Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070518\
Data File : VX003173.D
Acq On : 05 Jul 2018 15:40
Operator : JC/MD
Sample : J3754-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** S10-0143

Quant Time: Jul 05 17:48:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 274591 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.87 | 114 | 382795 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 360508 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 197574 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 175511 | 46.24 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 92.48% | | | | |
| 35) Dibromofluoromethane | 5.51 | 113 | 145348 | 47.95 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.90% | | | | |
| 50) Toluene-d8 | 8.72 | 98 | 539300 | 48.72 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.44% | | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 183428 | 42.97 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 85.94% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Methyl Iodide | 2.52 | 142 | 2424 | 6.92 | ug/l | | 98 |
| 40) Benzene | 6.15 | 78 | 34053 | 2.79 | ug/l | | 97 |
| 67) Ethyl Benzene | 10.26 | 91 | 104525 | 6.91 | ug/l | | 100 |
| 68) m/p-Xylenes | 10.37 | 106 | 5974 | 1.02 | ug/l | | 91 |
| 73) Isopropylbenzene | 11.02 | 105 | 27886 | 2.10 | ug/l | | 99 |
| 78) n-propylbenzene | 11.37 | 91 | 31150 | 2.06 | ug/l | | 98 |
| 95) Naphthalene | 13.84 | 128 | 14051 | 1.04 | ug/l | # | 95 |

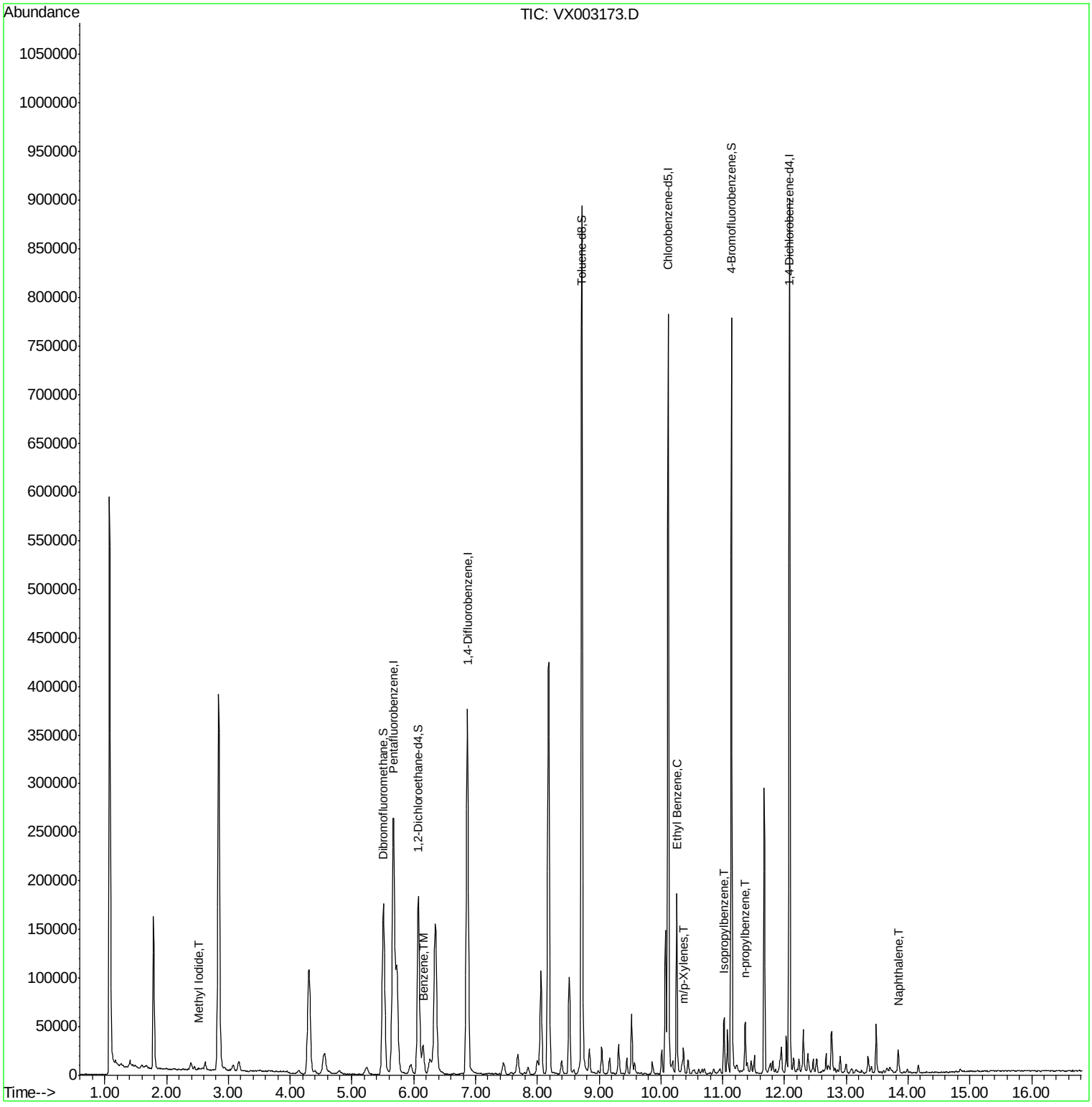
(#) = qualifier out of range (m) = manual integration (+) = signals summed

