Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121218\
Data File : VX006449.D
Acq On : 12 Dec 2018 17:05
Operator : JC/MD
Sample : J6358-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** BP-FW-MW02-20181211

Quant Time: Dec 13 09:58:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 718543 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 1109304 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 1014462 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 480809 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 366990 | 50.03 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.06% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 337357 | 46.97 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 93.94% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 1306774 | 50.02 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.04% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 478737 | 48.63 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.26% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 24) 1,1-Dichloroethane | 3.70 | 63 | 26413 | 2.303 | ug/l | 97 |
| 44) Trichloroethene | 7.21 | 130 | 38801 | 4.578 | ug/l | 96 |
| 64) Tetrachloroethene | 9.34 | 164 | 28017 | 3.667 | ug/l | 93 |

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

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BP-FW-MW02-20181211

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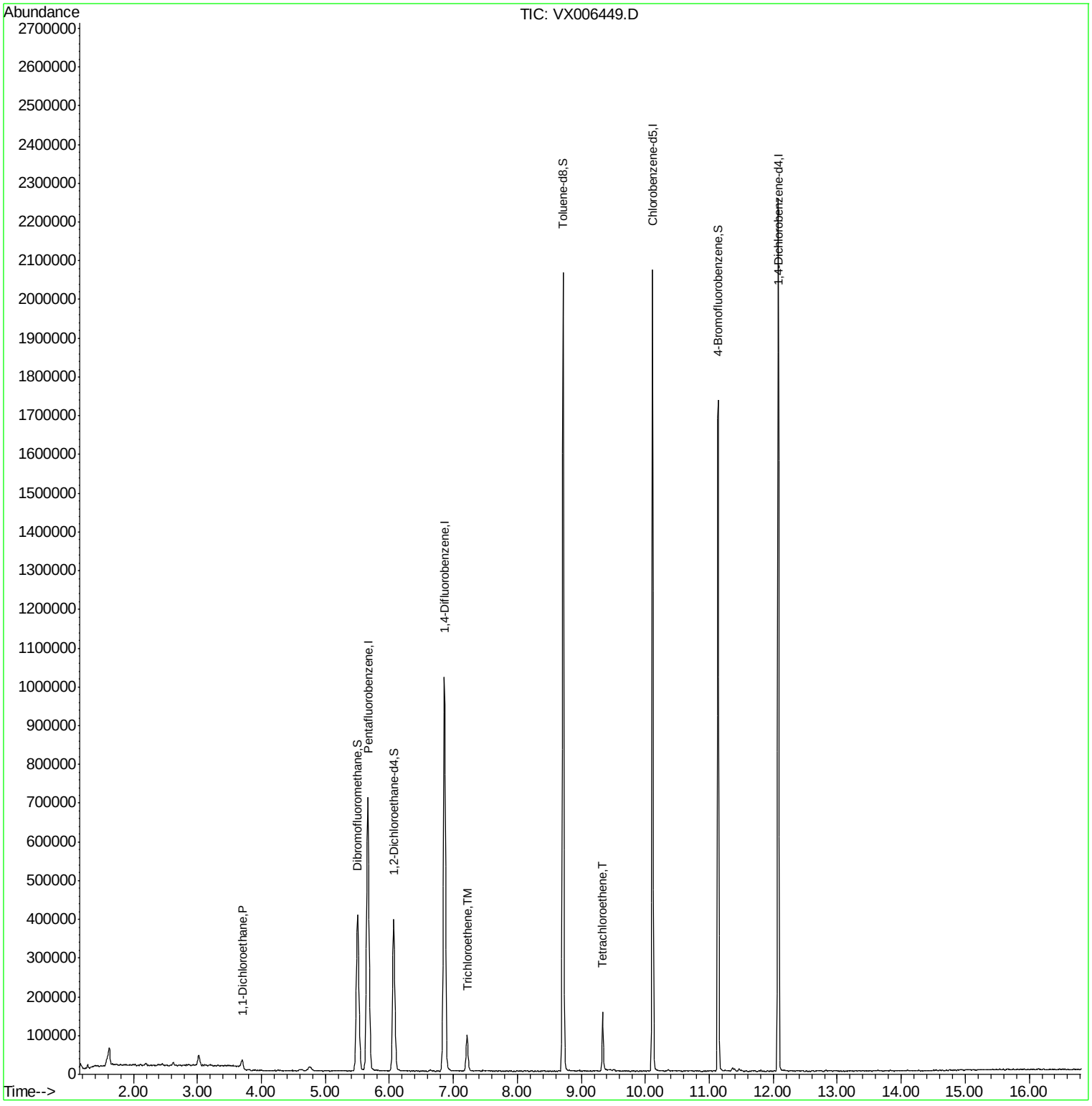
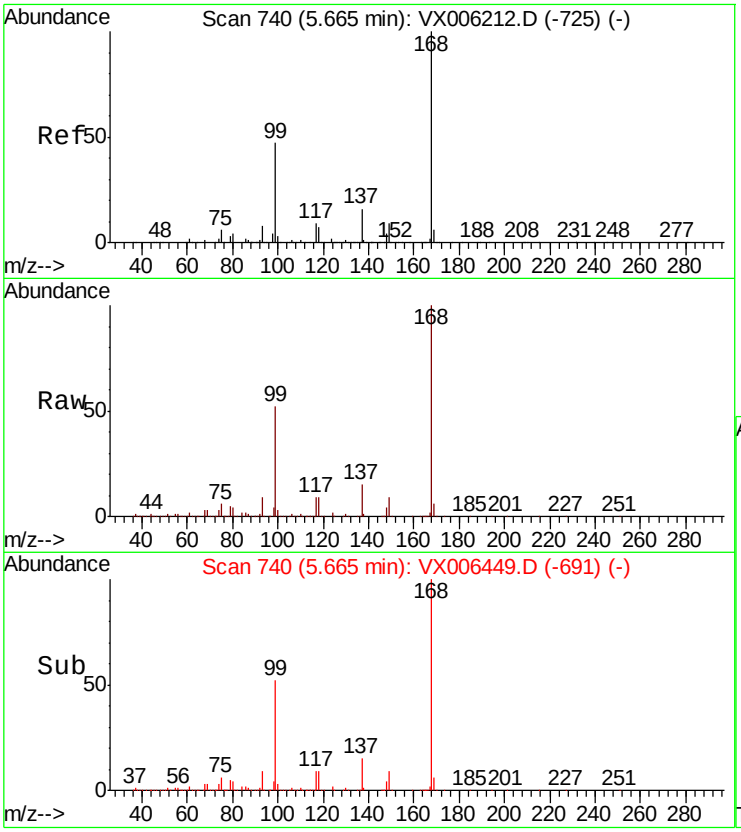


