Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092419\
Data File : VX012639.D
Acq On : 24 Sep 2019 17:40
Operator : JC/SP
Sample : K5019-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** QNWP8-EQUIP.BLANK

Quant Time: Sep 25 04:38:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.65 | 168 | 165636 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 282586 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 240642 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152 | 91708 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 120777 | 50.07 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.14% | | | | |
| 35) Dibromofluoromethane | 5.49 | 113 | 87370 | 51.92 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 103.84% | | | | |
| 50) Toluene-d8 | 8.71 | 98 | 337501 | 52.08 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.16% | | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 114489 | 44.93 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 89.86% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 5) Bromomethane | 1.65 | 94 | 277 | 0.331 | ug/l | | 89 |
| 10) Methyl Iodide | 2.50 | 142 | 31 | 4.968 | ug/l | # | 35 |
| 11) Tert butyl alcohol | 3.01 | 59 | 7407 | 12.293 | ug/l | # | 75 |
| 13) Acrolein | 2.28 | 56 | 44 | 10.359 | ug/l | # | 15 |
| 16) Acetone | 2.43 | 43 | 1202 | 0.941 | ug/l | | 90 |
| 31) Cyclohexane | 5.65 | 56 | 4217 | 1.256 | ug/l | # | 1 |
| 36) 1,1-Dichloropropene | 5.65 | 75 | 15176 | 5.572 | ug/l | # | 52 |
| 38) Carbon Tetrachloride | 5.65 | 117 | 19030 | 6.878 | ug/l | # | 15 |
| 76) 1,2,3-Trichloropropane | 11.14 | 75 | 60060 | 24.758 | ug/l | # | 38 |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75 | 60060 | 70.950 | ug/l | # | 8 |

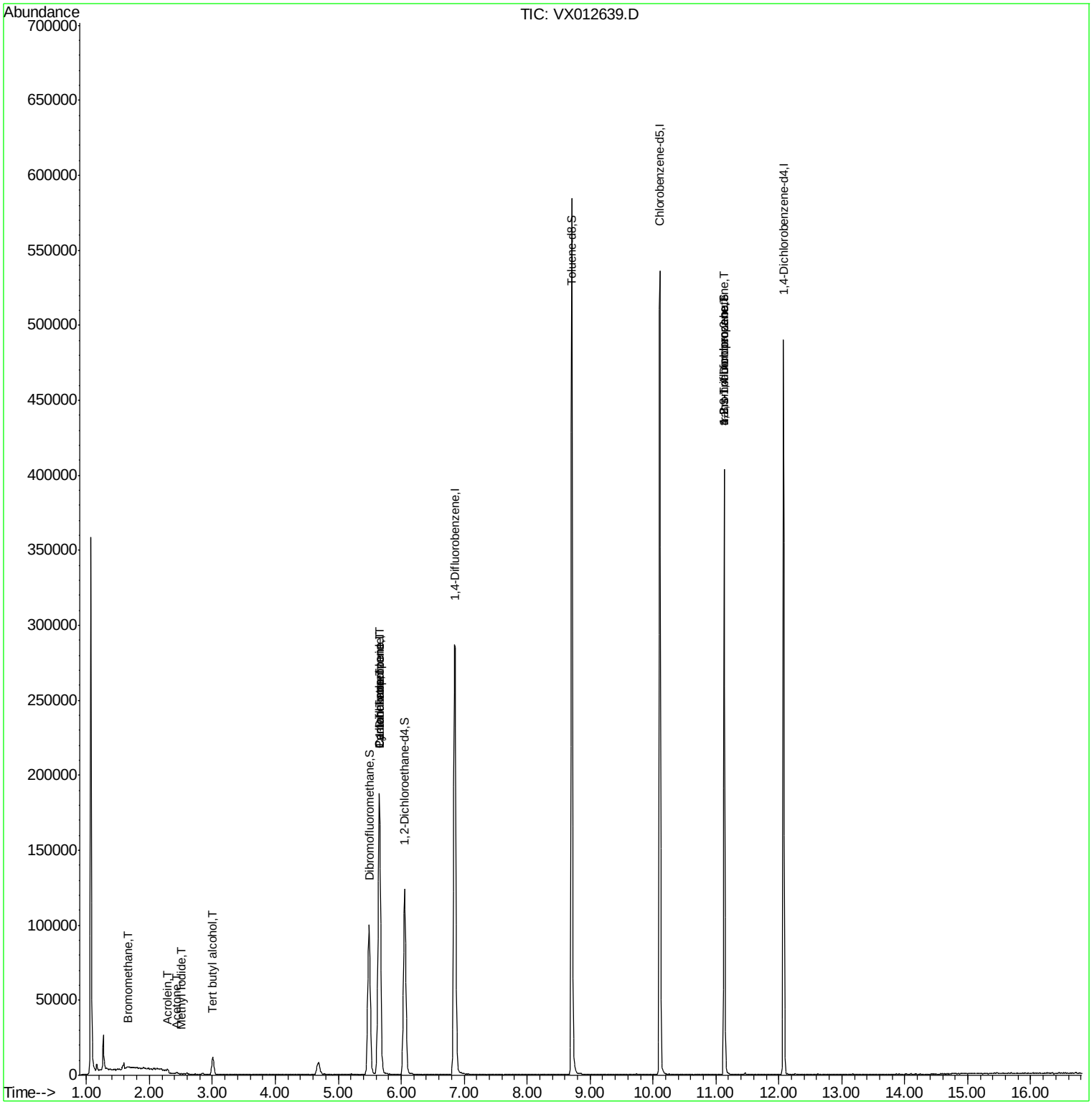
(#) = qualifier out of range (m) = manual integration (+) = signals summed

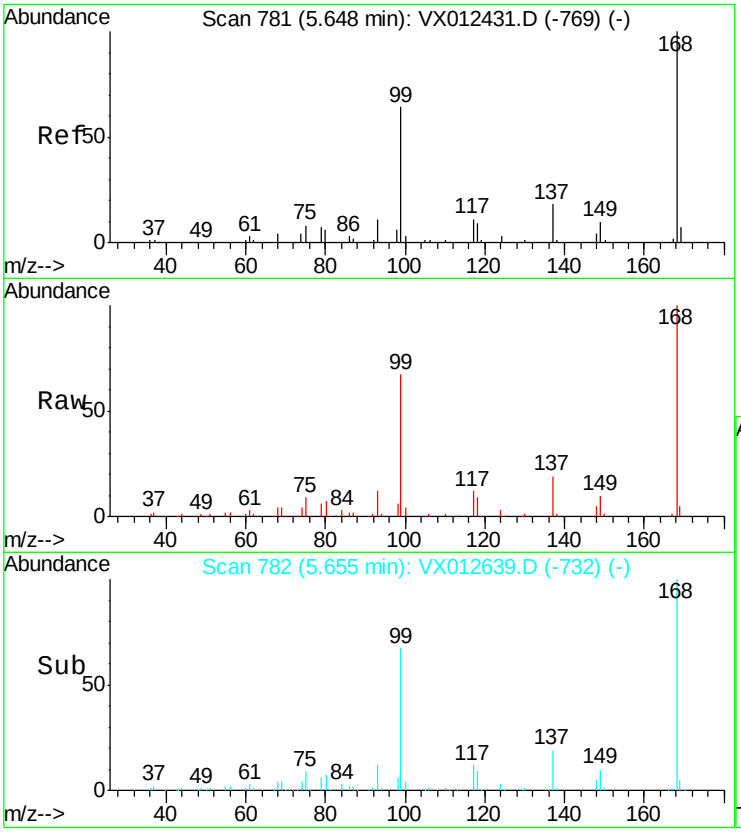
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092419\
Data File : VX012639.D
Acq On : 24 Sep 2019 17:40
Operator : JC/SP
Sample : K5019-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
QNWP8-EQUIP.BLANK

