Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102418\
Data File : VX005552.D
Acq On : 24 Oct 2018 20:06
Operator : JC/MD
Sample : J5655-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** S37-0008

Quant Time: Oct 25 04:56:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 13:13:34 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.65 | 168 | 216259 | 50.00 | ug/l | -0.01 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 309809 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 283043 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 134231 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 133487 | 50.57 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.14% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 103242 | 49.22 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.44% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 378007 | 50.15 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.30% | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 125276 | 44.01 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 88.02% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Bromomethane | 1.64 | 94 | 486 | 0.292 | ug/l # | 45 |
| 10) Methyl Iodide | 2.51 | 142 | 42 | 2.743 | ug/l # | 41 |
| 11) Tert butyl alcohol | 3.02 | 59 | 2072 | 2.917 | ug/l # | 84 |
| 16) Acetone | 2.44 | 43 | 3211 | 2.302 | ug/l # | 83 |
| 18) Methyl Acetate | 2.78 | 43 | 2844 | Below Cal | | 96 |
| 31) Cyclohexane | 5.66 | 56 | 4283 | 1.203 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 5.66 | 75 | 14665 | 4.878 | ug/l # | 51 |
| 38) Carbon Tetrachloride | 5.67 | 117 | 19961 | 6.304 | ug/l # | 15 |
| 76) 1,2,3-Trichloropropane | 11.14 | 75 | 63057 | 23.063 | ug/l # | 37 |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75 | 63057 | 72.446 | ug/l # | 10 |

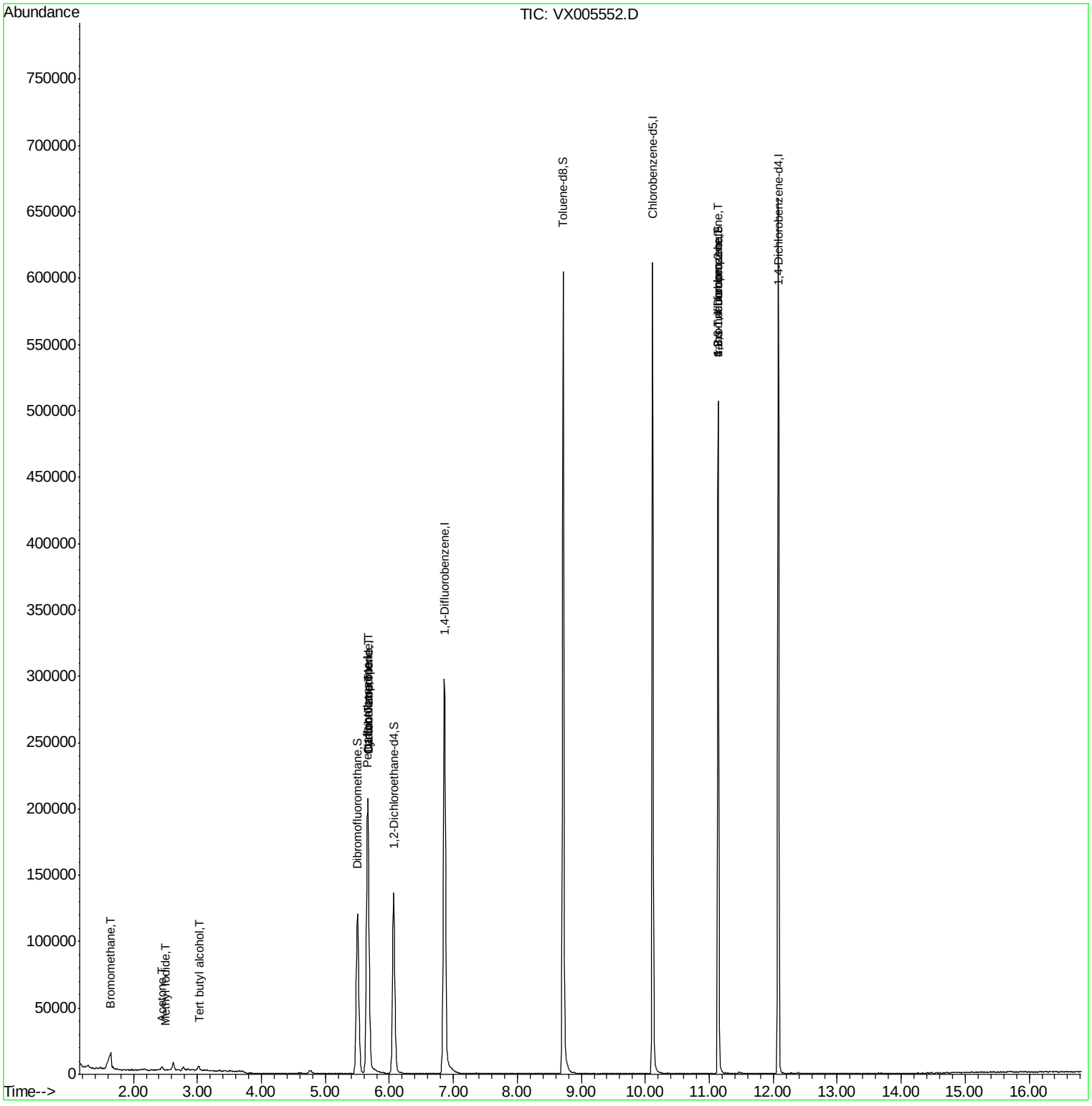
(#) = qualifier out of range (m) = manual integration (+) = signals summed

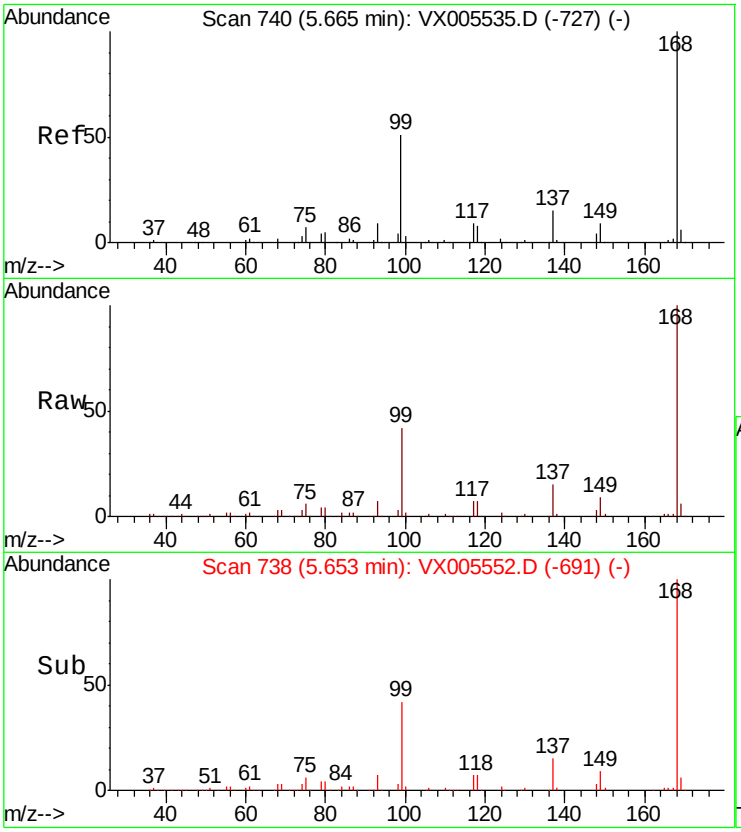
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102418\
Data File : VX005552.D
Acq On : 24 Oct 2018 20:06
Operator : JC/MD
Sample : J5655-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
S37-0008

