Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015890.D
Acq On : 23 Apr 2020 15:08
Operator : JC/SP
Sample : L2379-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** SS037MW012-200420

Quant Time: Apr 24 05:15:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.64 | 168 | 853482 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.84 | 114 | 1297218 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.10 | 117 | 1280323 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 711067 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.04 | 65 | 475150 | 48.95 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.90% | | | |
| 35) Dibromofluoromethane | 5.47 | 113 | 380515 | 50.82 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.64% | | | |
| 50) Toluene-d8 | 8.70 | 98 | 1560188 | 51.76 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 103.52% | | | |
| 62) 4-Bromofluorobenzene | 11.12 | 95 | 684632 | 55.37 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 110.74% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 4) Vinyl Chloride | 1.39 | 62 | 9325 | 1.077 | ug/l | 93 |
| 67) Ethyl Benzene | 10.24 | 91 | 24341 | 0.541 | ug/l | 89 |
| 83) tert-Butylbenzene | 11.76 | 119 | 54921 | 1.608 | ug/l | 96 |

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

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Misc : 5.0mL/MSVOA X/WATER
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SS037MW012-200420

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
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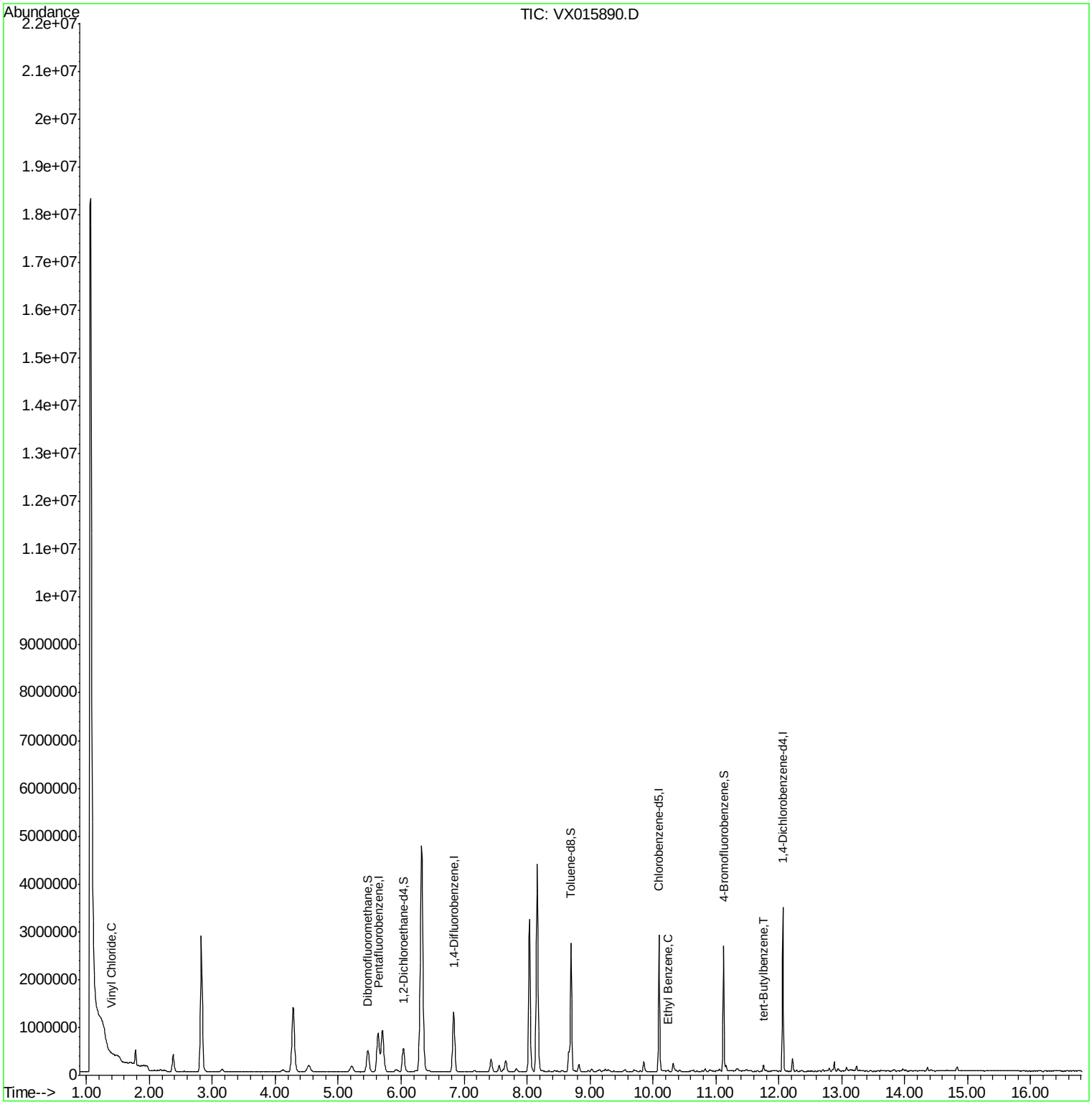
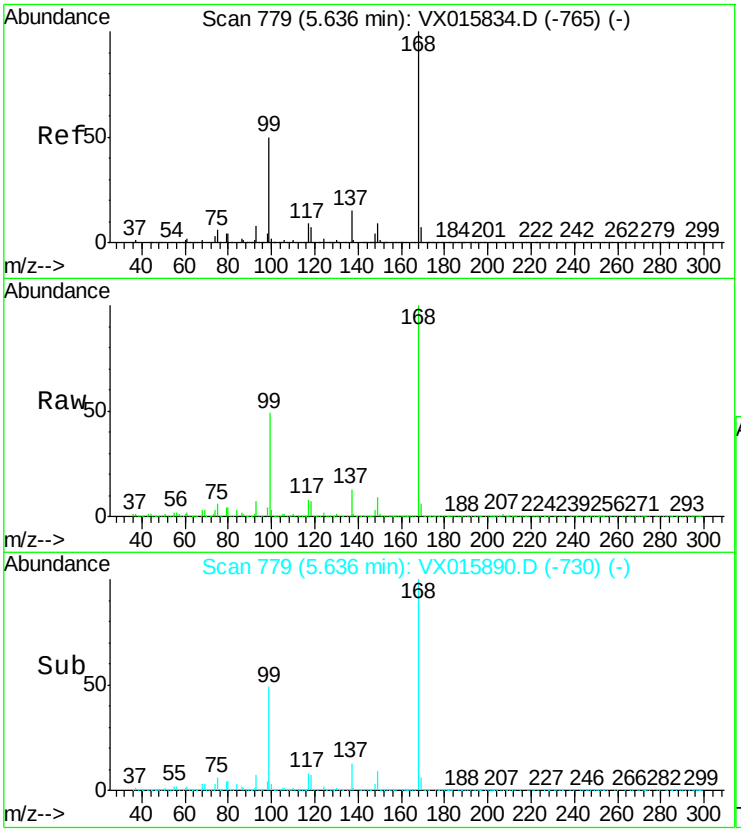


