Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041019\
Data File : VX008811.D
Acq On : 10 Apr 2019 17:29
Operator : JC/SP
Sample : K2349-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** DUP-0507-190409

Quant Time: Apr 11 07:55:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.66 | 168 | 202051 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 326164 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 279602 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 112285 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 134699 | 45.71 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 91.42% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 99305 | 47.62 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.24% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 407511 | 49.08 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.16% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 131658 | 44.71 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 89.42% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 4) Vinyl Chloride | 1.40 | 62 | 67196 | 21.373 | ug/l | 97 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 1676 | 0.718 | ug/l | 87 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 1130 | 0.447 | ug/l | 91 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 313194 | 107.814 | ug/l | 90 |
| 44) Trichloroethene | 7.21 | 130 | 9052 | 3.659 | ug/l | 94 |
| 64) Tetrachloroethene | 9.34 | 164 | 6331 | 3.056 | ug/l | 99 |

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

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Misc : 5.0mL/MSVOA_X/WATER
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MSVOA_X
**ClientSampleId :**
DUP-0507-190409

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
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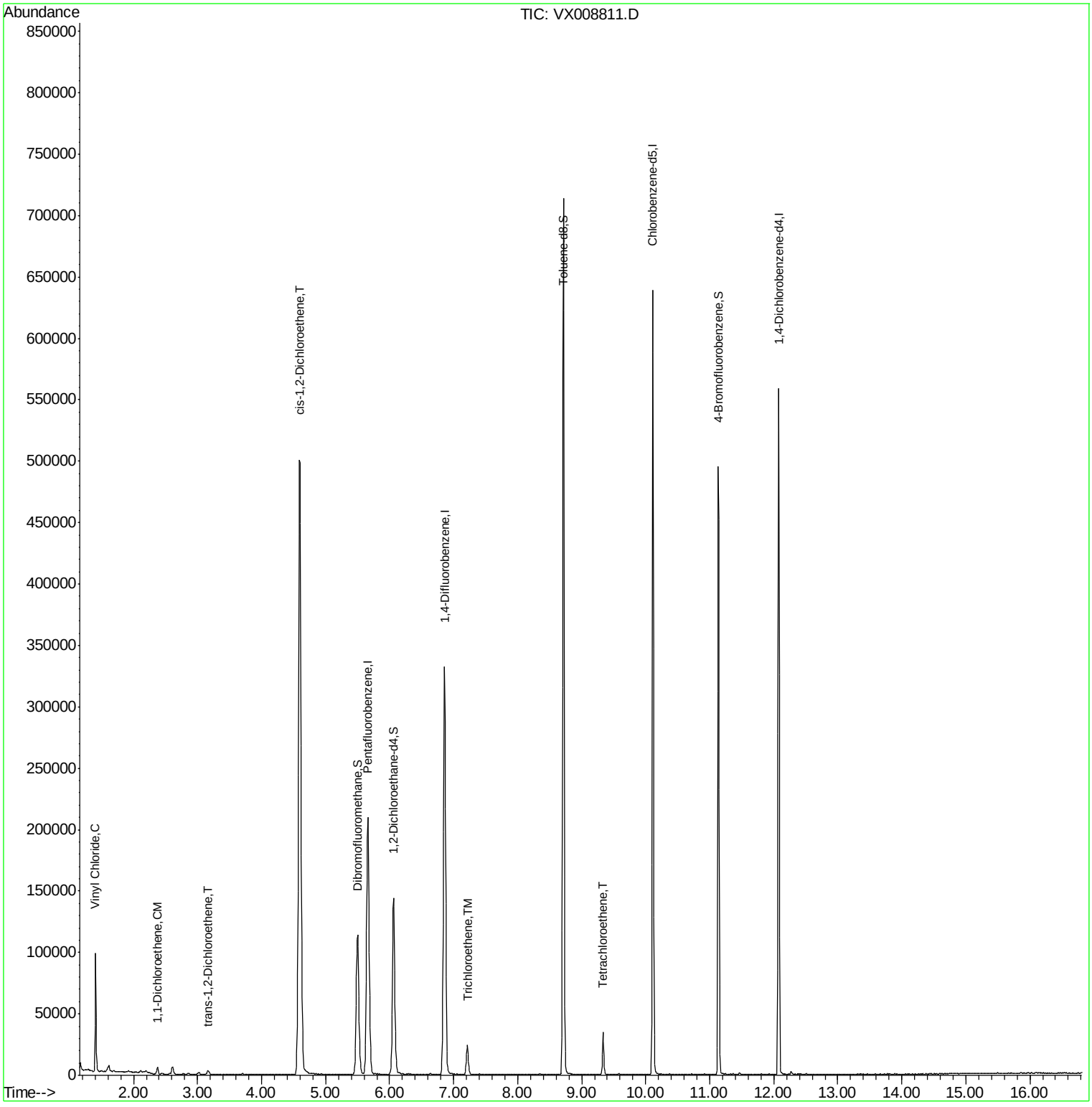
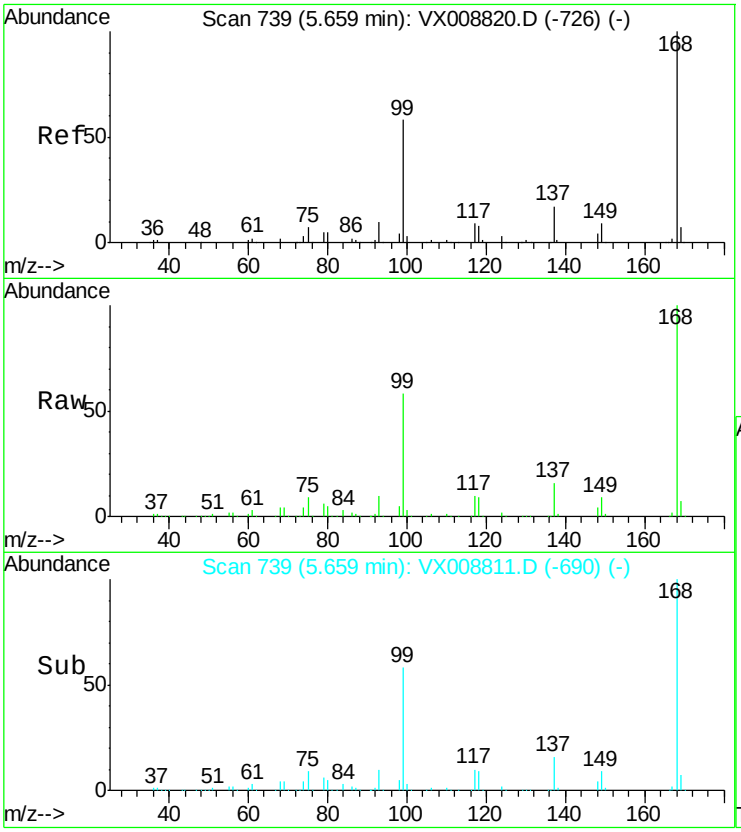


