Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101818\
Data File : VX005442.D
Acq On : 18 Oct 2018 20:37
Operator : JC/MD
Sample : J5204-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** SU-03-101718-B

Quant Time: Oct 19 05:22:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.66 | 168 | 301485 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.87 | 114 | 436001 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 384119 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 189758 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 165677 | 49.51 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.02% | | | |
| 35) Dibromofluoromethane | 5.51 | 113 | 148778 | 51.52 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 103.04% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 509703 | 51.41 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.82% | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 169108 | 45.41 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.82% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 2.45 | 43 | 19398 | 10.027 | ug/l | 98 |
| 18) Methyl Acetate | 2.78 | 43 | 11023 | 2.003 | ug/l | 96 |
| 25) 2-Butanone | 4.71 | 43 | 4207 | 1.486 | ug/l | 95 |
| 43) Isopropyl Acetate | 6.46 | 43 | 174021 | 24.057 | ug/l | 98 |
| 84) 1,2,4-Trimethylbenzene | 11.81 | 105 | 14541 | 1.463 | ug/l | 99 |
| 95) Naphthalene | 13.83 | 128 | 1861554 | 142.249 | ug/l | 99 |

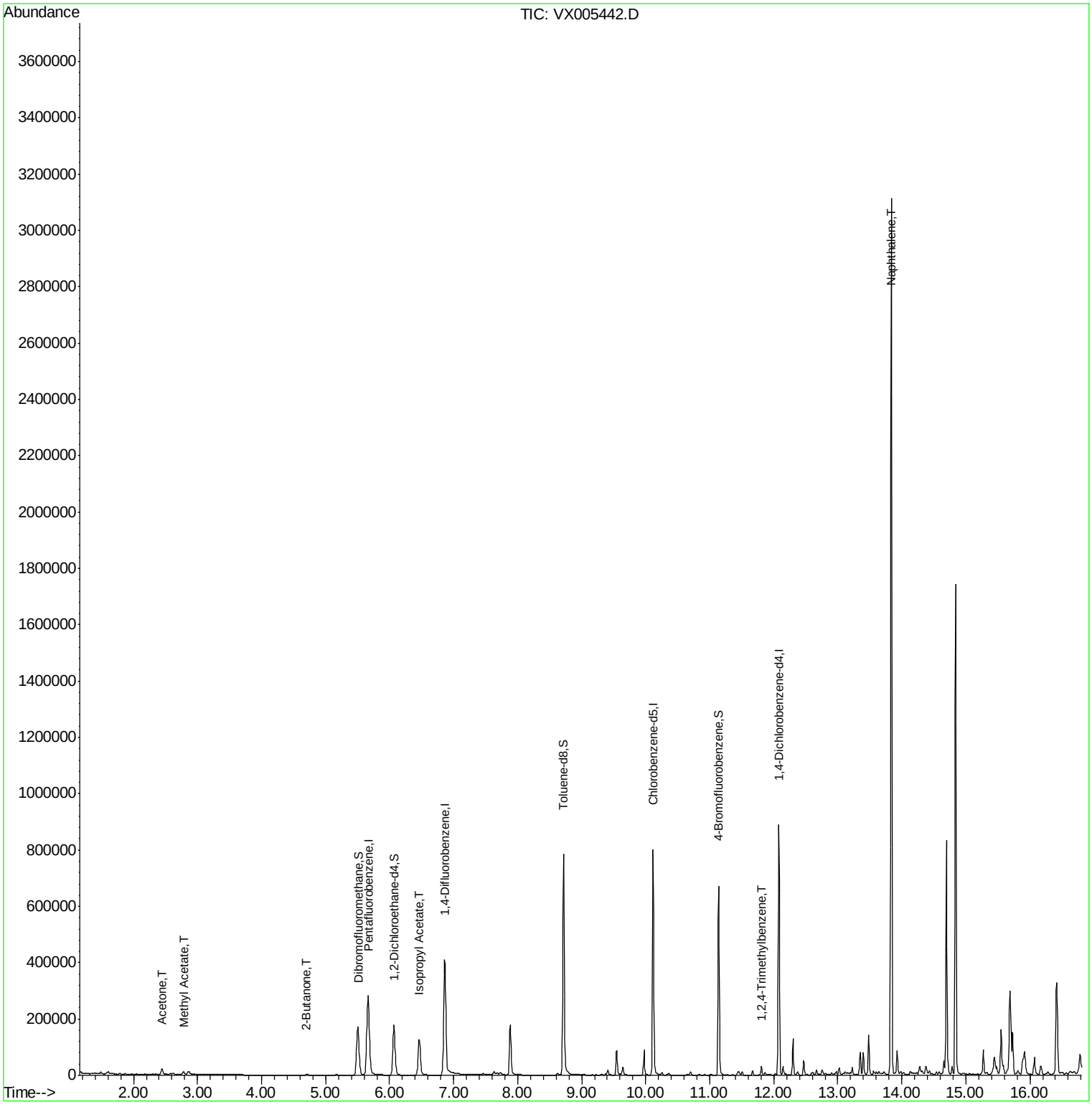
(#) = qualifier out of range (m) = manual integration (+) = signals summed

