Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122118\
Data File : VX006747.D
Acq On : 22 Dec 2018 02:38
Operator : JC/MD
Sample : J6200-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** TR-05-122018

Quant Time: Dec 22 05:53:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

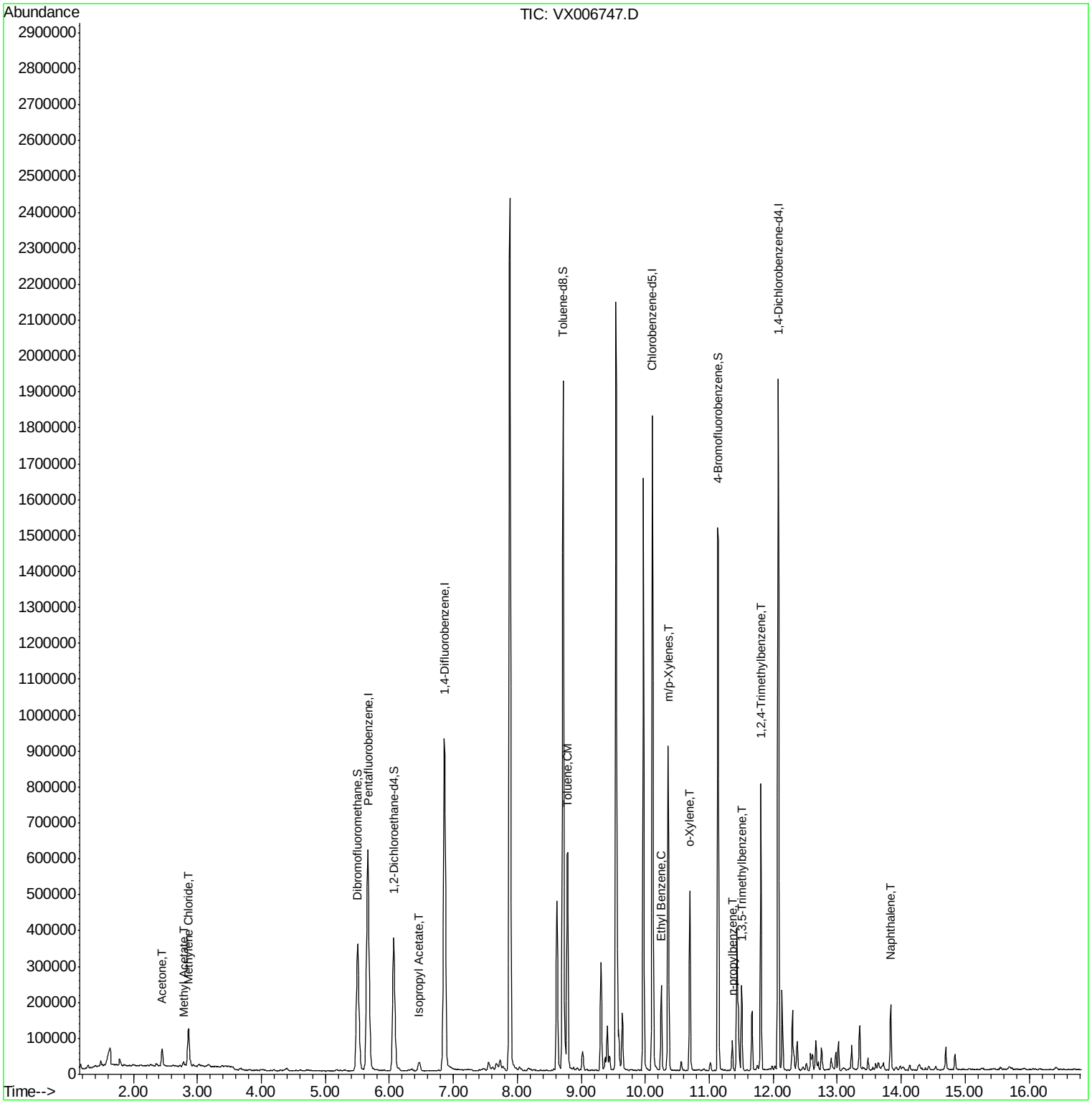
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 632742 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 1000485 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 891514 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 415449 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 341723 | 50.11 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.22% | | | |
| 35) Dibromofluoromethane | 5.51 | 113 | 300521 | 47.50 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.00% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 1169169 | 49.02 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.04% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 393362 | 45.03 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.06% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 2.45 | 43 | 53025 | 16.924 | ug/l | 97 |
| 18) Methyl Acetate | 2.78 | 43 | 14843 | 1.611 | ug/l | 98 |
| 20) Methylene Chloride | 2.86 | 84 | 48108 | 7.426 | ug/l | 94 |
| 43) Isopropyl Acetate | 6.46 | 43 | 30875 | 2.353 | ug/l | 95 |
| 52) Toluene | 8.78 | 92 | 239287 | 14.705 | ug/l | 98 |
| 67) Ethyl Benzene | 10.25 | 91 | 137936 | 4.476 | ug/l | 97 |
| 68) m/p-Xylenes | 10.36 | 106 | 229665 | 18.885 | ug/l | 99 |
| 69) o-Xylene | 10.70 | 106 | 95166 | 7.924 | ug/l | 100 |
| 78) n-propylbenzene | 11.36 | 91 | 54608 | 1.745 | ug/l | 97 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 102474 | 4.377 | ug/l | 97 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 362938 | 14.740 | ug/l | 100 |
| 95) Naphthalene | 13.83 | 128 | 117423 | 3.850 | ug/l | 98 |

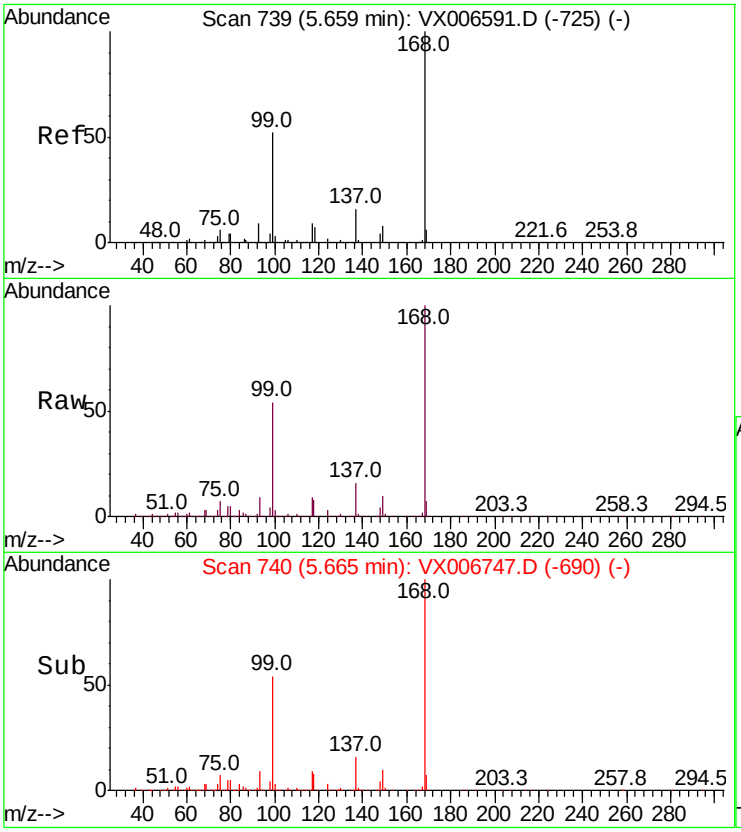
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122118\
Data File : VX006747.D
Acq On : 22 Dec 2018 02:38
Operator : JC/MD
Sample : J6200-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** TR-05-122018

Quant Time: Dec 22 05:53:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration



