Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
Data File : VX011192.D
Acq On : 30 Jul 2019 14:10
Operator : JC/SP
Sample : K4043-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** BP-VPB203-DUP-20190724

Quant Time: Jul 31 08:20:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 218794 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 317898 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 278178 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152 | 130056 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 108622 | 46.67 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 93.34% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 95287 | 47.22 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 94.44% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 367658 | 48.58 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.16% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 120100 | 43.17 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 86.34% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 1877 | 0.963 | ug/l # | 86 |
| 16) Acetone | 2.44 | 43 | 3656 | 3.478 | ug/l | 93 |
| 24) 1,1-Dichloroethane | 3.70 | 63 | 5897 | 1.701 | ug/l # | 91 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 8987 | 3.755 | ug/l | 89 |
| 30) Chloroform | 5.21 | 83 | 1630 | 0.435 | ug/l # | 73 |
| 44) Trichloroethene | 7.21 | 130 | 47412 | 20.025 | ug/l | 95 |
| 64) Tetrachloroethene | 9.34 | 164 | 1417 | 0.648 | ug/l | 88 |

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

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**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB203-DUP-20190724

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
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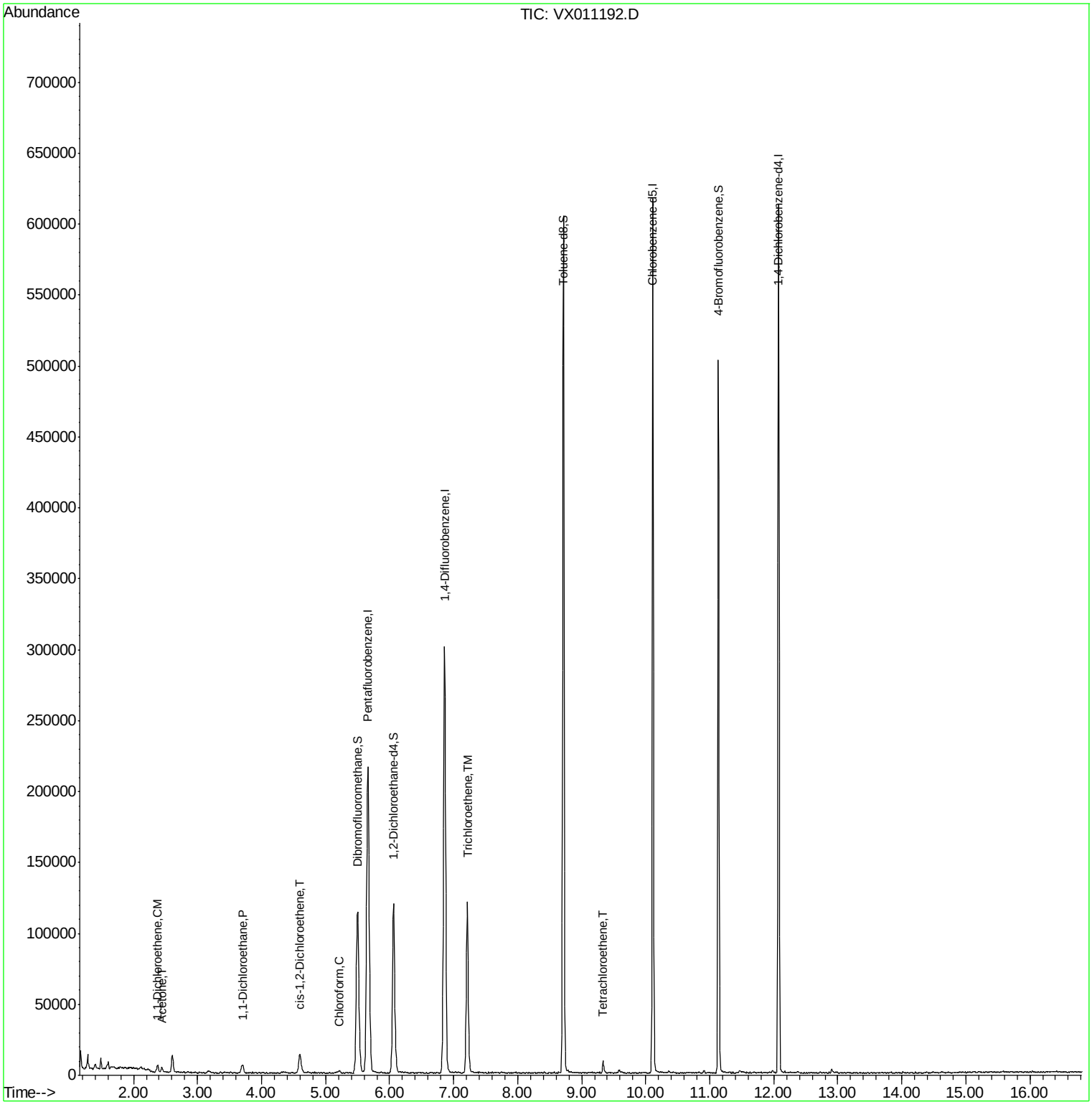
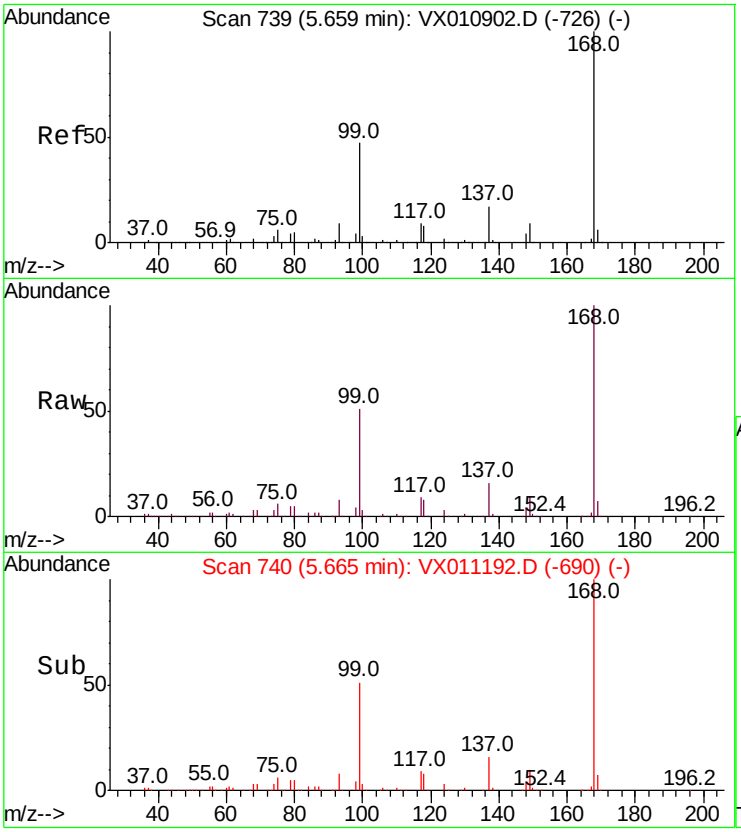


