Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031219\
Data File : VD061019.D
Acq On : 12 Mar 2019 12:46
Operator : VA/AP
Sample : VD0312SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VD0312SBL01

Quant Time: Mar 13 04:06:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.05 | 168 | 783799 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.22 | 114 | 1223615 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 12.37 | 117 | 1068466 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 14.51 | 152 | 458257 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 7.46 | 65 | 311568 | 47.76 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 95.52% | | | |
| 35) Dibromofluoromethane | 6.92 | 113 | 481877 | 53.07 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 106.14% | | | |
| 50) Toluene-d8 | 10.41 | 98 | 1193873 | 52.35 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 104.70% | | | |
| 62) 4-Bromofluorobenzene | 13.55 | 95 | 413047 | 46.68 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 93.36% | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Methyl Iodide | 3.34 | 142 | 2307 | 3.098 | ug/l | # | 82 |
| 11) Tert butyl alcohol | 3.99 | 59 | 2959 | 7.124 | ug/l | # | 75 |
| 16) Acetone | 3.23 | 43 | 11557 | 6.195 | ug/l | | 91 |
| 20) Methylene Chloride | 3.82 | 84 | 19172 | Below Cal | | | 92 |
| 31) Cyclohexane | 7.04 | 56 | 13862 | 1.201 | ug/l | # | 1 |
| 36) 1,1-Dichloropropene | 7.04 | 75 | 56980 | 5.402 | ug/l | # | 47 |
| 38) Carbon Tetrachloride | 7.04 | 117 | 73281 | 6.307 | ug/l | # | 16 |
| 81) trans-1,4-Dichloro-2-buten | 13.55 | 75 | 149133 | 76.726 | ug/l | # | 17 |

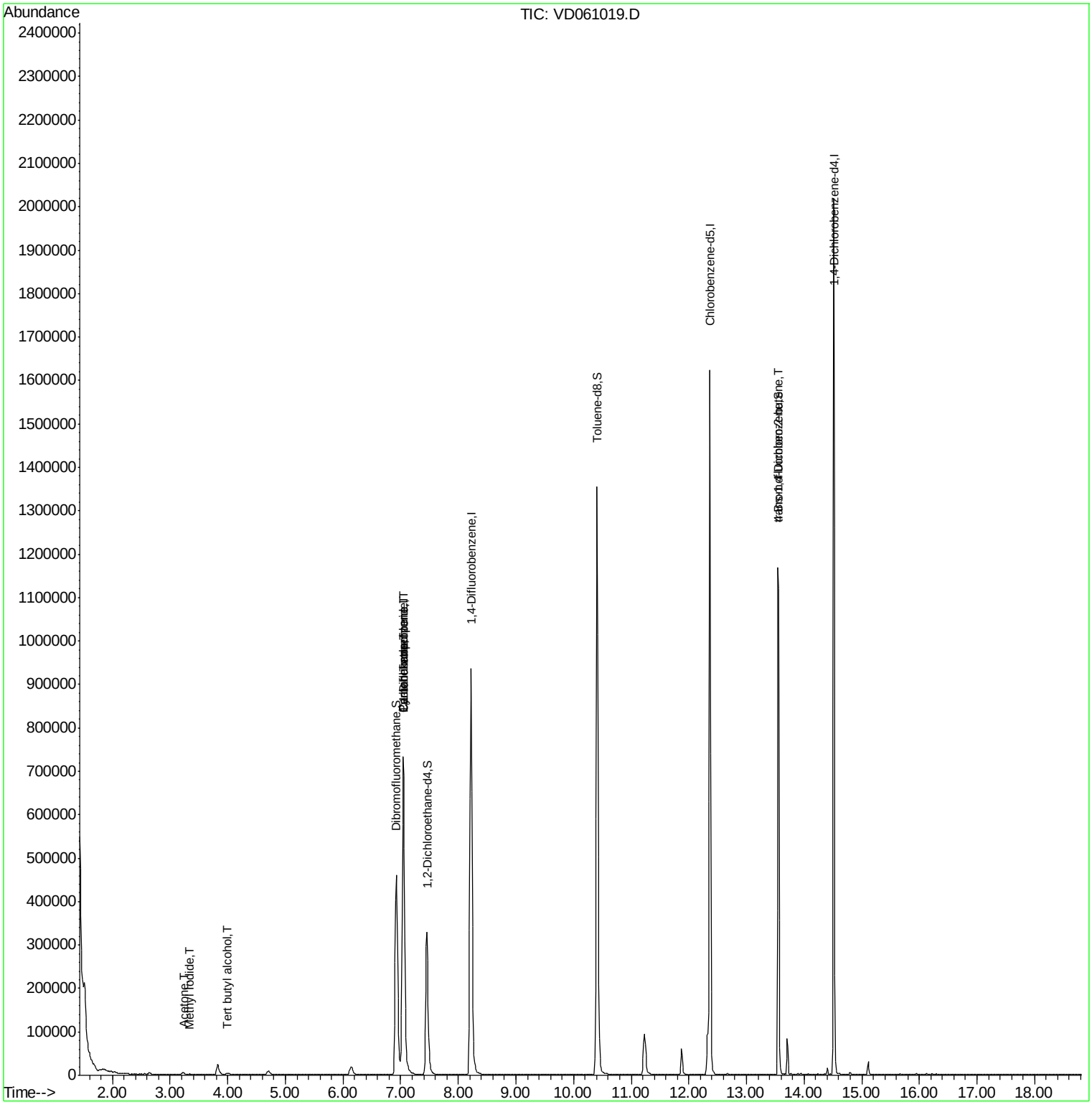
(#) = qualifier out of range (m) = manual integration (+) = signals summed

