Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020719\
Data File : VW008562.D
Acq On : 07 Feb 2019 19:30
Operator : SY/VA
Sample : K1390-14
Misc : 5.79G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DUPE-X

Quant Time: Feb 08 23:49:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.95 | 168 | 494843 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.84 | 114 | 803257 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.63 | 117 | 664107 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 222000 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.30 | 65 | 283160 | 58.25 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 116.50% | | | |
| 35) Dibromofluoromethane | 7.88 | 113 | 253991 | 54.08 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 108.16% | | | |
| 50) Toluene-d8 | 10.32 | 98 | 931629 | 49.46 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.92% | | | |
| 62) 4-Bromofluorobenzene | 12.62 | 95 | 282625 | 39.04 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 78.08% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 4.12 | 43 | 25655 | 23.500 | ug/l | 92 |
| 18) Methyl Acetate | 4.67 | 43 | 29816 | 10.240 | ug/l | 97 |
| 20) Methylene Chloride | 4.90 | 84 | 17992 | 3.576 | ug/l # | 81 |

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

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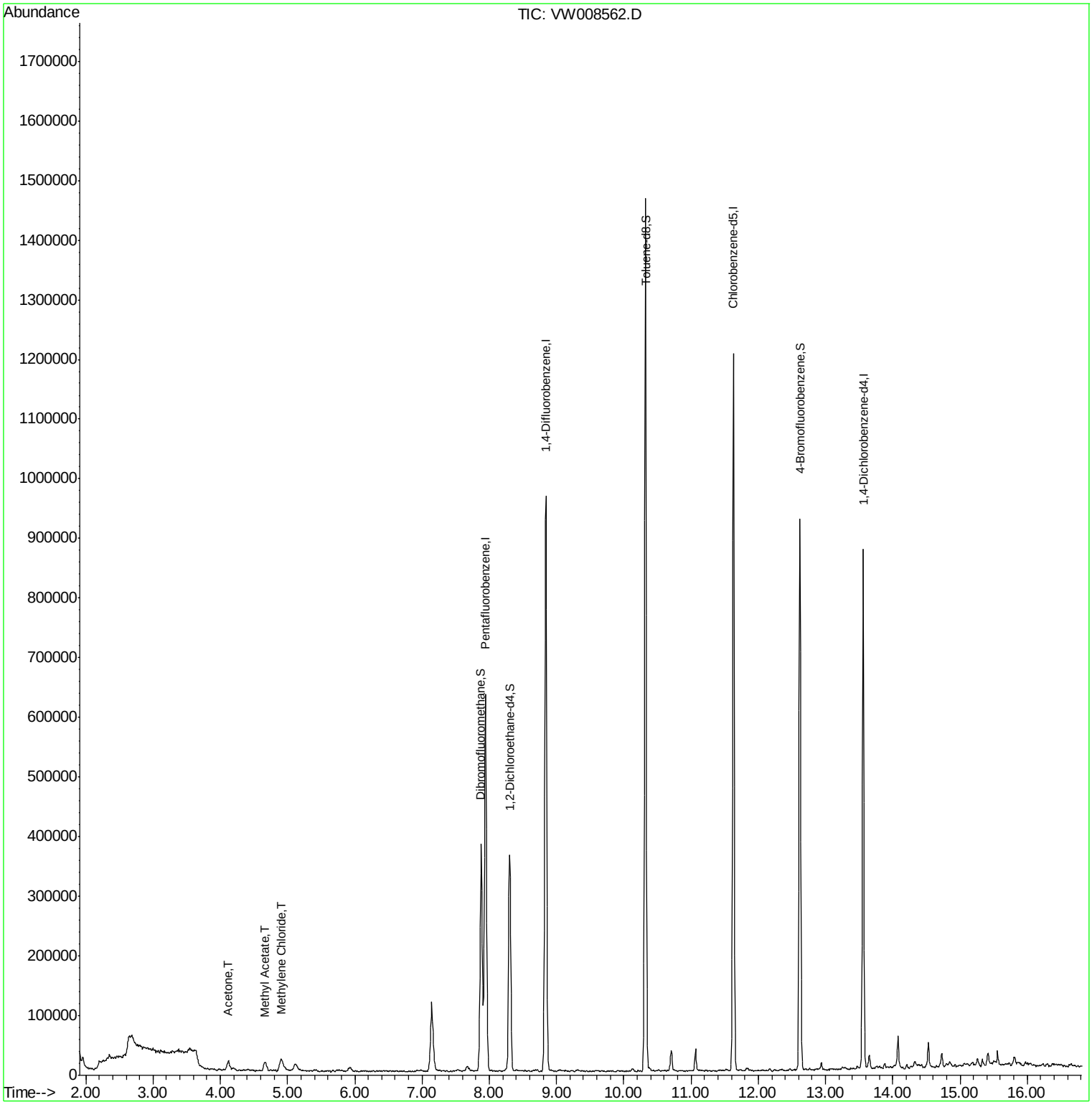
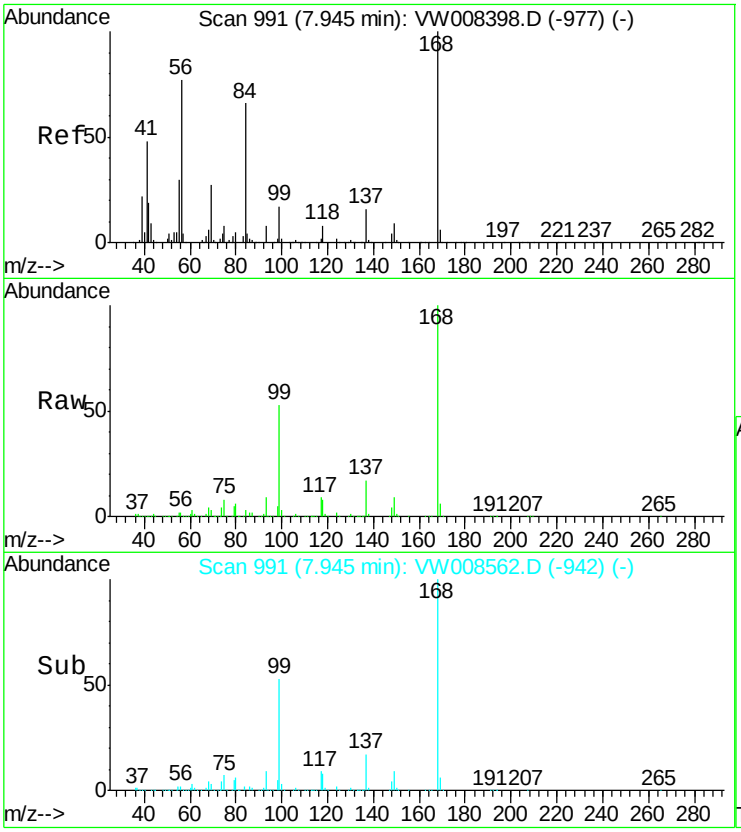


