Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042919\
Data File : VD062070.D
Acq On : 29 Apr 2019 18:45
Operator : FY/SY
Sample : K2194-03
Misc : 7.06gm/5mL/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** JC-03-042919-B

Quant Time: Apr 30 01:38:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.01 | 168 | 483648 | 50.00 | ug/l | -0.04 |
| 34) 1,4-Difluorobenzene | 8.19 | 114 | 723173 | 50.00 | ug/l | -0.03 |
| 63) Chlorobenzene-d5 | 12.35 | 117 | 657755 | 50.00 | ug/l | -0.02 |
| 72) 1,4-Dichlorobenzene-d4 | 14.50 | 152 | 273645 | 50.00 | ug/l | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 7.43 | 65 | 194087 | 51.27 | ug/l | -0.03 |
| Spiked Amount 50.000 | | | Recovery = 102.54% | | | |
| 35) Dibromofluoromethane | 6.89 | 113 | 286883 | 57.36 | ug/l | -0.04 |
| Spiked Amount 50.000 | | | Recovery = 114.72% | | | |
| 50) Toluene-d8 | 10.39 | 98 | 656034 | 55.12 | ug/l | -0.03 |
| Spiked Amount 50.000 | | | Recovery = 110.24% | | | |
| 62) 4-Bromofluorobenzene | 13.54 | 95 | 247617 | 51.87 | ug/l | -0.02 |
| Spiked Amount 50.000 | | | Recovery = 103.74% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 3.20 | 43 | 16283 | 18.016 | ug/l | 99 |
| 20) Methylene Chloride | 3.79 | 84 | 24973 | 2.656 | ug/l | 95 |
| 52) Toluene | 10.49 | 92 | 21159 | 2.379 | ug/l | 94 |

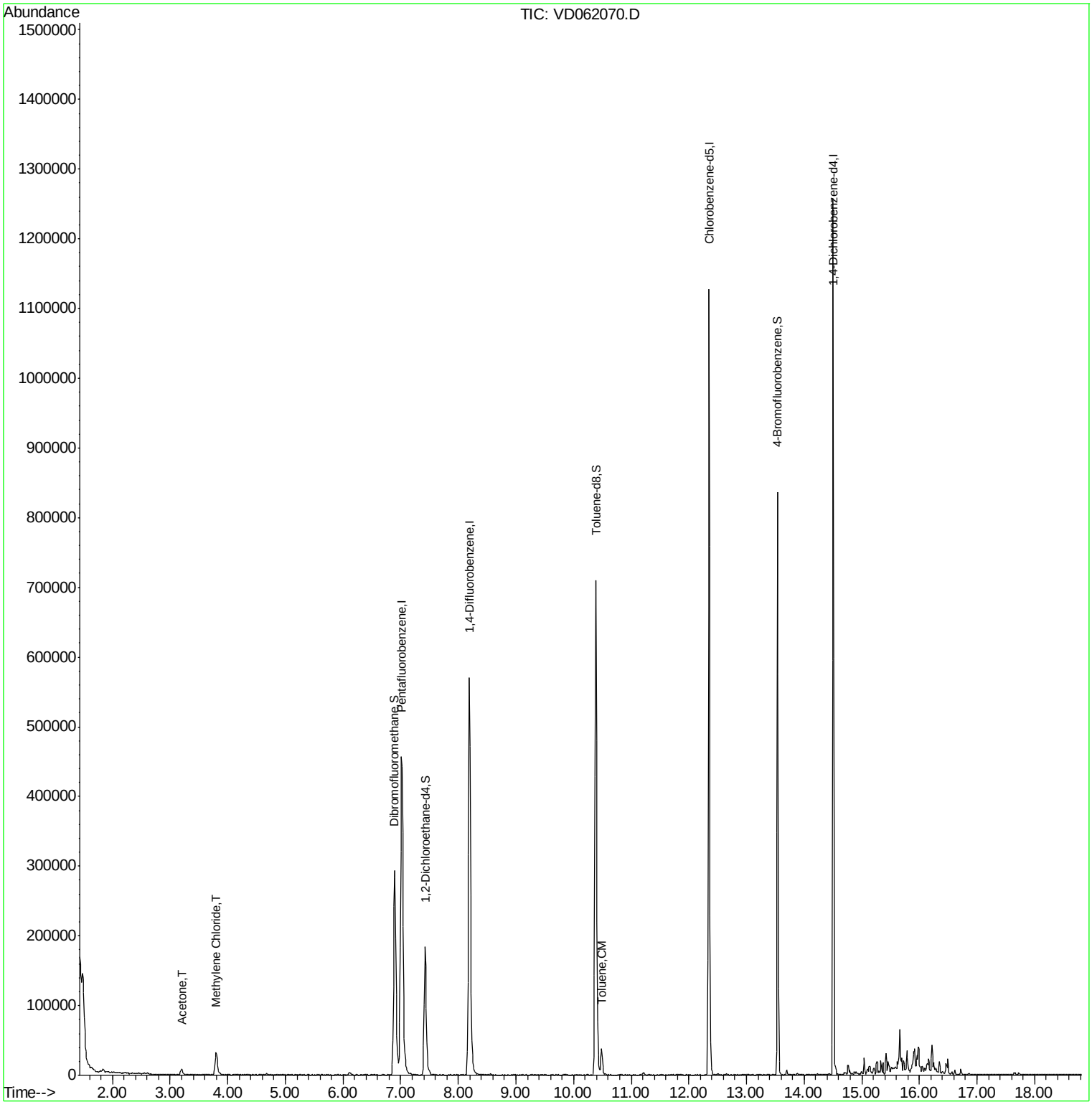
(#) = qualifier out of range (m) = manual integration (+) = signals summed