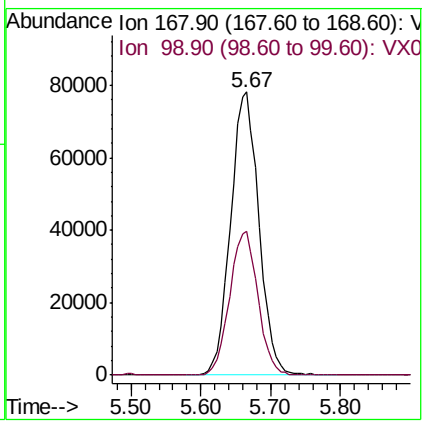


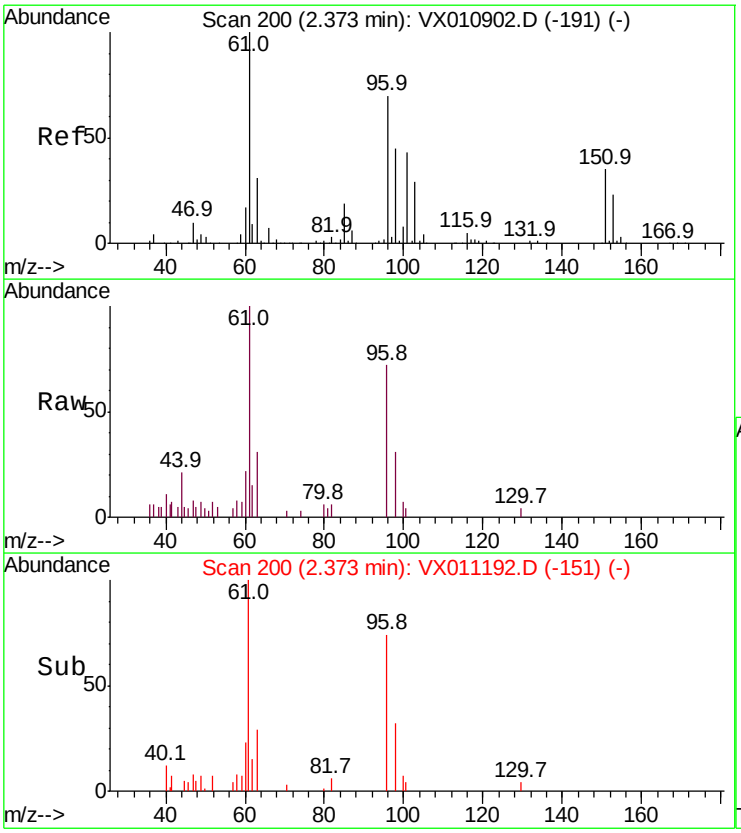

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX011192.D
Acq: 30 Jul 2019 14:10

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB203-DUP-20190724

Tgt Ion:168 Resp: 218794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 50.7 | 37.6 | 56.4 |

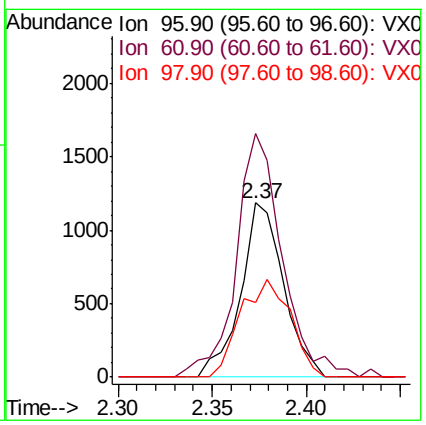


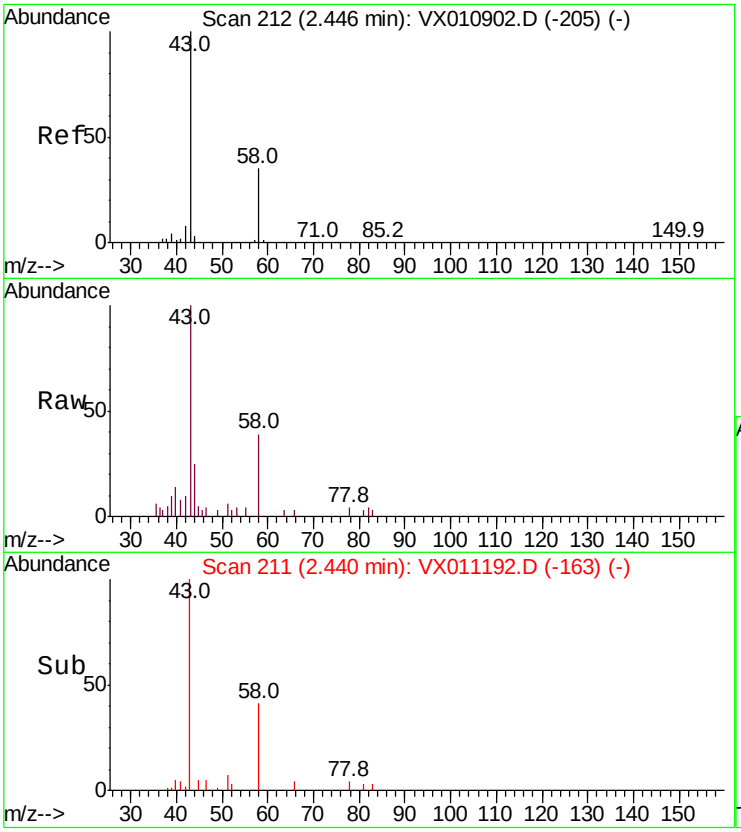




#12
1,1-Dichloroethene
Concen: 0.963 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX011192.D
Acq: 30 Jul 2019 14:10