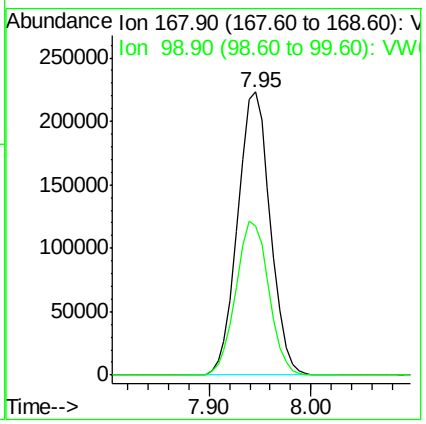


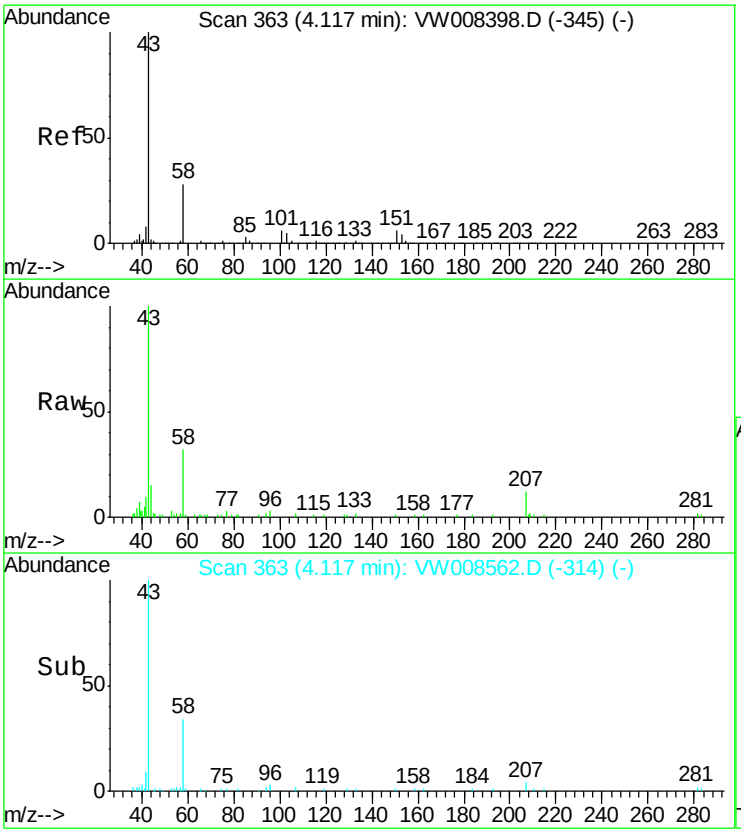

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW008562.D
Acq: 07 Feb 2019 19:30

