Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
Data File : VX004647.D
Acq On : 18 Sep 2018 10:20
Operator : JC/MD
Sample : VX0918MBL01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Sep 18 15:21:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.66 | 168 | 222568 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 301038 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 289596 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 180287 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 151012 | 52.62 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 105.24% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 134622 | 48.87 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.74% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 428301 | 46.36 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 92.72% | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 146992 | 44.58 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 89.16% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Bromomethane | 1.64 | 94 | 830 | Below Cal | | 97 |
| 10) Methyl Iodide | 2.51 | 142 | 400 | 4.380 | ug/l # | 83 |
| 11) Tert butyl alcohol | 3.02 | 59 | 1825 | 2.665 | ug/l # | 72 |
| 13) Acrolein | 2.15 | 56 | 101 | 0.374 | ug/l # | 47 |
| 15) Acrylonitrile | 3.14 | 53 | 335 | 0.203 | ug/l # | 87 |
| 16) Acetone | 2.45 | 43 | 445 | 0.318 | ug/l | 98 |
| 29) Tetrahydrofuran | 5.16 | 42 | 643 | 0.478 | ug/l # | 85 |
| 31) Cyclohexane | 5.66 | 56 | 3624 | 0.873 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 5.66 | 75 | 14085 | 3.854 | ug/l # | 49 |
| 38) Carbon Tetrachloride | 5.65 | 117 | 18689 | 5.235 | ug/l # | 16 |
| 76) 1,2,3-Trichloropropane | 11.14 | 75 | 68926 | 19.003 | ug/l # | 37 |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75 | 68926 | 60.570 | ug/l # | 10 |

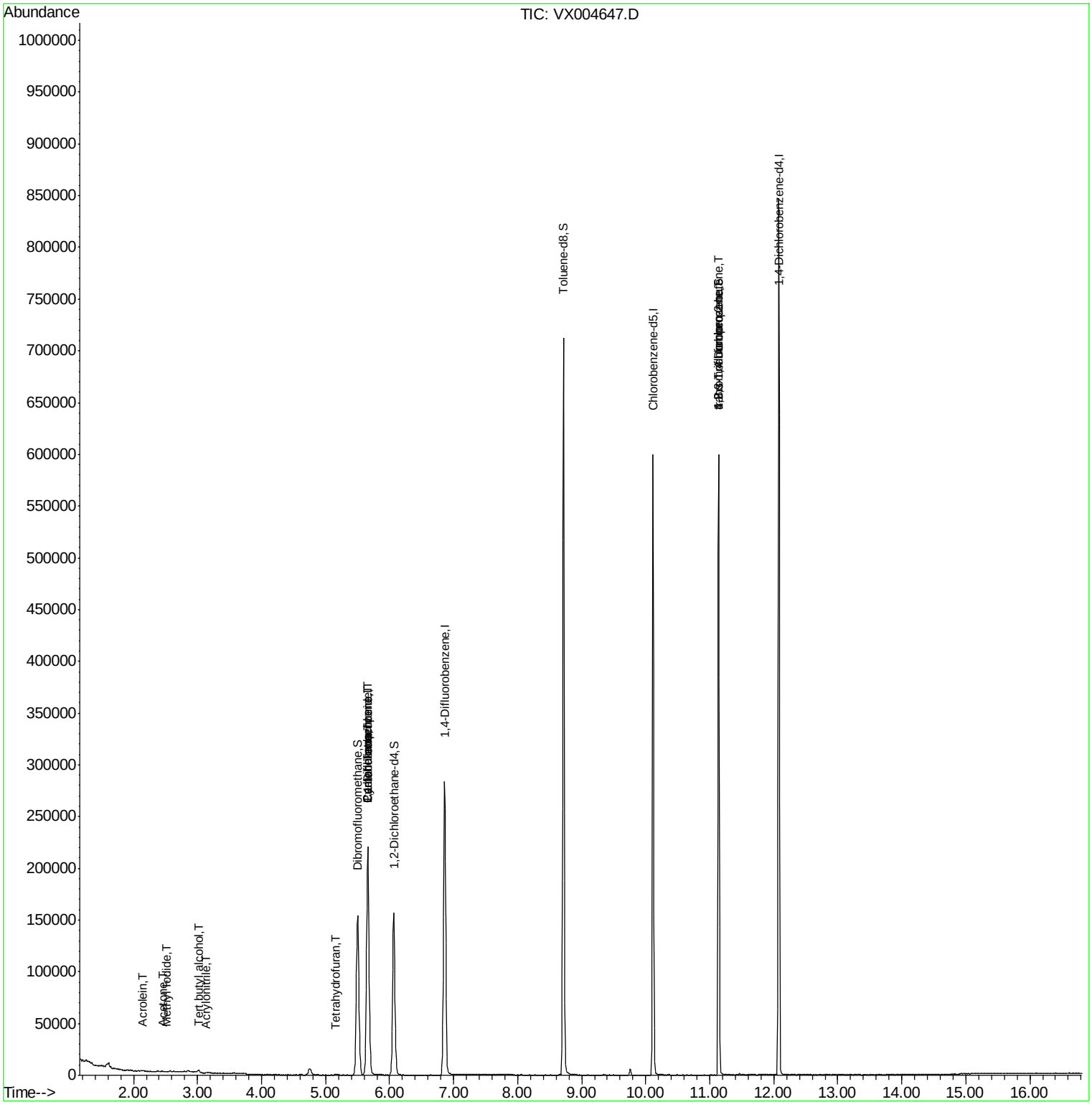
(#) = qualifier out of range (m) = manual integration (+) = signals summed

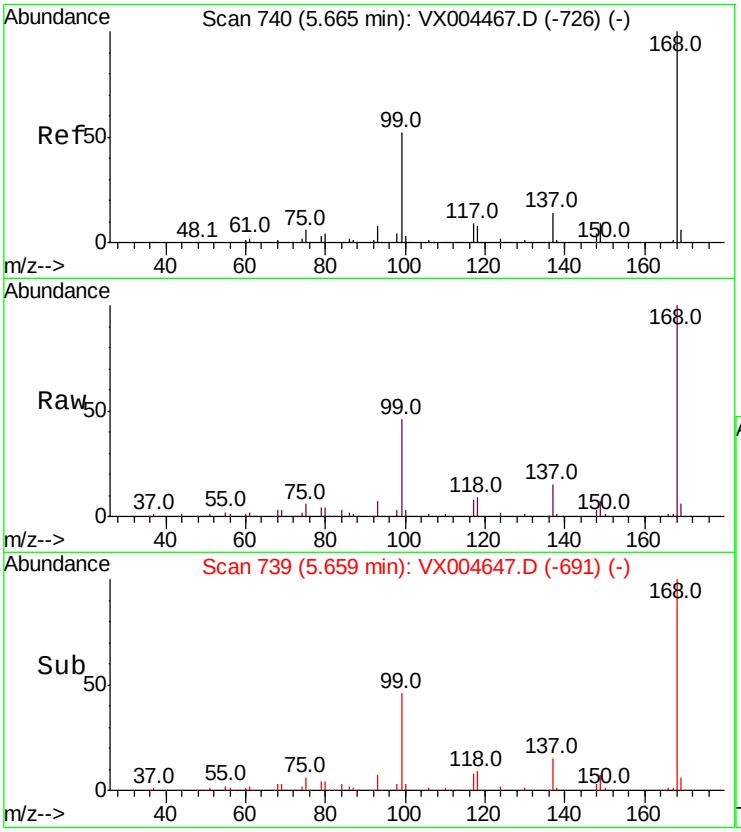
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
Data File : VX004647.D
Acq On : 18 Sep 2018 10:20
Operator : JC/MD
Sample : VX0918MBL01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Sep 18 15:21:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

