Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121718\
Data File : VD060600.D
Acq On : 17 Dec 2018 15:34
Operator : VA/AP
Sample : J6397-05
Misc : 4.37g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** SODUP01_121218

Quant Time: Dec 18 13:17:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 6.42 | 168 | 1418238 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 7.46 | 114 | 2009705 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.29 | 117 | 1627444 | 50.00 | ug/l | 0.01 |
| 72) 1,4-Dichlorobenzene-d4 | 13.38 | 152 | 833515 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.81 | 65 | 509050 | 50.64 | ug/l | 0.01 |
| Spiked Amount 50.000 | | | Recovery = 101.28% | | | |
| 35) Dibromofluoromethane | 6.34 | 113 | 692183 | 46.89 | ug/l | 0.01 |
| Spiked Amount 50.000 | | | Recovery = 93.78% | | | |
| 50) Toluene-d8 | 9.47 | 98 | 1958809 | 45.86 | ug/l | 0.01 |
| Spiked Amount 50.000 | | | Recovery = 91.72% | | | |
| 62) 4-Bromofluorobenzene | 12.44 | 95 | 714337 | 46.73 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 93.46% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 3.18 | 43 | 17356 | 10.771 | ug/l | 98 |
| 20) Methylene Chloride | 3.74 | 84 | 99042 | 2.440 | ug/l | 98 |
| 52) Toluene | 9.56 | 92 | 134176 | 4.276 | ug/l | 98 |

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

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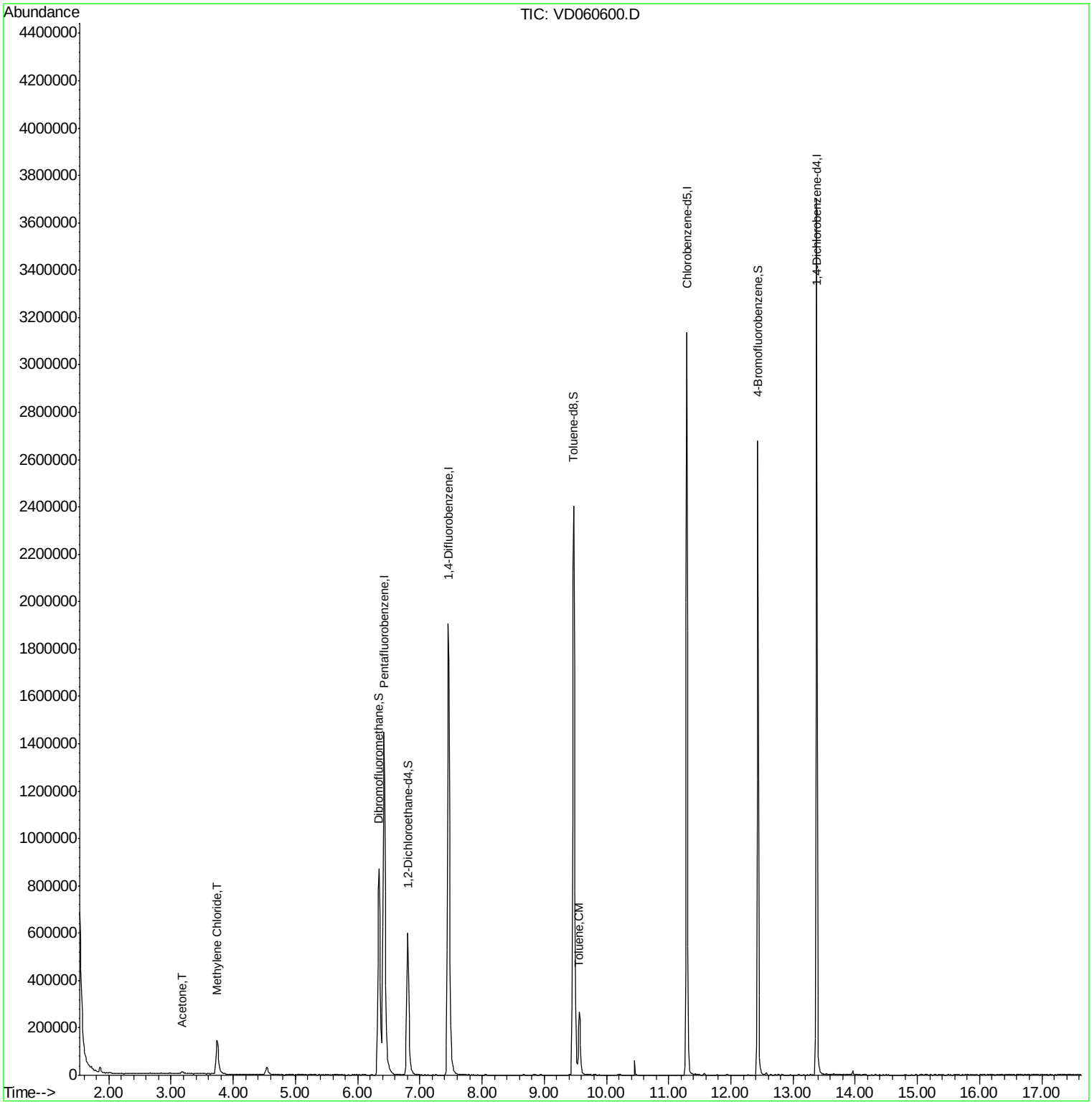
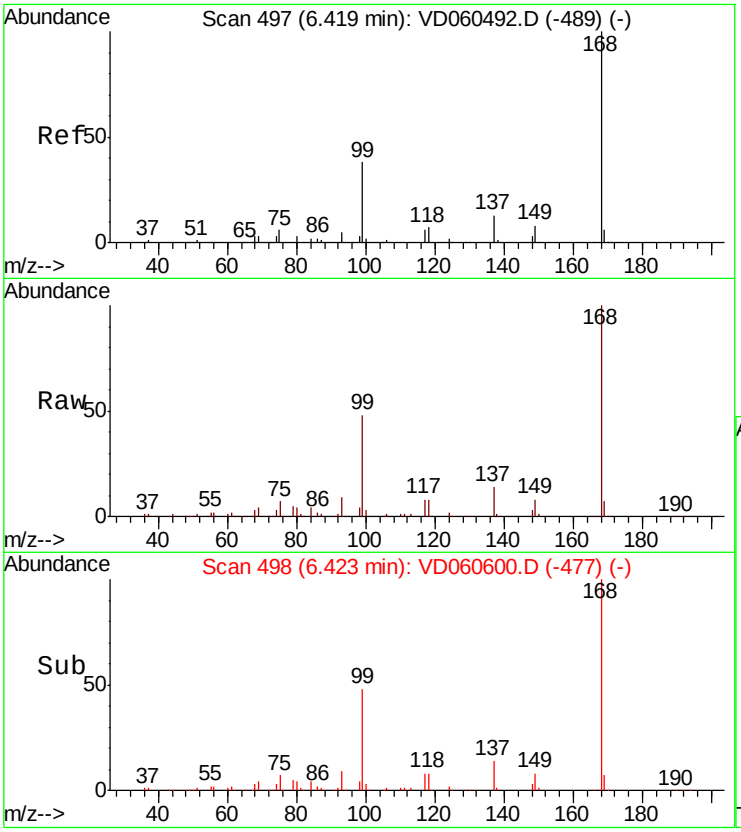


