Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091720\
Data File : VD066750.D
Acq On : 17 Sep 2020 17:50
Operator : VA/SY
Sample : L4051-01
Misc : 5.97G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** KTS-SB-02-1-2

Quant Time: Sep 18 02:12:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.98 | 168 | 180821 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.86 | 114 | 311625 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.64 | 117 | 259181 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152 | 65395 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.33 | 65 | 124990 | 64.79 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 129.58% | | | |
| 35) Dibromofluoromethane | 7.91 | 113 | 115662 | 60.54 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 121.08% | | | |
| 50) Toluene-d8 | 10.34 | 98 | 371983 | 54.65 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 109.30% | | | |
| 62) 4-Bromofluorobenzene | 12.63 | 95 | 82484 | 35.10 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 70.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 4.16 | 43 | 21611 | 55.008 | ug/l | 98 |
| 25) 2-Butanone | 7.21 | 43 | 3690 | 7.213 | ug/l | 97 |
| 95) Naphthalene | 15.40 | 128 | 4074 | 2.084 | ug/l # | 94 |

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

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MSVOA_D
**ClientSampleId :**
KTS-SB-02-1-2

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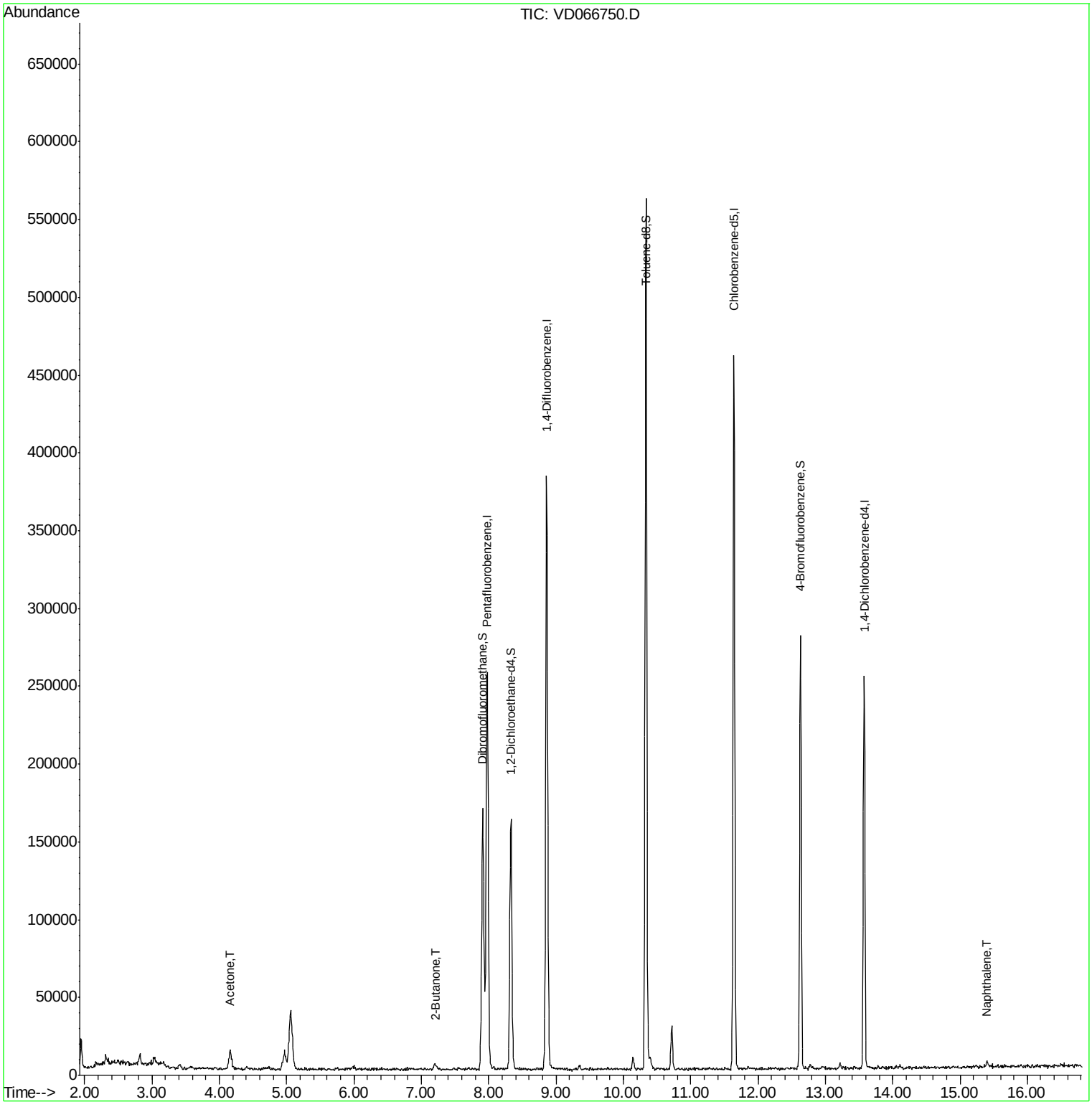
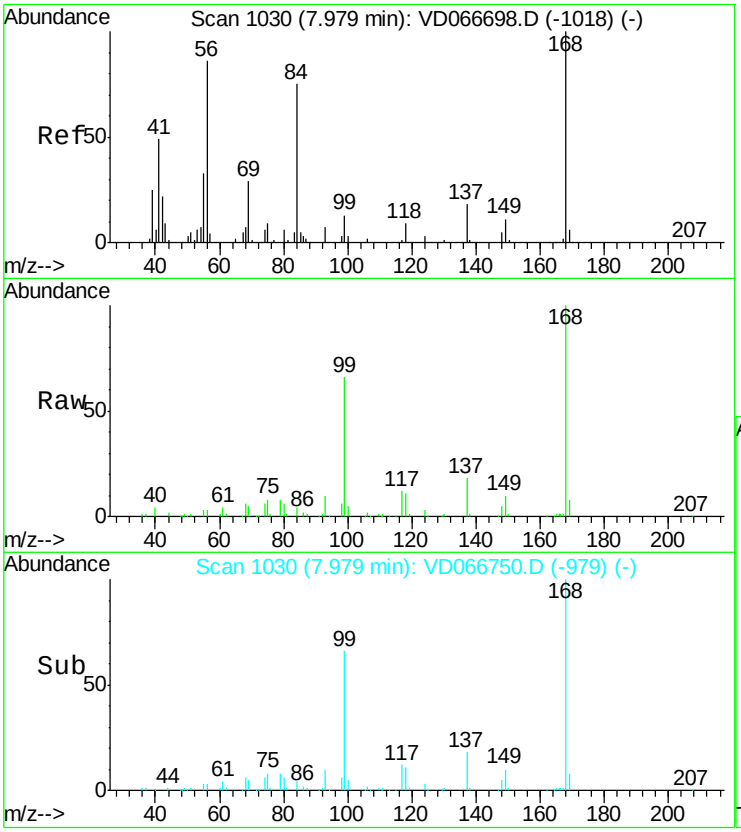