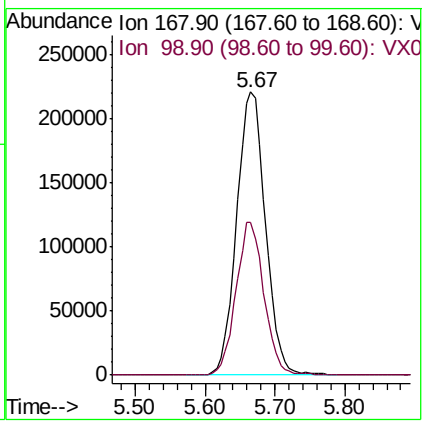


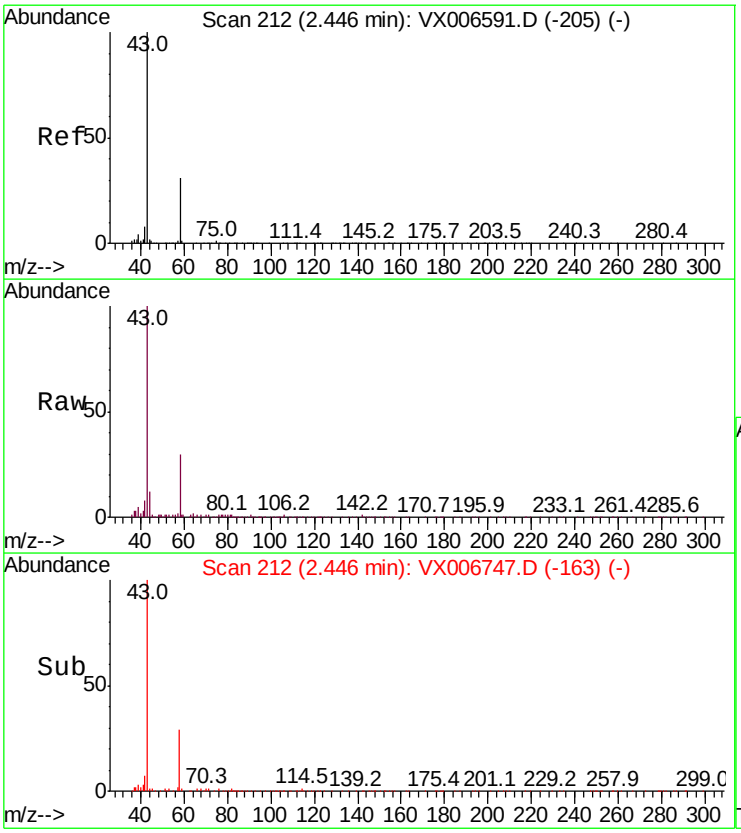

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

**Instrument :**
MSVOA_X
**ClientSampleId :**
TR-05-122018

Tgt Ion:168 Resp: 632742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 53.7 | 41.8 | 62.8 |

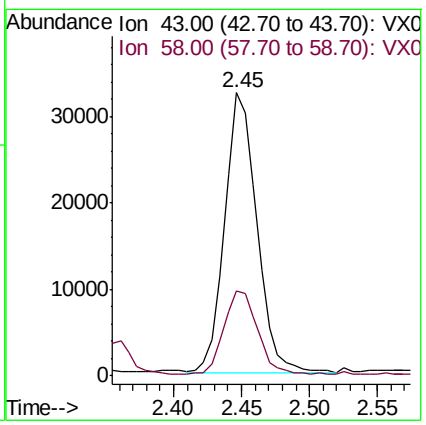


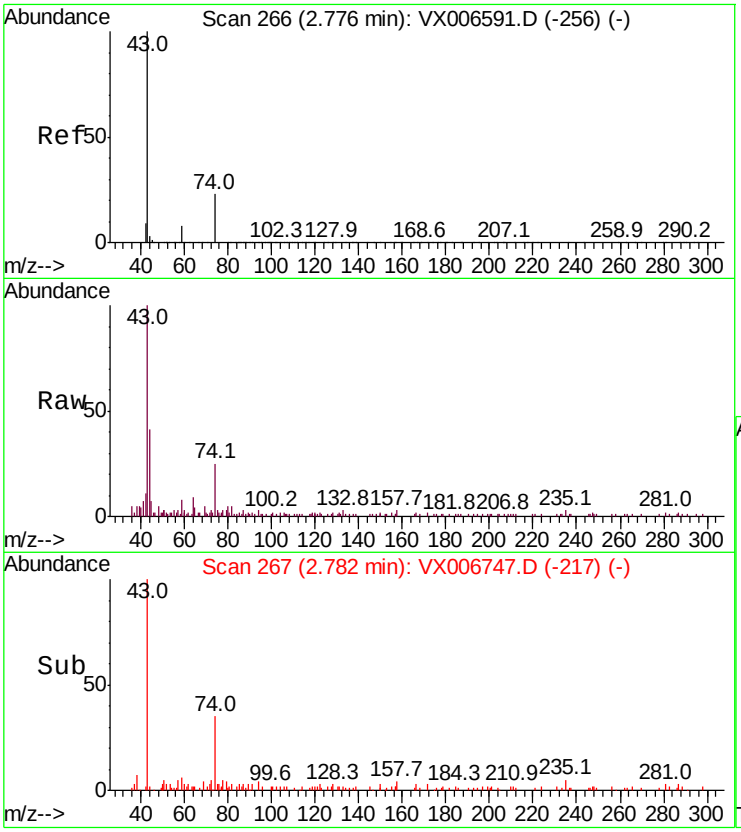




#16
Acetone
Concen: 16.924 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

Tgt Ion: 43 Resp: 53025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.8 | 25.0 | 37.6 |



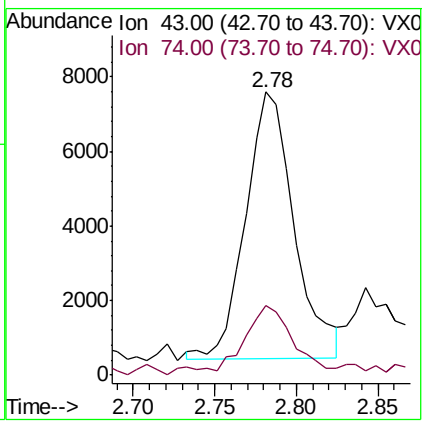


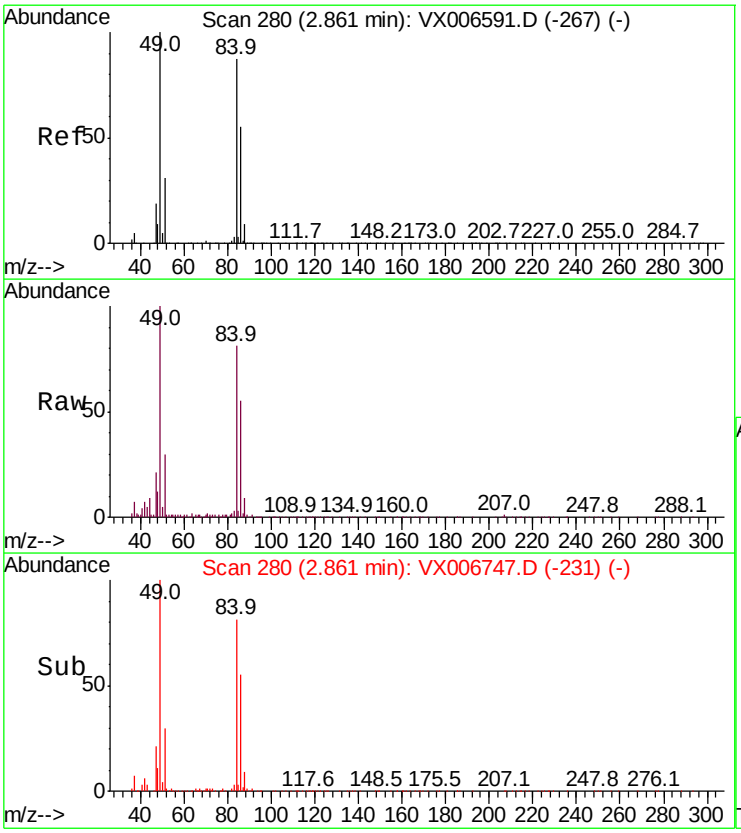

#18
Methyl Acetate
Concen: 1.611 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