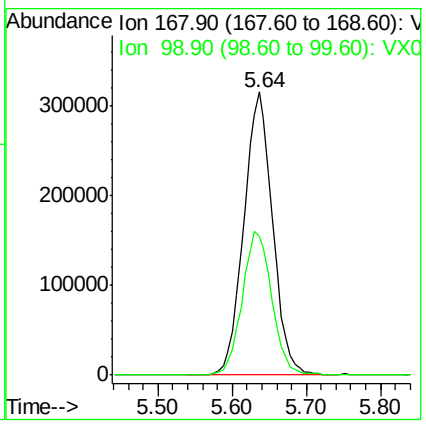


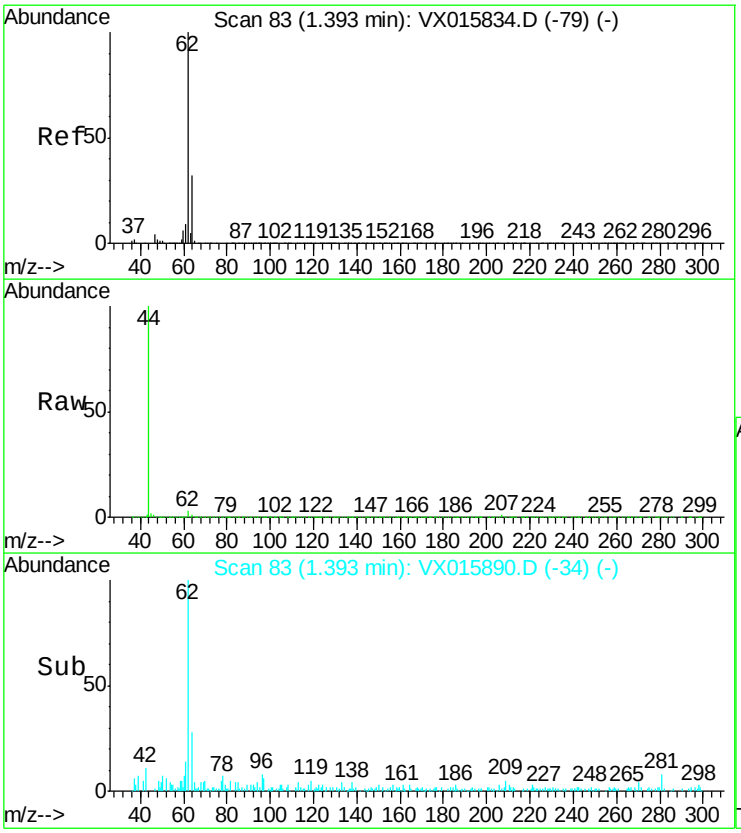

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 779
Delta R.T. 0.00 min
Lab File: VX015890.D
Acq: 23 Apr 2020 15:08

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037MW012-200420

Tgt Ion:168 Resp: 853482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 48.8 | 40.3 | 60.5 |

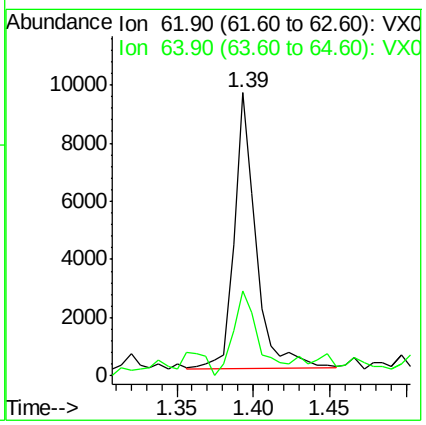


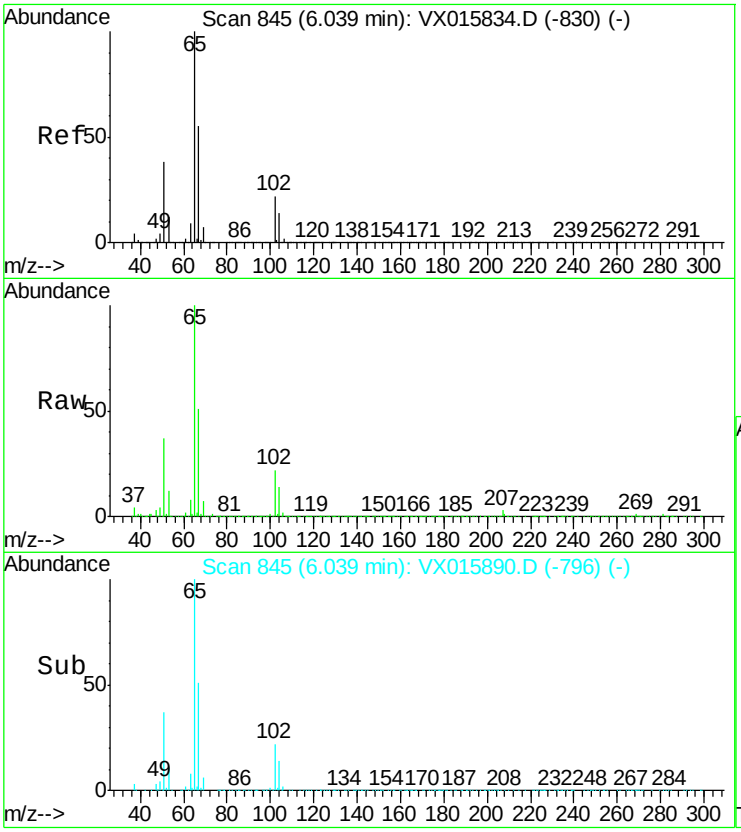




#4
Vinyl Chloride
Concen: 1.077 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015890.D
Acq: 23 Apr 2020 15:08

Tgt Ion: 62 Resp: 9325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 27.7 | 25.4 | 38.2 |