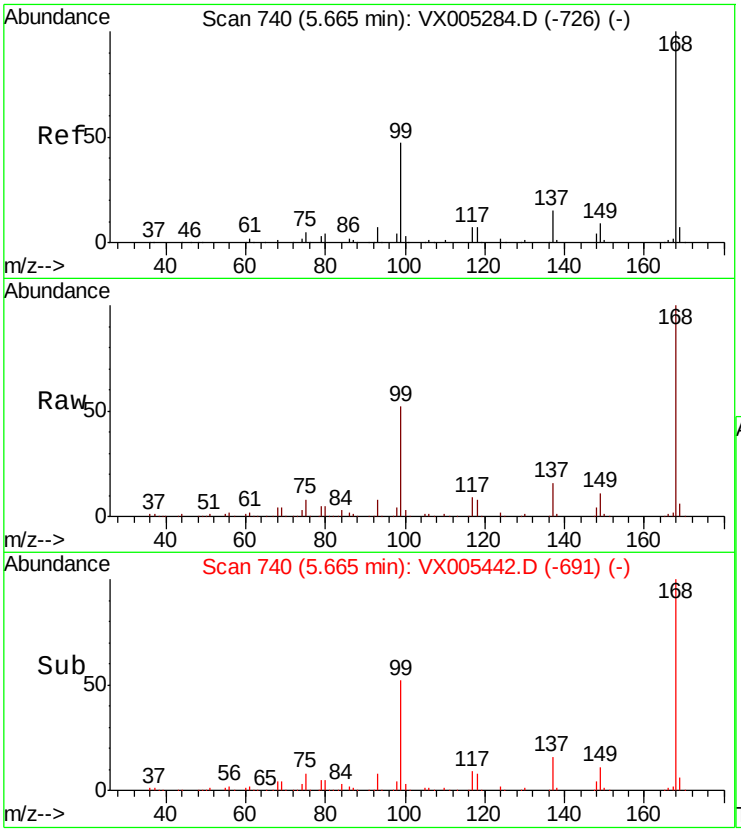
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101818\
Data File : VX005442.D
Acq On : 18 Oct 2018 20:37
Operator : JC/MD
Sample : J5204-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
SU-03-101718-B

Quant Time: Oct 19 05:22:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration



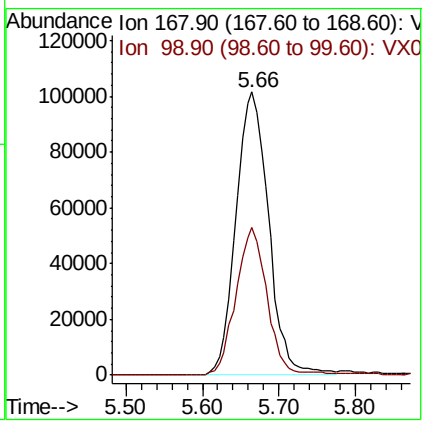


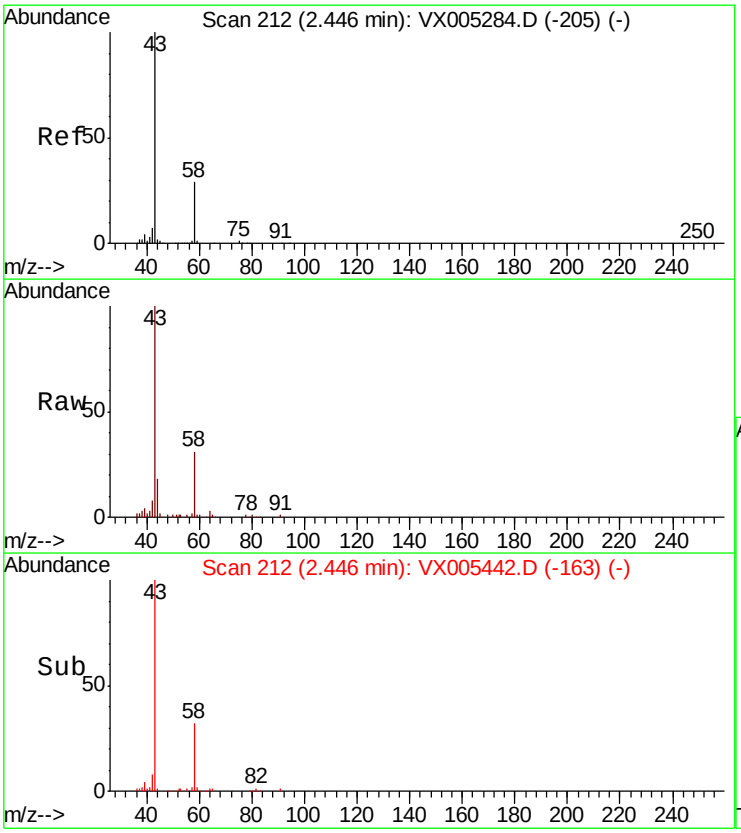

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
SU-03-101718-B

Tgt Ion:168 Resp: 301485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 52.2 | 39.9 | 59.9 |