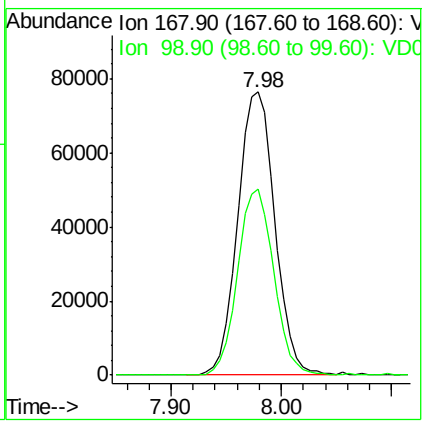


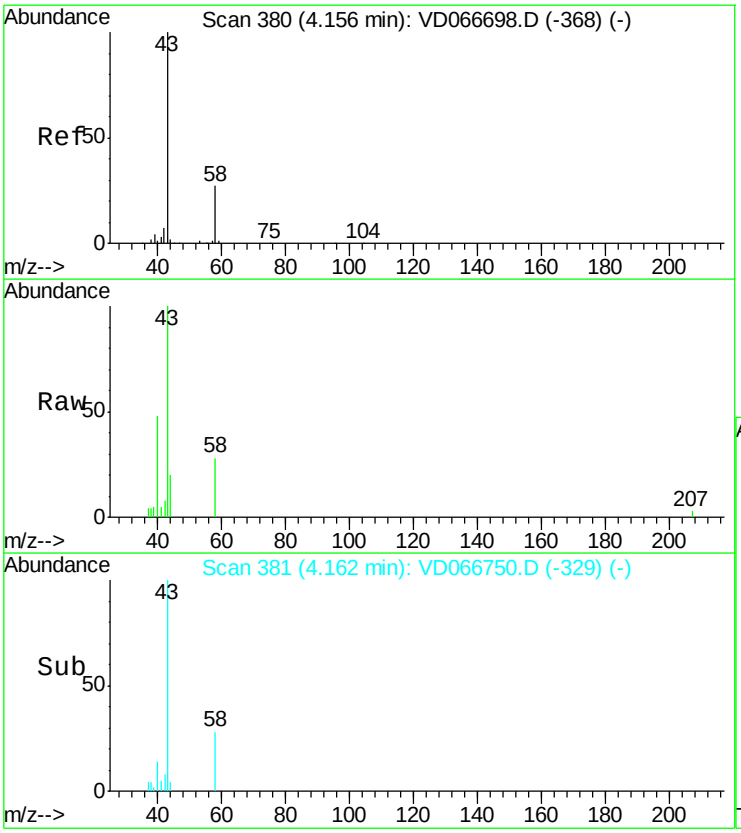

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066750.D
Acq: 17 Sep 2020 17:50