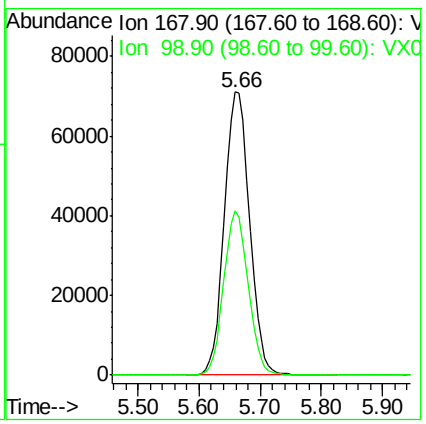


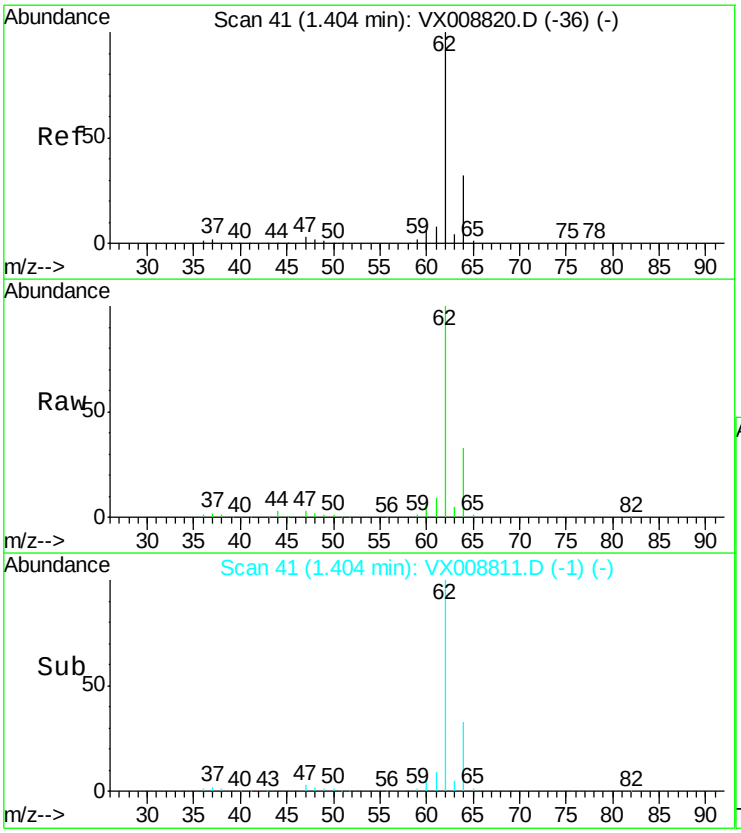

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX008811.D
Acq: 10 Apr 2019 17:29

**Instrument :**
MSVOA_X
**ClientSampleId :**
DUP-0507-190409

Tgt Ion:168 Resp: 202051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 58.0 | 46.7 | 70.1 |