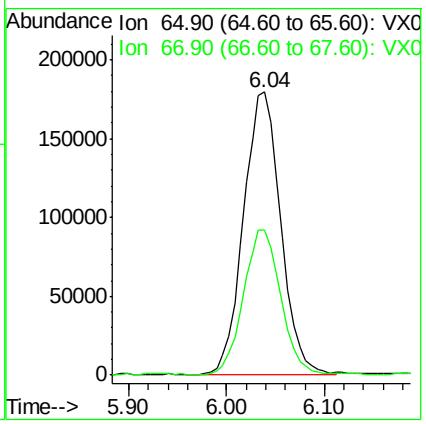


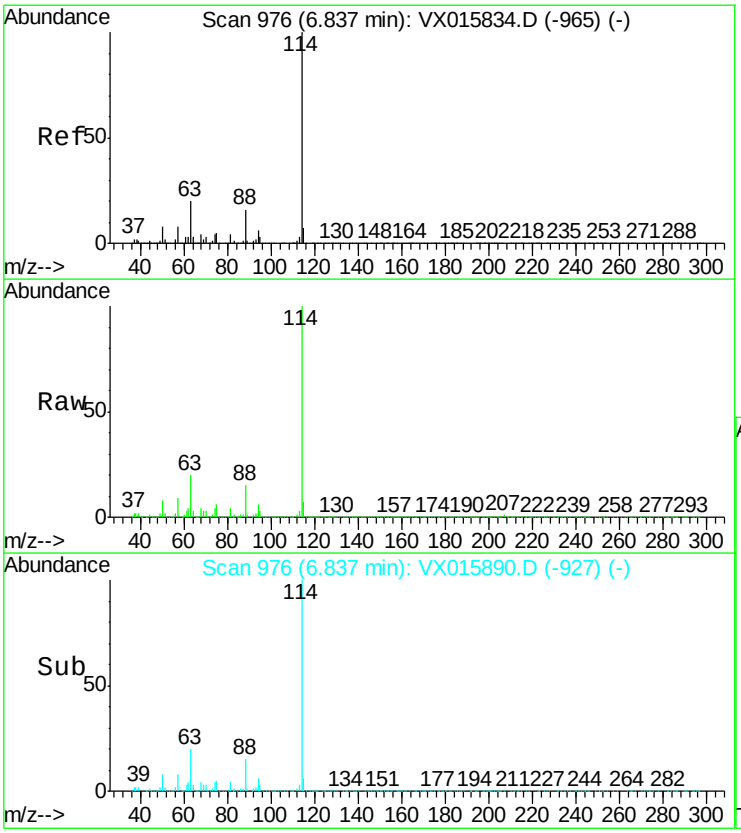

#33
1,2-Dichloroethane-d4
Concen: 48.949 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.00 min
Lab File: VX015890.D
Acq: 23 Apr 2020 15:08

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037MW012-200420

Tgt Ion: 65 Resp: 475150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.1 | 0.0 | 104.2 |

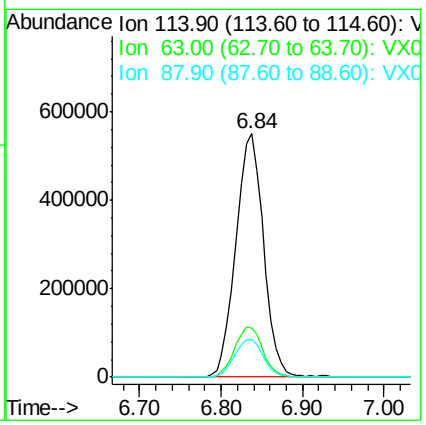


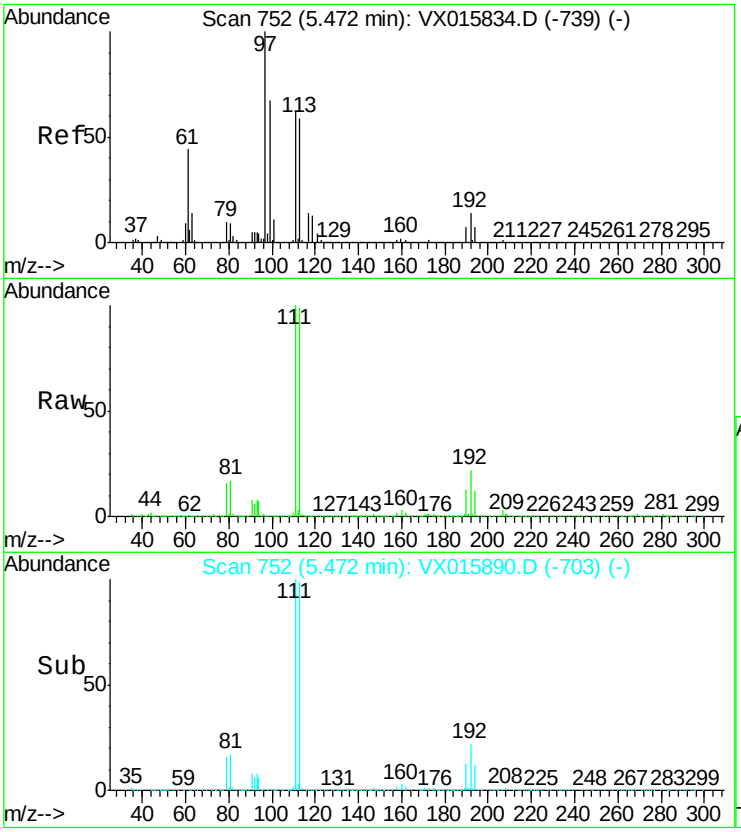




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 976
Delta R.T. 0.00 min
Lab File: VX015890.D
Acq: 23 Apr 2020 15:08