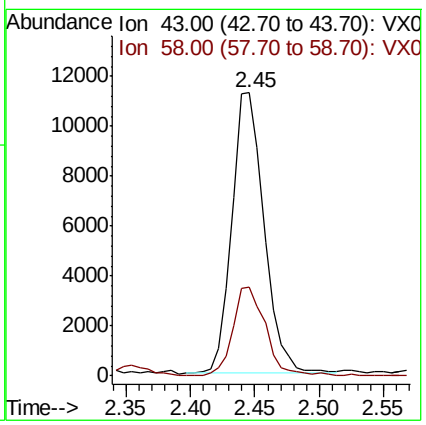


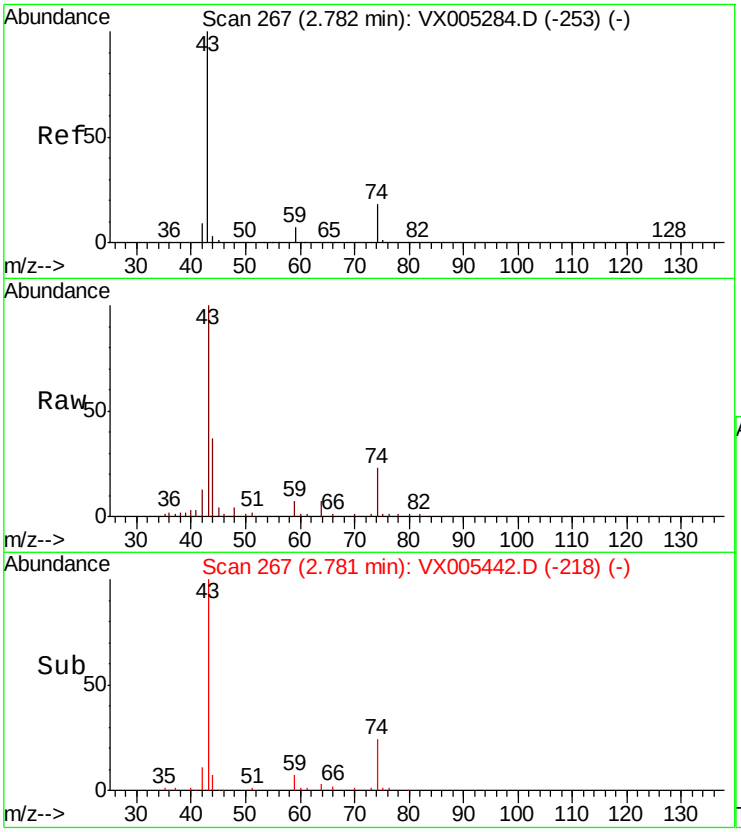




#16
Acetone
Concen: 10.027 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion: 43 Resp: 19398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.6 | 26.2 | 39.4 |



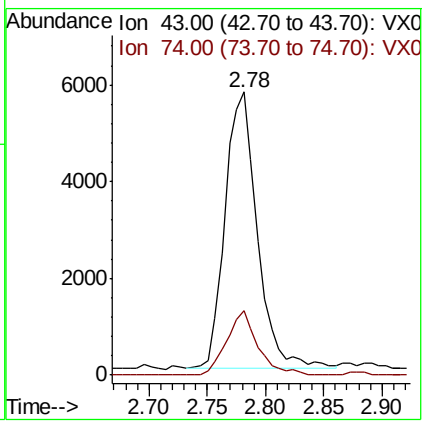


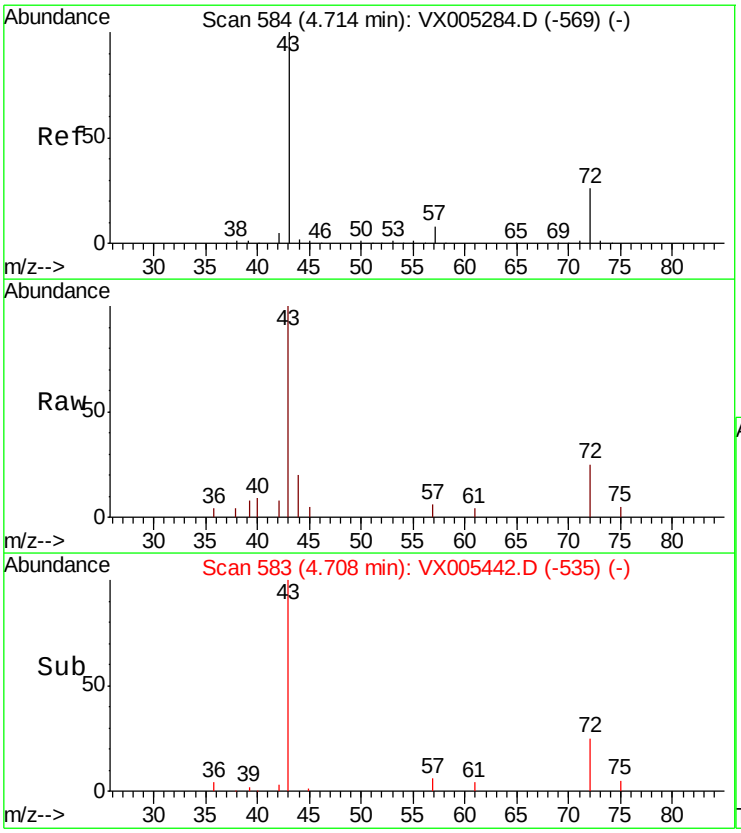

#18
Methyl Acetate
Concen: 2.003 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
SU-03-101718-B

Tgt Ion: 43 Resp: 11023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 22.4 | 19.4 | 29.2 |