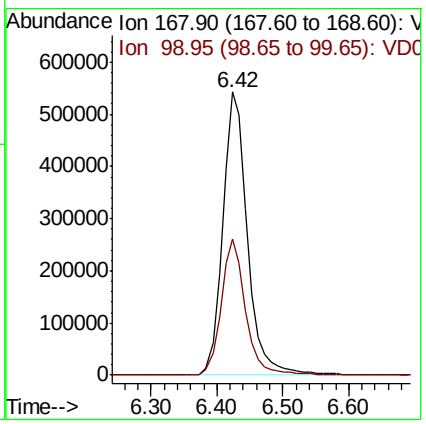


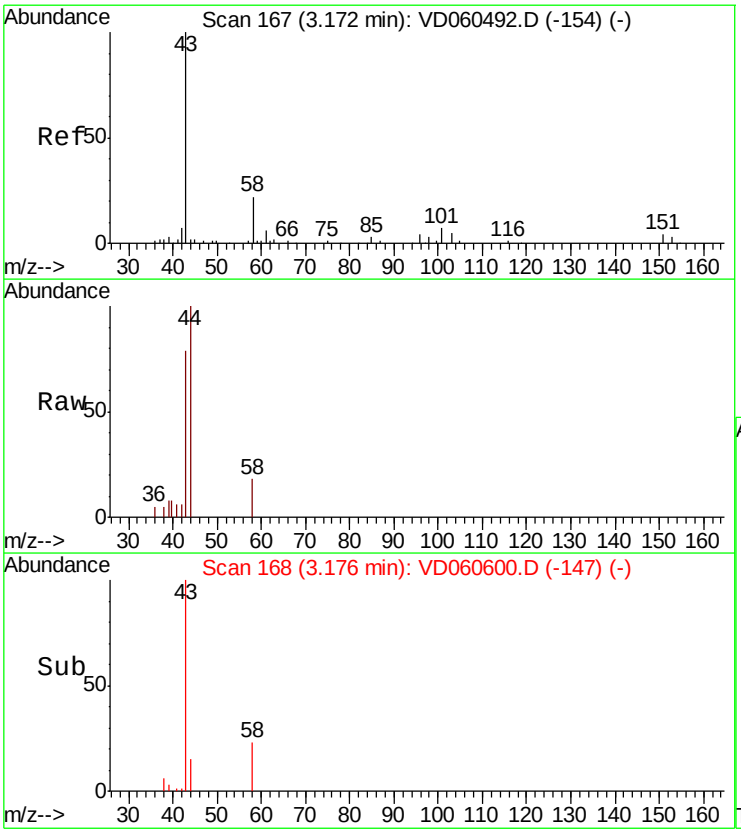

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.42 min Scan# 498
Delta R.T. 0.00 min
Lab File: VD060600.D
Acq: 17 Dec 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
SODUP01_121218

Tgt Ion:168 Resp: 1418238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 48.2 | 35.6 | 53.4 |

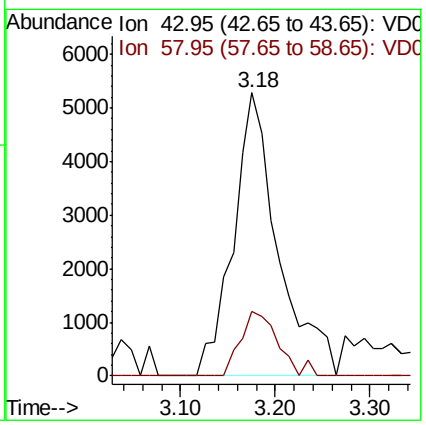


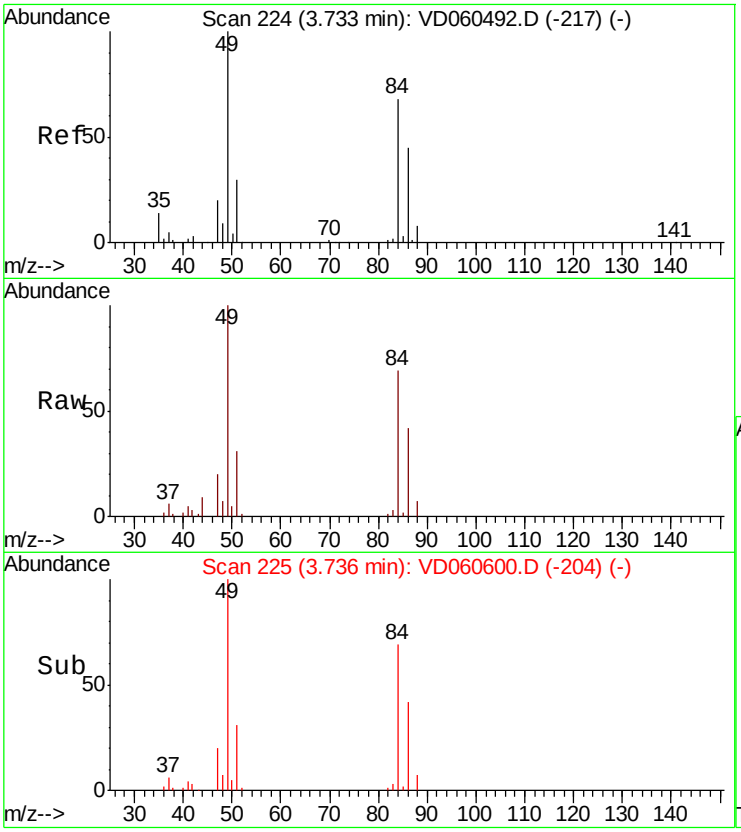




#16
Acetone
Concen: 10.771 ug/l
RT: 3.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VD060600.D
Acq: 17 Dec 2018 15:34

Tgt Ion: 43 Resp: 17356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 22.7 | 17.3 | 25.9 |