Quant Time: Sep 25 04:38:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration



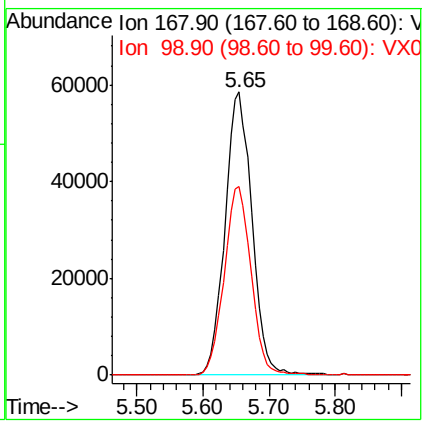


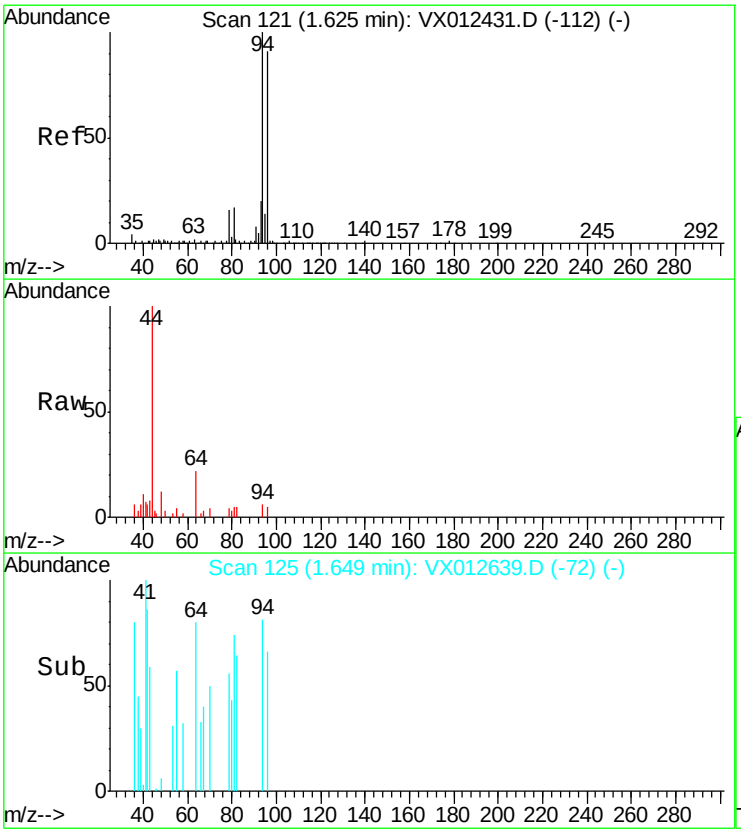

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012639.D
Acq: 24 Sep 2019 17:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
QNWP8-EQUIP.BLANK

Tgt Ion:168 Resp: 165636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 66.7 | 51.4 | 77.2 |

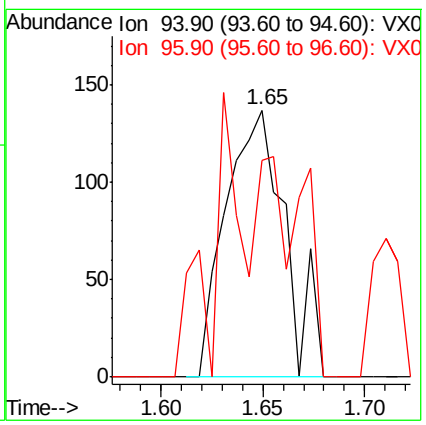


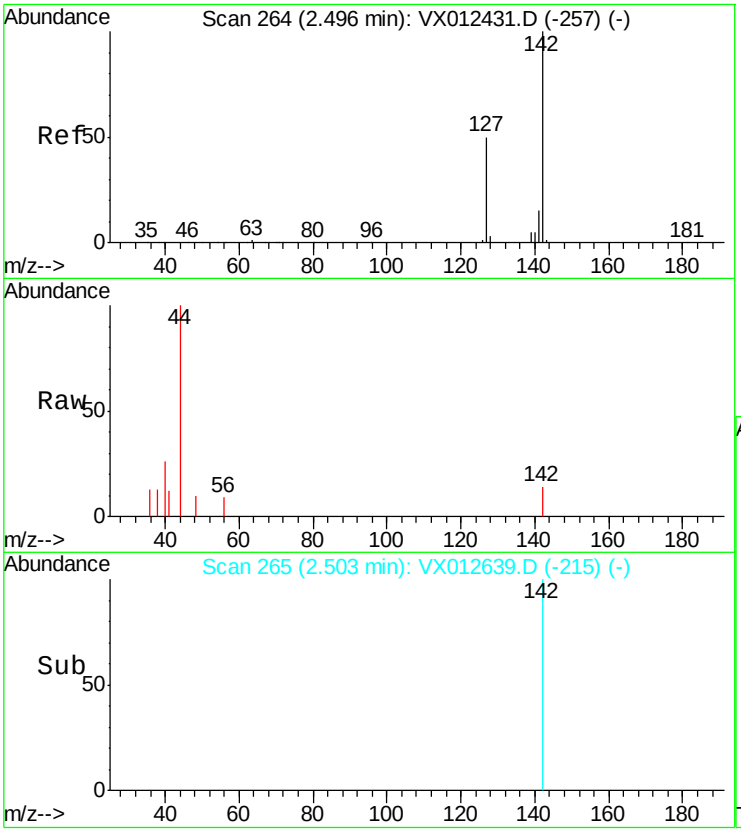




#5
Bromomethane
Concen: 0.331 ug/l
RT: 1.65 min Scan# 125
Delta R.T. 0.02 min
Lab File: VX012639.D
Acq: 24 Sep 2019 17:40

Tgt Ion: 94 Resp: 277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 81.0 | 72.8 | 109.2 |



