Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012920\
Data File : VD065000.D
Acq On : 29 Jan 2020 17:25
Operator : VA/SY
Sample : L1014-11
Misc : 5.47G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** OR-03-012920

Quant Time: Jan 29 22:24:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.99 | 168 | 483473 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.87 | 114 | 789328 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.65 | 117 | 743067 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152 | 322655 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.34 | 65 | 251231 | 54.17 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 108.34% | | | |
| 35) Dibromofluoromethane | 7.92 | 113 | 249189 | 50.24 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.48% | | | |
| 50) Toluene-d8 | 10.34 | 98 | 940863 | 49.14 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.28% | | | |
| 62) 4-Bromofluorobenzene | 12.64 | 95 | 300421 | 51.28 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.56% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 4.17 | 43 | 18526 | 27.412 | ug/l | 99 |
| 52) Toluene | 10.41 | 92 | 17316 | 1.281 | ug/l | 96 |
| 84) 1,2,4-Trimethylbenzene | 13.28 | 105 | 19687 | 1.075 | ug/l | 98 |
| 95) Naphthalene | 15.41 | 128 | 43346 | 4.417 | ug/l | 97 |

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

Quantitation Report (QT Reviewed)

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Acq On : 29 Jan 2020 17:25
Operator : VA/SY
Sample : L1014-11
Misc : 5.47G/5.00ml/MSVOA_D/SOIL
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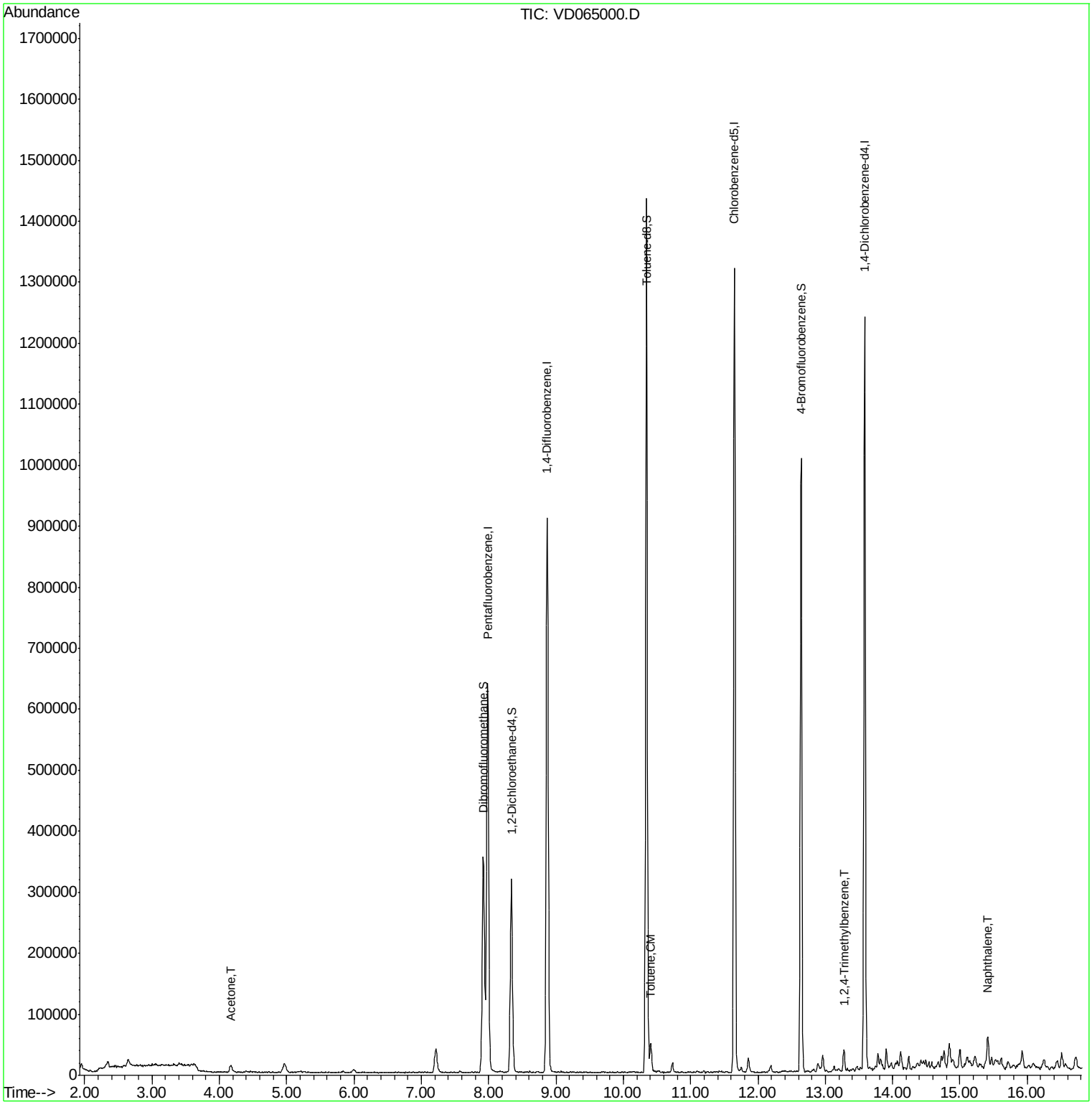
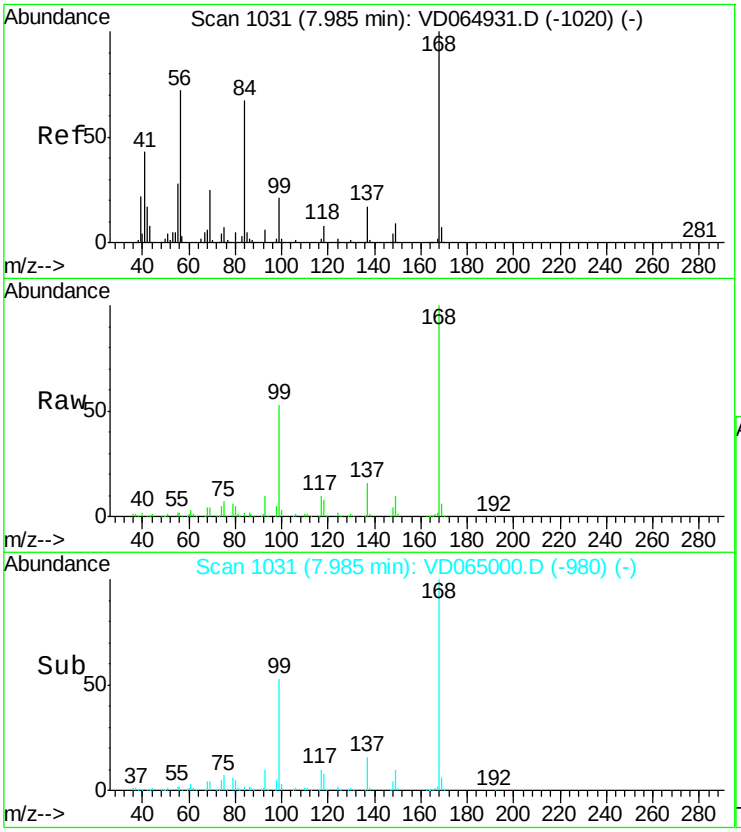
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration