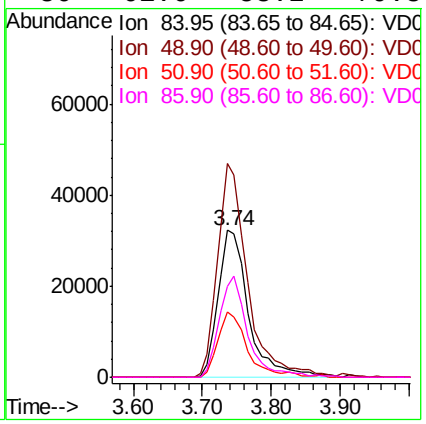


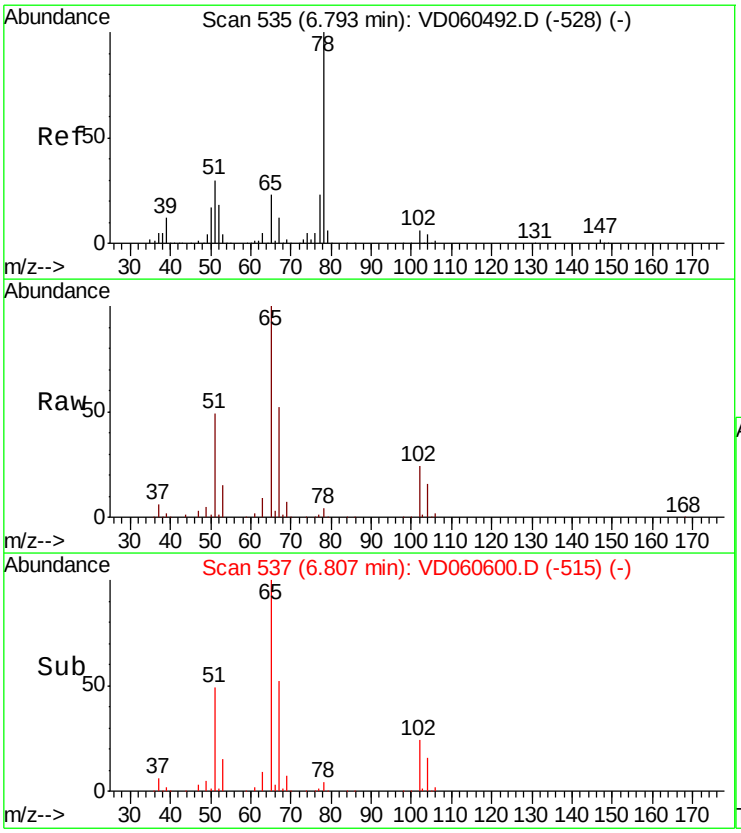

#20
Methylene Chloride
Concen: 2.440 ug/l
RT: 3.74 min Scan# 225
Delta R.T. 0.00 min
Lab File: VD060600.D
Acq: 17 Dec 2018 15:34

**Instrument :** MSVOA_D
**ClientSampleId :** SODUP01_121218

Tgt Ion: 84 Resp: 99042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 145.5 | 117.2 | 175.8 |
| 51 | 44.5 | 35.3 | 52.9 |
| 86 | 61.6 | 53.2 | 79.8 |

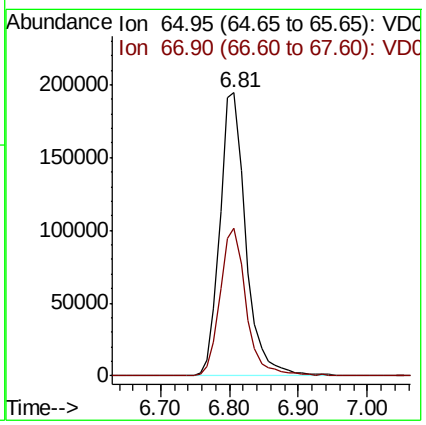


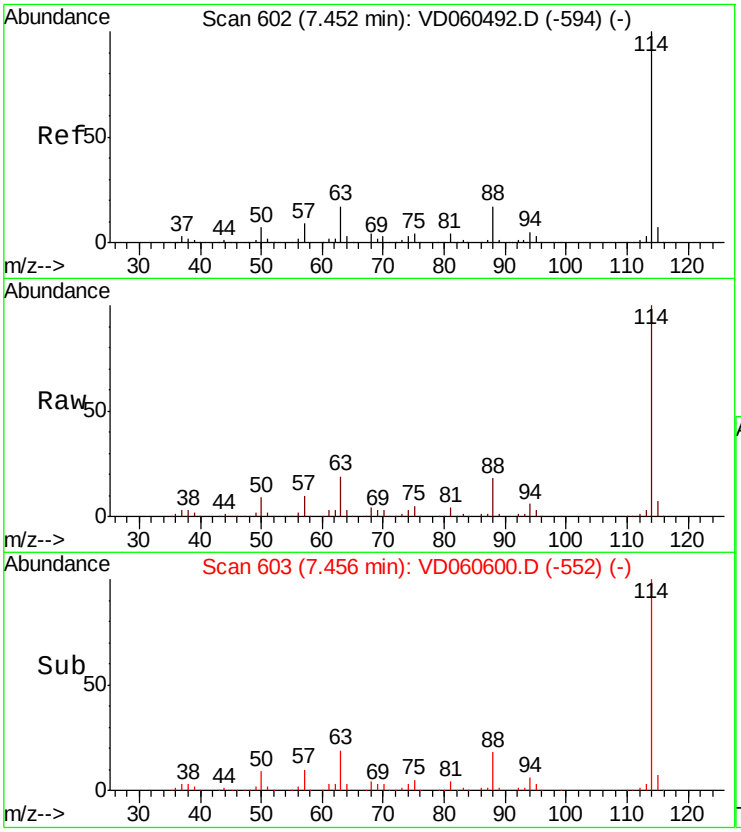




#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.81 min Scan# 537
Delta R.T. 0.01 min
Lab File: VD060600.D
Acq: 17 Dec 2018 15:34