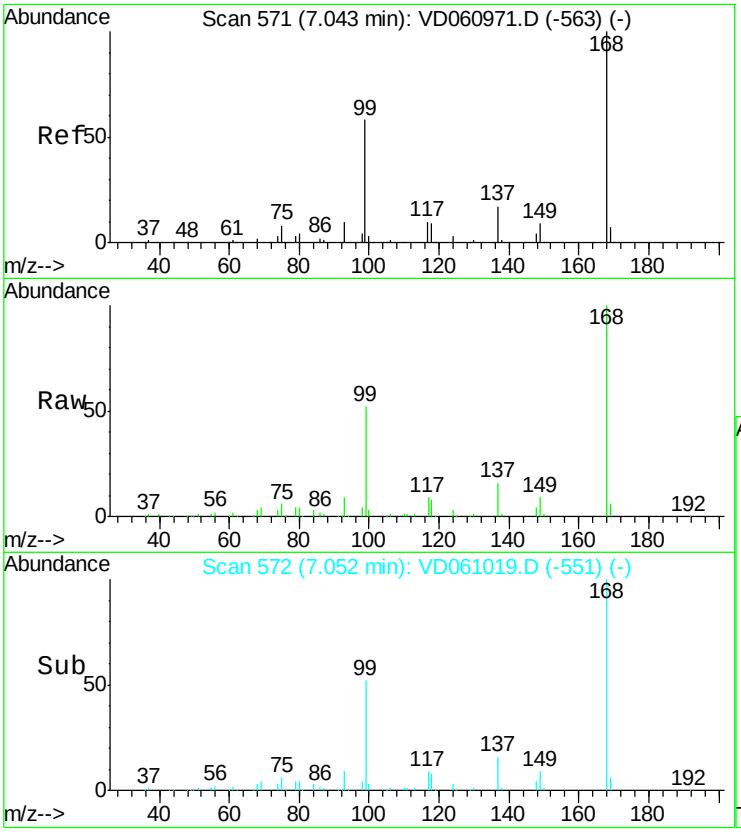
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031219\
Data File : VD061019.D
Acq On : 12 Mar 2019 12:46
Operator : VA/AP
Sample : VD0312SBL01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0312SBL01

Quant Time: Mar 13 04:06:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration



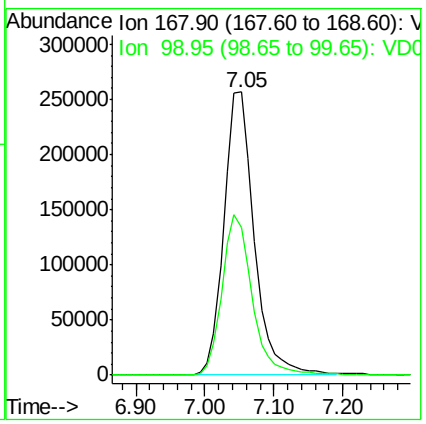


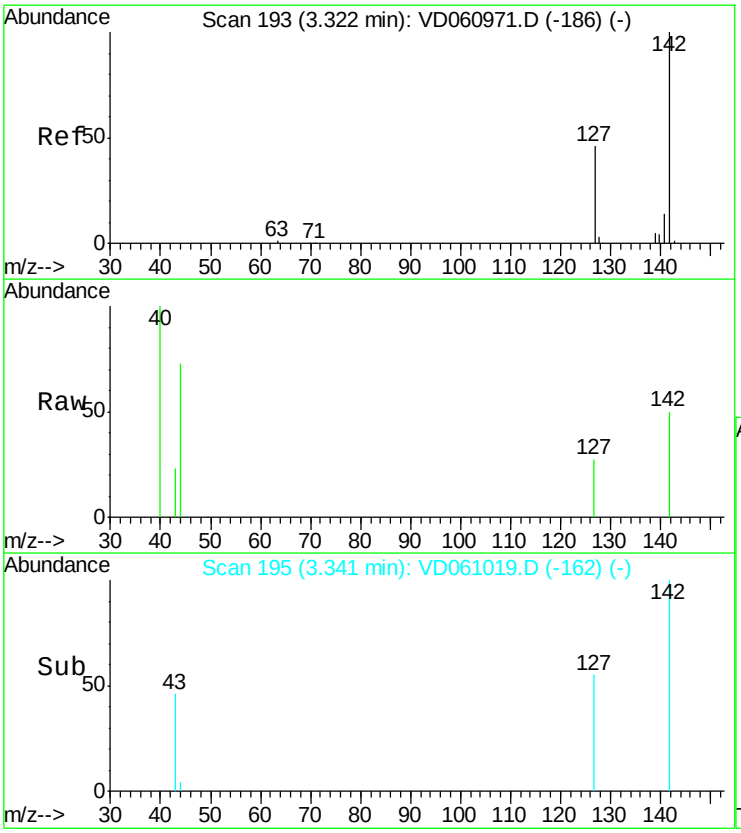

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.01 min
Lab File: VD061019.D
Acq: 12 Mar 2019 12:46

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0312SBL01

Tgt Ion:168 Resp: 783799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 52.3 | 47.3 | 70.9 |

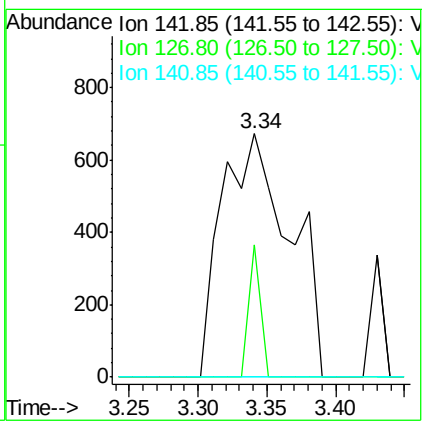


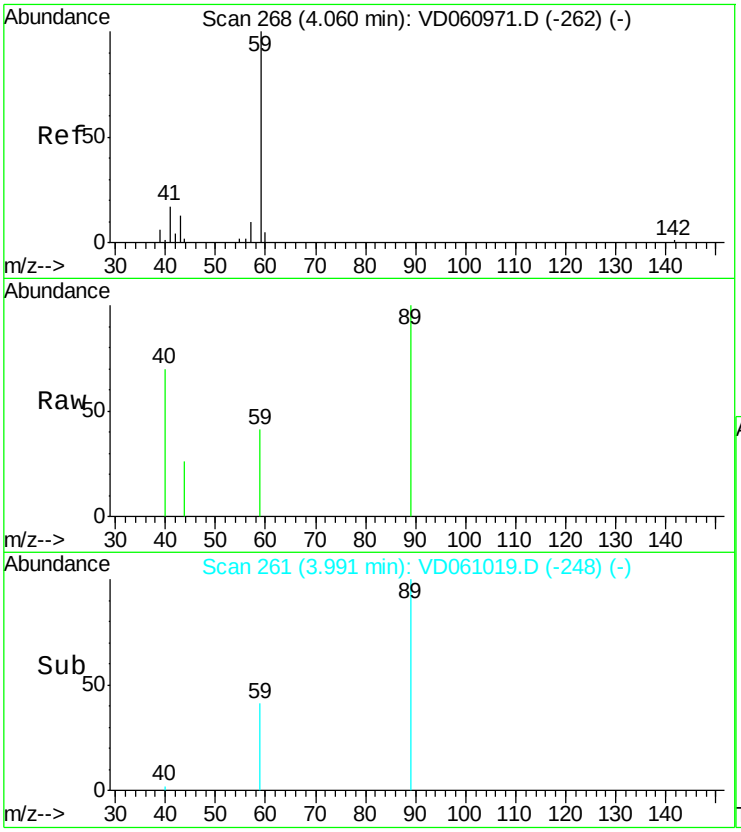




#10
Methyl Iodide
Concen: 3.098 ug/l
RT: 3.34 min Scan# 195
Delta R.T. 0.02 min
Lab File: VD061019.D
Acq: 12 Mar 2019 12:46