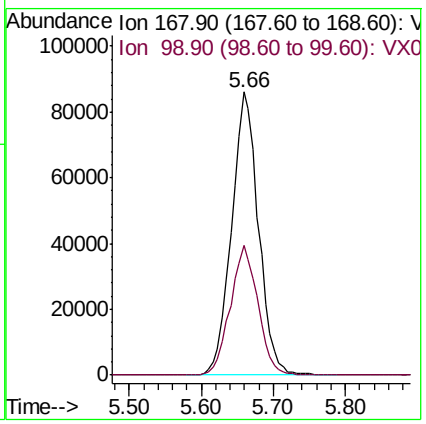




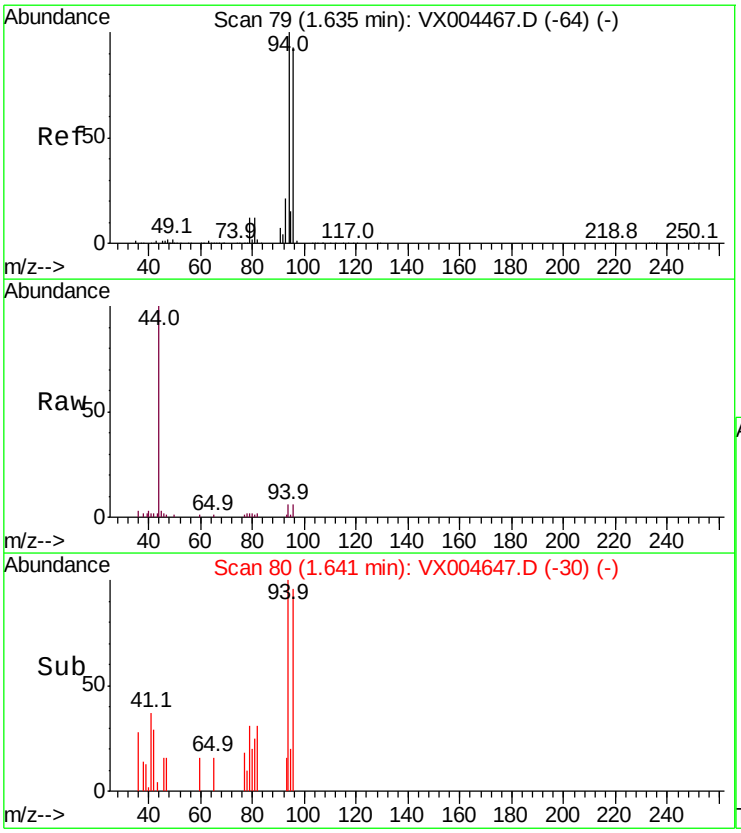

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX004647.D
Acq: 18 Sep 2018 10:20

Tgt Ion:168 Resp: 222568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 45.7 | 39.9 | 59.9 |



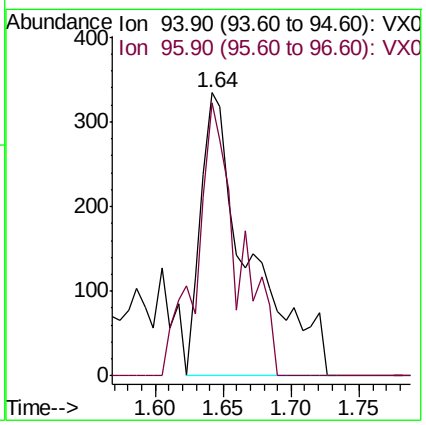

**Instrument :**
MSVOA_X
**ClientSampleId :**

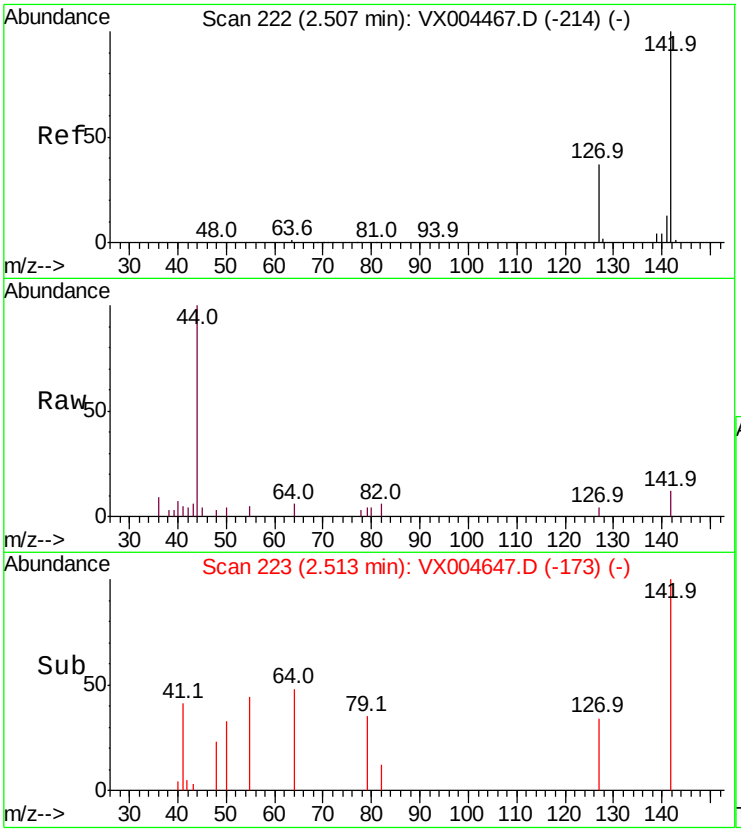



#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX004647.D
Acq: 18 Sep 2018 10:20

Tgt Ion: 94 Resp: 830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 96.4 | 74.5 | 111.7 |



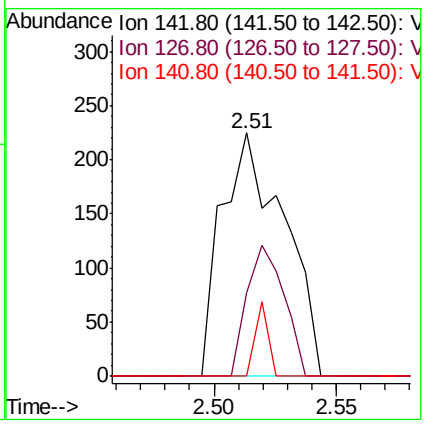


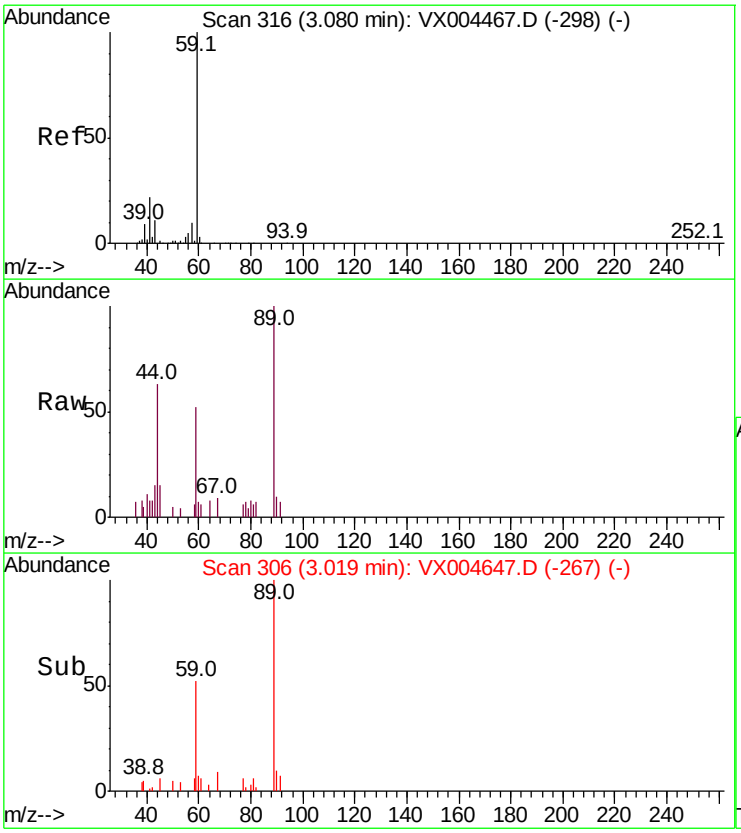

#10
Methyl Iodide
Concen: 4.380 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX004647.D
Acq: 18 Sep 2018 10:20