**Instrument :** MSVOA_X
**ClientSampleId :** TR-05-122018

Tgt Ion: 43 Resp: 14843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 22.4 | 18.6 | 28.0 |

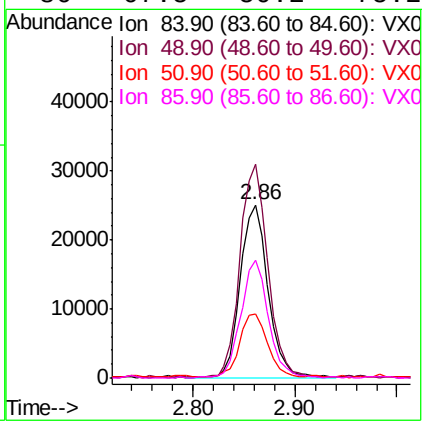


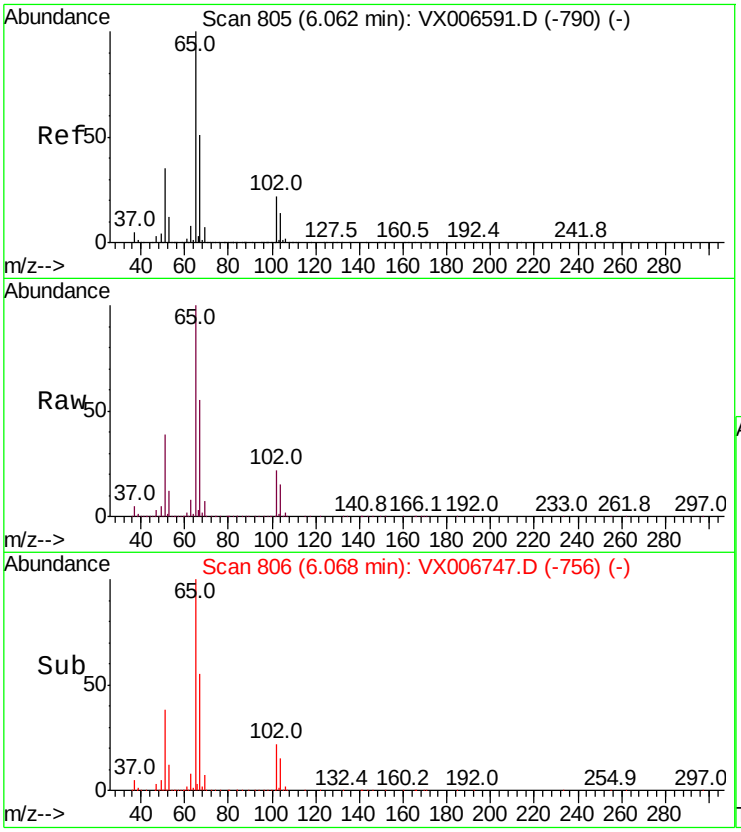




#20
Methylene Chloride
Concen: 7.426 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

Tgt Ion: 84 Resp: 48108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 123.2 | 91.8 | 137.6 |
| 51 | 36.4 | 28.5 | 42.7 |
| 86 | 67.5 | 50.2 | 75.2 |



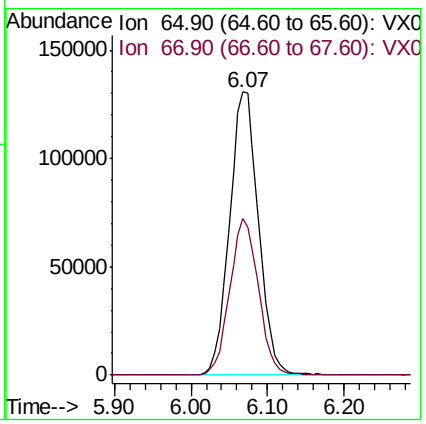


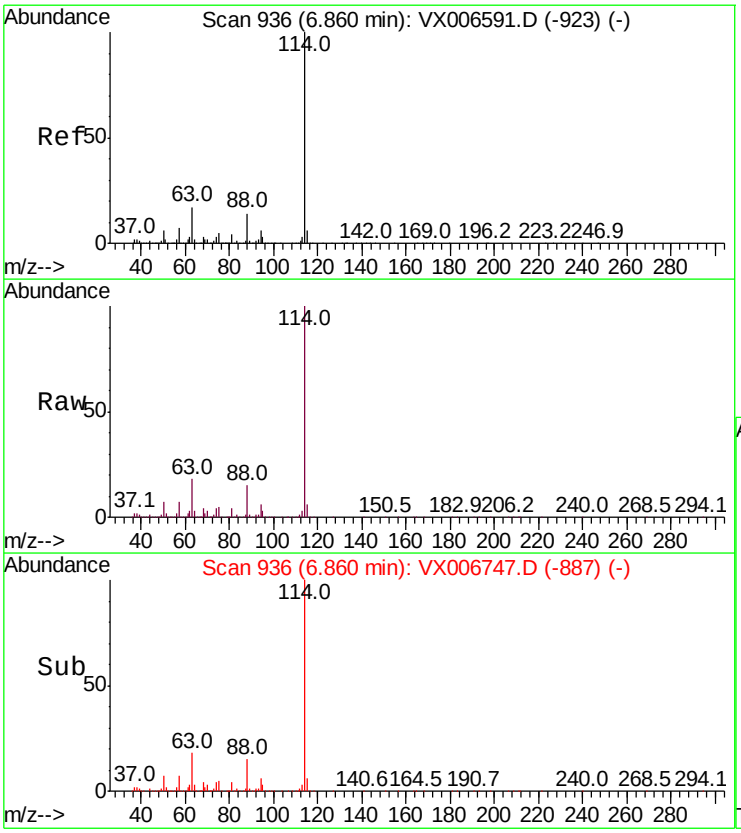

#33
1,2-Dichloroethane-d4
Concen: 50.110 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

**Instrument :** MSVOA_X
**ClientSampleId :** TR-05-122018

Tgt Ion: 65 Resp: 341723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.4 | 0.0 | 105.0 |