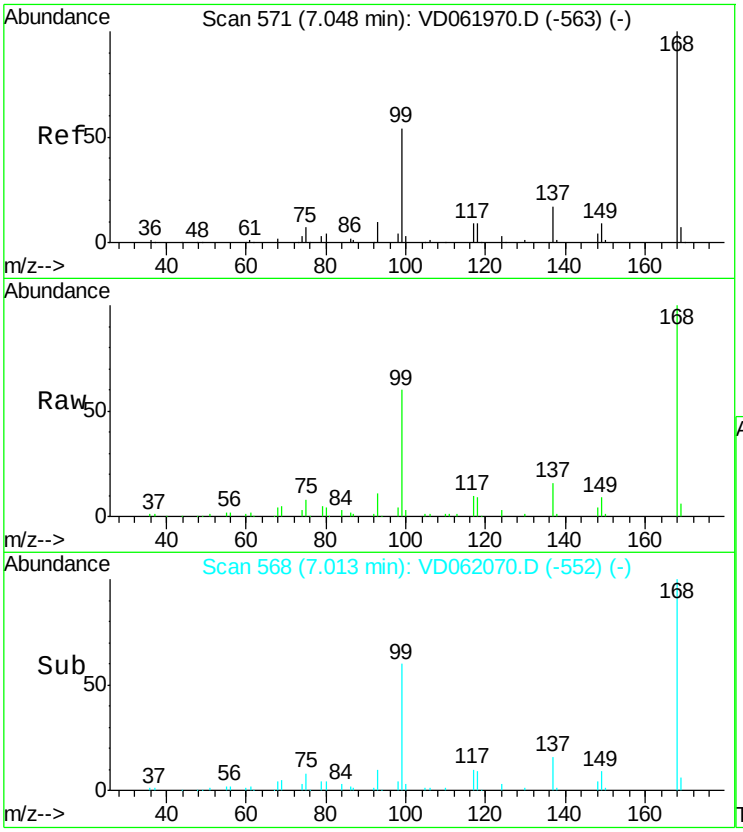
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042919\
Data File : VD062070.D
Acq On : 29 Apr 2019 18:45
Operator : FY/SY
Sample : K2194-03
Misc : 7.06gm/5mL/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
JC-03-042919-B

Quant Time: Apr 30 01:38:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration



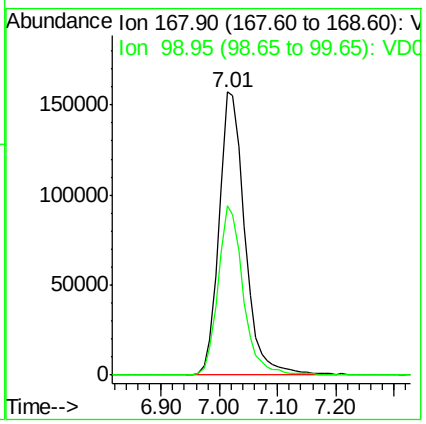


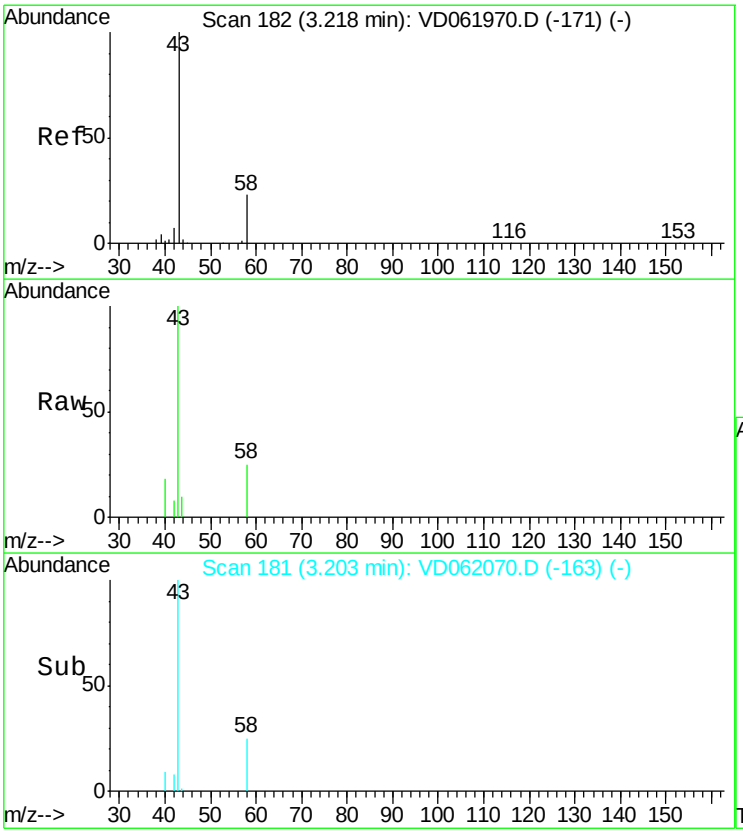

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.01 min Scan# 568
Delta R.T. -0.04 min
Lab File: VD062070.D
Acq: 29 Apr 2019 18:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
JC-03-042919-B

Tgt Ion:168 Resp: 483648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.9 | 46.5 | 69.7 |

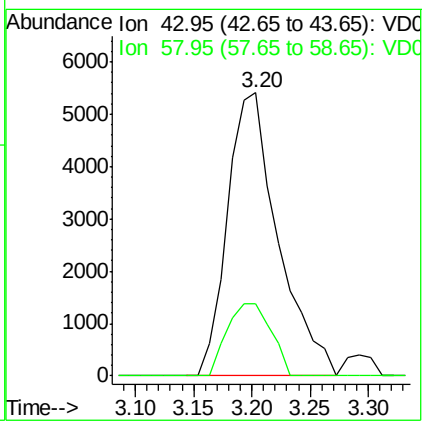


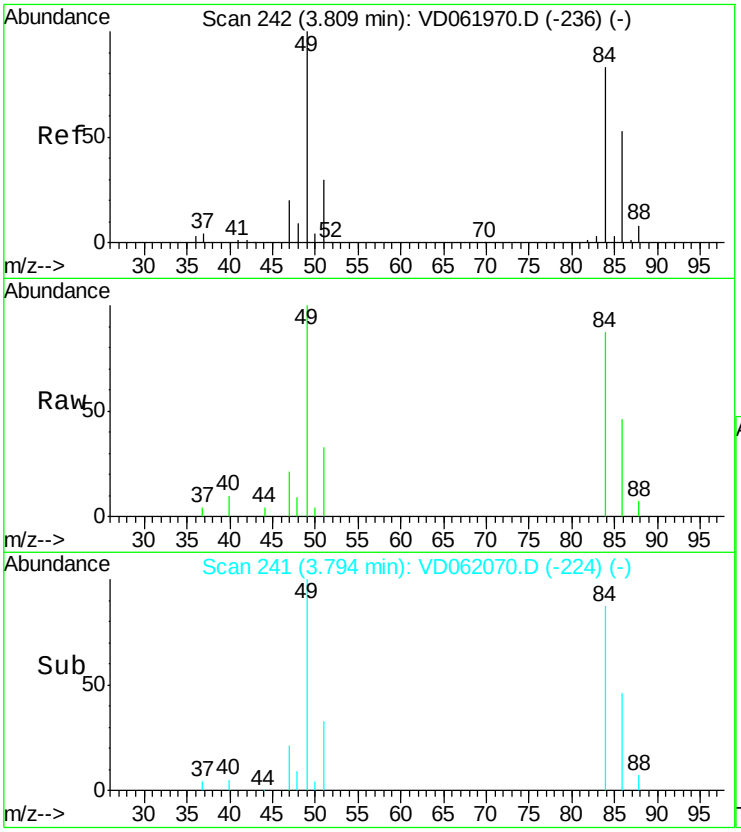




#16
Acetone
Concen: 18.016 ug/l
RT: 3.20 min Scan# 181
Delta R.T. -0.02 min
Lab File: VD062070.D
Acq: 29 Apr 2019 18:45

Tgt Ion: 43 Resp: 16283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 25.3 | 19.9 | 29.9 |



