Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111218\
Data File : VD060334.D
Acq On : 12 Nov 2018 13:40
Operator : JC/SY
Sample : J5889-04
Misc : 10.62g/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** WALL-D

Quant Time: Nov 13 00:39:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 6.39 | 168 | 59665 | 50.00 | ug/l | -0.04 |
| 34) 1,4-Difluorobenzene | 7.42 | 114 | 122690 | 50.00 | ug/l | -0.04 |
| 63) Chlorobenzene-d5 | 11.27 | 117 | 113687 | 50.00 | ug/l | -0.03 |
| 72) 1,4-Dichlorobenzene-d4 | 13.36 | 152 | 52346 | 50.00 | ug/l | -0.03 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.76 | 65 | 69776 | 163.33 | ug/l | -0.04 |
| Spiked Amount 50.000 | | | Recovery = 326.66% | | | |
| 35) Dibromofluoromethane | 6.30 | 113 | 66954 | 73.18 | ug/l | -0.04 |
| Spiked Amount 50.000 | | | Recovery = 146.36% | | | |
| 50) Toluene-d8 | 9.44 | 98 | 150317 | 56.14 | ug/l | -0.03 |
| Spiked Amount 50.000 | | | Recovery = 112.28% | | | |
| 62) 4-Bromofluorobenzene | 12.41 | 95 | 57677 | 59.45 | ug/l | -0.03 |
| Spiked Amount 50.000 | | | Recovery = 118.90% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Bromomethane | 2.16 | 94 | 210 | 1.918 | ug/l # | 2 |
| 13) Acrolein | 2.92 | 56 | 208 | 10.034 | ug/l # | 14 |
| 14) Allyl chloride | 3.51 | 41 | 1355 | 2.432 | ug/l # | 21 |
| 16) Acetone | 3.14 | 43 | 4874 | 65.772 | ug/l # | 55 |
| 18) Methyl Acetate | 3.52 | 43 | 2998 | 18.974 | ug/l # | 63 |
| 20) Methylene Chloride | 3.71 | 84 | 8314 | 12.647 | ug/l | 90 |
| 25) 2-Butanone | 5.66 | 43 | 371 | 2.409 | ug/l # | 60 |
| 36) 1,1-Dichloropropene | 6.38 | 75 | 3433 | 2.832 | ug/l # | 41 |
| 38) Carbon Tetrachloride | 6.38 | 117 | 4527 | 4.026 | ug/l # | 12 |
| 51) 4-Methyl-2-Pentanone | 9.42 | 43 | 970 | 2.127 | ug/l # | 1 |
| 81) trans-1,4-Dichloro-2-buten | 12.41 | 75 | 25718 | 144.262 | ug/l # | 15 |
| 89) n-Butylbenzene | 13.63 | 91 | 185 | Below Cal | # | 29 |

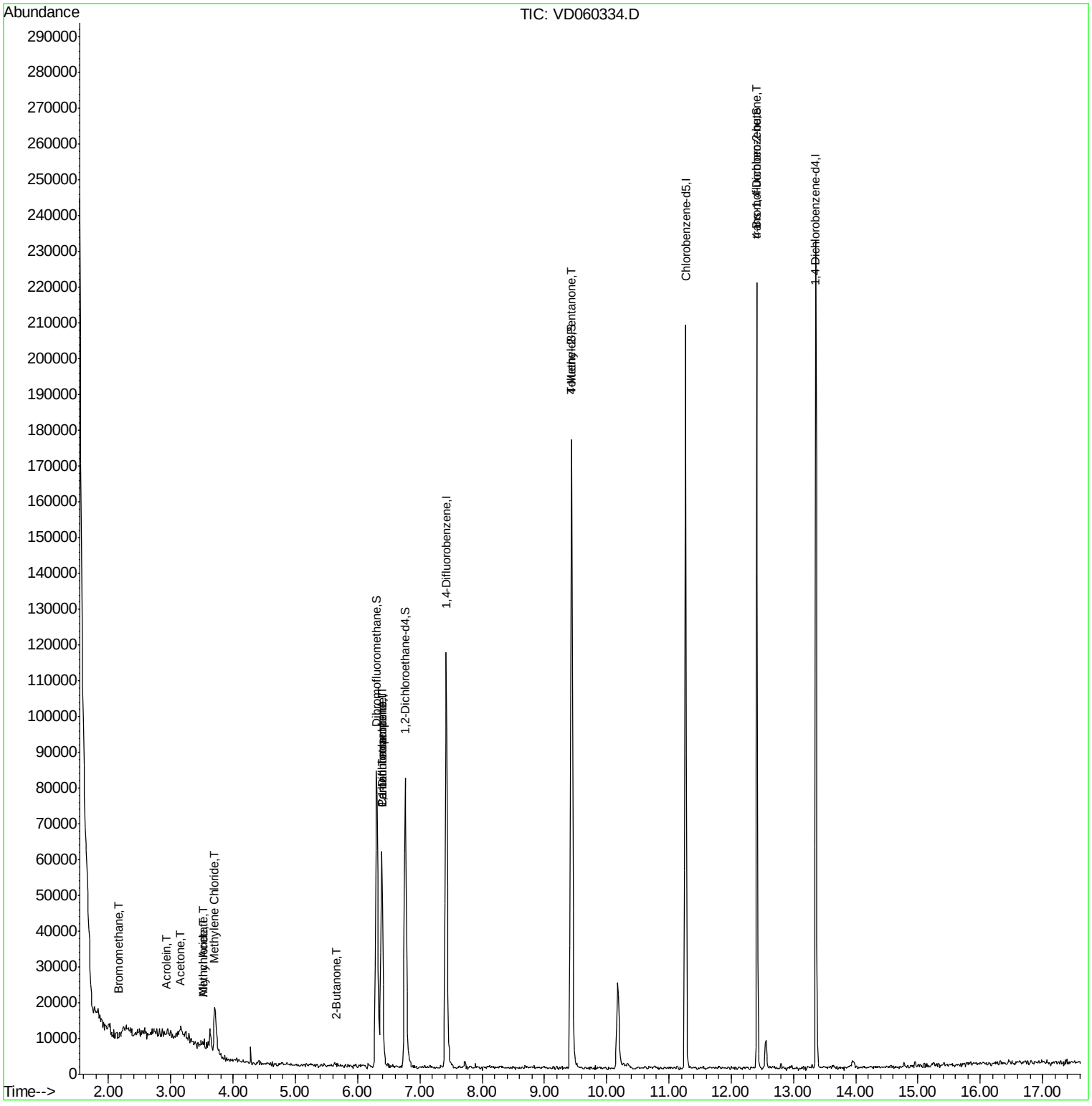
(#) = qualifier out of range (m) = manual integration (+) = signals summed

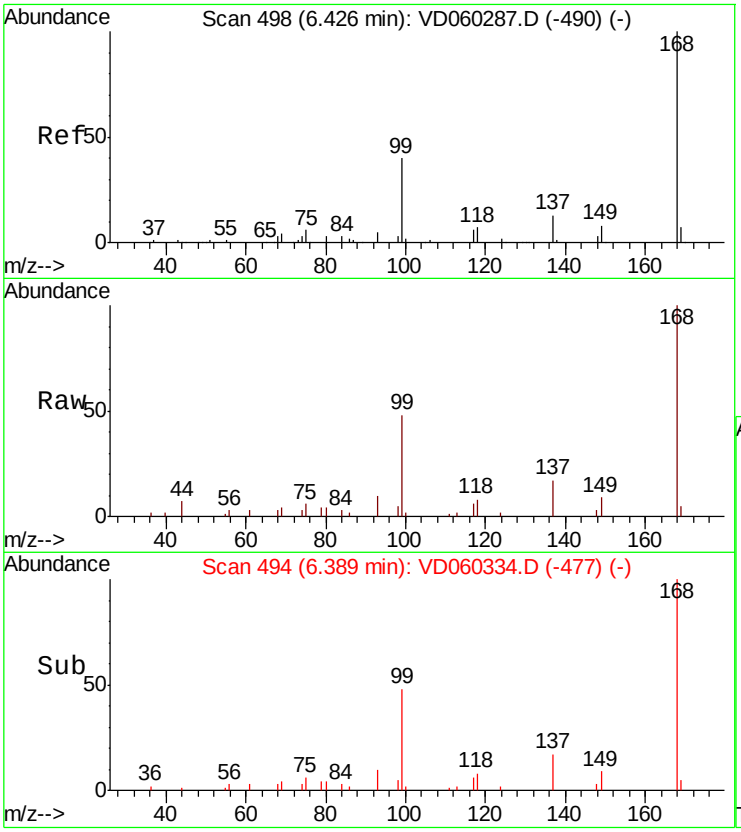
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111218\
Data File : VD060334.D
Acq On : 12 Nov 2018 13:40
Operator : JC/SY
Sample : J5889-04
Misc : 10.62g/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
WALL-D