Tgt Ion:114 Resp: 1297218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.0 | 0.0 | 40.6 |
| 88 | 15.4 | 0.0 | 32.8 |



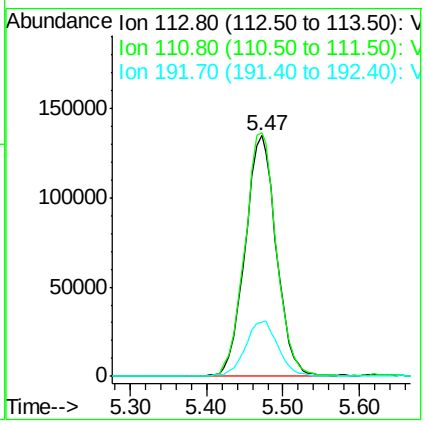


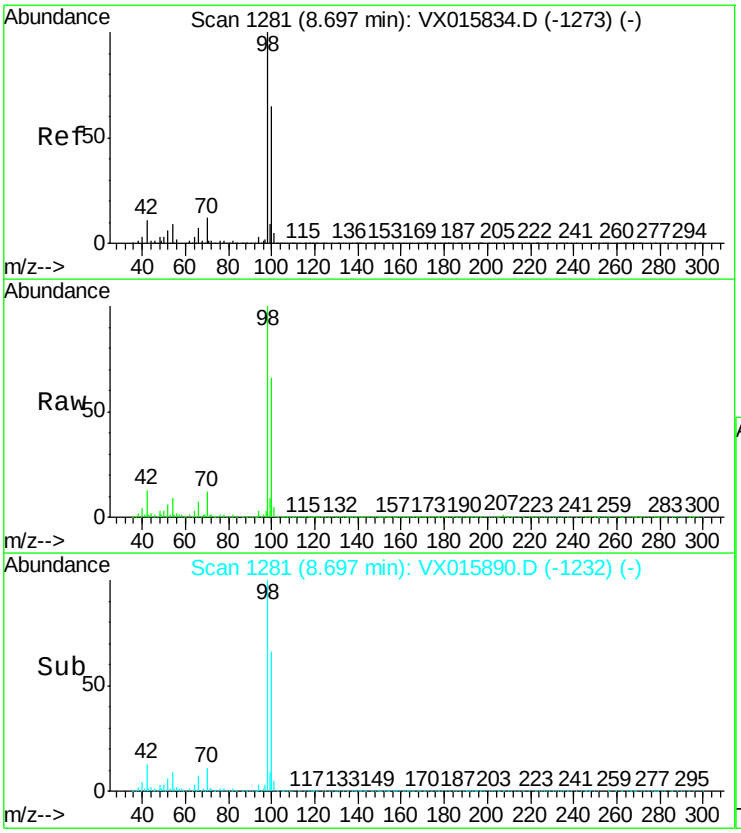

#35
Dibromofluoromethane
Concen: 50.818 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015890.D
Acq: 23 Apr 2020 15:08

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037MW012-200420

Tgt Ion:113 Resp: 380515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.8 | 82.7 | 124.1 |
| 192 | 24.0 | 19.3 | 28.9 |

