Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041619\
Data File : VD061814.D
Acq On : 16 Apr 2019 16:35
Operator : VA/AP
Sample : K2358-06
Misc : 5.48g/5ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** TP-9-S2

Quant Time: Apr 16 17:02:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.06 | 168 | 547546 | 50.00 | ug/l | -0.03 |
| 34) 1,4-Difluorobenzene | 8.23 | 114 | 998044 | 50.00 | ug/l | -0.03 |
| 63) Chlorobenzene-d5 | 12.38 | 117 | 834719 | 50.00 | ug/l | -0.02 |
| 72) 1,4-Dichlorobenzene-d4 | 14.53 | 152 | 309924 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 7.47 | 65 | 278618 | 60.71 | ug/l | -0.03 |
| Spiked Amount 50.000 | | | Recovery = 121.42% | | | |
| 35) Dibromofluoromethane | 6.94 | 113 | 443592 | 58.83 | ug/l | -0.04 |
| Spiked Amount 50.000 | | | Recovery = 117.66% | | | |
| 50) Toluene-d8 | 10.42 | 98 | 956789 | 53.55 | ug/l | -0.03 |
| Spiked Amount 50.000 | | | Recovery = 107.10% | | | |
| 62) 4-Bromofluorobenzene | 13.56 | 95 | 343078 | 47.38 | ug/l | -0.02 |
| Spiked Amount 50.000 | | | Recovery = 94.76% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Bromomethane | 2.14 | 94 | 243 | Below Cal | # | 12 |
| 16) Acetone | 3.24 | 43 | 14183 | 12.540 | ug/l | 94 |
| 20) Methylene Chloride | 3.83 | 84 | 82532 | 11.113 | ug/l | 96 |
| 31) Cyclohexane | 7.06 | 56 | 8854 | 1.274 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 7.06 | 75 | 39262 | 4.814 | ug/l # | 47 |
| 38) Carbon Tetrachloride | 7.06 | 117 | 52519 | 5.100 | ug/l # | 17 |
| 51) 4-Methyl-2-Pentanone | 10.42 | 43 | 3784 | 1.260 | ug/l # | 1 |
| 52) Toluene | 10.52 | 92 | 30260 | 2.412 | ug/l | 96 |
| 81) trans-1,4-Dichloro-2-buten | 13.56 | 75 | 129611 | 95.042 | ug/l # | 16 |

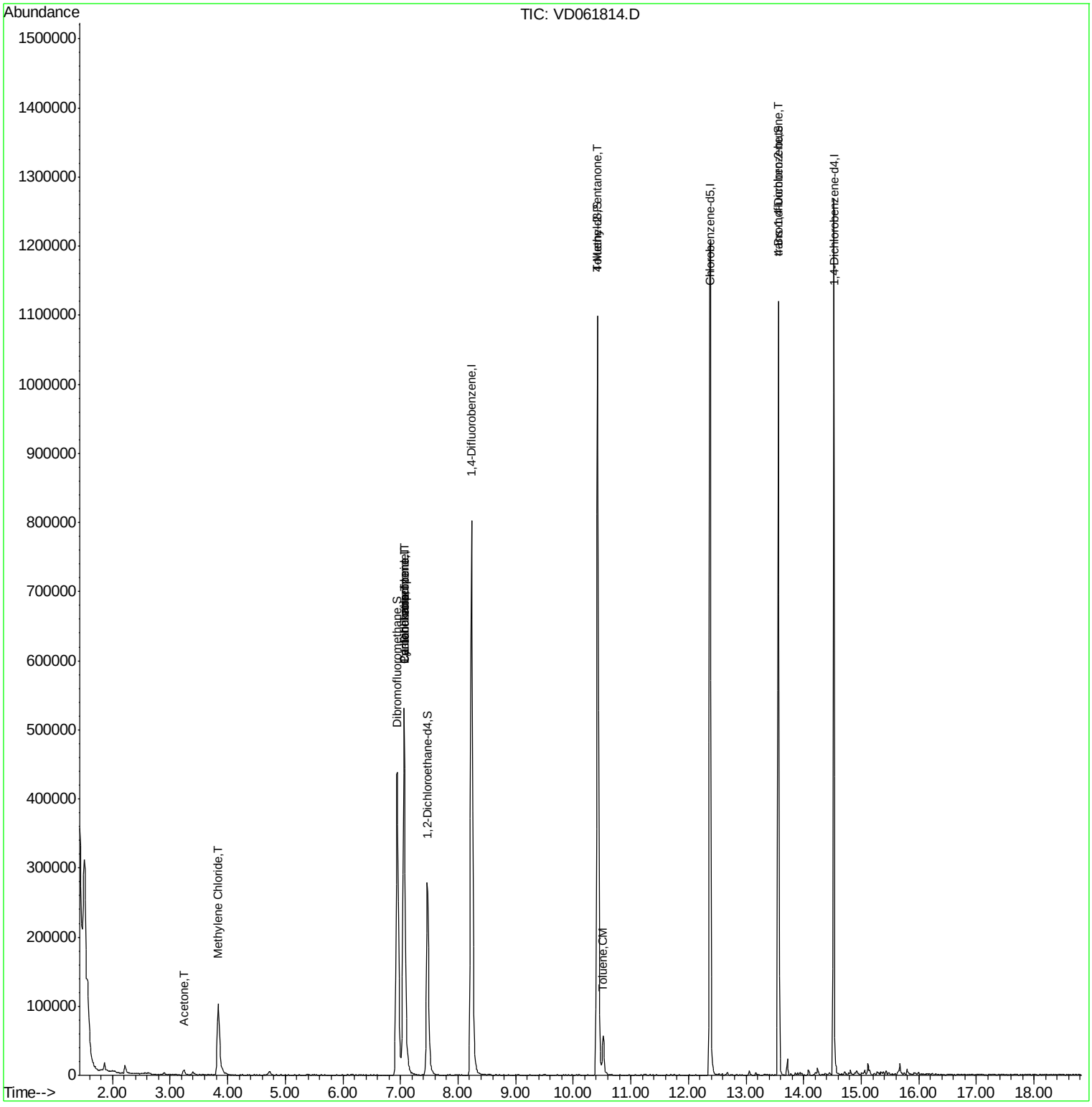
(#) = qualifier out of range (m) = manual integration (+) = signals summed