Quant Time: Oct 25 04:56:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 13:13:34 2018
Response via : Initial Calibration



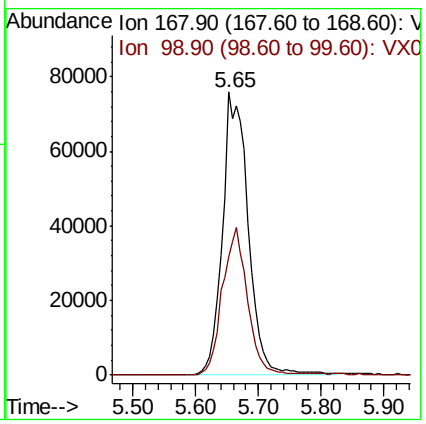


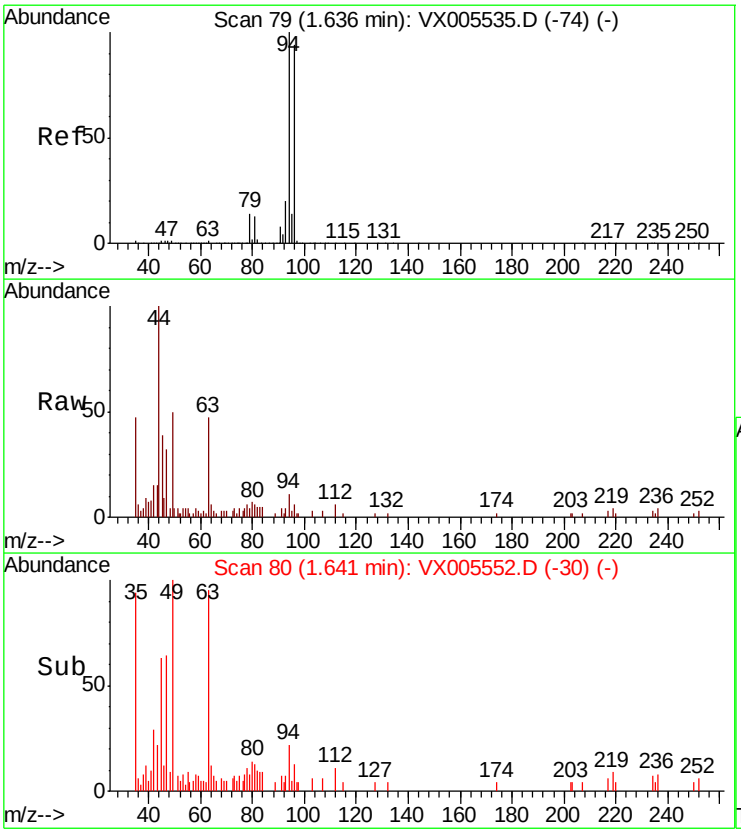

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.01 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

**Instrument :** MSVOA_X
**ClientSampleId :** S37-0008

Tgt Ion:168 Resp: 216259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 41.9 | 39.9 | 59.9 |

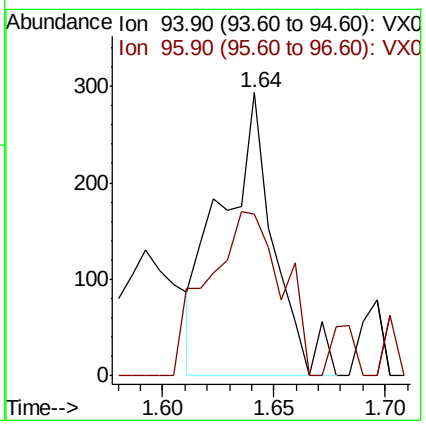


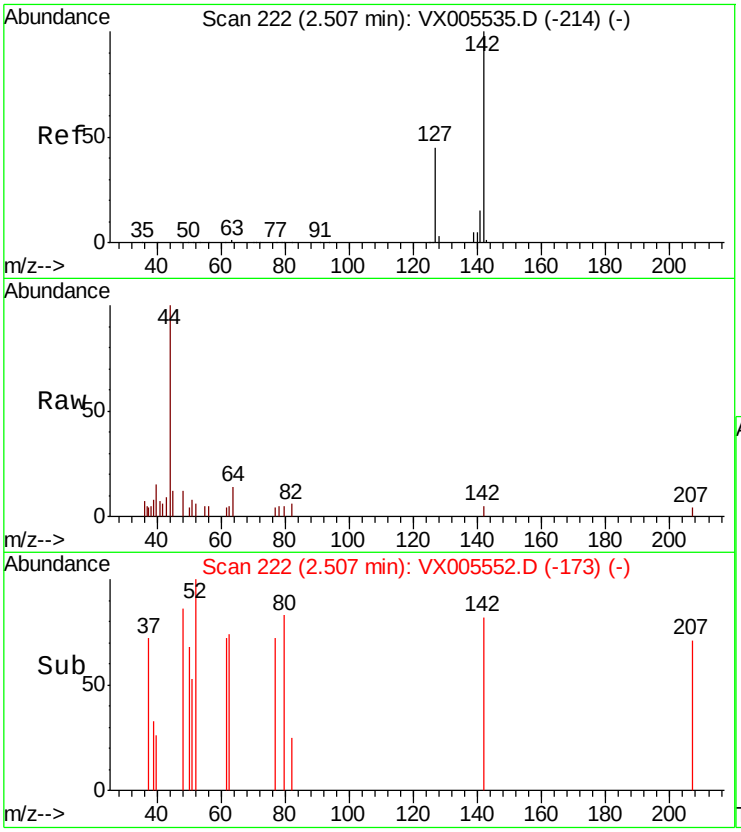




#5
Bromomethane
Concen: 0.292 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

Tgt Ion: 94 Resp: 486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 39.9 | 74.5 | 111.7# |