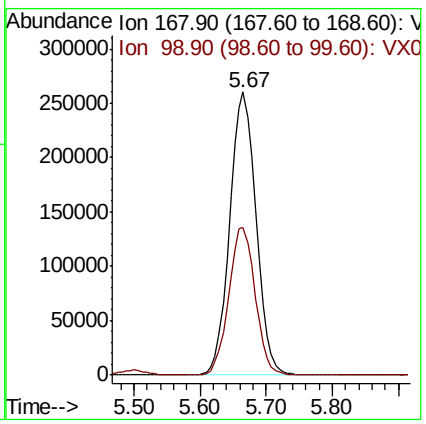


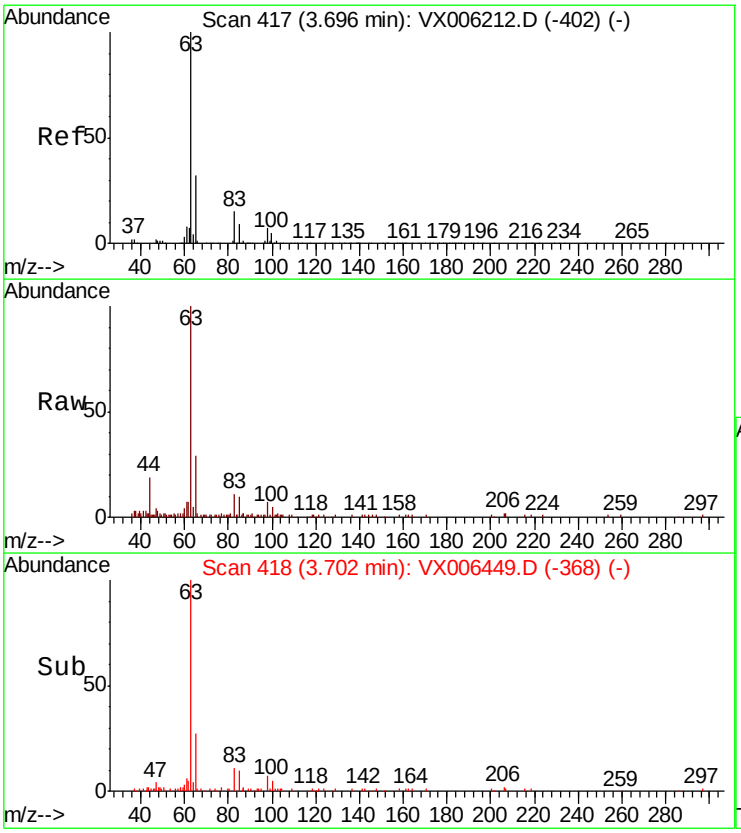

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006449.D
Acq: 12 Dec 2018 17:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-FW-MW02-20181211