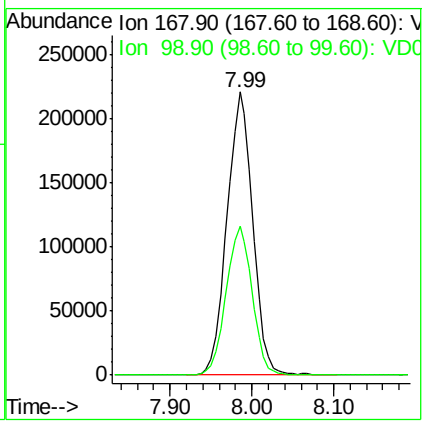


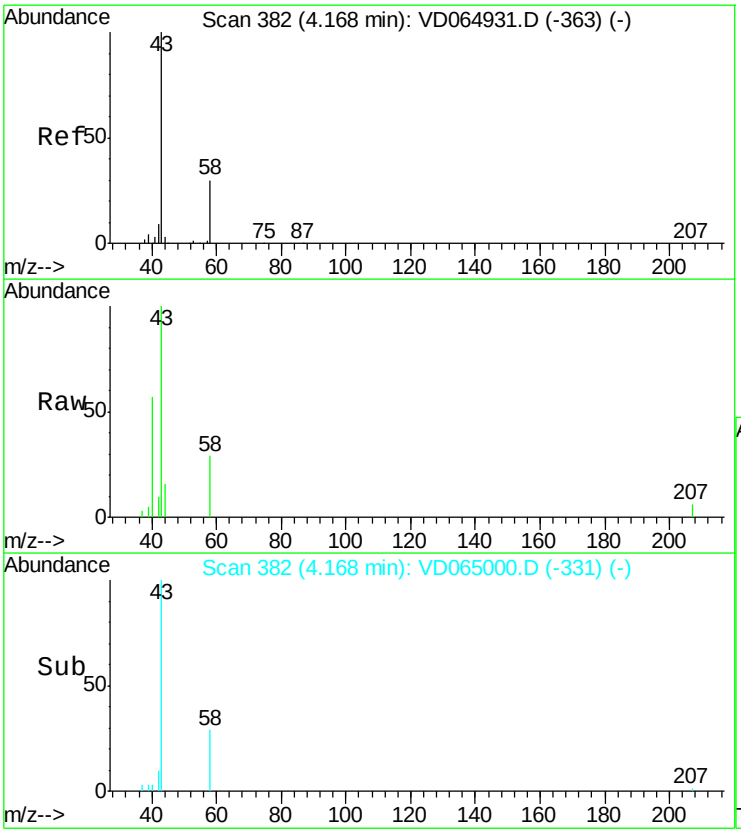

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065000.D
Acq: 29 Jan 2020 17:25

**Instrument :** MSVOA_D
**ClientSampleId :** OR-03-012920

Tgt Ion:168 Resp: 483473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 52.9 | 43.3 | 64.9 |