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

Tgt Ion:142 Resp: 400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 32.0 | 33.8 | 50.6# |
| 141 | 6.3 | 11.4 | 17.0# |

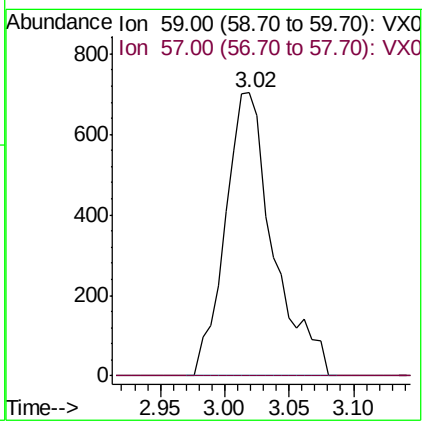


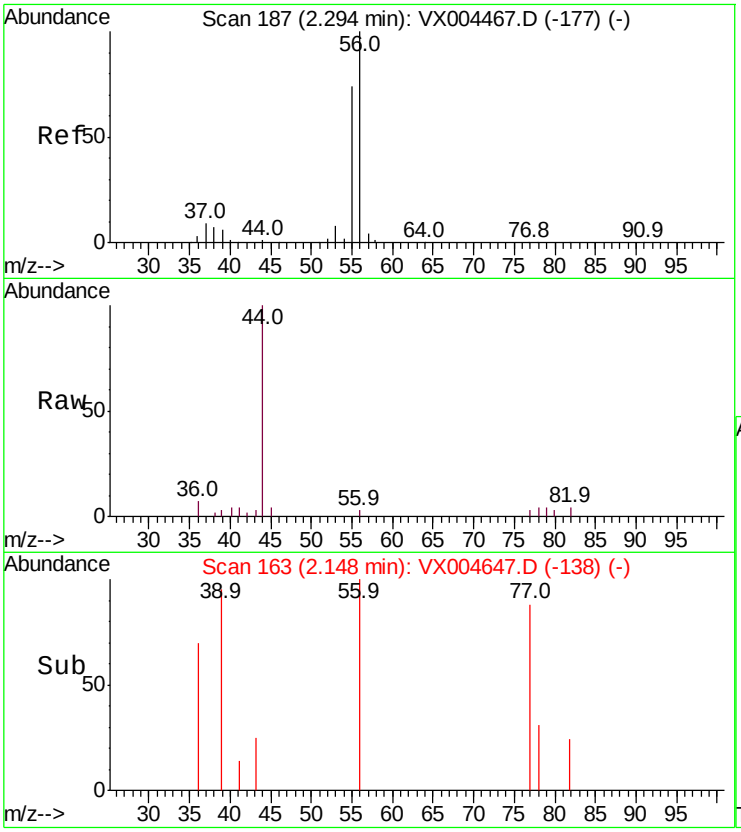




#11
Tert butyl alcohol
Concen: 2.665 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX004647.D
Acq: 18 Sep 2018 10:20

Tgt Ion: 59 Resp: 1825

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



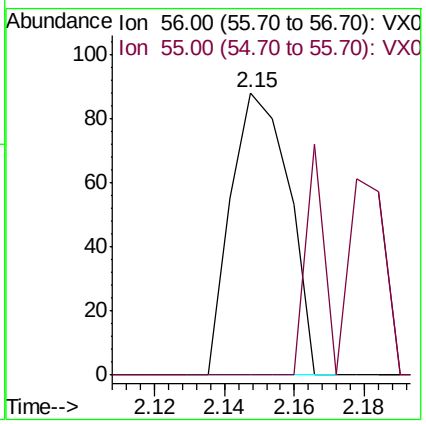


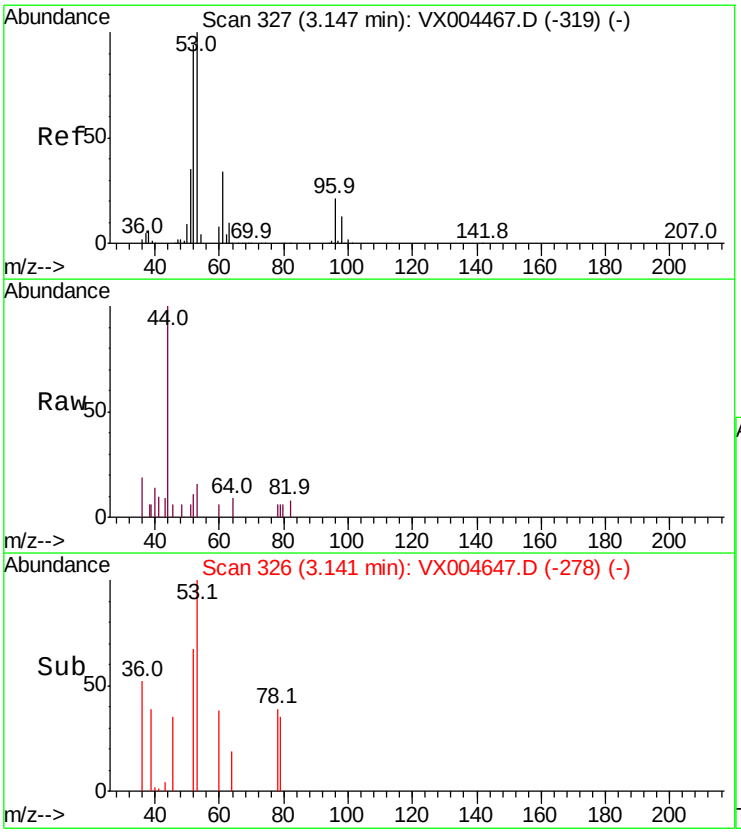

#13
Acrolein
Concen: 0.374 ug/l
RT: 2.15 min Scan# 163
Delta R.T. -0.15 min
Lab File: VX004647.D
Acq: 18 Sep 2018 10:20

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

Tgt Ion: 56 Resp: 101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 25.7 | 54.7 | 82.1# |