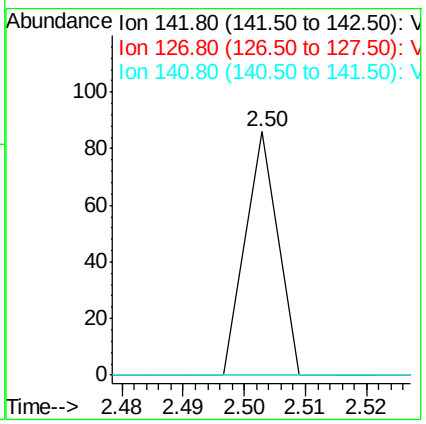


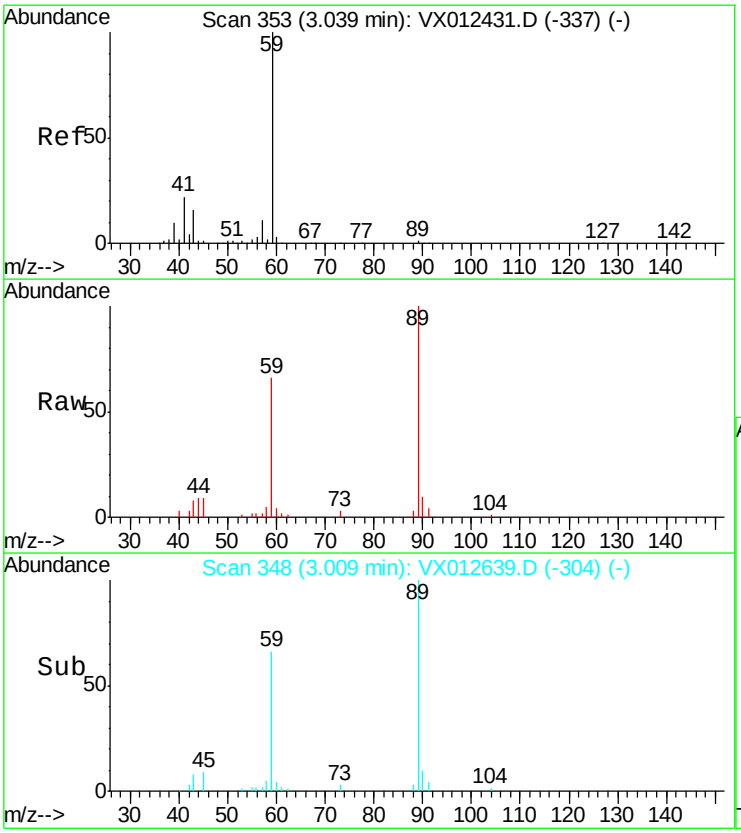

#10
Methyl Iodide
Concen: 4.968 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012639.D
Acq: 24 Sep 2019 17:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
QNWP8-EQUIP.BLANK

Tgt Ion:142 Resp: 31

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 0.0 | 40.8 | 61.2# |
| 141 | 0.0 | 12.1 | 18.1# |

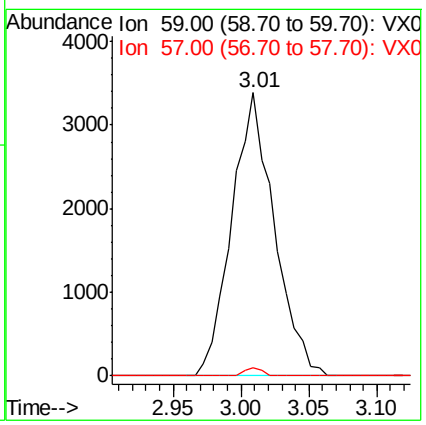


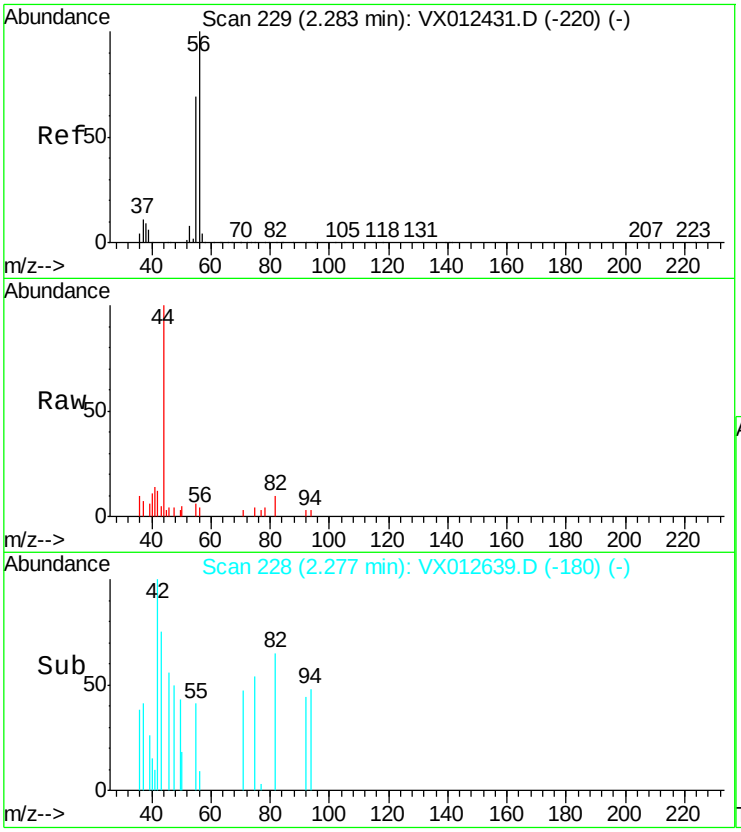




#11
Tert butyl alcohol
Concen: 12.293 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX012639.D
Acq: 24 Sep 2019 17:40

Tgt Ion: 59 Resp: 7407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 1.1 | 8.3 | 12.5# |



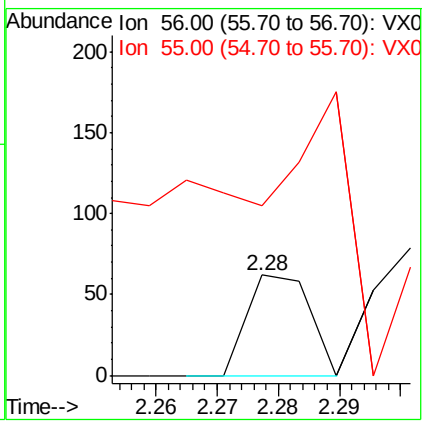


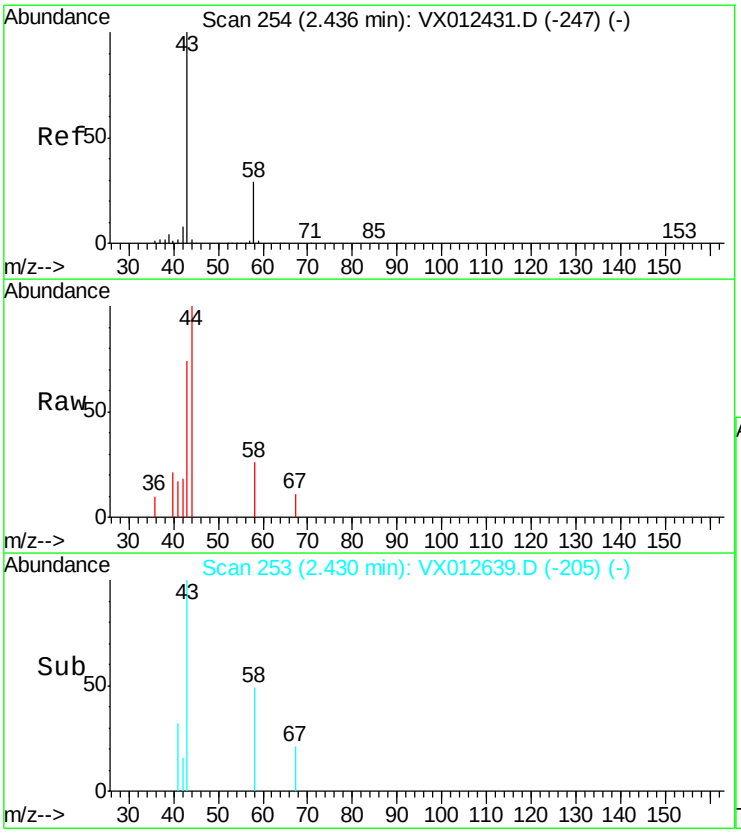

#13
Acrolein
Concen: 10.359 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX012639.D
Acq: 24 Sep 2019 17:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
QNWP8-EQUIP.BLANK