**Instrument :**
MSVOA_D
**ClientSampleId :**
KTS-SB-02-1-2

Tgt Ion:168 Resp: 180821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 65.7 | 54.4 | 81.6 |

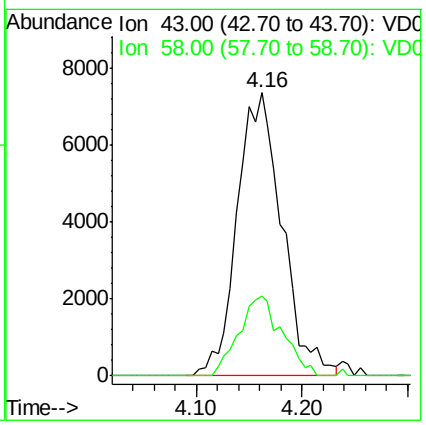


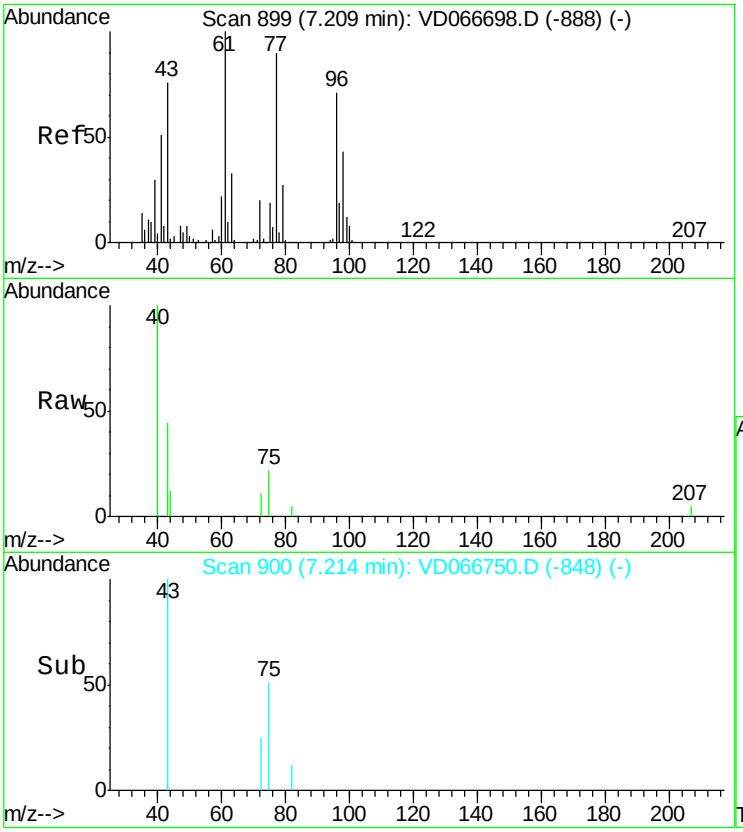




#16
Acetone
Concen: 55.008 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD066750.D
Acq: 17 Sep 2020 17:50

Tgt Ion: 43 Resp: 21611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.2 | 21.9 | 32.9 |