Tgt Ion:142 Resp: 2307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 54.5 | 36.8 | 55.2 |
| 141 | 0.0 | 11.2 | 16.8# |



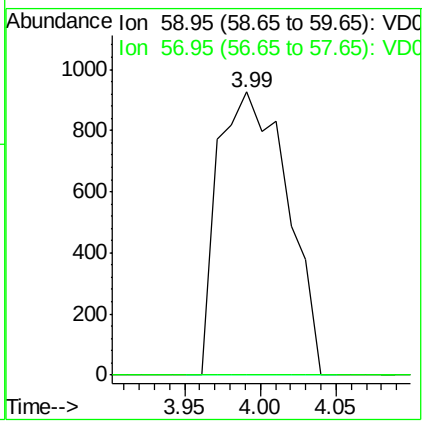


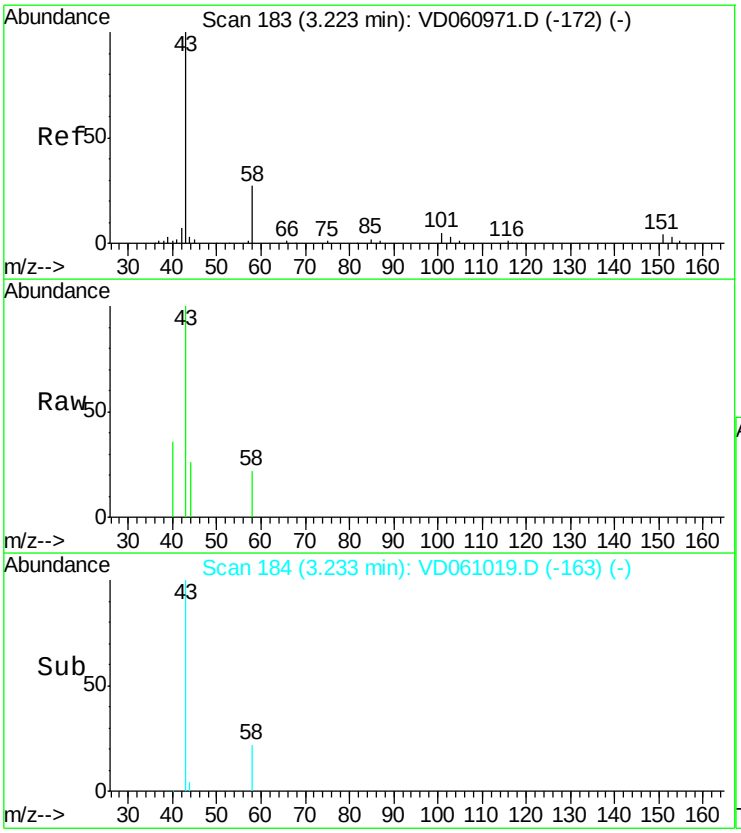

#11
Tert butyl alcohol
Concen: 7.124 ug/l
RT: 3.99 min Scan# 261
Delta R.T. -0.07 min
Lab File: VD061019.D
Acq: 12 Mar 2019 12:46

**Instrument :** MSVOA_D
**ClientSampleId :** VD0312SBL01

Tgt Ion: 59 Resp: 2959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 7.1 | 10.7# |

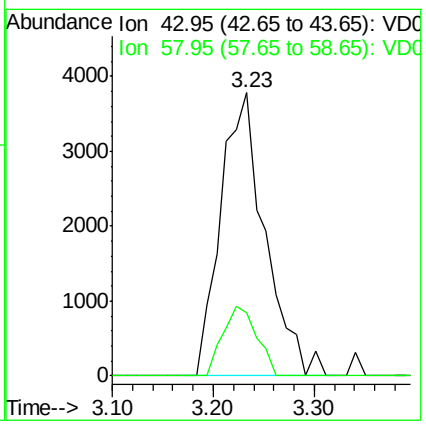


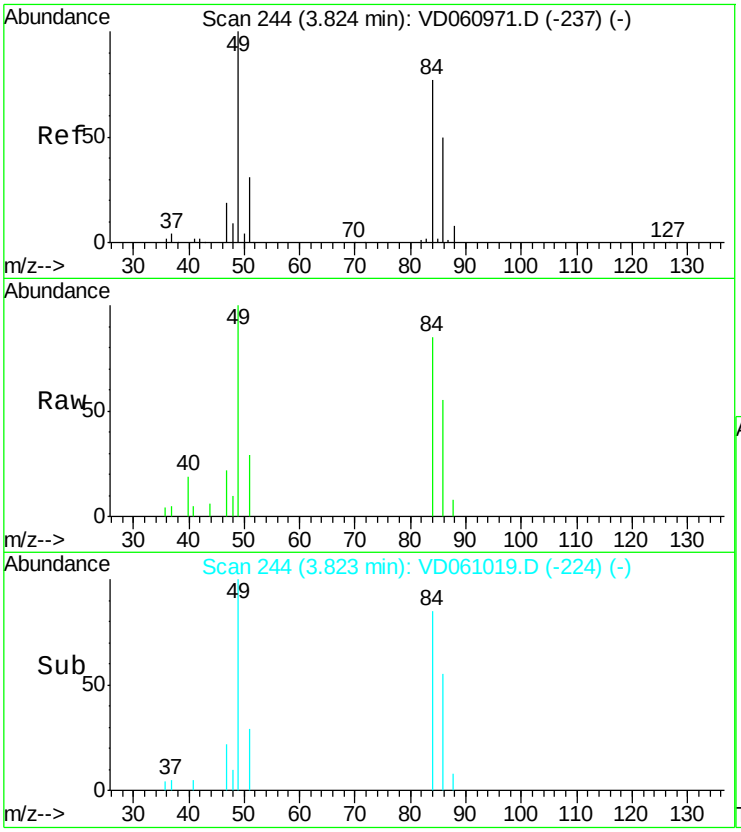




#16
Acetone
Concen: 6.195 ug/l
RT: 3.23 min Scan# 184
Delta R.T. 0.01 min
Lab File: VD061019.D
Acq: 12 Mar 2019 12:46

