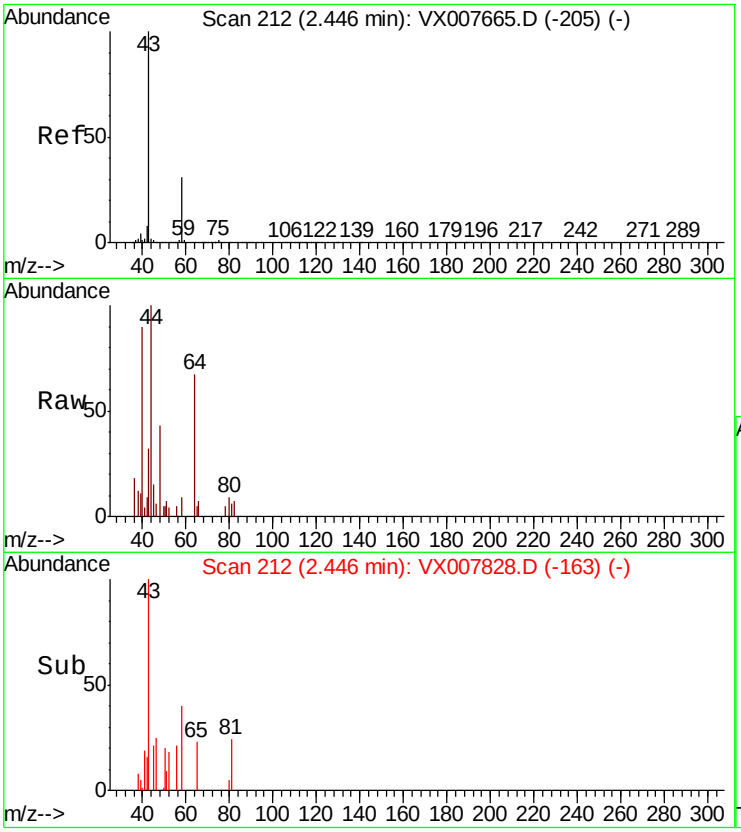




#15
Acrylonitrile
Concen: 0.386 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.01 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

Tgt Ion: 53 Resp: 705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 99.4 | 66.4 | 99.6 |
| 51 | 58.9 | 28.4 | 42.6# |



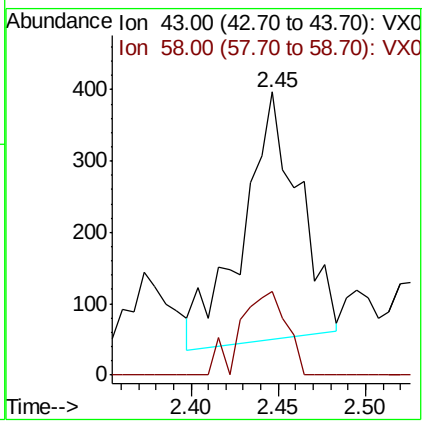


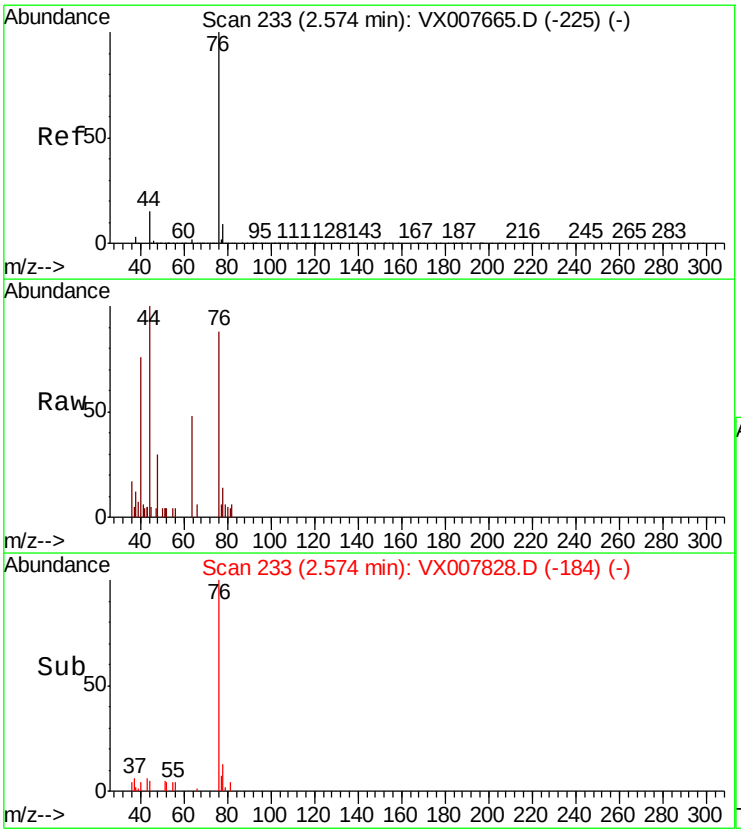

#16
Acetone
Concen: 0.429 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0305WBL01

Tgt Ion: 43 Resp: 780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.1 | 24.9 | 37.3 |

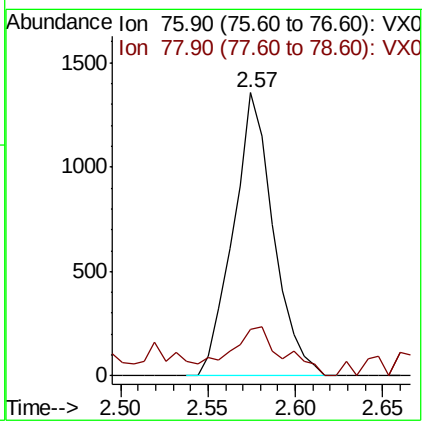


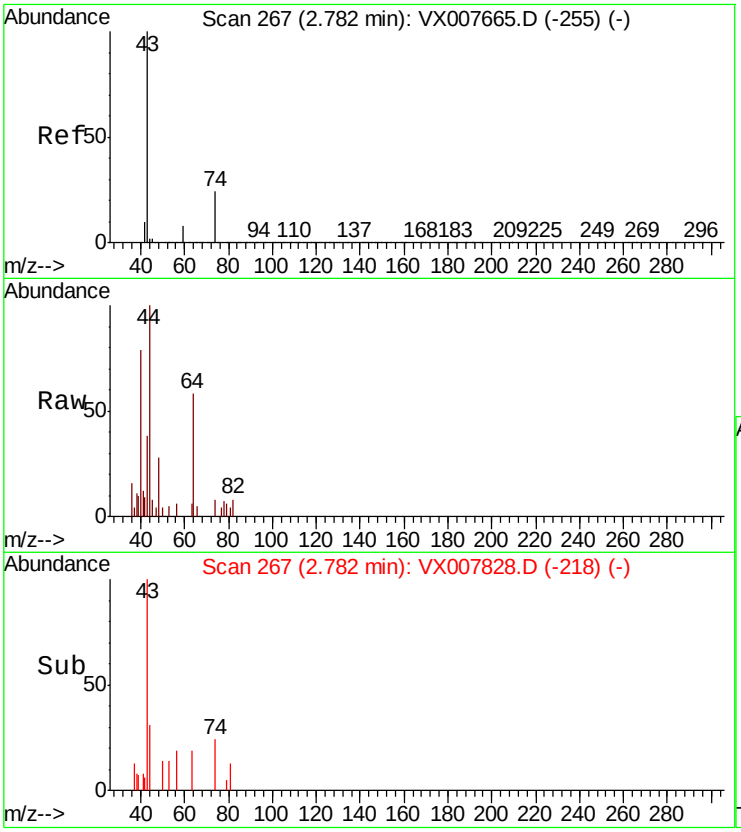




#17
Carbon Disulfide
Concen: 0.269 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