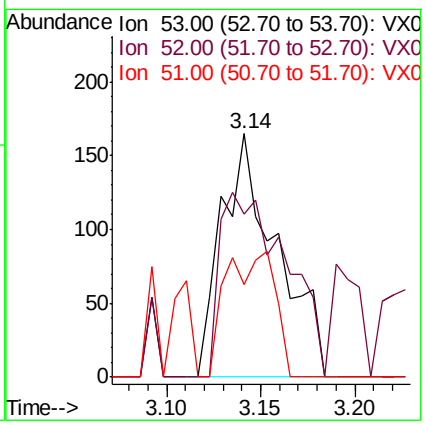


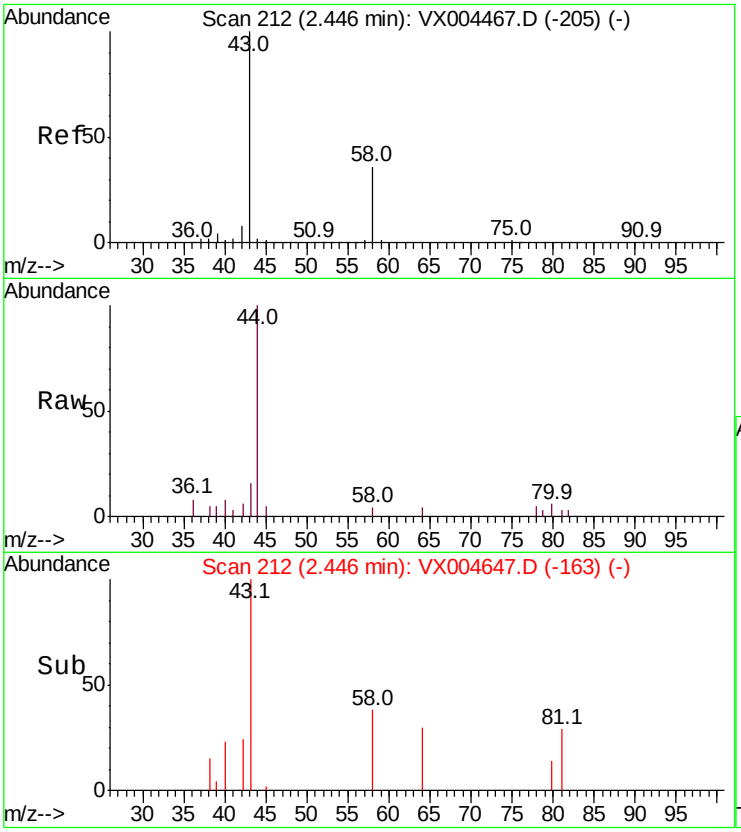




#15
Acrylonitrile
Concen: 0.203 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.01 min
Lab File: VX004647.D
Acq: 18 Sep 2018 10:20

Tgt Ion: 53 Resp: 335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 91.0 | 65.2 | 97.8 |
| 51 | 46.0 | 28.2 | 42.2# |



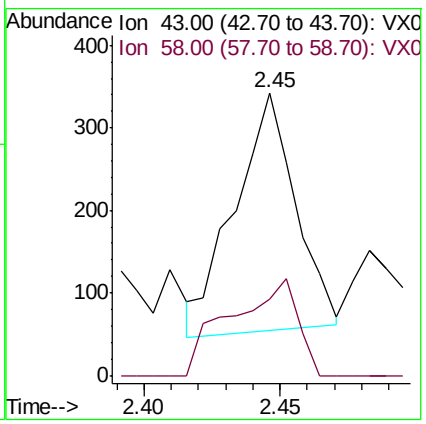


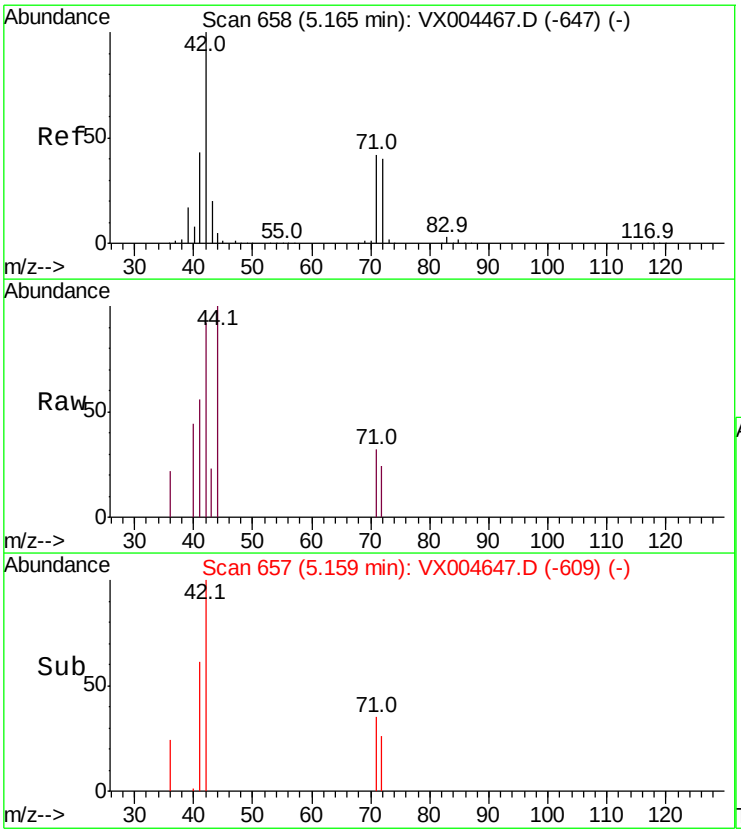

#16
Acetone
Concen: 0.318 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX004647.D
Acq: 18 Sep 2018 10:20

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

Tgt Ion: 43 Resp: 445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.2 | 26.2 | 39.4 |

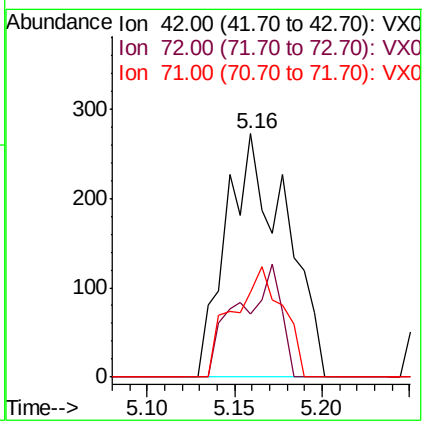


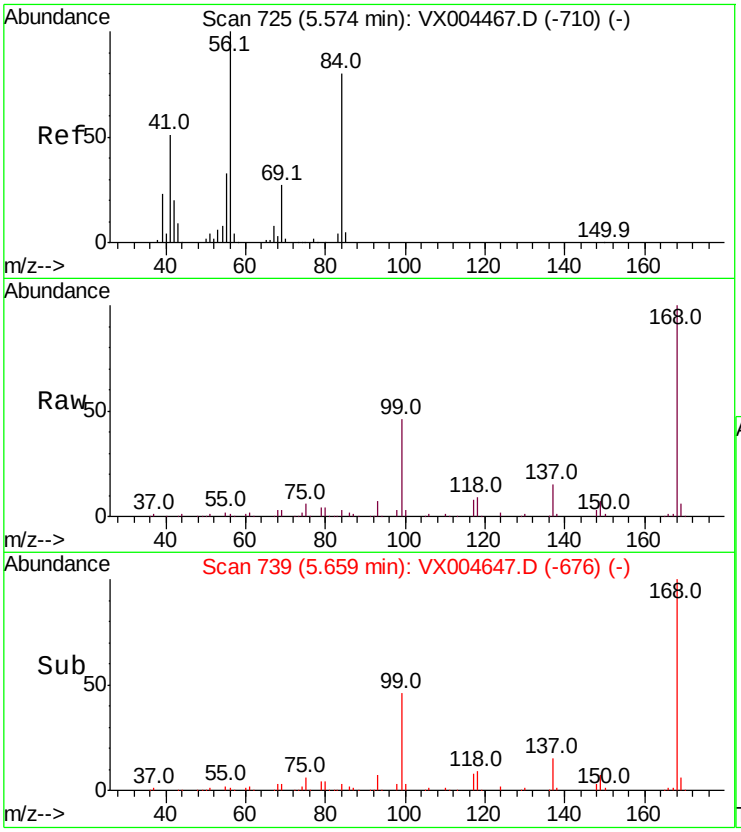




#29
Tetrahydrofuran
Concen: 0.478 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX004647.D
Acq: 18 Sep 2018 10:20

Tgt Ion: 42 Resp: 643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 33.0 | 37.4 | 56.0# |
| 71 | 37.5 | 34.5 | 51.7 |