Tgt Ion: 43 Resp: 11557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 22.5 | 21.6 | 32.4 |



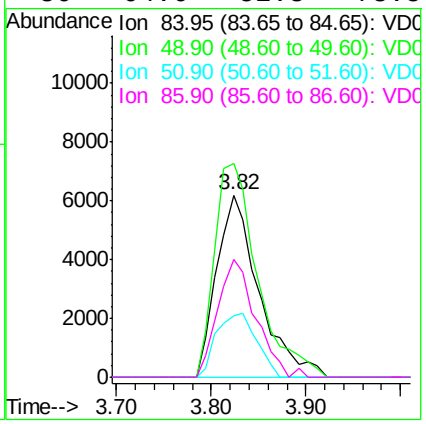


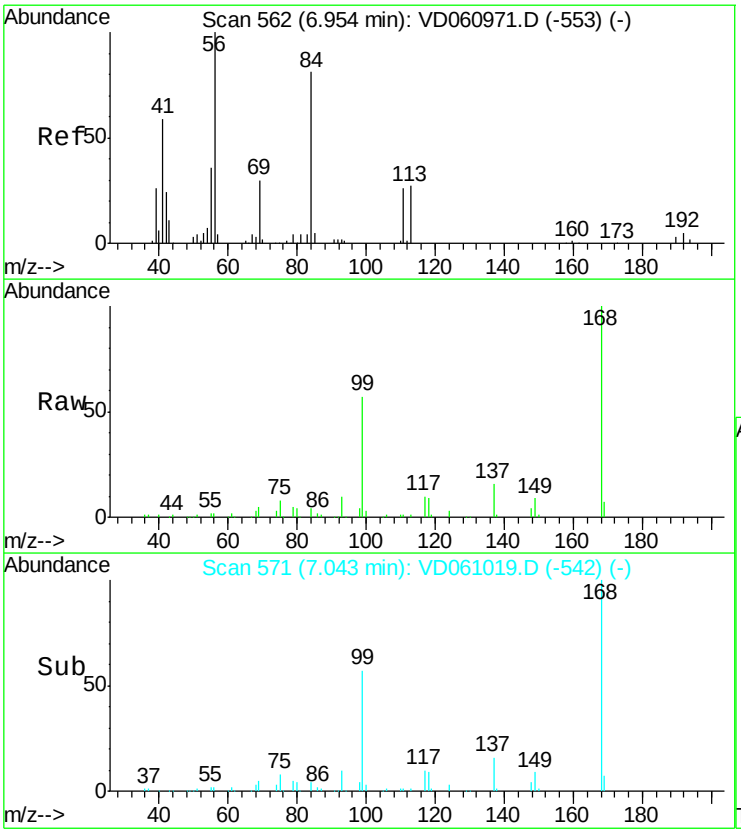

#20
Methylene Chloride
Concen: Below Cal
RT: 3.82 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD061019.D
Acq: 12 Mar 2019 12:46

**Instrument :** MSVOA_D
**ClientSampleId :** VD0312SBL01

Tgt Ion: 84 Resp: 19172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 117.1 | 104.2 | 156.2 |
| 51 | 33.9 | 32.3 | 48.5 |
| 86 | 64.6 | 52.3 | 78.5 |

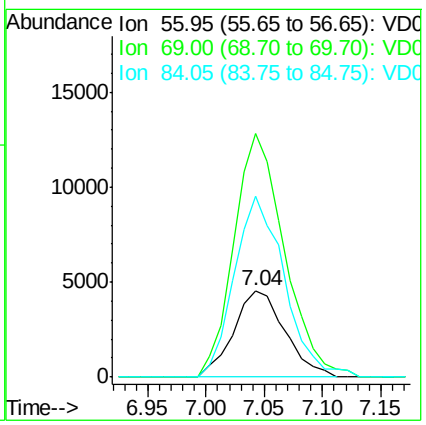


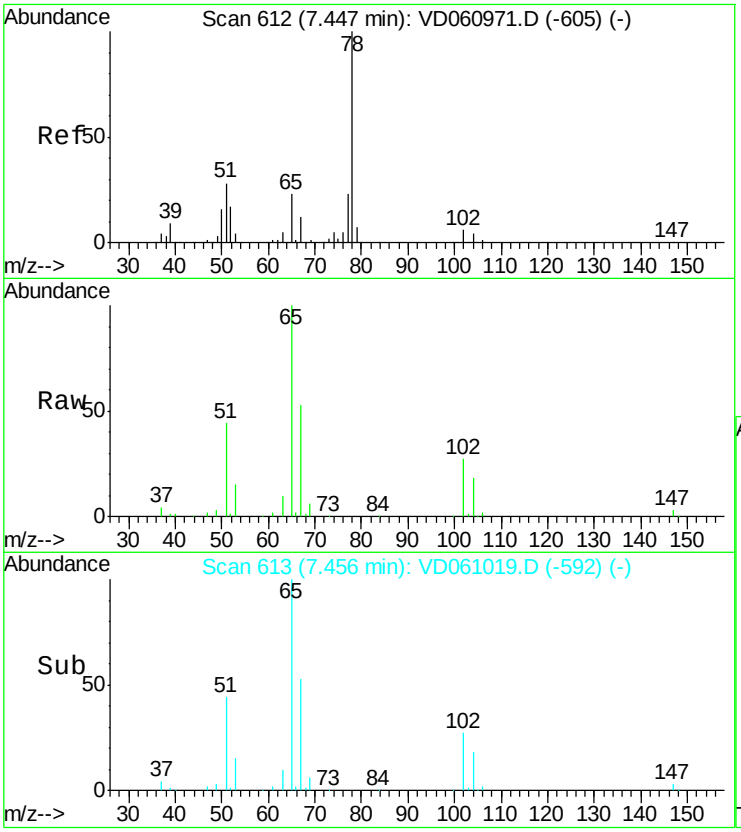




#31
Cyclohexane
Concen: 1.201 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.09 min
Lab File: VD061019.D
Acq: 12 Mar 2019 12:46

Tgt Ion: 56 Resp: 13862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 281.1 | 24.0 | 36.0# |
| 84 | 209.2 | 65.8 | 98.6# |