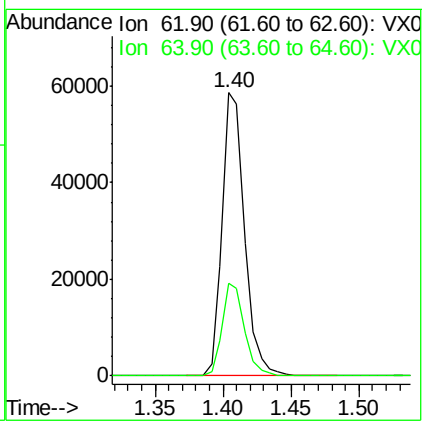


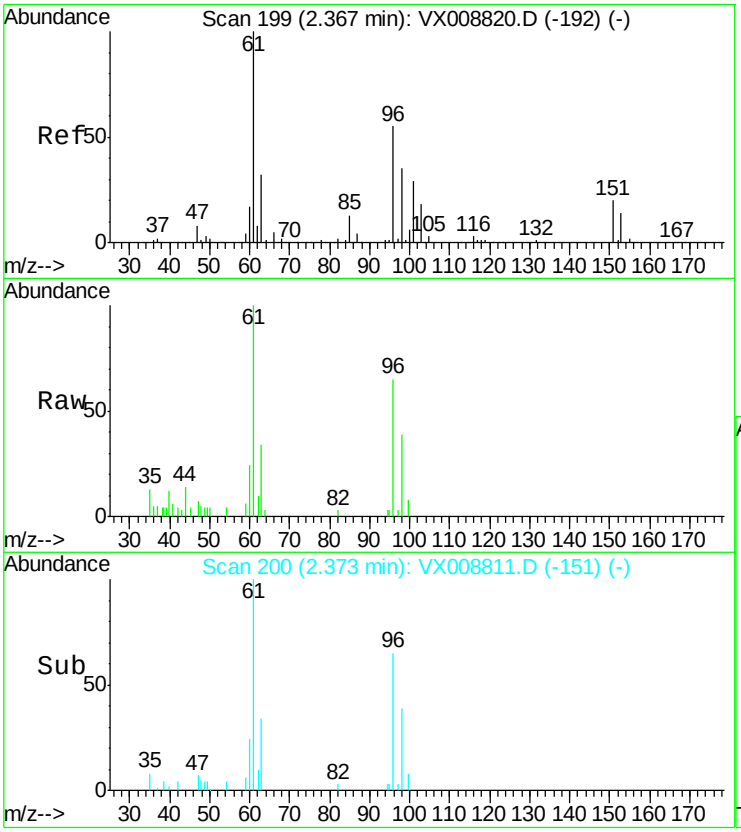




#4
Vinyl Chloride
Concen: 21.373 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.01 min
Lab File: VX008811.D
Acq: 10 Apr 2019 17:29

Tgt Ion: 62 Resp: 67196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.6 | 24.7 | 37.1 |



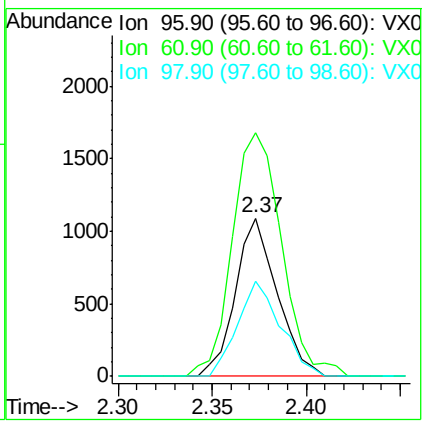


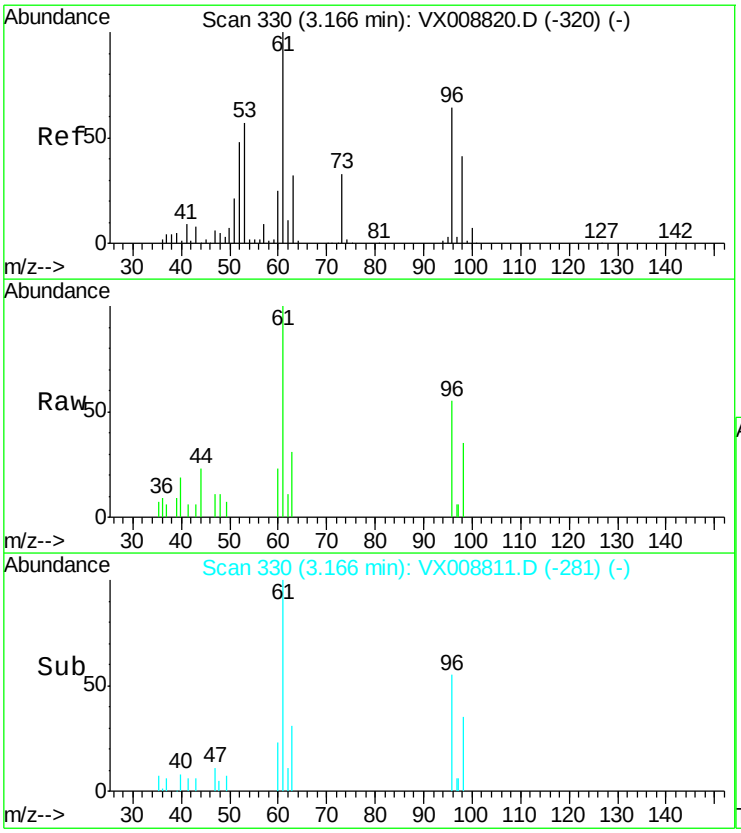

#12
1,1-Dichloroethene
Concen: 0.718 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008811.D
Acq: 10 Apr 2019 17:29

**Instrument :**
MSVOA_X
**ClientSampleId :**
DUP-0507-190409

Tgt Ion: 96 Resp: 1676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 154.2 | 140.9 | 211.3 |
| 98 | 60.7 | 52.1 | 78.1 |