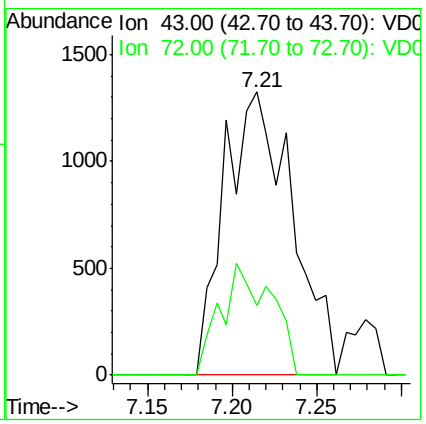


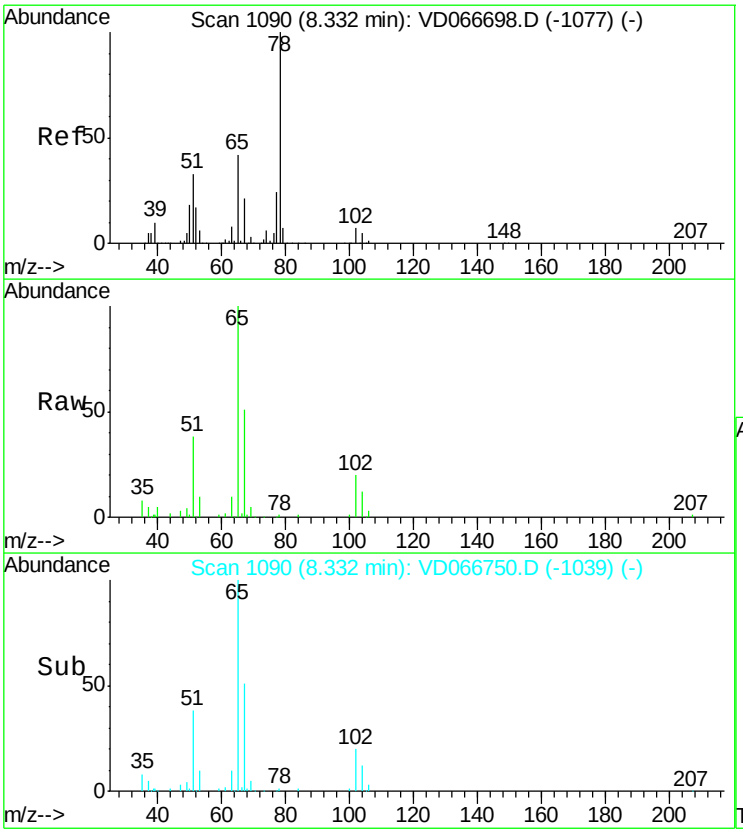

#25
2-Butanone
Concen: 7.213 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066750.D
Acq: 17 Sep 2020 17:50

**Instrument :**
MSVOA_D
**ClientSampleId :**
KTS-SB-02-1-2

Tgt Ion: 43 Resp: 3690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 24.5 | 21.0 | 31.4 |

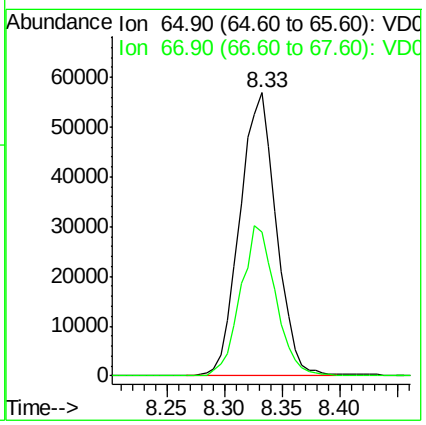


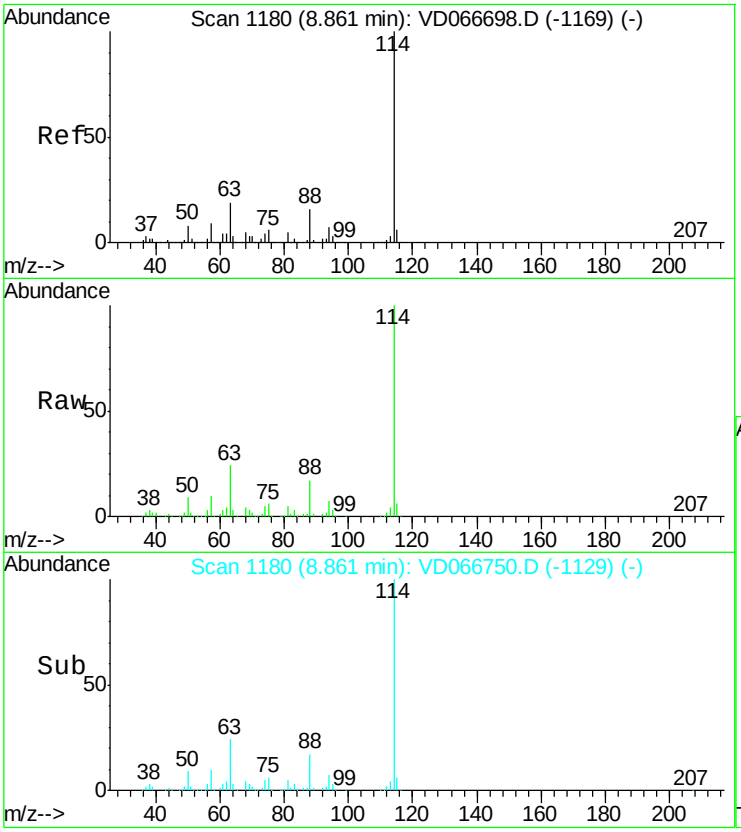




#33
1,2-Dichloroethane-d4
Concen: 64.787 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD066750.D
Acq: 17 Sep 2020 17:50