Quant Time: Nov 13 00:39:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration



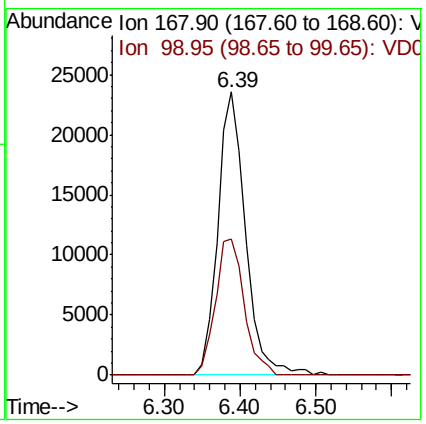


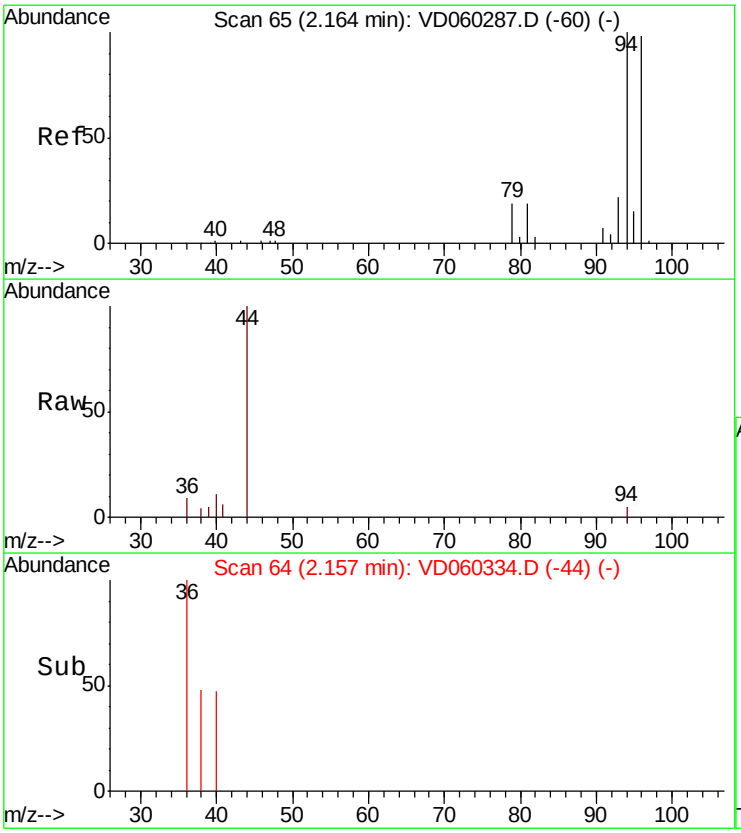

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.39 min Scan# 494
Delta R.T. -0.04 min
Lab File: VD060334.D
Acq: 12 Nov 2018 13:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
WALL-D

Tgt Ion:168 Resp: 59665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 48.0 | 39.8 | 59.8 |

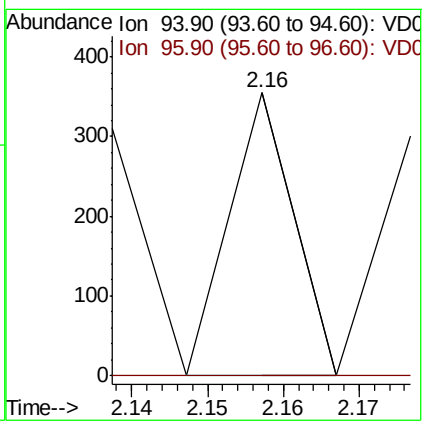


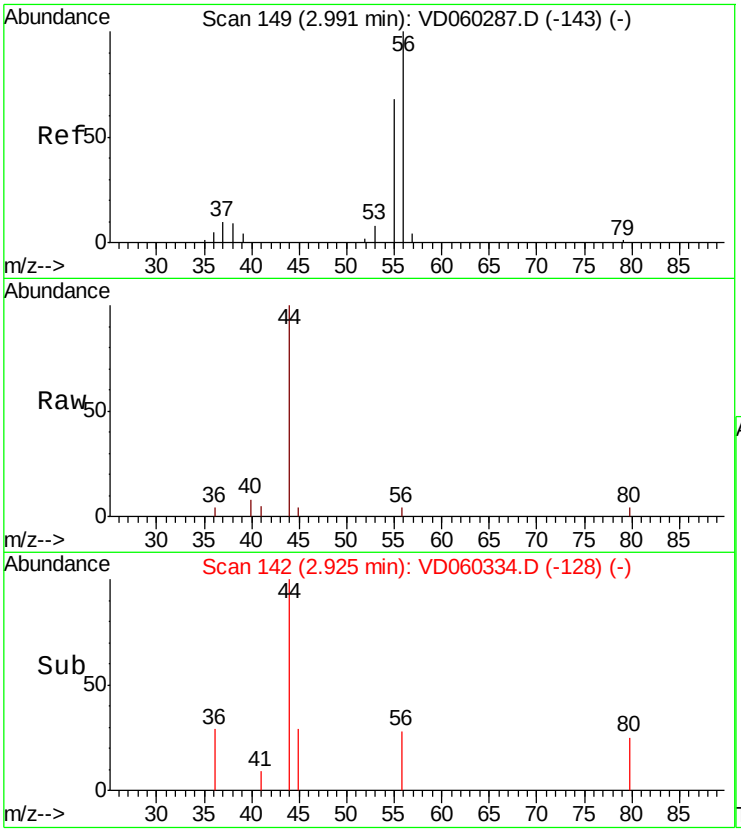




#5
Bromomethane
Concen: 1.918 ug/l
RT: 2.16 min Scan# 64
Delta R.T. -0.01 min
Lab File: VD060334.D
Acq: 12 Nov 2018 13:40

Tgt Ion: 94 Resp: 210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 0.0 | 76.6 | 114.8# |