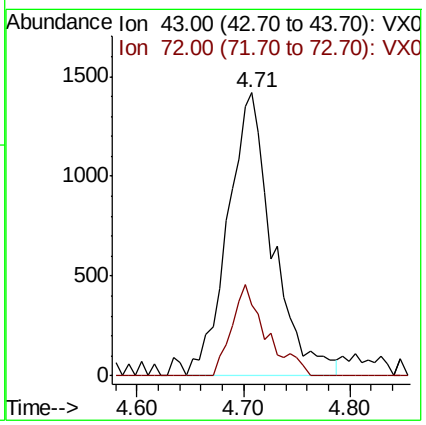


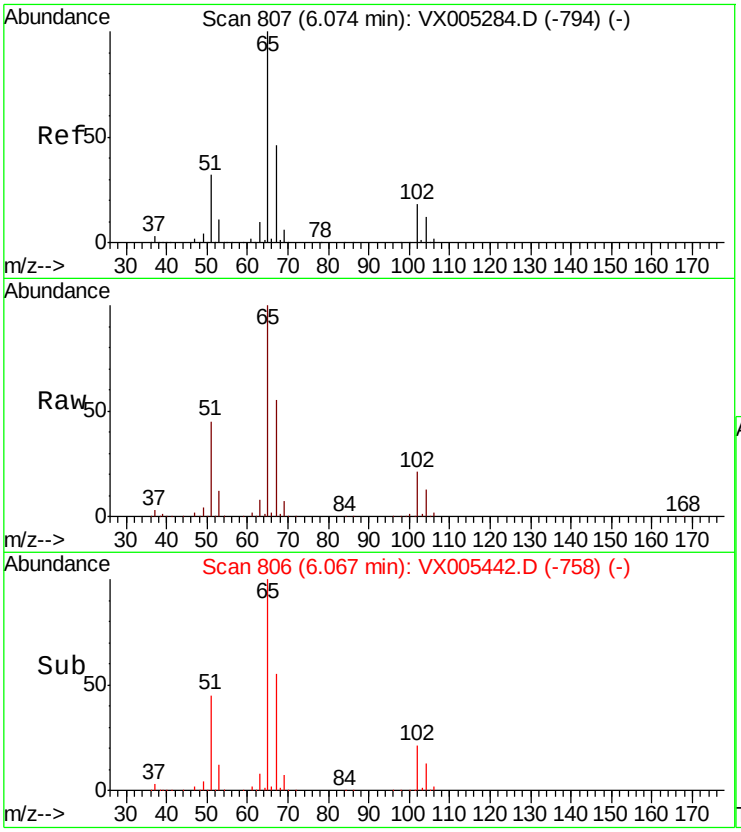




#25
2-Butanone
Concen: 1.486 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.01 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion: 43 Resp: 4207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 25.1 | 22.0 | 33.0 |



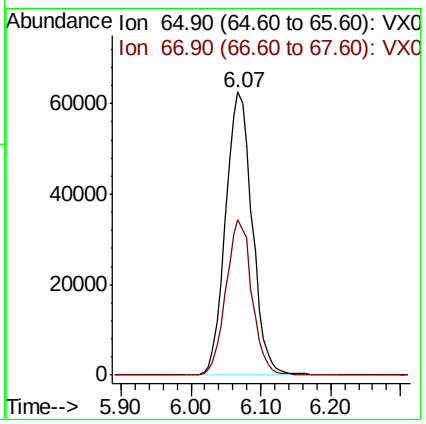


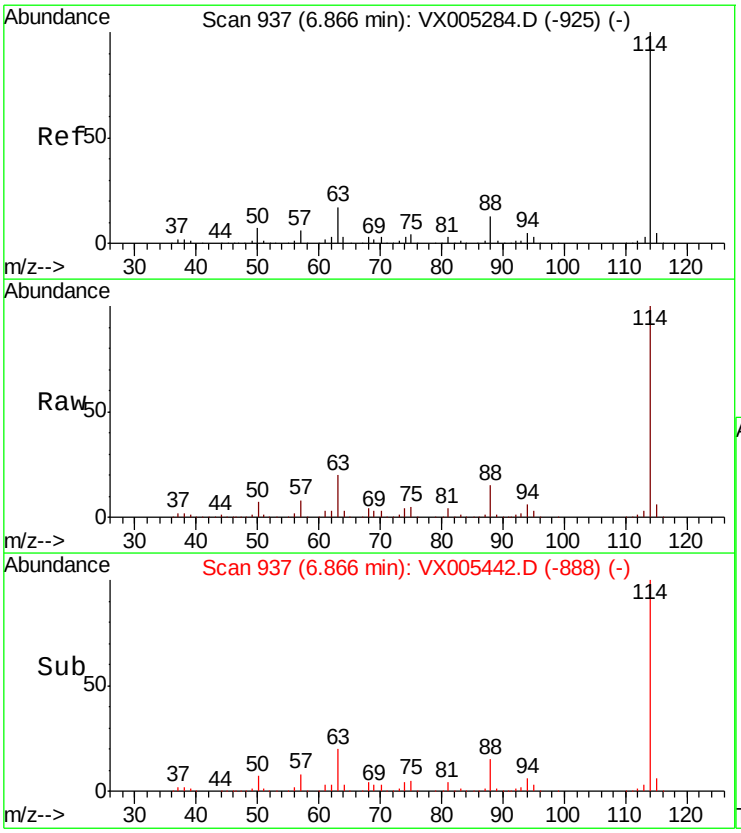

#33
1,2-Dichloroethane-d4
Concen: 49.515 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
SU-03-101718-B

Tgt Ion: 65 Resp: 165677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.6 | 0.0 | 106.8 |