Tgt Ion: 56 Resp: 44

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 0.0 | 55.8 | 83.8# |

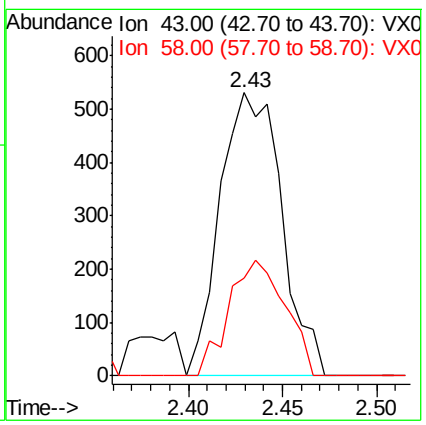


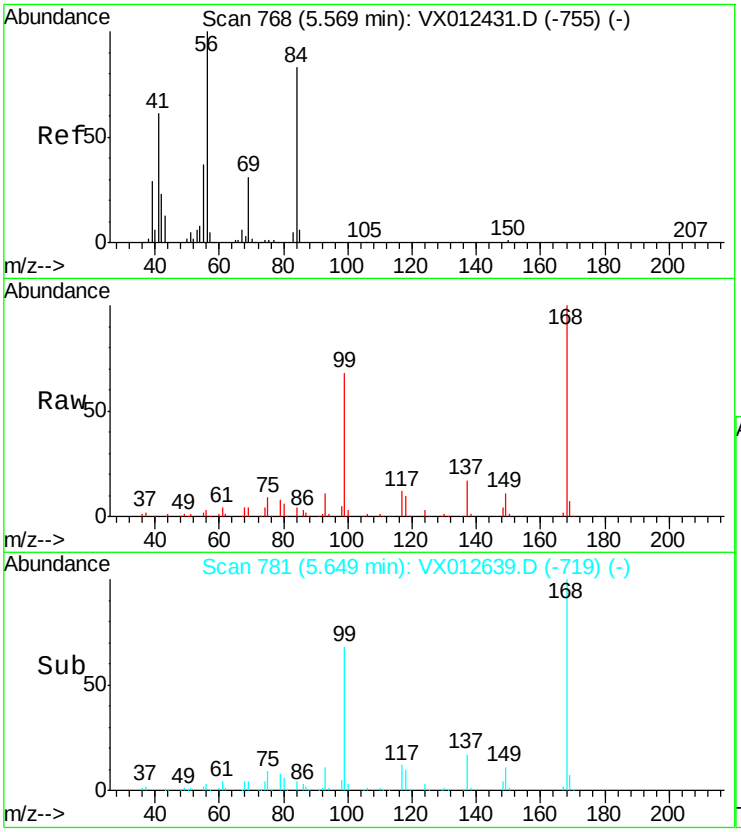




#16
Acetone
Concen: 0.941 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012639.D
Acq: 24 Sep 2019 17:40

Tgt Ion: 43 Resp: 1202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.7 | 23.3 | 34.9 |



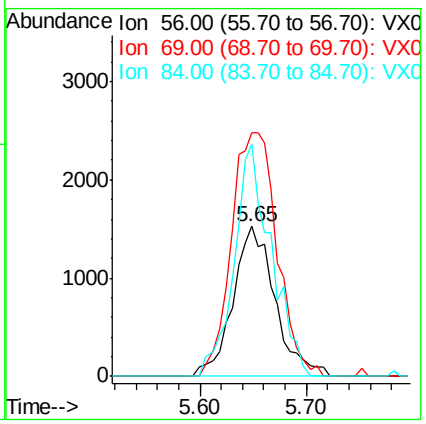


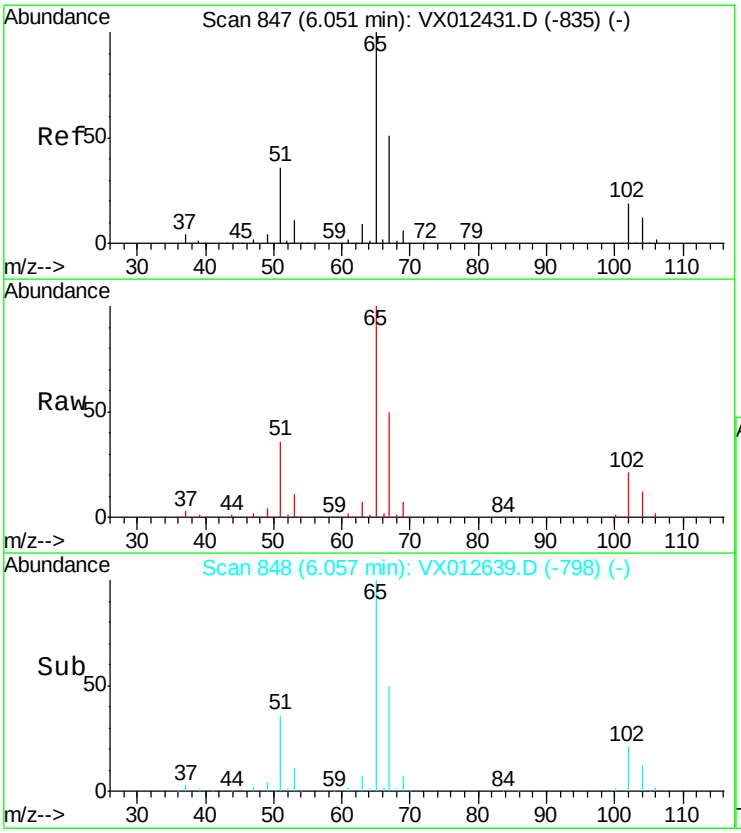

#31
Cyclohexane
Concen: 1.256 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX012639.D
Acq: 24 Sep 2019 17:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
QNWP8-EQUIP.BLANK

Tgt Ion: 56 Resp: 4217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 162.2 | 25.0 | 37.6# |
| 84 | 154.8 | 66.4 | 99.6# |