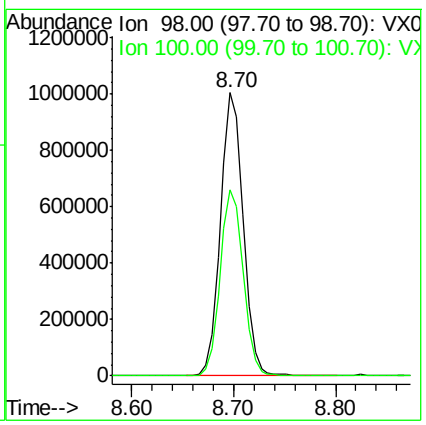


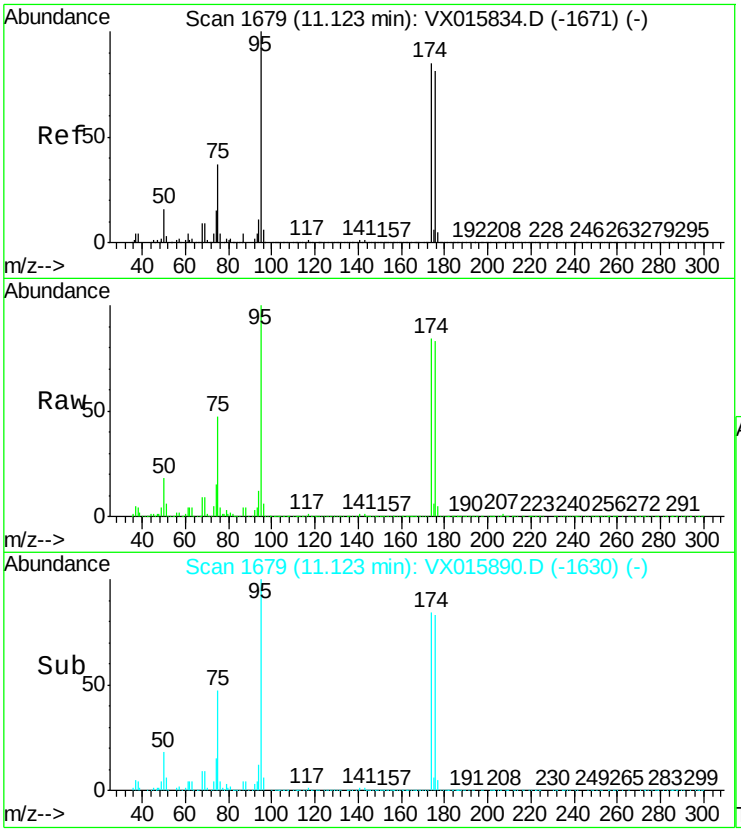




#50
Toluene-d8
Concen: 51.759 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015890.D
Acq: 23 Apr 2020 15:08

Tgt Ion: 98 Resp: 1560188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.9 | 53.8 | 80.6 |



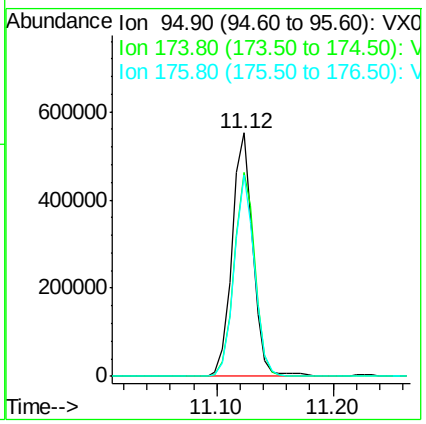


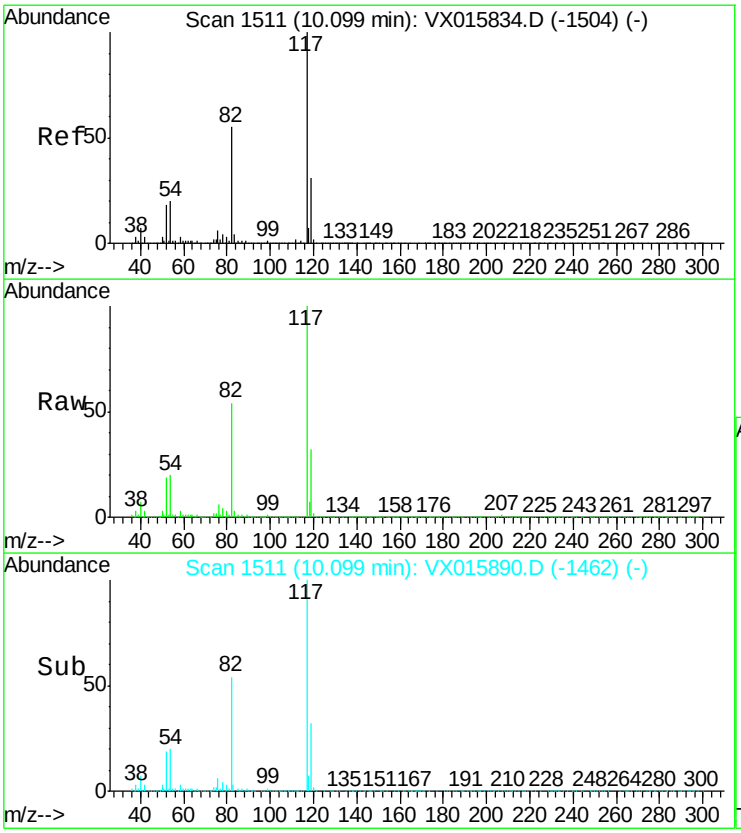

#62
4-Bromofluorobenzene
Concen: 55.366 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015890.D
Acq: 23 Apr 2020 15:08