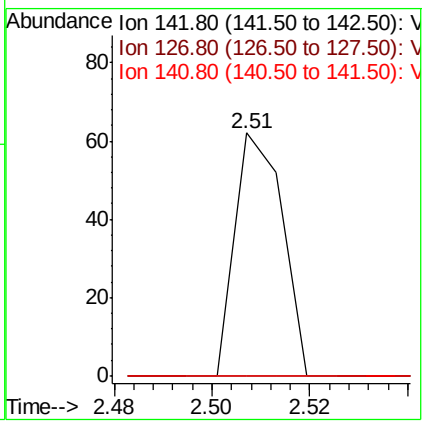


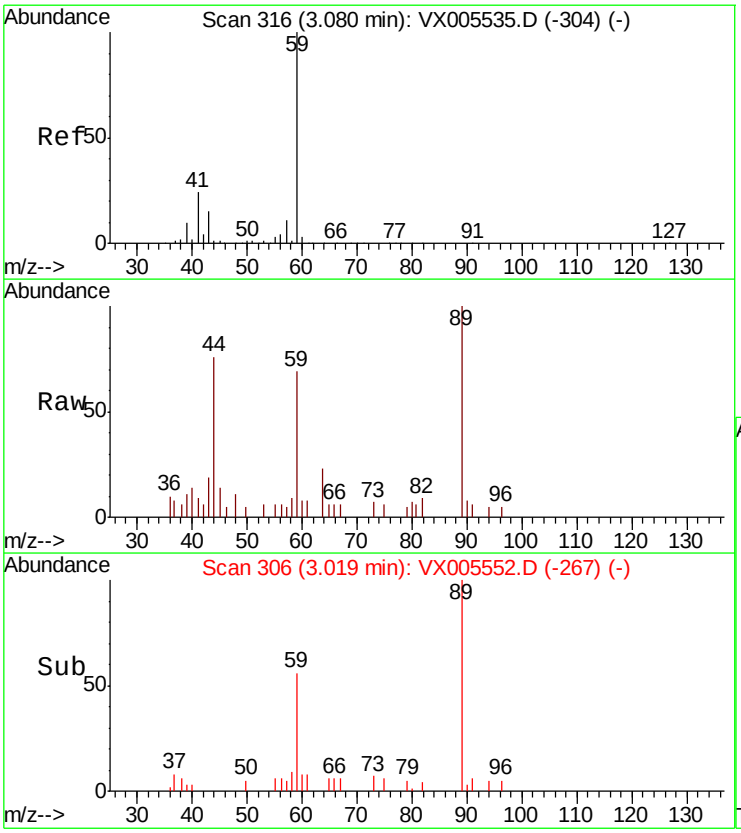

#10
Methyl Iodide
Concen: 2.743 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

**Instrument :** MSVOA_X
**ClientSampleId :** S37-0008

Tgt Ion:142 Resp: 42

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 0.0 | 33.8 | 50.6# |
| 141 | 0.0 | 11.4 | 17.0# |

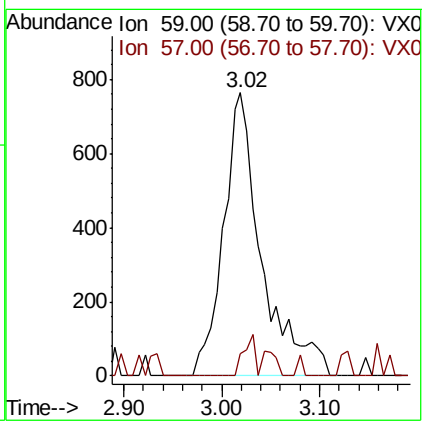


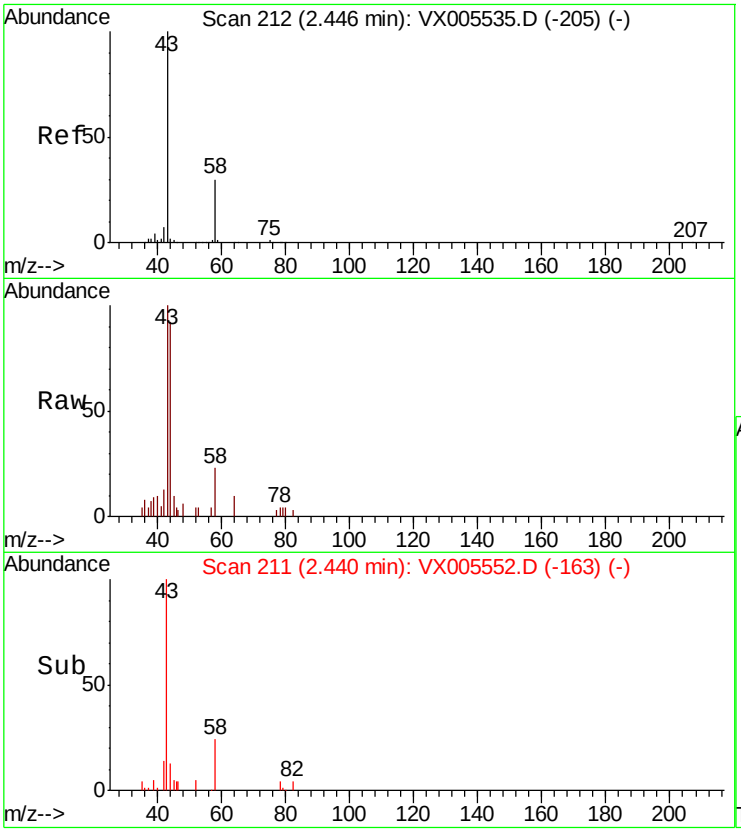




#11
Tert butyl alcohol
Concen: 2.917 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

Tgt Ion: 59 Resp: 2072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 4.3 | 8.2 | 12.4# |



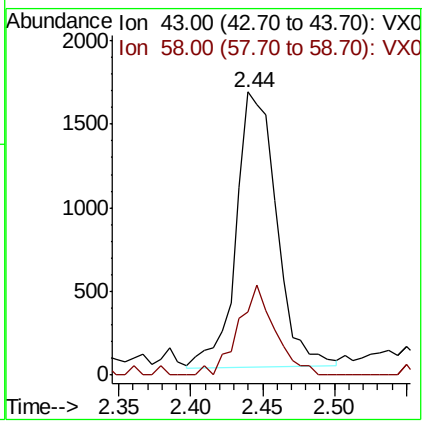


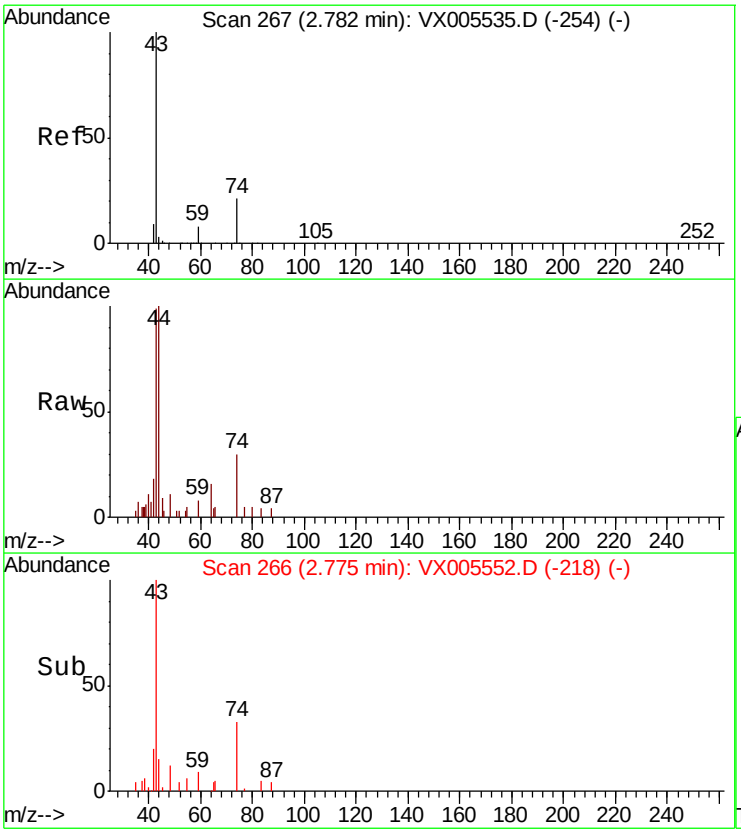

#16
Acetone
Concen: 2.302 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
S37-0008