Tgt Ion: 96 Resp: 1877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 135.2 | 115.0 | 172.4 |
| 98 | 43.0 | 52.2 | 78.2# |



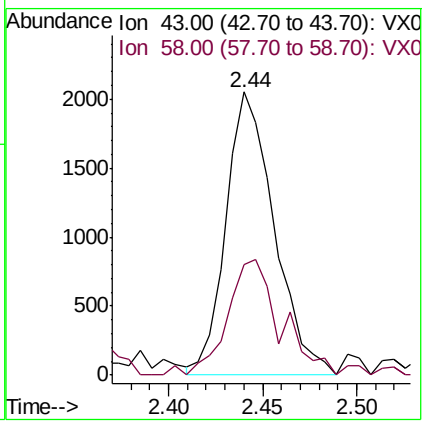


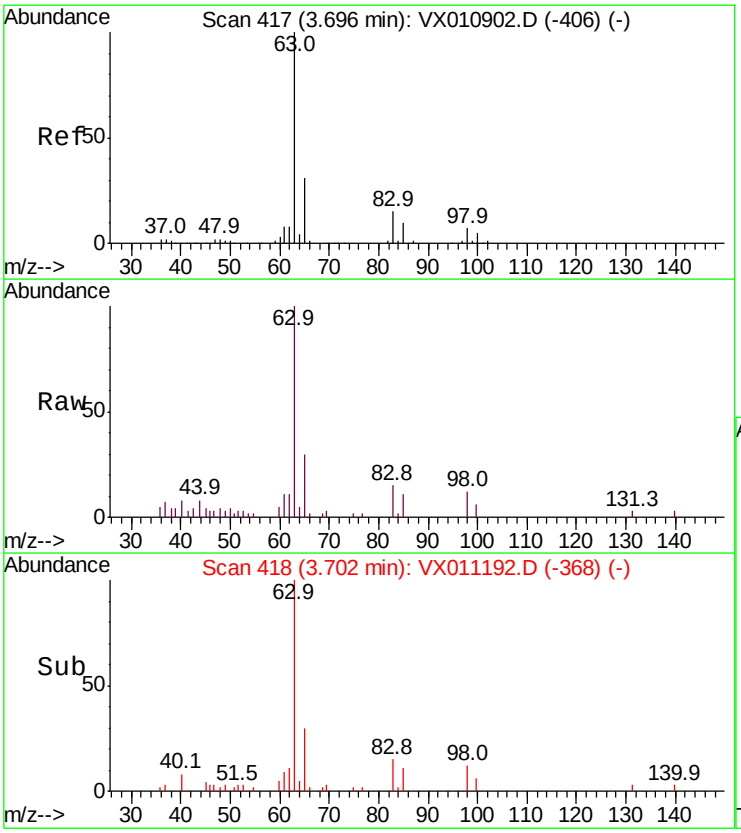

#16
Acetone
Concen: 3.478 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX011192.D
Acq: 30 Jul 2019 14:10

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB203-DUP-20190724

Tgt Ion: 43 Resp: 3656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.9 | 27.7 | 41.5 |

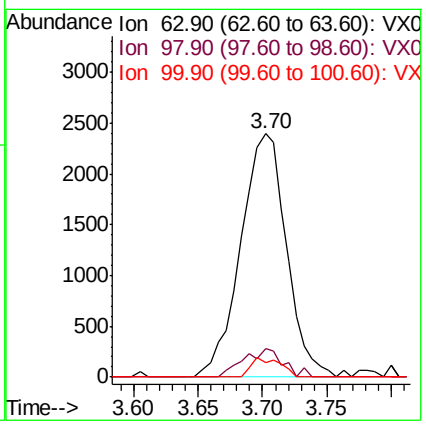


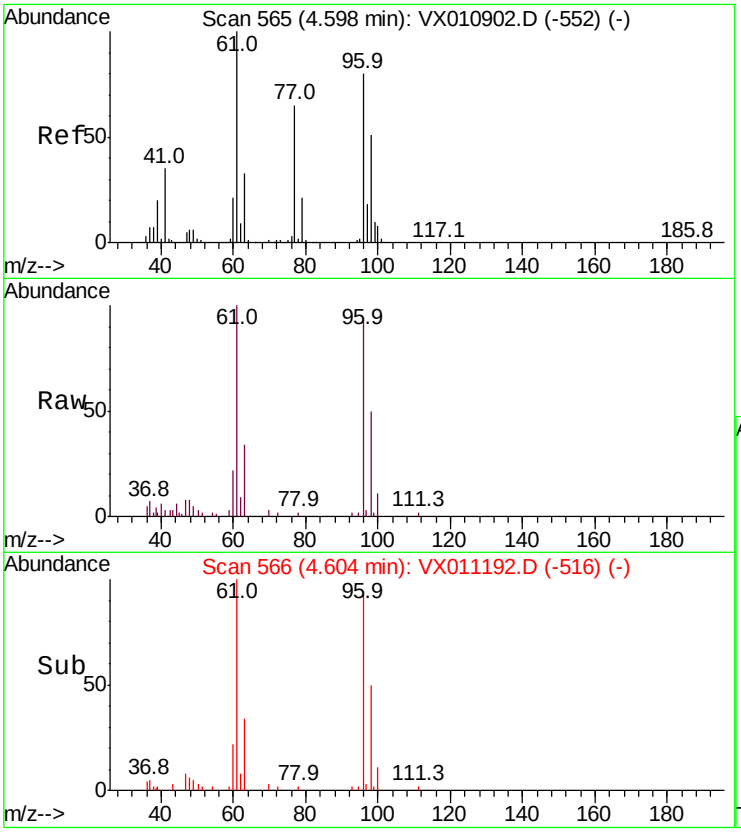




#24
1,1-Dichloroethane
Concen: 1.701 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX011192.D
Acq: 30 Jul 2019 14:10