Tgt Ion: 76 Resp: 2163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 16.4 | 7.1 | 10.7# |



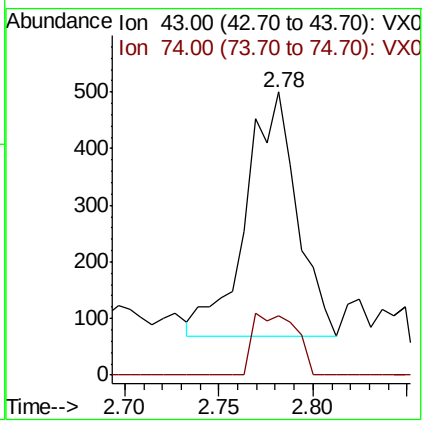


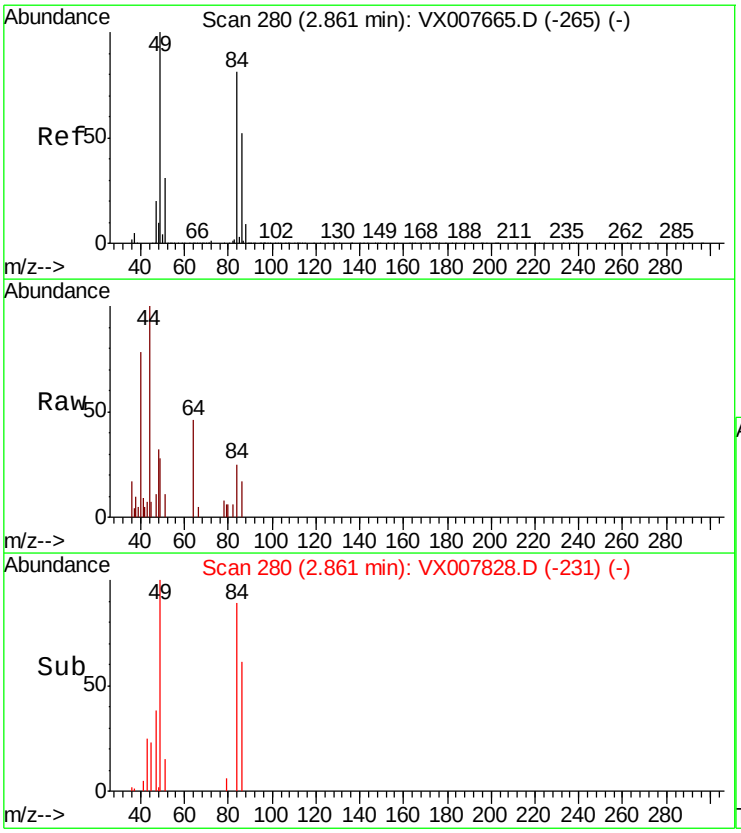

#18
Methyl Acetate
Concen: 0.204 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

**Instrument :** MSVOA_X
**ClientSampleId :** VX0305WBL01

Tgt Ion: 43 Resp: 811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 21.5 | 19.4 | 29.2 |

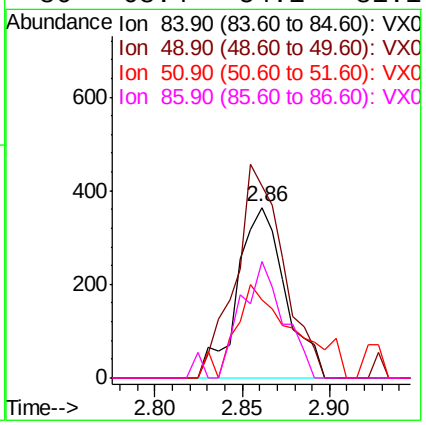


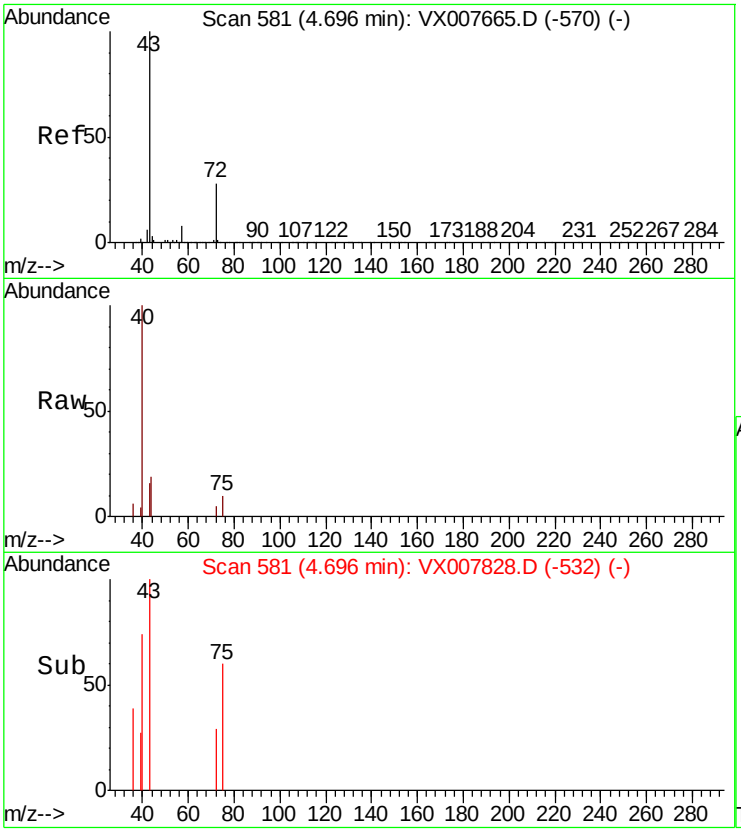




#20
Methylene Chloride
Concen: 0.208 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

Tgt Ion: 84 Resp: 700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 112.9 | 94.8 | 142.2 |
| 51 | 45.6 | 29.8 | 44.8# |
| 86 | 68.4 | 54.1 | 81.1 |