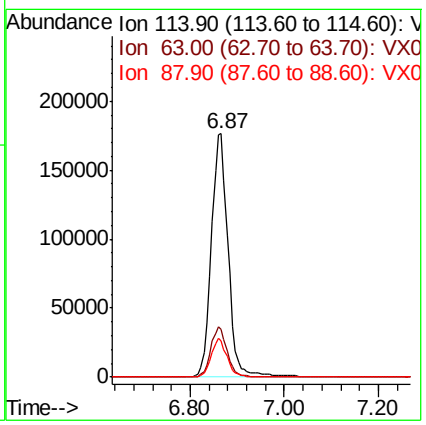


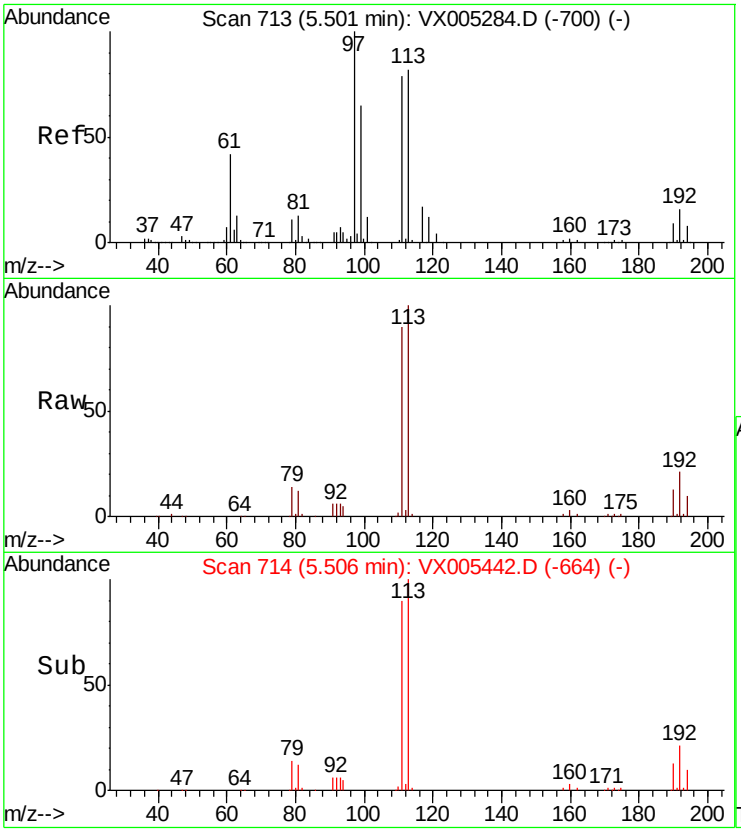




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion:114 Resp: 436001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.8 | 0.0 | 39.0 |
| 88 | 14.7 | 0.0 | 30.4 |



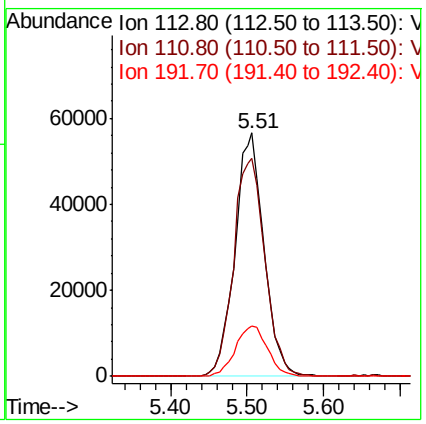


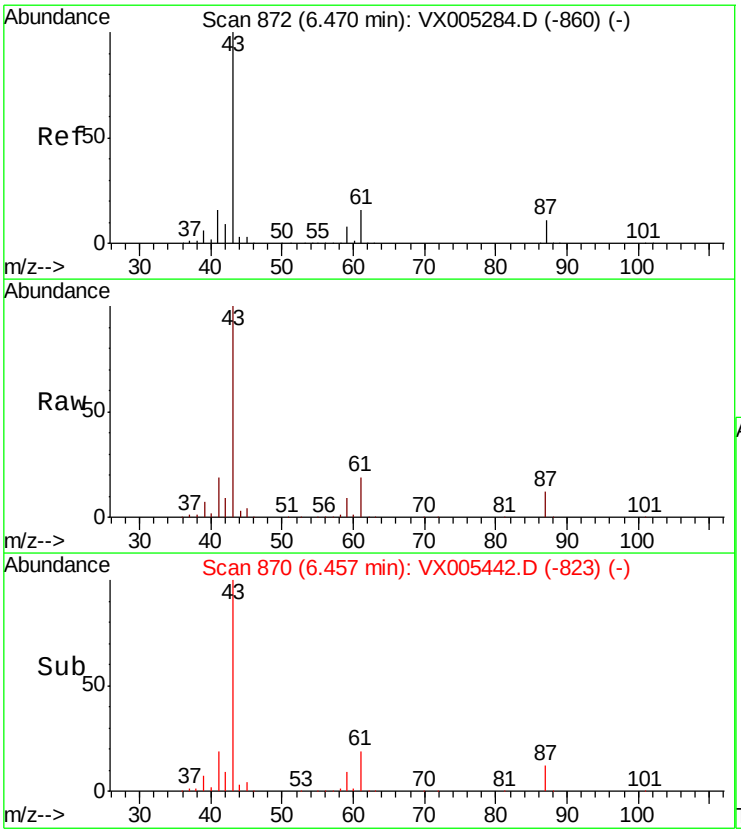

#35
Dibromofluoromethane
Concen: 51.521 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
SU-03-101718-B

Tgt Ion:113 Resp: 148778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 97.0 | 82.4 | 123.6 |
| 192 | 22.8 | 19.4 | 29.2 |