Tgt Ion: 63 Resp: 5897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 11.9 | 3.6 | 10.9# |
| 100 | 5.8 | 2.4 | 7.2 |



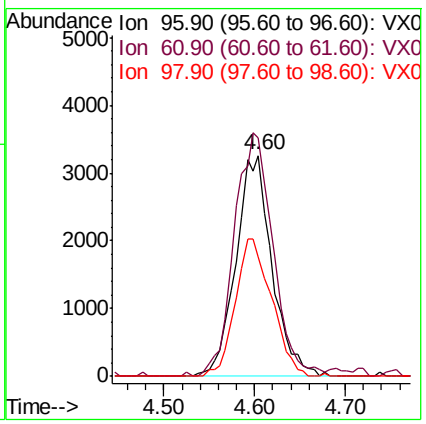


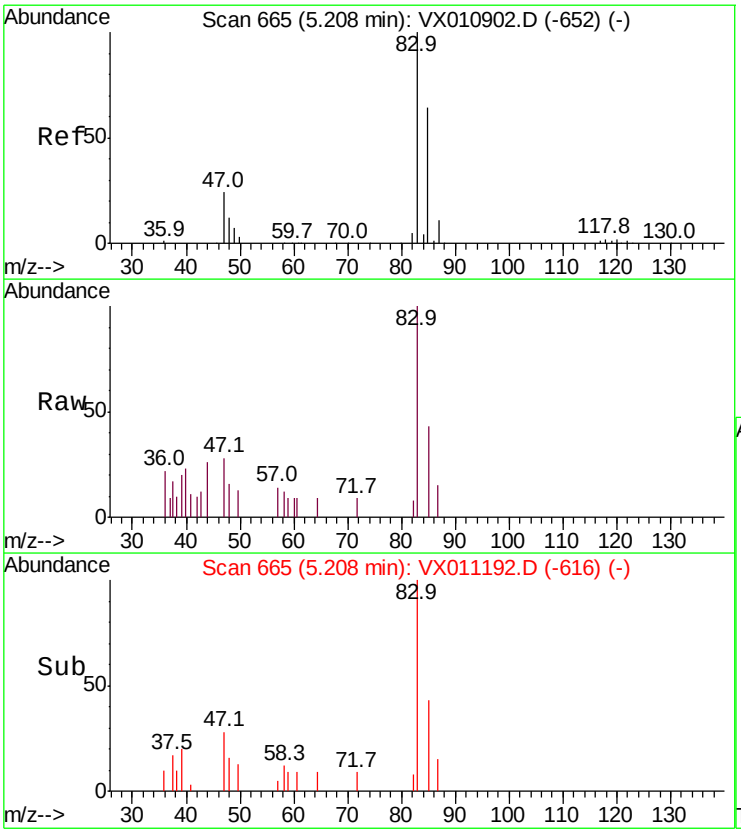

#27
cis-1,2-Dichloroethene
Concen: 3.755 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX011192.D
Acq: 30 Jul 2019 14:10

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB203-DUP-20190724

Tgt Ion: 96 Resp: 8987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 118.0 | 0.0 | 269.0 |
| 98 | 62.5 | 0.0 | 131.4 |

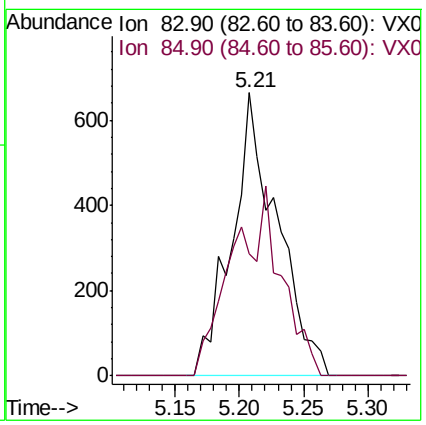


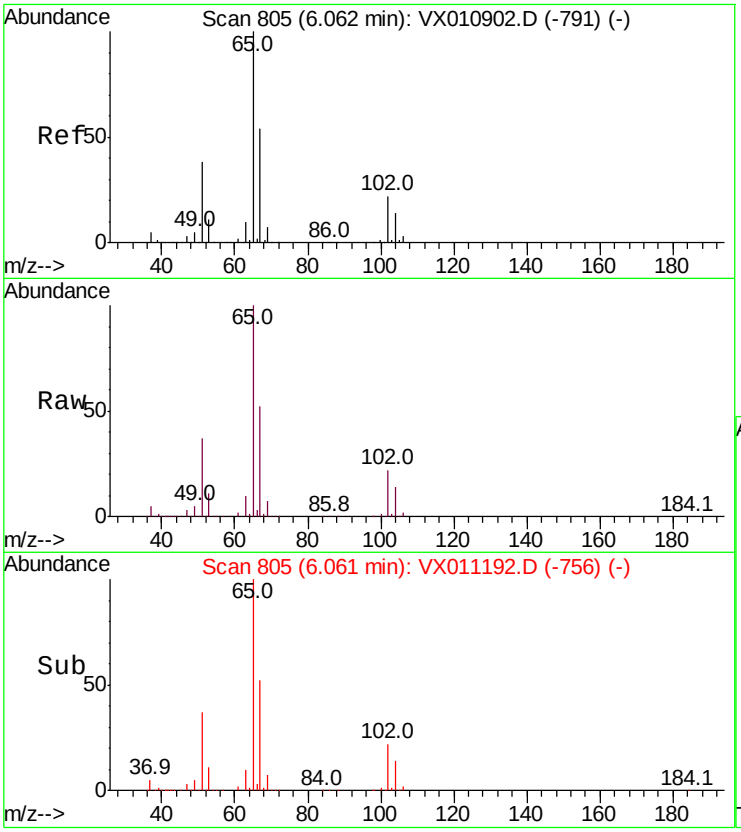




#30
Chloroform
Concen: 0.435 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011192.D
Acq: 30 Jul 2019 14:10