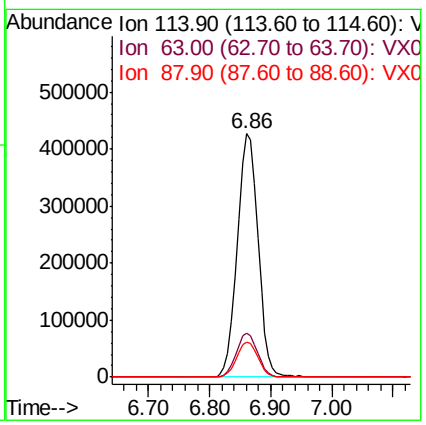


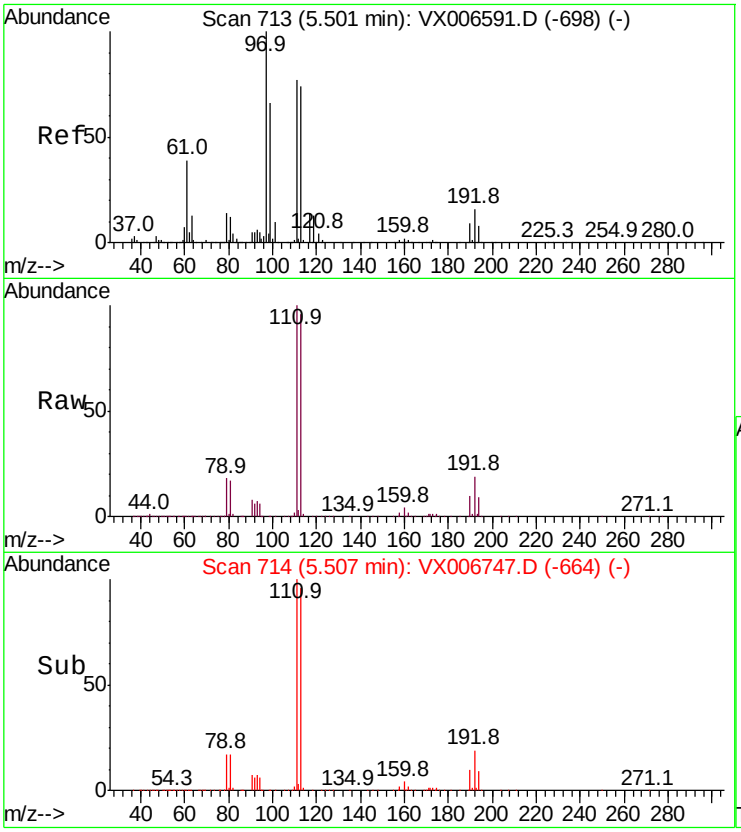




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

Tgt Ion:114 Resp: 1000485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.2 | 0.0 | 34.8 |
| 88 | 14.5 | 0.0 | 28.8 |



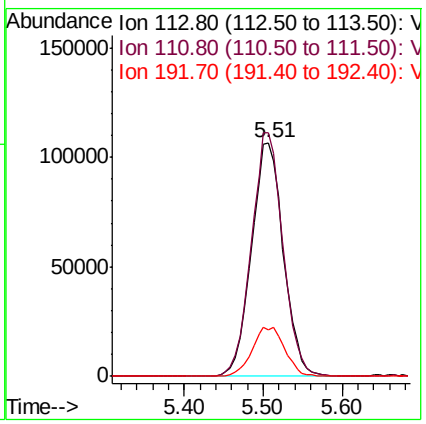


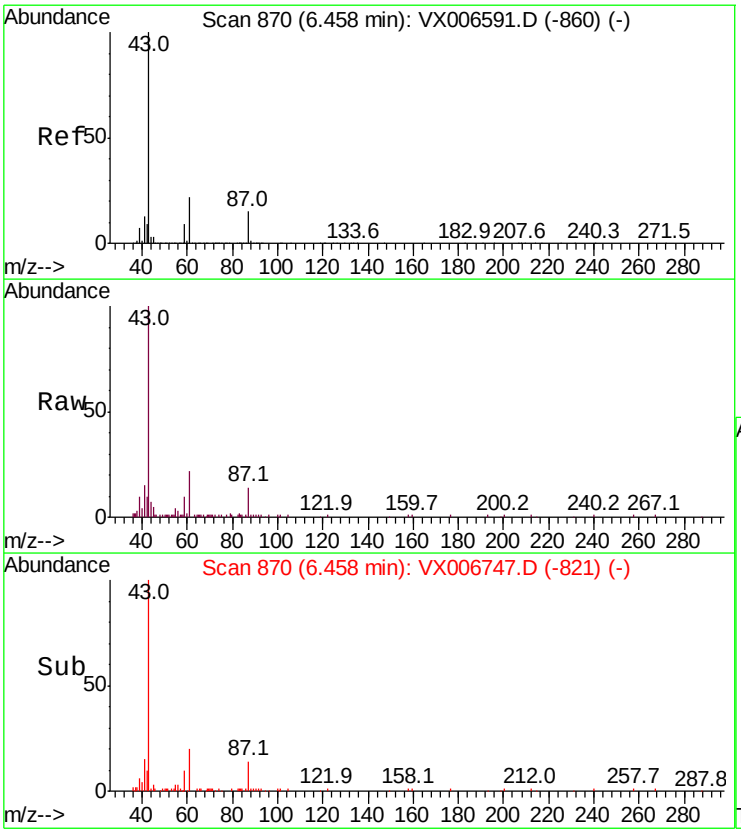

#35
Dibromofluoromethane
Concen: 47.499 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

**Instrument :**
MSVOA_X
**ClientSampleId :**
TR-05-122018

Tgt Ion:113 Resp: 300521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.9 | 81.6 | 122.4 |
| 192 | 21.5 | 16.7 | 25.1 |

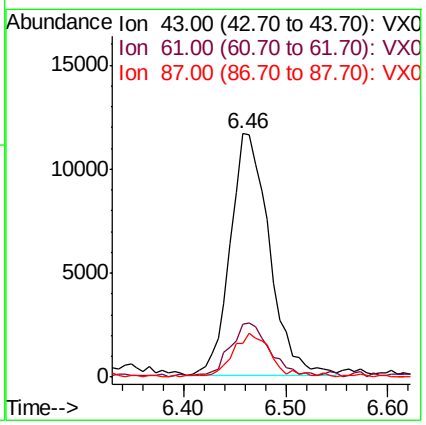


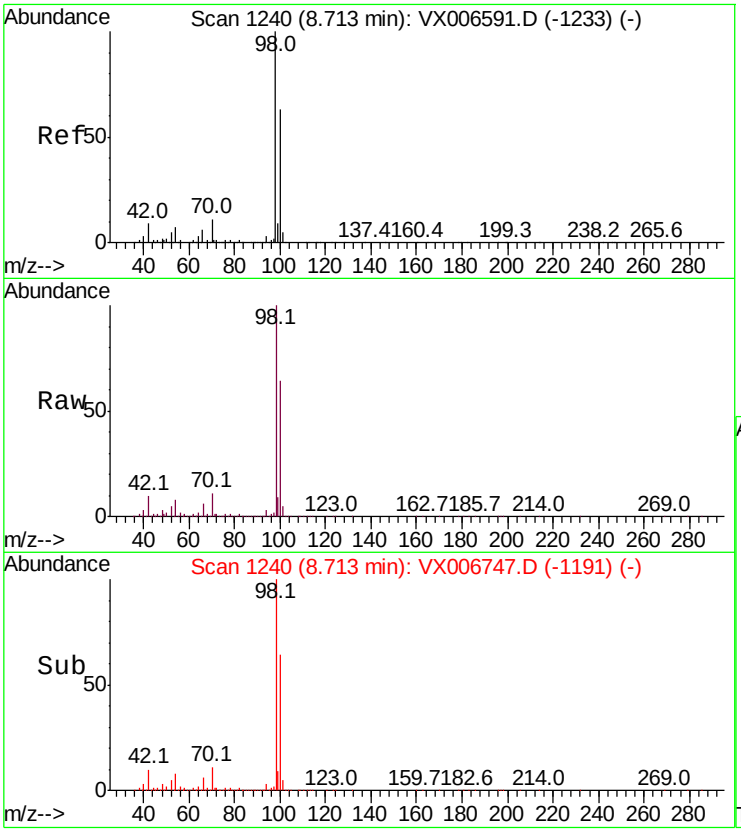




#43
Isopropyl Acetate
Concen: 2.353 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

Tgt Ion: 43 Resp: 30875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 23.0 | 16.8 | 25.2 |
| 87 | 18.1 | 12.4 | 18.6 |