**Instrument :**
MSVOA_W
**ClientSampleId :**
DUPE-X

Tgt Ion:168 Resp: 494843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 52.8 | 45.5 | 68.3 |

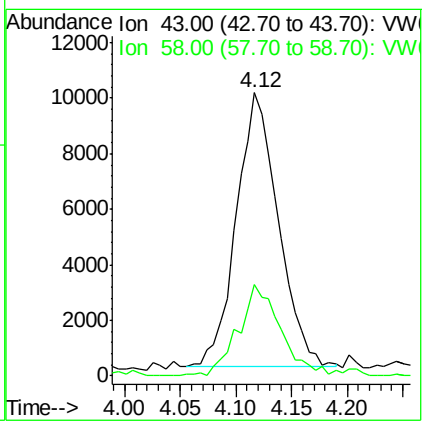


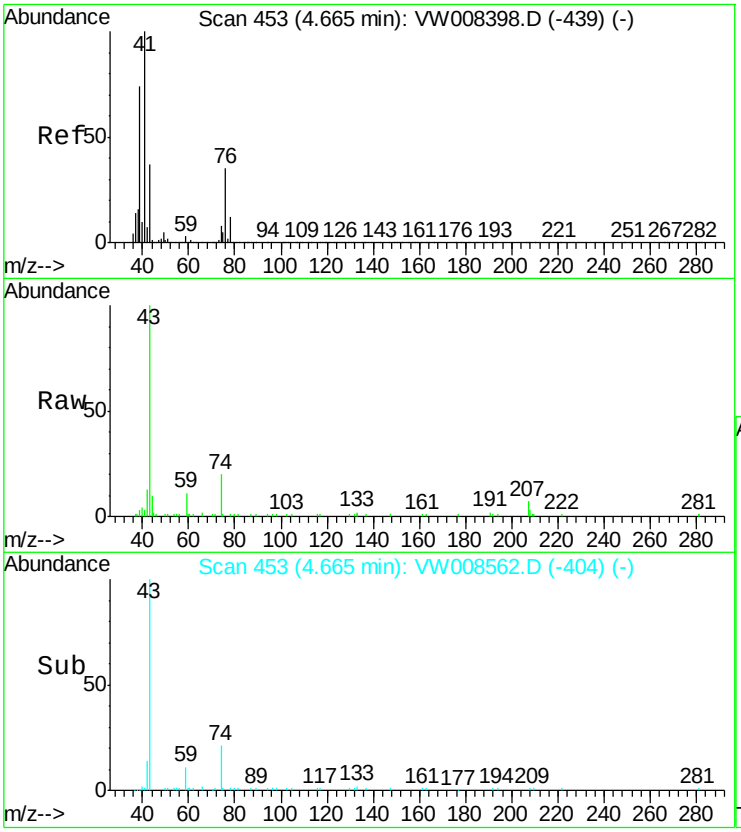




#16
Acetone
Concen: 23.500 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW008562.D
Acq: 07 Feb 2019 19:30

Tgt Ion: 43 Resp: 25655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.5 | 22.6 | 34.0 |