Tgt Ion:168 Resp: 718543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 52.0 | 37.8 | 56.8 |

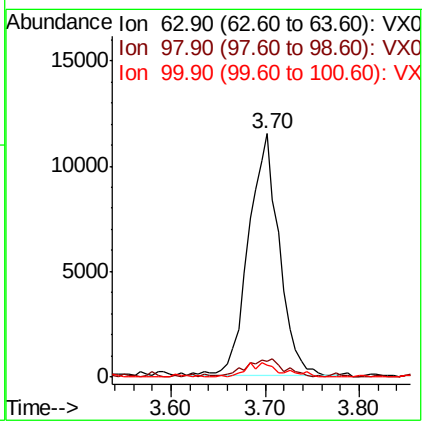


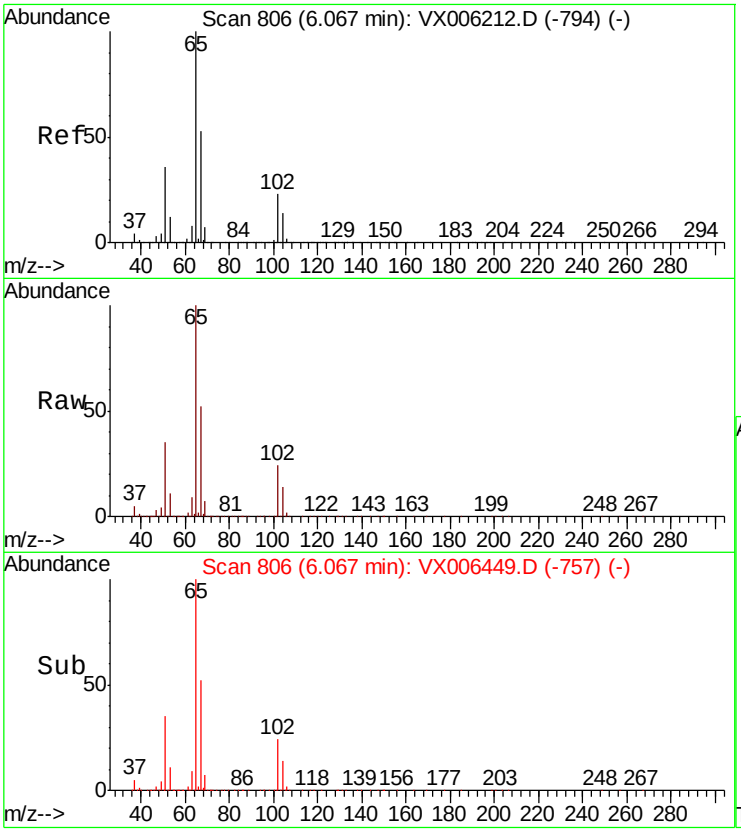




#24
1,1-Dichloroethane
Concen: 2.303 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX006449.D
Acq: 12 Dec 2018 17:05

Tgt Ion: 63 Resp: 26413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.0 | 3.8 | 11.4 |
| 100 | 5.1 | 2.5 | 7.4 |