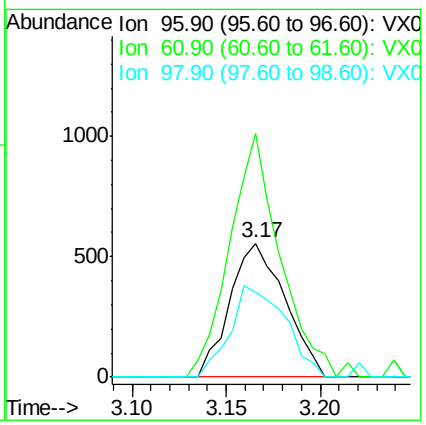


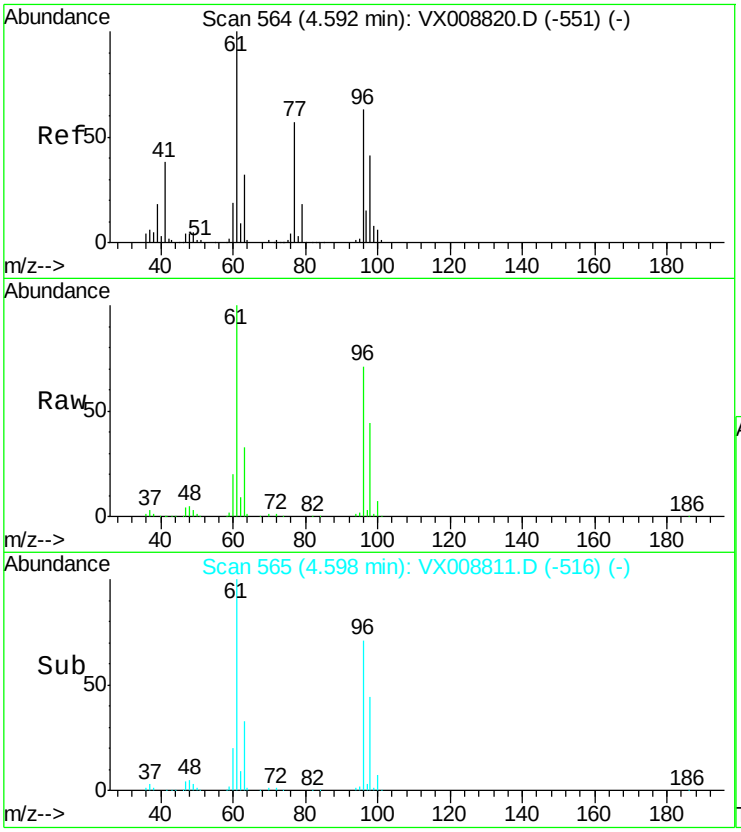




#21
trans-1,2-Dichloroethene
Concen: 0.447 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008811.D
Acq: 10 Apr 2019 17:29

Tgt Ion: 96 Resp: 1130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 181.8 | 132.1 | 198.1 |
| 98 | 63.7 | 52.2 | 78.2 |



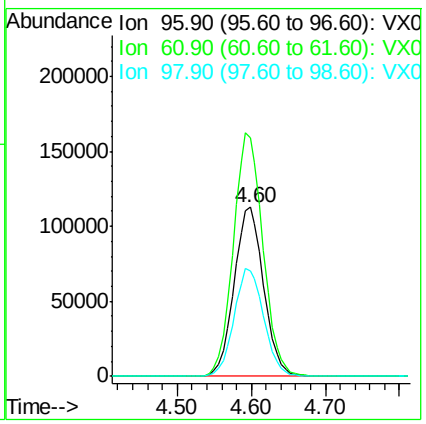


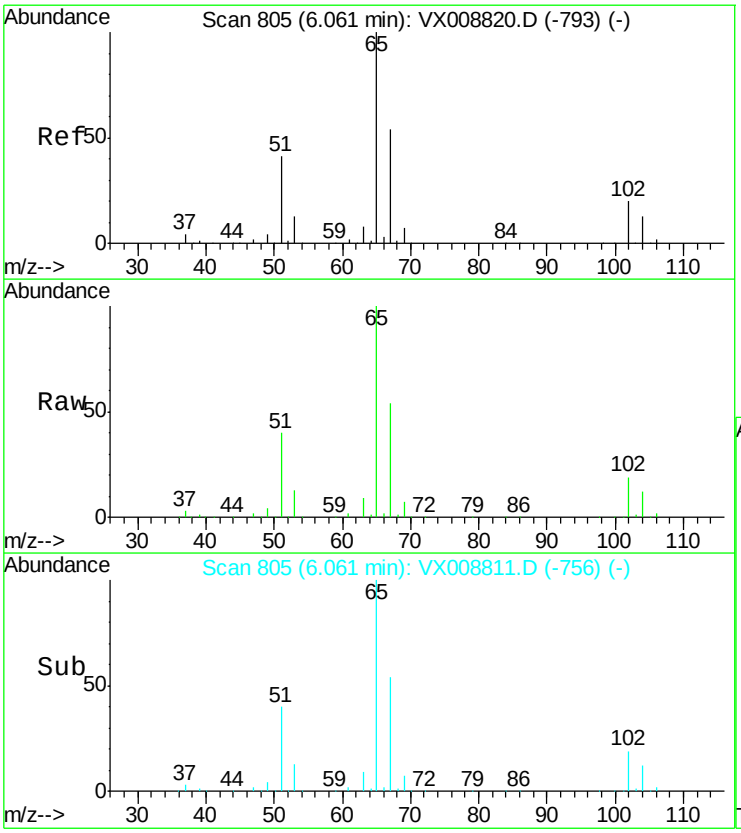

#27
cis-1,2-Dichloroethene
Concen: 107.814 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008811.D
Acq: 10 Apr 2019 17:29

**Instrument :**
MSVOA_X
**ClientSampleId :**
DUP-0507-190409

Tgt Ion: 96 Resp: 313194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 144.4 | 0.0 | 327.6 |
| 98 | 64.1 | 0.0 | 128.6 |