Tgt Ion: 65 Resp: 124990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.2 | 0.0 | 102.2 |



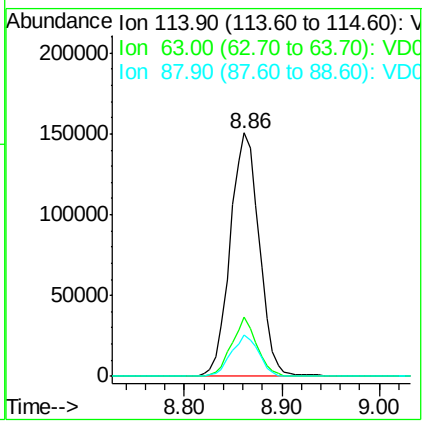


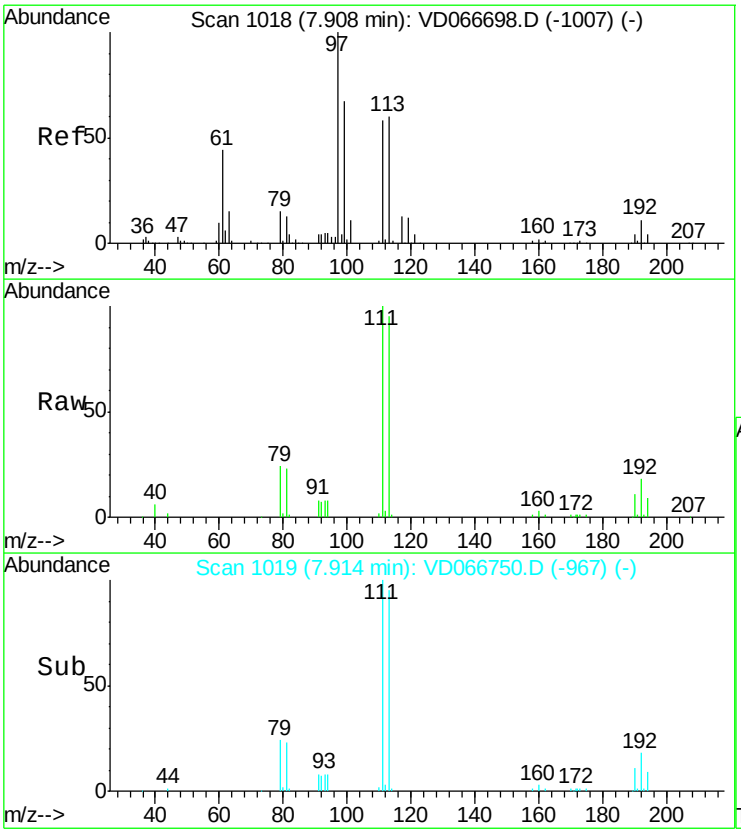

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VD066750.D
Acq: 17 Sep 2020 17:50

**Instrument :**
MSVOA_D
**ClientSampleId :**
KTS-SB-02-1-2

Tgt Ion:114 Resp: 311625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 24.3 | 0.0 | 37.6 |
| 88 | 17.3 | 0.0 | 32.2 |