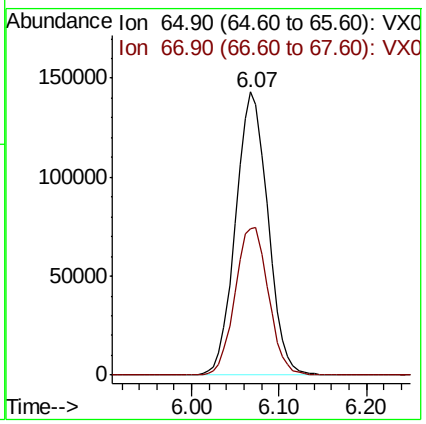


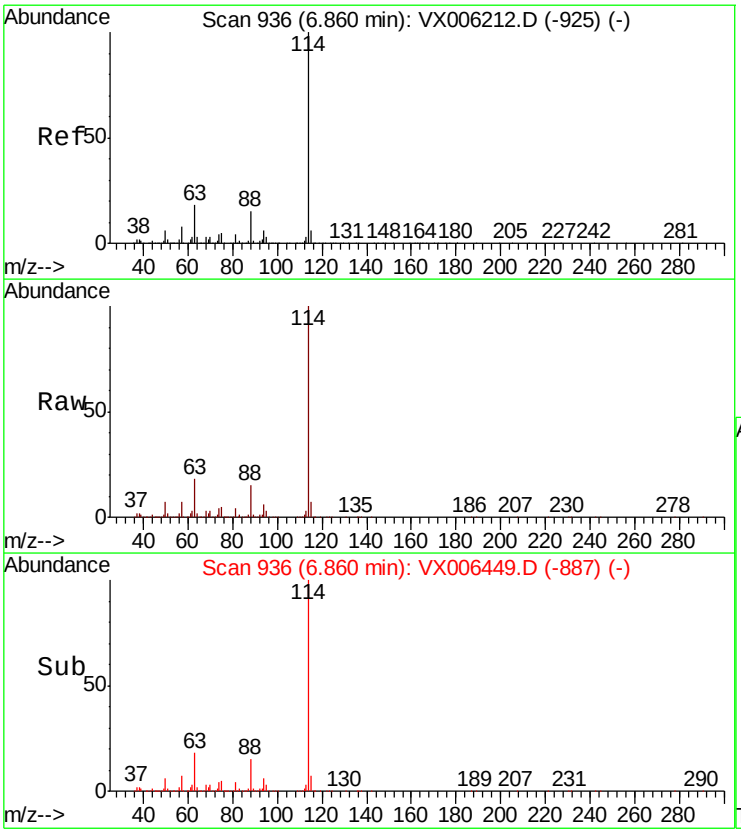

#33
1,2-Dichloroethane-d4
Concen: 50.032 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006449.D
Acq: 12 Dec 2018 17:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-FW-MW02-20181211

Tgt Ion: 65 Resp: 366990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.9 | 0.0 | 107.2 |

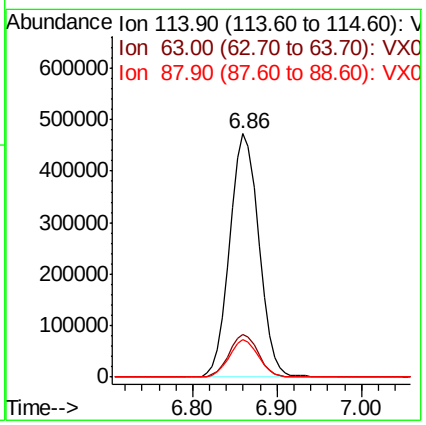


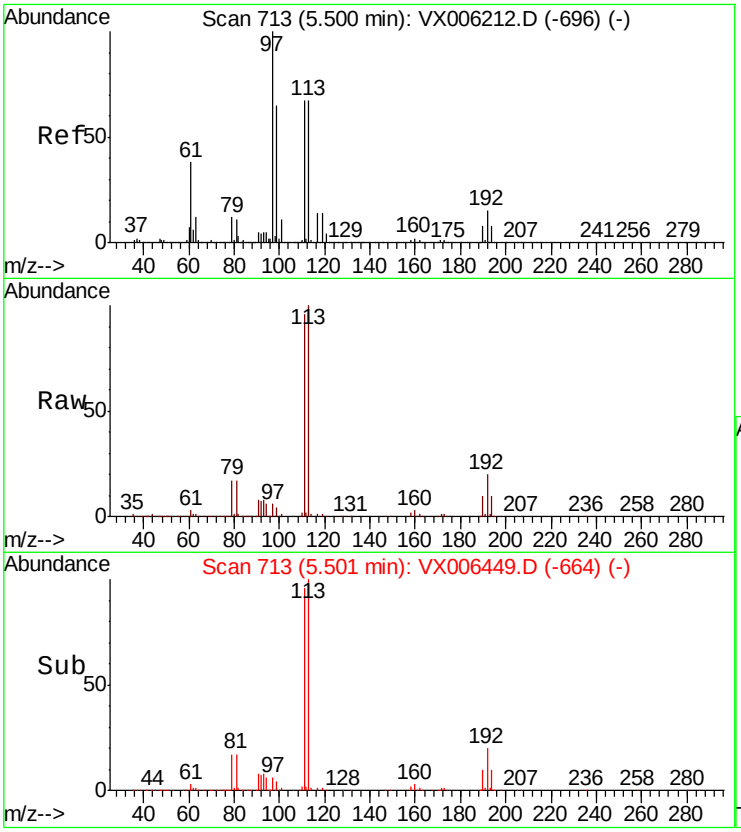




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006449.D
Acq: 12 Dec 2018 17:05