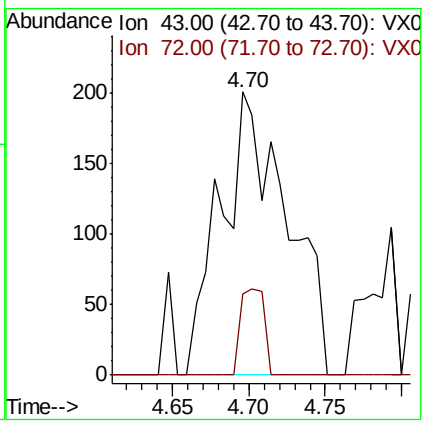


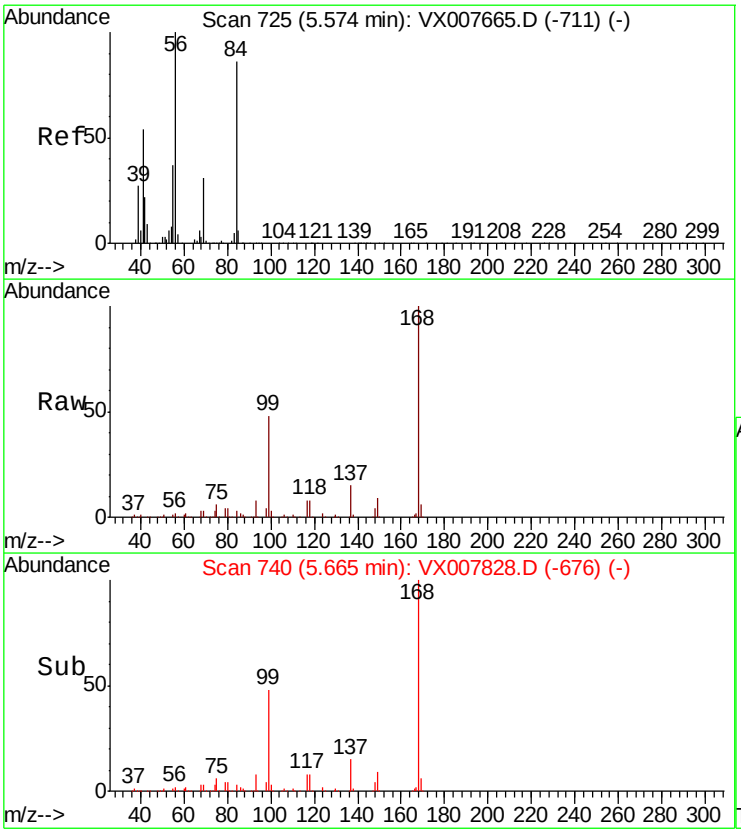

#25
2-Butanone
Concen: 0.220 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.00 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

**Instrument :** MSVOA_X
**ClientSampleId :** VX0305WBL01

Tgt Ion: 43 Resp: 610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 28.9 | 22.2 | 33.2 |

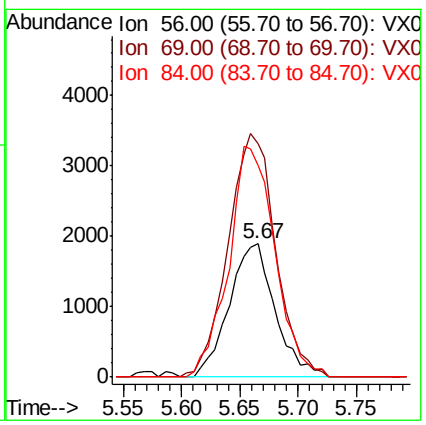


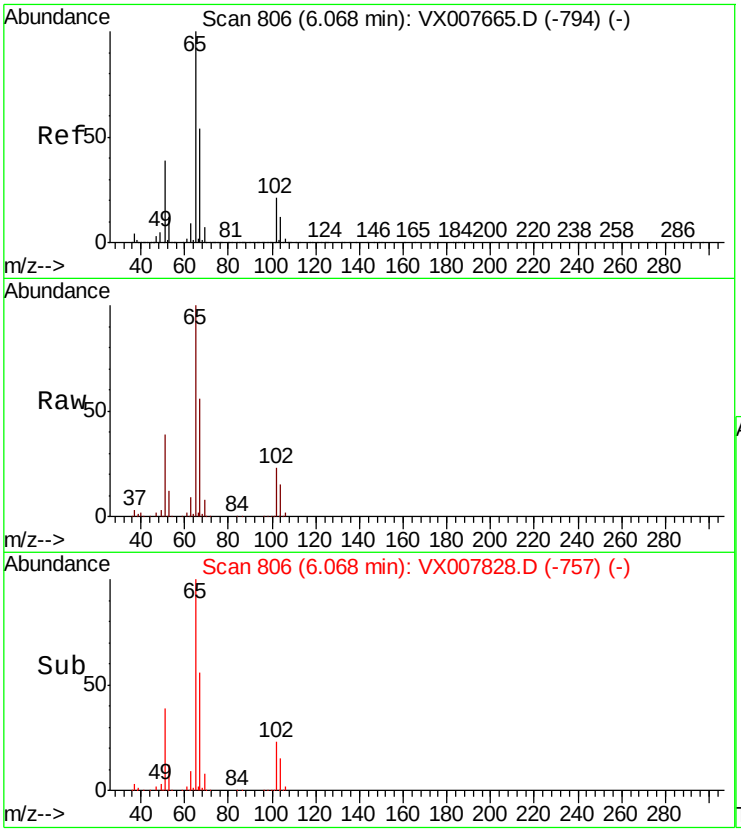




#31
Cyclohexane
Concen: 0.916 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

Tgt Ion: 56 Resp: 5207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 175.5 | 23.0 | 34.6# |
| 84 | 158.6 | 69.8 | 104.6# |



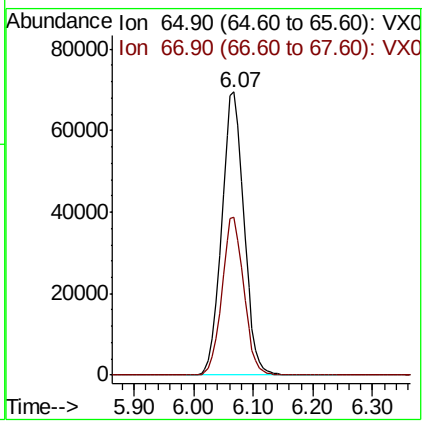


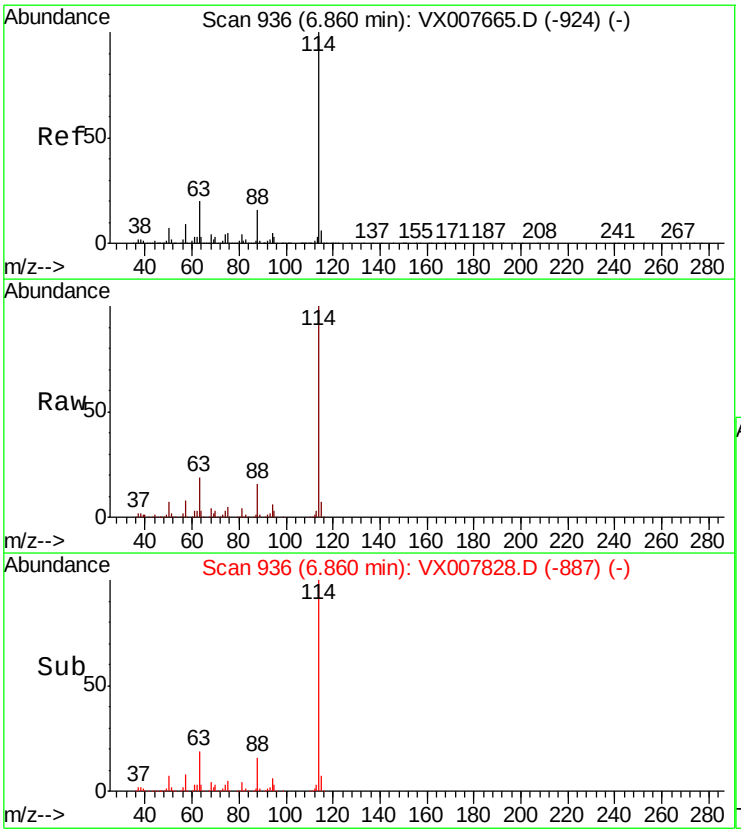

#33
1,2-Dichloroethane-d4
Concen: 44.144 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