Tgt Ion: 83 Resp: 1630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 43.1 | 51.4 | 77.0# |



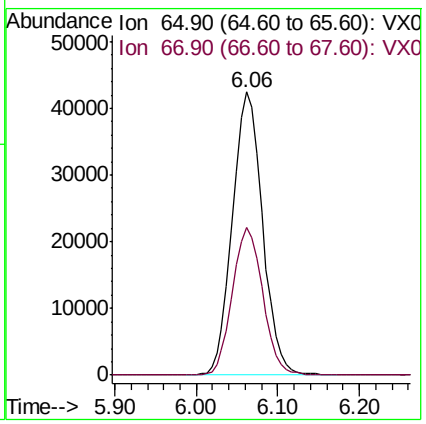


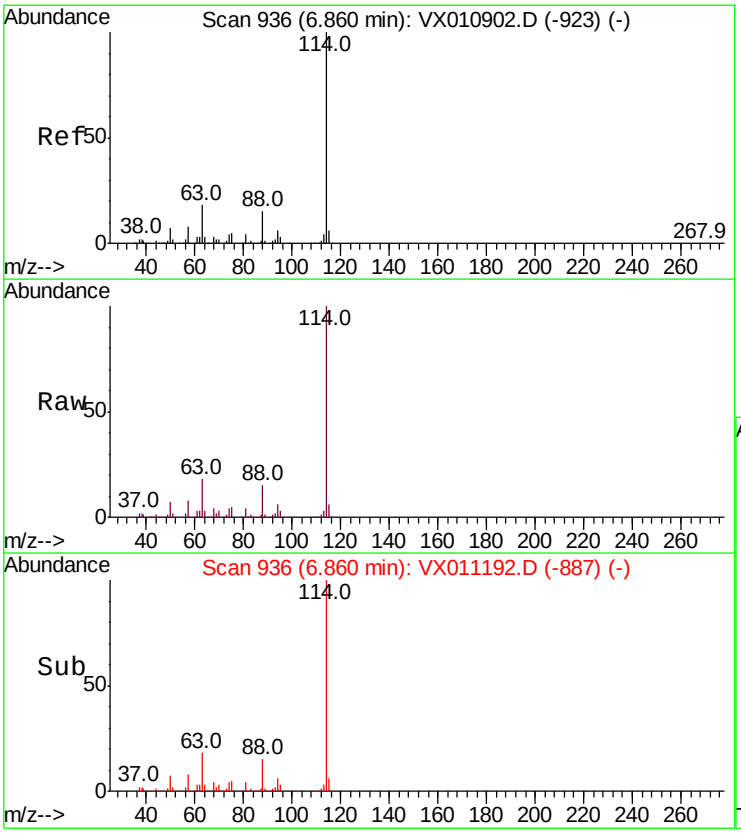

#33
1,2-Dichloroethane-d4
Concen: 46.666 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011192.D
Acq: 30 Jul 2019 14:10

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB203-DUP-20190724

Tgt Ion: 65 Resp: 108622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.8 | 0.0 | 107.8 |

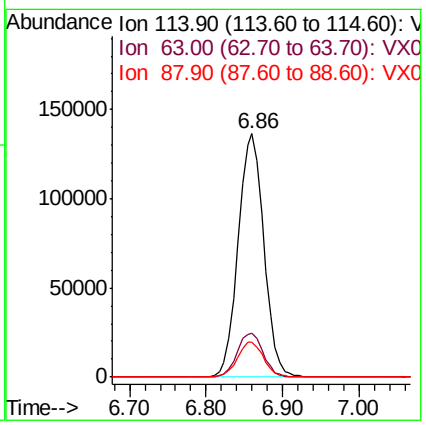


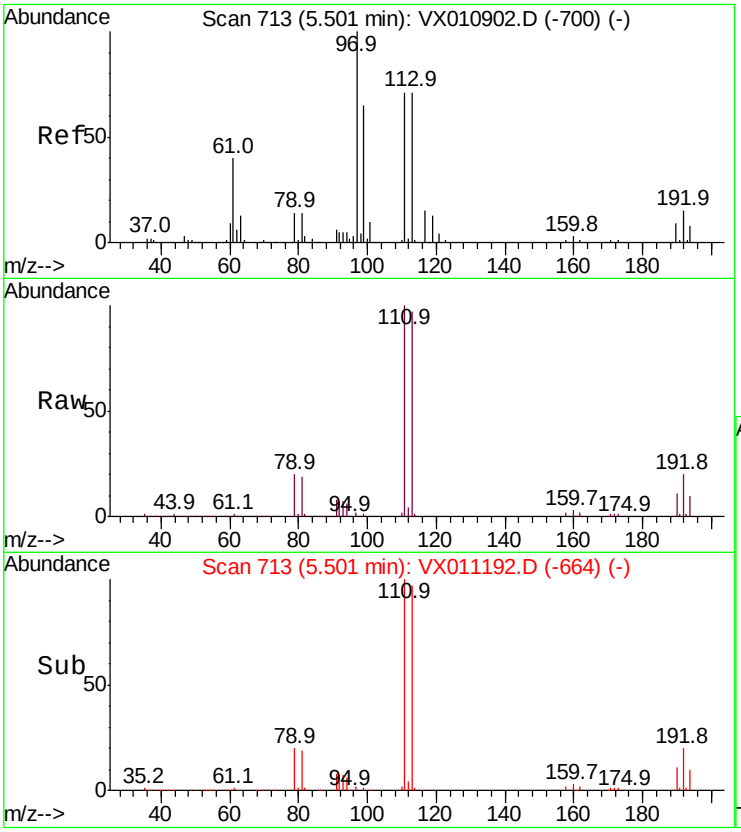




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011192.D
Acq: 30 Jul 2019 14:10