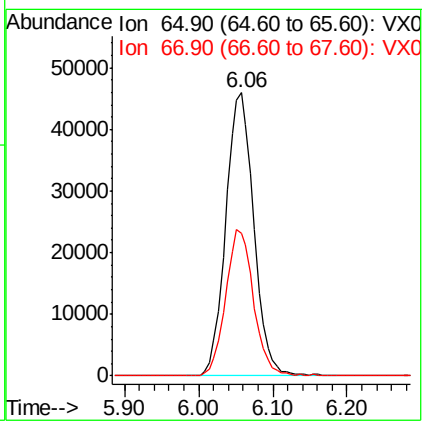


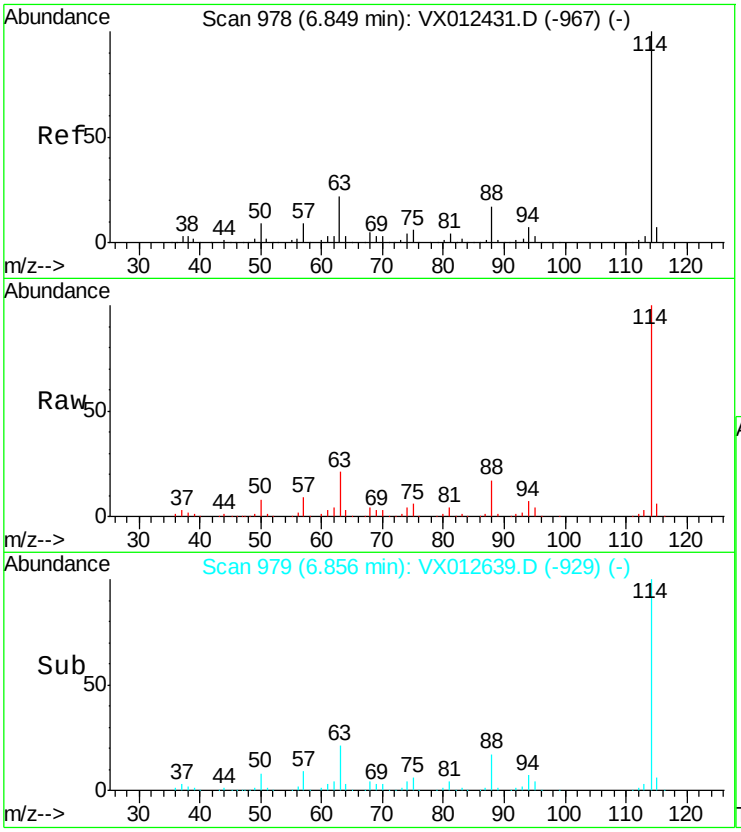




#33
1,2-Dichloroethane-d4
Concen: 50.074 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012639.D
Acq: 24 Sep 2019 17:40

Tgt Ion: 65 Resp: 120777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.4 | 0.0 | 101.2 |



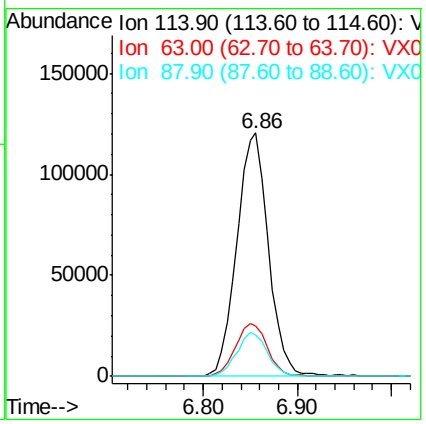


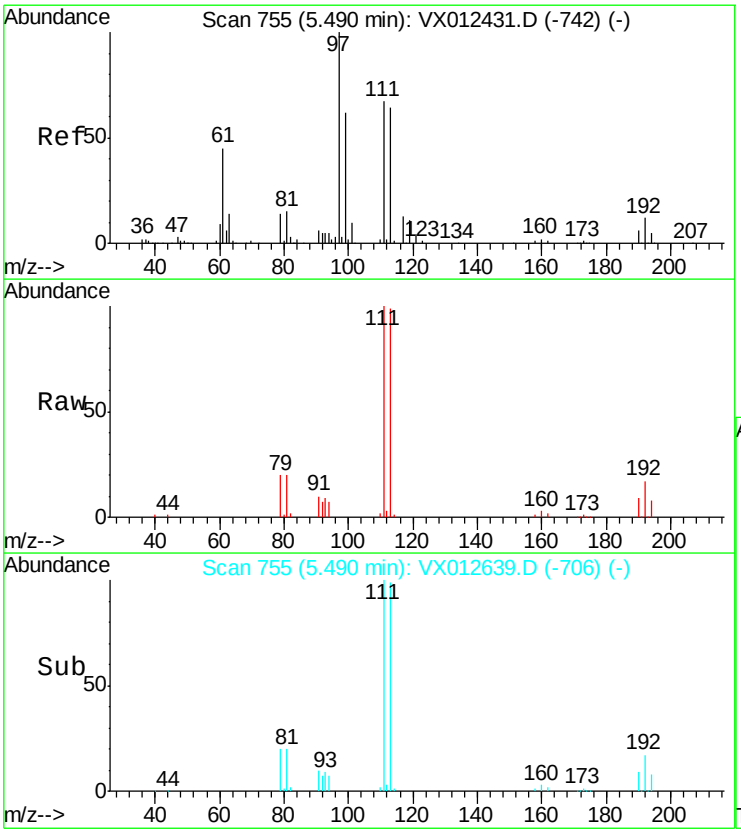

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX012639.D
Acq: 24 Sep 2019 17:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
QNWP8-EQUIP.BLANK

Tgt Ion:114 Resp: 282586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.9 | 0.0 | 43.2 |
| 88 | 17.2 | 0.0 | 33.2 |

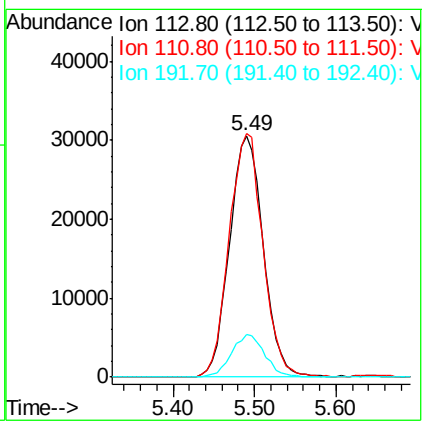


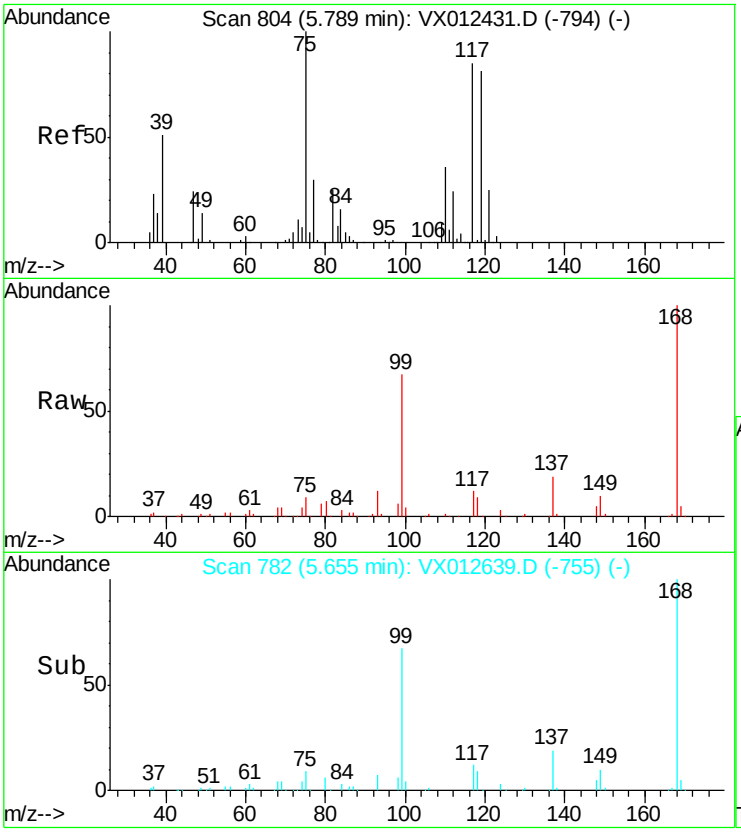




#35
Dibromofluoromethane
Concen: 51.916 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012639.D
Acq: 24 Sep 2019 17:40