**Instrument :** MSVOA_X
**ClientSampleId :** VX0305WBL01

Tgt Ion: 65 Resp: 180589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.7 | 0.0 | 108.8 |

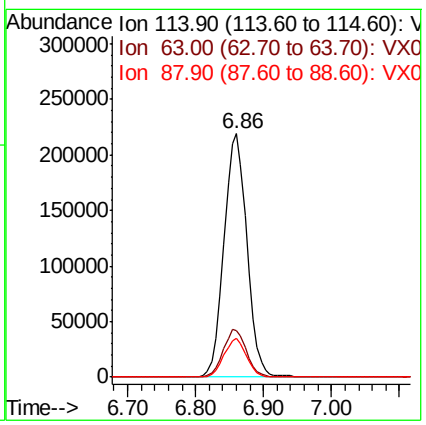


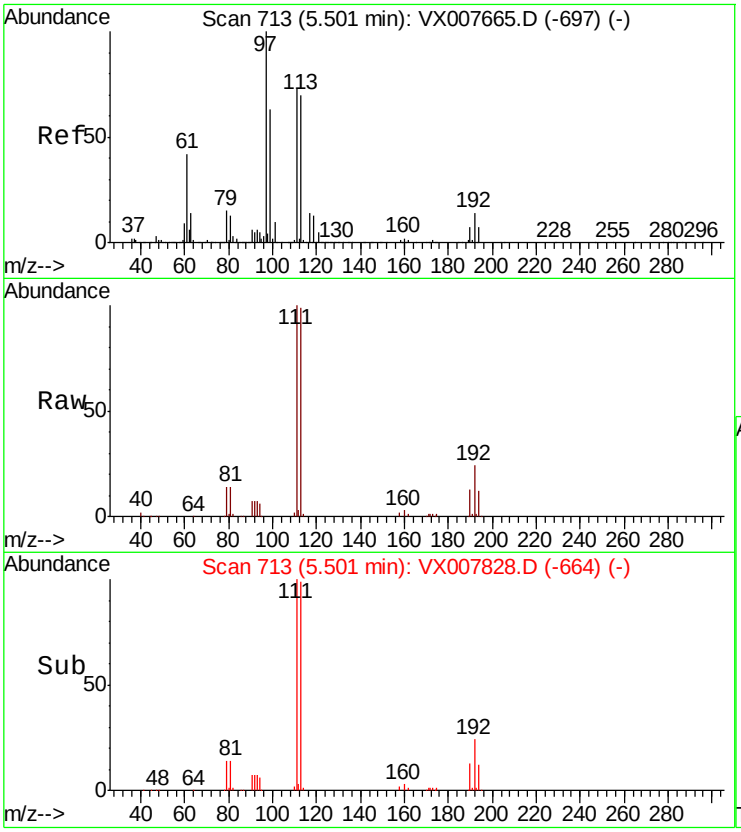




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

Tgt Ion:114 Resp: 511842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.0 | 0.0 | 35.6 |
| 88 | 15.7 | 0.0 | 29.6 |



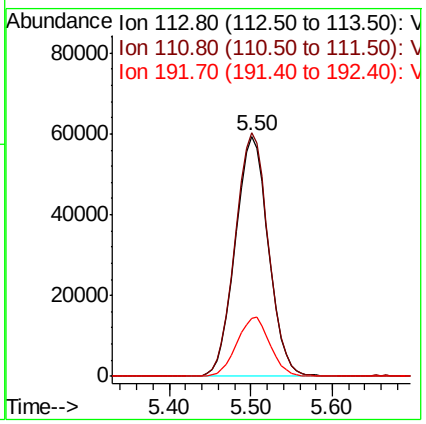


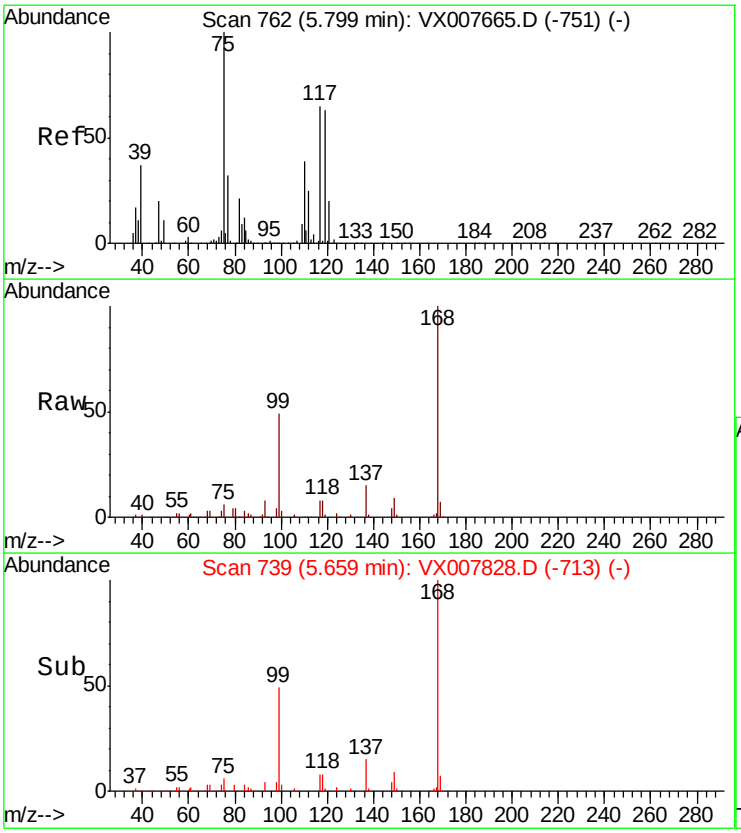

#35
Dibromofluoromethane
Concen: 48.914 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0305WBL01

Tgt Ion:113 Resp: 167358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.1 | 81.8 | 122.8 |
| 192 | 24.5 | 18.5 | 27.7 |