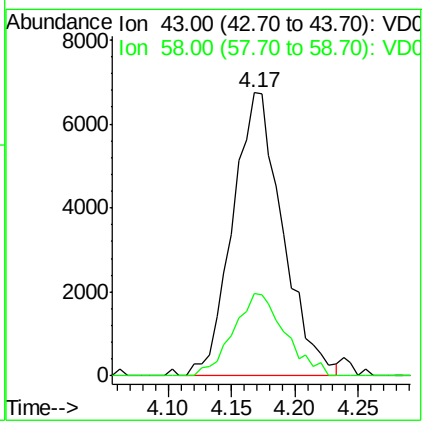


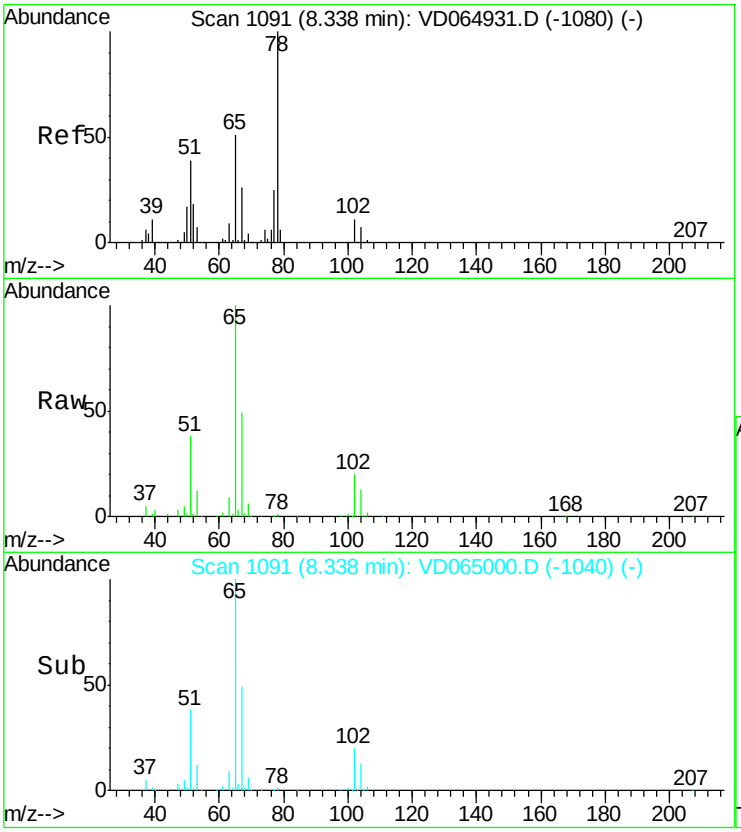




#16
Acetone
Concen: 27.412 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.00 min
Lab File: VD065000.D
Acq: 29 Jan 2020 17:25

Tgt Ion: 43 Resp: 18526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.1 | 23.8 | 35.8 |



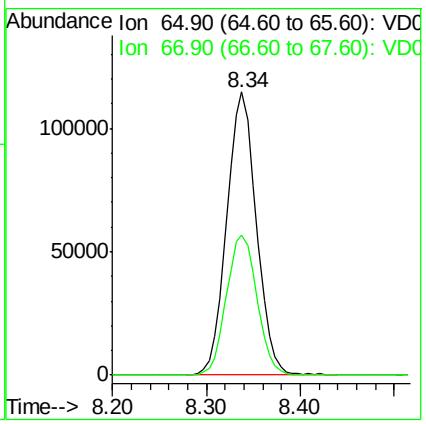


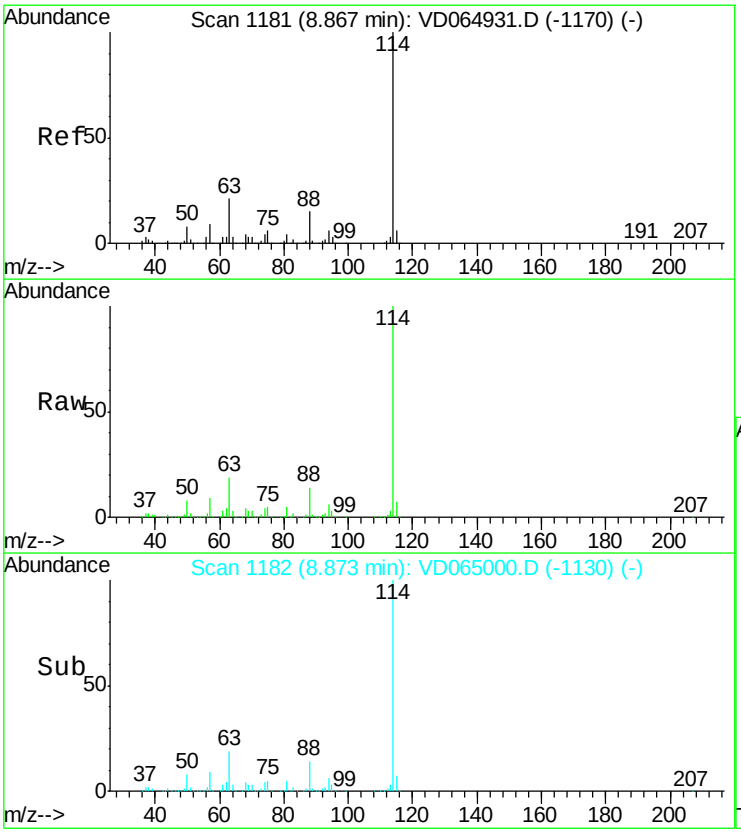

#33
1,2-Dichloroethane-d4
Concen: 54.173 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065000.D
Acq: 29 Jan 2020 17:25

**Instrument :**
MSVOA_D
**ClientSampleId :**
OR-03-012920

Tgt Ion: 65 Resp: 251231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.0 | 0.0 | 103.6 |