Tgt Ion: 65 Resp: 509050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.0 | 0.0 | 106.8 |



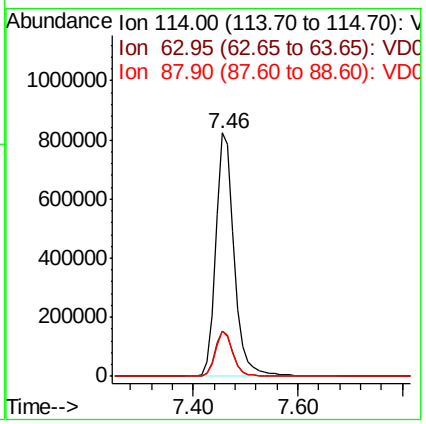


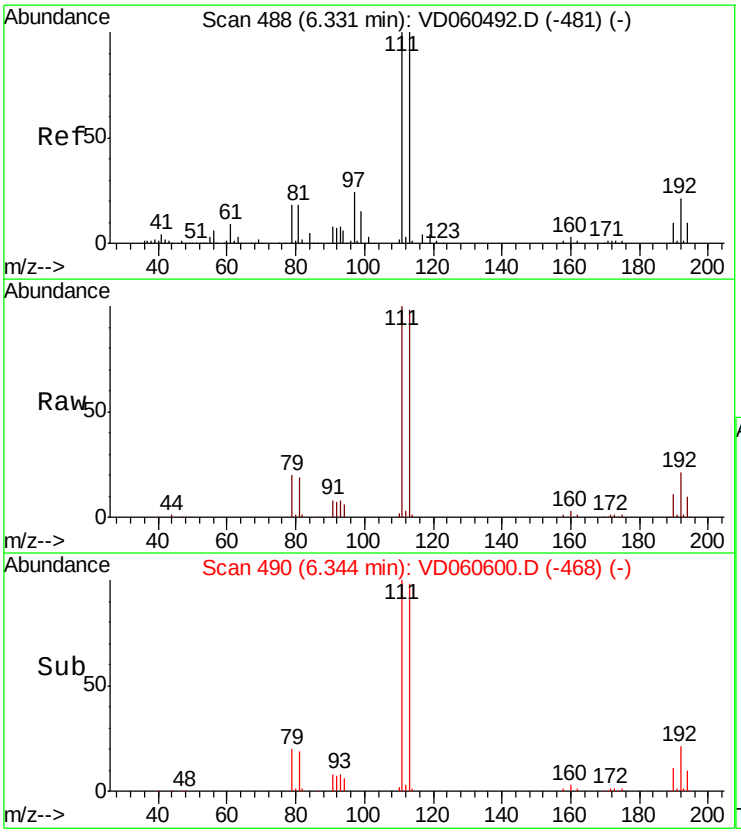

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.46 min Scan# 603
Delta R.T. 0.00 min
Lab File: VD060600.D
Acq: 17 Dec 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
SODUP01_121218

Tgt Ion:114 Resp: 2009705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.8 | 0.0 | 34.2 |
| 88 | 18.3 | 0.0 | 35.0 |