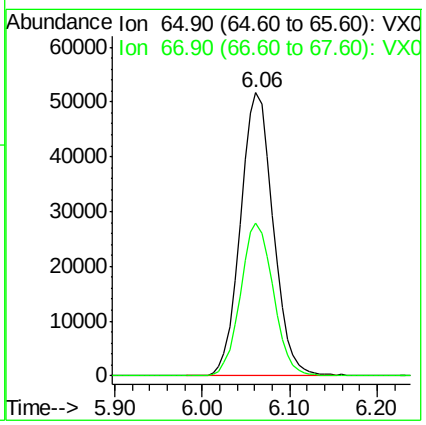


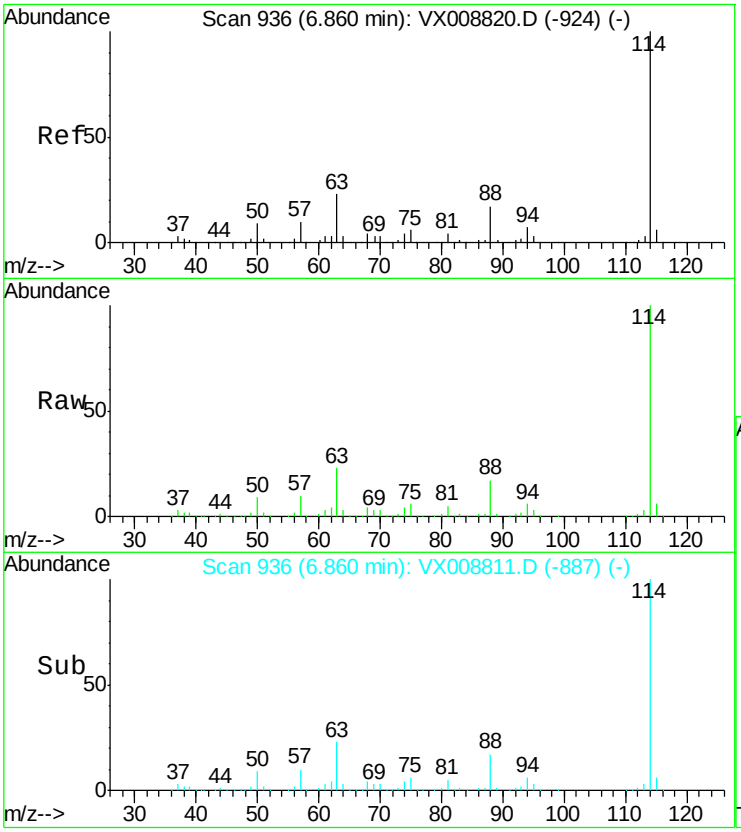




#33
1,2-Dichloroethane-d4
Concen: 45.707 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008811.D
Acq: 10 Apr 2019 17:29

Tgt Ion: 65 Resp: 134699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.8 | 0.0 | 107.2 |



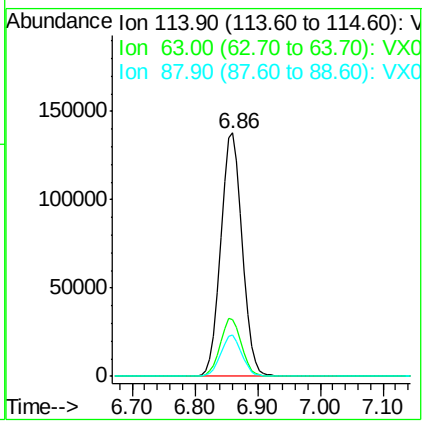


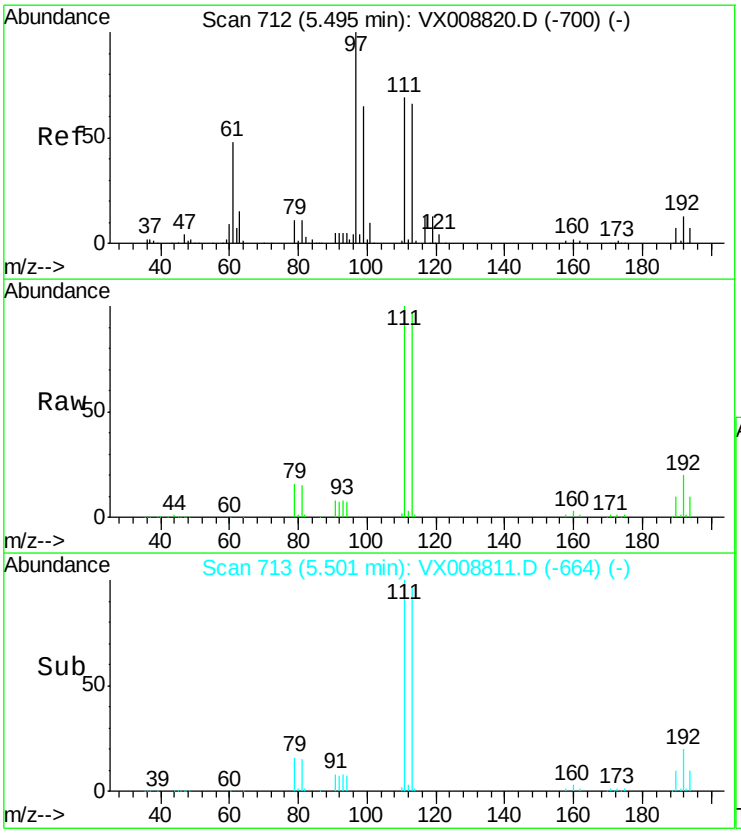

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008811.D
Acq: 10 Apr 2019 17:29

**Instrument :**
MSVOA_X
**ClientSampleId :**
DUP-0507-190409

Tgt Ion:114 Resp: 326164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.4 | 0.0 | 47.2 |
| 88 | 16.8 | 0.0 | 34.0 |