Tgt Ion: 43 Resp: 3211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 23.3 | 26.2 | 39.4# |

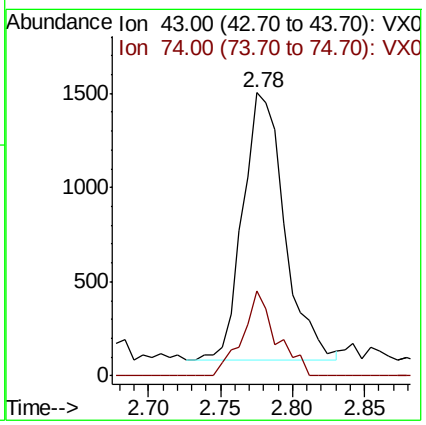


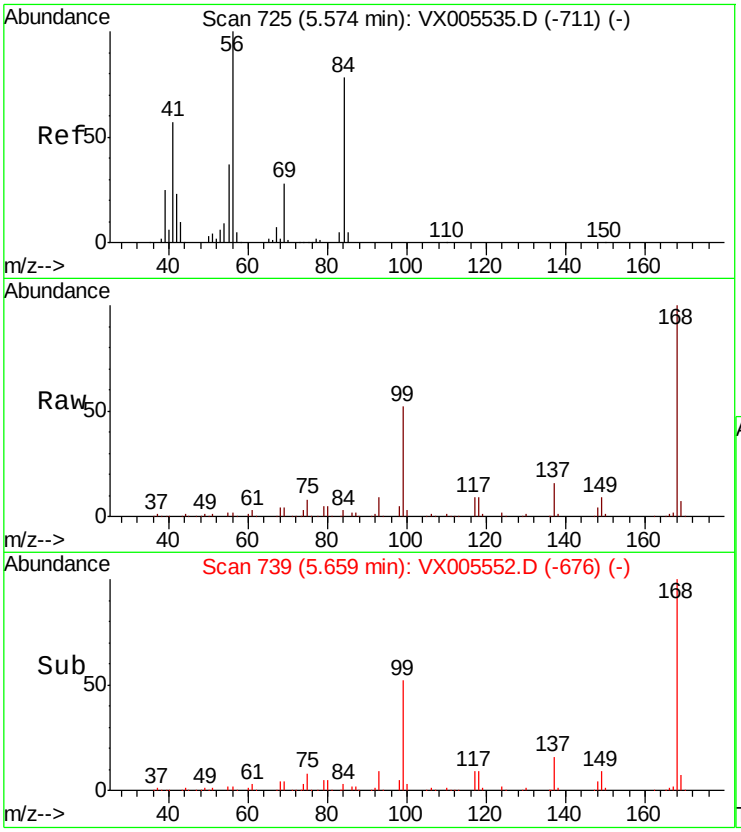




#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

Tgt Ion: 43 Resp: 2844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 26.1 | 19.4 | 29.2 |



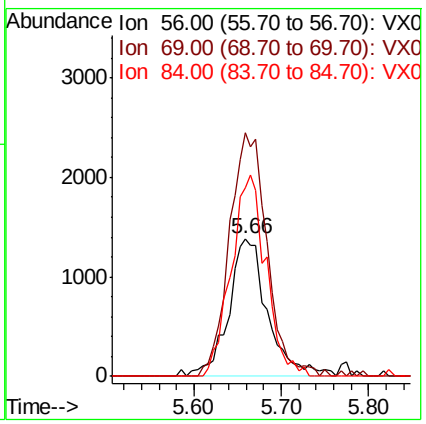


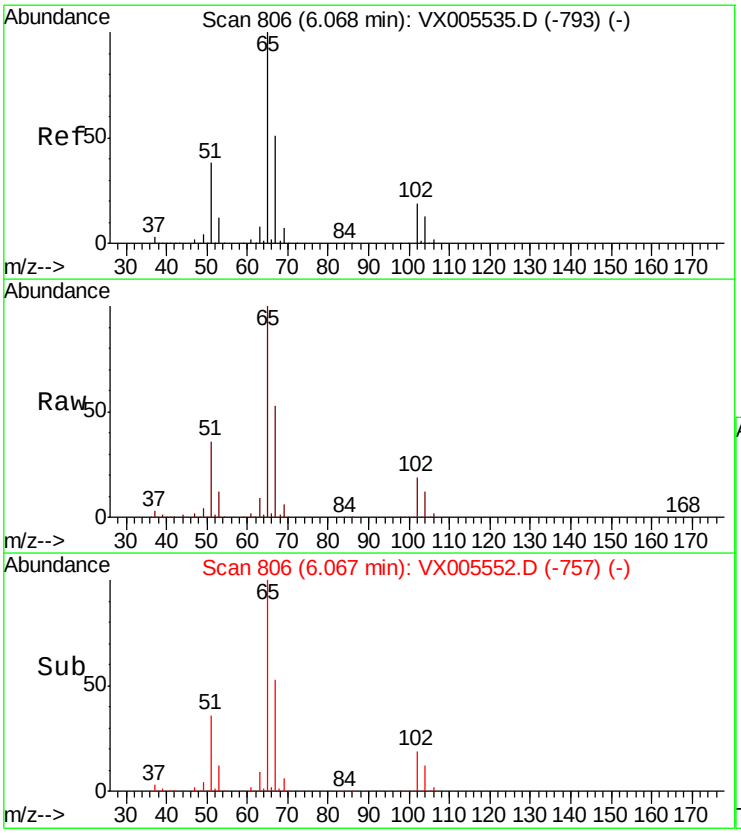

#31
Cyclohexane
Concen: 1.203 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

**Instrument :** MSVOA_X
**ClientSampleId :** S37-0008

Tgt Ion: 56 Resp: 4283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 176.8 | 25.4 | 38.2# |
| 84 | 136.7 | 71.4 | 107.2# |