Tgt Ion:114 Resp: 317898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 17.8 | 0.0 | 35.6 |
| 88 | 14.6 | 0.0 | 29.8 |



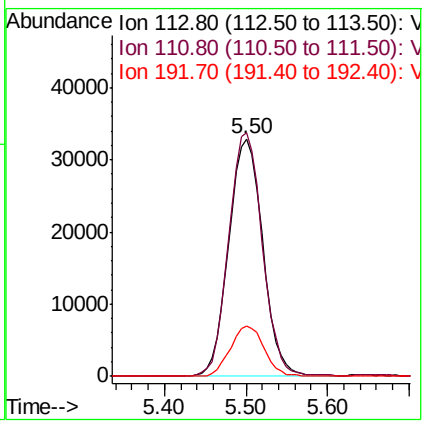


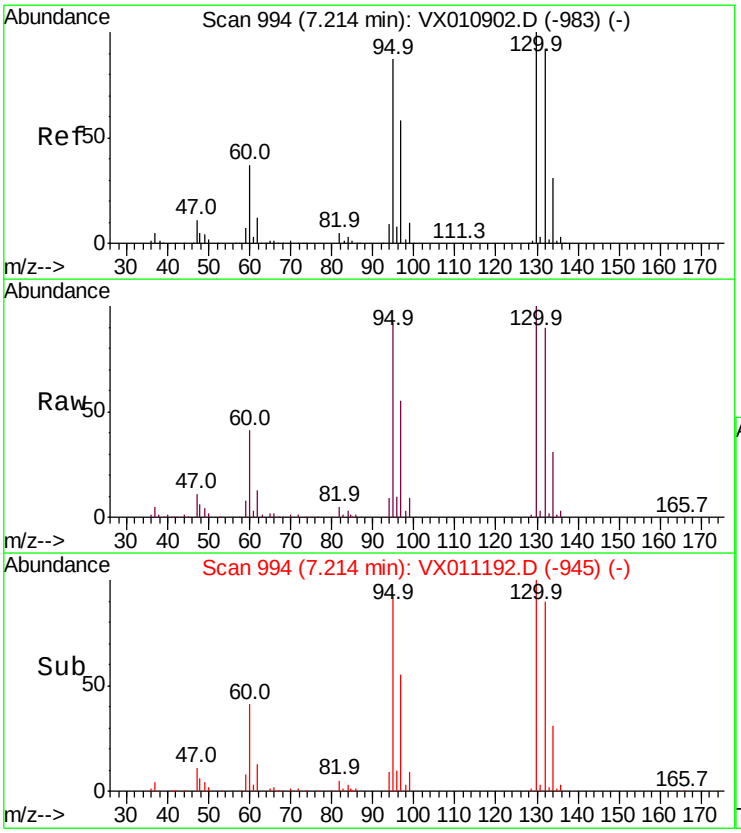

#35
Dibromofluoromethane
Concen: 47.224 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX011192.D
Acq: 30 Jul 2019 14:10

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB203-DUP-20190724

Tgt Ion:113 Resp: 95287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.3 | 82.3 | 123.5 |
| 192 | 21.0 | 17.4 | 26.2 |

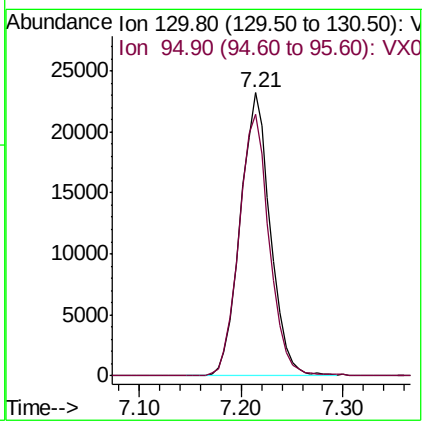


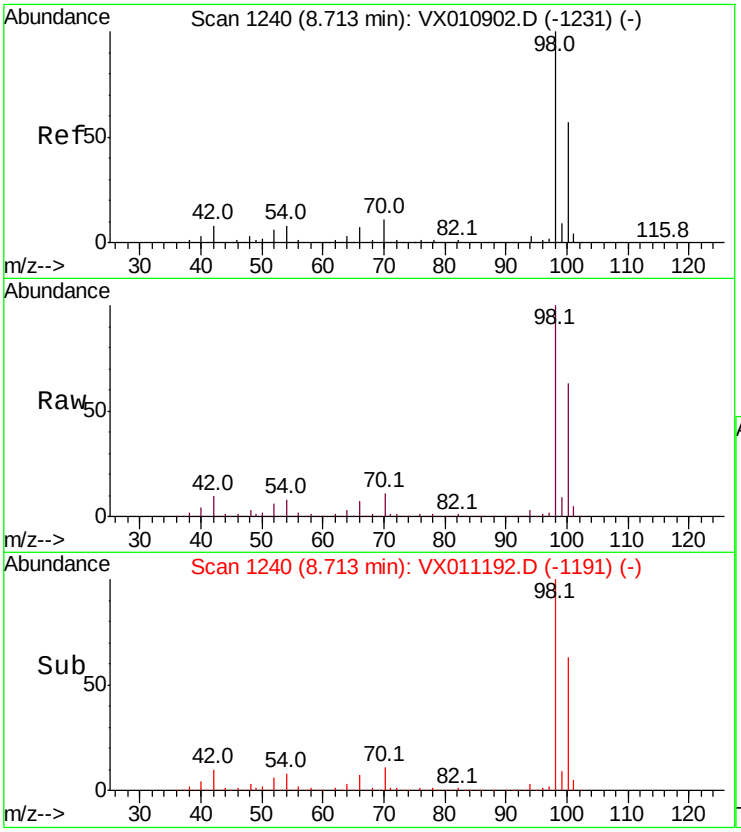




#44
Trichloroethene
Concen: 20.025 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX011192.D
Acq: 30 Jul 2019 14:10