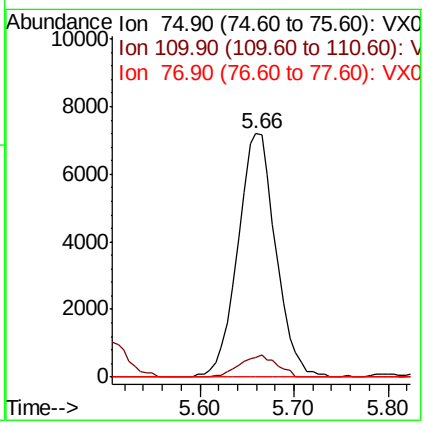


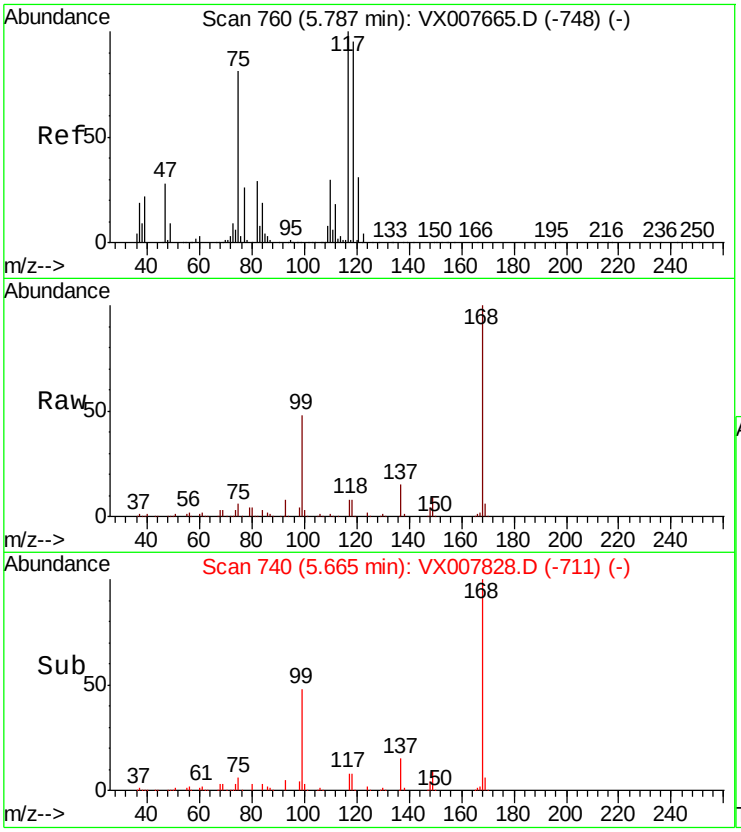




#36
1,1-Dichloropropene
Concen: 4.420 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

Tgt Ion: 75 Resp: 20340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 8.8 | 20.0 | 59.9# |
| 77 | 0.0 | 24.7 | 37.1# |



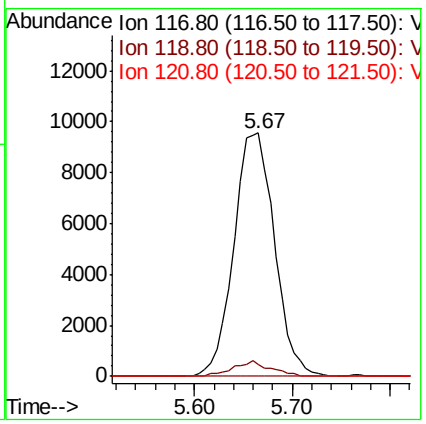


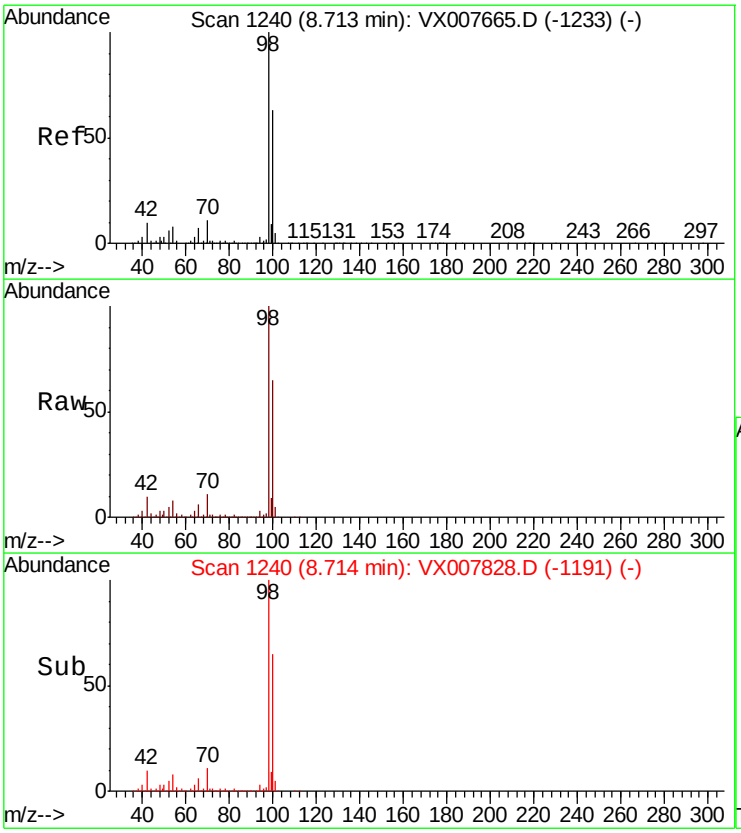

#38
Carbon Tetrachloride
Concen: 5.977 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

**Instrument :** MSVOA_X
**ClientSampleId :** VX0305WBL01

Tgt Ion:117 Resp: 27627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.1 | 75.3 | 112.9# |
| 121 | 0.0 | 25.0 | 37.4# |

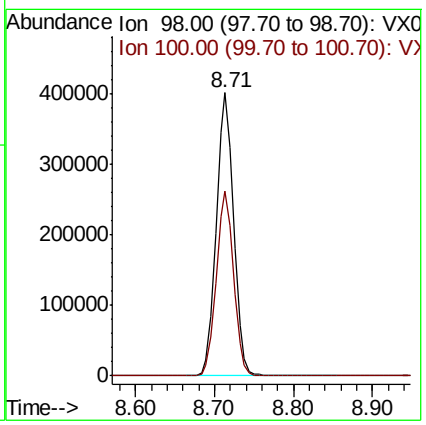


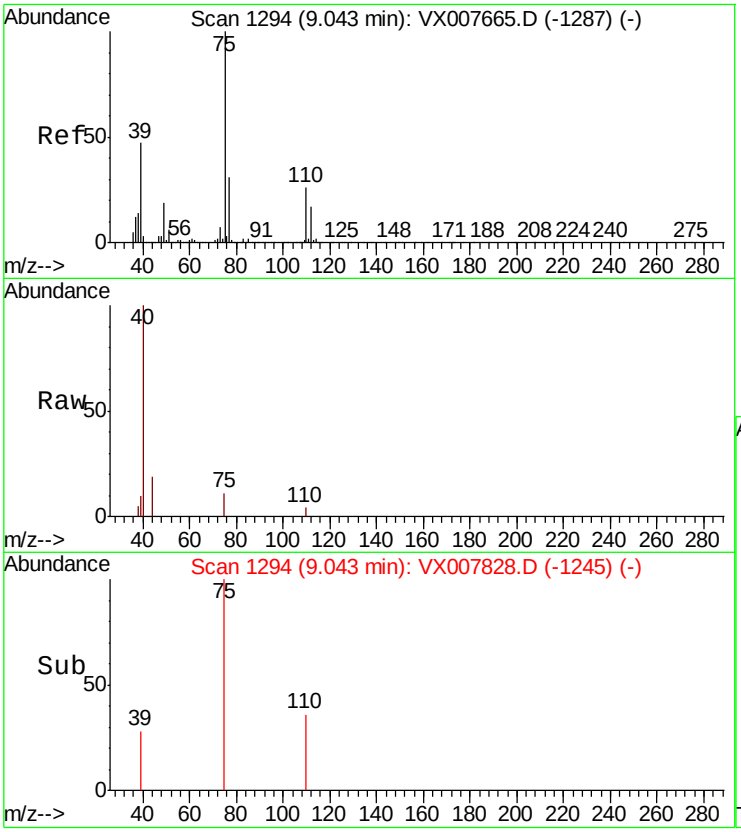




#50
Toluene-d8
Concen: 46.943 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