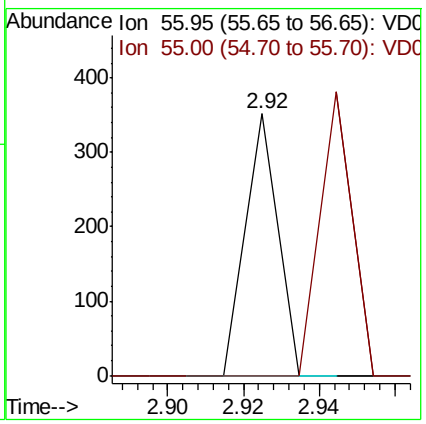


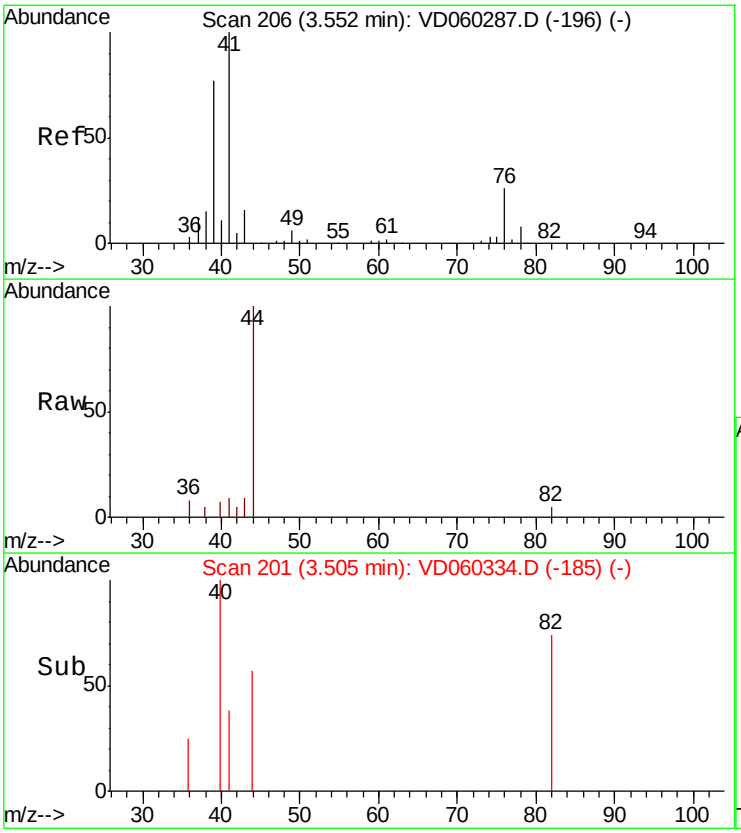

#13
Acrolein
Concen: 10.034 ug/l
RT: 2.92 min Scan# 142
Delta R.T. -0.07 min
Lab File: VD060334.D
Acq: 12 Nov 2018 13:40

**Instrument :** MSVOA_D
**ClientSampleId :** WALL-D

Tgt Ion: 56 Resp: 208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 0.0 | 57.0 | 85.6# |

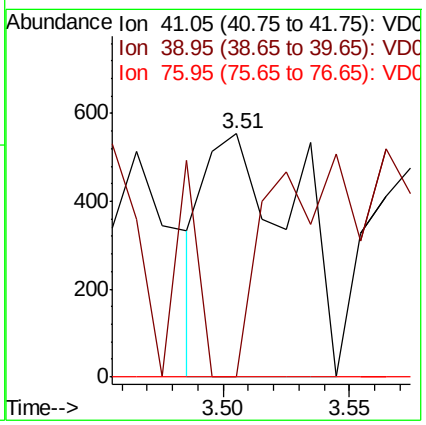


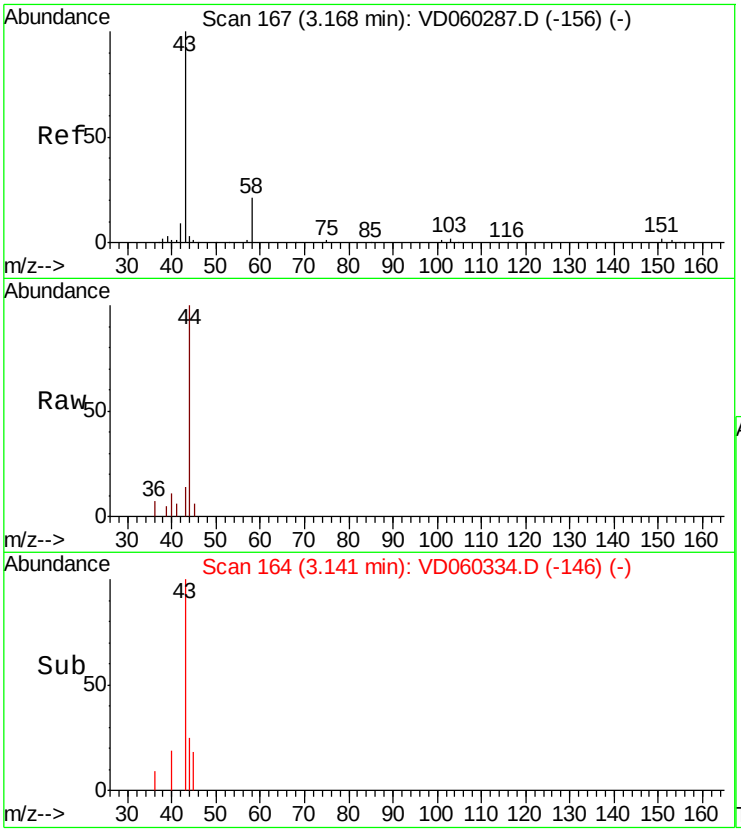




#14
Allyl chloride
Concen: 2.432 ug/l
RT: 3.51 min Scan# 201
Delta R.T. -0.05 min
Lab File: VD060334.D
Acq: 12 Nov 2018 13:40

Tgt Ion: 41 Resp: 1355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 0.0 | 60.4 | 90.6# |
| 76 | 0.0 | 21.8 | 32.8# |



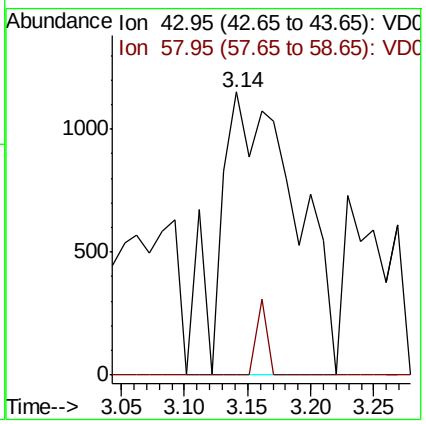


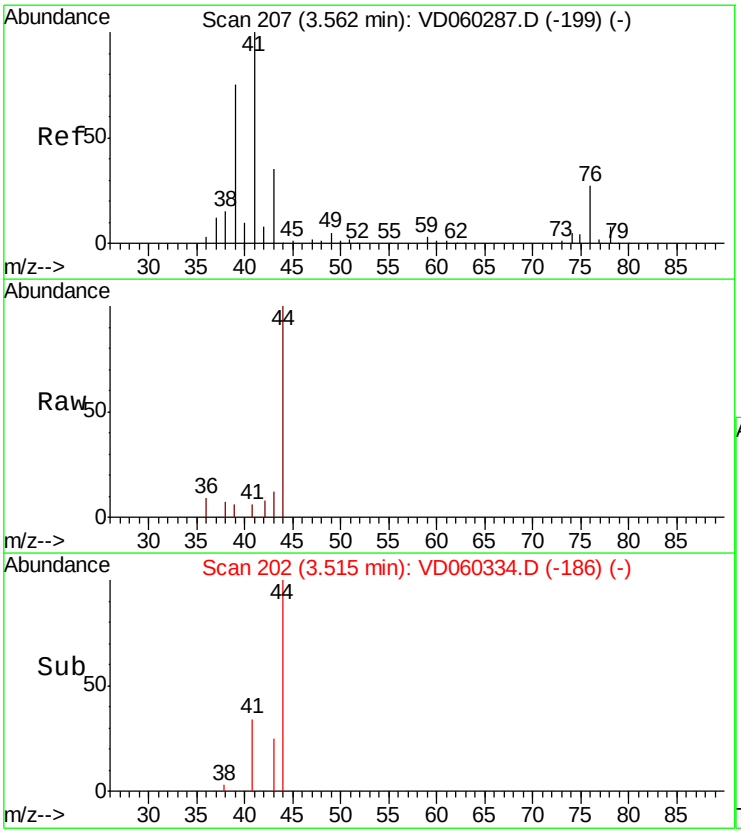

#16
Acetone
Concen: 65.772 ug/l
RT: 3.14 min Scan# 164
Delta R.T. -0.03 min
Lab File: VD060334.D
Acq: 12 Nov 2018 13:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
WALL-D