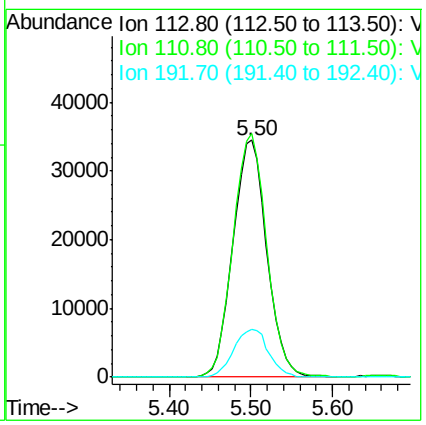


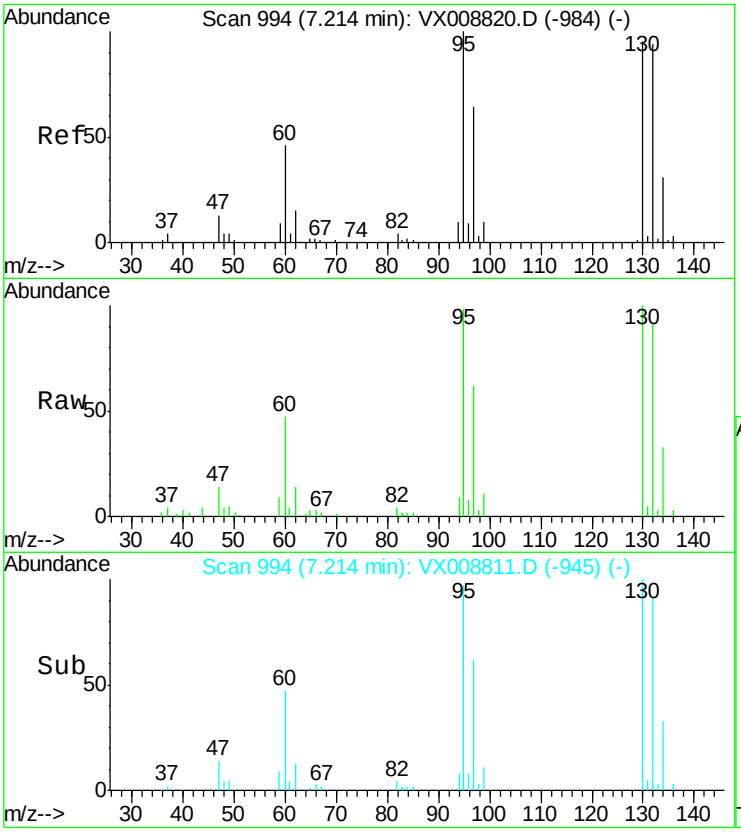




#35
Dibromofluoromethane
Concen: 47.620 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008811.D
Acq: 10 Apr 2019 17:29

Tgt Ion:113 Resp: 99305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.2 | 83.4 | 125.2 |
| 192 | 20.7 | 16.1 | 24.1 |



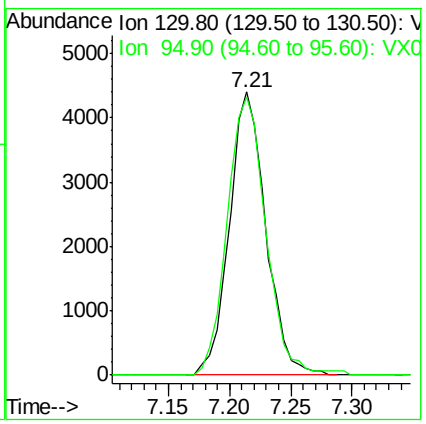


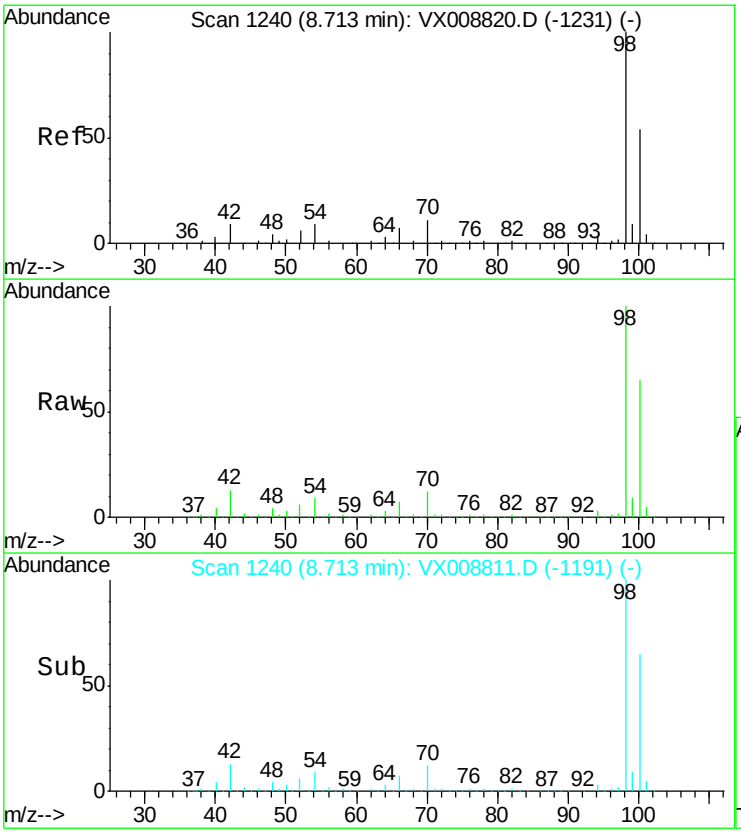

#44
Trichloroethene
Concen: 3.659 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX008811.D
Acq: 10 Apr 2019 17:29

**Instrument :**
MSVOA_X
**ClientSampleId :**
DUP-0507-190409

Tgt Ion:130 Resp: 9052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 98.3 | 0.0 | 209.8 |