Tgt Ion:113 Resp: 87370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.1 | 83.4 | 125.2 |
| 192 | 17.3 | 14.4 | 21.6 |



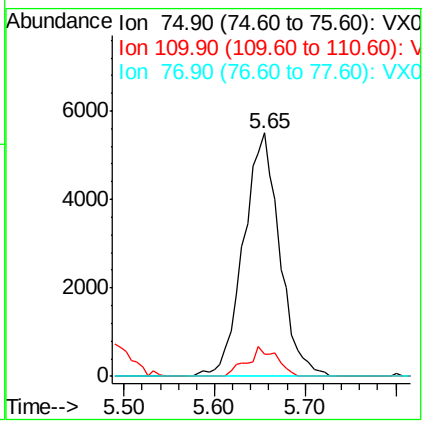


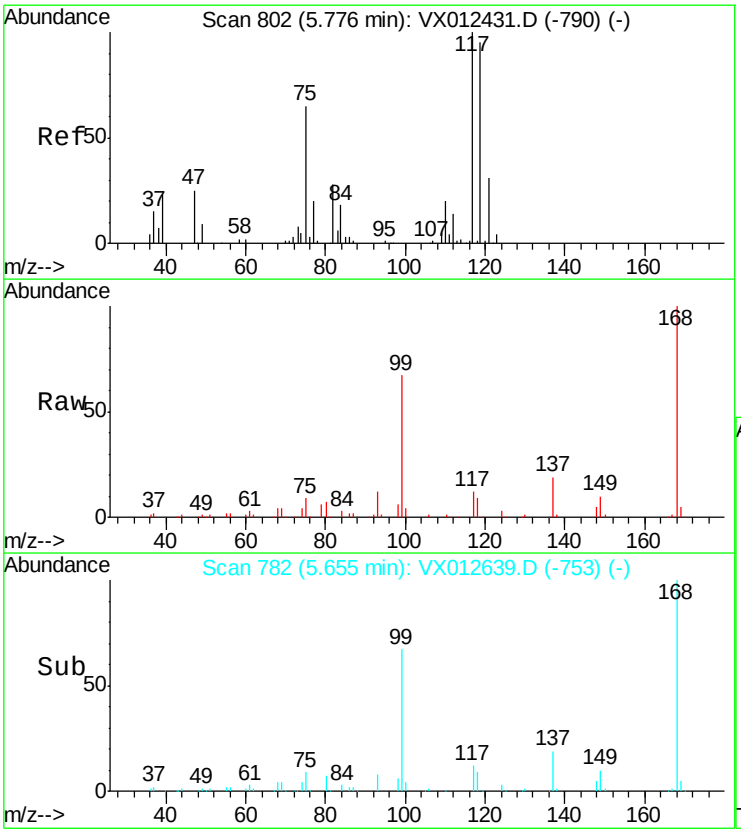

#36
1,1-Dichloropropene
Concen: 5.572 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX012639.D
Acq: 24 Sep 2019 17:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
QNWP8-EQUIP.BLANK

Tgt Ion: 75 Resp: 15176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.9 | 16.7 | 50.0# |
| 77 | 0.0 | 24.2 | 36.2# |

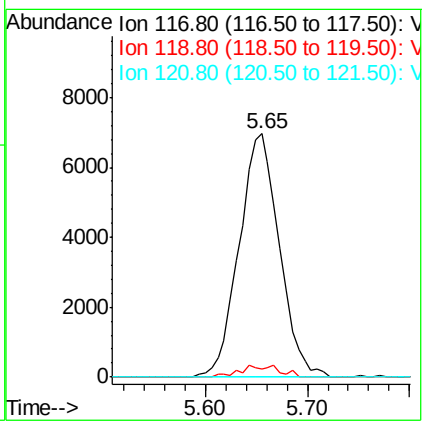


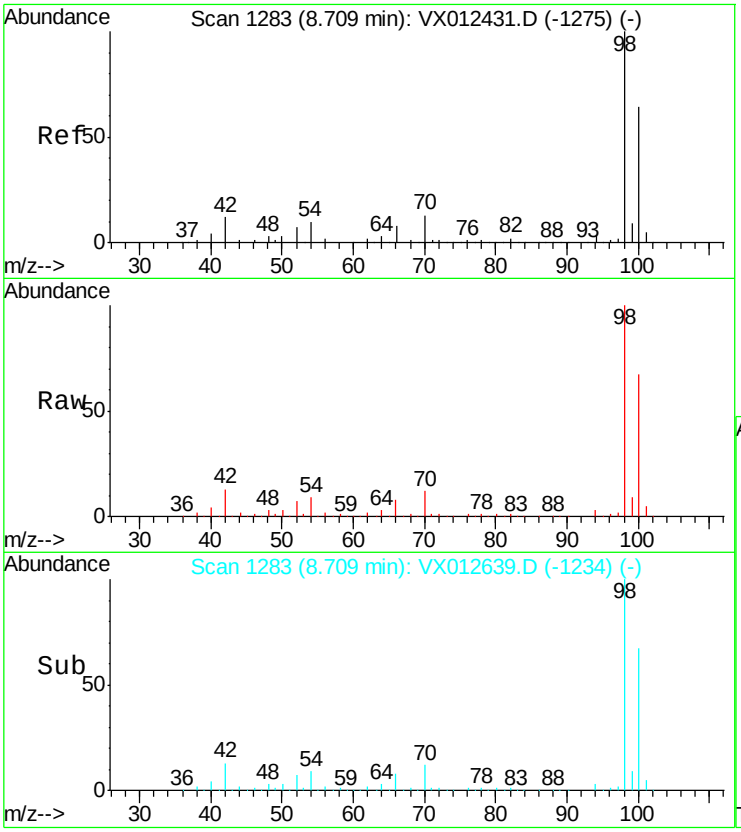




#38
Carbon Tetrachloride
Concen: 6.878 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX012639.D
Acq: 24 Sep 2019 17:40

Tgt Ion:117 Resp: 19030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 3.1 | 75.7 | 113.5# |
| 121 | 0.0 | 24.2 | 36.4# |