Tgt Ion: 43 Resp: 4874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 16.9 | 25.3# |

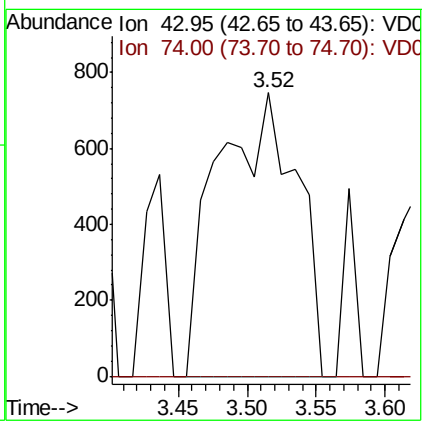


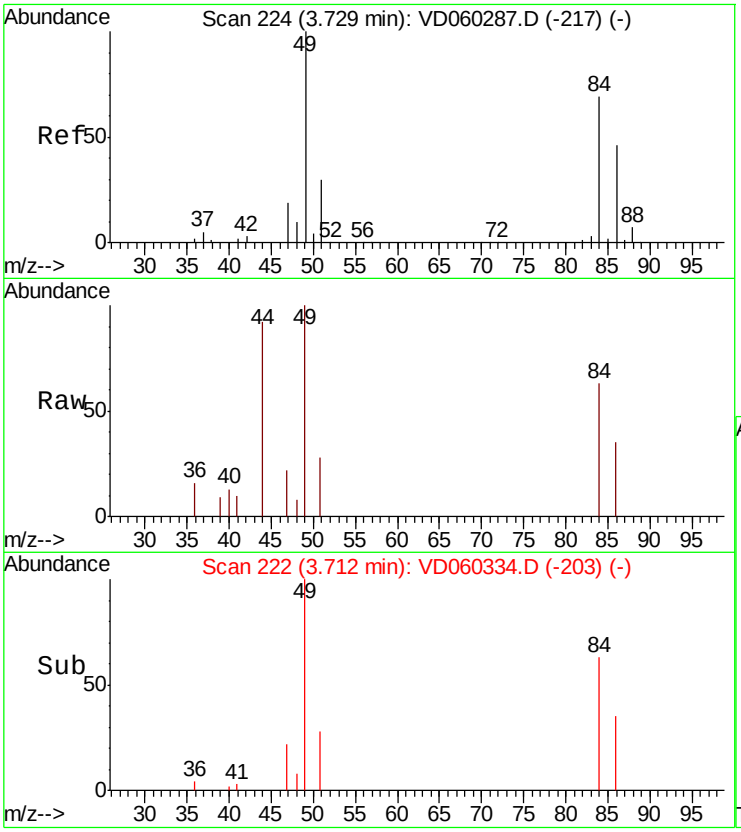




#18
Methyl Acetate
Concen: 18.974 ug/l
RT: 3.52 min Scan# 202
Delta R.T. -0.05 min
Lab File: VD060334.D
Acq: 12 Nov 2018 13:40

Tgt Ion: 43 Resp: 2998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 12.4 | 18.6# |



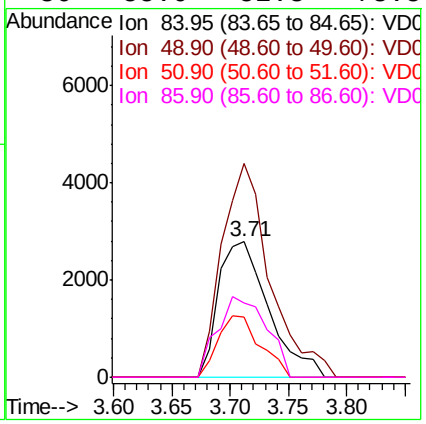


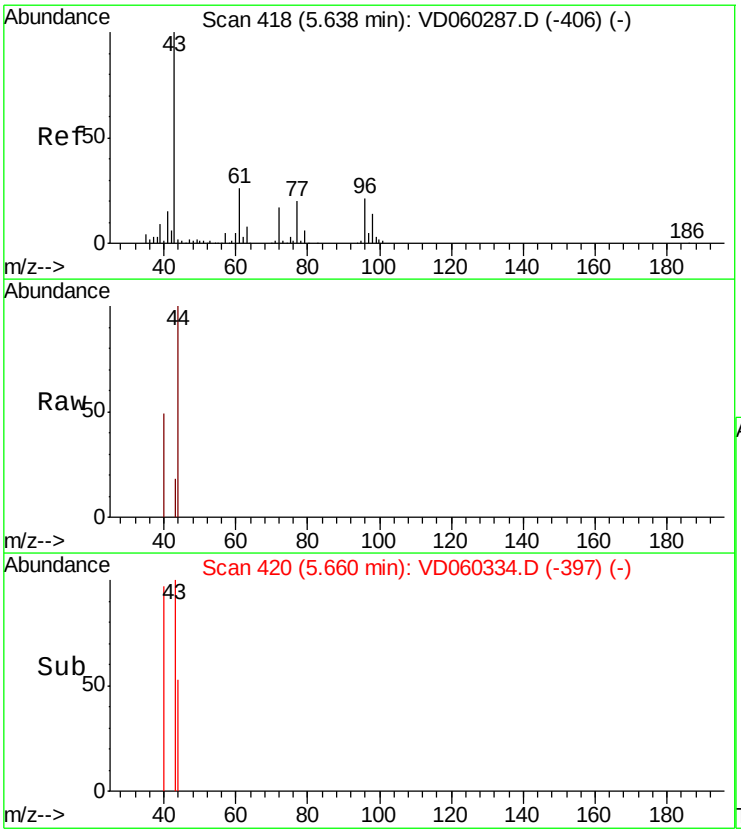

#20
Methylene Chloride
Concen: 12.647 ug/l
RT: 3.71 min Scan# 222
Delta R.T. -0.02 min
Lab File: VD060334.D
Acq: 12 Nov 2018 13:40

**Instrument :** MSVOA_D
**ClientSampleId :** WALL-D

Tgt Ion: 84 Resp: 8314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 158.1 | 115.6 | 173.4 |
| 51 | 45.0 | 35.6 | 53.4 |
| 86 | 55.0 | 52.3 | 78.5 |