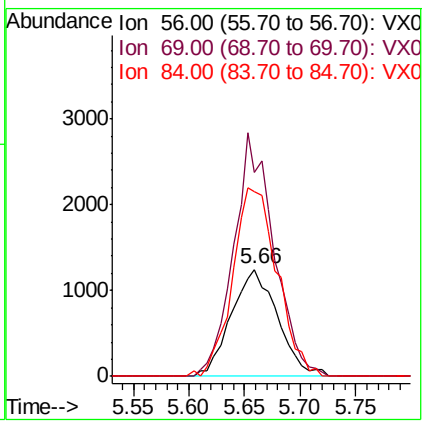


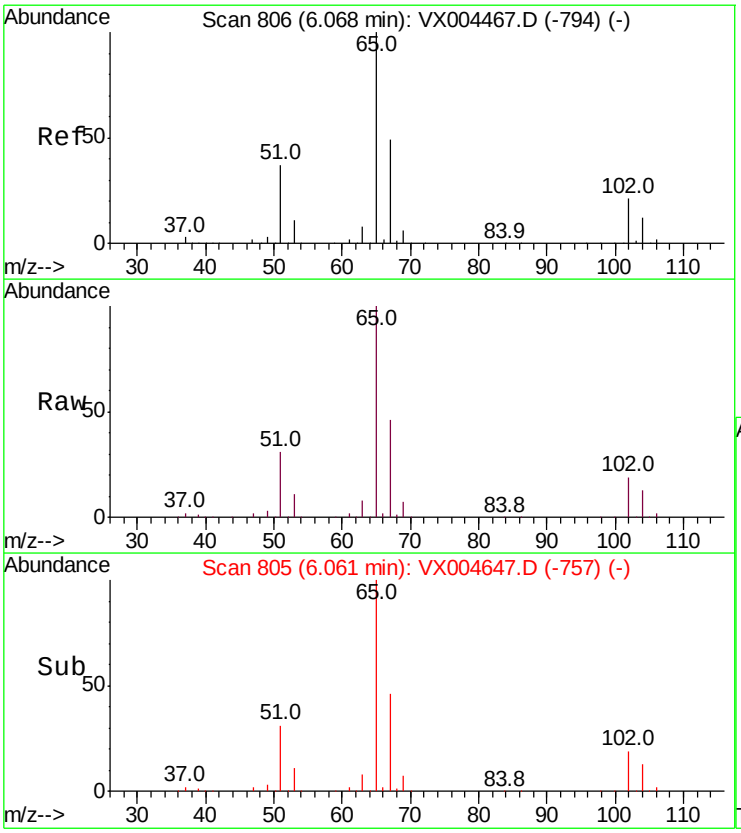

#31
Cyclohexane
Concen: 0.873 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX004647.D
Acq: 18 Sep 2018 10:20

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

Tgt Ion: 56 Resp: 3624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 190.3 | 25.4 | 38.2# |
| 84 | 172.4 | 71.4 | 107.2# |

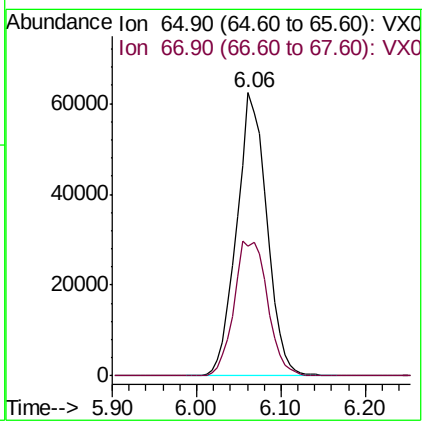


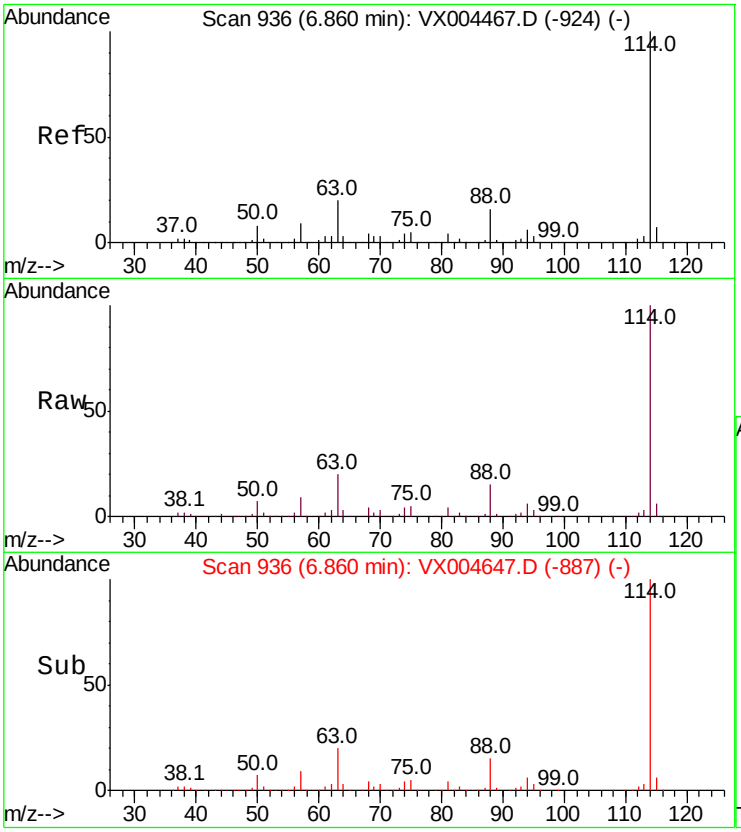




#33
1,2-Dichloroethane-d4
Concen: 52.621 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX004647.D
Acq: 18 Sep 2018 10:20

Tgt Ion: 65 Resp: 151012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.9 | 0.0 | 106.8 |



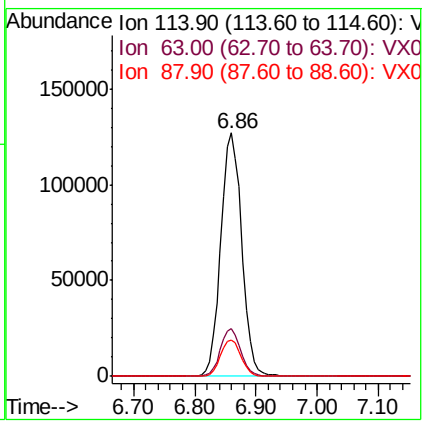


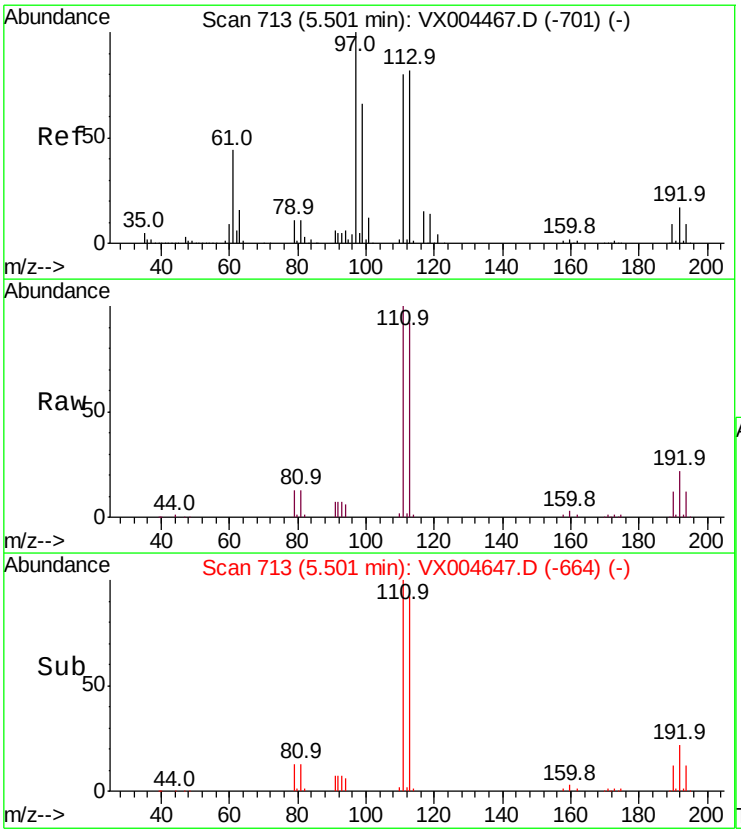

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004647.D
Acq: 18 Sep 2018 10:20