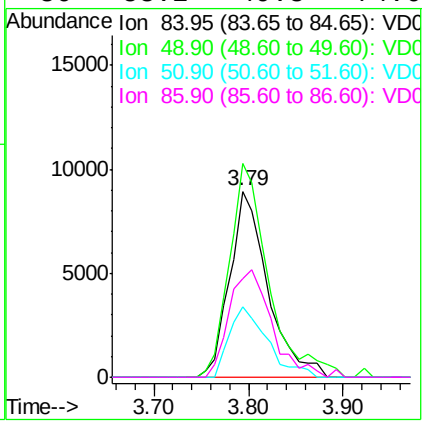


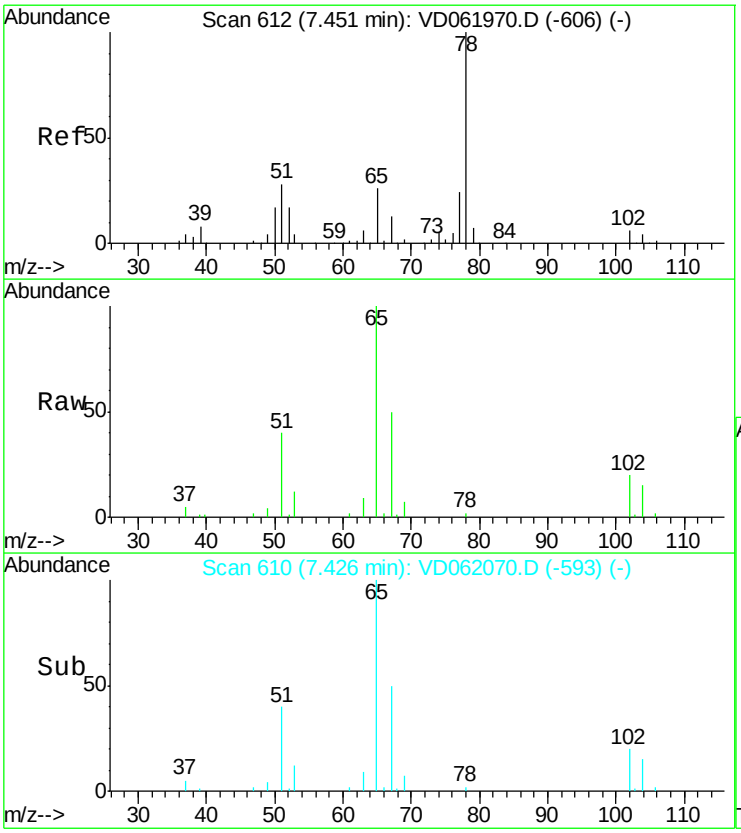

#20
Methylene Chloride
Concen: 2.656 ug/l
RT: 3.79 min Scan# 241
Delta R.T. -0.03 min
Lab File: VD062070.D
Acq: 29 Apr 2019 18:45

**Instrument :** MSVOA_D
**ClientSampleId :** JC-03-042919-B

Tgt Ion: 84 Resp: 24973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 114.8 | 94.0 | 141.0 |
| 51 | 37.5 | 29.0 | 43.4 |
| 86 | 53.2 | 49.8 | 74.6 |