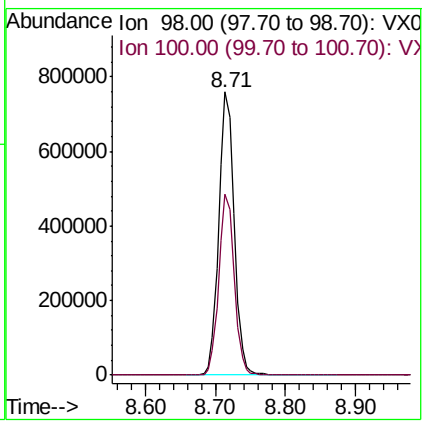


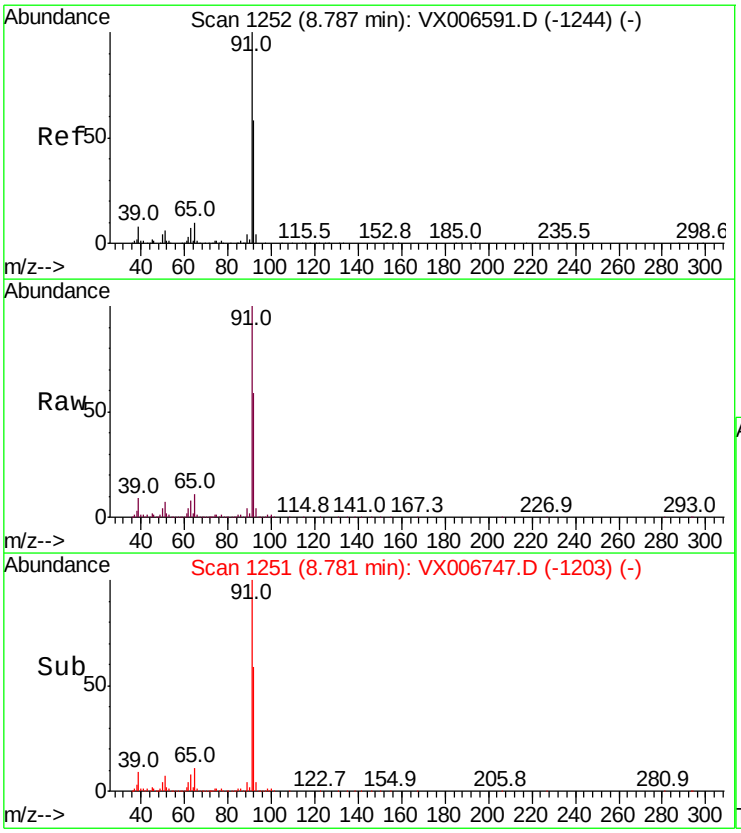

#50
Toluene-d8
Concen: 49.017 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

**Instrument :**
MSVOA_X
**ClientSampleId :**
TR-05-122018

Tgt Ion: 98 Resp: 1169169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.2 | 52.0 | 78.0 |

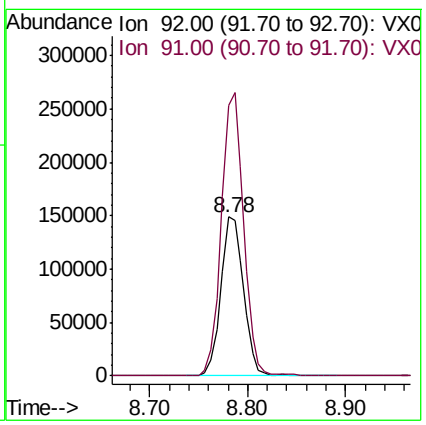


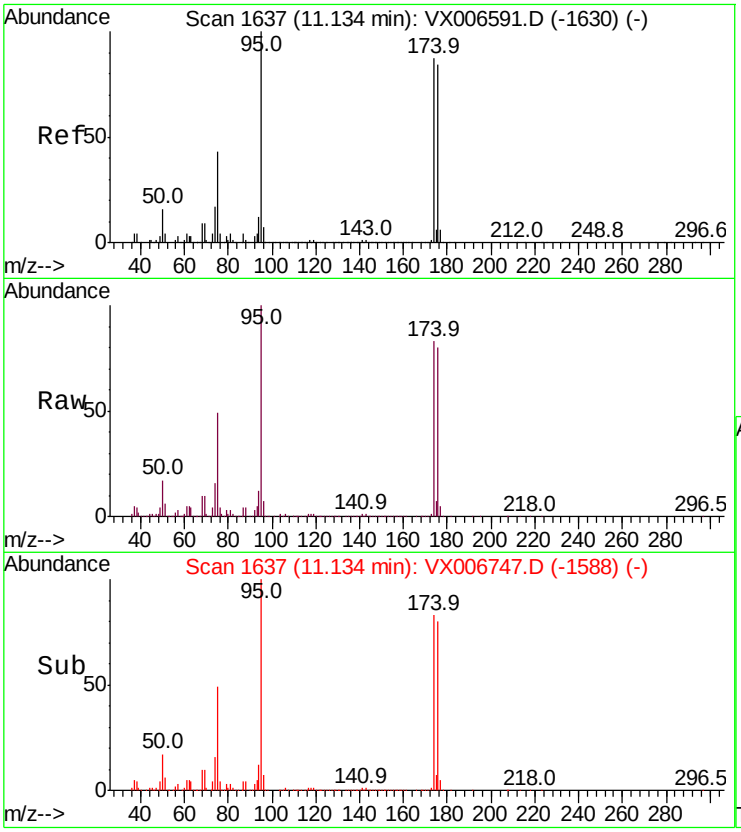




#52
Toluene
Concen: 14.705 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

Tgt Ion: 92 Resp: 239287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 175.2 | 137.6 | 206.4 |



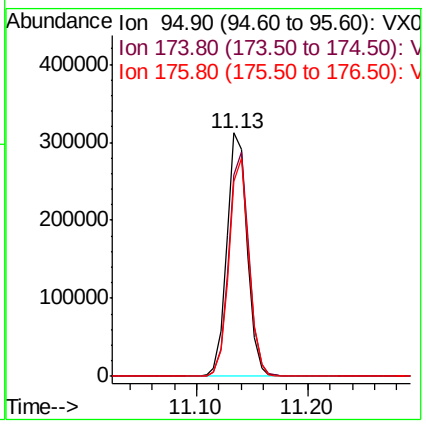


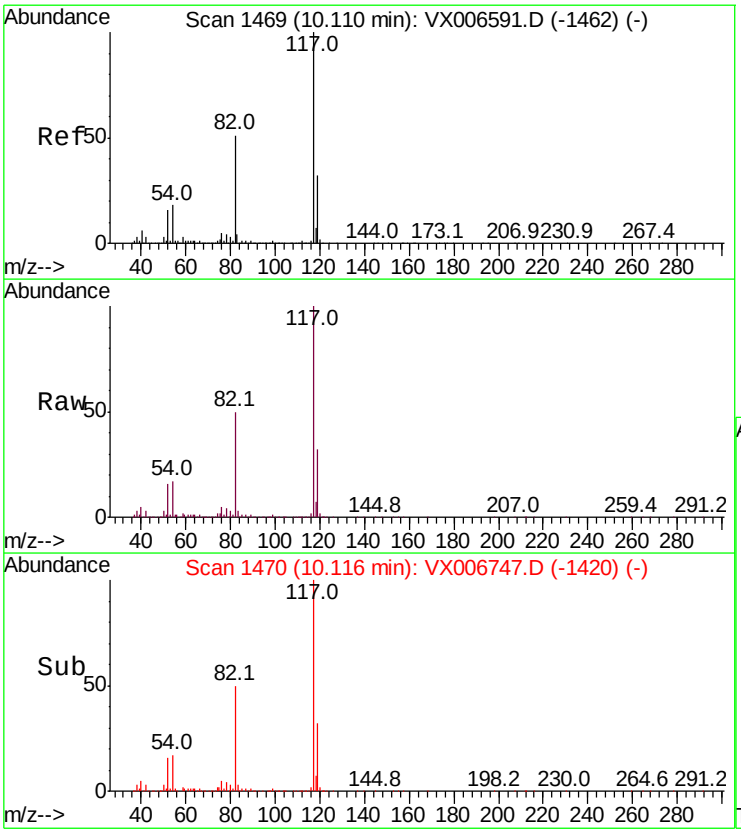

#62
4-Bromofluorobenzene
Concen: 45.029 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