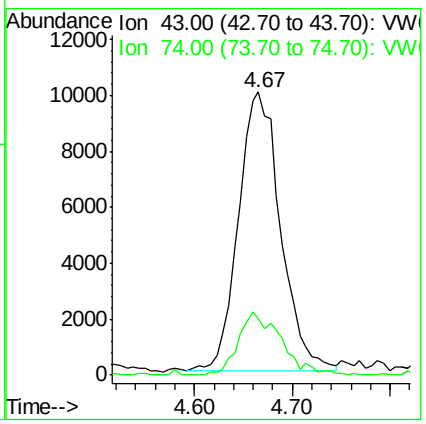


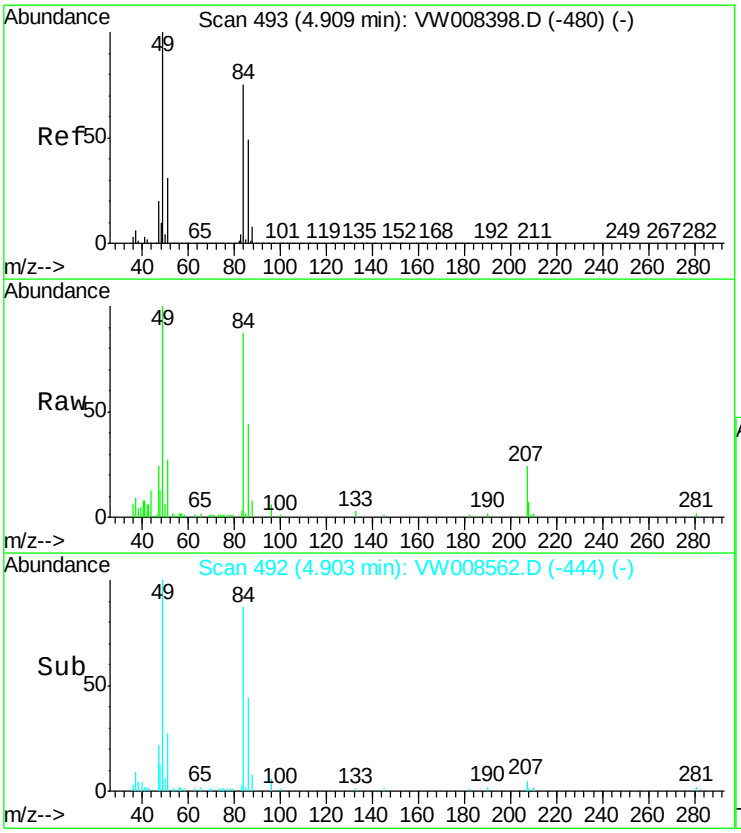

#18
Methyl Acetate
Concen: 10.240 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW008562.D
Acq: 07 Feb 2019 19:30

**Instrument :** MSVOA_W
**ClientSampleId :** DUPE-X

Tgt Ion: 43 Resp: 29816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 23.2 | 17.5 | 26.3 |

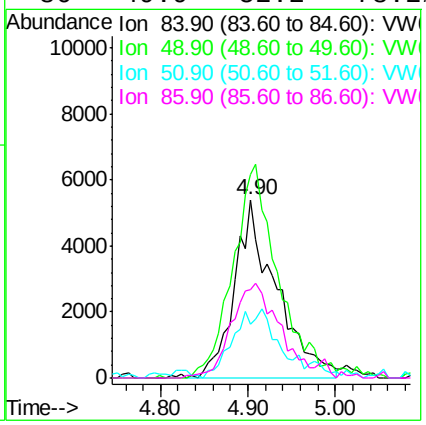


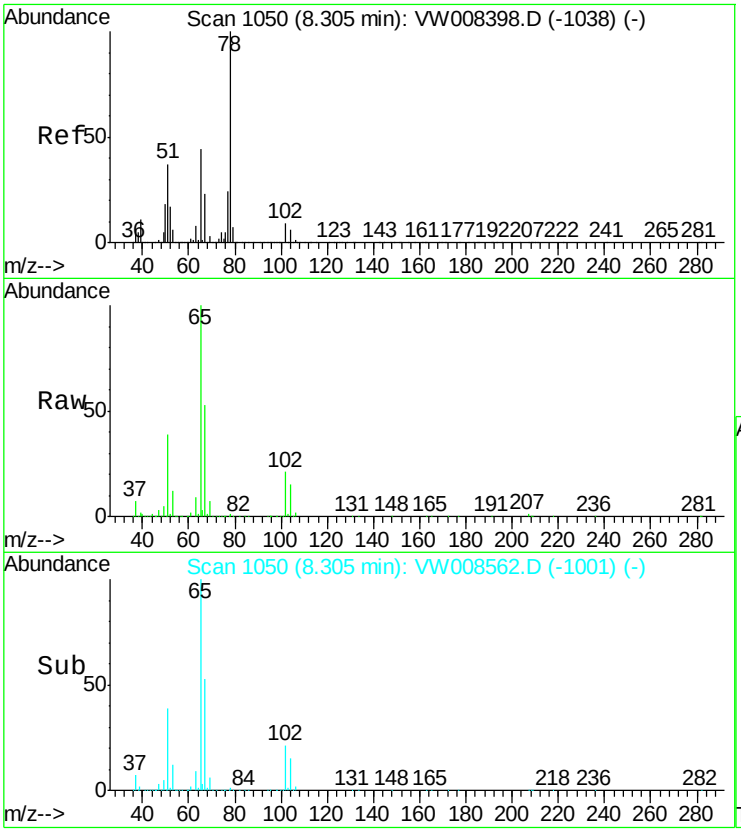




#20
Methylene Chloride
Concen: 3.576 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008562.D
Acq: 07 Feb 2019 19:30