Tgt Ion:130 Resp: 47412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 92.4 | 0.0 | 174.8 |



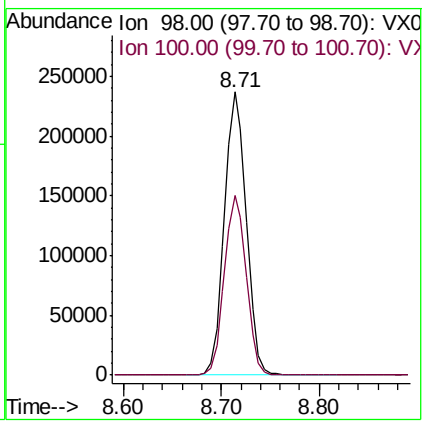


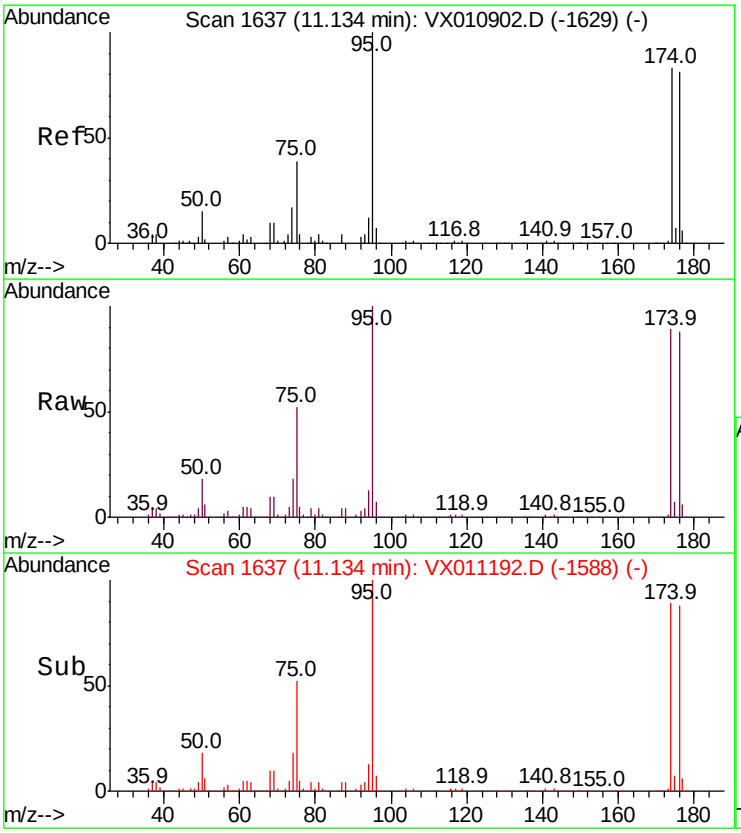

#50
Toluene-d8
Concen: 48.581 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011192.D
Acq: 30 Jul 2019 14:10

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB203-DUP-20190724

Tgt Ion: 98 Resp: 367658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.6 | 50.6 | 75.8 |

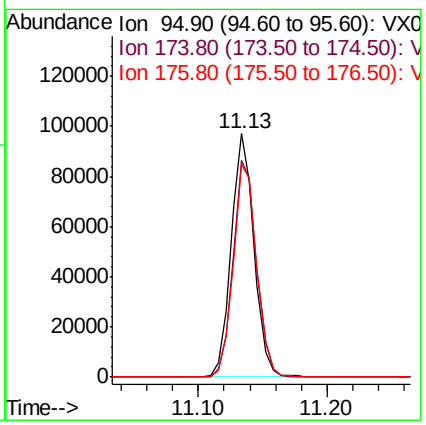


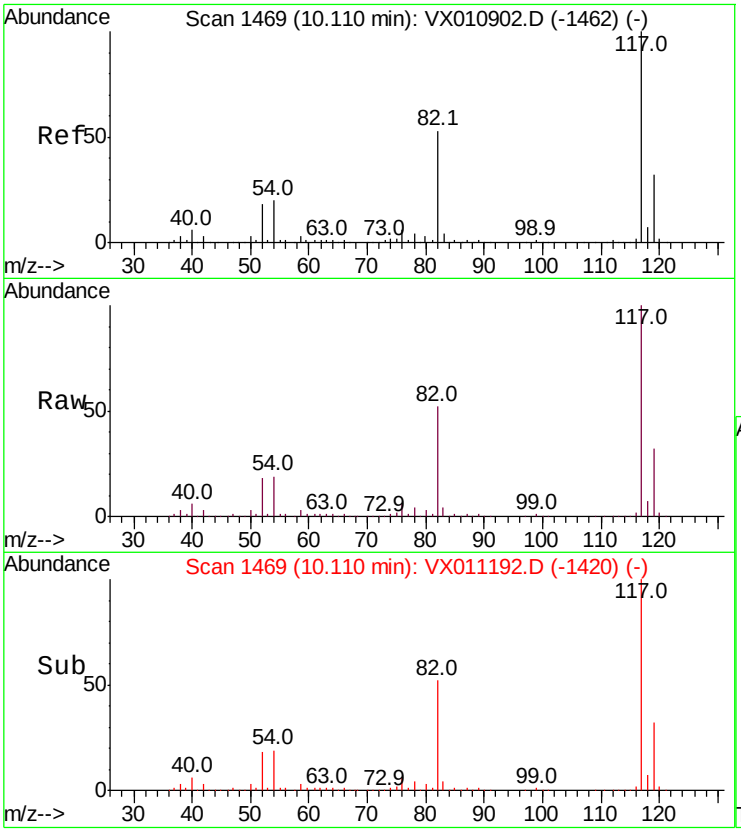




#62
4-Bromofluorobenzene
Concen: 43.175 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011192.D
Acq: 30 Jul 2019 14:10

Tgt Ion: 95 Resp: 120100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 90.9 | 0.0 | 180.6 |
| 176 | 89.4 | 0.0 | 173.8 |