**Instrument :**
MSVOA_X
**ClientSampleId :**
TR-05-122018

Tgt Ion: 95 Resp: 393362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 91.1 | 0.0 | 182.2 |
| 176 | 87.7 | 0.0 | 178.8 |

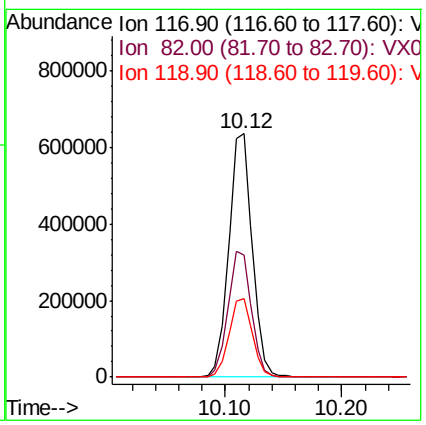


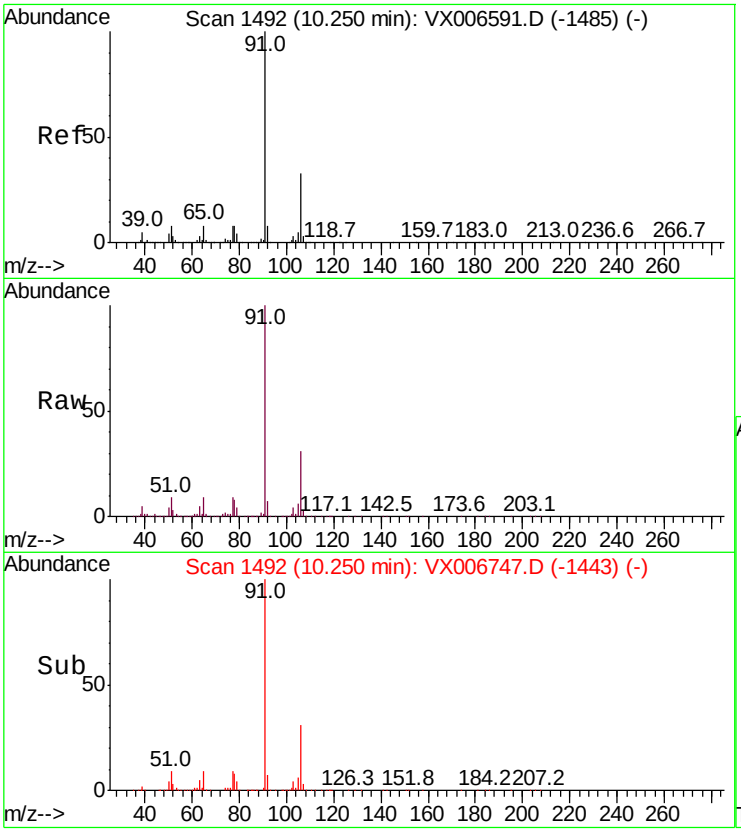




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

Tgt Ion:117 Resp: 891514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 49.9 | 41.0 | 61.6 |
| 119 | 32.2 | 25.4 | 38.0 |



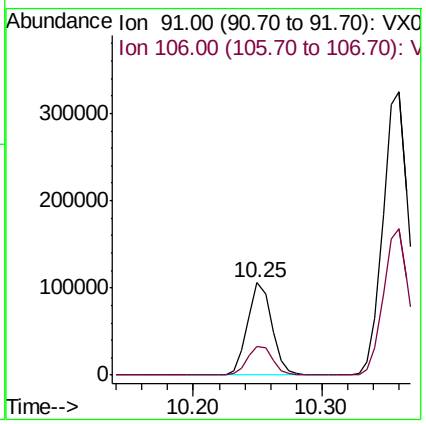


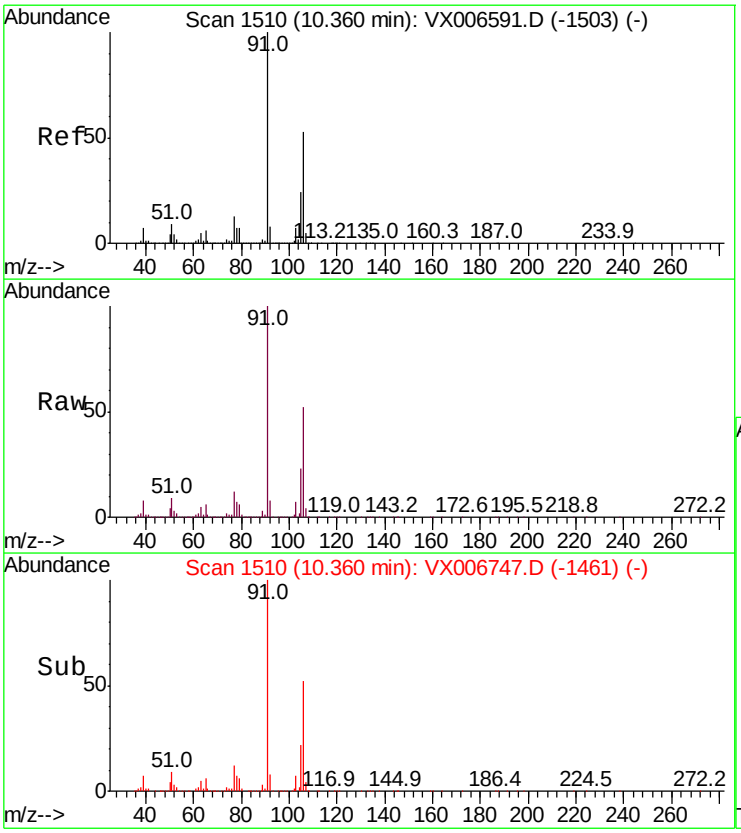

#67
Ethyl Benzene
Concen: 4.476 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

**Instrument :** MSVOA_X
**ClientSampleId :** TR-05-122018

Tgt Ion: 91 Resp: 137936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.0 | 26.4 | 39.6 |

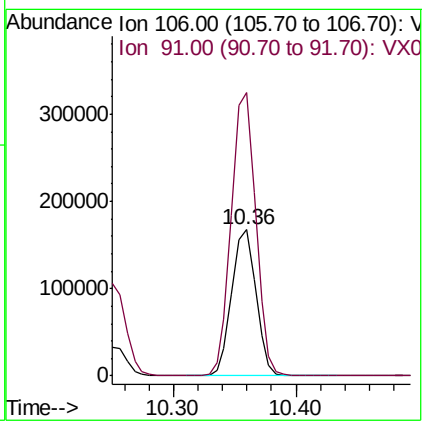


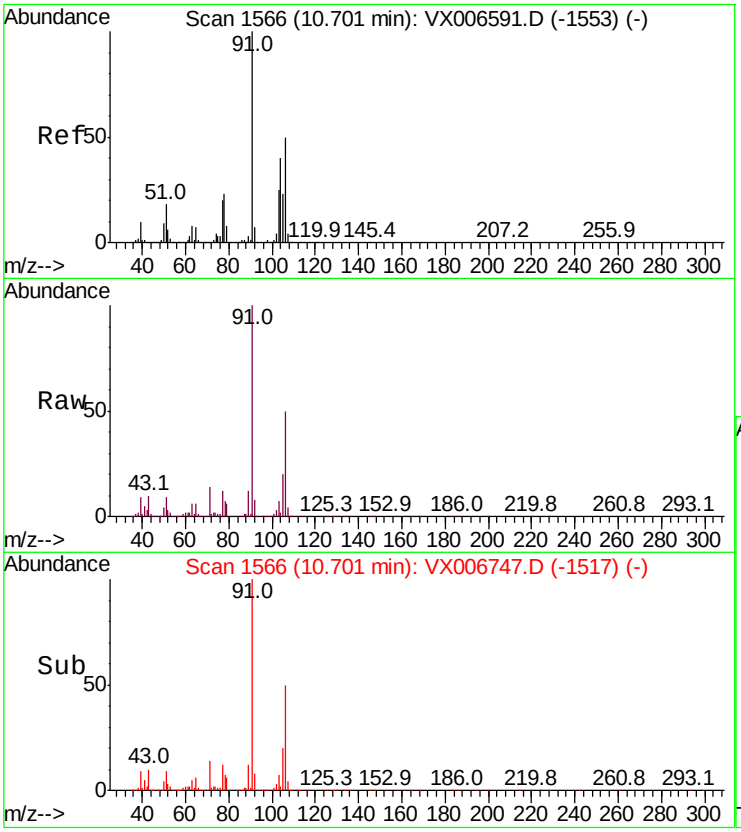




#68
m/p-Xylenes
Concen: 18.885 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