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

Tgt Ion:114 Resp: 301038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.7 | 0.0 | 39.0 |
| 88 | 14.8 | 0.0 | 30.4 |

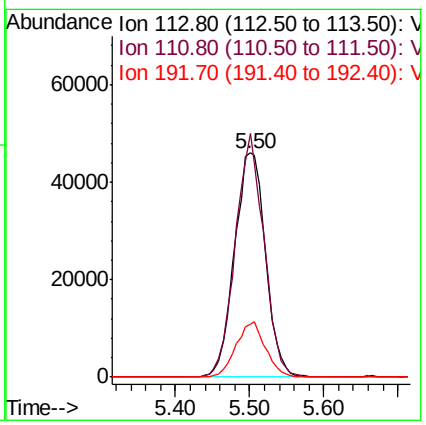


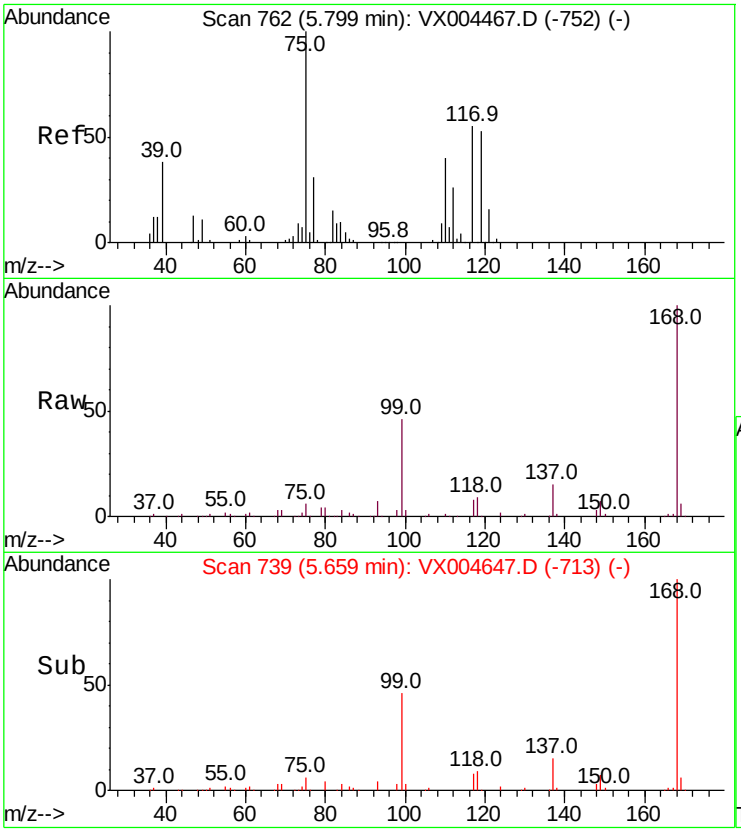




#35
Dibromofluoromethane
Concen: 48.869 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004647.D
Acq: 18 Sep 2018 10:20

Tgt Ion:113 Resp: 134622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 99.9 | 82.4 | 123.6 |
| 192 | 23.4 | 19.4 | 29.2 |



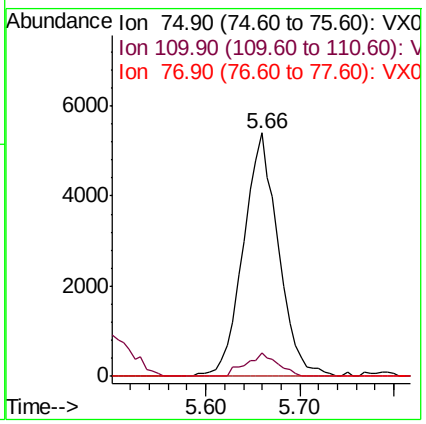


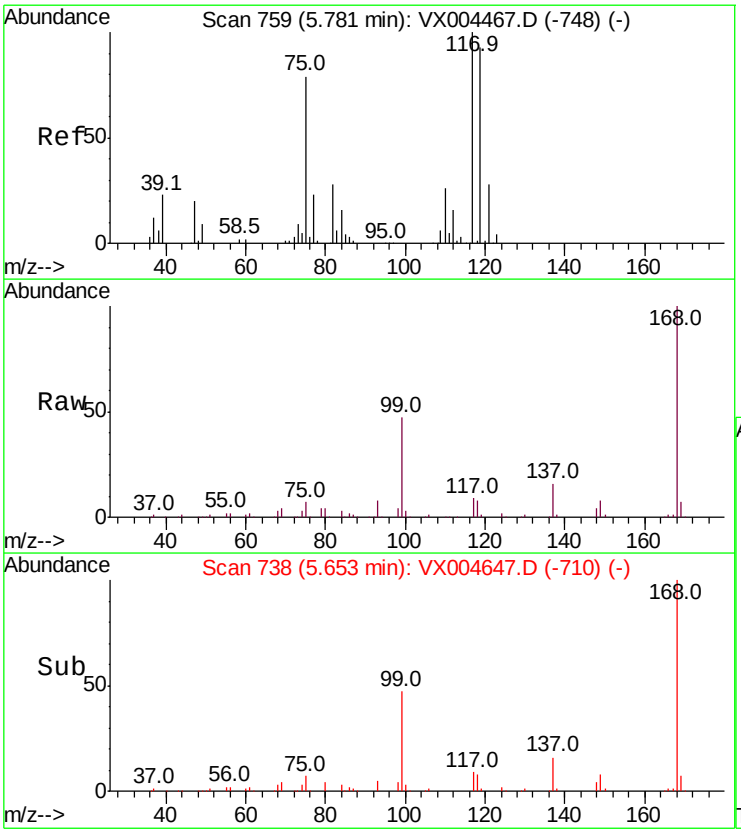

#36
1,1-Dichloropropene
Concen: 3.854 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX004647.D
Acq: 18 Sep 2018 10:20

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

Tgt Ion: 75 Resp: 14085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 8.7 | 18.0 | 54.0# |
| 77 | 0.0 | 24.6 | 36.8# |

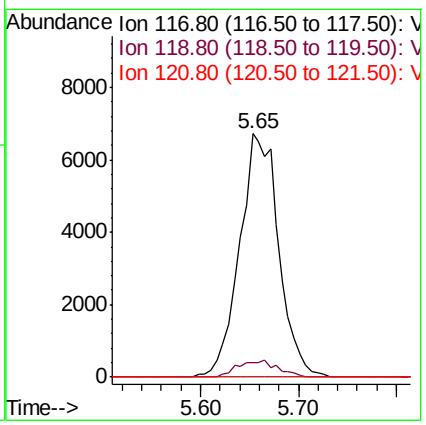


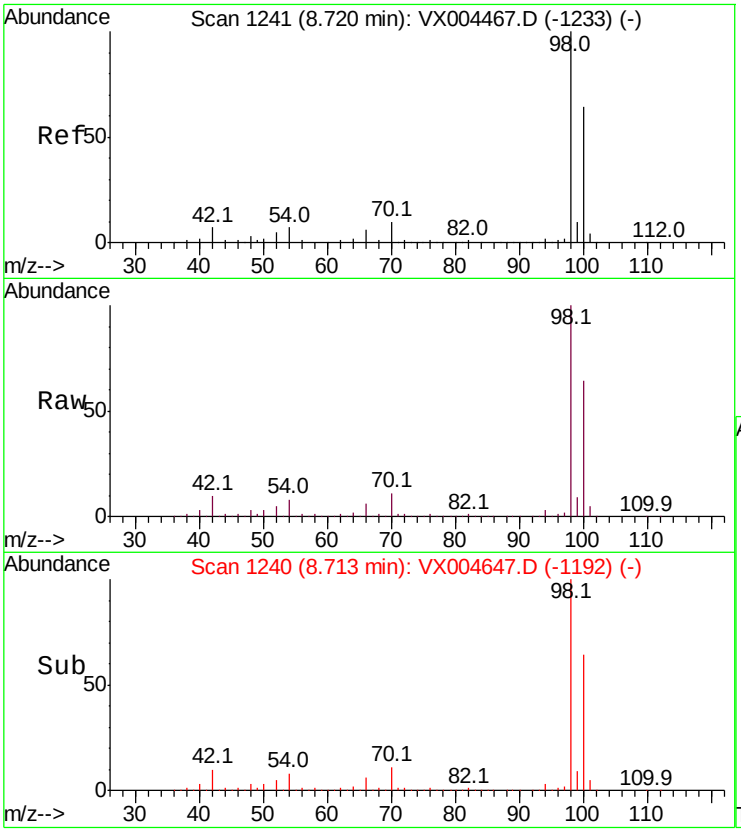




#38
Carbon Tetrachloride
Concen: 5.235 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX004647.D
Acq: 18 Sep 2018 10:20