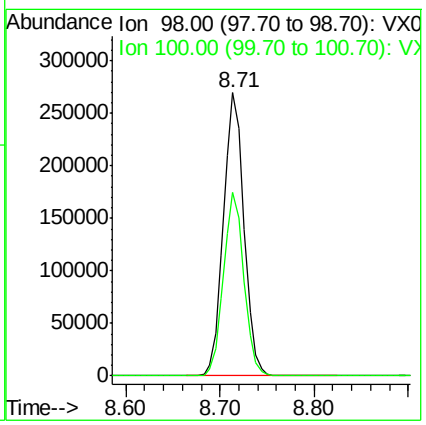


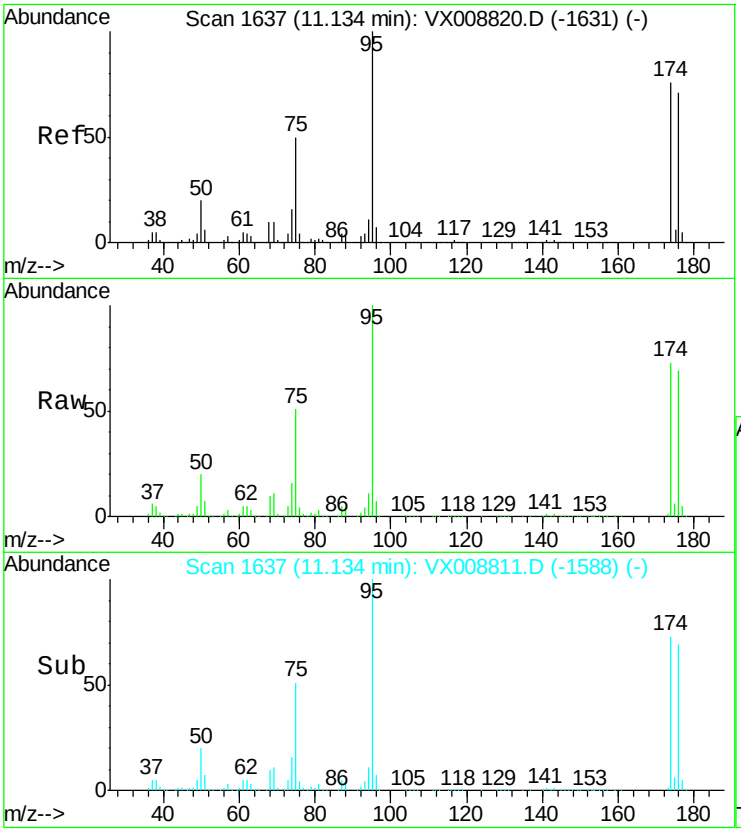




#50
Toluene-d8
Concen: 49.078 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008811.D
Acq: 10 Apr 2019 17:29

Tgt Ion: 98 Resp: 407511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.3 | 51.4 | 77.0 |



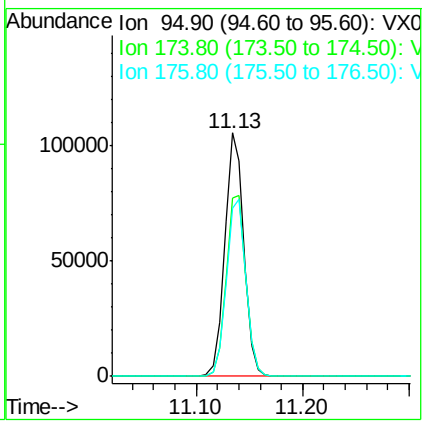


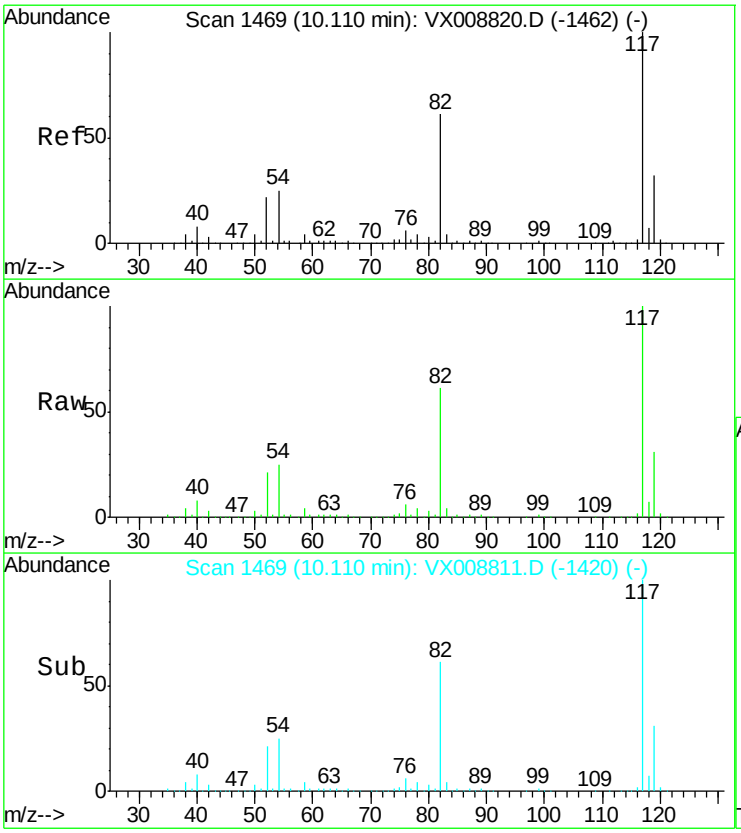

#62
4-Bromofluorobenzene
Concen: 44.713 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008811.D
Acq: 10 Apr 2019 17:29

**Instrument :**
MSVOA_X
**ClientSampleId :**
DUP-0507-190409

Tgt Ion: 95 Resp: 131658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 77.1 | 0.0 | 151.8 |
| 176 | 75.2 | 0.0 | 145.8 |