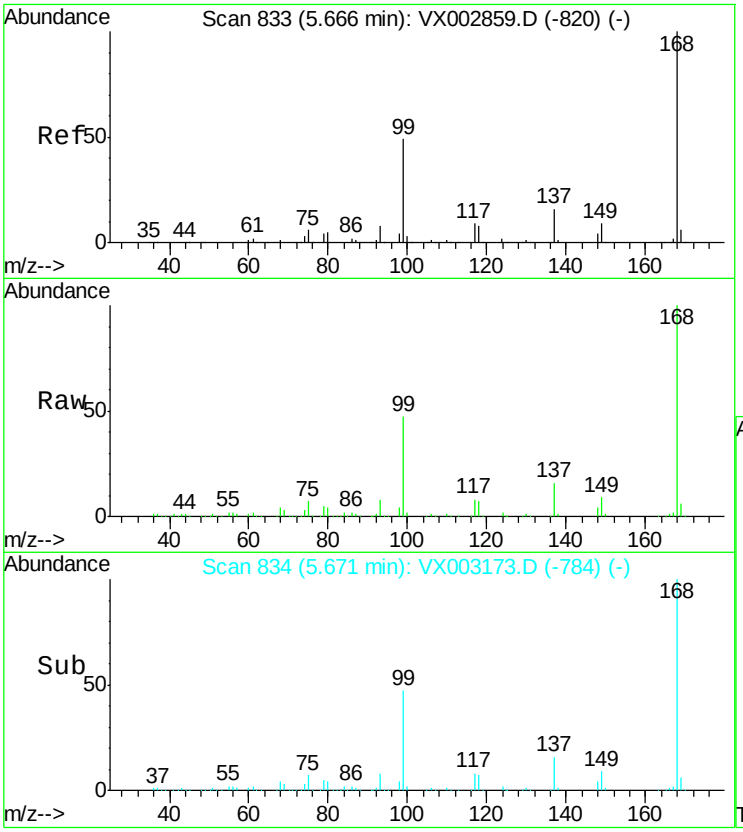
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
Data File : VX003173.D
Acq On : 05 Jul 2018 15:40
Operator : JC/MD
Sample : J3754-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
S10-0143

Quant Time: Jul 05 17:48:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration



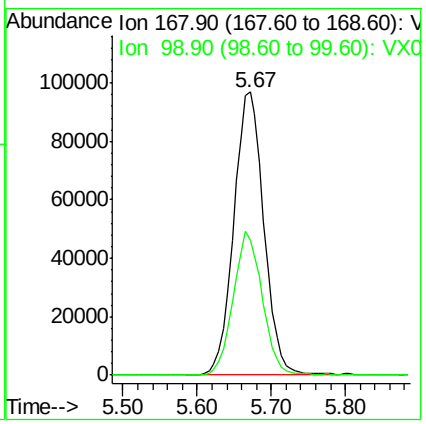


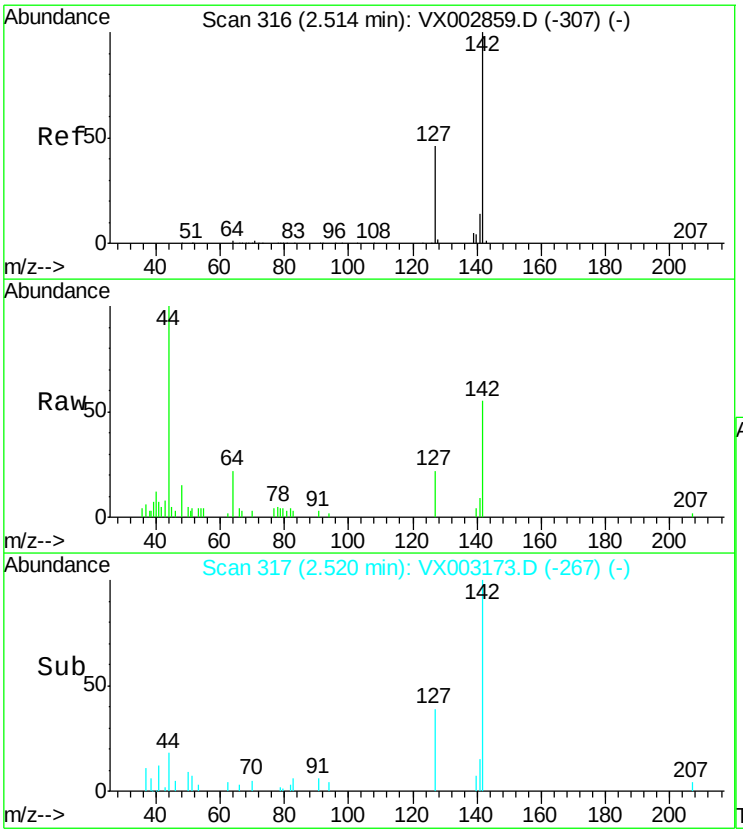

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003173.D
Acq: 05 Jul 2018 15:40

**Instrument :** MSVOA_X
**ClientSampleId :** S10-0143

Tgt Ion:168 Resp: 274591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 47.5 | 39.3 | 58.9 |