Tgt Ion:106 Resp: 229665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 195.7 | 155.8 | 233.6 |



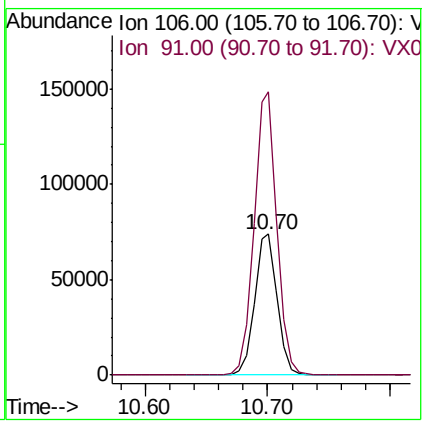


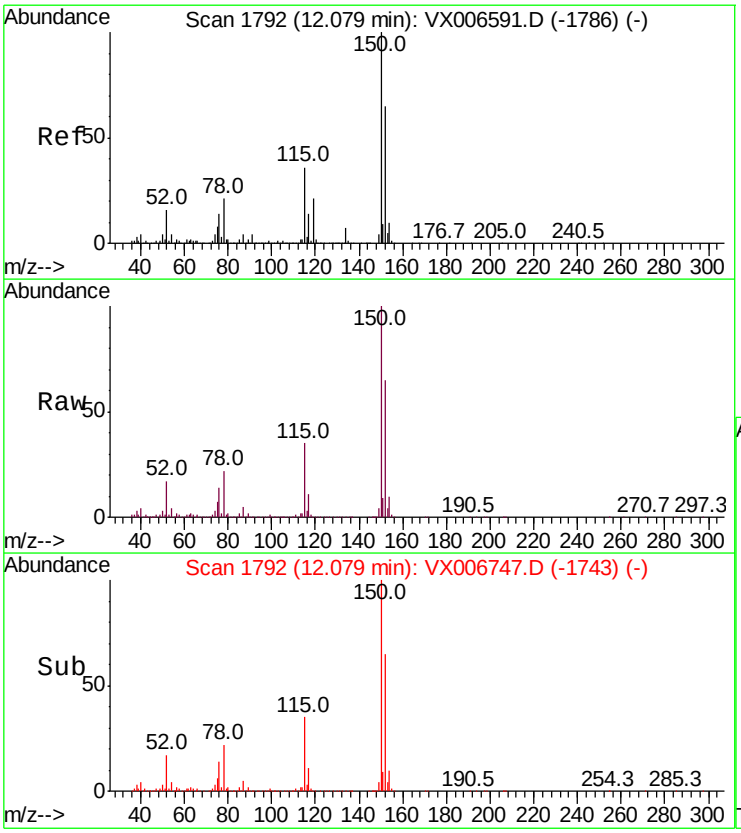

#69
o-Xylene
Concen: 7.924 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

**Instrument :**
MSVOA_X
**ClientSampleId :**
TR-05-122018

Tgt Ion:106 Resp: 95166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 202.9 | 101.3 | 303.7 |

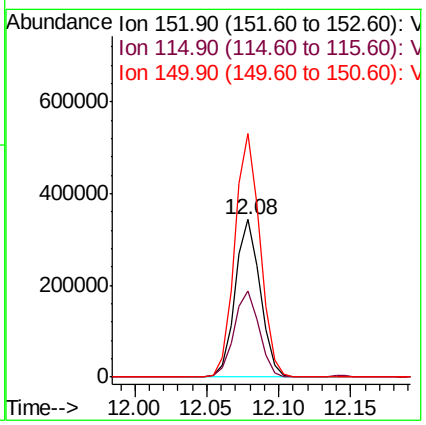


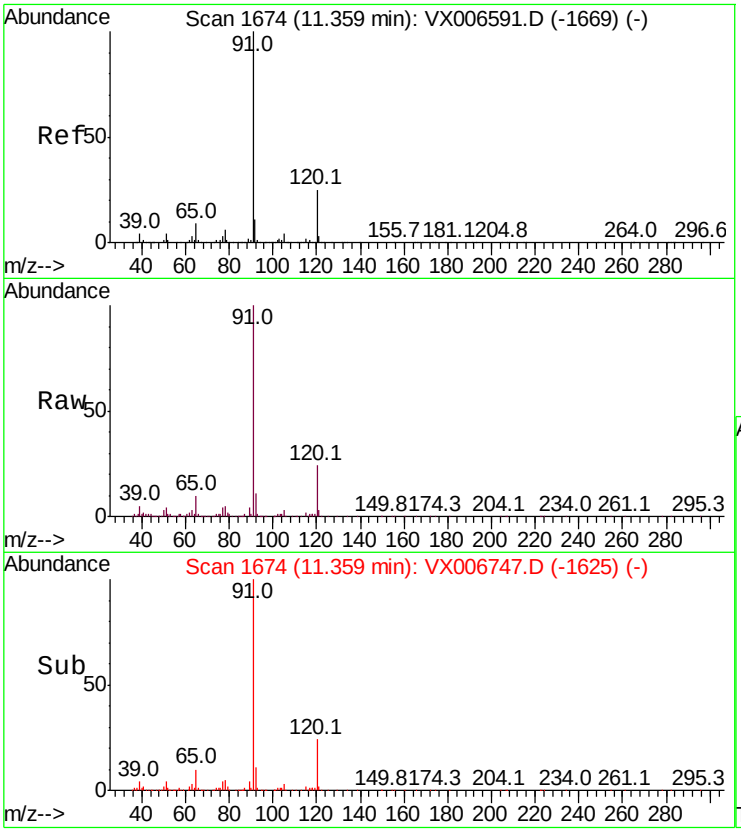




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

Tgt Ion:152 Resp: 415449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 55.1 | 39.1 | 117.2 |
| 150 | 155.6 | 0.0 | 344.8 |