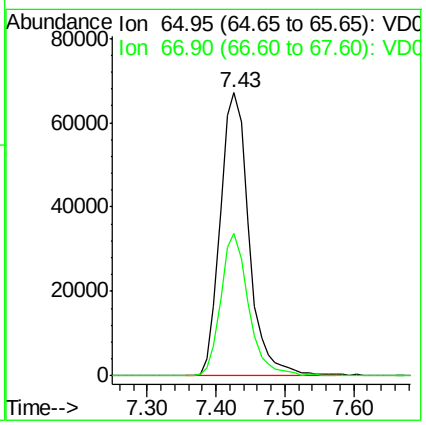


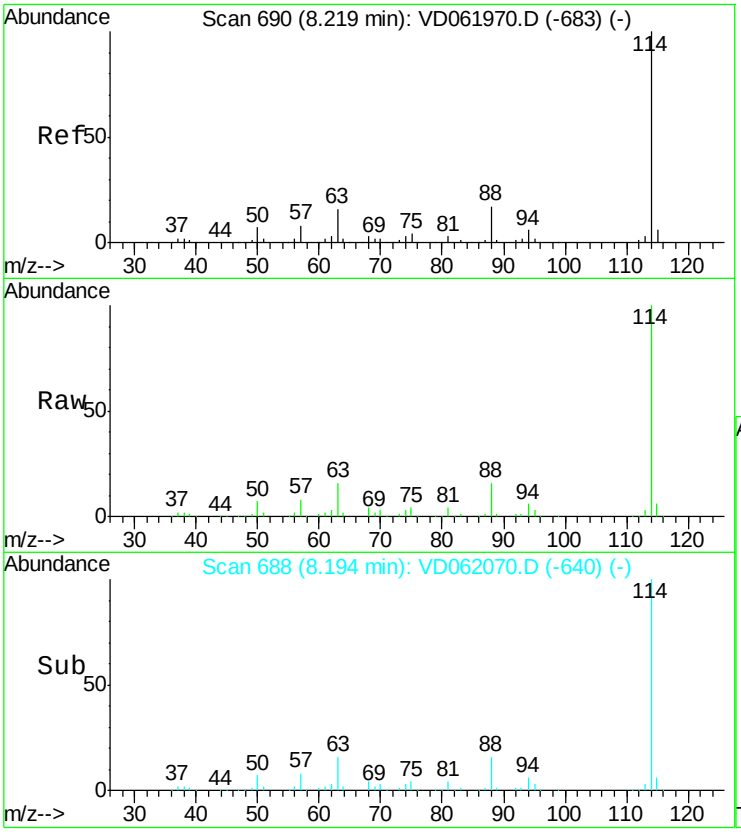




#33
1,2-Dichloroethane-d4
Concen: 51.274 ug/l
RT: 7.43 min Scan# 610
Delta R.T. -0.03 min
Lab File: VD062070.D
Acq: 29 Apr 2019 18:45

Tgt Ion: 65 Resp: 194087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.3 | 0.0 | 98.0 |



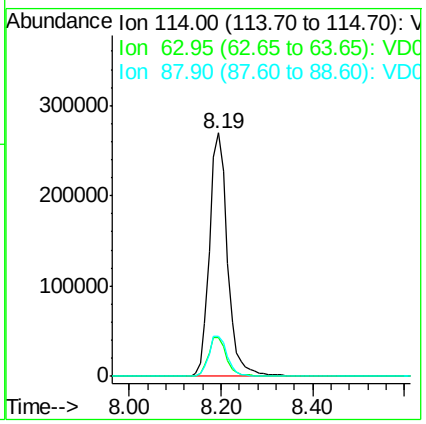


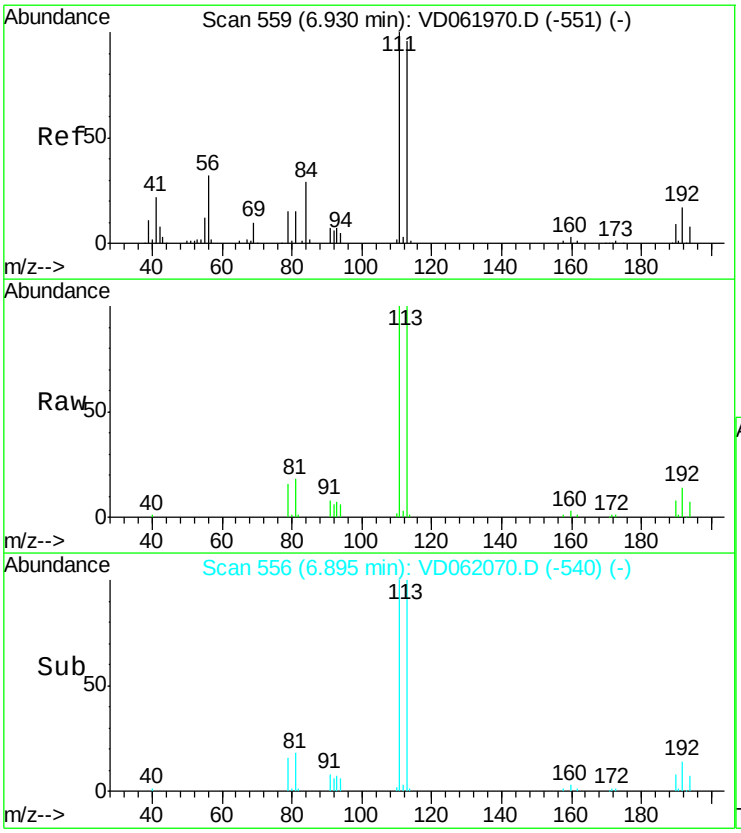

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.19 min Scan# 688
Delta R.T. -0.03 min
Lab File: VD062070.D
Acq: 29 Apr 2019 18:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
JC-03-042919-B

Tgt Ion:114 Resp: 723173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 16.1 | 0.0 | 32.4 |
| 88 | 16.3 | 0.0 | 33.6 |