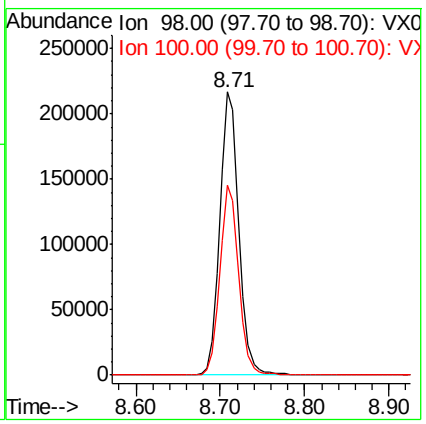


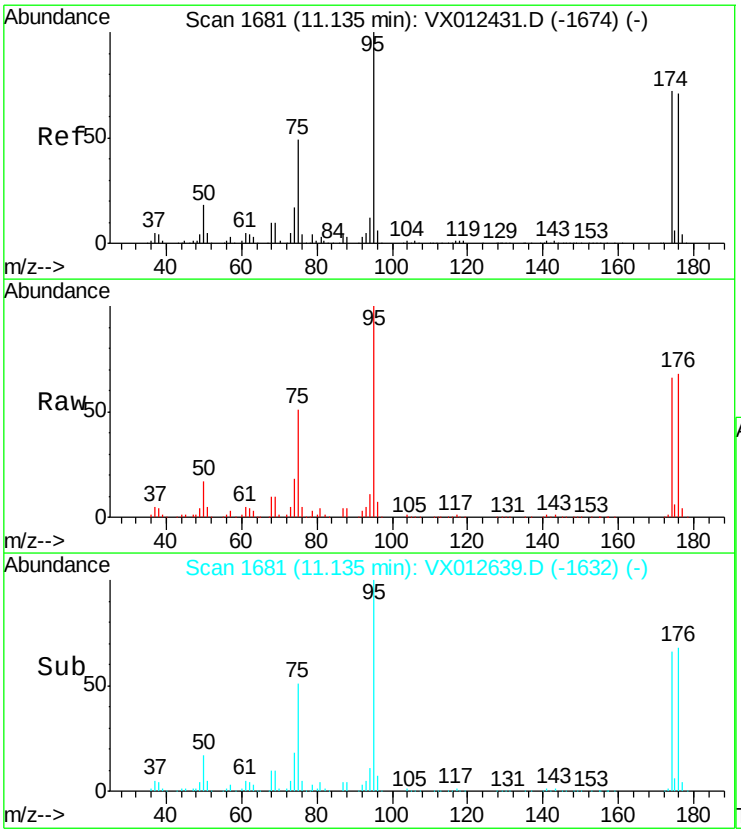

#50
Toluene-d8
Concen: 52.075 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012639.D
Acq: 24 Sep 2019 17:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
QNWP8-EQUIP.BLANK

Tgt Ion: 98 Resp: 337501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.5 | 53.4 | 80.2 |

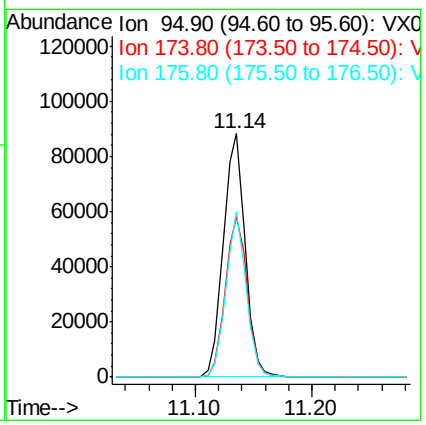


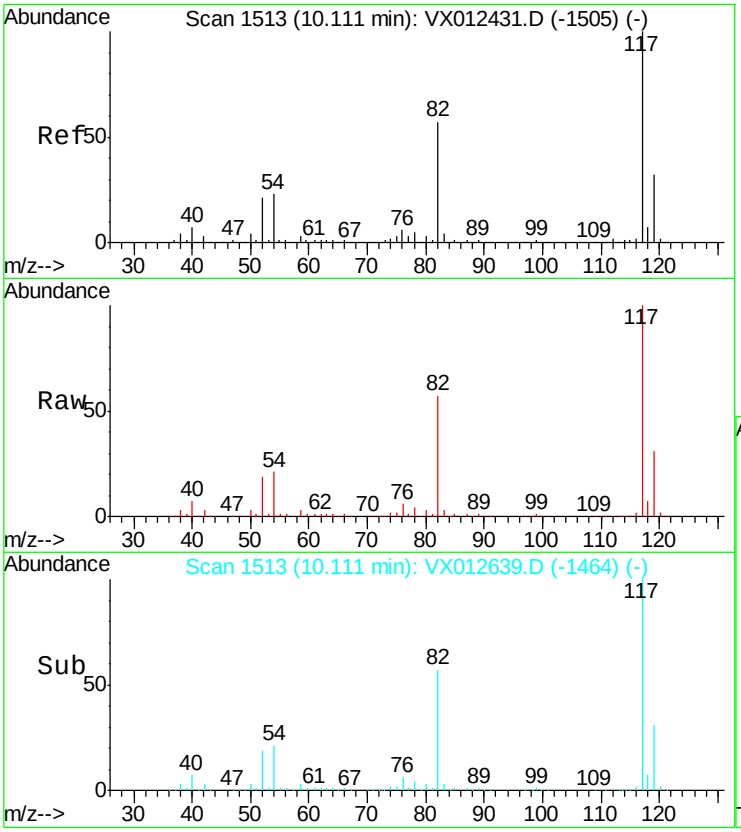




#62
4-Bromofluorobenzene
Concen: 44.926 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012639.D
Acq: 24 Sep 2019 17:40

Tgt Ion: 95 Resp: 114489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 66.4 | 0.0 | 140.0 |
| 176 | 63.6 | 0.0 | 135.4 |



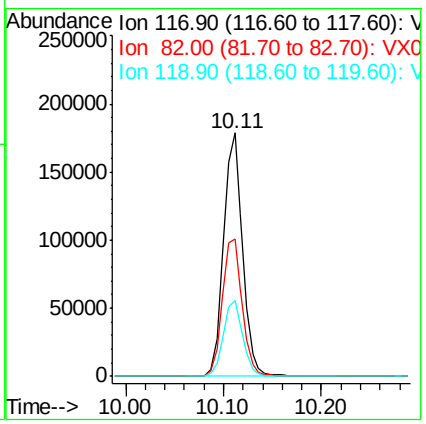


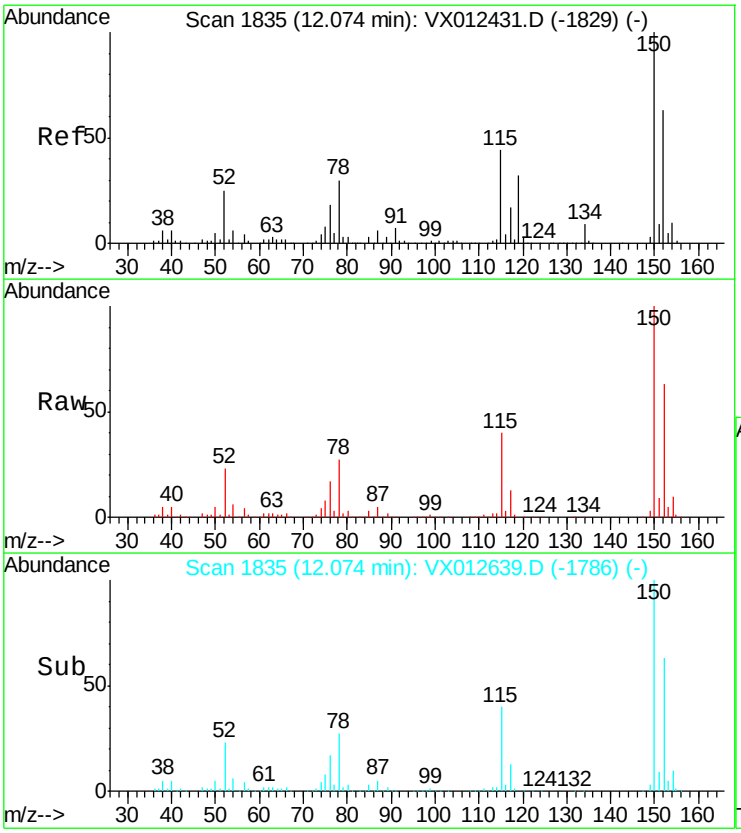

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012639.D
Acq: 24 Sep 2019 17:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
QNWP8-EQUIP.BLANK