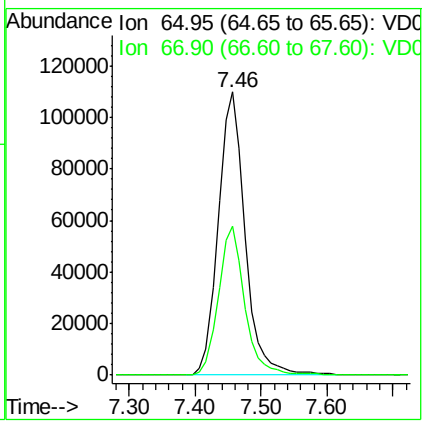


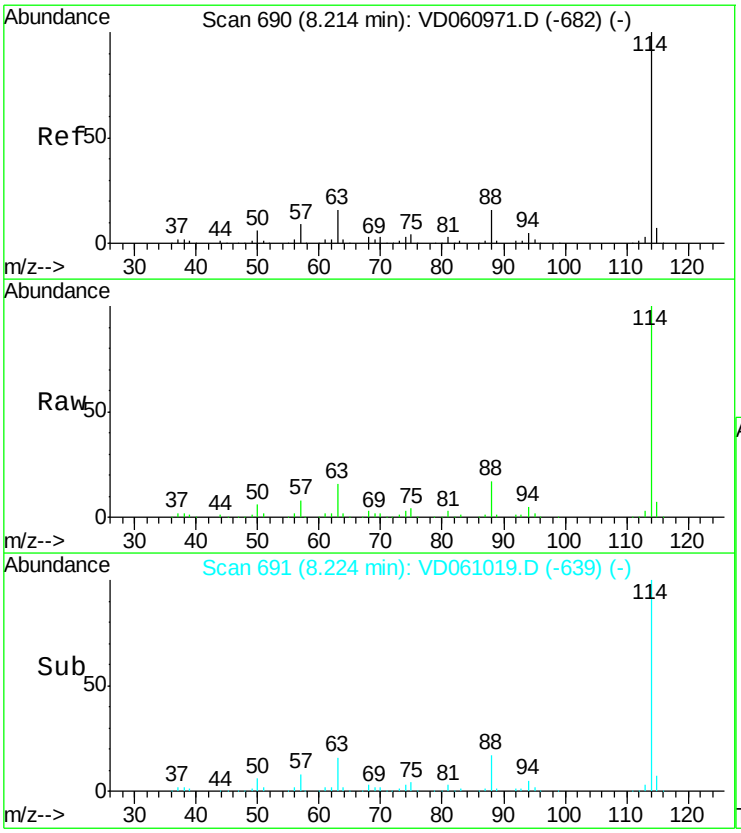

#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD061019.D
Acq: 12 Mar 2019 12:46

**Instrument :** MSVOA_D
**ClientSampleId :** VD0312SBL01

Tgt Ion: 65 Resp: 311568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.5 | 0.0 | 105.2 |

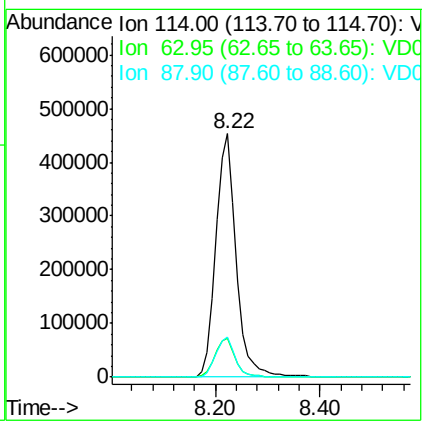


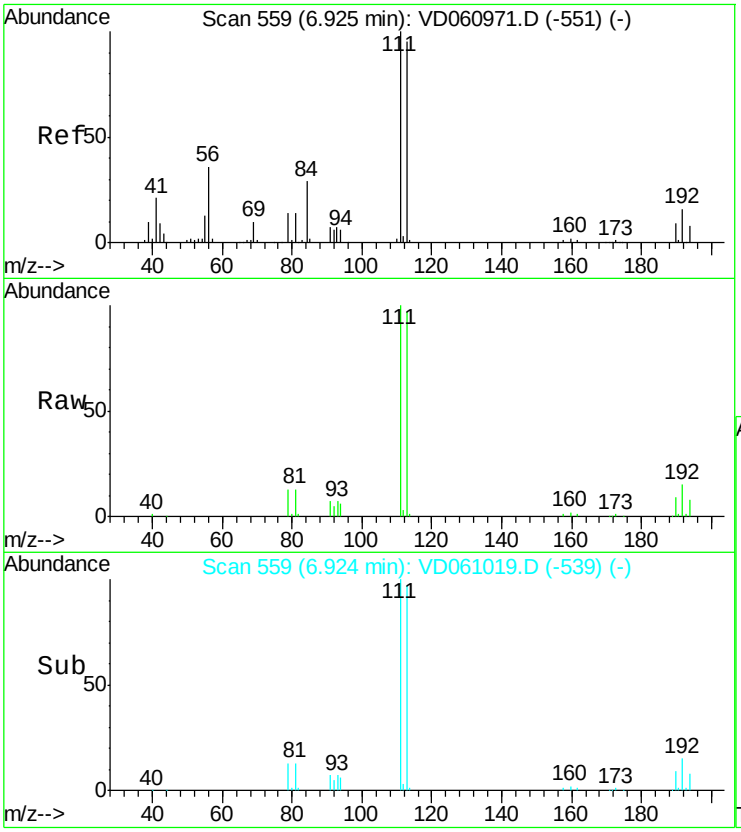




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 691
Delta R.T. 0.01 min
Lab File: VD061019.D
Acq: 12 Mar 2019 12:46

Tgt Ion:114 Resp: 1223615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 15.7 | 0.0 | 31.4 |
| 88 | 16.5 | 0.0 | 33.0 |