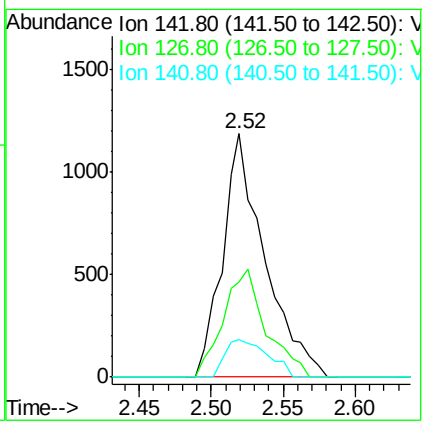


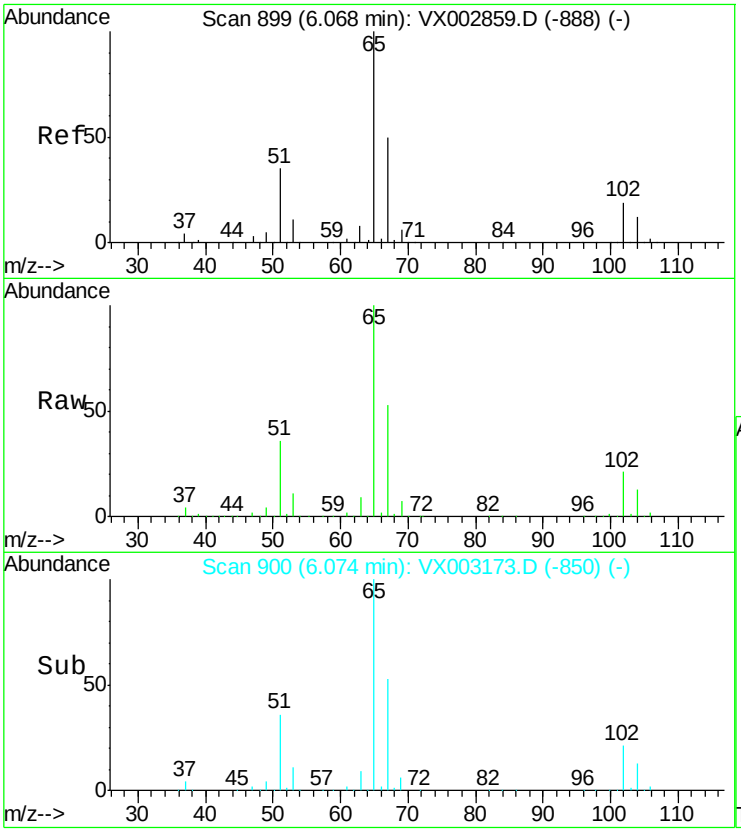




#10
Methyl Iodide
Concen: 6.92 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003173.D
Acq: 05 Jul 2018 15:40

Tgt Ion:142 Resp: 2424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 45.0 | 36.6 | 55.0 |
| 141 | 15.6 | 11.3 | 16.9 |



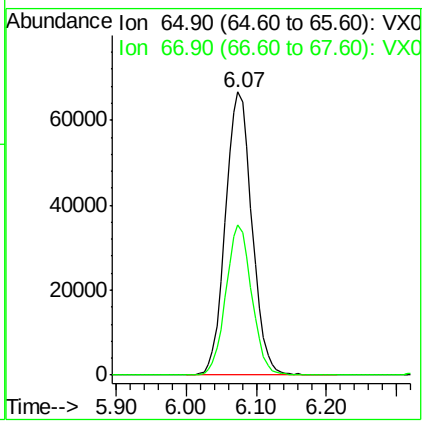


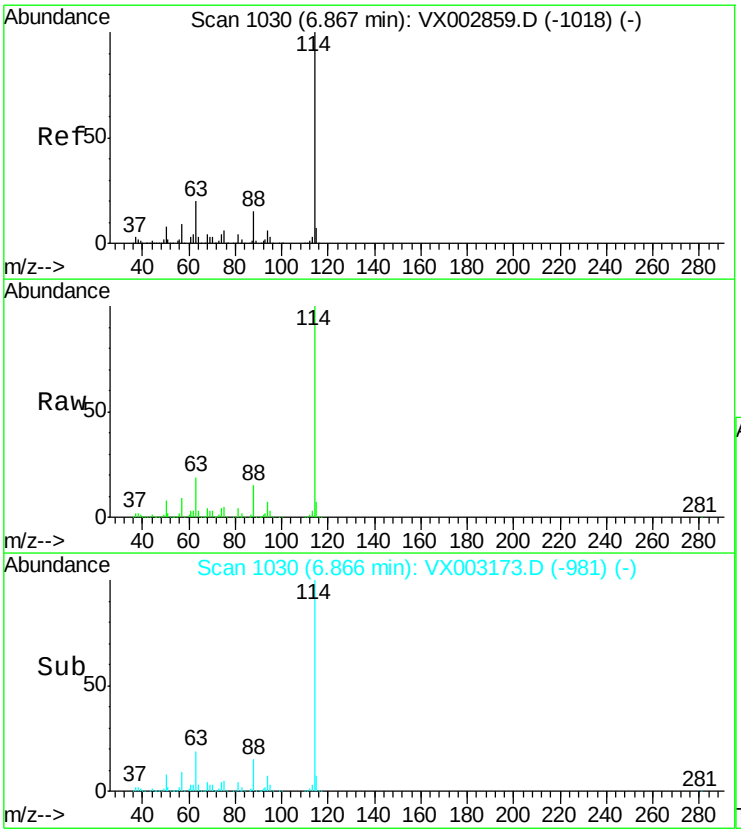

#33
1,2-Dichloroethane-d4
Concen: 46.24 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003173.D
Acq: 05 Jul 2018 15:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
S10-0143

Tgt Ion: 65 Resp: 175511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.9 | 0.0 | 102.6 |

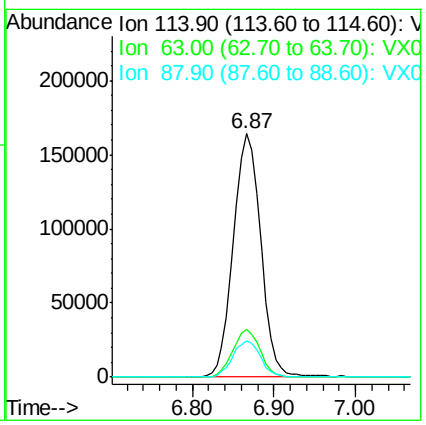


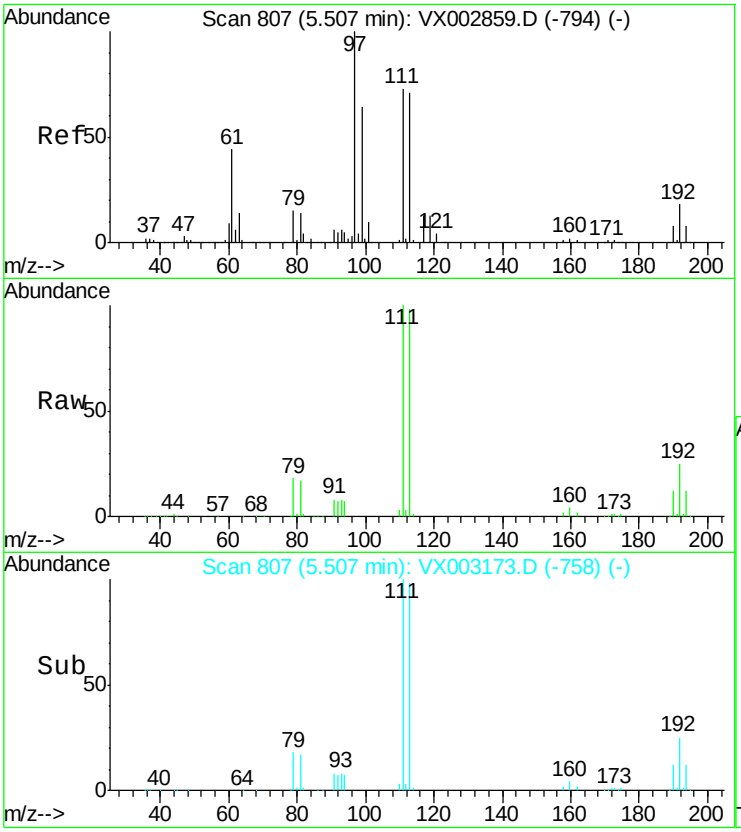




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003173.D
Acq: 05 Jul 2018 15:40