Tgt Ion: 84 Resp: 17992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 112.4 | 106.8 | 160.2 |
| 51 | 26.8 | 32.9 | 49.3# |
| 86 | 49.9 | 52.2 | 78.2# |



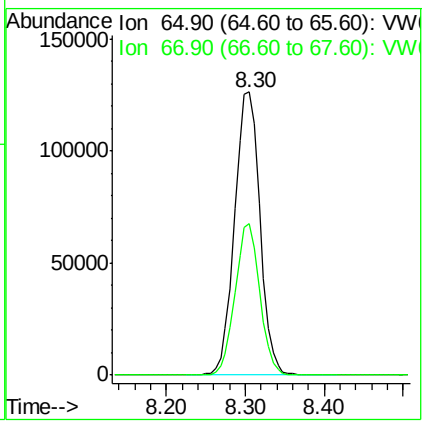


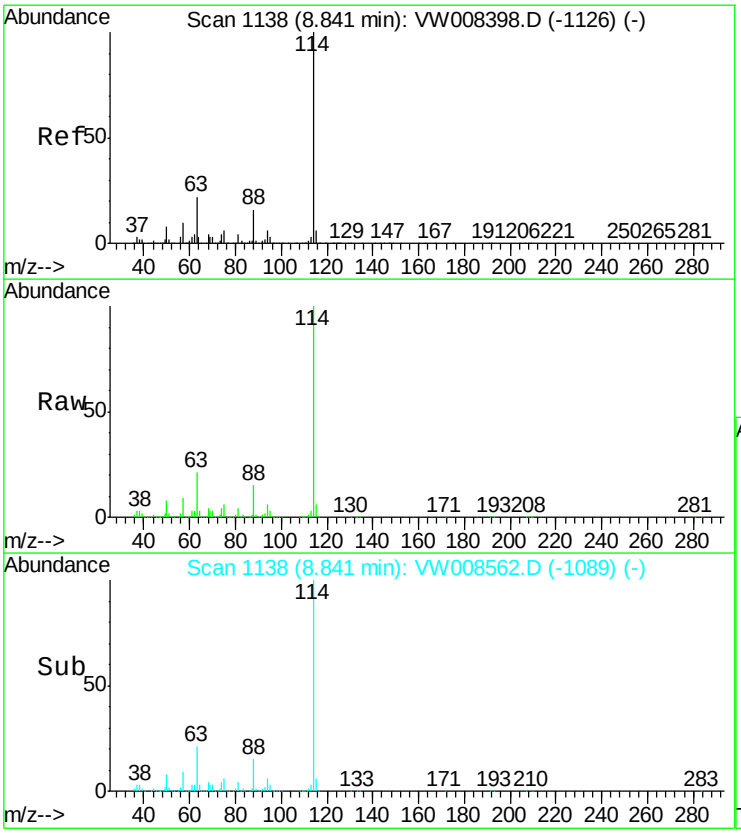

#33
1,2-Dichloroethane-d4
Concen: 58.247 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008562.D
Acq: 07 Feb 2019 19:30

**Instrument :**
MSVOA_W
**ClientSampleId :**
DUPE-X

Tgt Ion: 65 Resp: 283160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.0 | 0.0 | 104.0 |