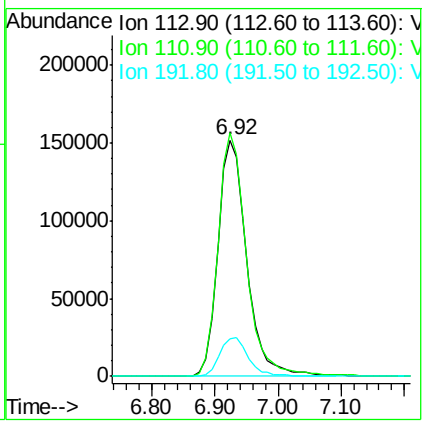


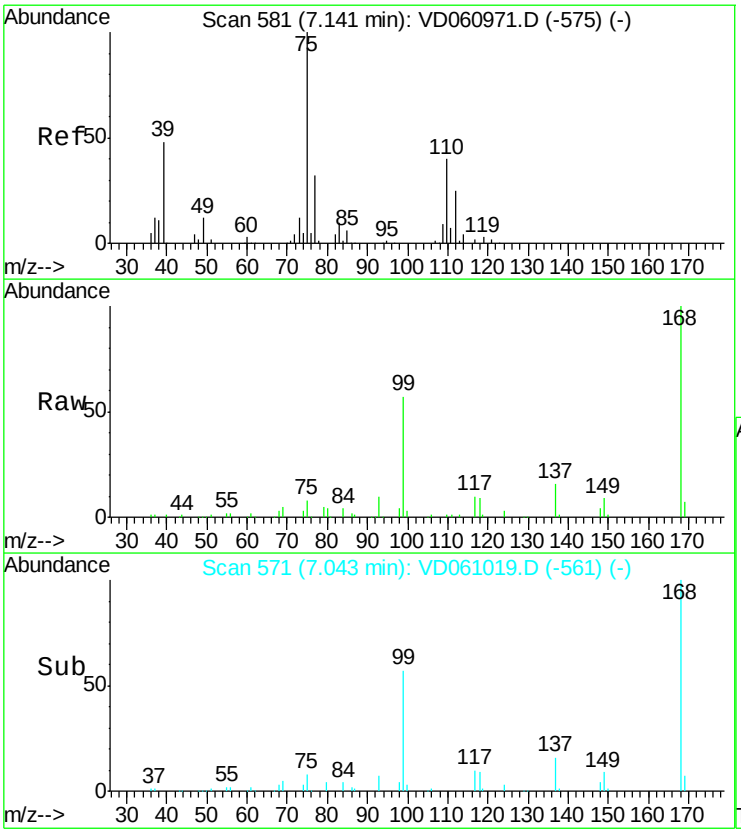

#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.92 min Scan# 559
Delta R.T. -0.00 min
Lab File: VD061019.D
Acq: 12 Mar 2019 12:46

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0312SBL01

Tgt Ion:113 Resp: 481877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.0 | 84.2 | 126.4 |
| 192 | 15.8 | 13.1 | 19.7 |

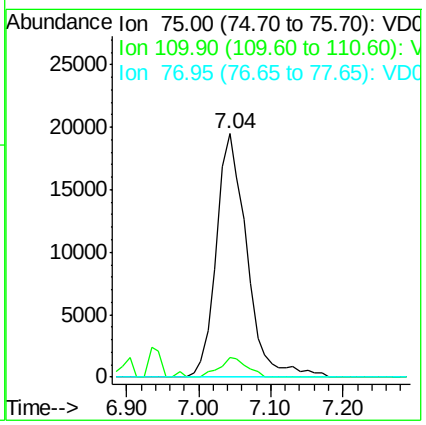


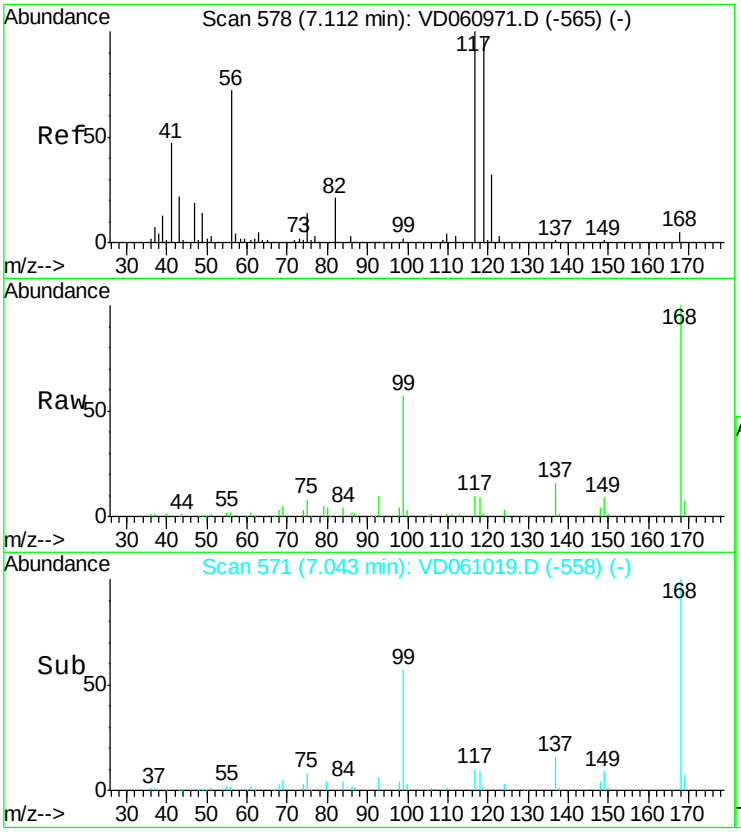




#36
1,1-Dichloropropene
Concen: 5.402 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.10 min
Lab File: VD061019.D
Acq: 12 Mar 2019 12:46

Tgt Ion: 75 Resp: 56980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 8.1 | 19.7 | 59.1# |
| 77 | 0.0 | 24.7 | 37.1# |