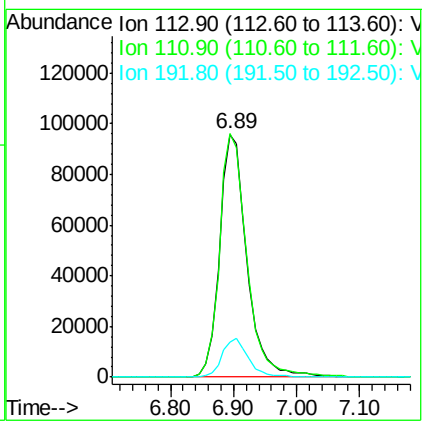


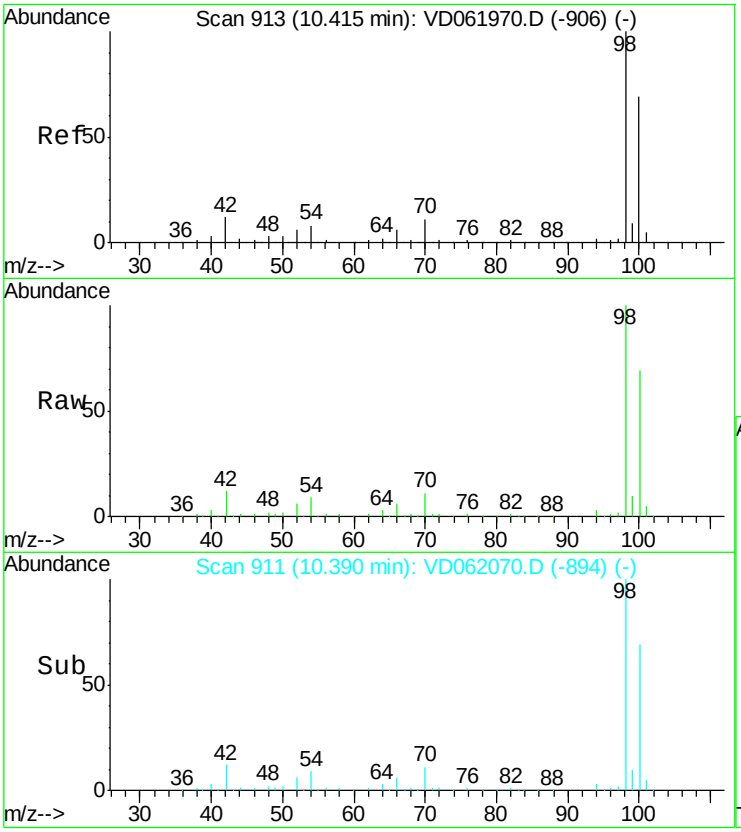




#35
Dibromofluoromethane
Concen: 57.360 ug/l
RT: 6.89 min Scan# 556
Delta R.T. -0.04 min
Lab File: VD062070.D
Acq: 29 Apr 2019 18:45

Tgt Ion:113 Resp: 286883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 100.4 | 78.5 | 117.7 |
| 192 | 14.5 | 13.0 | 19.4 |



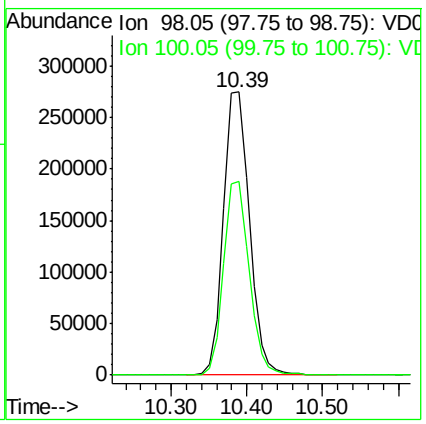


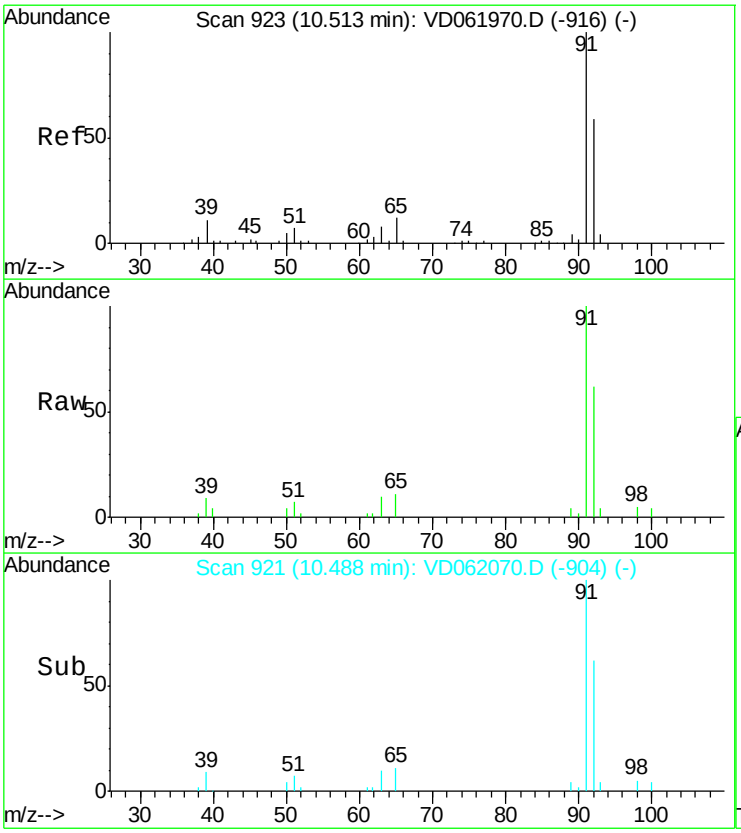

#50
Toluene-d8
Concen: 55.125 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.03 min
Lab File: VD062070.D
Acq: 29 Apr 2019 18:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
JC-03-042919-B