Tgt Ion:114 Resp: 1109304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 17.5 | 0.0 | 36.6 |
| 88 | 15.2 | 0.0 | 29.0 |



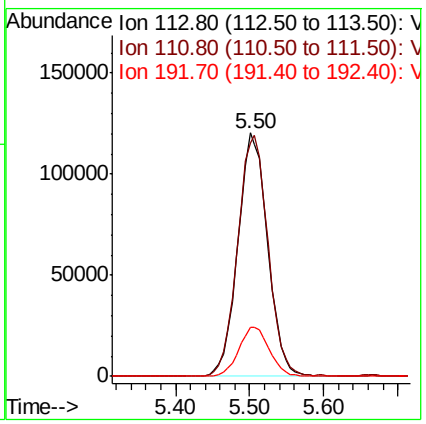


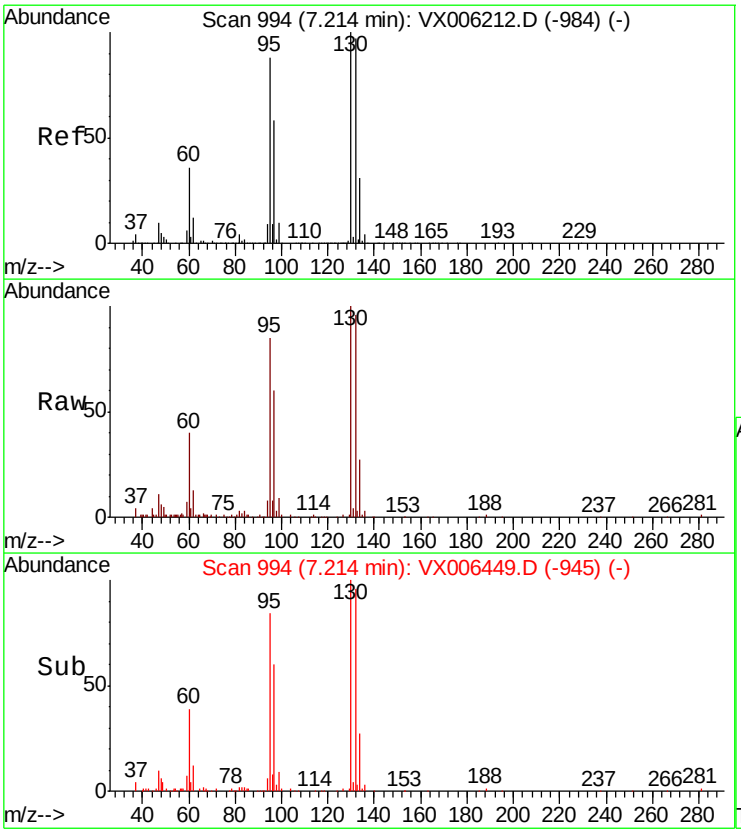

#35
Dibromofluoromethane
Concen: 46.971 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006449.D
Acq: 12 Dec 2018 17:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-FW-MW02-20181211

Tgt Ion:113 Resp: 337357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.1 | 81.1 | 121.7 |
| 192 | 20.7 | 18.2 | 27.2 |