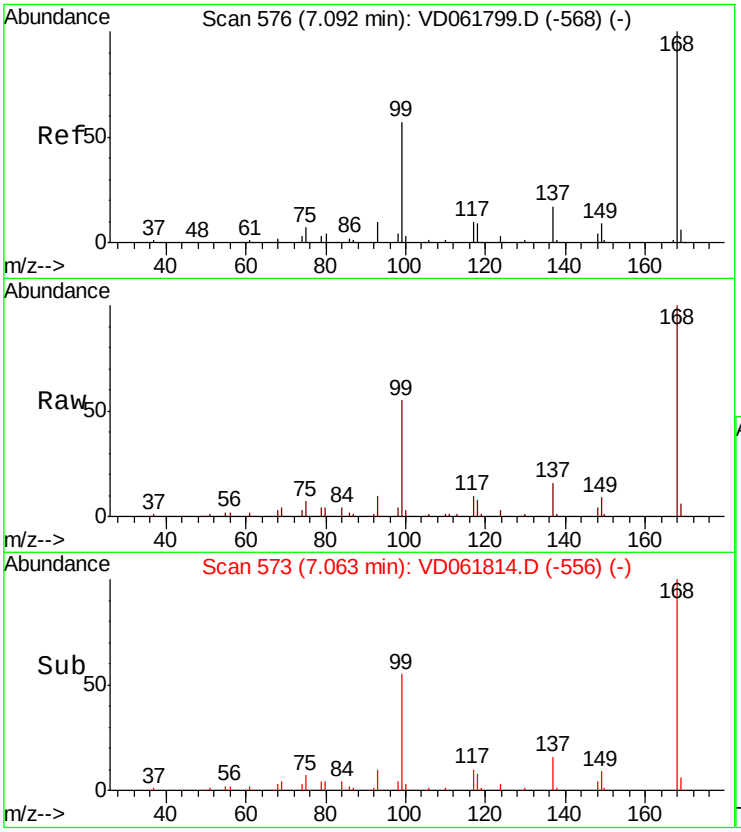
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041619\
Data File : VD061814.D
Acq On : 16 Apr 2019 16:35
Operator : VA/AP
Sample : K2358-06
Misc : 5.48g/5ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
TP-9-S2

Quant Time: Apr 16 17:02:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 2019
Response via : Initial Calibration



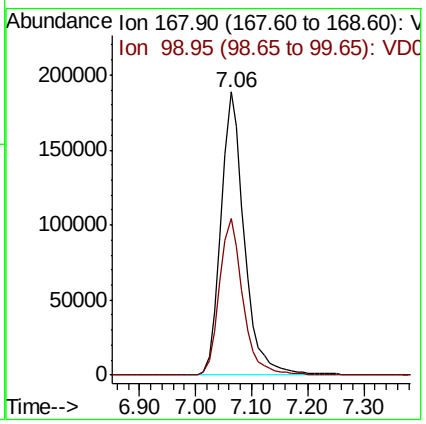


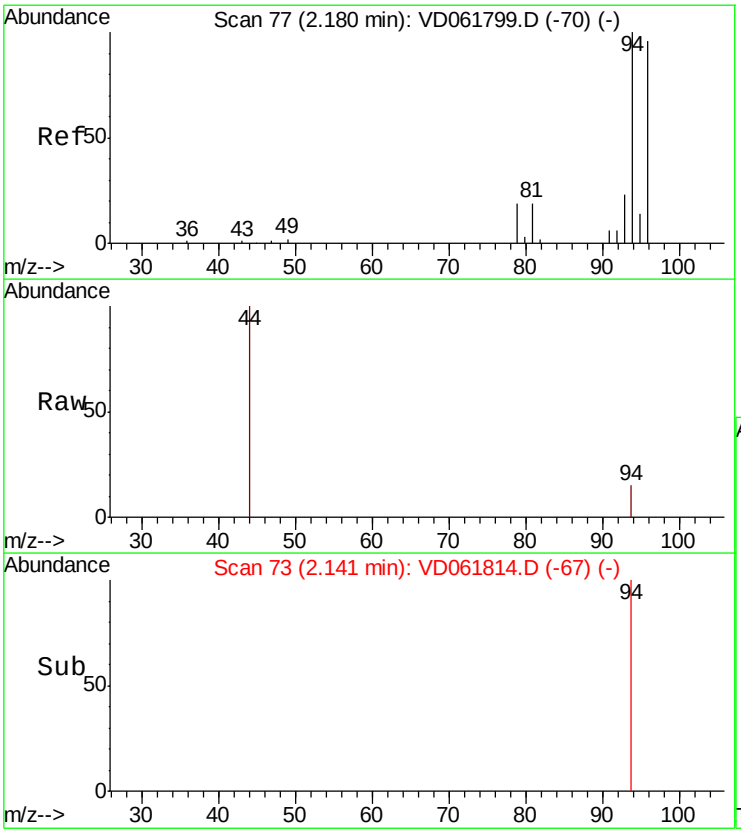

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. -0.03 min
Lab File: VD061814.D
Acq: 16 Apr 2019 16:35

**Instrument :**
MSVOA_D
**ClientSampleId :**
TP-9-S2

Tgt Ion:168 Resp: 547546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.5 | 46.5 | 69.7 |

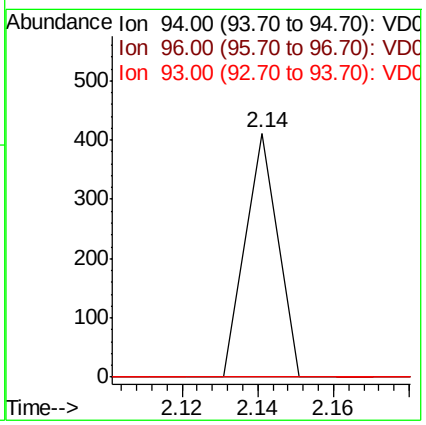


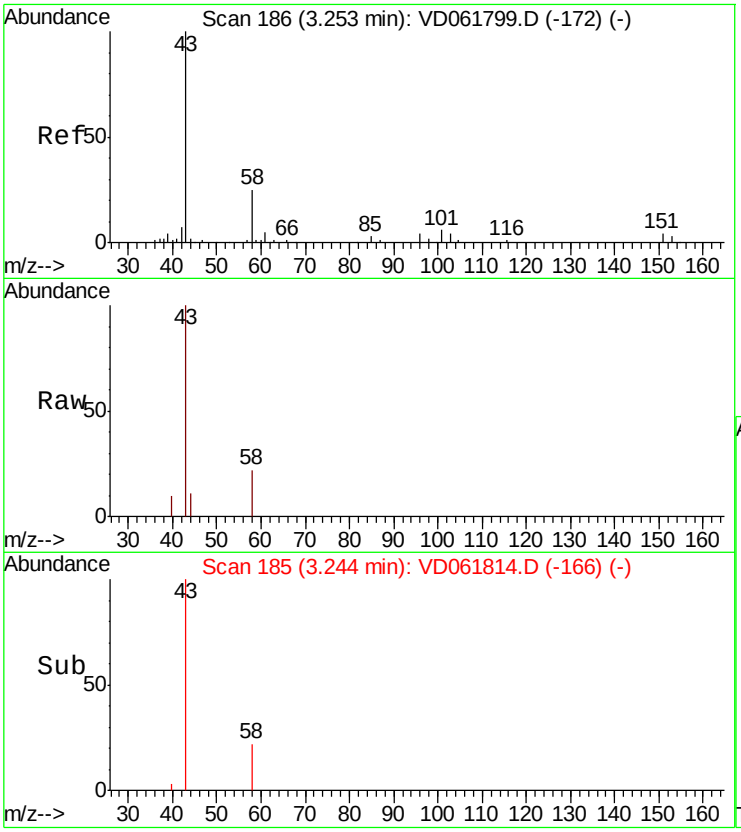




#5
Bromomethane
Concen: Below Cal
RT: 2.14 min Scan# 73
Delta R.T. -0.04 min
Lab File: VD061814.D
Acq: 16 Apr 2019 16:35