Tgt Ion:114 Resp: 382795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.5 | 0.0 | 41.4 |
| 88 | 15.1 | 0.0 | 30.0 |



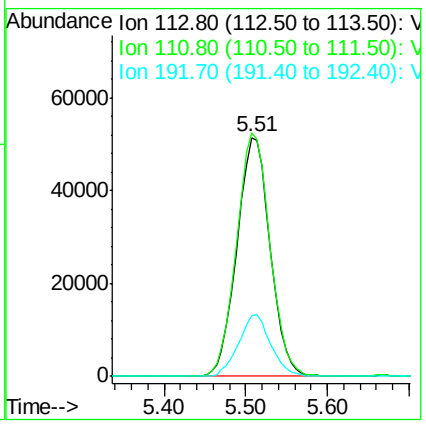


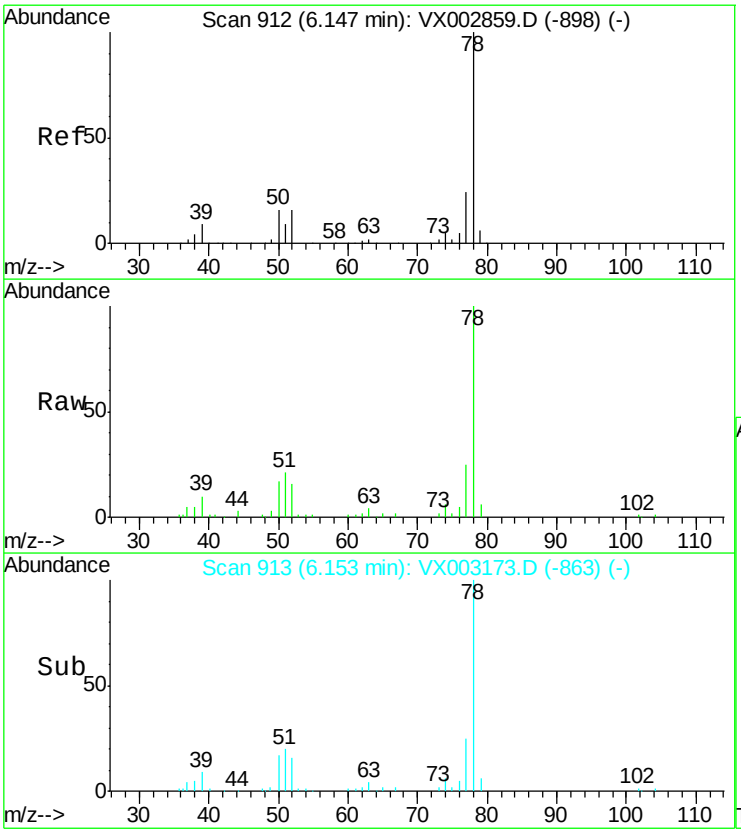

#35
Dibromofluoromethane
Concen: 47.95 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003173.D
Acq: 05 Jul 2018 15:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
S10-0143

Tgt Ion:113 Resp: 145348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.7 | 81.4 | 122.0 |
| 192 | 25.1 | 19.1 | 28.7 |

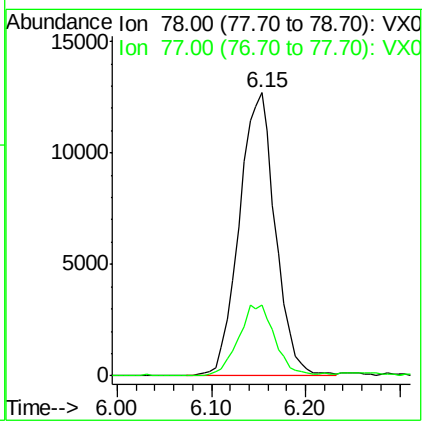


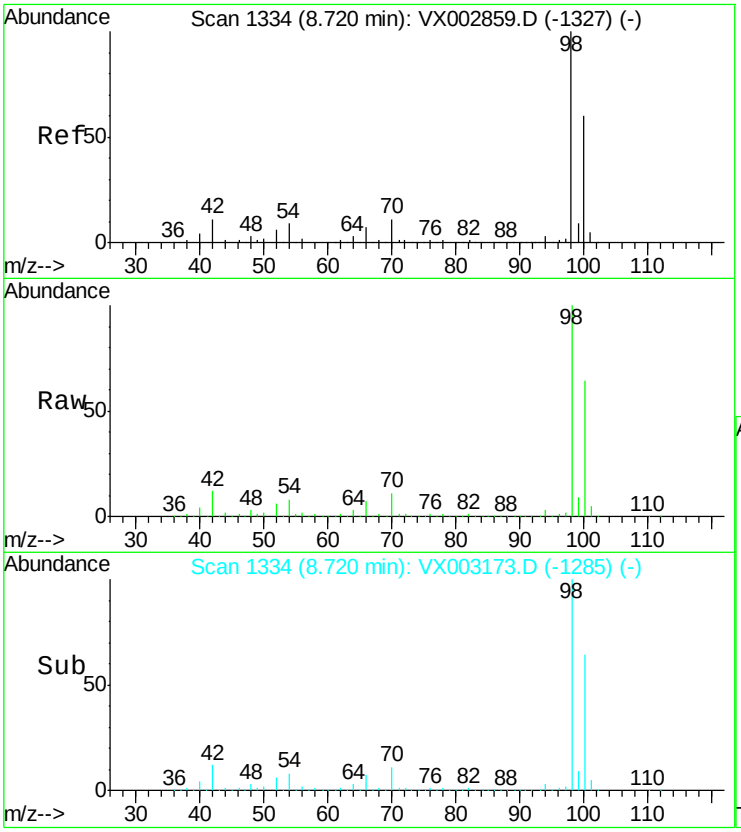




#40
Benzene
Concen: 2.79 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX003173.D
Acq: 05 Jul 2018 15:40