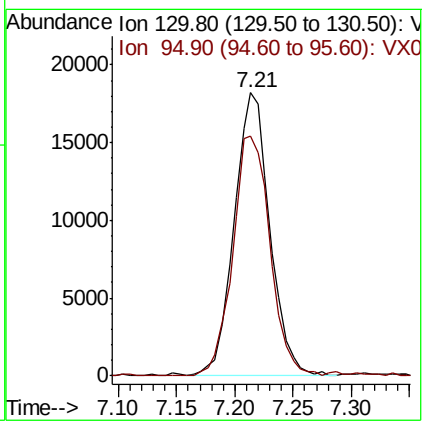


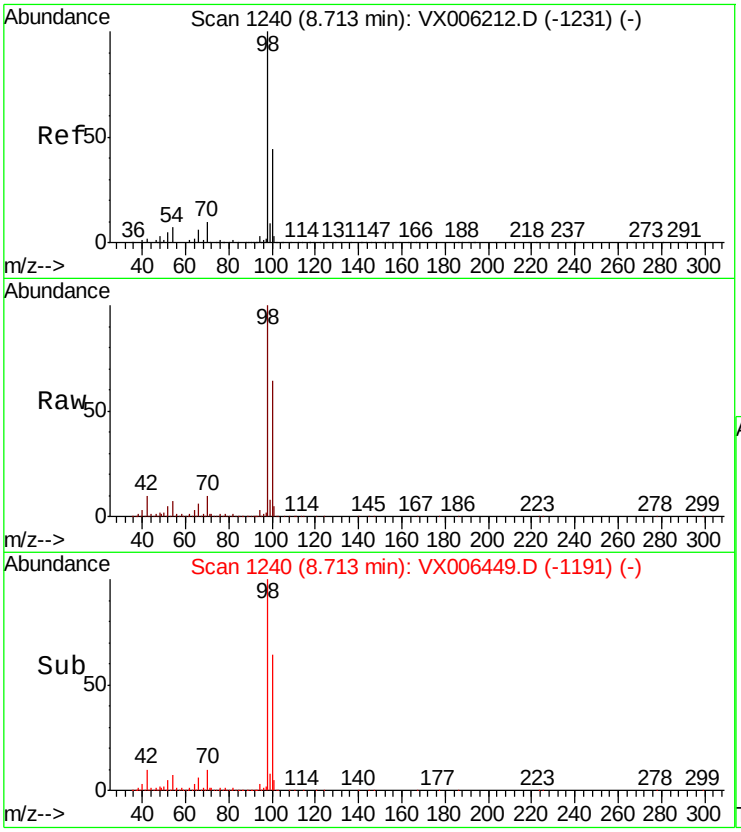




#44
Trichloroethene
Concen: 4.578 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX006449.D
Acq: 12 Dec 2018 17:05

Tgt Ion:130 Resp: 38801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 84.4 | 0.0 | 175.8 |



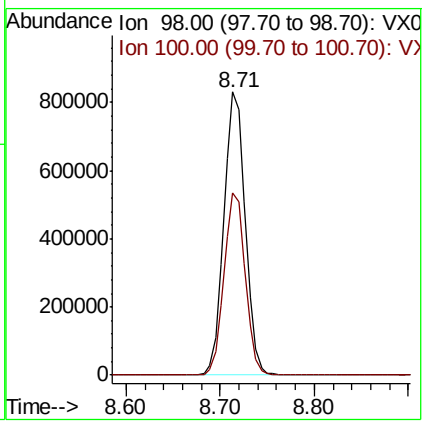


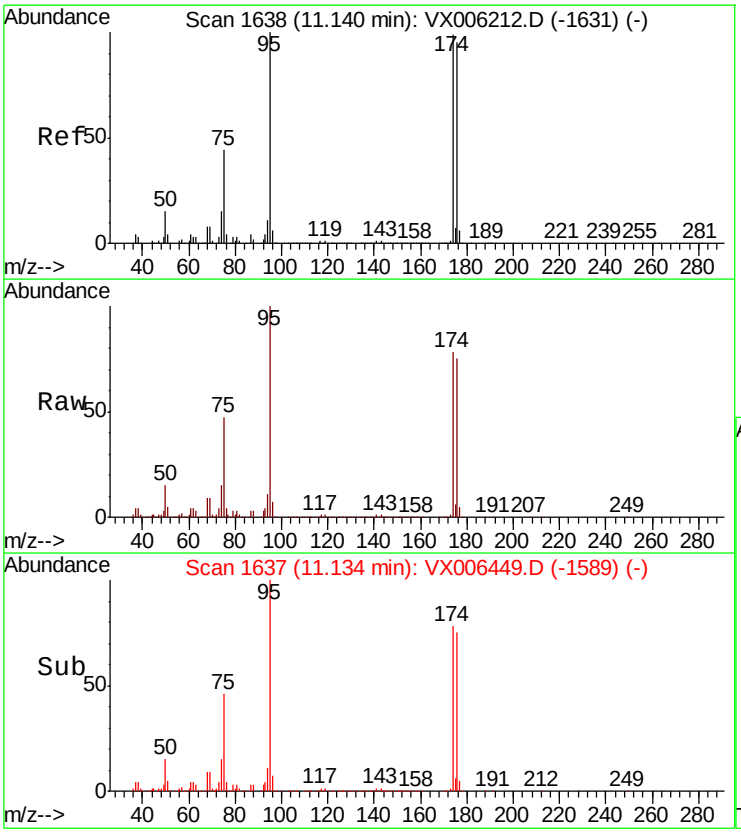

#50
Toluene-d8
Concen: 50.020 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006449.D
Acq: 12 Dec 2018 17:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-FW-MW02-20181211

Tgt Ion: 98 Resp: 1306774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.1 | 52.2 | 78.2 |