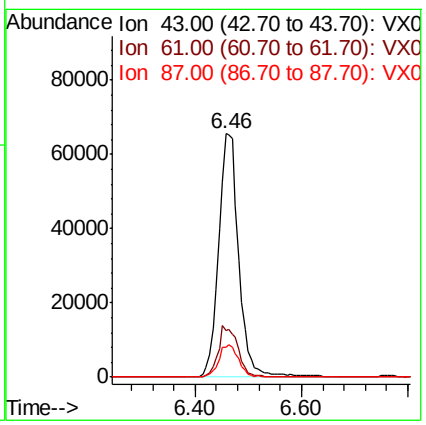


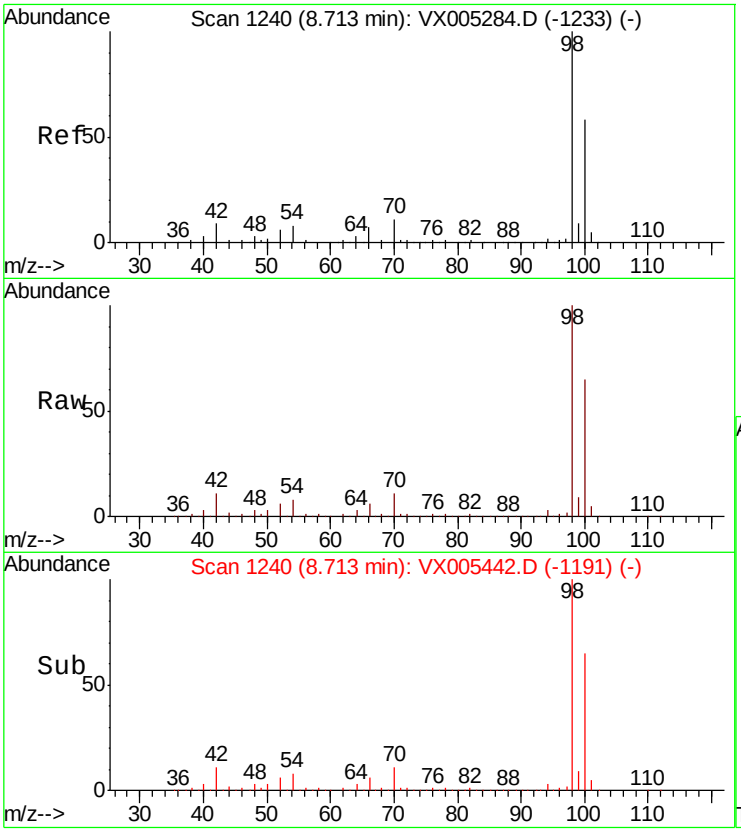




#43
Isopropyl Acetate
Concen: 24.057 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion: 43 Resp: 174021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.5 | 17.0 | 25.4 |
| 87 | 13.1 | 11.4 | 17.2 |



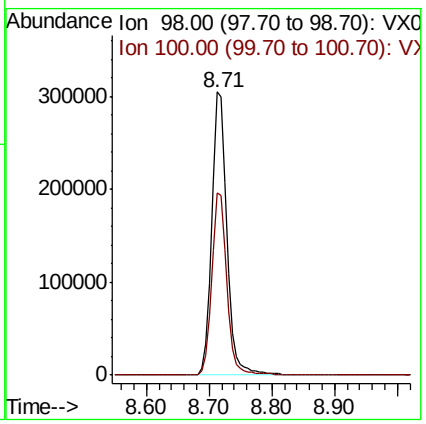


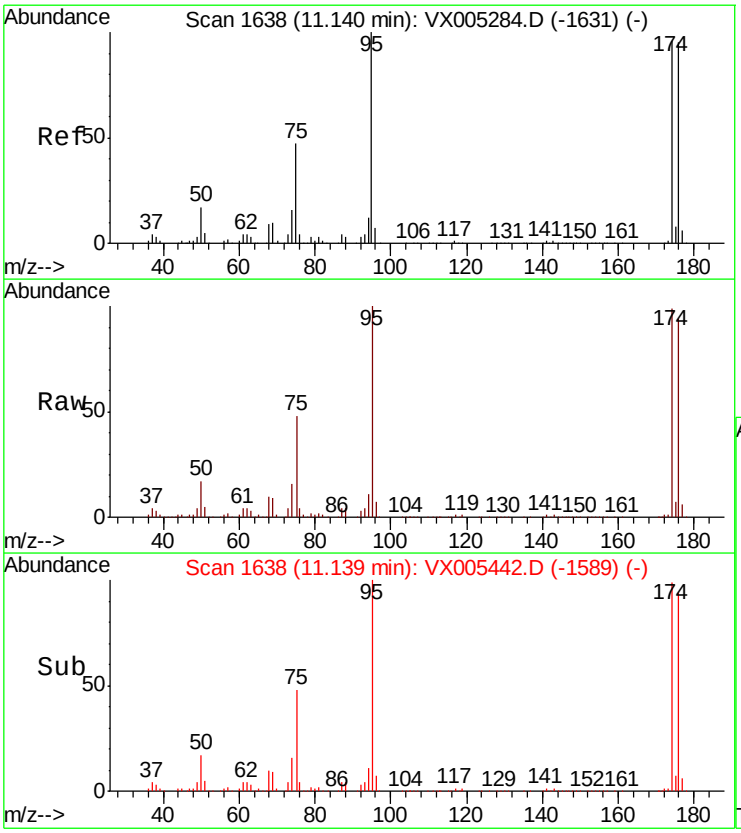

#50
Toluene-d8
Concen: 51.413 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
SU-03-101718-B

Tgt Ion: 98 Resp: 509703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.2 | 52.9 | 79.3 |