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037MW012-200420

Tgt Ion: 95 Resp: 684632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 84.1 | 0.0 | 172.4 |
| 176 | 81.0 | 0.0 | 167.0 |

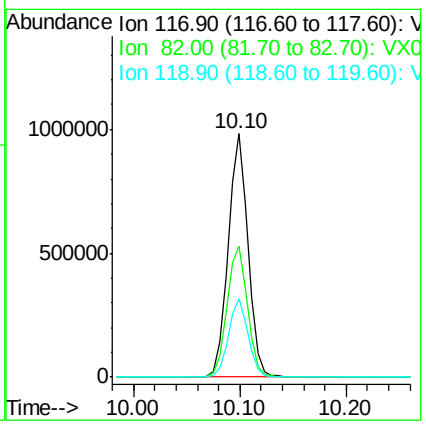


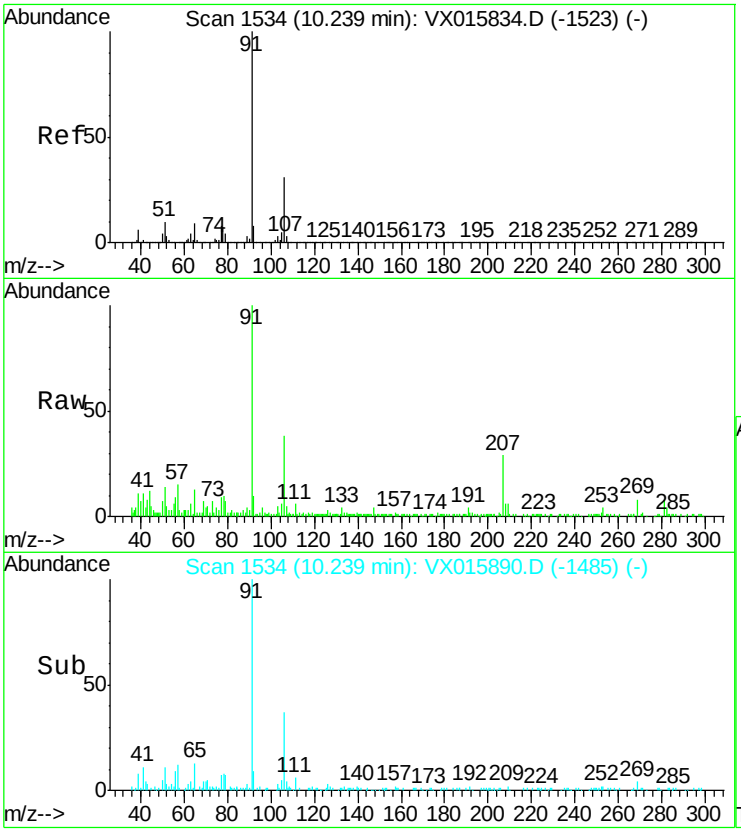




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015890.D
Acq: 23 Apr 2020 15:08

Tgt Ion:117 Resp: 1280323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.8 | 43.9 | 65.9 |
| 119 | 32.0 | 25.1 | 37.7 |