Tgt Ion: 98 Resp: 614894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.2 | 51.6 | 77.4 |



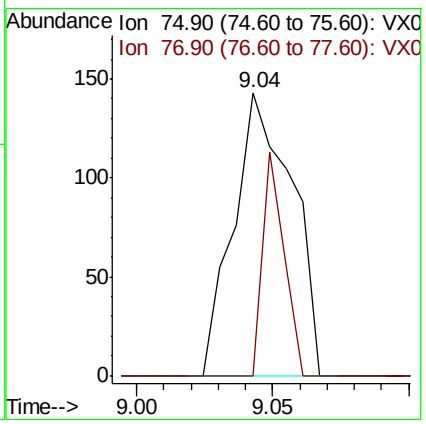


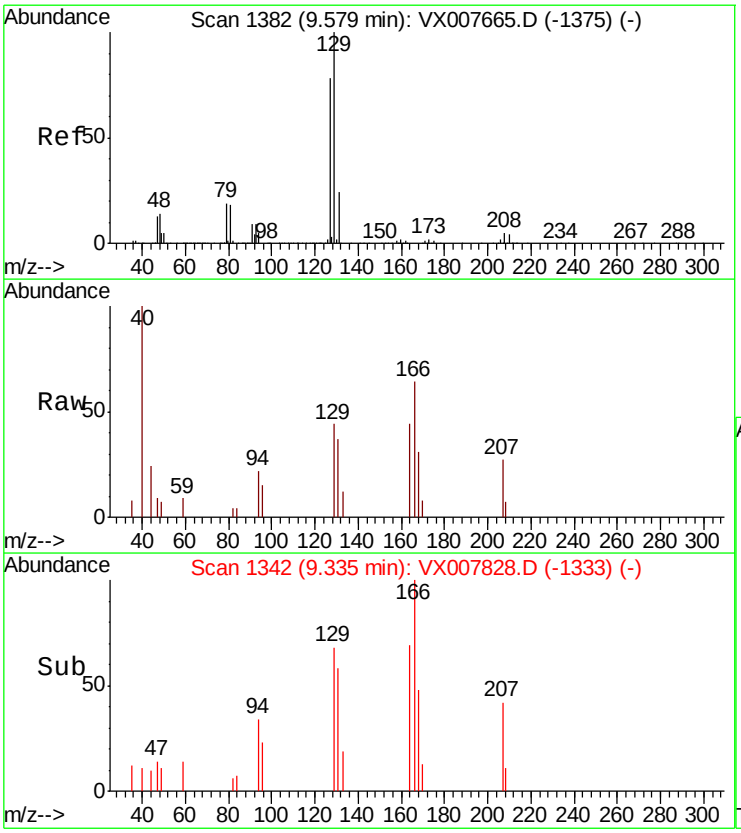

#53
t-1,3-Dichloropropene
Concen: 2.839 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

**Instrument :** MSVOA_X
**ClientSampleId :** VX0305WBL01

Tgt Ion: 75 Resp: 213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.0 | 25.2 | 37.8# |

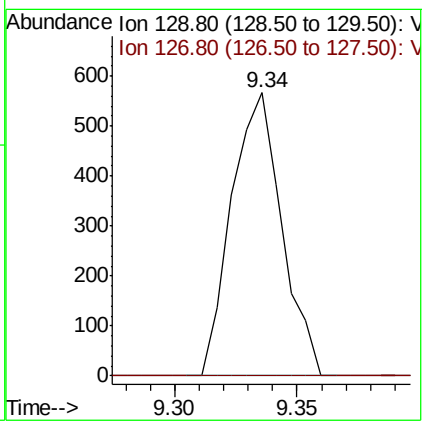


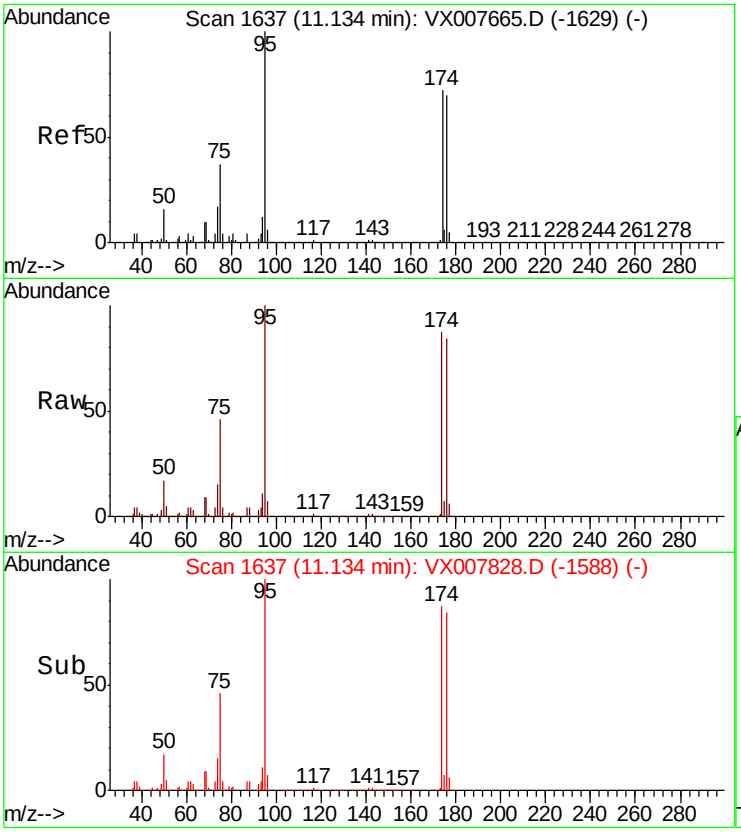




#60
Dibromochloromethane
Concen: 0.226 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

Tgt Ion:129 Resp: 811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 37.8 | 113.4# |