Tgt Ion:117 Resp: 18689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 6.1 | 78.8 | 118.2# |
| 121 | 0.0 | 24.9 | 37.3# |



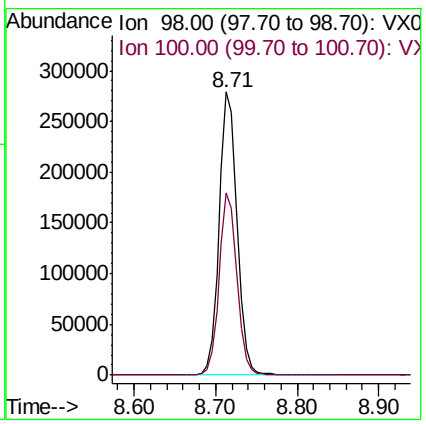


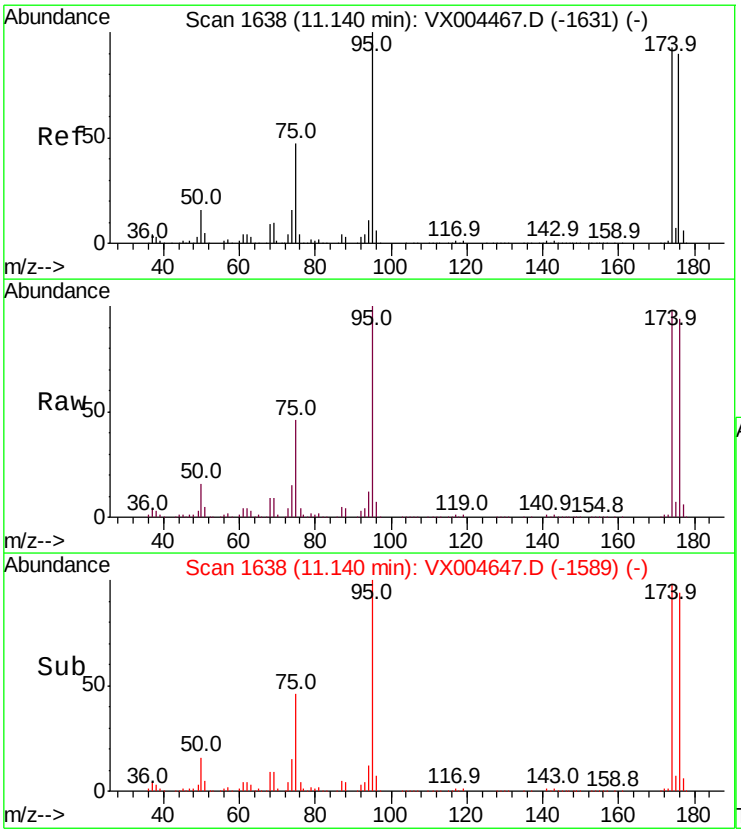

#50
Toluene-d8
Concen: 46.362 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004647.D
Acq: 18 Sep 2018 10:20

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

Tgt Ion: 98 Resp: 428301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.8 | 52.9 | 79.3 |

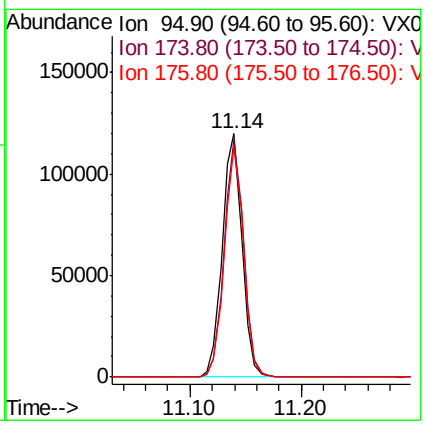


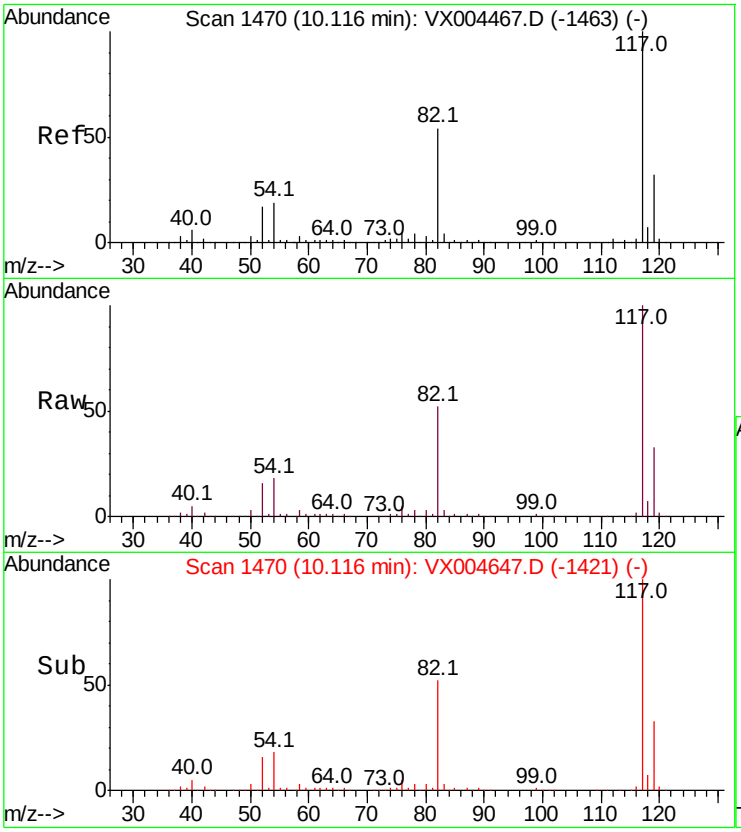




#62
4-Bromofluorobenzene
Concen: 44.575 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004647.D
Acq: 18 Sep 2018 10:20

Tgt Ion: 95 Resp: 146992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 96.3 | 0.0 | 185.2 |
| 176 | 92.4 | 0.0 | 178.6 |