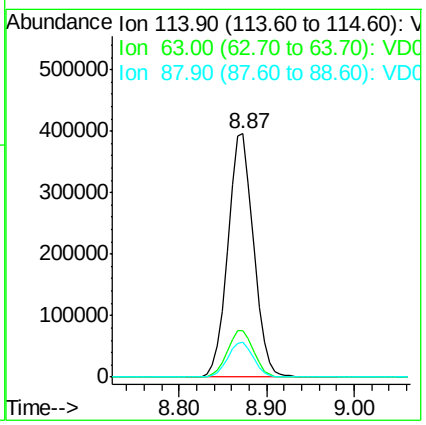


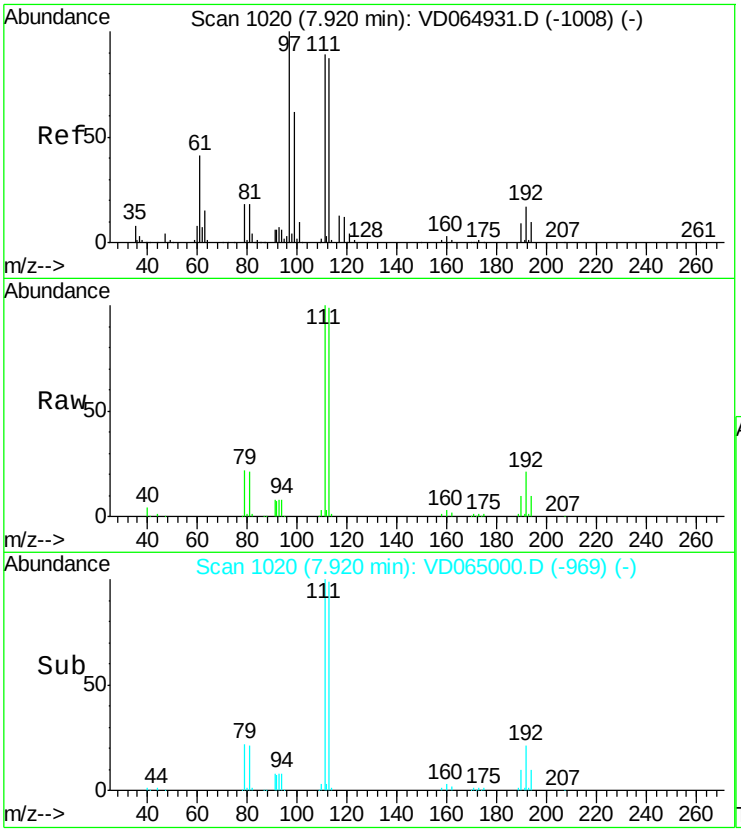




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VD065000.D
Acq: 29 Jan 2020 17:25

Tgt Ion:114 Resp: 789328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.3 | 0.0 | 42.0 |
| 88 | 14.3 | 0.0 | 29.4 |