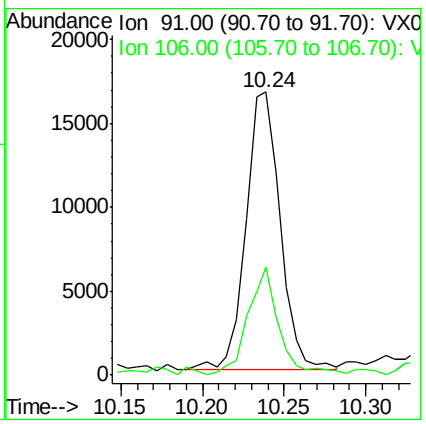


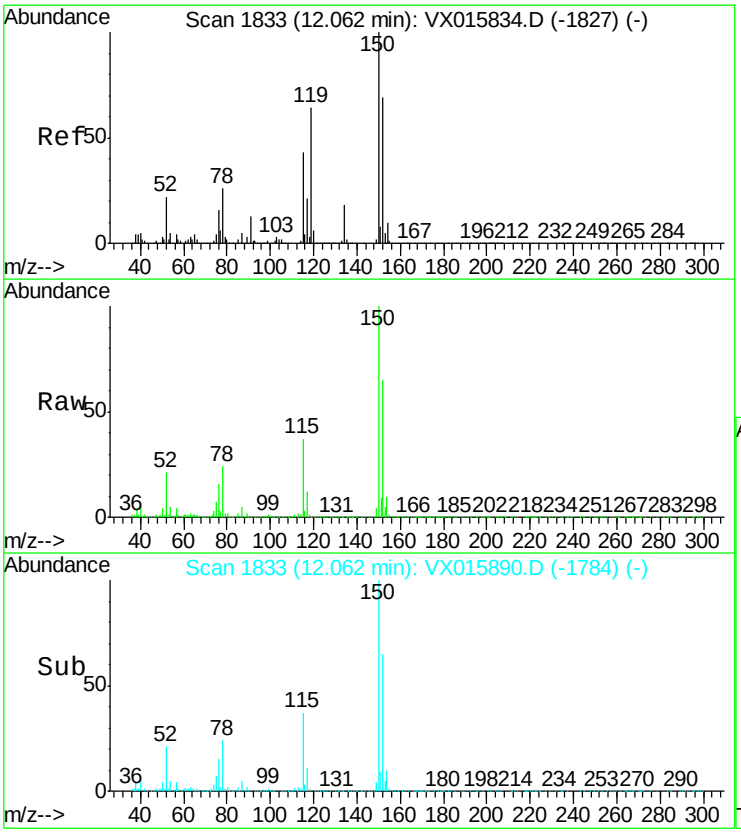

#67
Ethyl Benzene
Concen: 0.541 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015890.D
Acq: 23 Apr 2020 15:08

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037MW012-200420

Tgt Ion: 91 Resp: 24341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 37.0 | 25.0 | 37.4 |

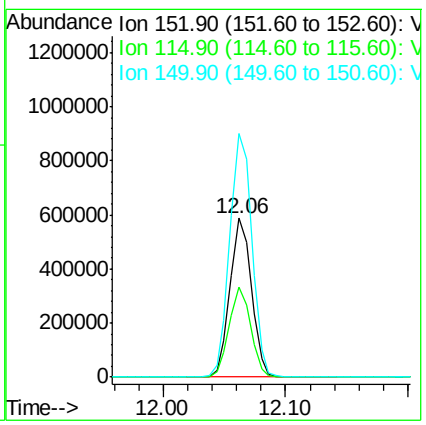


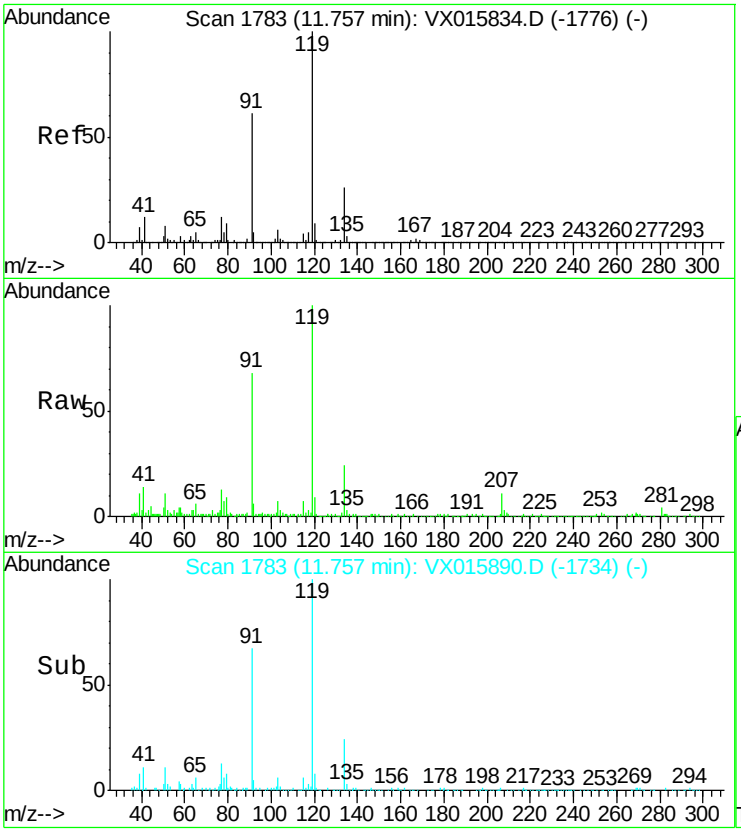




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015890.D
Acq: 23 Apr 2020 15:08

Tgt Ion:152 Resp: 711067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 56.5 | 39.0 | 116.9 |
| 150 | 157.7 | 0.0 | 336.8 |






#83
tert-Butylbenzene
Concen: 1.608 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015890.D
Acq: 23 Apr 2020 15:08

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037MW012-200420

Tgt Ion:119 Resp: 54921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 66.1 | 30.9 | 92.7 |
| 134 | 24.3 | 12.4 | 37.2 |