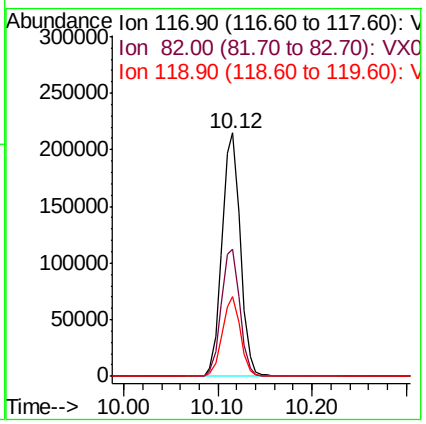


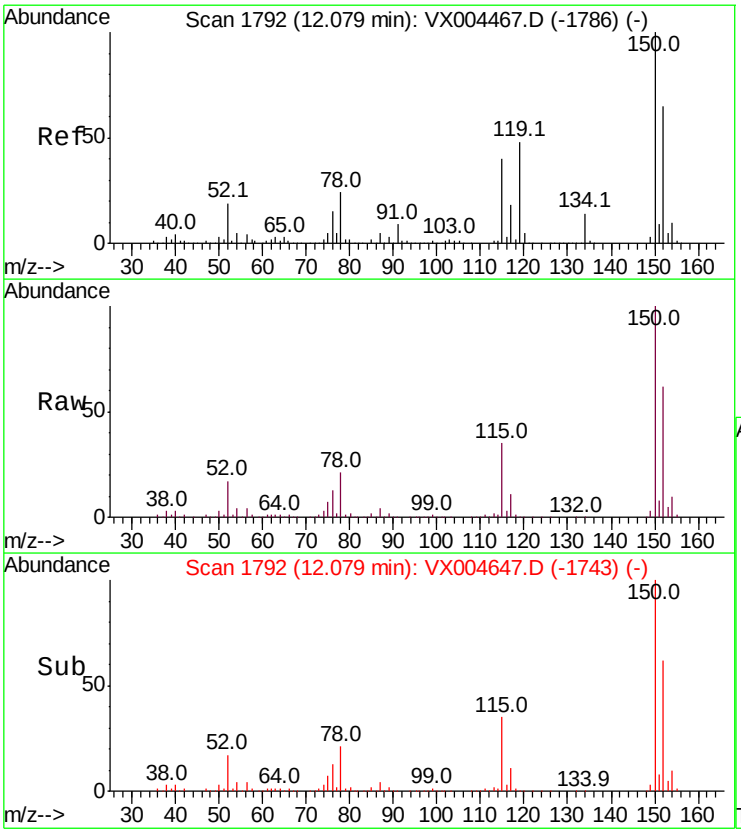

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004647.D
Acq: 18 Sep 2018 10:20

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

Tgt Ion:117 Resp: 289596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 52.1 | 47.8 | 71.6 |
| 119 | 32.9 | 29.3 | 43.9 |

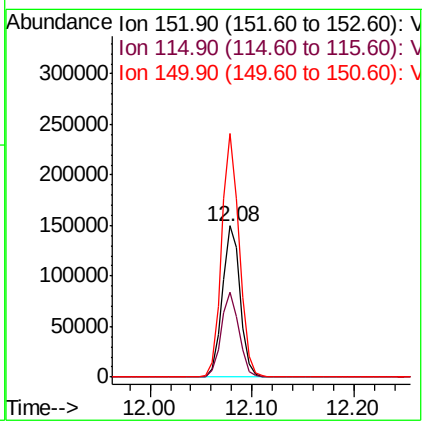


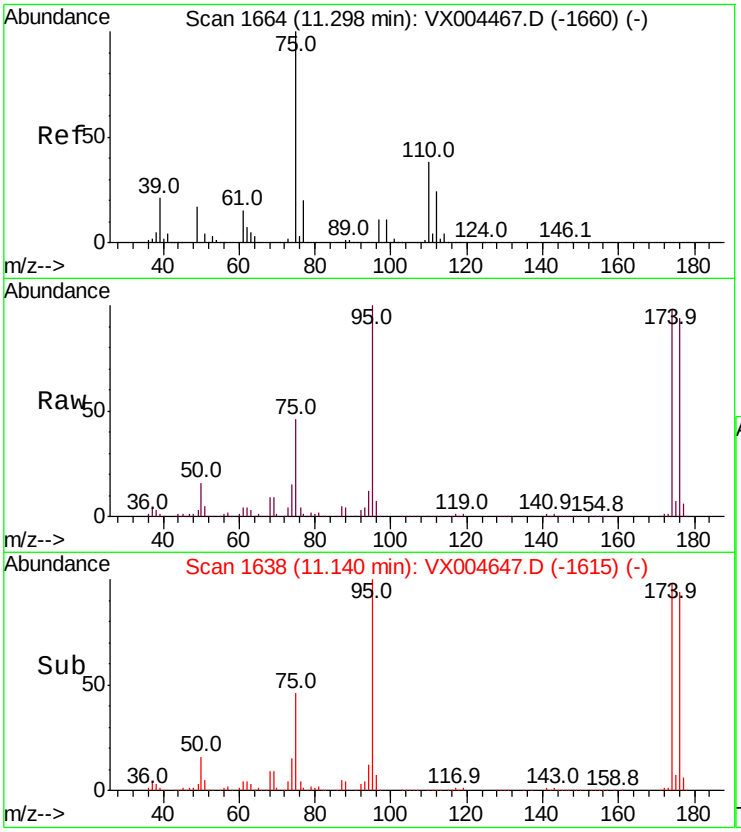




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004647.D
Acq: 18 Sep 2018 10:20

Tgt Ion:152 Resp: 180287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 56.0 | 39.0 | 117.0 |
| 150 | 159.7 | 0.0 | 351.0 |



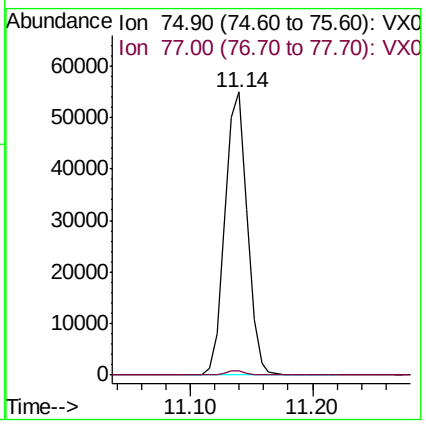


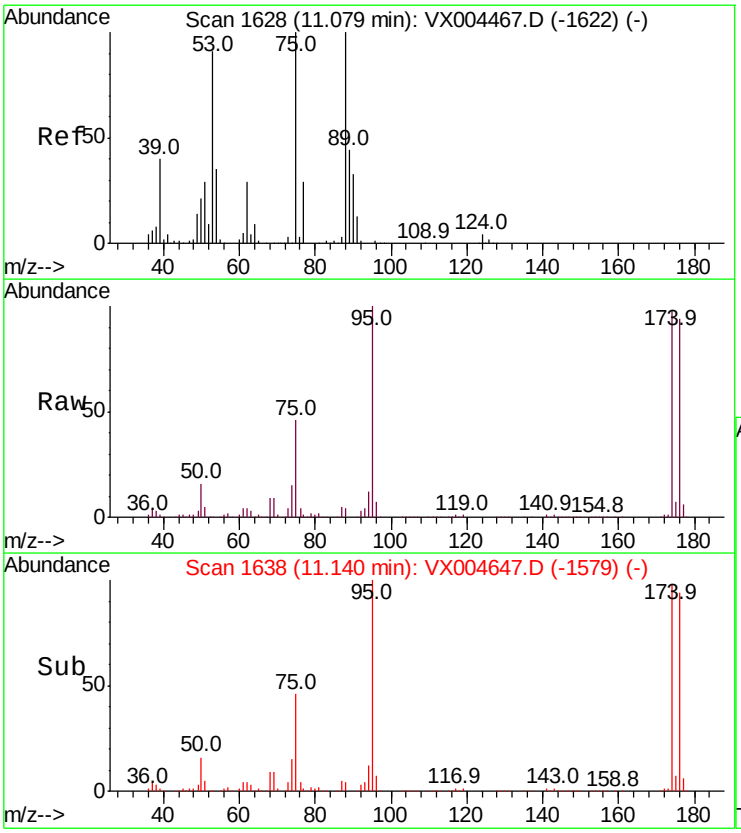

#76
1,2,3-Trichloropropane
Concen: 19.003 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004647.D
Acq: 18 Sep 2018 10:20

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

Tgt Ion: 75 Resp: 68926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.4 | 20.2 | 60.6# |




#81
trans-1,4-Dichloro-2-butene
Concen: 60.570 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004647.D
Acq: 18 Sep 2018 10:20

Tgt Ion: 75 Resp: 68926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.2 | 80.1 | 120.1# |
| 89 | 0.1 | 37.2 | 55.8# |