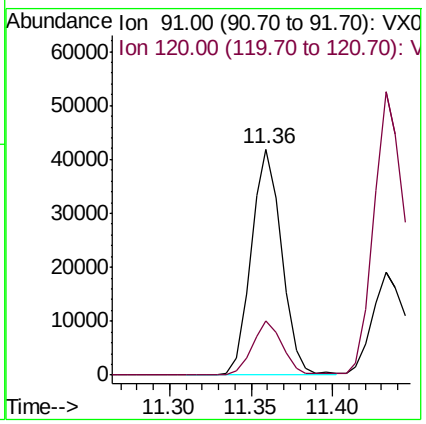


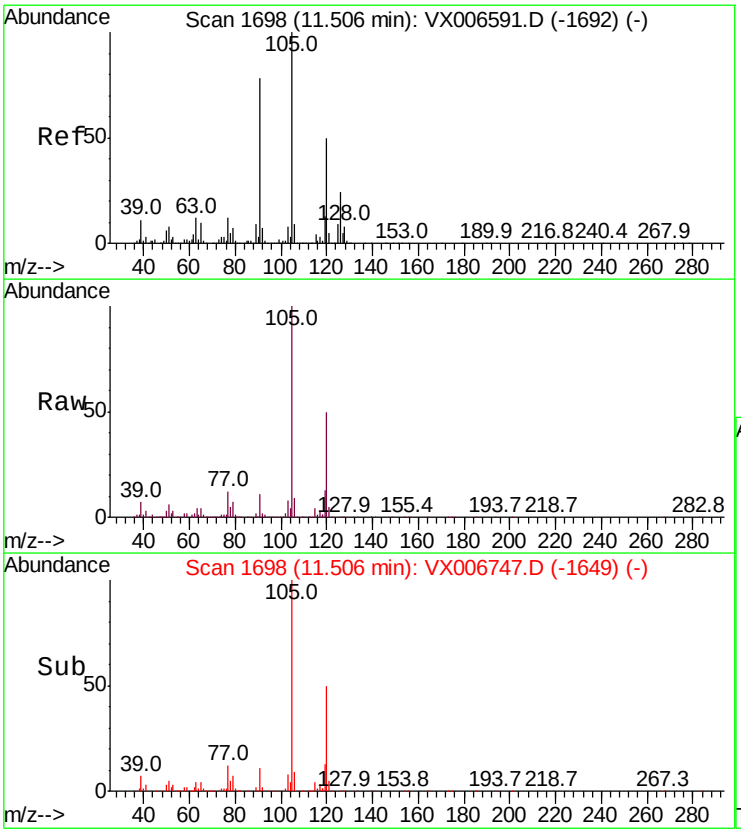

#78
n-propylbenzene
Concen: 1.745 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

**Instrument :**
MSVOA_X
**ClientSampleId :**
TR-05-122018

Tgt Ion: 91 Resp: 54608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.7 | 12.7 | 38.0 |

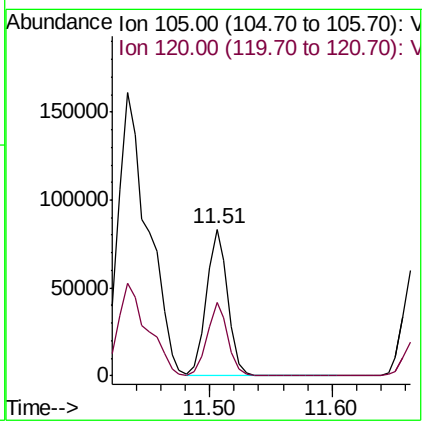


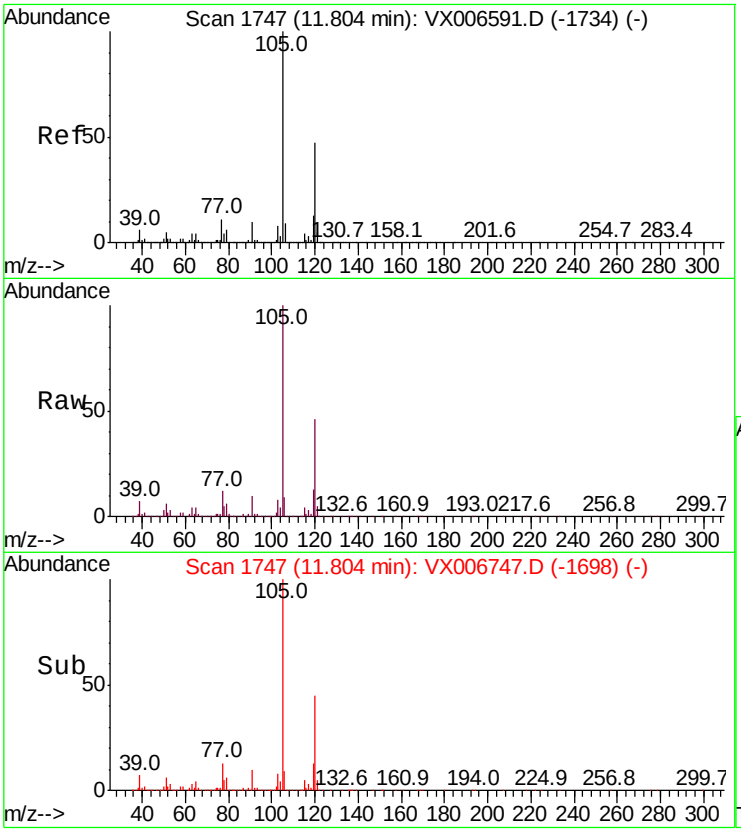




#80
1,3,5-Trimethylbenzene
Concen: 4.377 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

Tgt Ion:105 Resp: 102474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.0 | 25.1 | 75.3 |



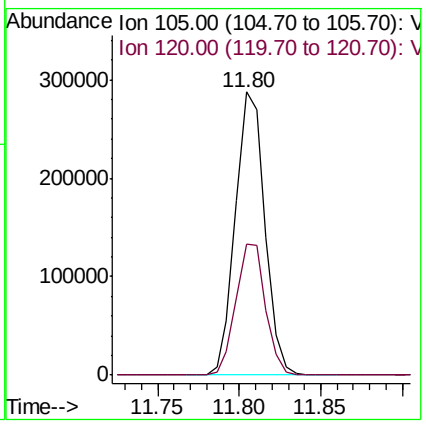


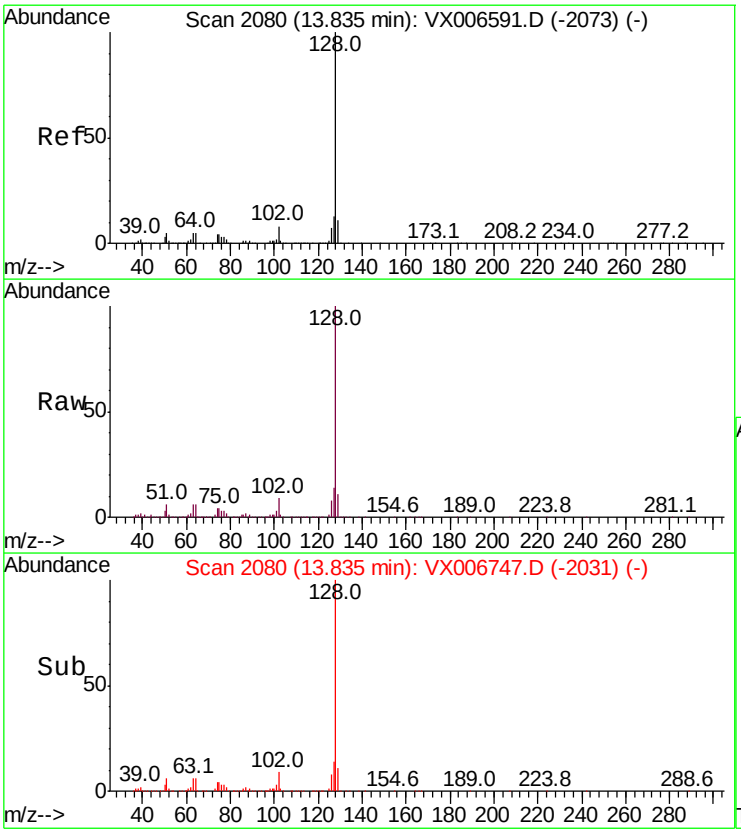

#84
1,2,4-Trimethylbenzene
Concen: 14.740 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

**Instrument :**
MSVOA_X
**ClientSampleId :**
TR-05-122018

Tgt Ion:105 Resp: 362938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.6 | 23.2 | 69.6 |




#95
Naphthalene
Concen: 3.850 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

Tgt Ion:128 Resp: 117423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.2 | 10.1 | 15.1 |
| 129 | 11.7 | 8.6 | 13.0 |