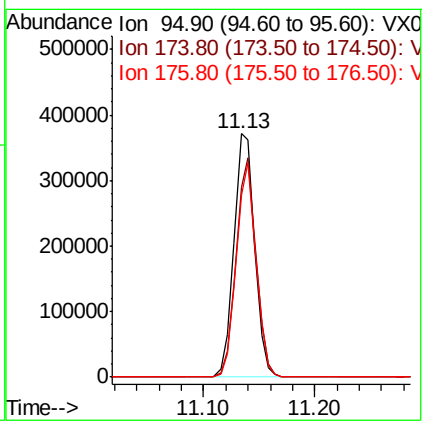


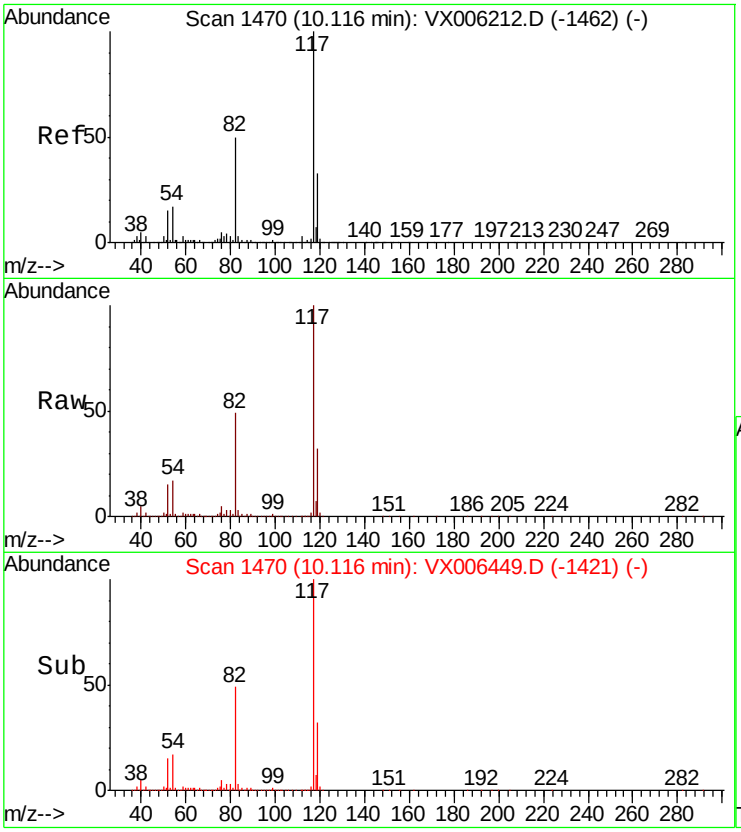




#62
4-Bromofluorobenzene
Concen: 48.629 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006449.D
Acq: 12 Dec 2018 17:05

Tgt Ion: 95 Resp: 478737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 86.9 | 0.0 | 187.0 |
| 176 | 84.0 | 0.0 | 181.8 |