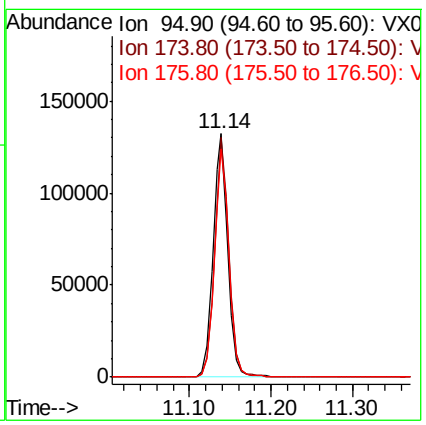


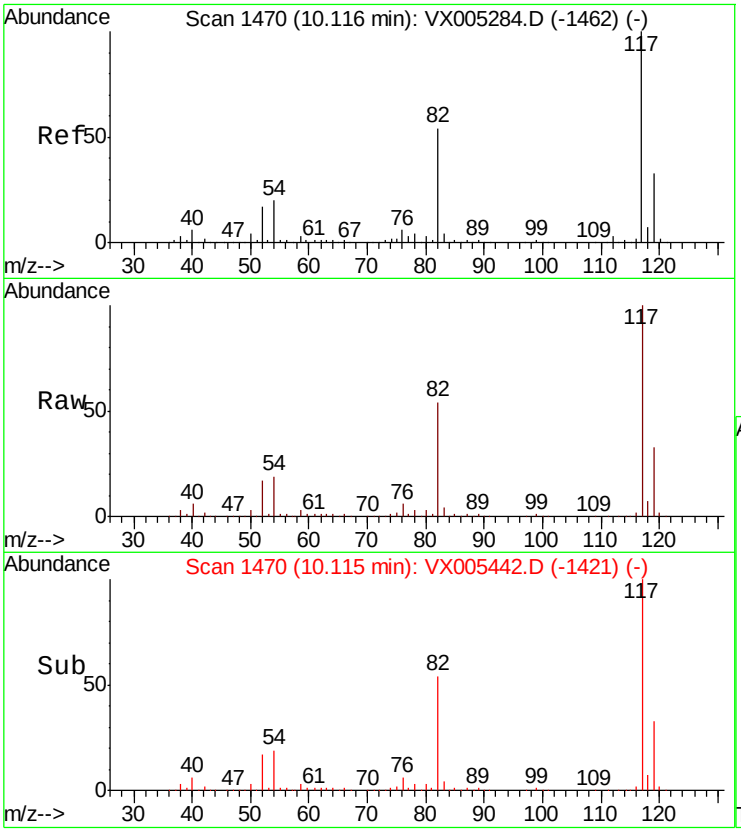




#62
4-Bromofluorobenzene
Concen: 45.407 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion: 95 Resp: 169108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 95.8 | 0.0 | 185.2 |
| 176 | 92.8 | 0.0 | 178.6 |



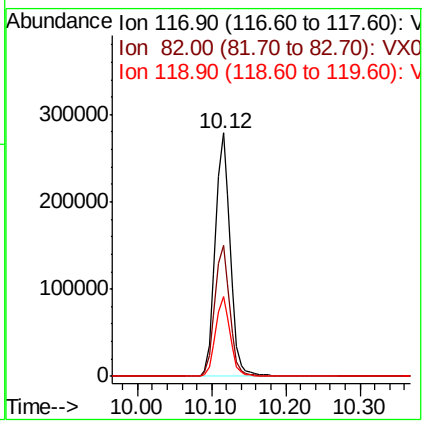


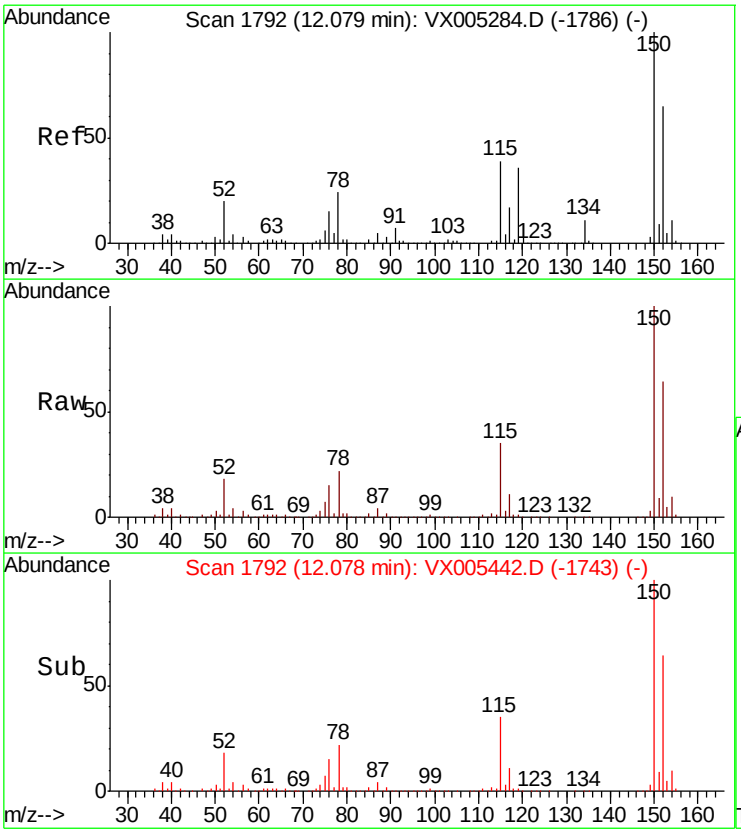

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

**Instrument :** MSVOA_X
**ClientSampleId :** SU-03-101718-B

Tgt Ion:117 Resp: 384119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.5 | 47.8 | 71.6 |
| 119 | 32.6 | 29.3 | 43.9 |