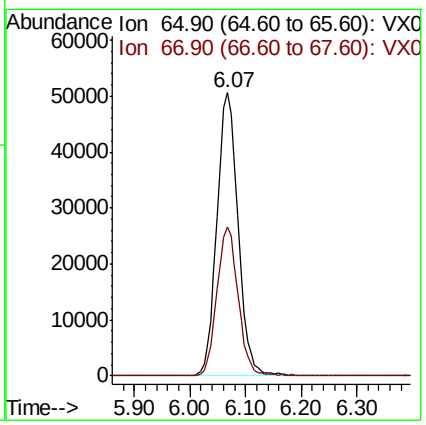


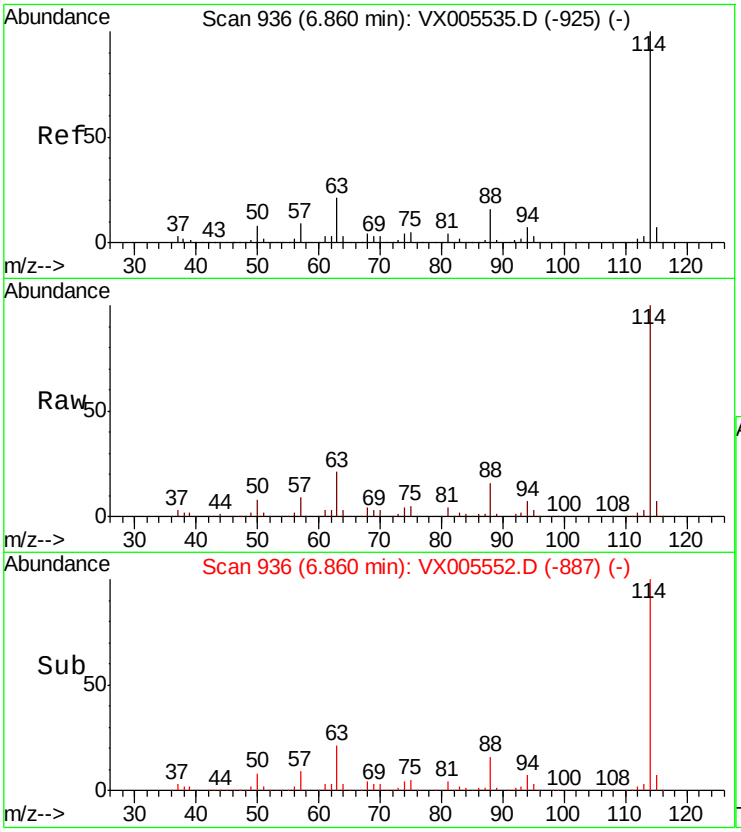




#33
1,2-Dichloroethane-d4
Concen: 50.566 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

Tgt Ion: 65 Resp: 133487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.6 | 0.0 | 106.8 |



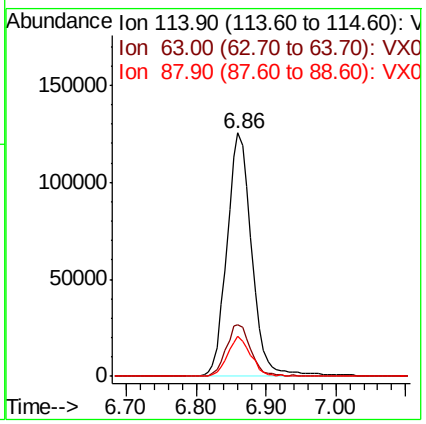


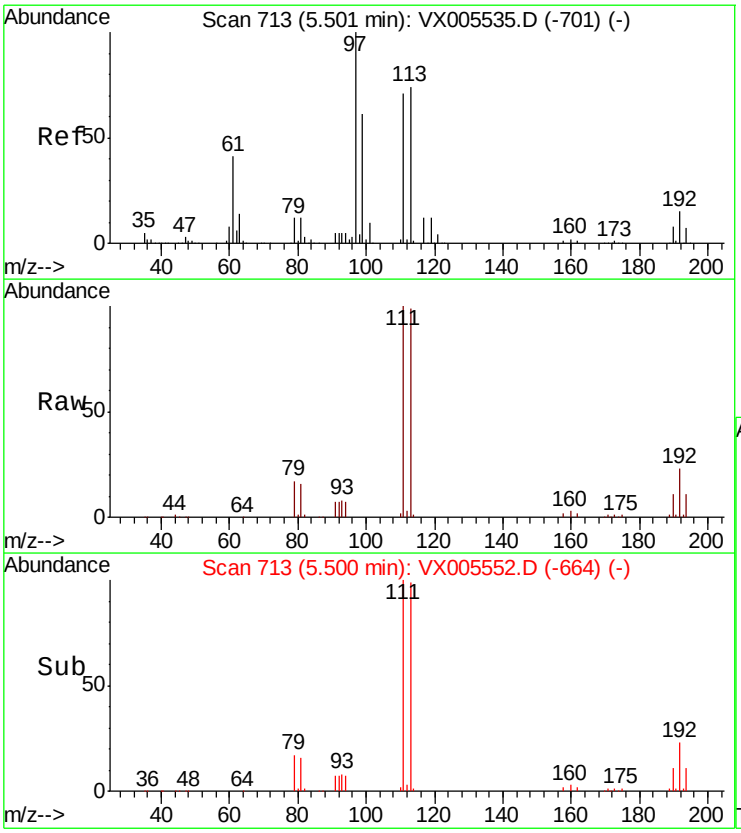

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
S37-0008

Tgt Ion:114 Resp: 309809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.4 | 0.0 | 39.0 |
| 88 | 16.3 | 0.0 | 30.4 |

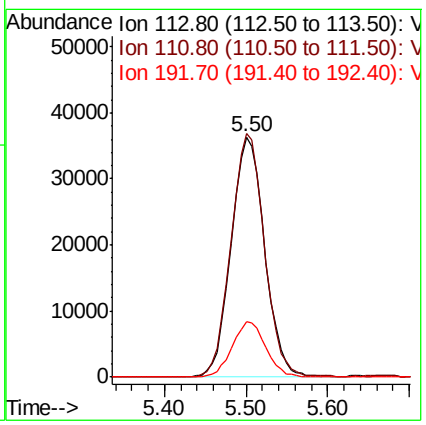


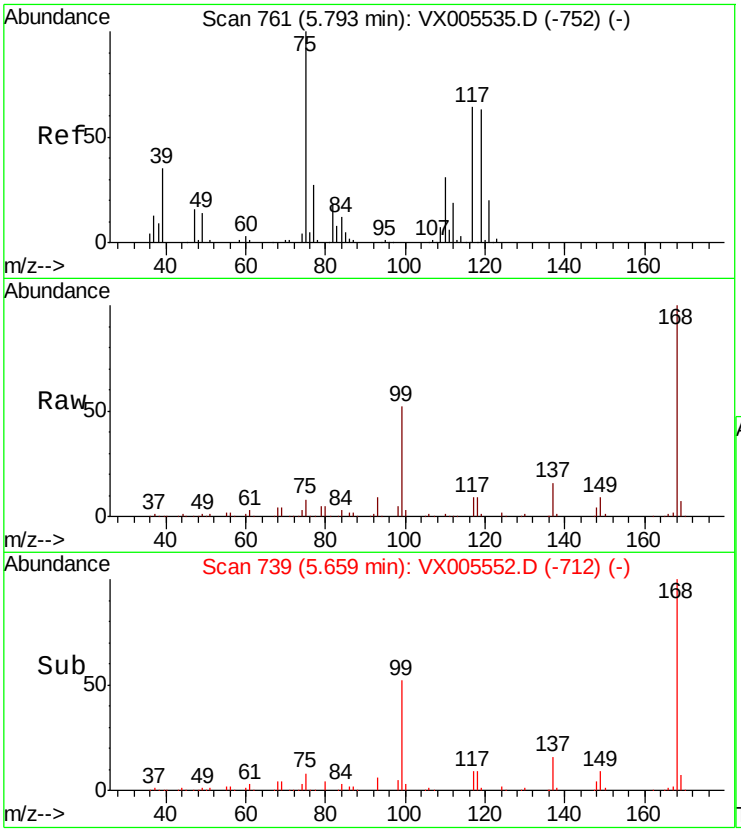




#35
Dibromofluoromethane
Concen: 49.215 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