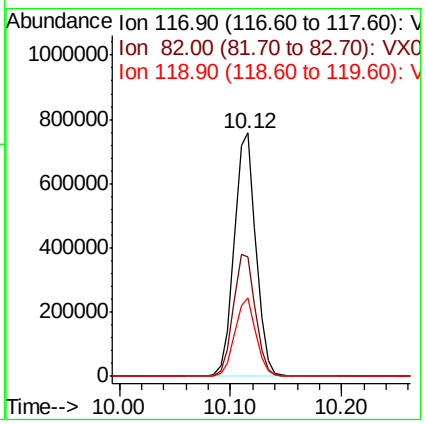


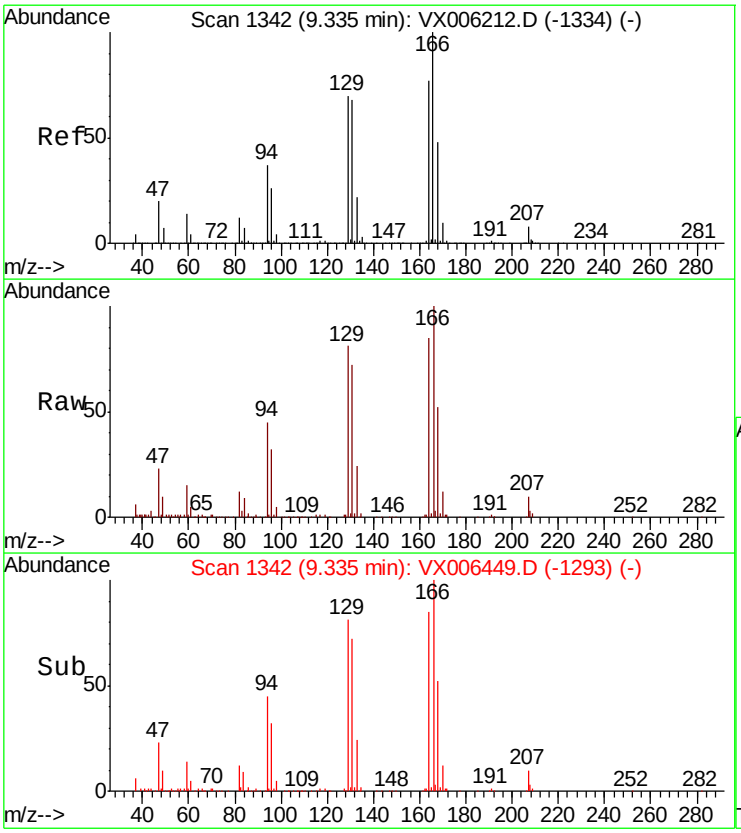

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006449.D
Acq: 12 Dec 2018 17:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-FW-MW02-20181211

Tgt Ion:117 Resp: 1014462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 49.1 | 39.6 | 59.4 |
| 119 | 32.1 | 26.3 | 39.5 |

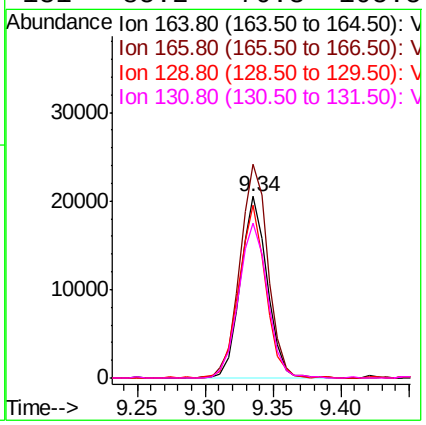


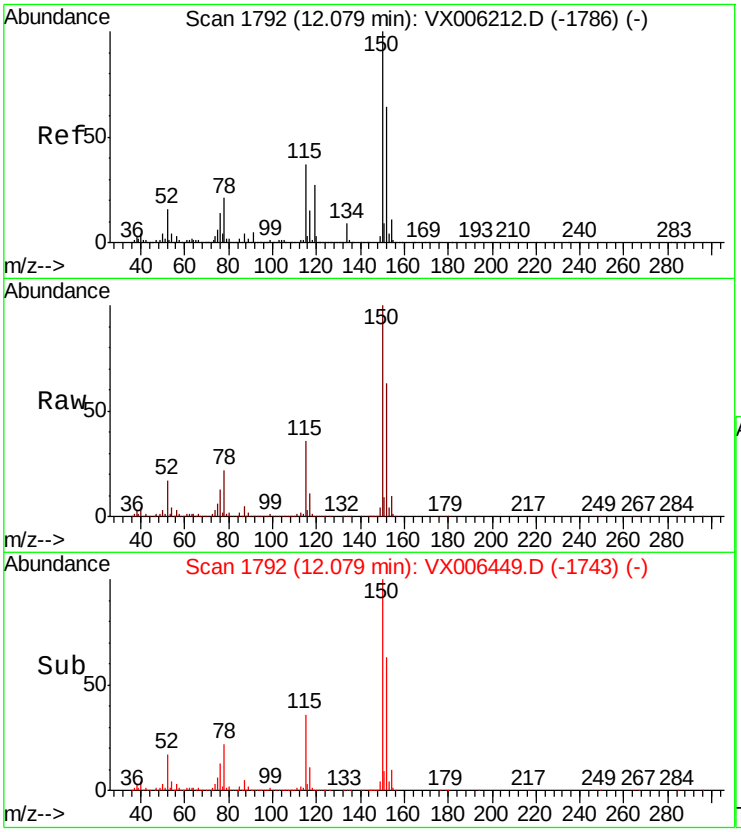




#64
Tetrachloroethene
Concen: 3.667 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006449.D
Acq: 12 Dec 2018 17:05

Tgt Ion:164 Resp: 28017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 117.8 | 104.2 | 156.2 |
| 129 | 95.2 | 72.6 | 108.8 |
| 131 | 85.2 | 70.3 | 105.5 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006449.D
Acq: 12 Dec 2018 17:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-FW-MW02-20181211

Tgt Ion:152 Resp: 480809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 56.4 | 39.0 | 116.9 |
| 150 | 157.5 | 0.0 | 345.8 |