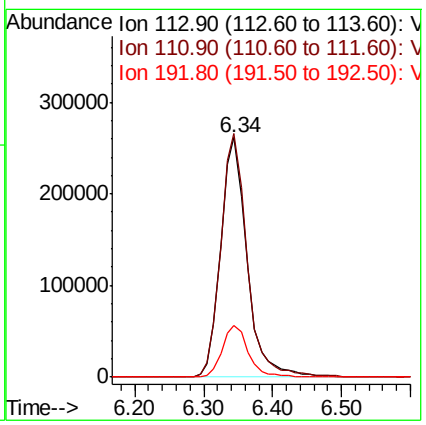


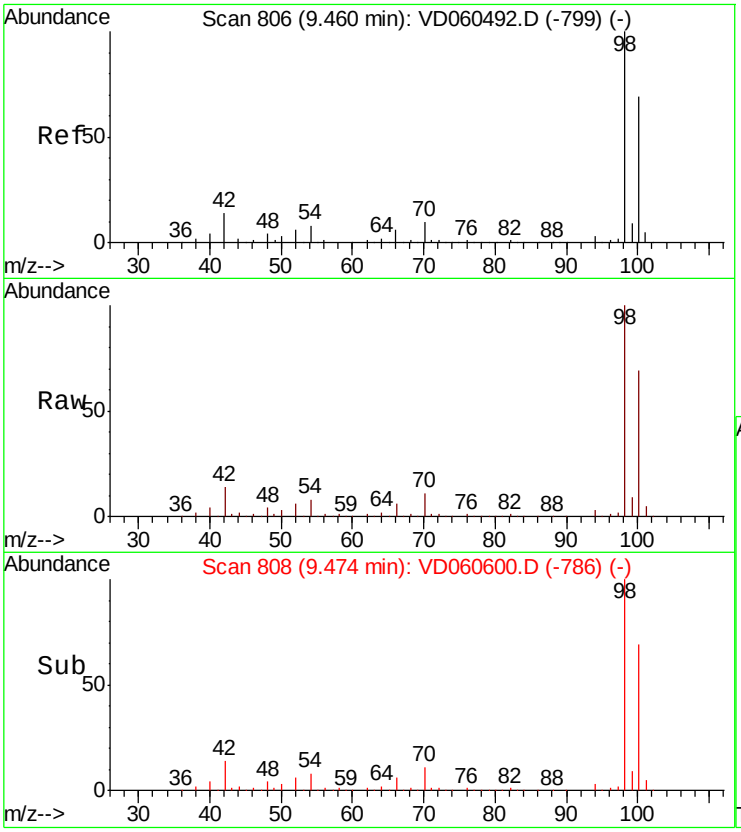




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.34 min Scan# 490
Delta R.T. 0.01 min
Lab File: VD060600.D
Acq: 17 Dec 2018 15:34

Tgt Ion:113 Resp: 692183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.8 | 80.2 | 120.4 |
| 192 | 21.6 | 16.6 | 24.8 |



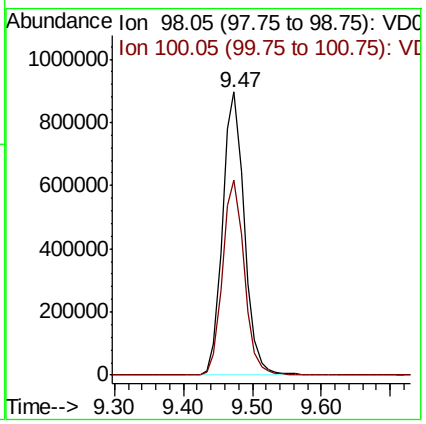


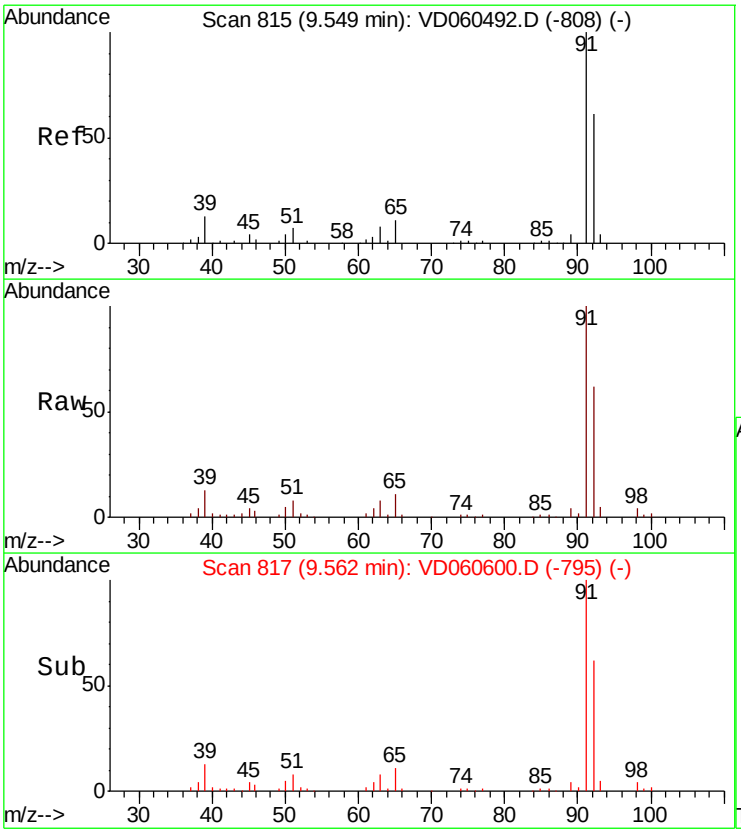

#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.47 min Scan# 808
Delta R.T. 0.01 min
Lab File: VD060600.D
Acq: 17 Dec 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
SODUP01_121218