Tgt Ion: 94 Resp: 243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 0.0 | 76.6 | 115.0# |
| 93 | 0.0 | 18.5 | 27.7# |



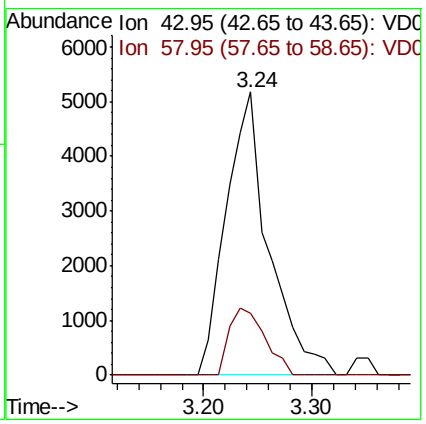


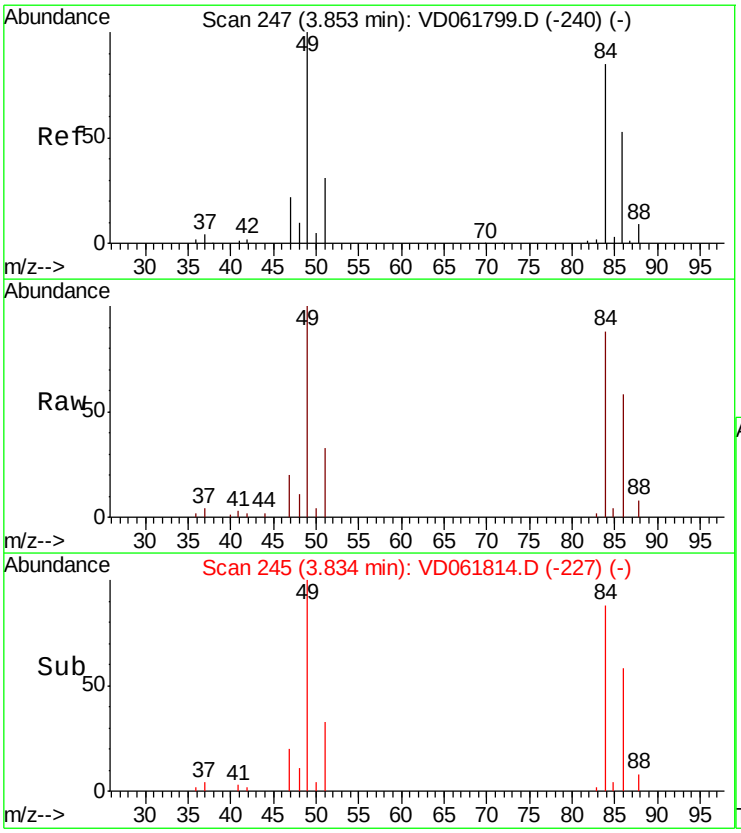

#16
Acetone
Concen: 12.540 ug/l
RT: 3.24 min Scan# 185
Delta R.T. -0.01 min
Lab File: VD061814.D
Acq: 16 Apr 2019 16:35

**Instrument :** MSVOA_D
**ClientSampleId :** TP-9-S2

Tgt Ion: 43 Resp: 14183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 22.1 | 19.9 | 29.9 |

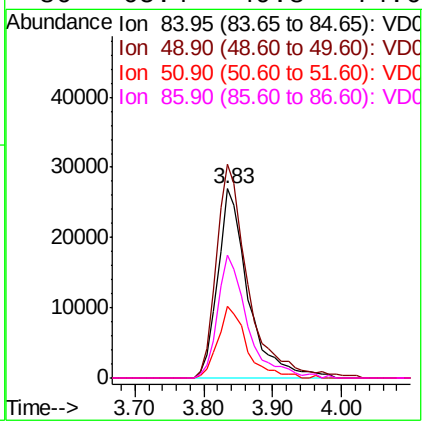


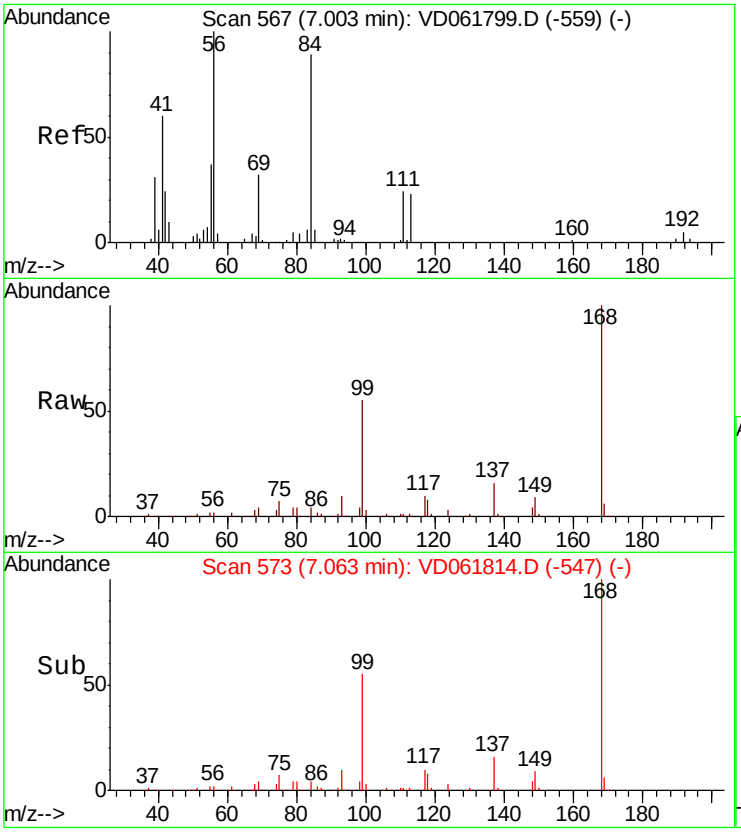




#20
Methylene Chloride
Concen: 11.113 ug/l
RT: 3.83 min Scan# 245
Delta R.T. -0.02 min
Lab File: VD061814.D
Acq: 16 Apr 2019 16:35

Tgt Ion: 84 Resp: 82532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 113.0 | 94.0 | 141.0 |
| 51 | 37.8 | 29.0 | 43.4 |
| 86 | 65.4 | 49.8 | 74.6 |