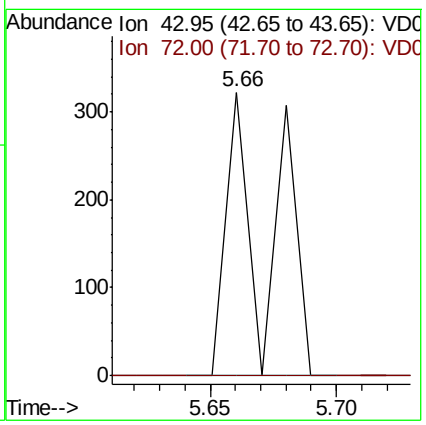


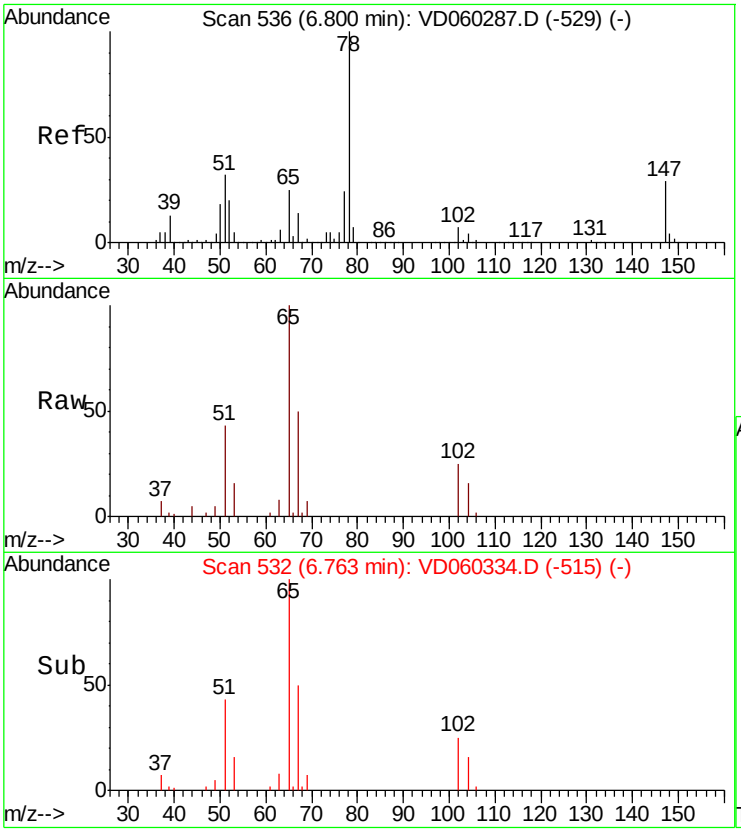




#25
2-Butanone
Concen: 2.409 ug/l
RT: 5.66 min Scan# 420
Delta R.T. 0.02 min
Lab File: VD060334.D
Acq: 12 Nov 2018 13:40

Tgt Ion: 43 Resp: 371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 13.8 | 20.8# |



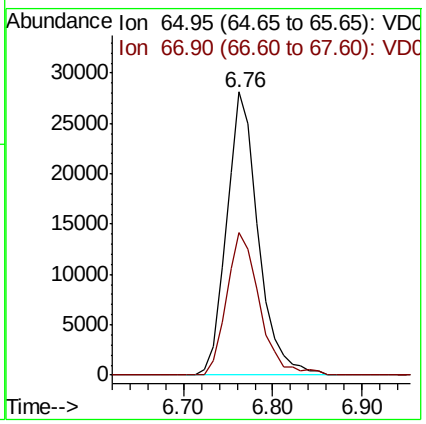


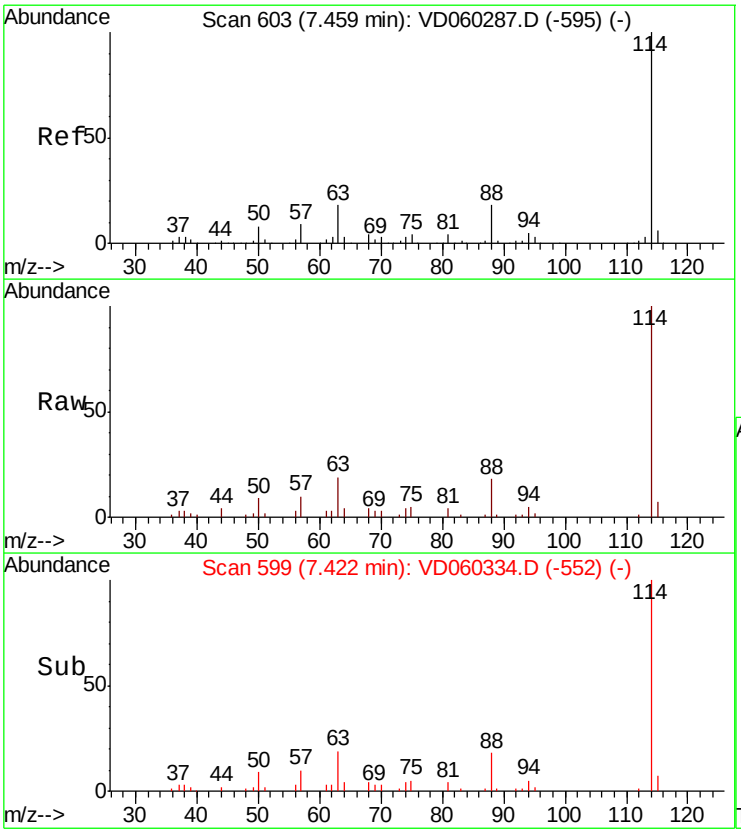

#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 532
Delta R.T. -0.04 min
Lab File: VD060334.D
Acq: 12 Nov 2018 13:40

**Instrument :** MSVOA_D
**ClientSampleId :** WALL-D

Tgt Ion: 65 Resp: 69776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.4 | 0.0 | 109.8 |

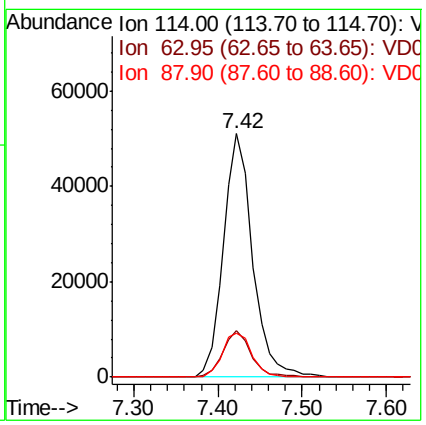


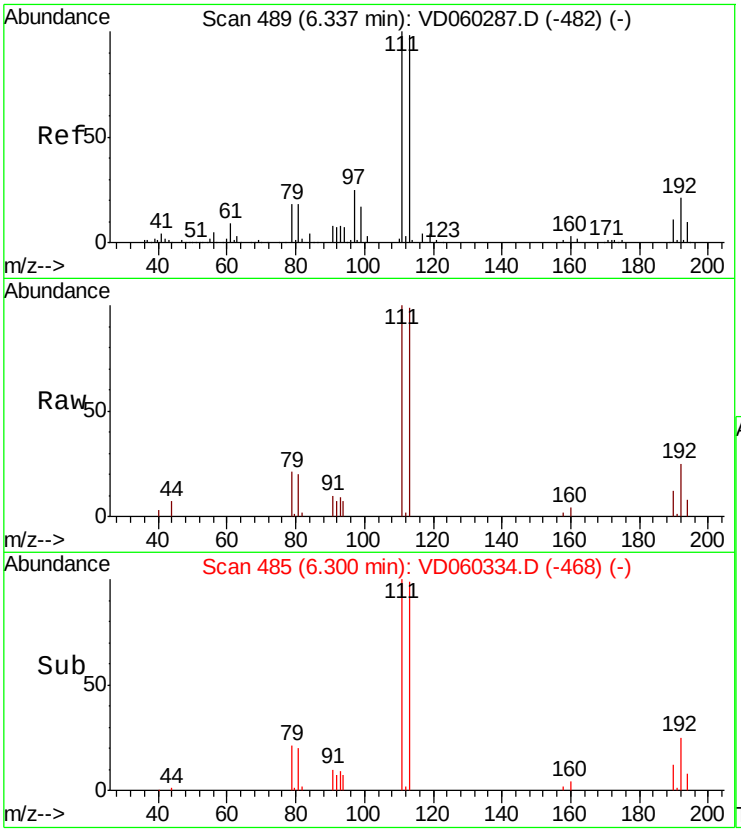




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.42 min Scan# 599
Delta R.T. -0.04 min
Lab File: VD060334.D
Acq: 12 Nov 2018 13:40

Tgt Ion:114 Resp: 122690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.3 | 0.0 | 34.0 |
| 88 | 18.1 | 0.0 | 35.4 |