Tgt Ion:113 Resp: 103242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.3 | 82.4 | 123.6 |
| 192 | 23.0 | 19.4 | 29.2 |



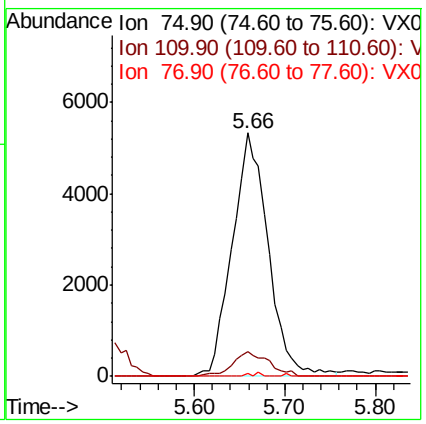


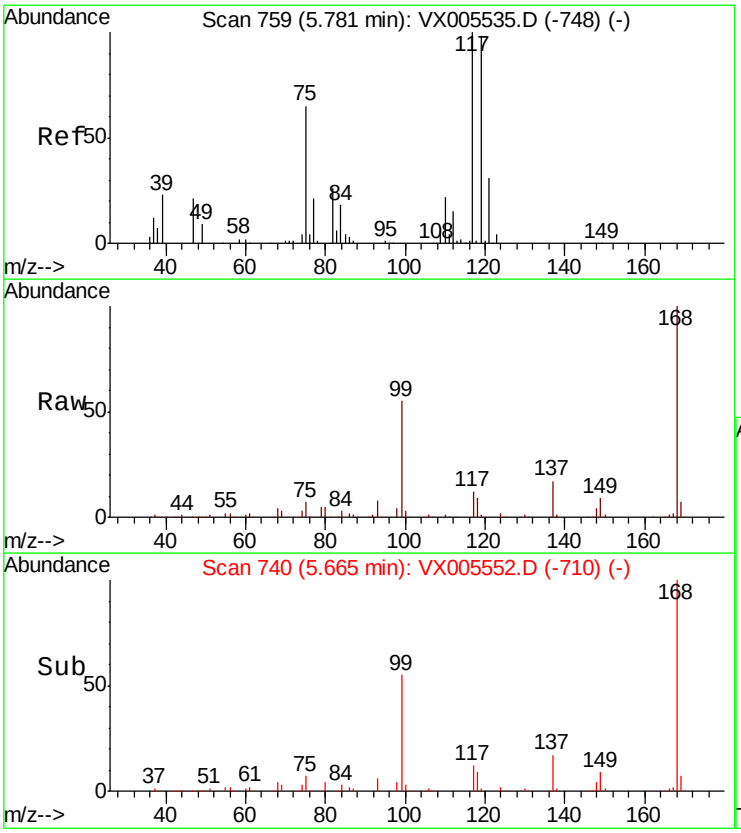

#36
1,1-Dichloropropene
Concen: 4.878 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
S37-0008

Tgt Ion: 75 Resp: 14665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 10.1 | 18.0 | 54.0# |
| 77 | 0.4 | 24.6 | 36.8# |

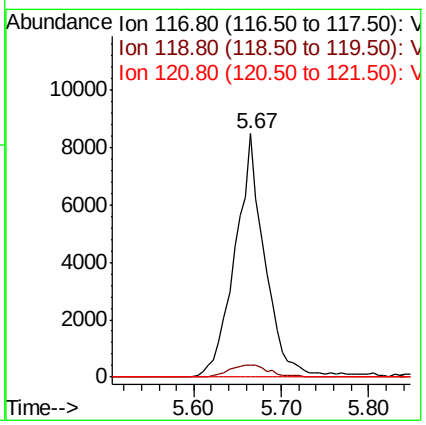


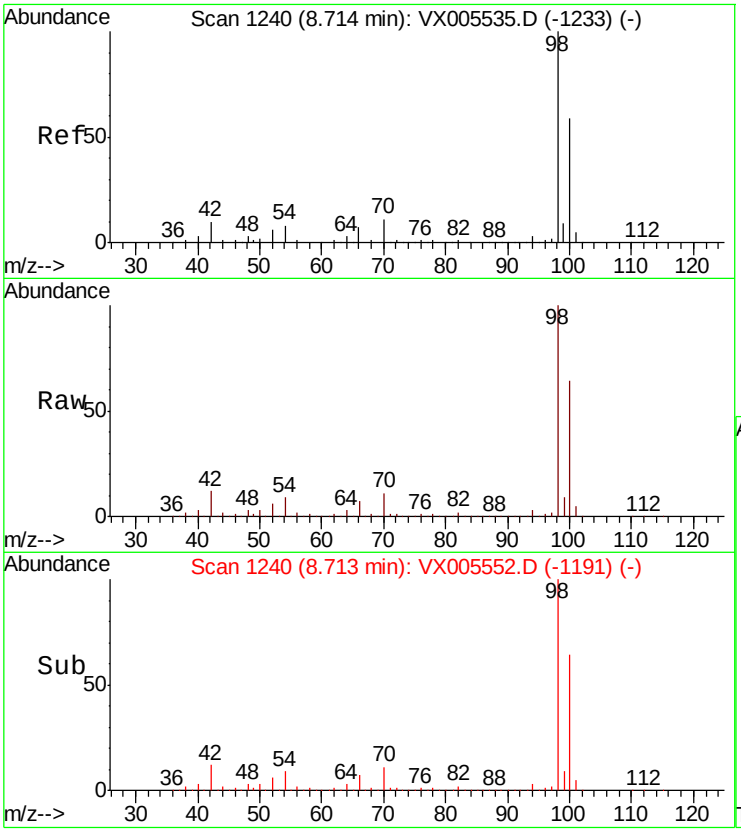




#38
Carbon Tetrachloride
Concen: 6.304 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

Tgt Ion:117 Resp: 19961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.1 | 78.8 | 118.2# |
| 121 | 0.0 | 24.9 | 37.3# |