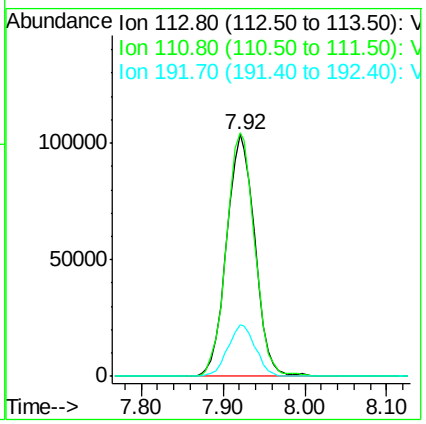


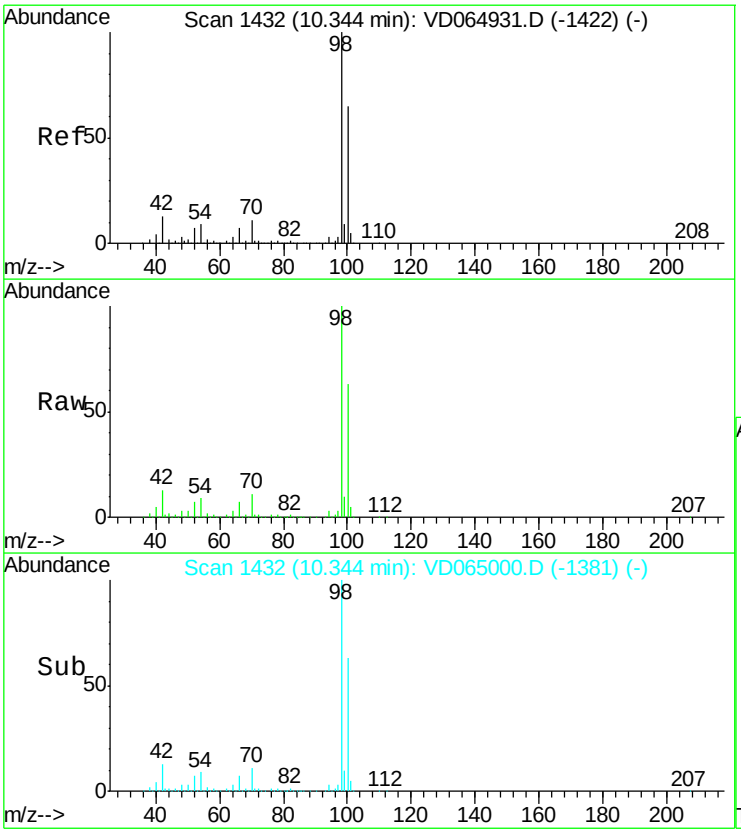

#35
Dibromofluoromethane
Concen: 50.237 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065000.D
Acq: 29 Jan 2020 17:25

**Instrument :**
MSVOA_D
**ClientSampleId :**
OR-03-012920

Tgt Ion:113 Resp: 249189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 100.9 | 82.4 | 123.6 |
| 192 | 20.9 | 16.9 | 25.3 |

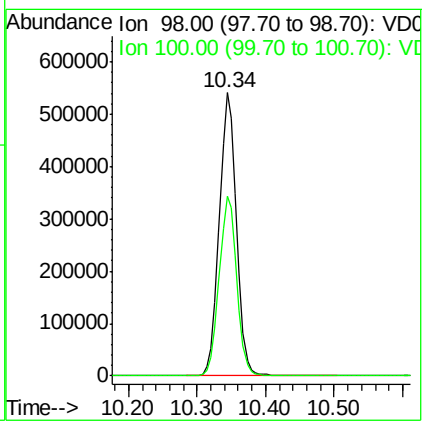


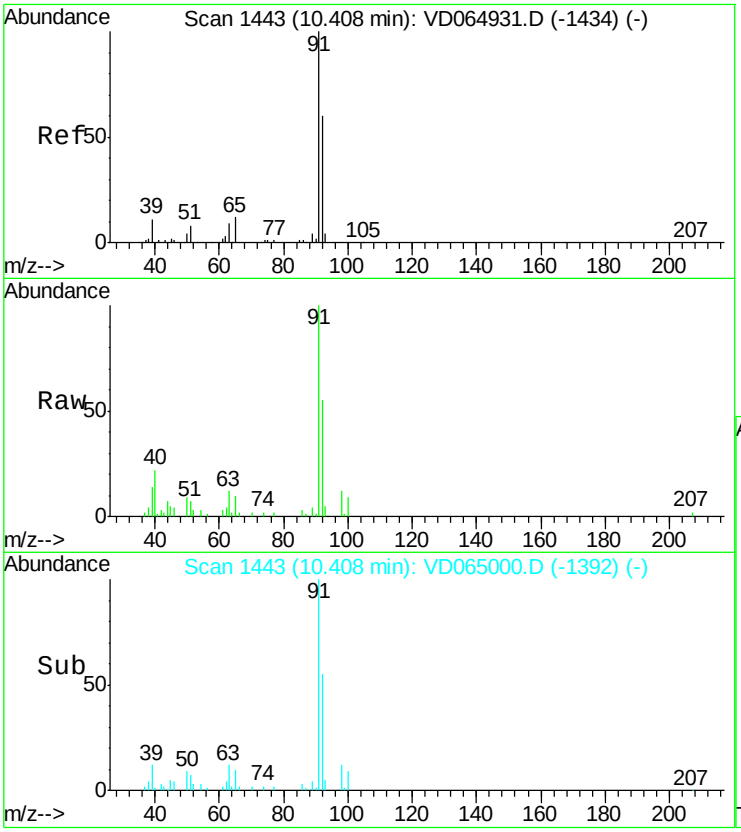




#50
Toluene-d8
Concen: 49.145 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065000.D
Acq: 29 Jan 2020 17:25