Tgt Ion: 78 Resp: 34053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 25.3 | 19.1 | 28.7 |



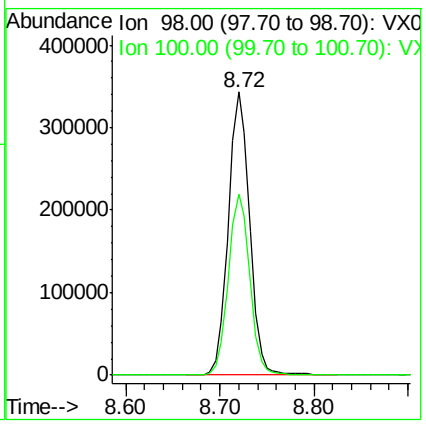


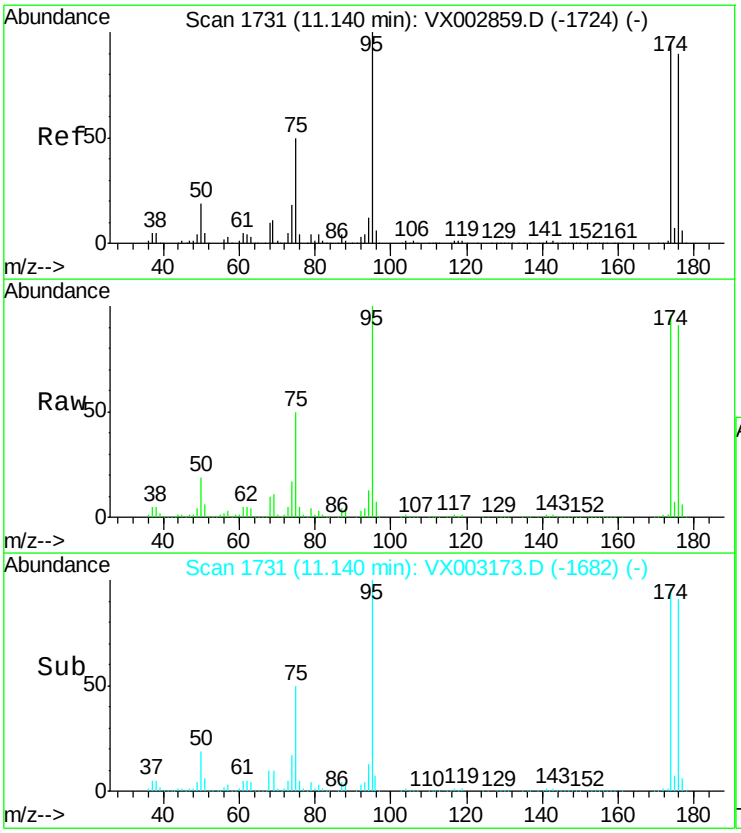

#50
Toluene-d8
Concen: 48.72 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003173.D
Acq: 05 Jul 2018 15:40

**Instrument :** MSVOA_X
**ClientSampleId :** S10-0143

Tgt Ion: 98 Resp: 539300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.3 | 50.9 | 76.3 |

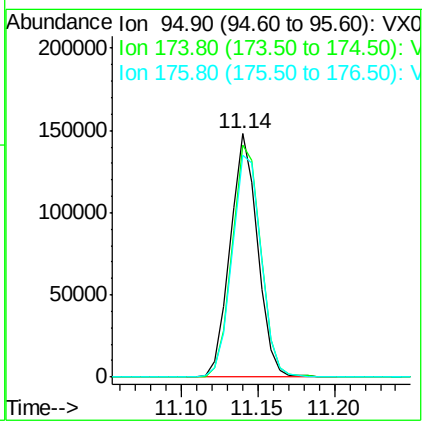


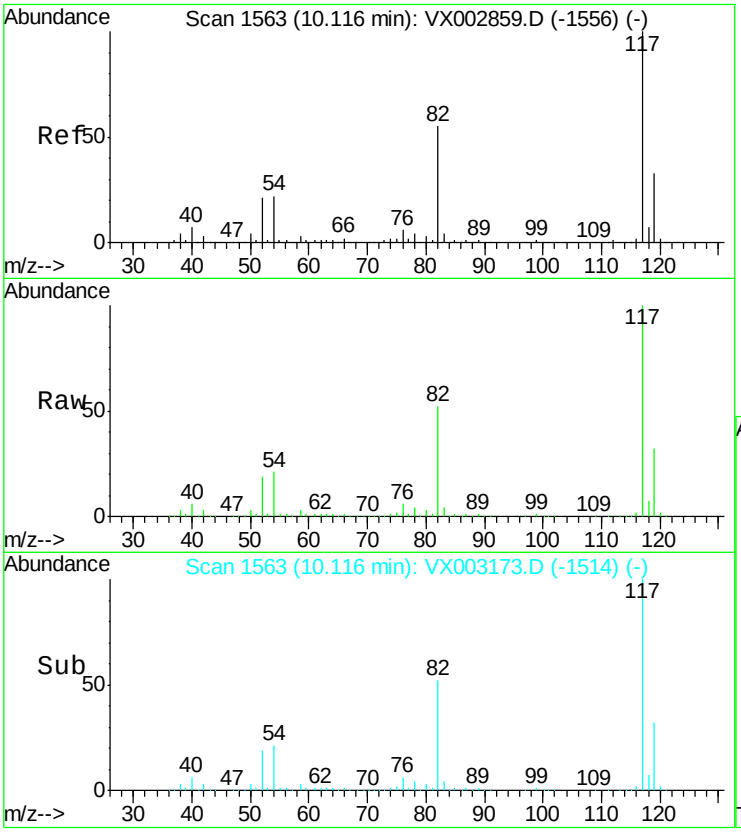




#62
4-Bromofluorobenzene
Concen: 42.97 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003173.D
Acq: 05 Jul 2018 15:40