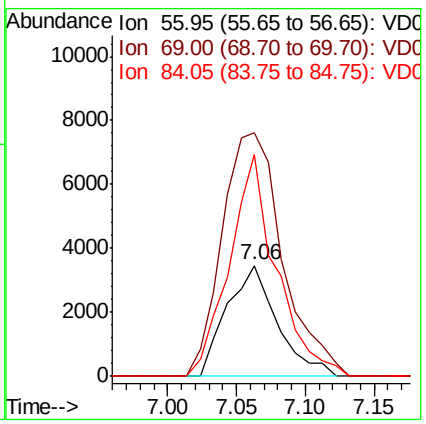


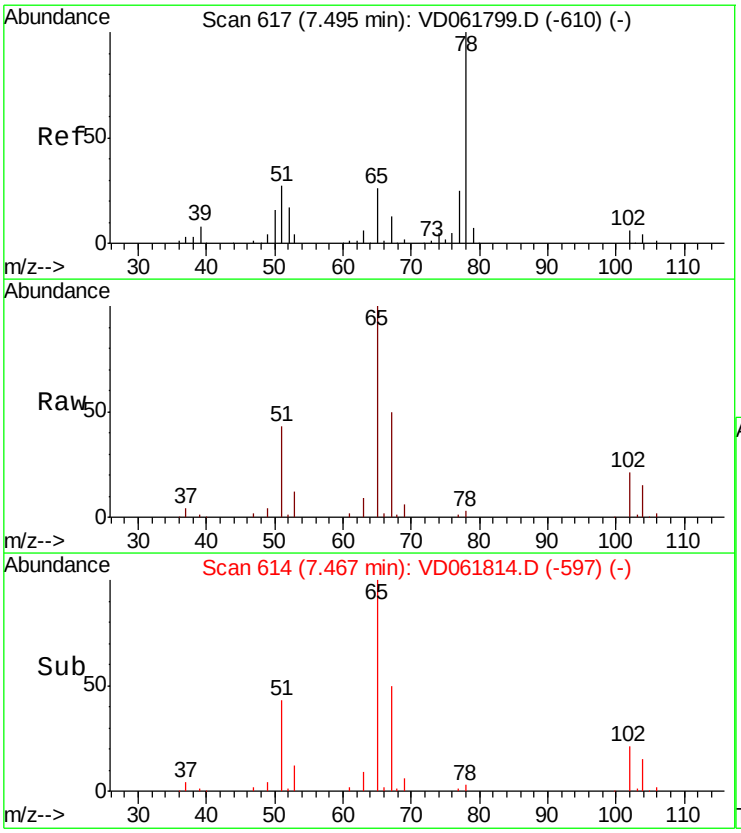

#31
Cyclohexane
Concen: 1.274 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.06 min
Lab File: VD061814.D
Acq: 16 Apr 2019 16:35

**Instrument :** MSVOA_D
**ClientSampleId :** TP-9-S2

Tgt Ion: 56 Resp: 8854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 219.9 | 25.8 | 38.6# |
| 84 | 200.4 | 72.2 | 108.4# |

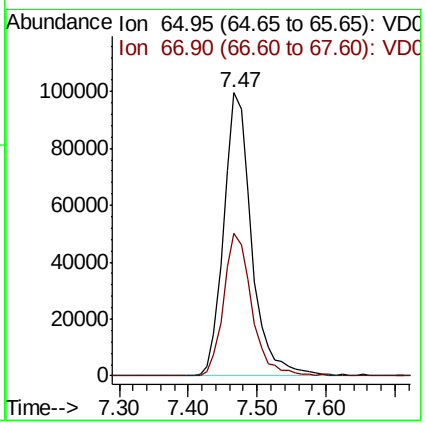


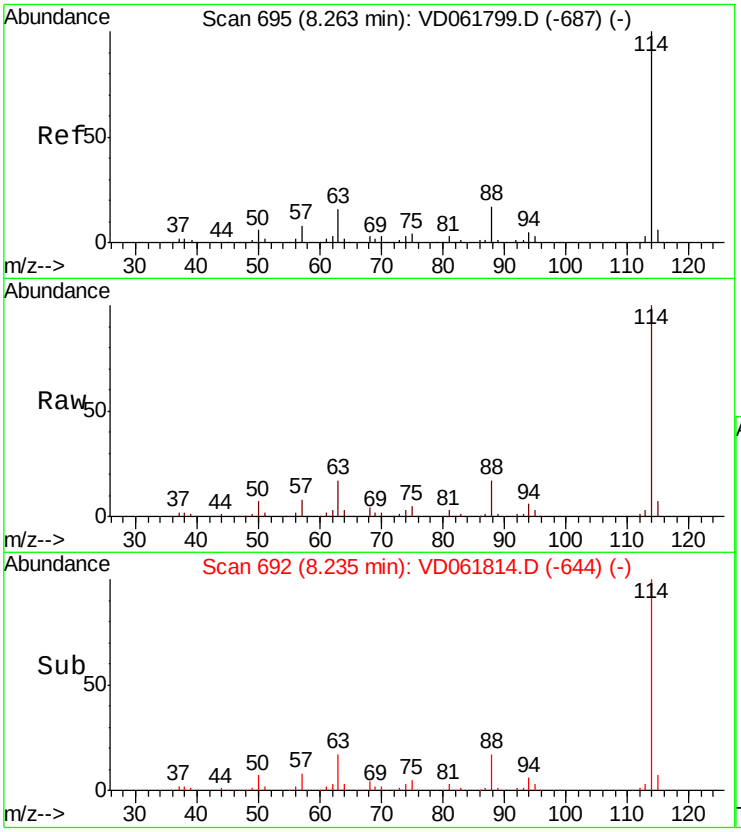




#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. -0.03 min
Lab File: VD061814.D
Acq: 16 Apr 2019 16:35

Tgt Ion: 65 Resp: 278618

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



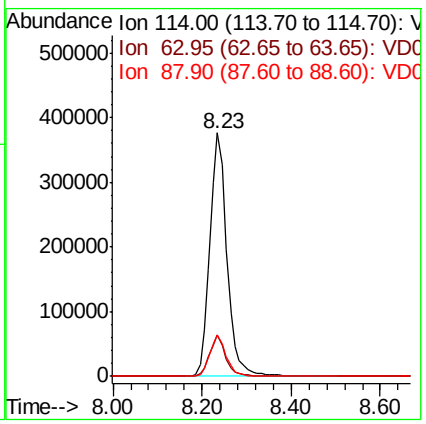


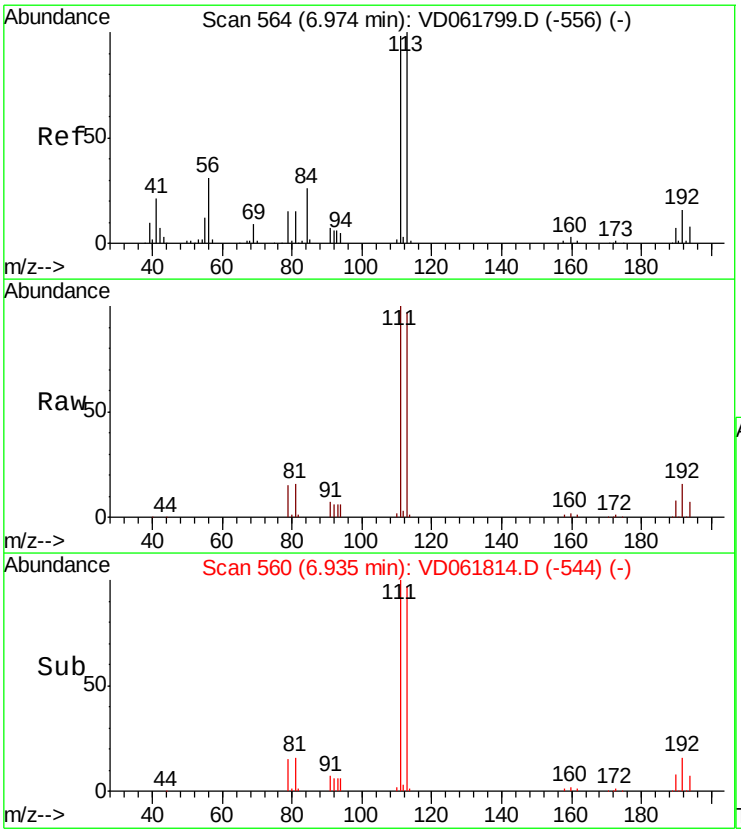

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 692
Delta R.T. -0.03 min
Lab File: VD061814.D
Acq: 16 Apr 2019 16:35