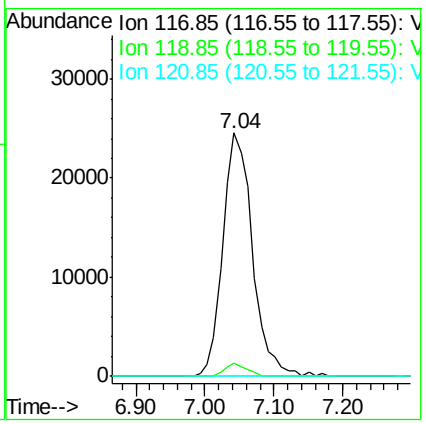


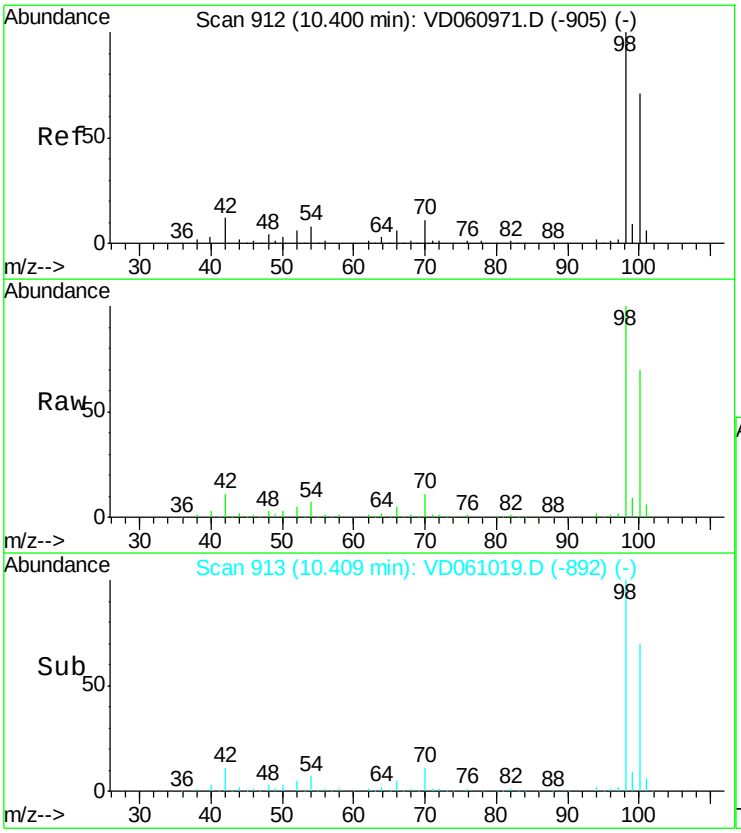

#38
Carbon Tetrachloride
Concen: 6.307 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.07 min
Lab File: VD061019.D
Acq: 12 Mar 2019 12:46

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0312SBL01

Tgt Ion:117 Resp: 73281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.6 | 77.8 | 116.8# |
| 121 | 0.0 | 25.3 | 37.9# |

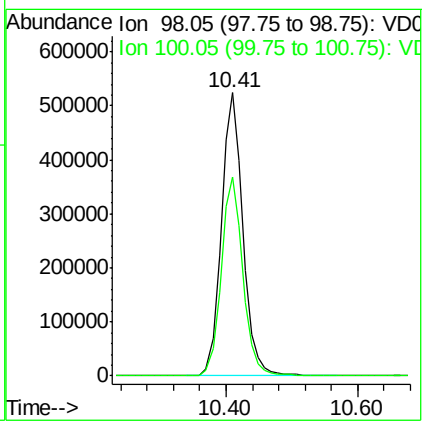


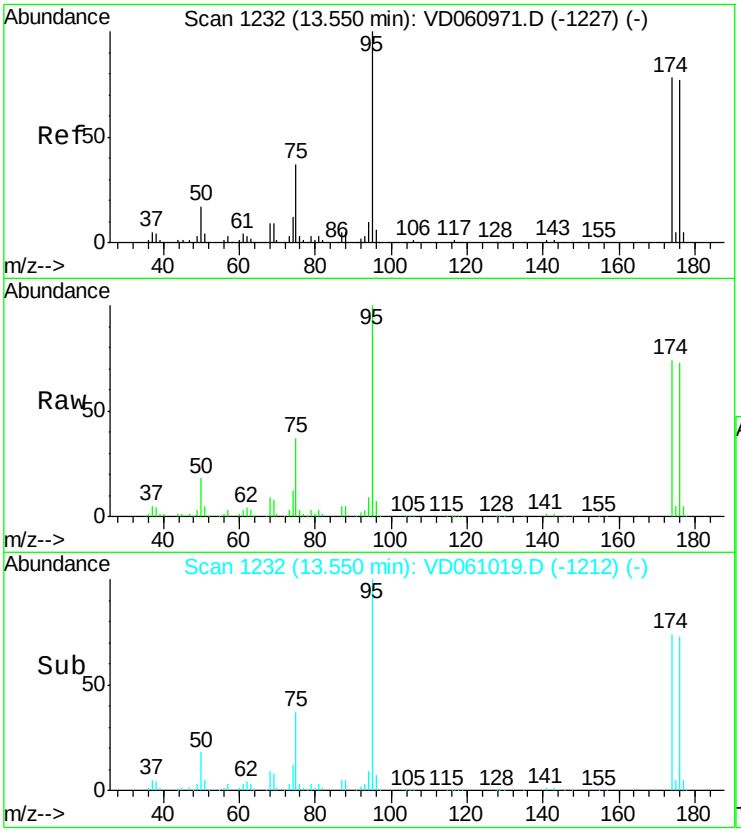




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD061019.D
Acq: 12 Mar 2019 12:46

Tgt Ion: 98 Resp: 1193873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 70.4 | 57.4 | 86.2 |



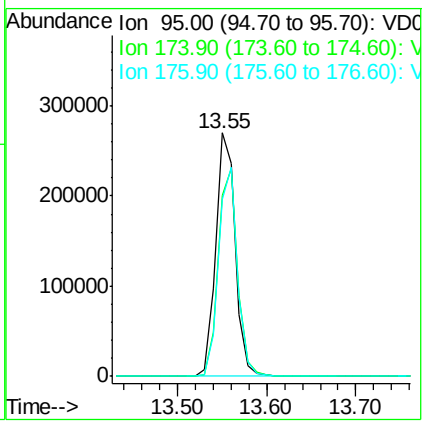


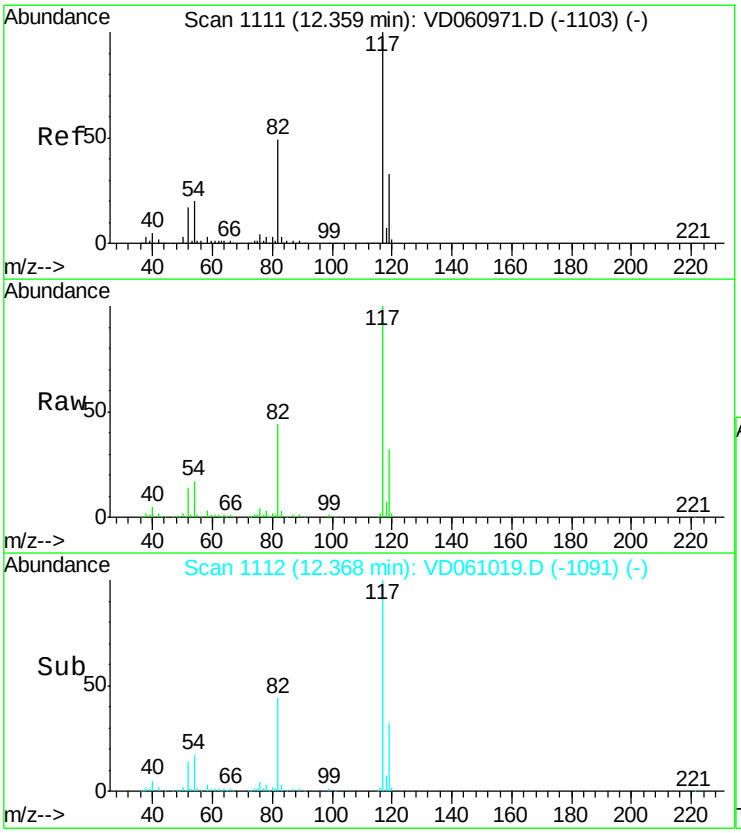

#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD061019.D
Acq: 12 Mar 2019 12:46