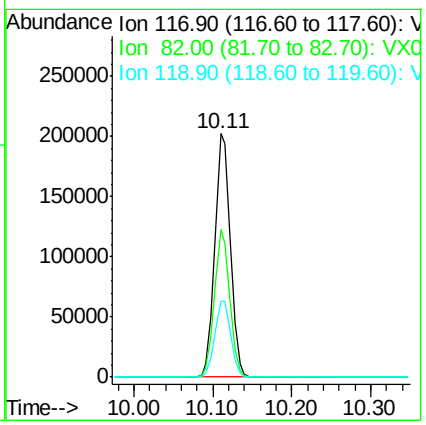


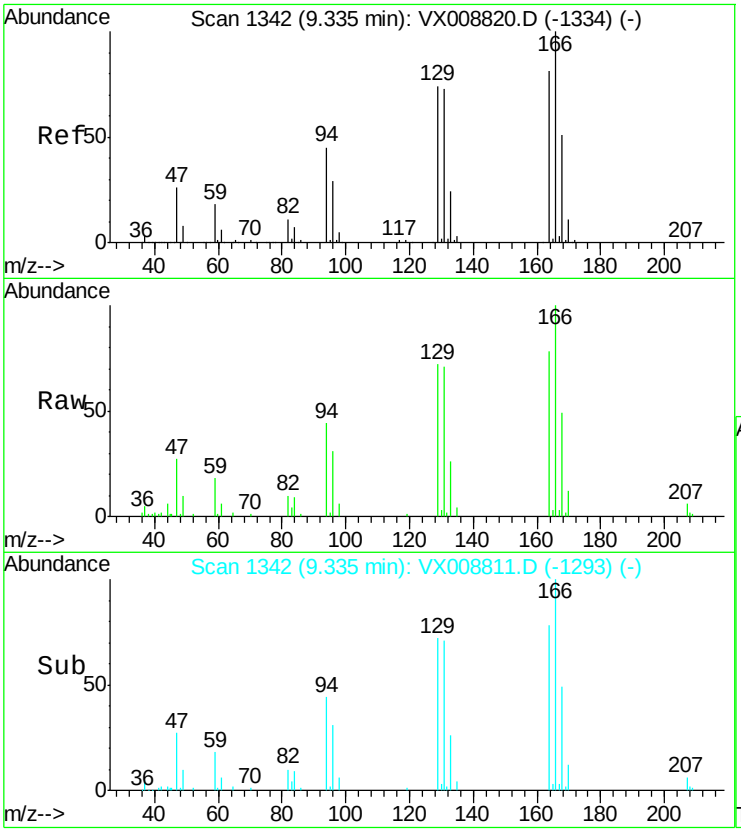




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008811.D
Acq: 10 Apr 2019 17:29

Tgt Ion:117 Resp: 279602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 60.7 | 49.6 | 74.4 |
| 119 | 31.4 | 25.0 | 37.4 |



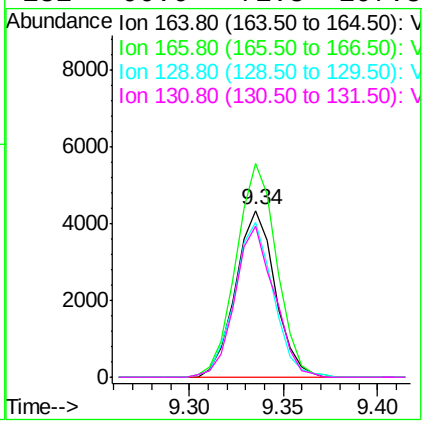


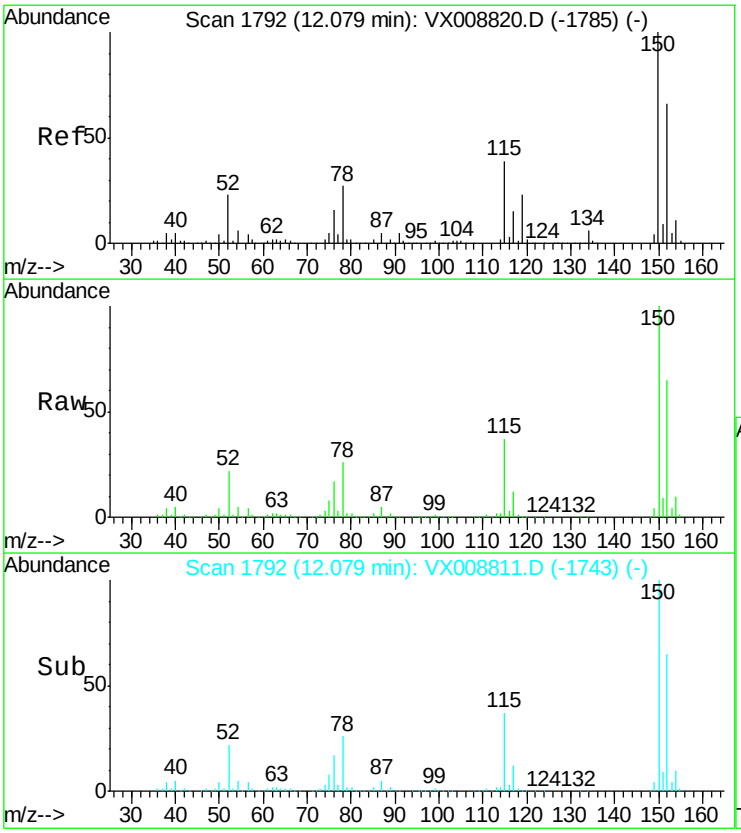

#64
Tetrachloroethene
Concen: 3.056 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008811.D
Acq: 10 Apr 2019 17:29

**Instrument :**
MSVOA_X
**ClientSampleId :**
DUP-0507-190409

Tgt Ion:164 Resp: 6331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 128.1 | 101.0 | 151.6 |
| 129 | 92.9 | 75.8 | 113.8 |
| 131 | 90.6 | 71.8 | 107.8 |




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008811.D
Acq: 10 Apr 2019 17:29

Tgt Ion:152 Resp: 112285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.2 | 43.5 | 130.5 |
| 150 | 156.4 | 0.0 | 348.8 |