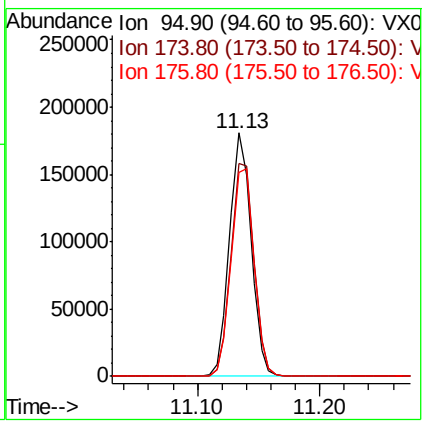


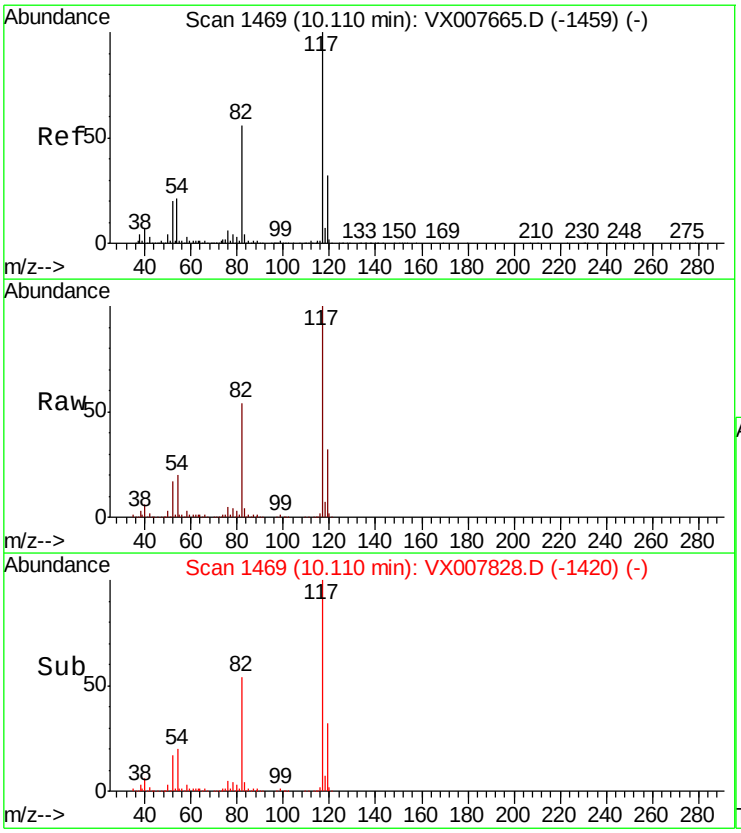

#62
4-Bromofluorobenzene
Concen: 46.013 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

**Instrument :** MSVOA_X
**ClientSampleId :** VX0305WBL01

Tgt Ion: 95 Resp: 221217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 93.0 | 0.0 | 189.2 |
| 176 | 90.2 | 0.0 | 186.2 |

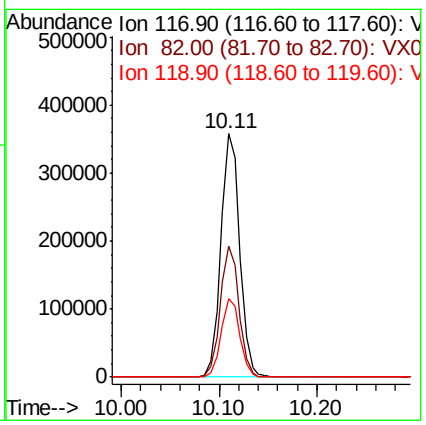


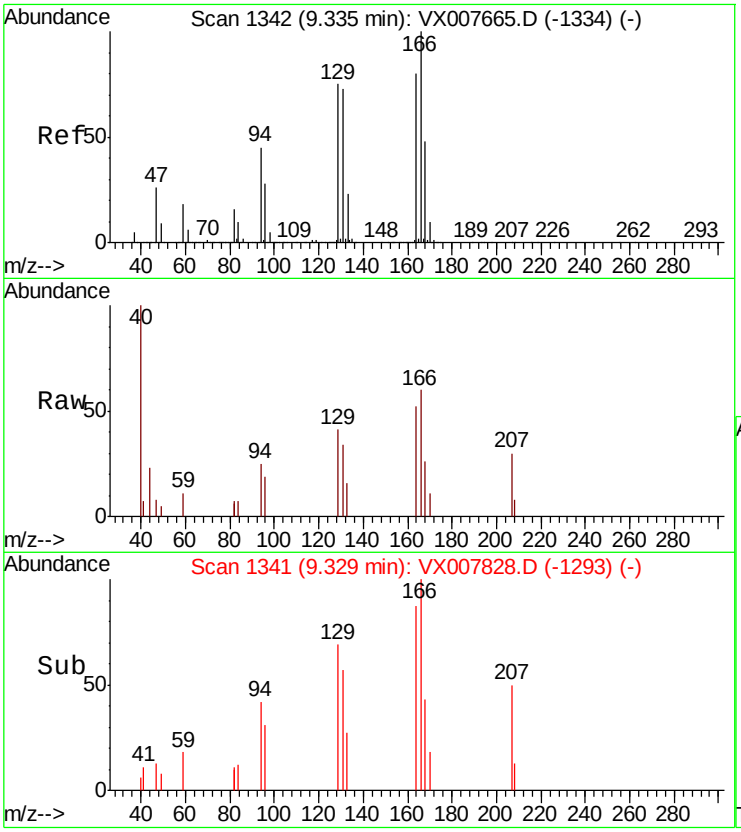




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

Tgt Ion:117 Resp: 476680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.9 | 42.1 | 63.1 |
| 119 | 32.0 | 26.5 | 39.7 |



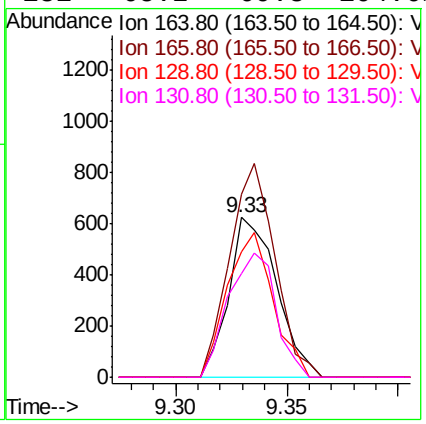


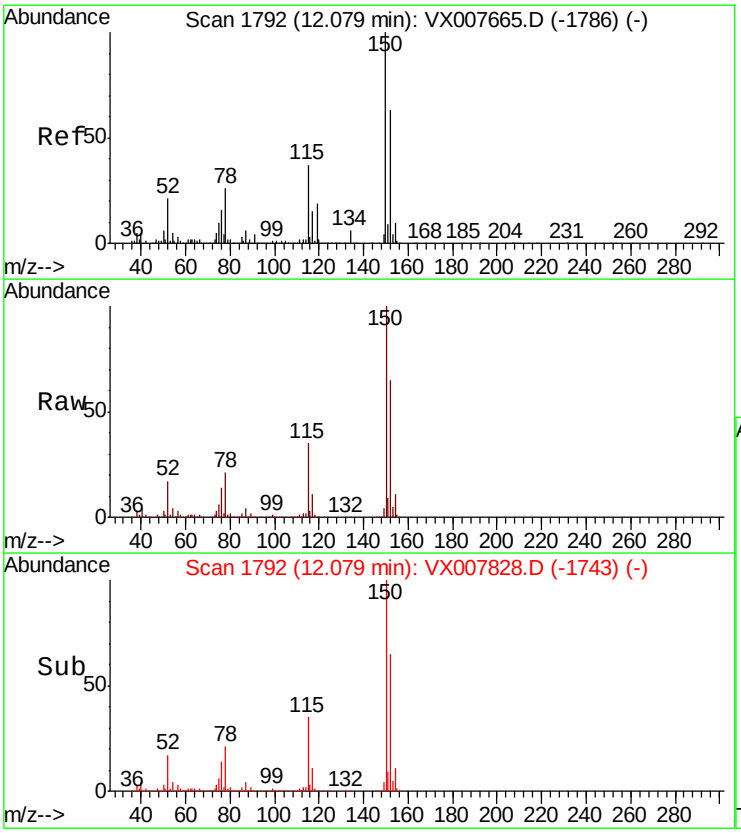

#64
Tetrachloroethene
Concen: 0.242 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