**Instrument :** MSVOA_D
**ClientSampleId :** VD0312SBL01

Tgt Ion: 95 Resp: 413047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 74.4 | 0.0 | 155.6 |
| 176 | 72.7 | 0.0 | 153.8 |

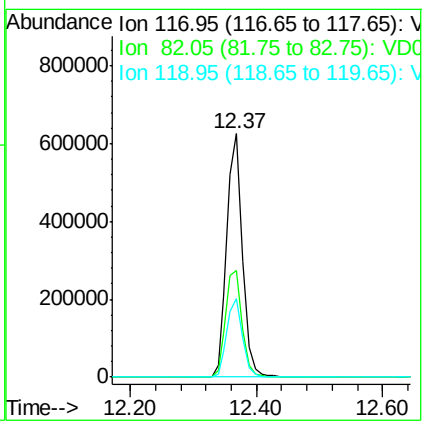


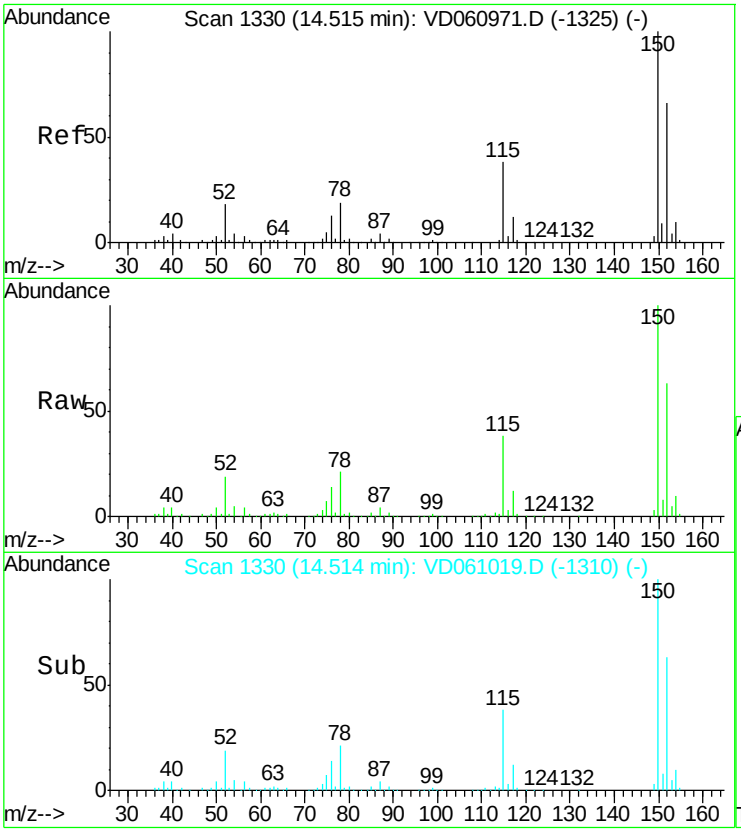




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061019.D
Acq: 12 Mar 2019 12:46

Tgt Ion:117 Resp: 1068466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 43.7 | 38.9 | 58.3 |
| 119 | 32.3 | 26.6 | 39.8 |



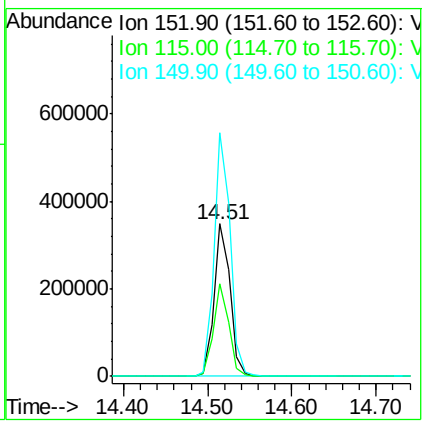


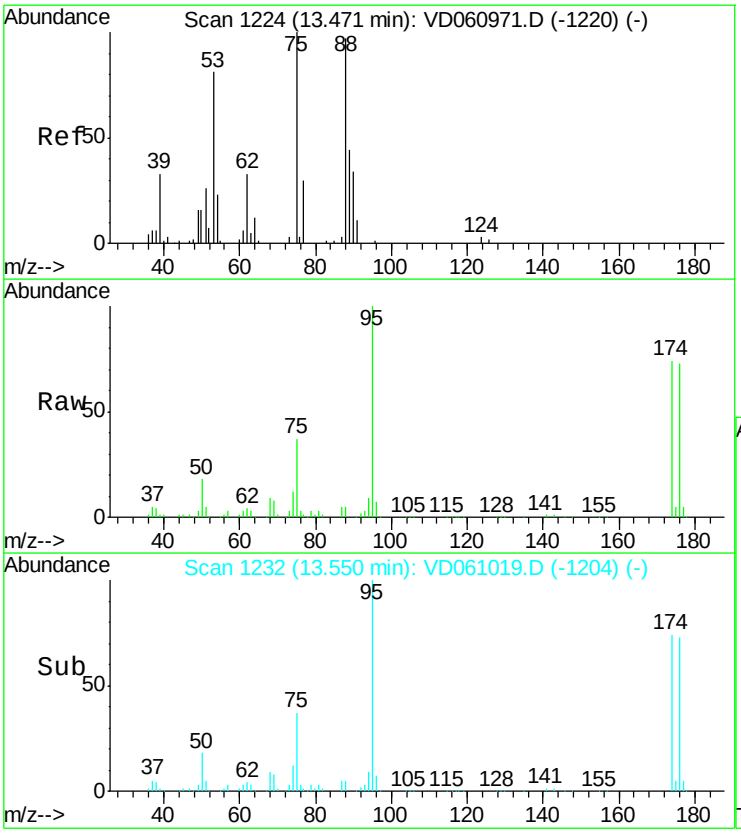

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061019.D
Acq: 12 Mar 2019 12:46

**Instrument :** MSVOA_D
**ClientSampleId :** VD0312SBL01

Tgt Ion:152 Resp: 458257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.7 | 28.6 | 85.9 |
| 150 | 159.7 | 0.0 | 310.6 |




#81
trans-1,4-Dichloro-2-butene
Concen: 76.726 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD061019.D
Acq: 12 Mar 2019 12:46

Tgt Ion: 75 Resp: 149133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 64.4 | 96.6# |
| 89 | 0.0 | 34.8 | 52.2# |