Tgt Ion:117 Resp: 240642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.6 | 45.9 | 68.9 |
| 119 | 31.0 | 25.3 | 37.9 |

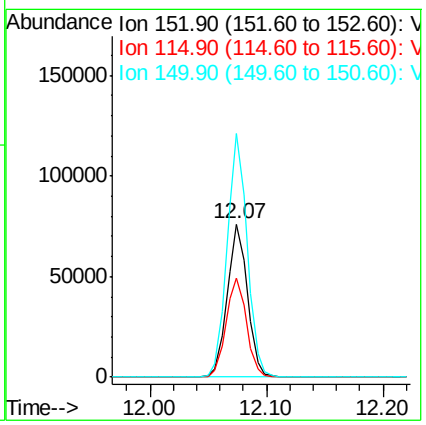


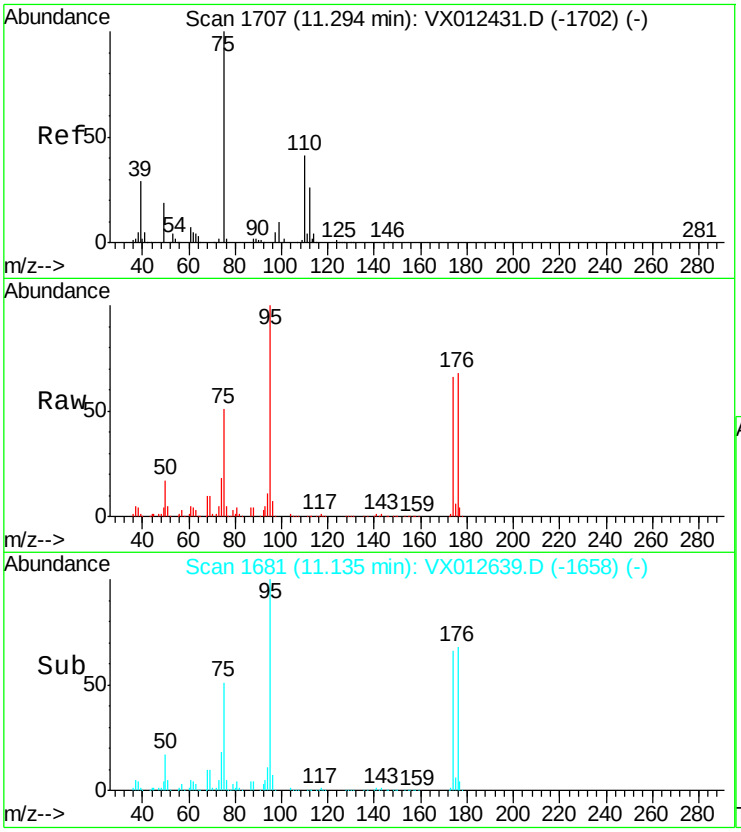




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012639.D
Acq: 24 Sep 2019 17:40

Tgt Ion:152 Resp: 91708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 65.2 | 44.1 | 132.3 |
| 150 | 157.5 | 0.0 | 343.8 |



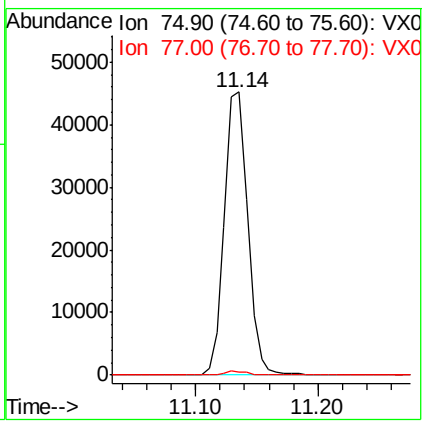


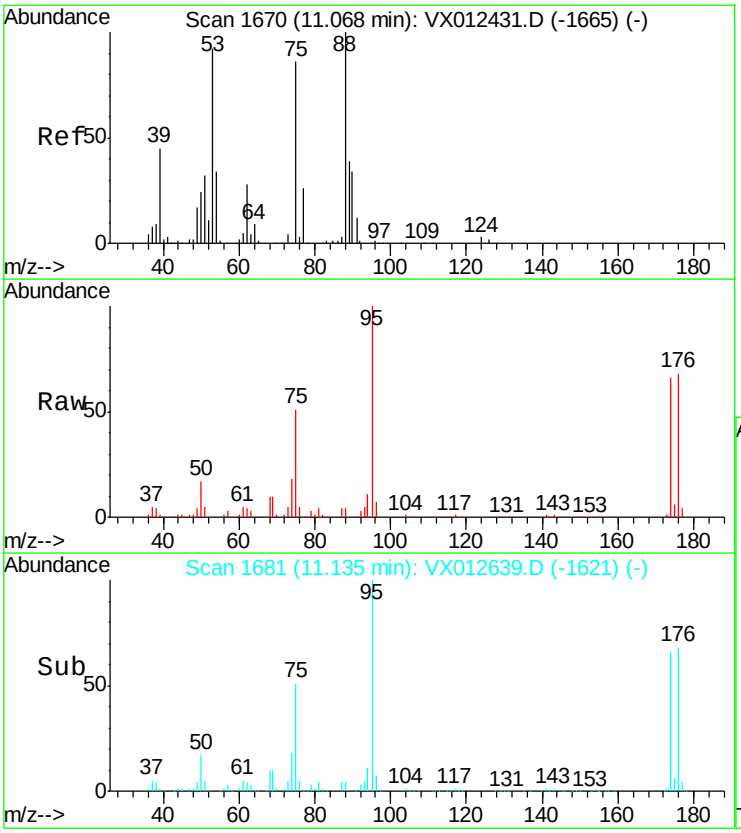

#76
1,2,3-Trichloropropane
Concen: 24.758 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012639.D
Acq: 24 Sep 2019 17:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
QNWP8-EQUIP.BLANK

Tgt Ion: 75 Resp: 60060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.3 | 19.7 | 59.0# |




#81
trans-1,4-Dichloro-2-butene
Concen: 70.950 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012639.D
Acq: 24 Sep 2019 17:40

Tgt Ion: 75 Resp: 60060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 83.6 | 125.4# |
| 89 | 0.0 | 36.3 | 54.5# |