Tgt Ion: 98 Resp: 1958809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 68.9 | 55.7 | 83.5 |

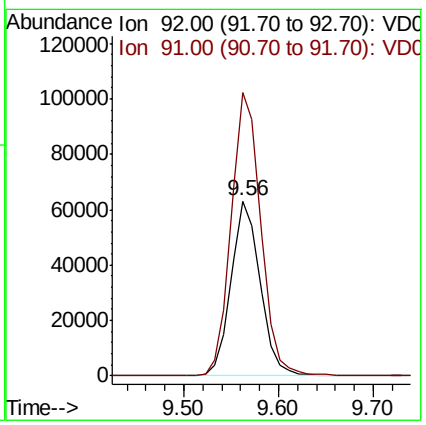


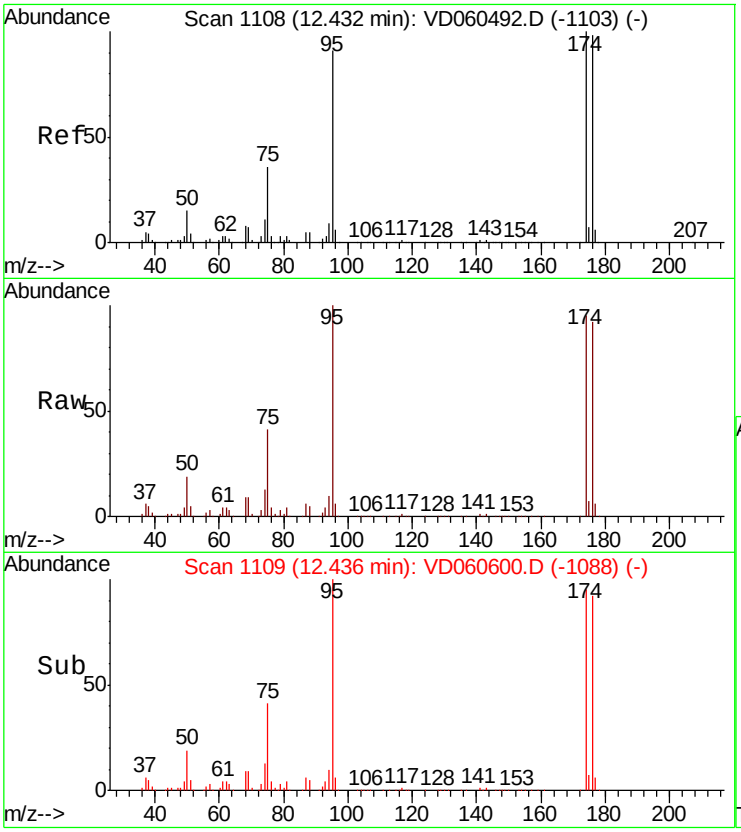




#52
Toluene
Concen: 4.276 ug/l
RT: 9.56 min Scan# 817
Delta R.T. 0.01 min
Lab File: VD060600.D
Acq: 17 Dec 2018 15:34

Tgt Ion: 92 Resp: 134176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 161.8 | 131.7 | 197.5 |