**Instrument :**
MSVOA_D
**ClientSampleId :**
TP-9-S2

Tgt Ion:114 Resp: 998044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 16.8 | 0.0 | 32.4 |
| 88 | 17.0 | 0.0 | 33.6 |

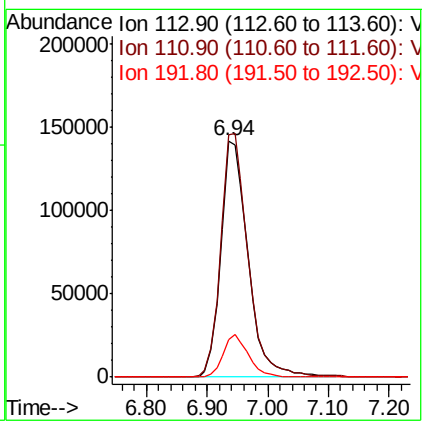


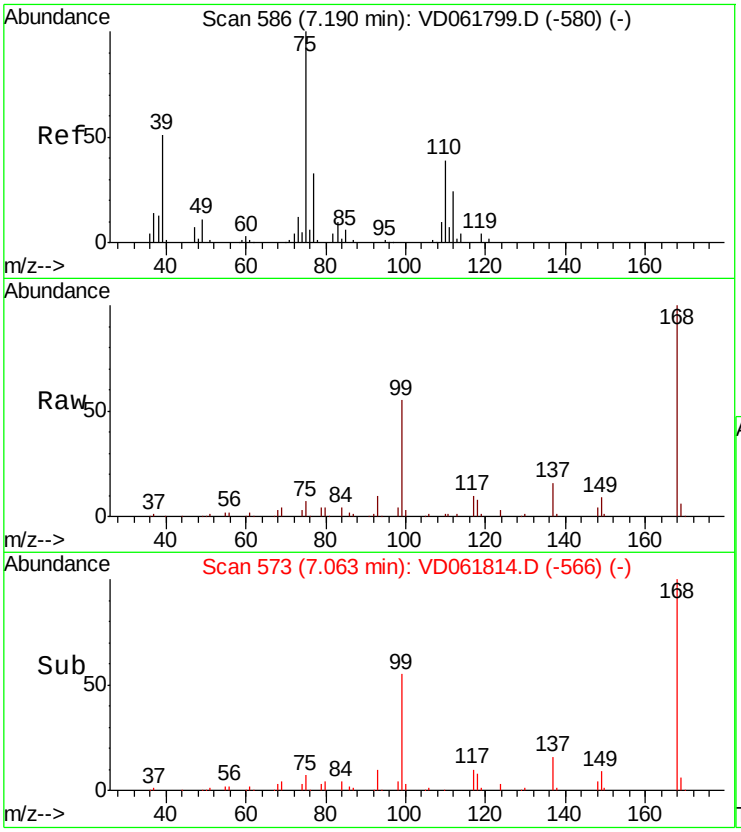




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.94 min Scan# 560
Delta R.T. -0.04 min
Lab File: VD061814.D
Acq: 16 Apr 2019 16:35

Tgt Ion:113 Resp: 443592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.0 | 78.5 | 117.7 |
| 192 | 16.0 | 13.0 | 19.4 |



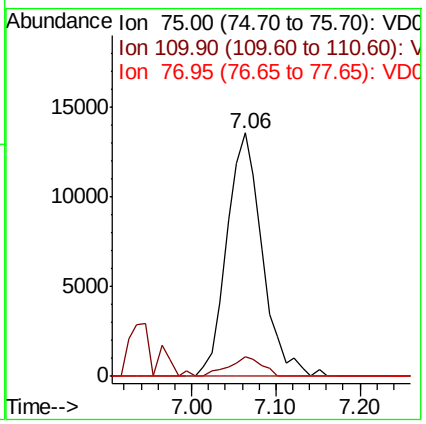


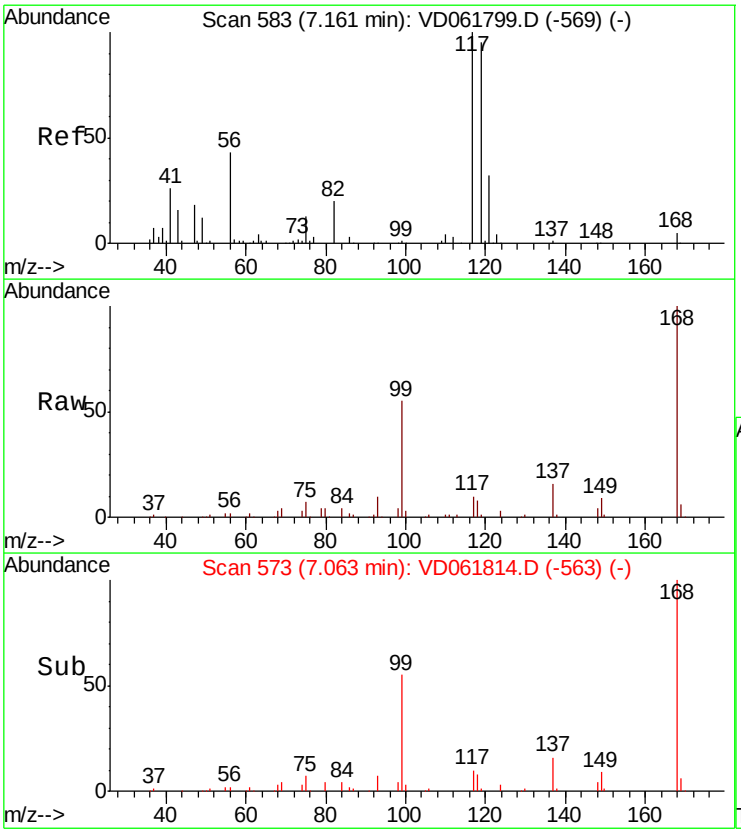

#36
1,1-Dichloropropene
Concen: 4.814 ug/l
RT: 7.06 min Scan# 573
Delta R.T. -0.13 min
Lab File: VD061814.D
Acq: 16 Apr 2019 16:35