**Instrument :** MSVOA_X
**ClientSampleId :** VX0305WBL01

Tgt Ion:164 Resp: 935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 114.9 | 101.0 | 151.4 |
| 129 | 79.0 | 70.5 | 105.7 |
| 131 | 65.2 | 69.8 | 104.6# |

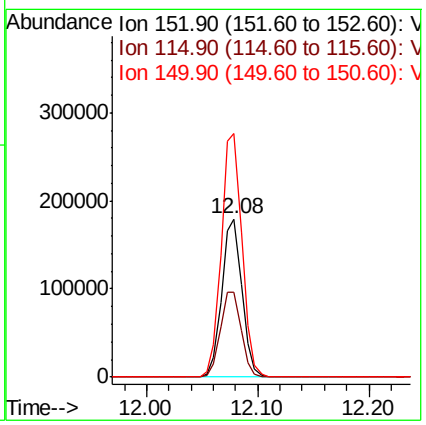


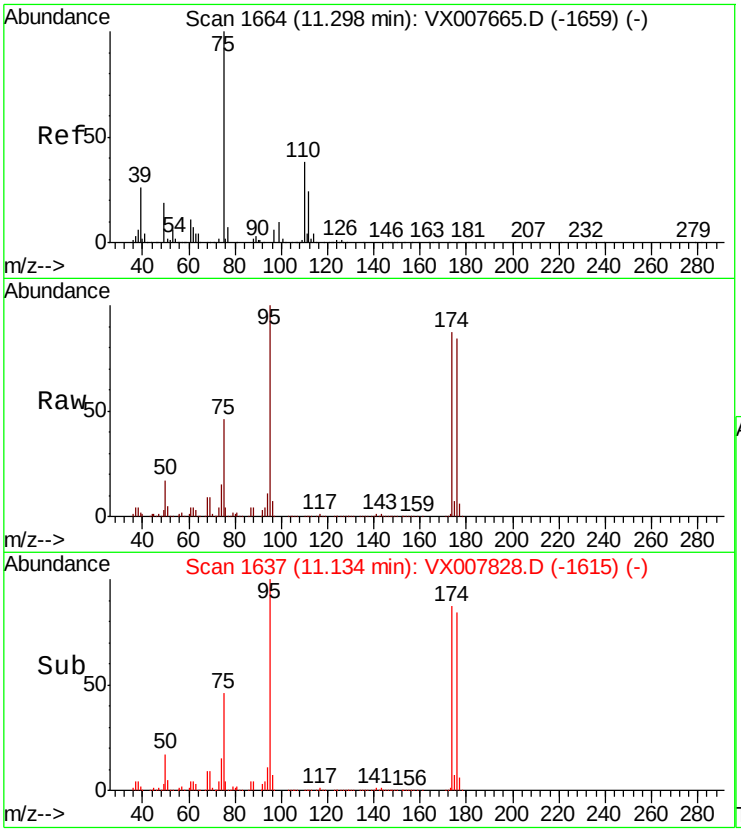




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

Tgt Ion:152 Resp: 224930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 55.8 | 38.0 | 114.0 |
| 150 | 157.6 | 0.0 | 346.4 |



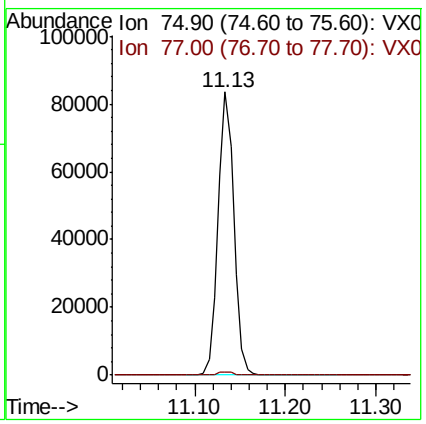


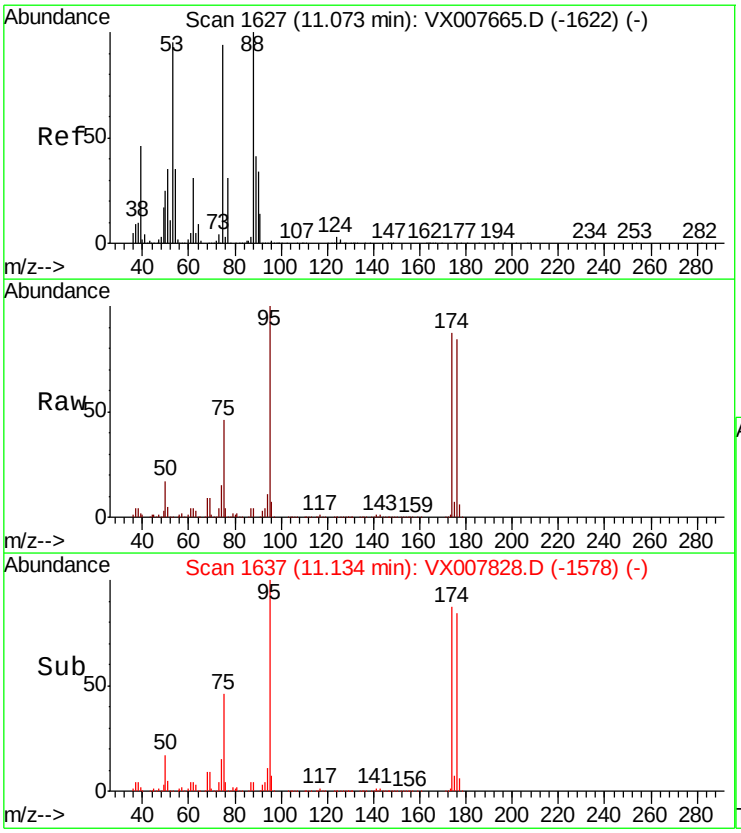

#76
1,2,3-Trichloropropane
Concen: 21.348 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0305WBL01

Tgt Ion: 75 Resp: 102353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.1 | 23.0 | 69.0# |




#81
trans-1,4-Dichloro-2-butene
Concen: 56.773 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007828.D
Acq: 05 Mar 2019 11:05

Tgt Ion: 75 Resp: 102353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 81.0 | 121.6# |
| 89 | 0.0 | 41.4 | 62.0# |