Tgt Ion: 98 Resp: 656034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 68.6 | 53.8 | 80.8 |

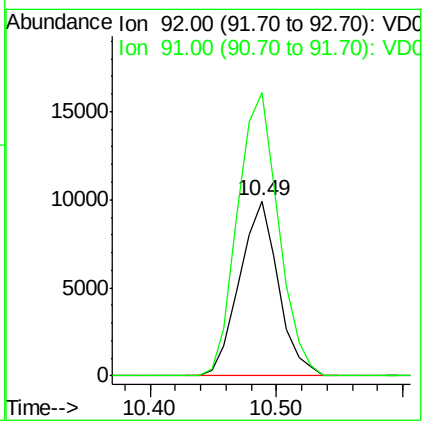


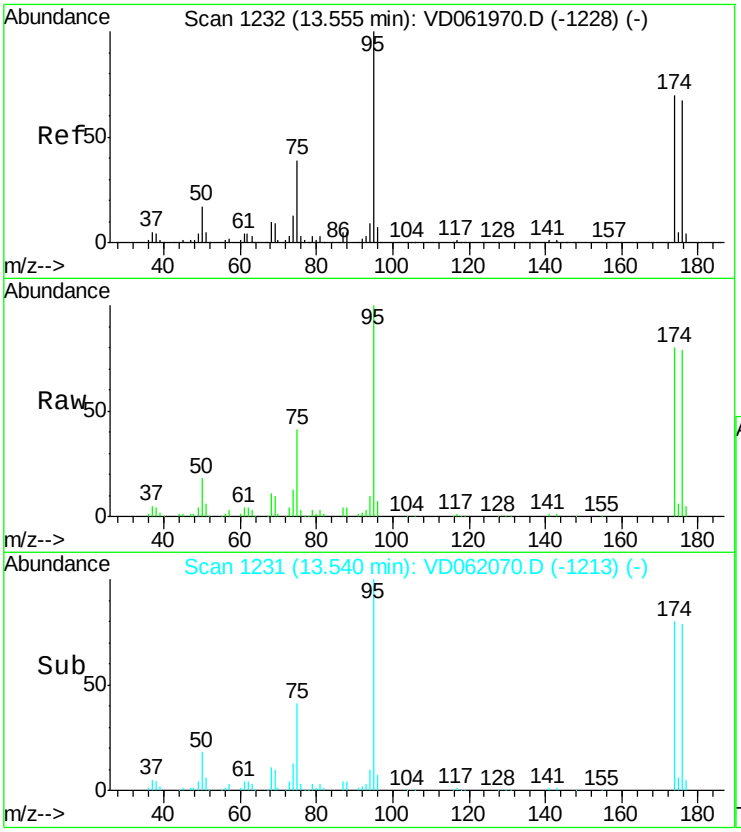




#52
Toluene
Concen: 2.379 ug/l
RT: 10.49 min Scan# 921
Delta R.T. -0.03 min
Lab File: VD062070.D
Acq: 29 Apr 2019 18:45

Tgt Ion: 92 Resp: 21159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 162.0 | 136.6 | 204.8 |