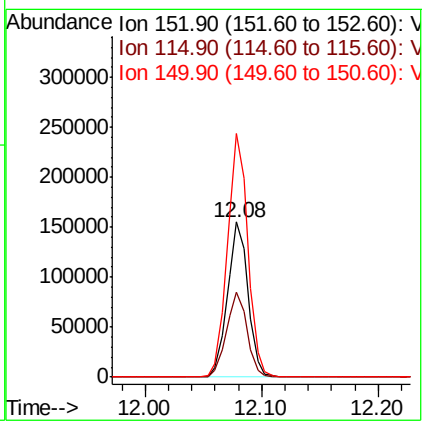


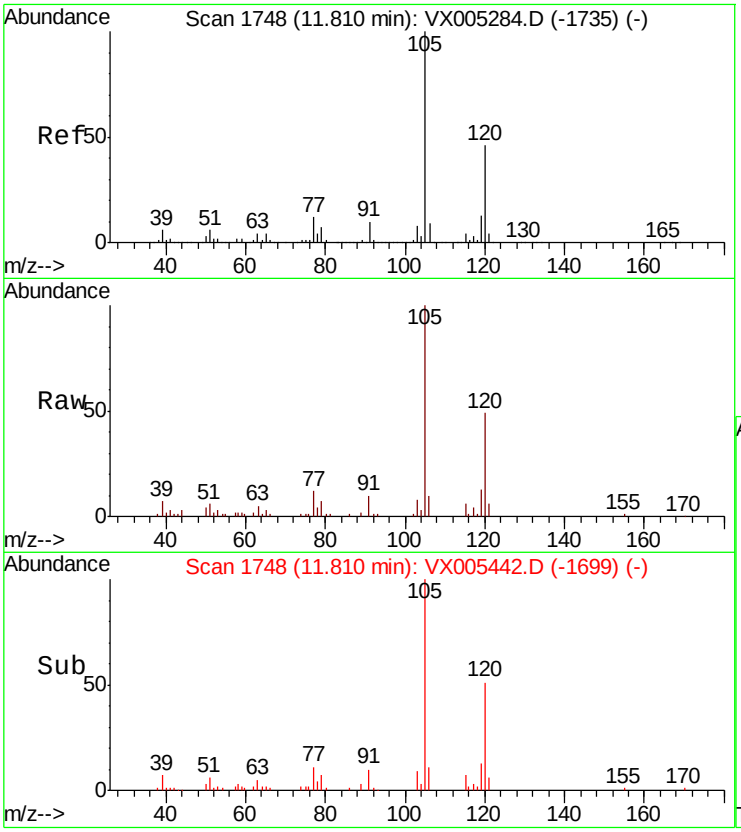




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion:152 Resp: 189758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 55.2 | 39.0 | 117.0 |
| 150 | 156.7 | 0.0 | 351.0 |



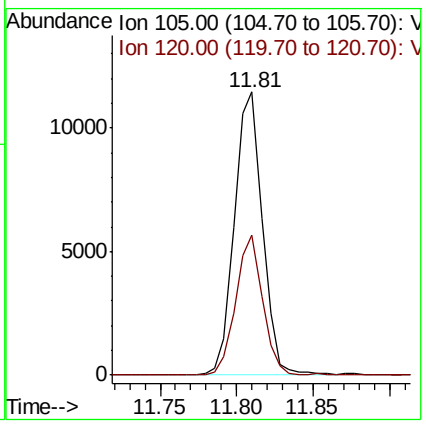


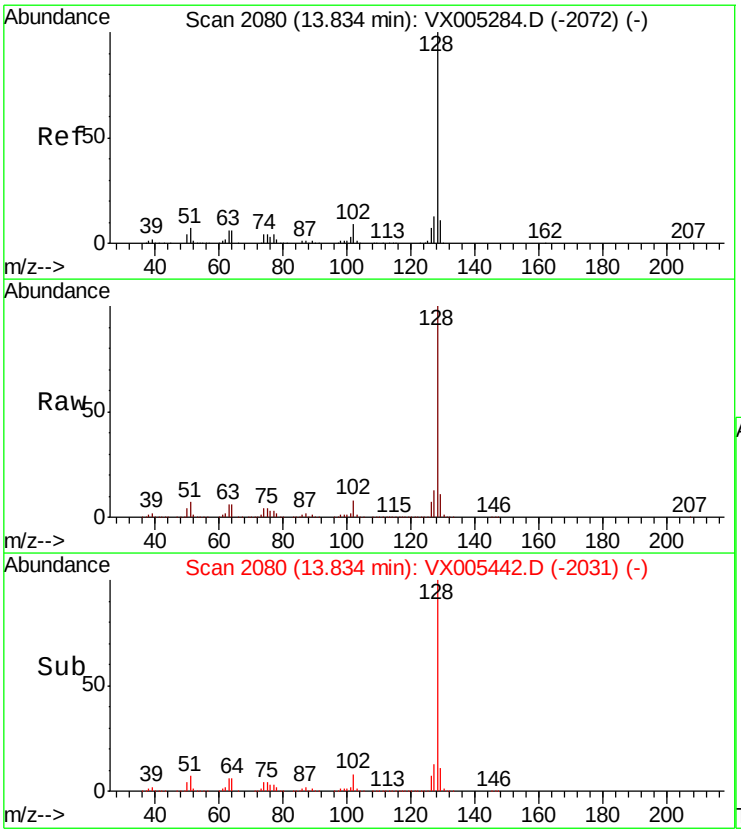

#84
1,2,4-Trimethylbenzene
Concen: 1.463 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
SU-03-101718-B

Tgt Ion:105 Resp: 14541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.1 | 23.2 | 69.6 |




#95
Naphthalene
Concen: 142.249 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005442.D
Acq: 18 Oct 2018 20:37

Tgt Ion:128 Resp: 1861554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.0 | 10.2 | 15.2 |
| 129 | 11.1 | 8.6 | 12.8 |