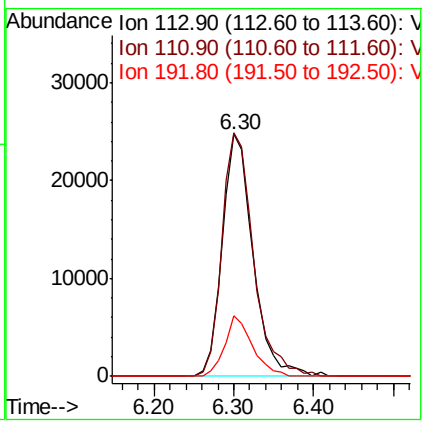


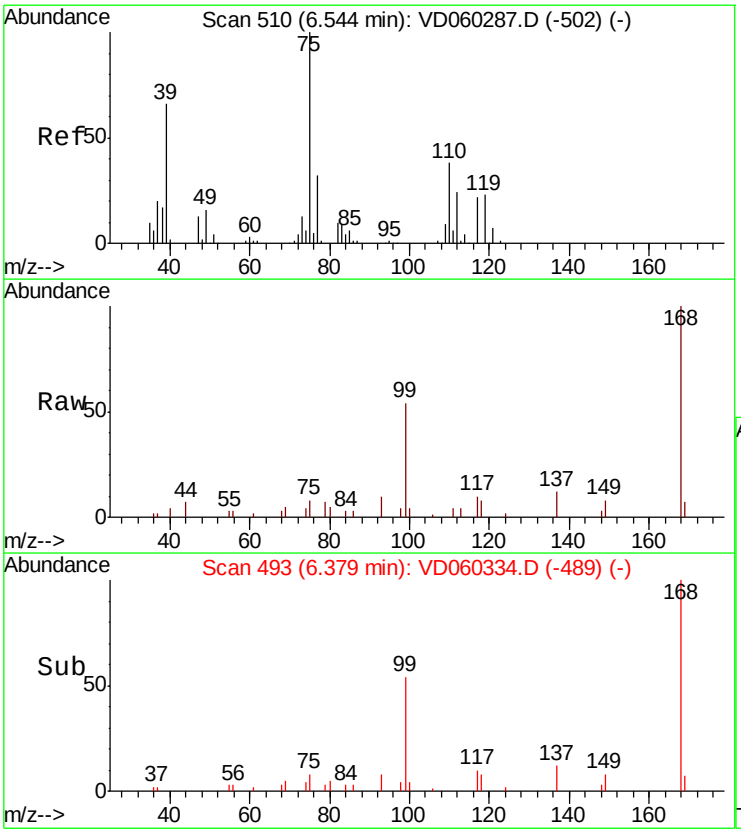

#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.30 min Scan# 485
Delta R.T. -0.04 min
Lab File: VD060334.D
Acq: 12 Nov 2018 13:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
WALL-D

Tgt Ion:113 Resp: 66954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 100.5 | 81.6 | 122.4 |
| 192 | 24.8 | 16.5 | 24.7# |

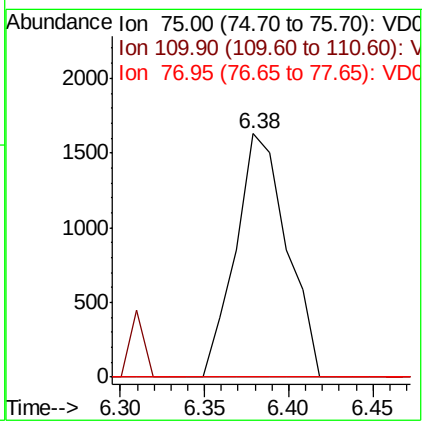


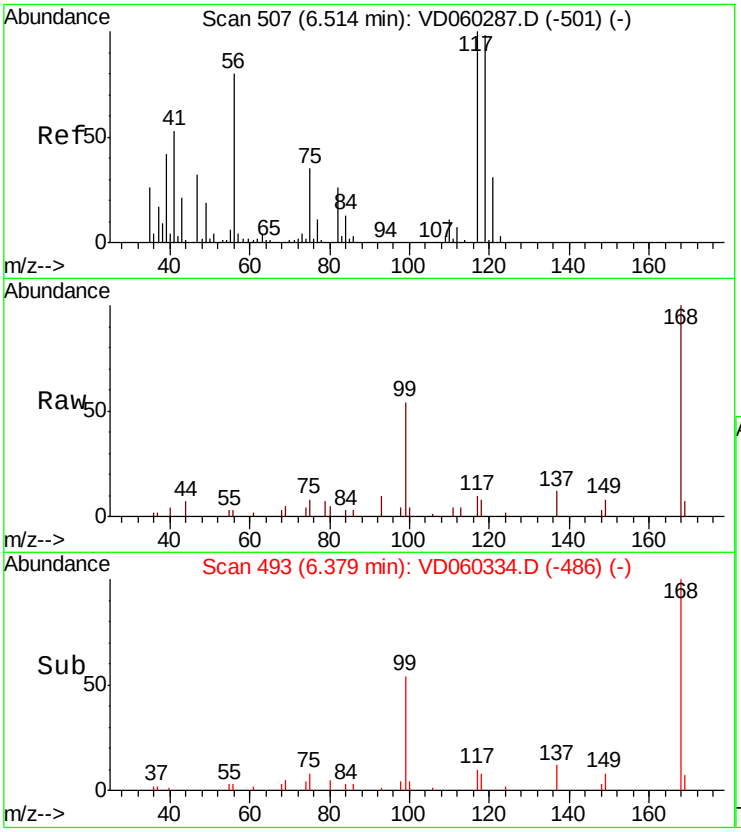




#36
1,1-Dichloropropene
Concen: 2.832 ug/l
RT: 6.38 min Scan# 493
Delta R.T. -0.16 min
Lab File: VD060334.D
Acq: 12 Nov 2018 13:40

Tgt Ion: 75 Resp: 3433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 0.0 | 18.0 | 54.0# |
| 77 | 0.0 | 25.6 | 38.4# |



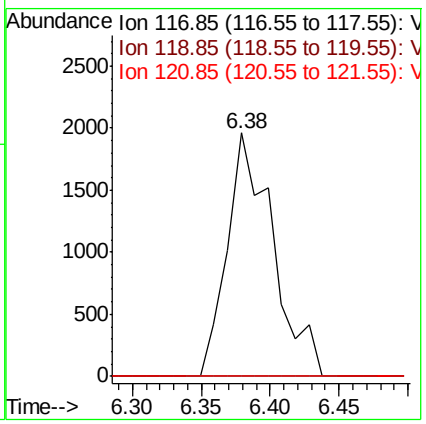


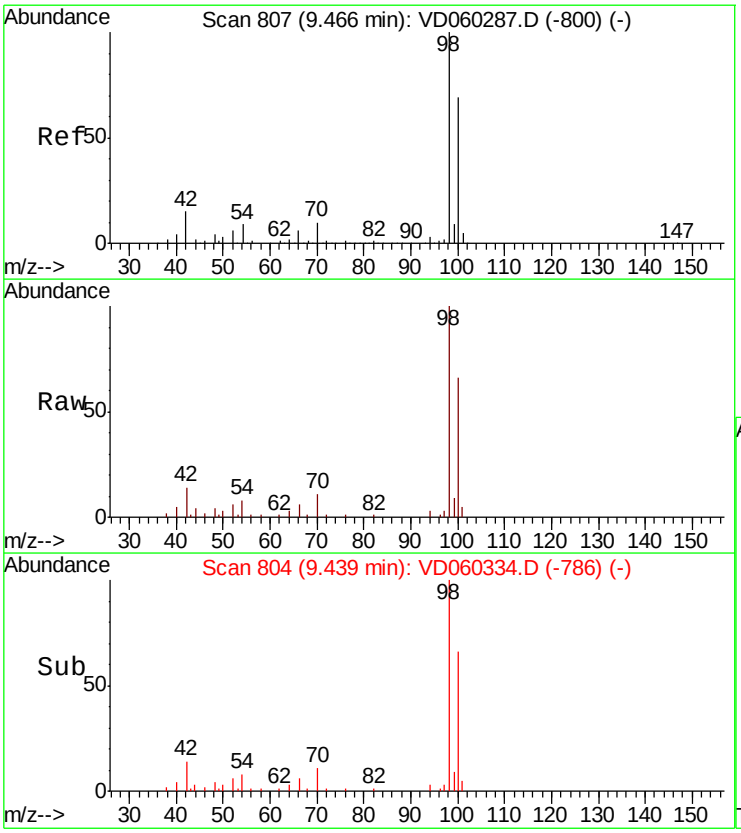

#38
Carbon Tetrachloride
Concen: 4.026 ug/l
RT: 6.38 min Scan# 493
Delta R.T. -0.14 min
Lab File: VD060334.D
Acq: 12 Nov 2018 13:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
WALL-D