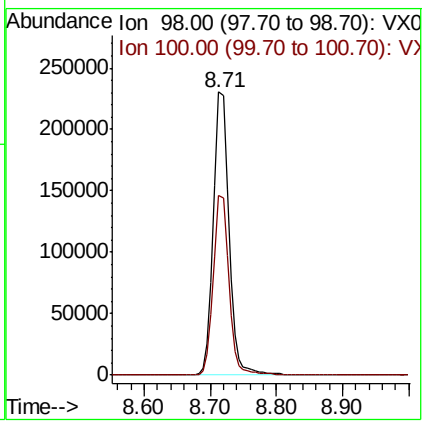


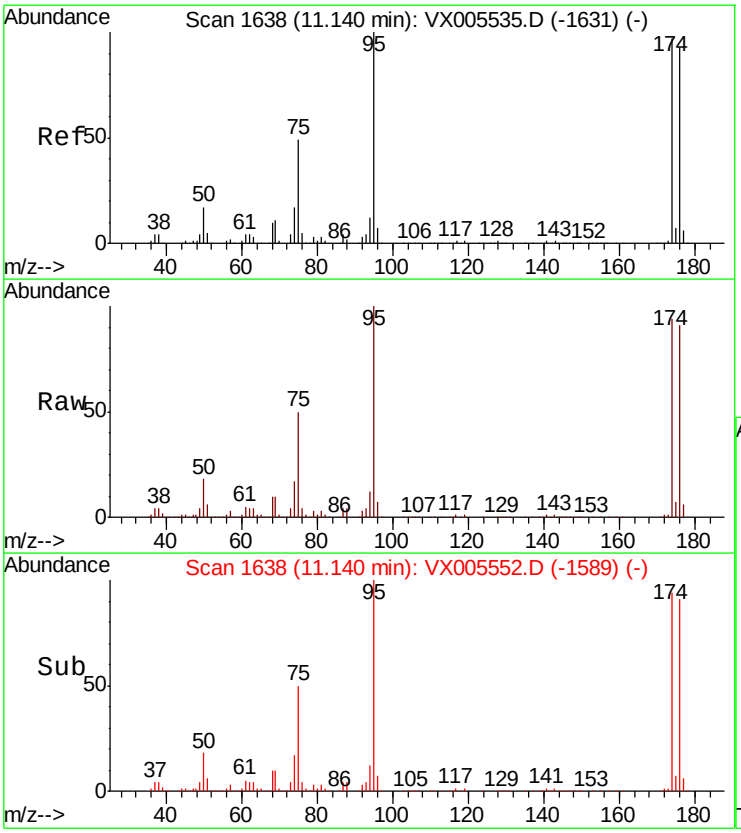

#50
Toluene-d8
Concen: 50.149 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

**Instrument :** MSVOA_X
**ClientSampleId :** S37-0008

Tgt Ion: 98 Resp: 378007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.4 | 52.9 | 79.3 |

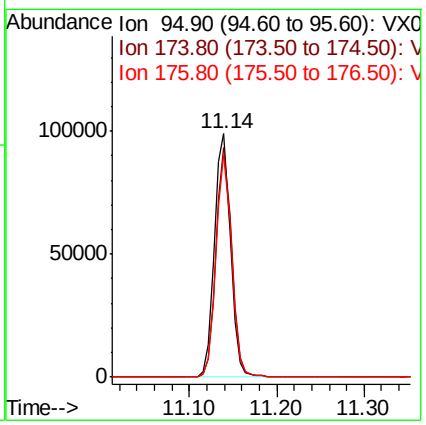


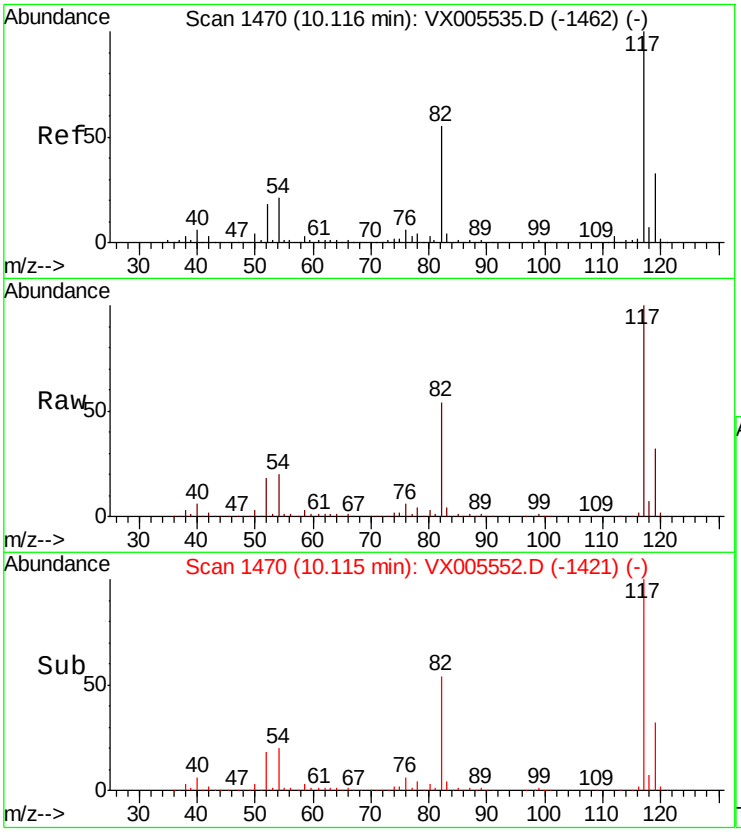




#62
4-Bromofluorobenzene
Concen: 44.009 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

Tgt Ion: 95 Resp: 125276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 91.9 | 0.0 | 185.2 |
| 176 | 88.7 | 0.0 | 178.6 |