**Instrument :** MSVOA_D
**ClientSampleId :** TP-9-S2

Tgt Ion: 75 Resp: 39262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 8.1 | 19.1 | 57.1# |
| 77 | 0.0 | 25.6 | 38.4# |

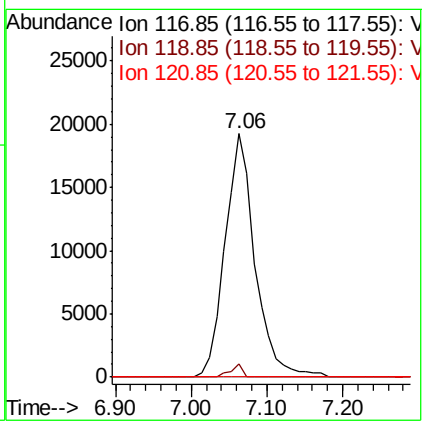


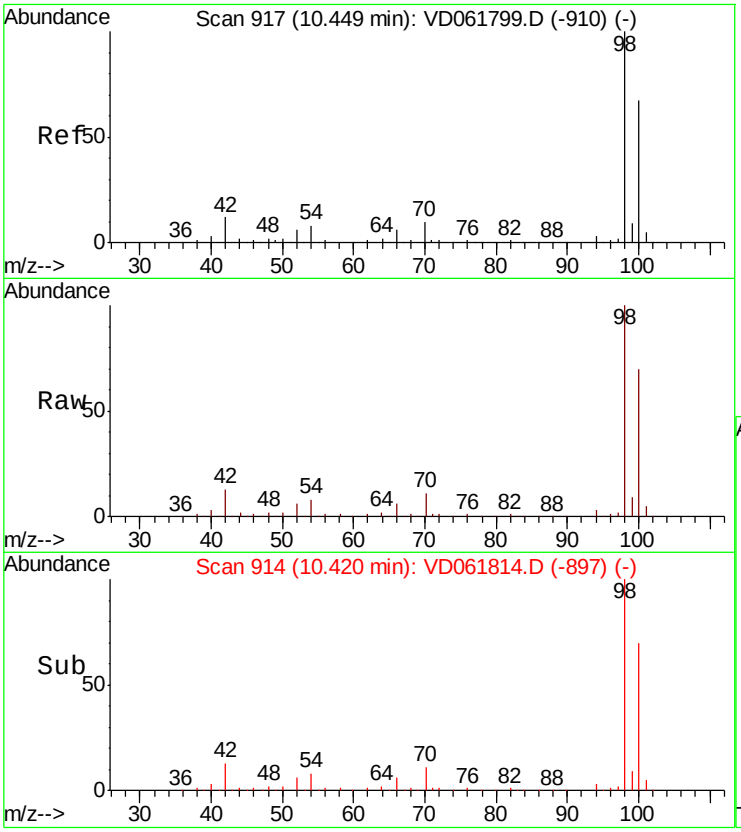




#38
Carbon Tetrachloride
Concen: 5.100 ug/l
RT: 7.06 min Scan# 573
Delta R.T. -0.10 min
Lab File: VD061814.D
Acq: 16 Apr 2019 16:35

Tgt Ion:117 Resp: 52519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.5 | 75.8 | 113.8# |
| 121 | 0.0 | 25.9 | 38.9# |



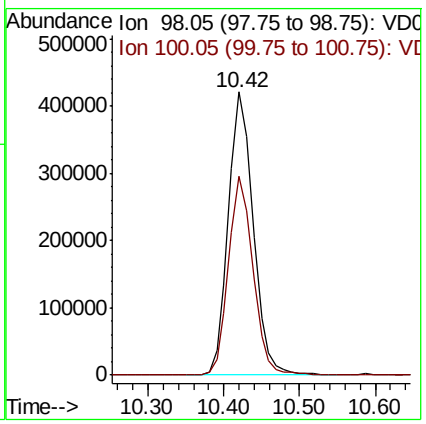


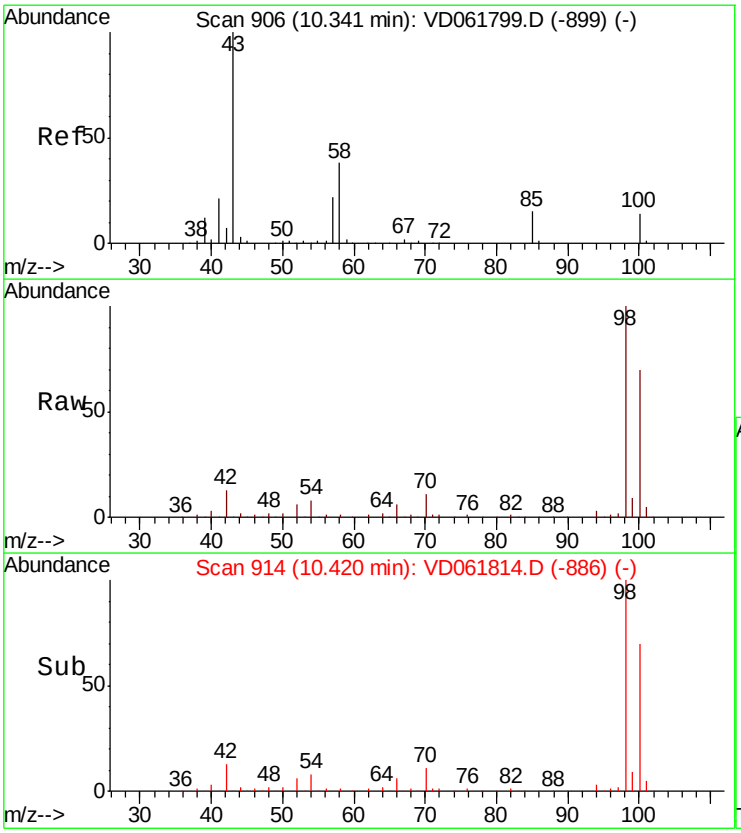

#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. -0.03 min
Lab File: VD061814.D
Acq: 16 Apr 2019 16:35

**Instrument :**
MSVOA_D
**ClientSampleId :**
TP-9-S2

Tgt Ion: 98 Resp: 956789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 70.3 | 53.8 | 80.8 |