Tgt Ion:117 Resp: 4527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 0.0 | 76.6 | 115.0# |
| 121 | 0.0 | 24.3 | 36.5# |

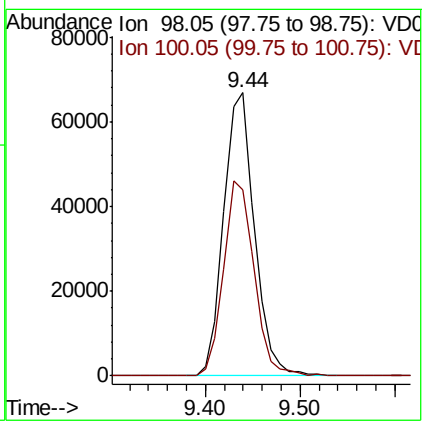


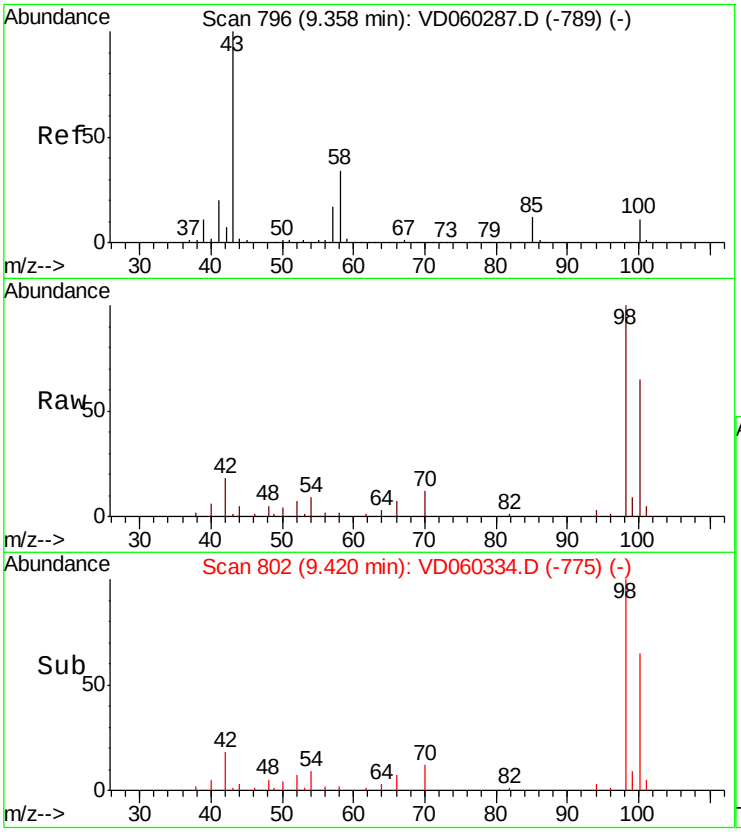




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 804
Delta R.T. -0.03 min
Lab File: VD060334.D
Acq: 12 Nov 2018 13:40

Tgt Ion: 98 Resp: 150317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.6 | 55.2 | 82.8 |



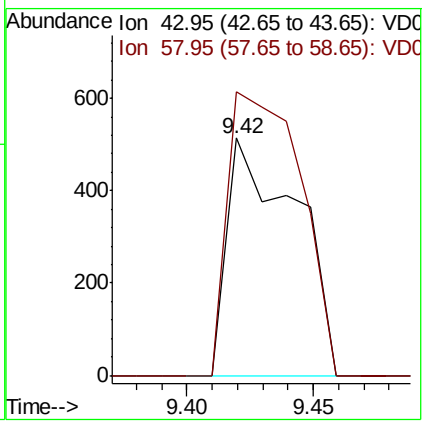


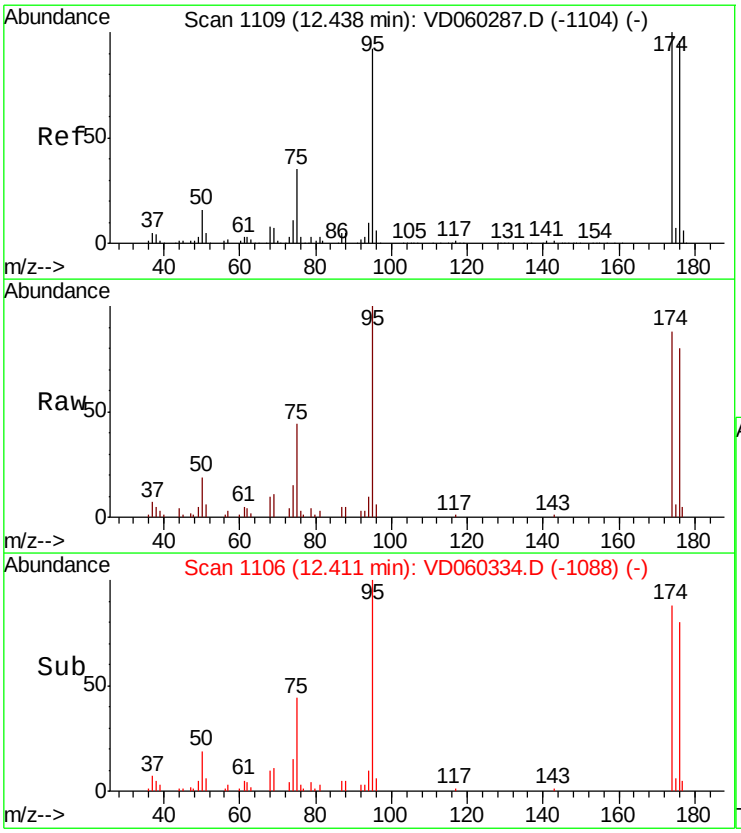

#51
4-Methyl-2-Pentanone
Concen: 2.127 ug/l
RT: 9.42 min Scan# 802
Delta R.T. 0.06 min
Lab File: VD060334.D
Acq: 12 Nov 2018 13:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
WALL-D

Tgt Ion: 43 Resp: 970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 119.3 | 26.1 | 39.1# |