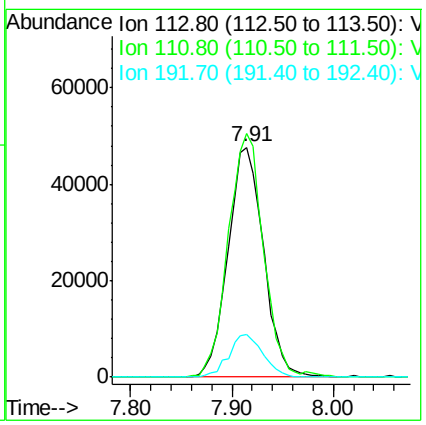


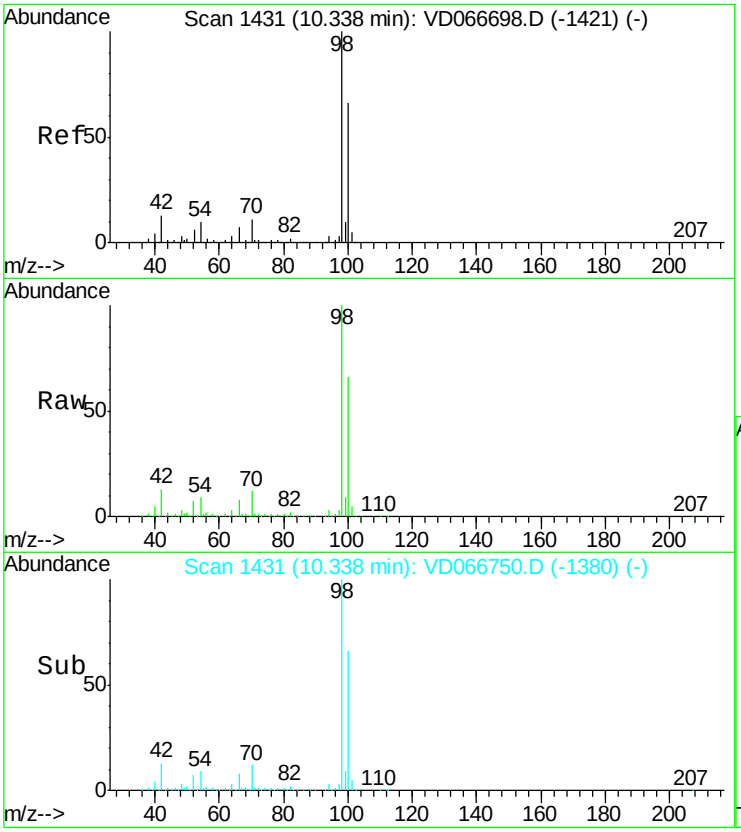




#35
Dibromofluoromethane
Concen: 60.538 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066750.D
Acq: 17 Sep 2020 17:50

Tgt Ion:113 Resp: 115662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.1 | 83.2 | 124.8 |
| 192 | 17.9 | 14.8 | 22.2 |



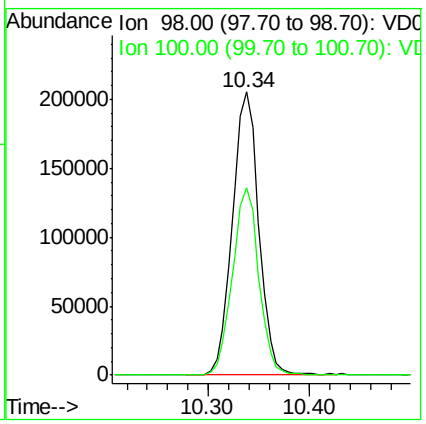


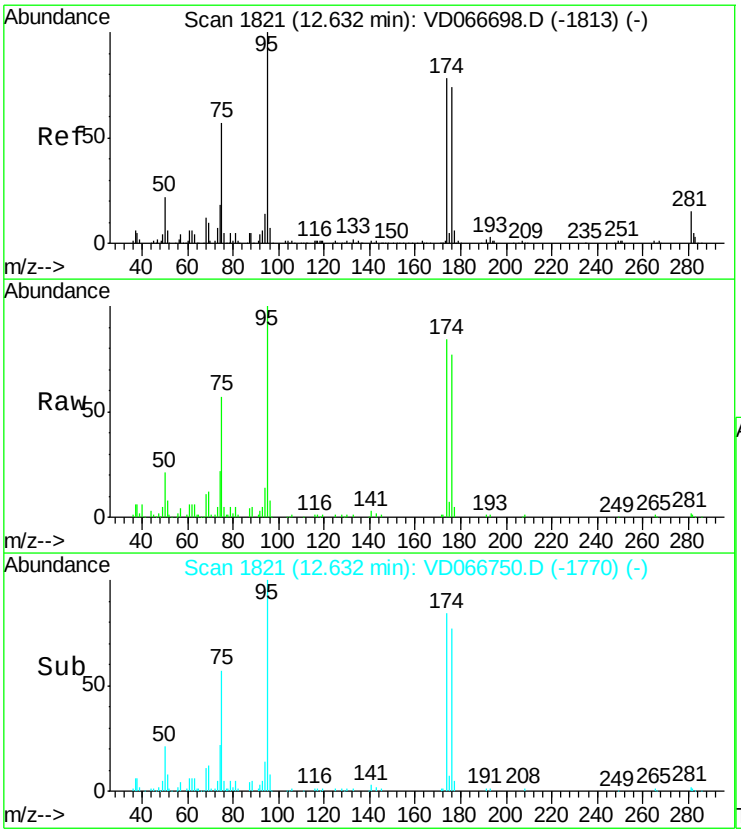

#50
Toluene-d8
Concen: 54.648 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066750.D
Acq: 17 Sep 2020 17:50

**Instrument :** MSVOA_D
**ClientSampleId :** KTS-SB-02-1-2

Tgt Ion: 98 Resp: 371983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.1 | 52.7 | 79.1 |