Tgt Ion: 95 Resp: 183428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 100.1 | 0.0 | 187.4 |
| 176 | 97.2 | 0.0 | 181.0 |



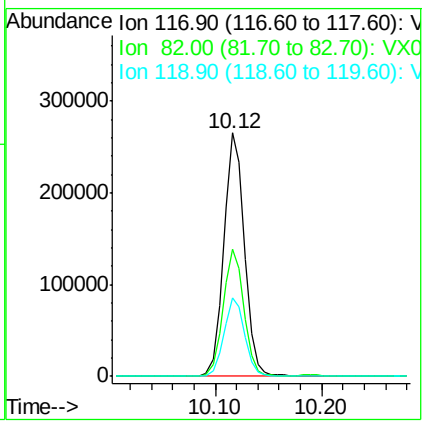


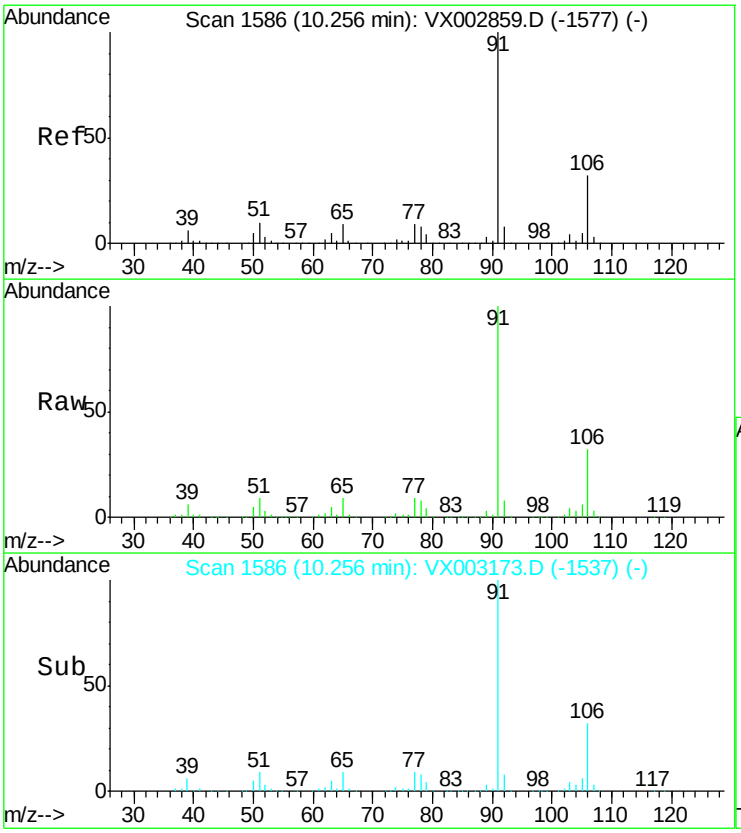

#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003173.D
Acq: 05 Jul 2018 15:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
S10-0143

Tgt Ion:117 Resp: 360508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 52.4 | 45.0 | 67.4 |
| 119 | 32.2 | 25.8 | 38.6 |

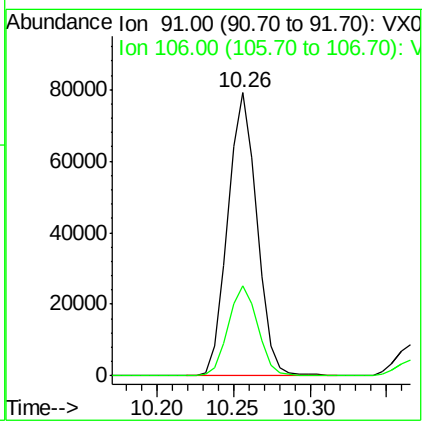


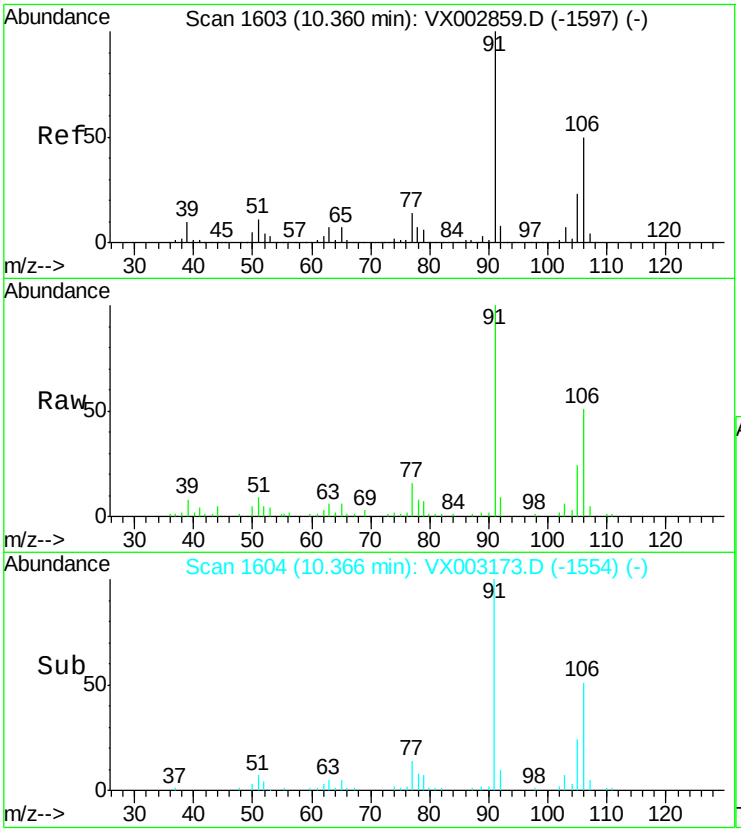




#67
Ethyl Benzene
Concen: 6.91 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003173.D
Acq: 05 Jul 2018 15:40