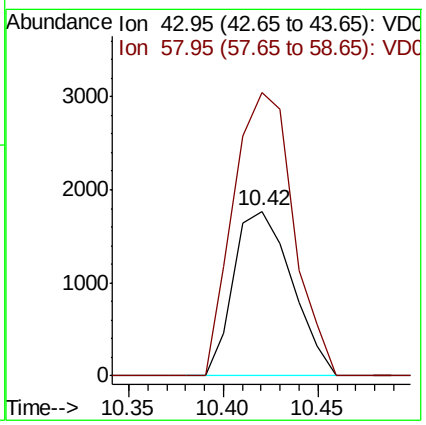


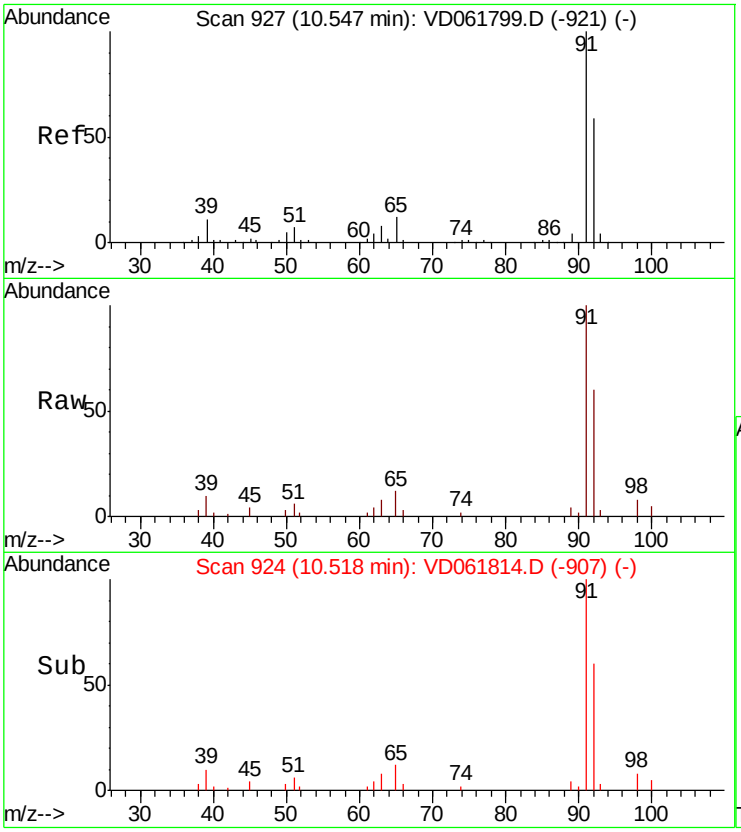




#51
4-Methyl-2-Pentanone
Concen: 1.260 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.08 min
Lab File: VD061814.D
Acq: 16 Apr 2019 16:35

Tgt Ion: 43 Resp: 3784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 171.6 | 30.4 | 45.6# |



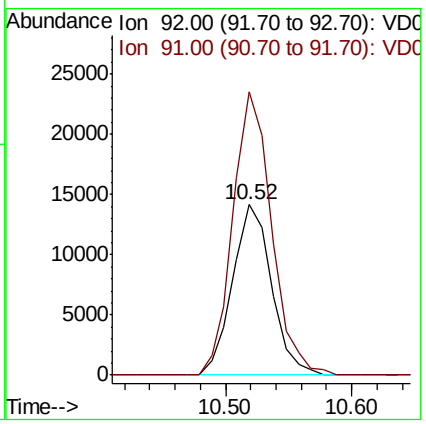


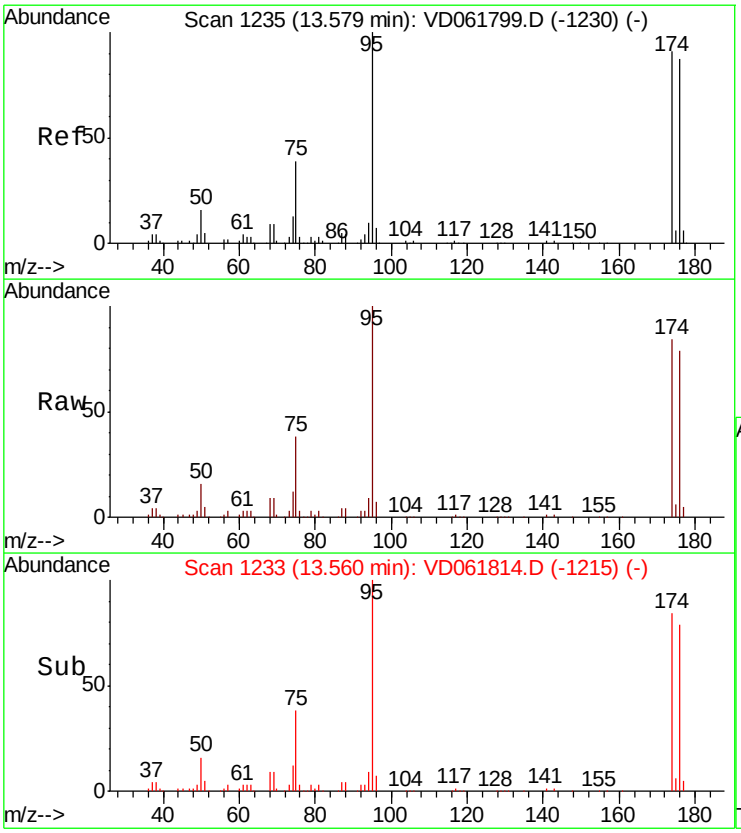

#52
Toluene
Concen: 2.412 ug/l
RT: 10.52 min Scan# 924
Delta R.T. -0.03 min
Lab File: VD061814.D
Acq: 16 Apr 2019 16:35

**Instrument :**
MSVOA_D
**ClientSampleId :**
TP-9-S2

Tgt Ion: 92 Resp: 30260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 165.8 | 136.6 | 204.8 |

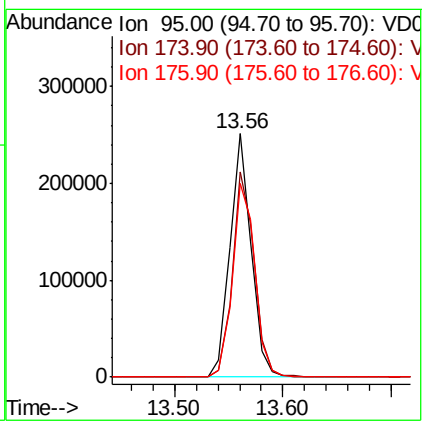


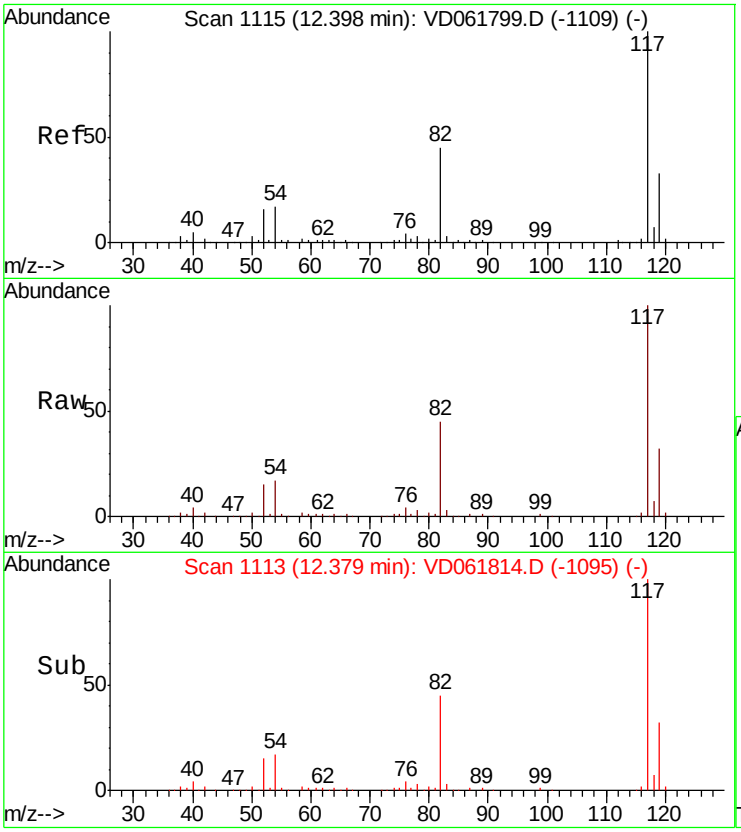




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.02 min
Lab File: VD061814.D
Acq: 16 Apr 2019 16:35