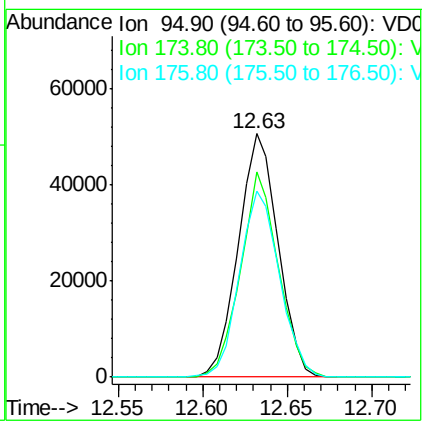


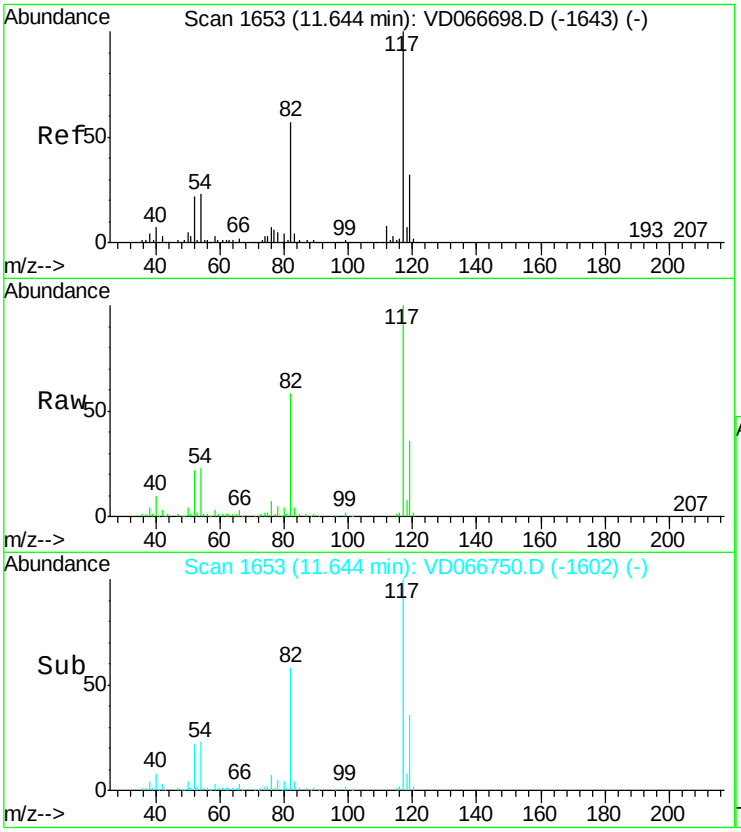




#62
4-Bromofluorobenzene
Concen: 35.105 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066750.D
Acq: 17 Sep 2020 17:50

Tgt Ion: 95 Resp: 82484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 80.6 | 0.0 | 156.6 |
| 176 | 77.4 | 0.0 | 150.2 |