Tgt Ion: 91 Resp: 104525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.8 | 25.5 | 38.3 |



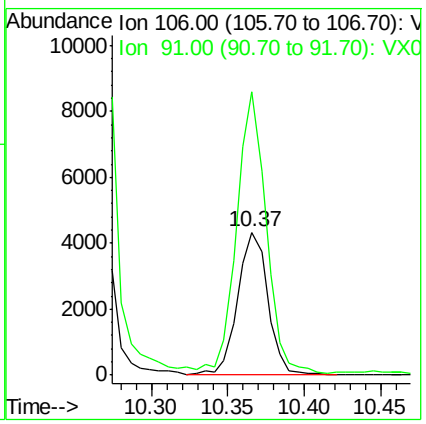


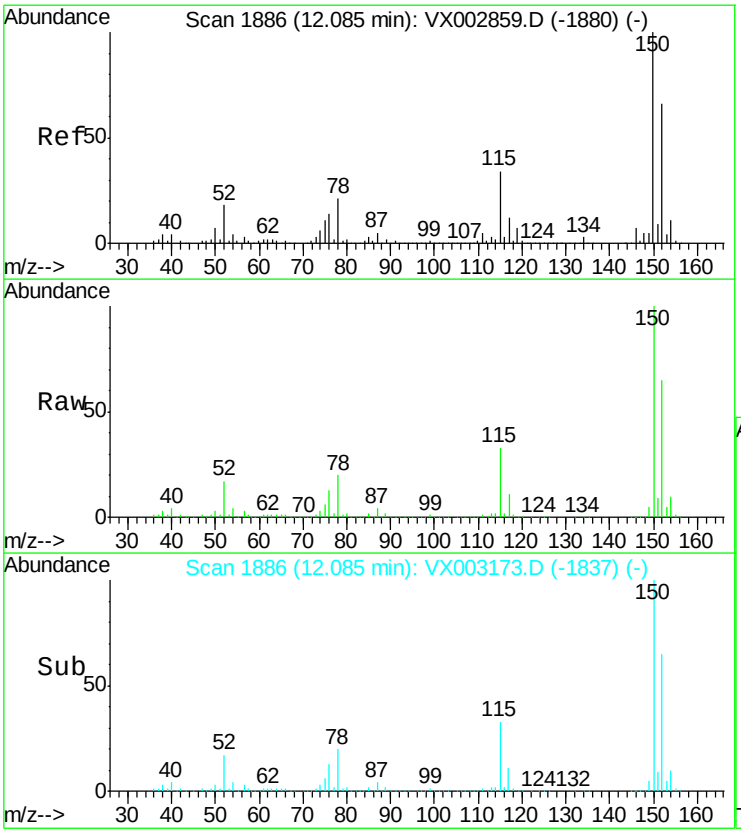

#68
m/p-Xylenes
Concen: 1.02 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003173.D
Acq: 05 Jul 2018 15:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
S10-0143

Tgt Ion:106 Resp: 5974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 190.0 | 163.4 | 245.2 |

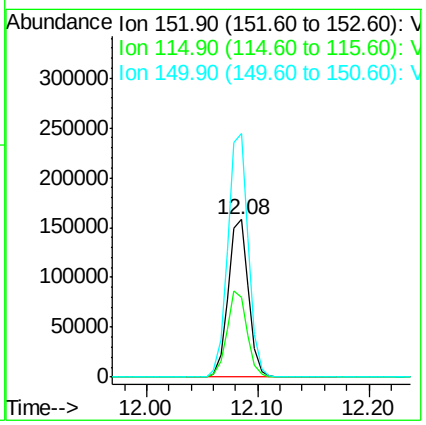


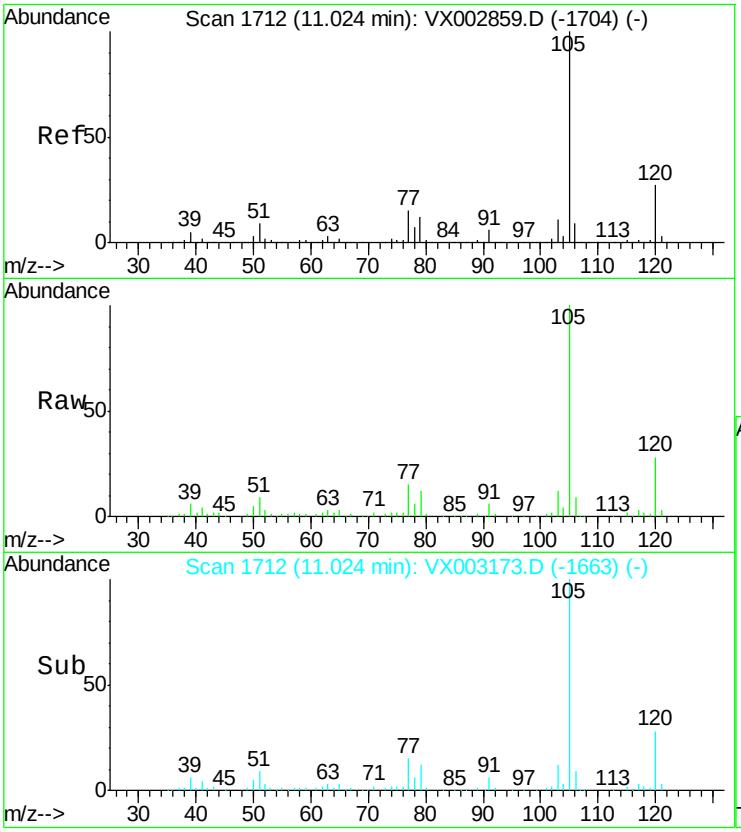




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003173.D
Acq: 05 Jul 2018 15:40

Tgt Ion:152 Resp: 197574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 53.9 | 40.1 | 120.2 |
| 150 | 156.6 | 0.0 | 347.2 |