Tgt Ion: 95 Resp: 343078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 84.2 | 0.0 | 181.8 |
| 176 | 79.5 | 0.0 | 174.4 |



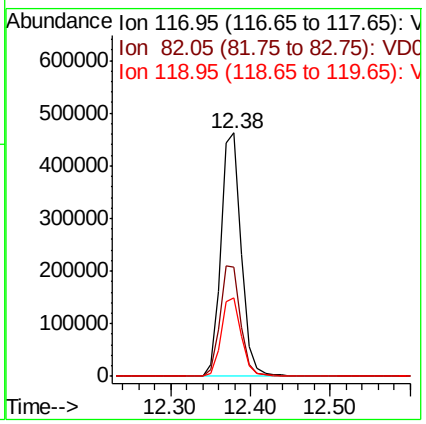


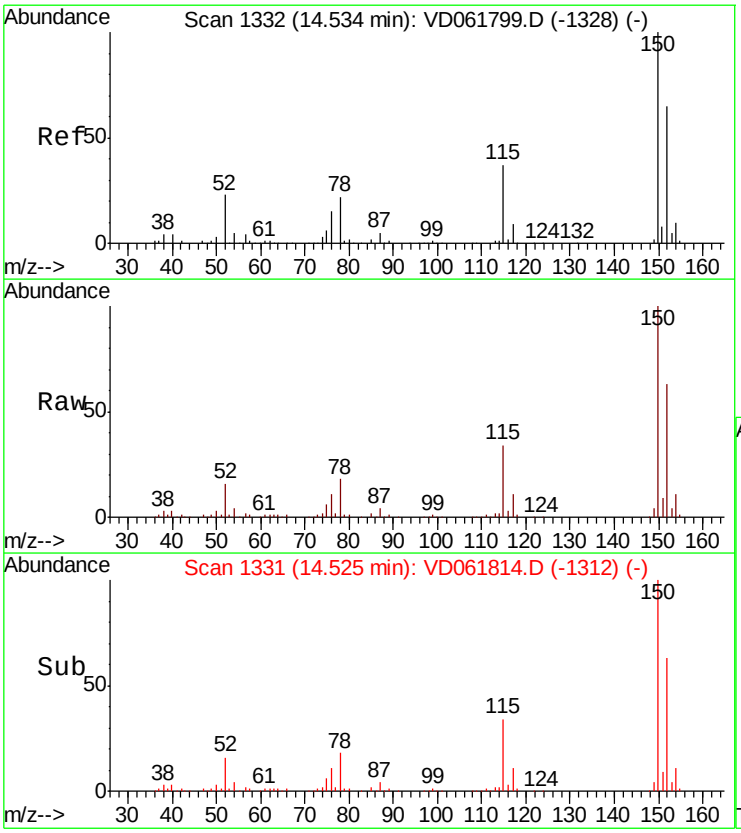

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VD061814.D
Acq: 16 Apr 2019 16:35

**Instrument :** MSVOA_D
**ClientSampleId :** TP-9-S2

Tgt Ion:117 Resp: 834719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 44.9 | 36.2 | 54.2 |
| 119 | 32.4 | 26.2 | 39.4 |

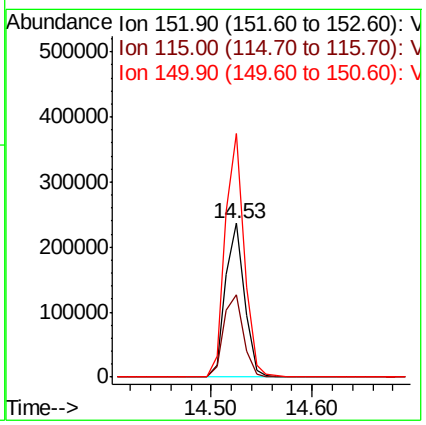


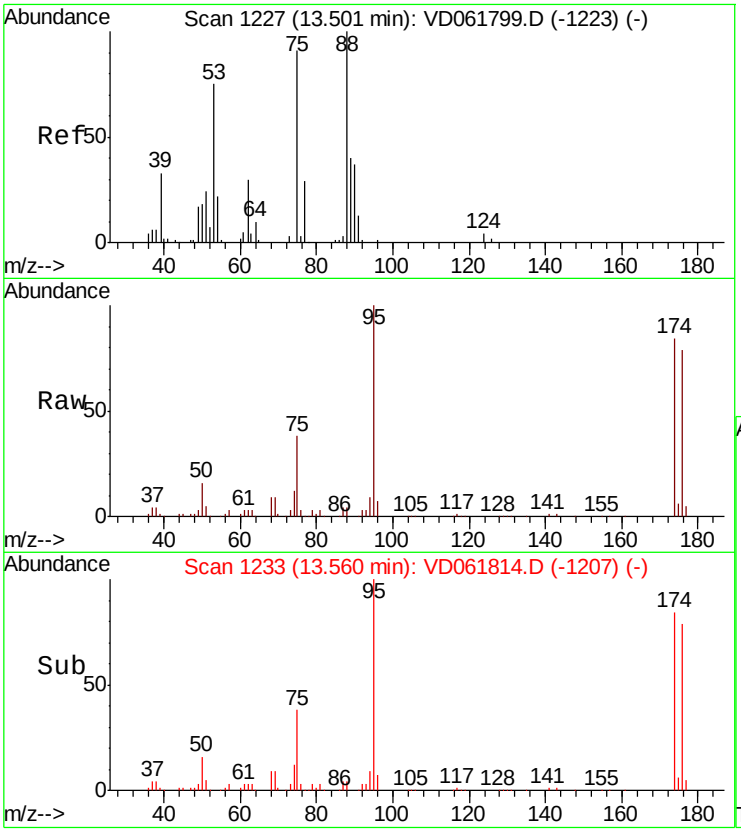




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD061814.D
Acq: 16 Apr 2019 16:35

Tgt Ion:152 Resp: 309924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 54.0 | 30.9 | 92.7 |
| 150 | 158.6 | 0.0 | 314.8 |






#81
trans-1,4-Dichloro-2-butene
Concen: 95.042 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.06 min
Lab File: VD061814.D
Acq: 16 Apr 2019 16:35

**Instrument :**
MSVOA_D
**ClientSampleId :**
TP-9-S2

Tgt Ion: 75 Resp: 129611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 65.8 | 98.8# |
| 89 | 0.0 | 35.0 | 52.6# |