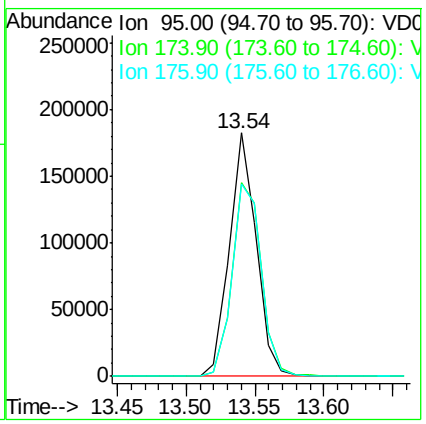


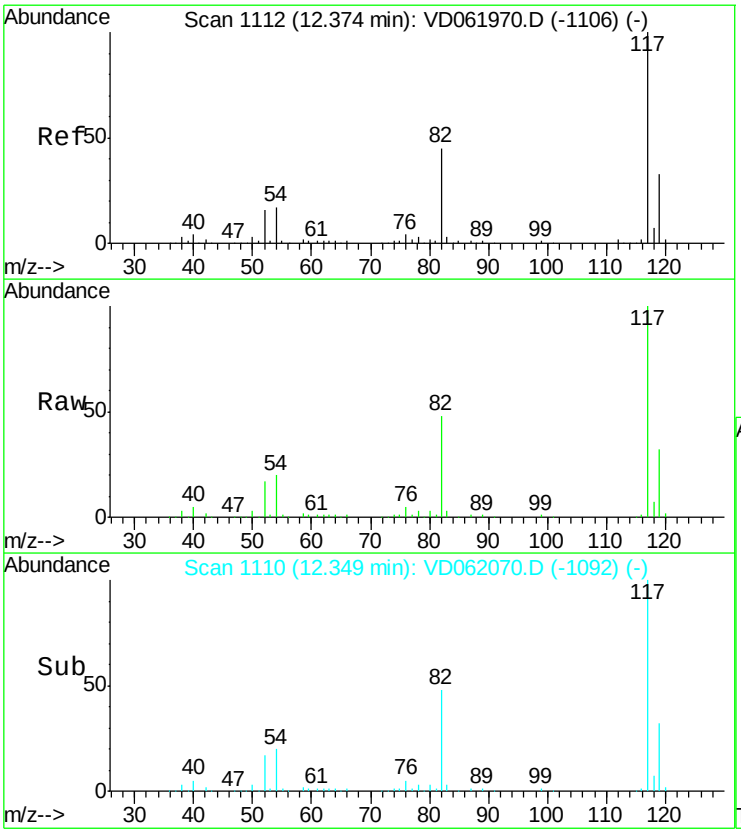

#62
4-Bromofluorobenzene
Concen: 51.875 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VD062070.D
Acq: 29 Apr 2019 18:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
JC-03-042919-B

Tgt Ion: 95 Resp: 247617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 79.8 | 0.0 | 181.8 |
| 176 | 78.8 | 0.0 | 174.4 |

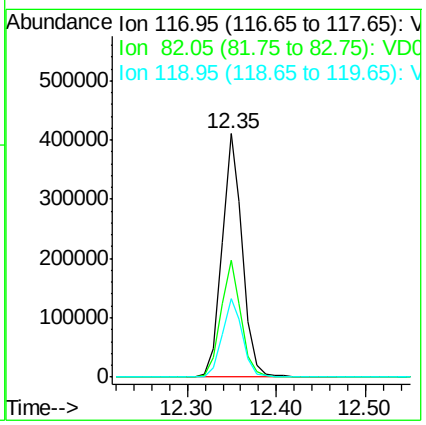


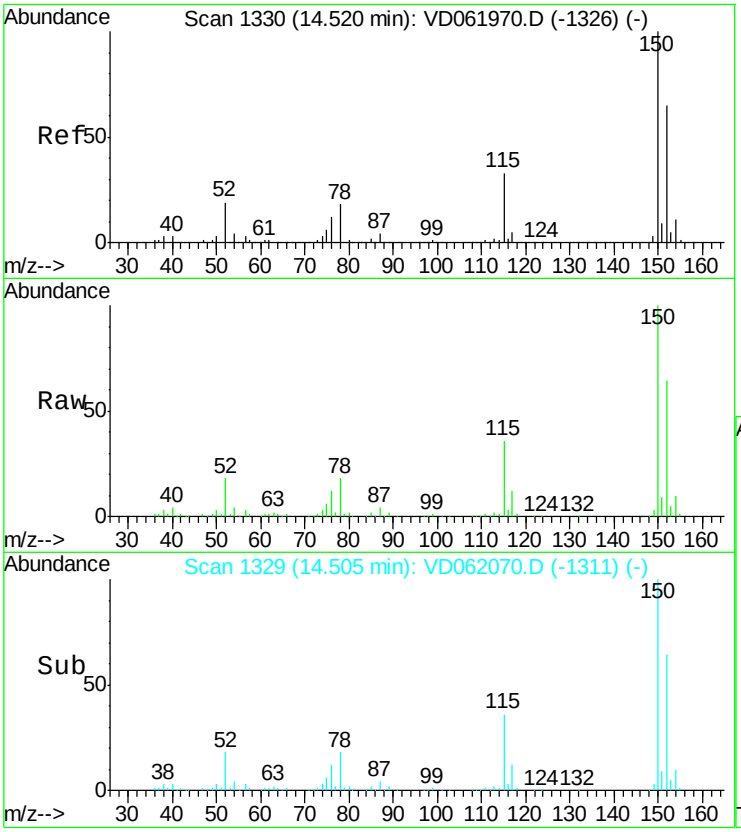




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062070.D
Acq: 29 Apr 2019 18:45

Tgt Ion:117 Resp: 657755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 48.1 | 36.2 | 54.2 |
| 119 | 32.1 | 26.2 | 39.4 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD062070.D
Acq: 29 Apr 2019 18:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
JC-03-042919-B

Tgt Ion:152 Resp: 273645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 56.3 | 30.9 | 92.7 |
| 150 | 157.3 | 0.0 | 314.8 |