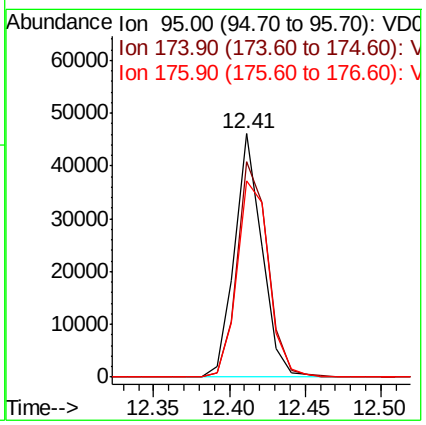


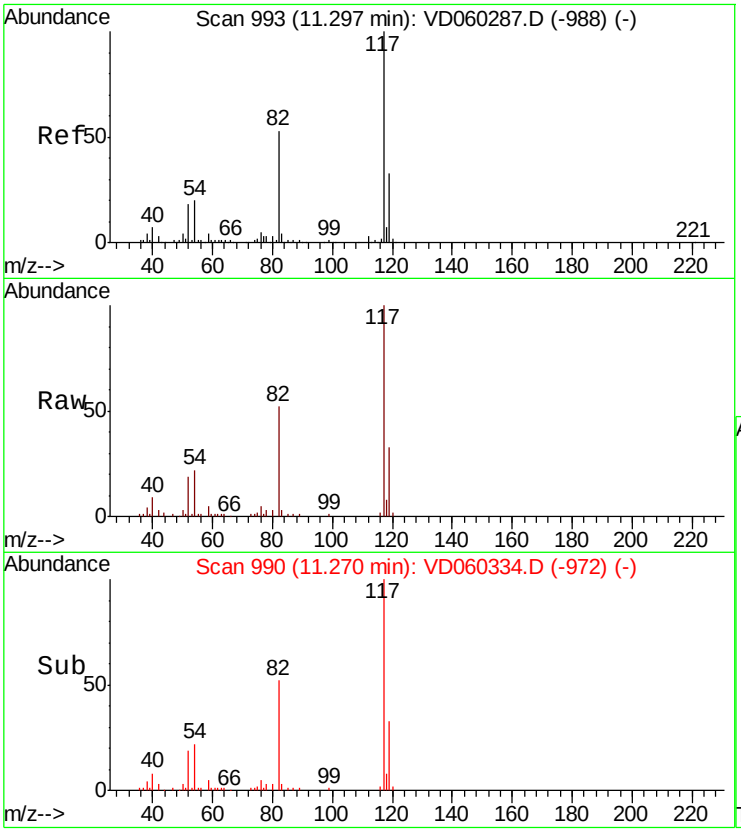




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1106
Delta R.T. -0.03 min
Lab File: VD060334.D
Acq: 12 Nov 2018 13:40

Tgt Ion: 95 Resp: 57677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 88.4 | 0.0 | 160.8 |
| 176 | 80.4 | 0.0 | 154.6 |



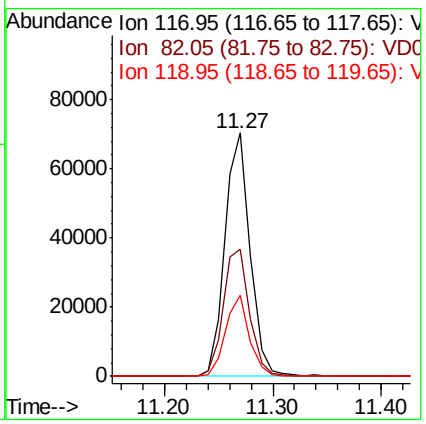


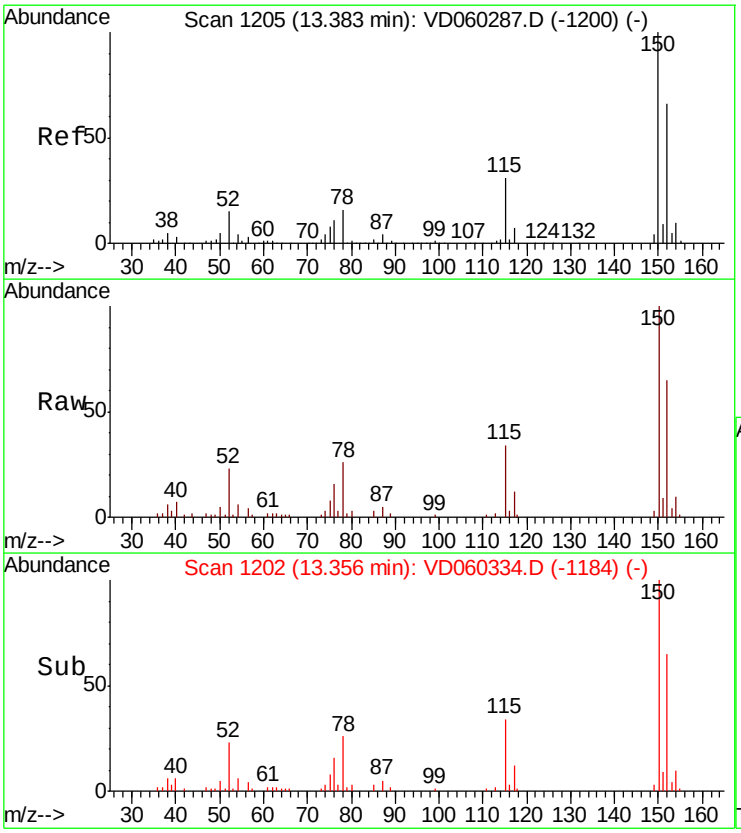

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.03 min
Lab File: VD060334.D
Acq: 12 Nov 2018 13:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
WALL-D

Tgt Ion:117 Resp: 113687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 52.4 | 43.7 | 65.5 |
| 119 | 33.5 | 26.1 | 39.1 |

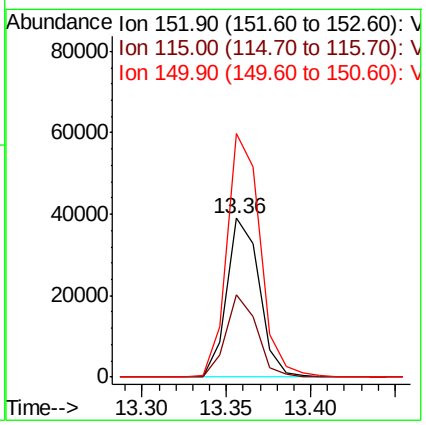


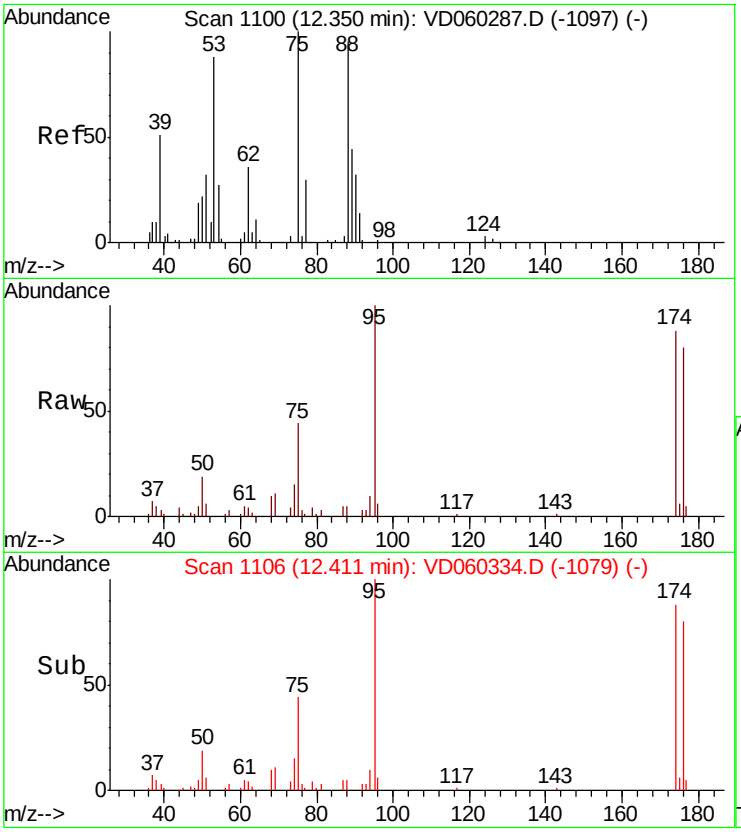




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1202
Delta R.T. -0.03 min
Lab File: VD060334.D
Acq: 12 Nov 2018 13:40

Tgt Ion:152 Resp: 52346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 52.1 | 24.1 | 72.3 |
| 150 | 153.2 | 0.0 | 310.6 |






#81
trans-1,4-Dichloro-2-butene
Concen: 144.262 ug/l
RT: 12.41 min Scan# 1106
Delta R.T. 0.06 min
Lab File: VD060334.D
Acq: 12 Nov 2018 13:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
WALL-D

Tgt Ion: 75 Resp: 25718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 68.6 | 103.0# |
| 89 | 0.0 | 34.1 | 51.1# |