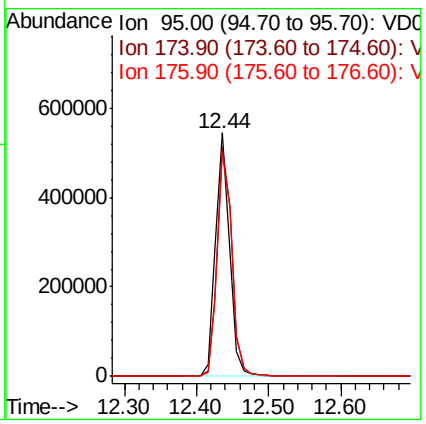


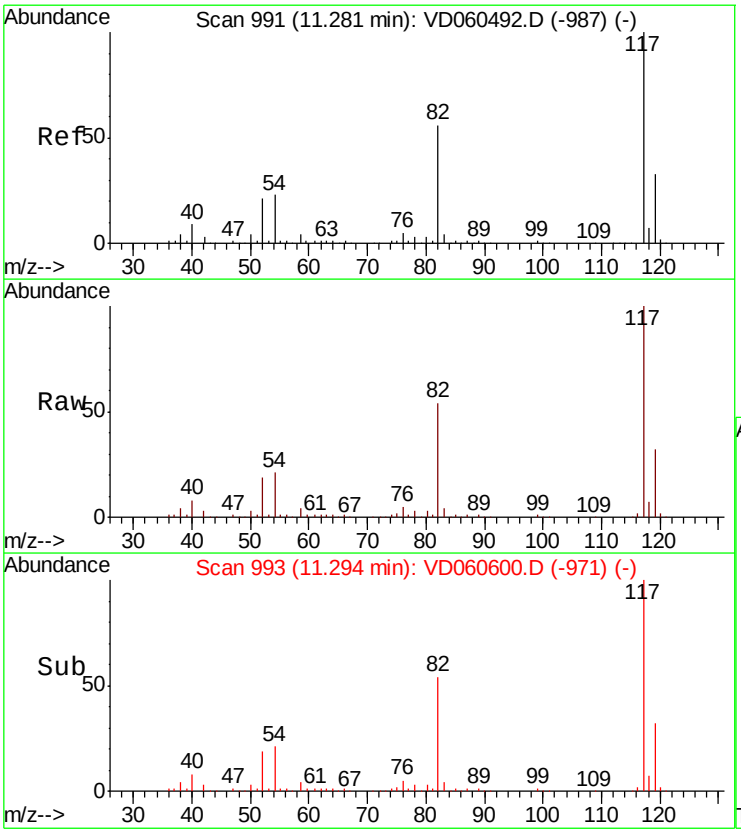

#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.44 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VD060600.D
Acq: 17 Dec 2018 15:34

**Instrument :** MSVOA_D
**ClientSampleId :** SODUP01_121218

Tgt Ion: 95 Resp: 714337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 94.5 | 0.0 | 219.4 |
| 176 | 91.5 | 0.0 | 214.6 |

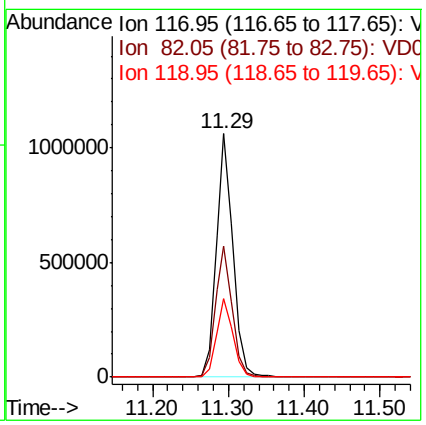


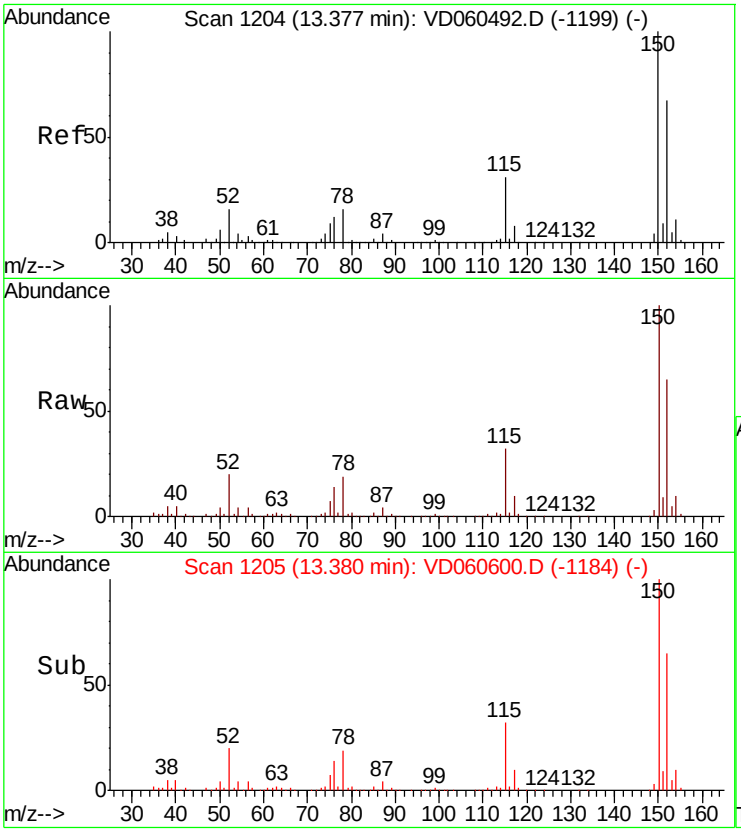




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. 0.01 min
Lab File: VD060600.D
Acq: 17 Dec 2018 15:34

Tgt Ion:117 Resp: 1627444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.8 | 45.2 | 67.8 |
| 119 | 32.1 | 26.1 | 39.1 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.00 min
Lab File: VD060600.D
Acq: 17 Dec 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
SODUP01_121218

Tgt Ion:152 Resp: 833515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 49.8 | 24.6 | 74.0 |
| 150 | 153.3 | 0.0 | 309.0 |