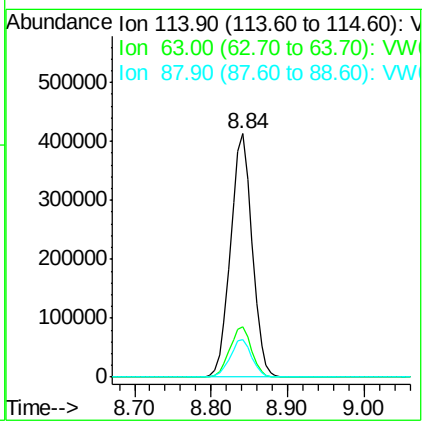


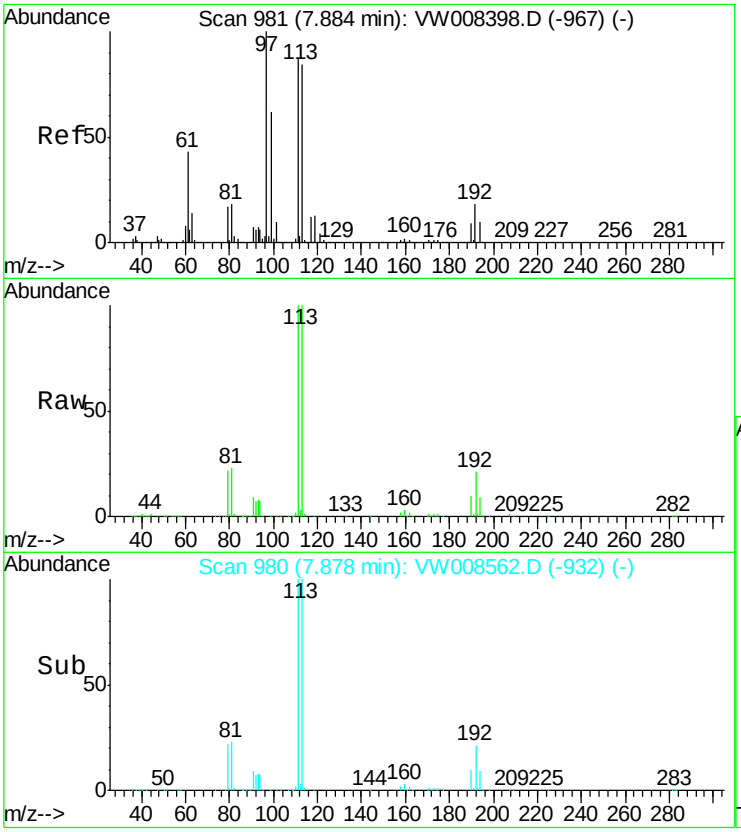




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW008562.D
Acq: 07 Feb 2019 19:30

Tgt Ion:114 Resp: 803257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.5 | 0.0 | 43.6 |
| 88 | 15.3 | 0.0 | 31.8 |



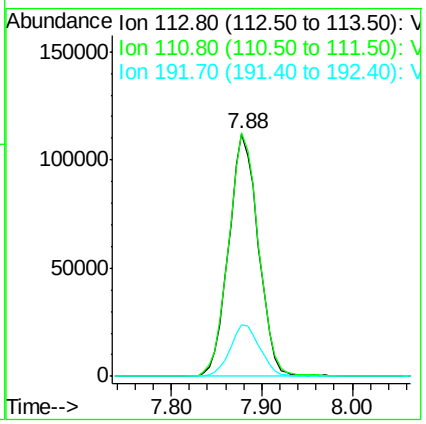


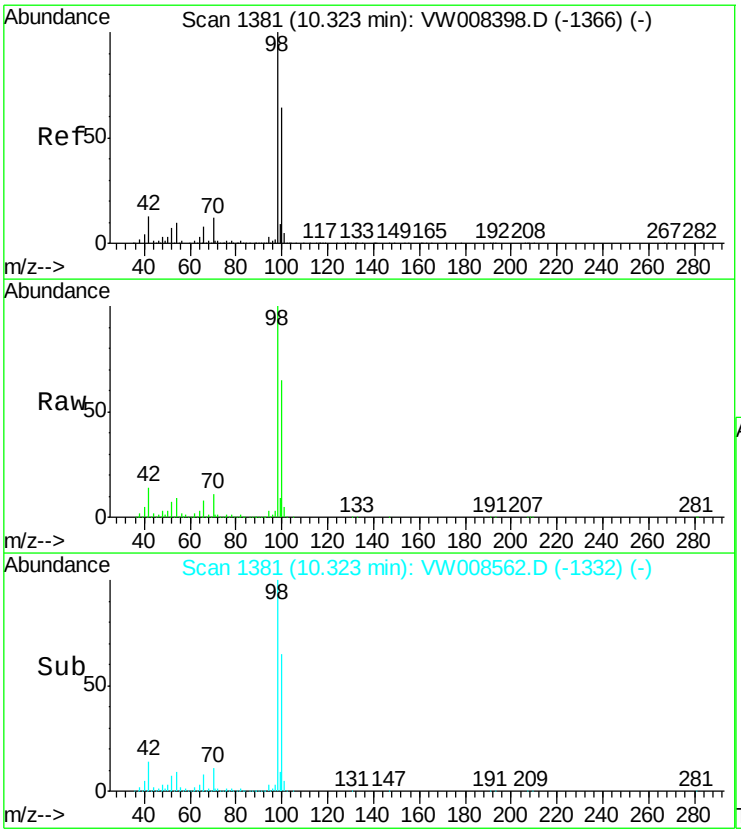

#35
Dibromofluoromethane
Concen: 54.076 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008562.D
Acq: 07 Feb 2019 19:30

**Instrument :**
MSVOA_W
**ClientSampleId :**
DUPE-X

Tgt Ion:113 Resp: 253991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.4 | 81.0 | 121.4 |
| 192 | 21.3 | 16.8 | 25.2 |