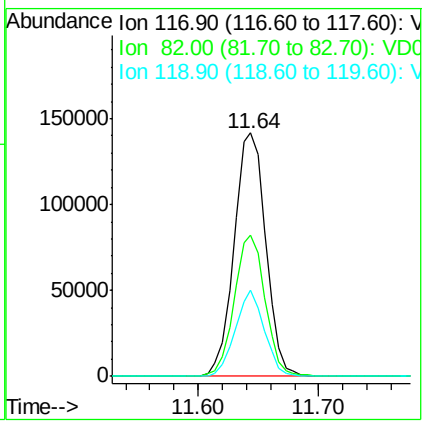


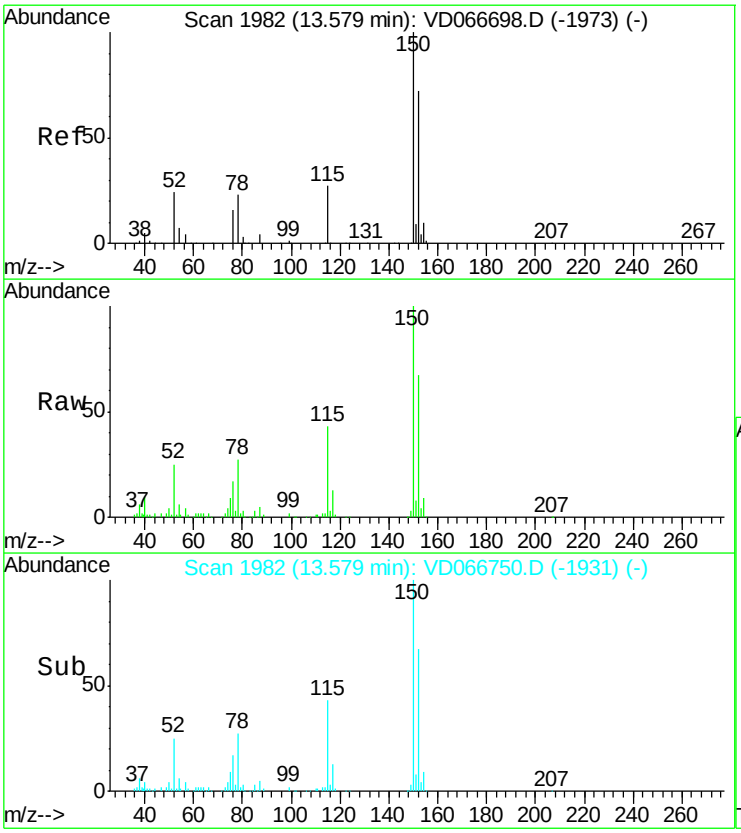

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066750.D
Acq: 17 Sep 2020 17:50

**Instrument :**
MSVOA_D
**ClientSampleId :**
KTS-SB-02-1-2

Tgt Ion:117 Resp: 259181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.9 | 45.4 | 68.0 |
| 119 | 35.5 | 25.8 | 38.6 |

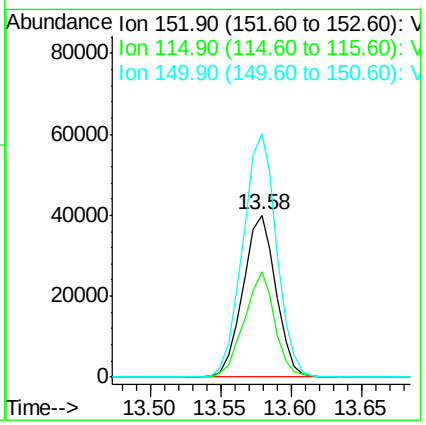


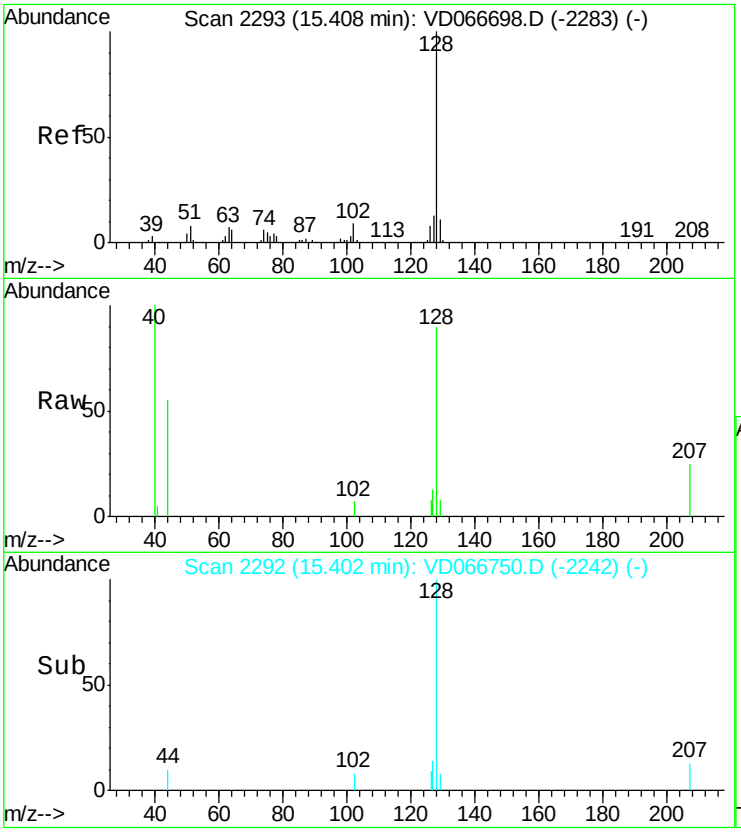




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066750.D
Acq: 17 Sep 2020 17:50

Tgt Ion:152 Resp: 65395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.5 | 30.5 | 91.5 |
| 150 | 154.2 | 0.0 | 344.6 |






#95
Naphthalene
Concen: 2.084 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066750.D
Acq: 17 Sep 2020 17:50

**Instrument :**
MSVOA_D
**ClientSampleId :**
KTS-SB-02-1-2

Tgt Ion:128 Resp: 4074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.5 | 10.5 | 15.7 |
| 129 | 5.9 | 8.6 | 12.8# |