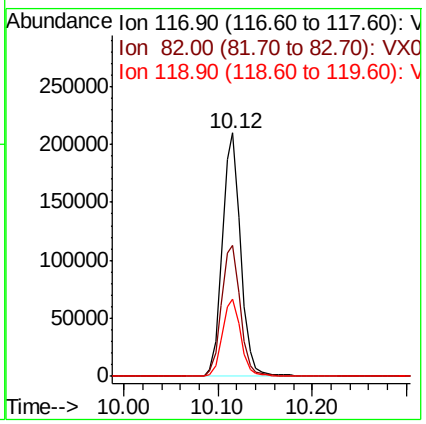


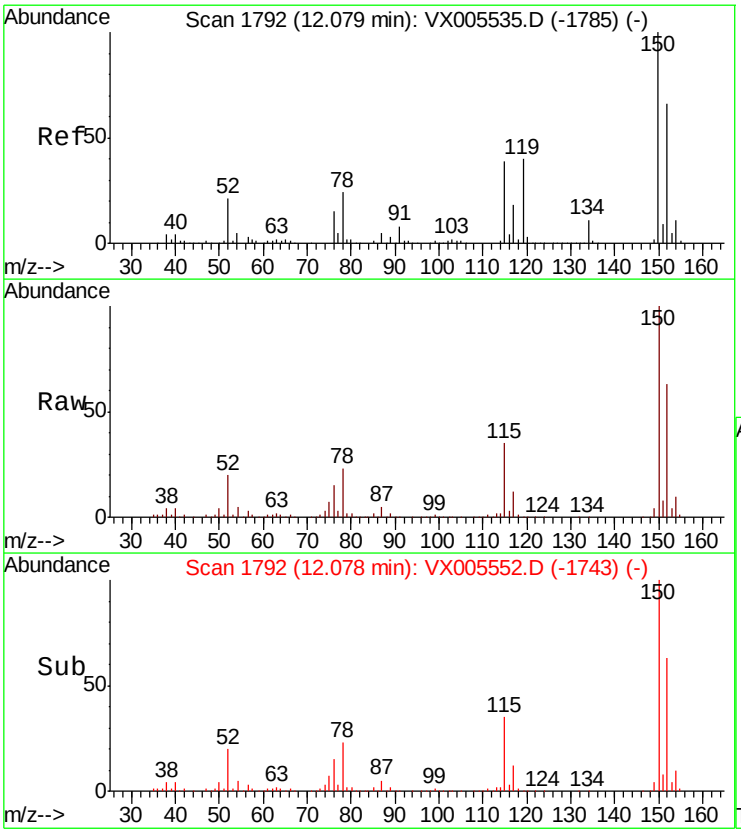

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

**Instrument :** MSVOA_X
**ClientSampleId :** S37-0008

Tgt Ion:117 Resp: 283043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.6 | 47.8 | 71.6 |
| 119 | 31.9 | 29.3 | 43.9 |

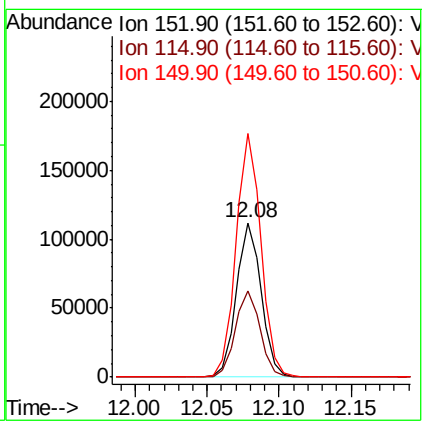


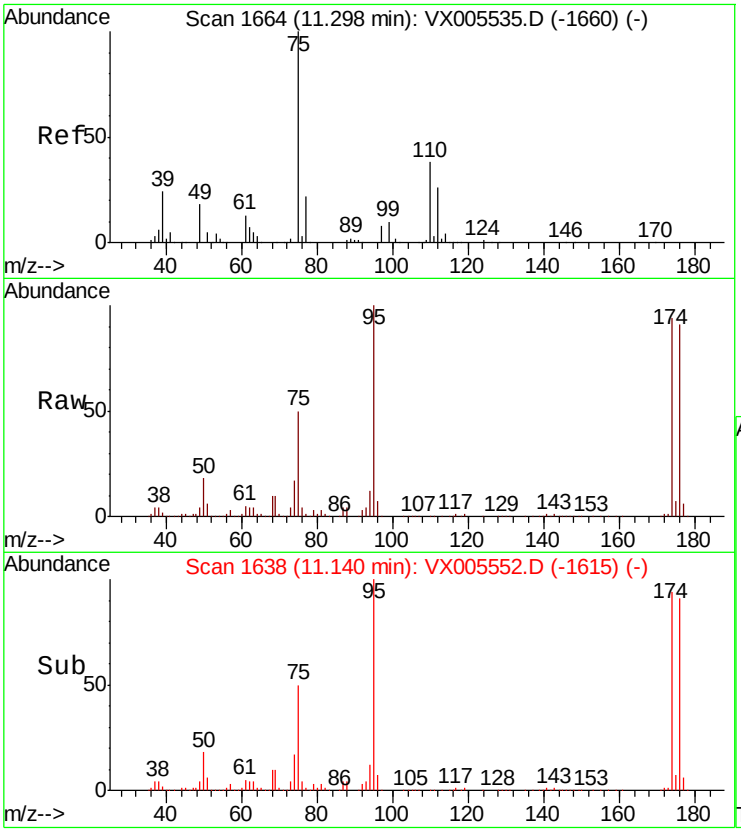




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

Tgt Ion:152 Resp: 134231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 56.0 | 39.0 | 117.0 |
| 150 | 158.0 | 0.0 | 351.0 |



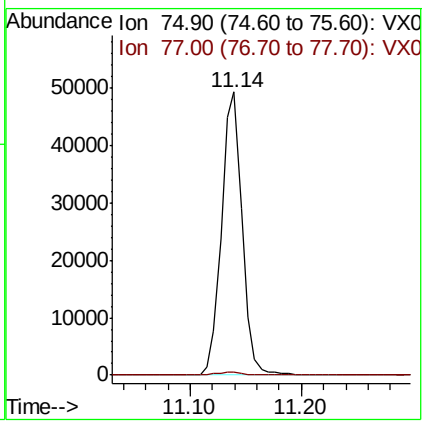


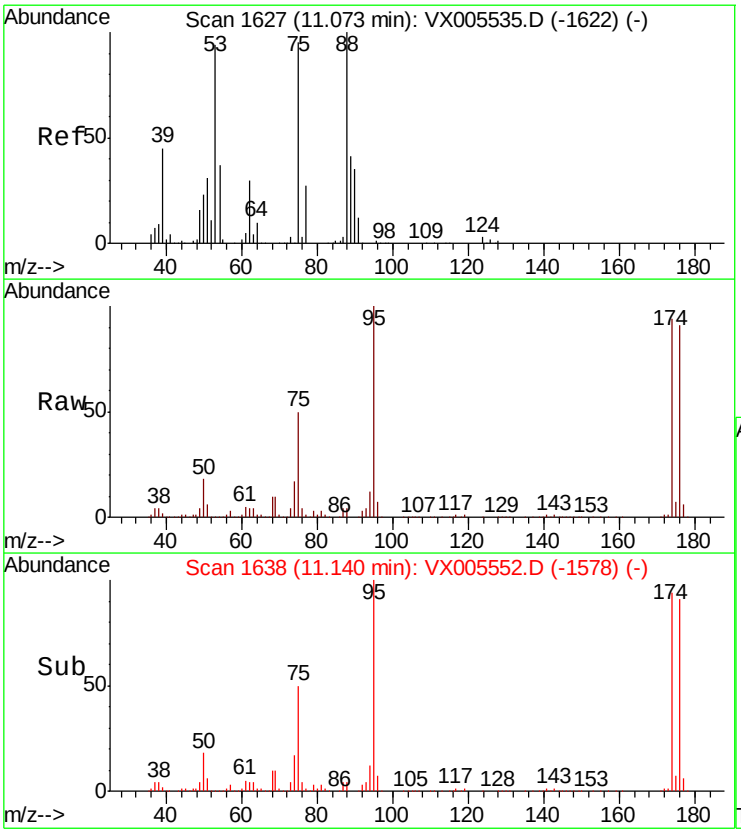

#76
1,2,3-Trichloropropane
Concen: 23.063 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
S37-0008

Tgt Ion: 75 Resp: 63057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.2 | 20.2 | 60.6# |




#81
trans-1,4-Dichloro-2-butene
Concen: 72.446 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

Tgt Ion: 75 Resp: 63057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.3 | 80.1 | 120.1# |
| 89 | 0.0 | 37.2 | 55.8# |