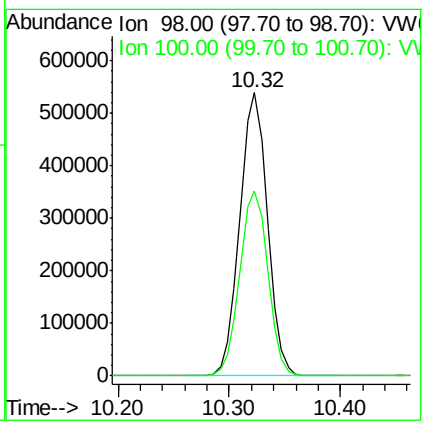


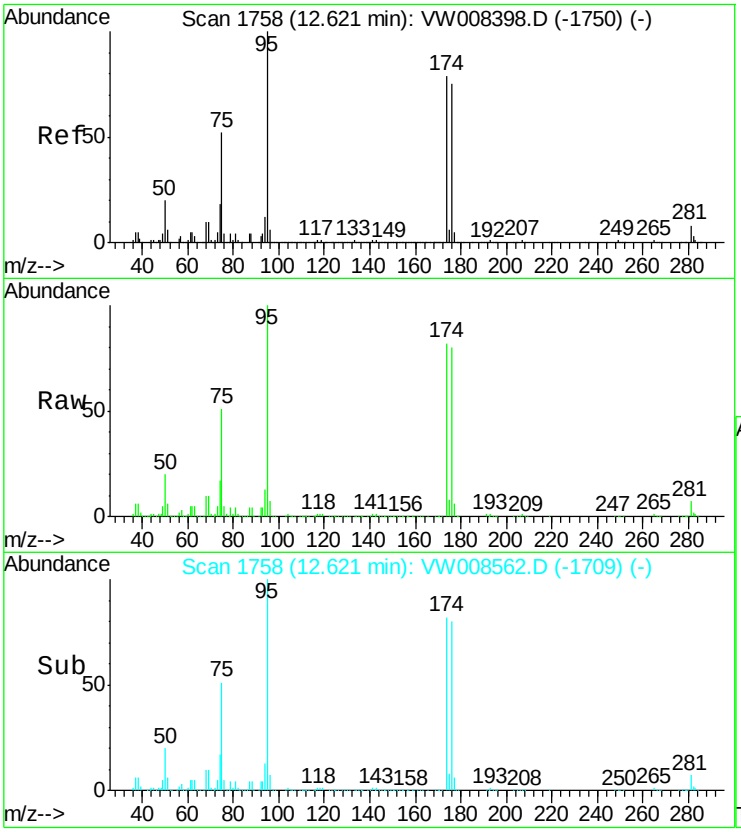




#50
Toluene-d8
Concen: 49.463 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008562.D
Acq: 07 Feb 2019 19:30

Tgt Ion: 98 Resp: 931629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.3 | 52.6 | 78.8 |