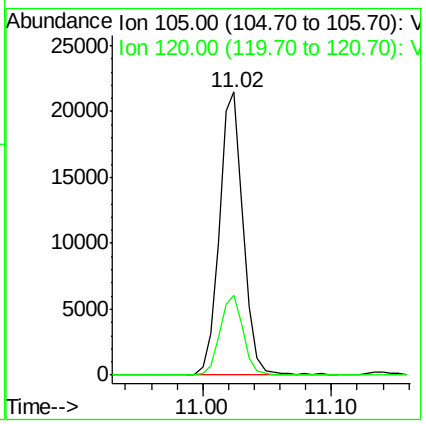


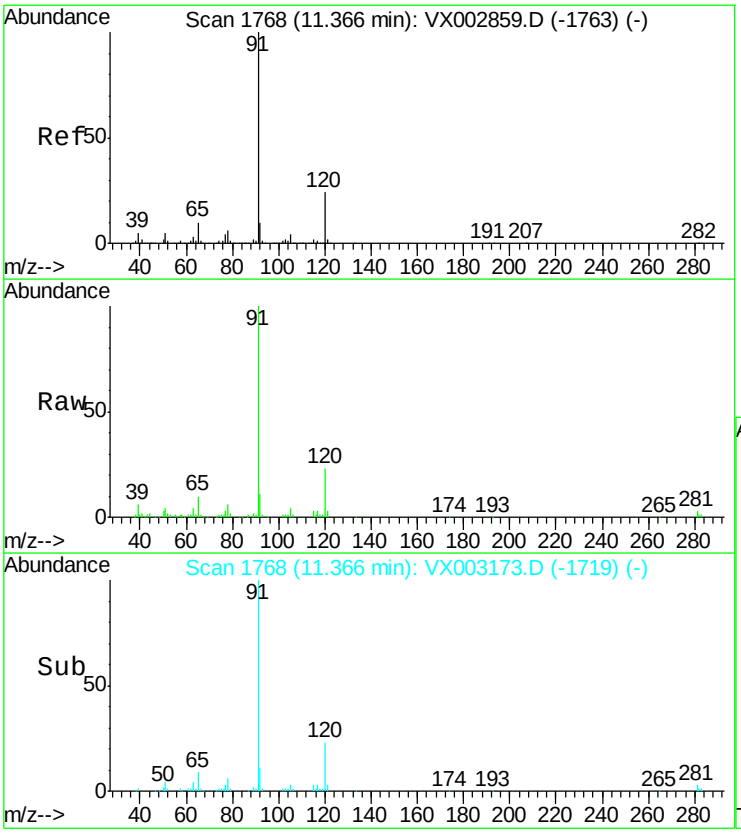

#73
Isopropylbenzene
Concen: 2.10 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX003173.D
Acq: 05 Jul 2018 15:40

**Instrument :** MSVOA_X
**ClientSampleId :** S10-0143

Tgt Ion:105 Resp: 27886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.6 | 13.5 | 40.4 |

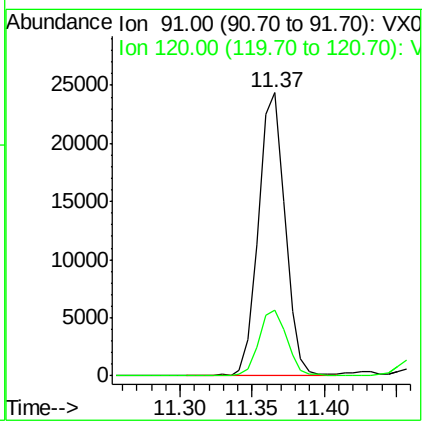


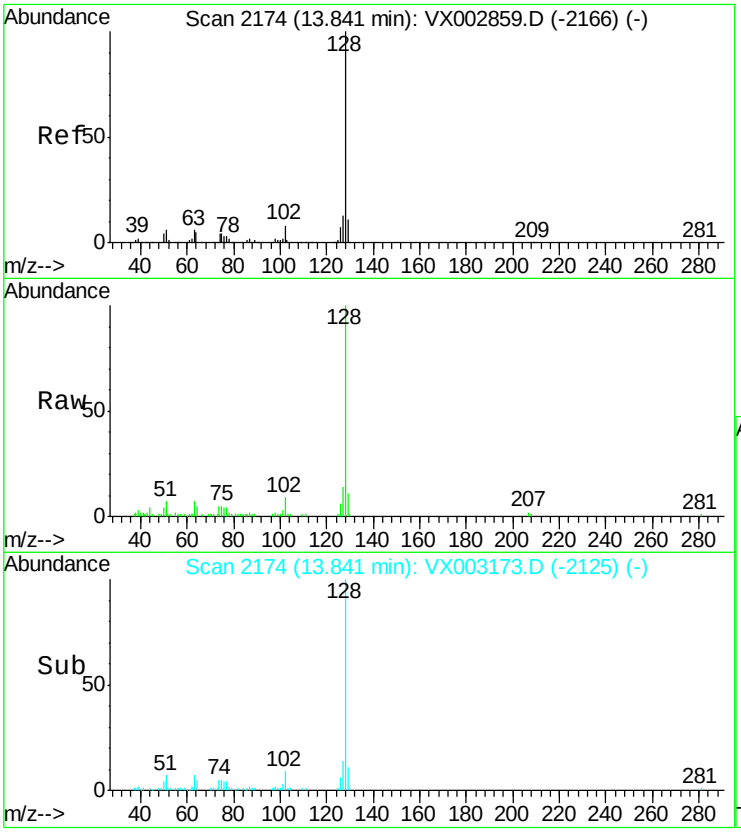




#78
n-propylbenzene
Concen: 2.06 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX003173.D
Acq: 05 Jul 2018 15:40

Tgt Ion: 91 Resp: 31150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 24.4 | 11.8 | 35.4 |






#95
Naphthalene
Concen: 1.04 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX003173.D
Acq: 05 Jul 2018 15:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
S10-0143

Tgt Ion:128 Resp: 14051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.6 | 10.4 | 15.6 |
| 129 | 14.0 | 8.6 | 13.0# |