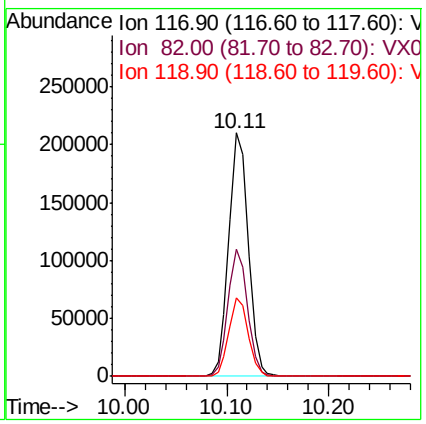


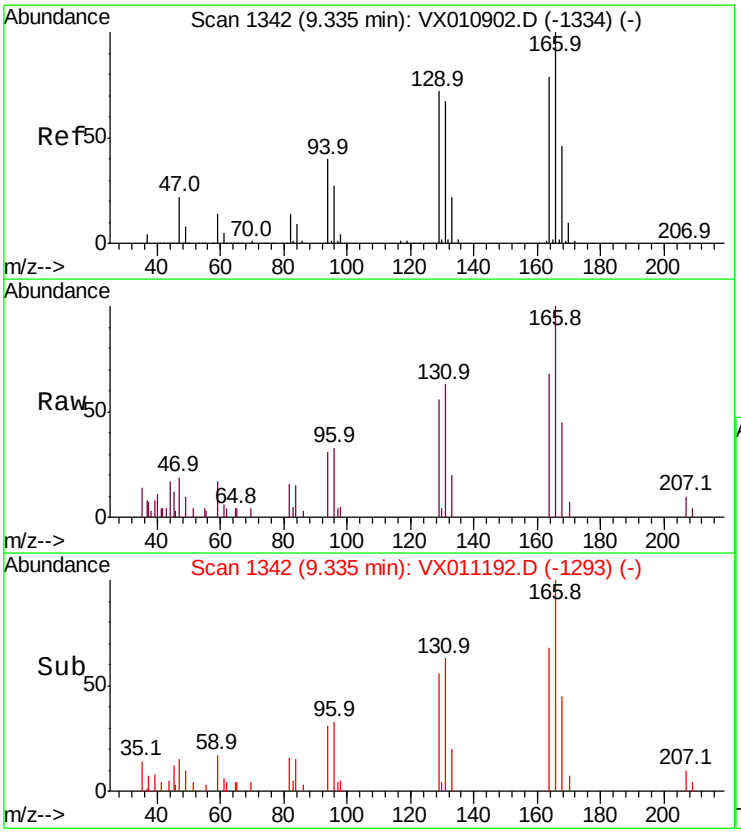

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011192.D
Acq: 30 Jul 2019 14:10

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB203-DUP-20190724

Tgt Ion:117 Resp: 278178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 52.2 | 42.6 | 63.8 |
| 119 | 32.0 | 25.9 | 38.9 |

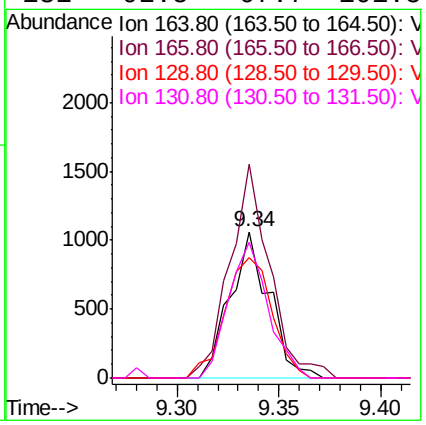


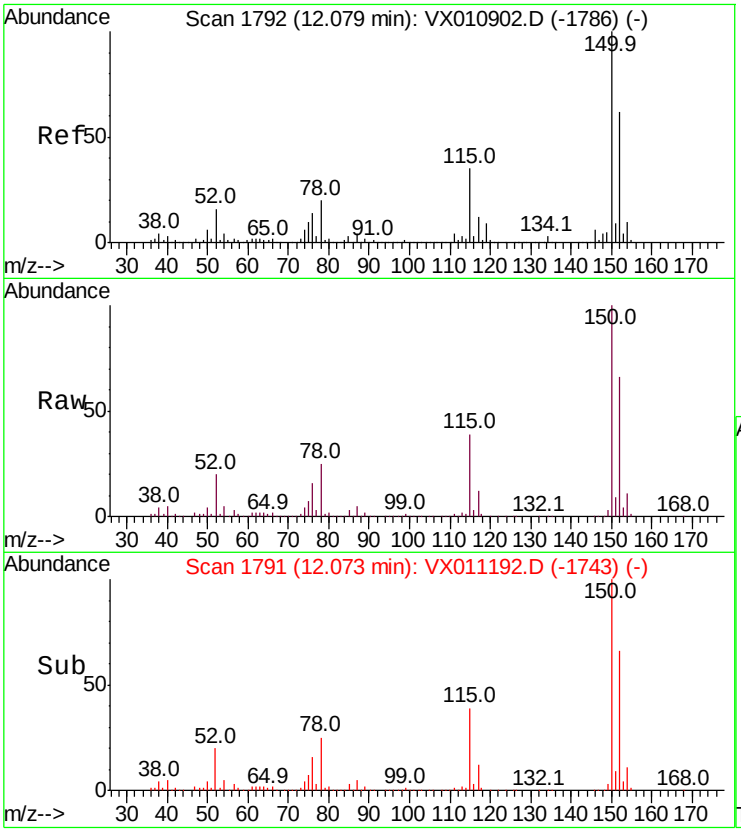




#64
Tetrachloroethene
Concen: 0.648 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011192.D
Acq: 30 Jul 2019 14:10

Tgt Ion:164 Resp: 1417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 146.1 | 100.8 | 151.2 |
| 129 | 82.5 | 72.6 | 109.0 |
| 131 | 92.5 | 67.7 | 101.5 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011192.D
Acq: 30 Jul 2019 14:10

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB203-DUP-20190724

Tgt Ion:152 Resp: 130056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 55.8 | 39.7 | 119.1 |
| 150 | 154.1 | 0.0 | 345.6 |