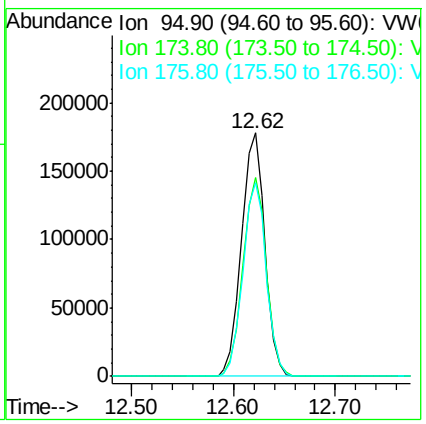


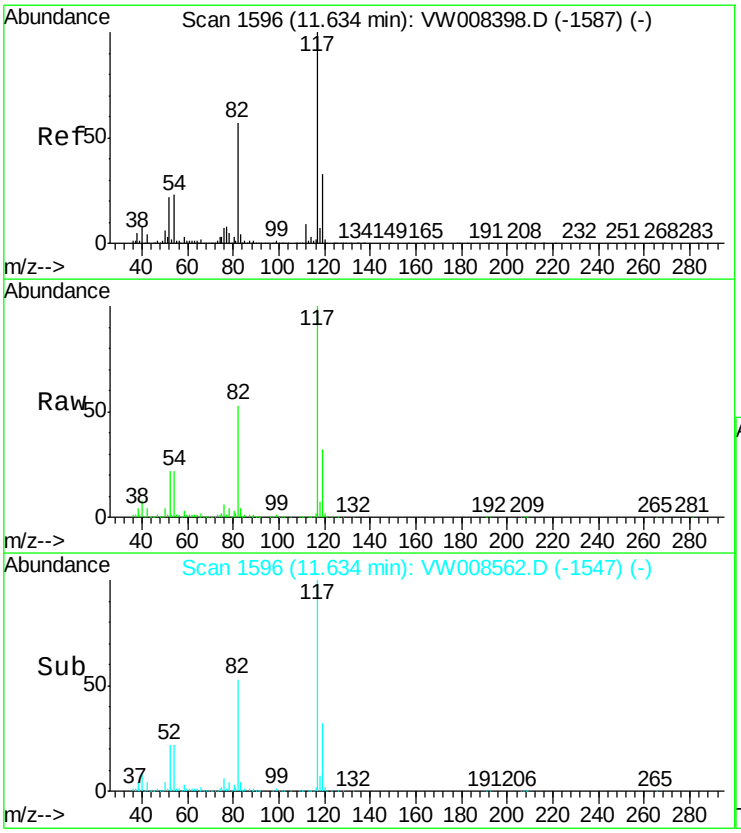

#62
4-Bromofluorobenzene
Concen: 39.038 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008562.D
Acq: 07 Feb 2019 19:30

**Instrument :**
MSVOA_W
**ClientSampleId :**
DUPE-X

Tgt Ion: 95 Resp: 282625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 82.0 | 0.0 | 157.6 |
| 176 | 79.6 | 0.0 | 151.8 |

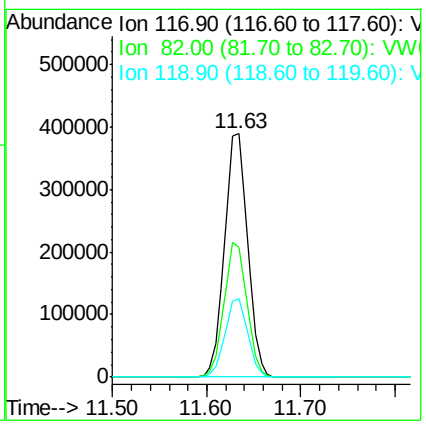


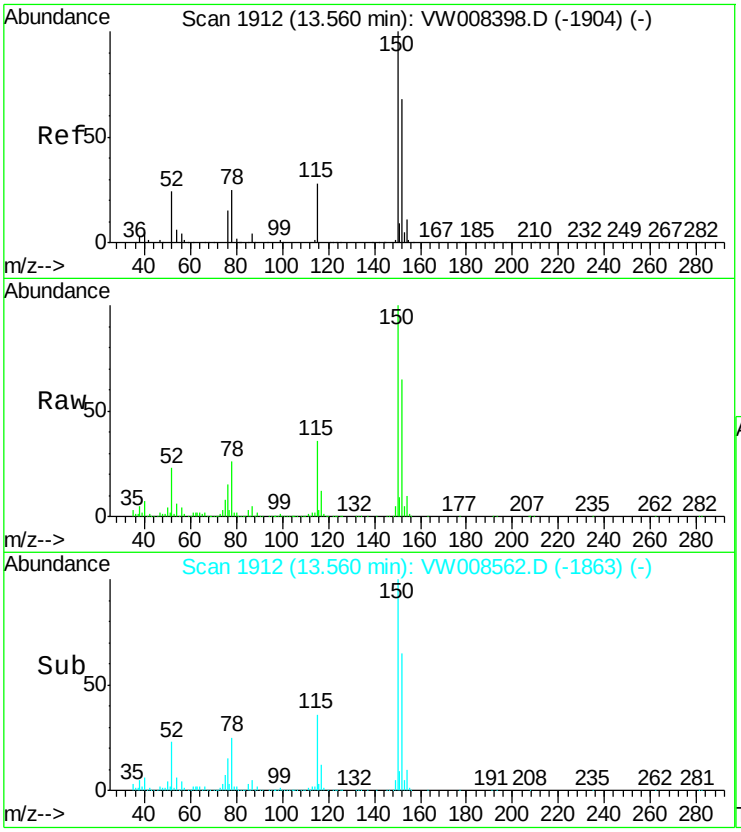




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008562.D
Acq: 07 Feb 2019 19:30

Tgt Ion:117 Resp: 664107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.4 | 45.4 | 68.0 |
| 119 | 32.1 | 26.2 | 39.4 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008562.D
Acq: 07 Feb 2019 19:30

**Instrument :**
MSVOA_W
**ClientSampleId :**
DUPE-X

Tgt Ion:152 Resp: 222000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 57.9 | 29.9 | 89.7 |
| 150 | 155.6 | 0.0 | 351.4 |