Tgt Ion: 98 Resp: 940863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.6 | 52.3 | 78.5 |



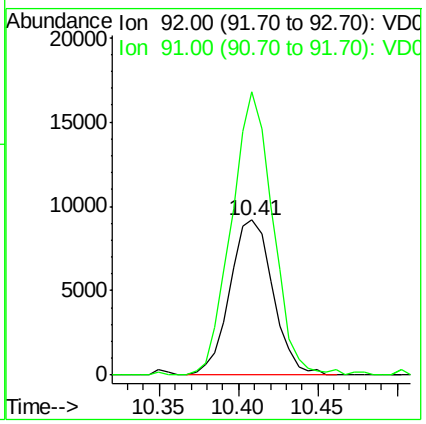


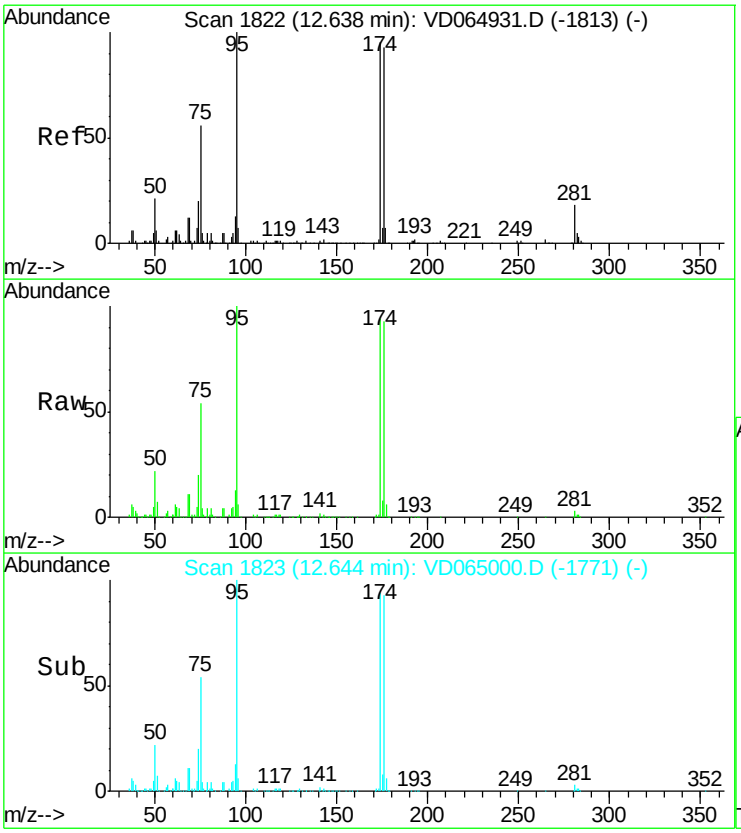

#52
Toluene
Concen: 1.281 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD065000.D
Acq: 29 Jan 2020 17:25

**Instrument :**
MSVOA_D
**ClientSampleId :**
OR-03-012920

Tgt Ion: 92 Resp: 17316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 176.2 | 136.8 | 205.2 |

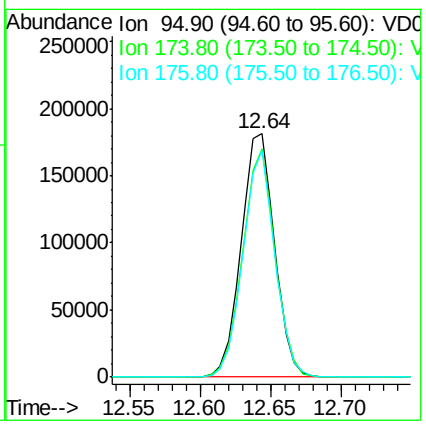


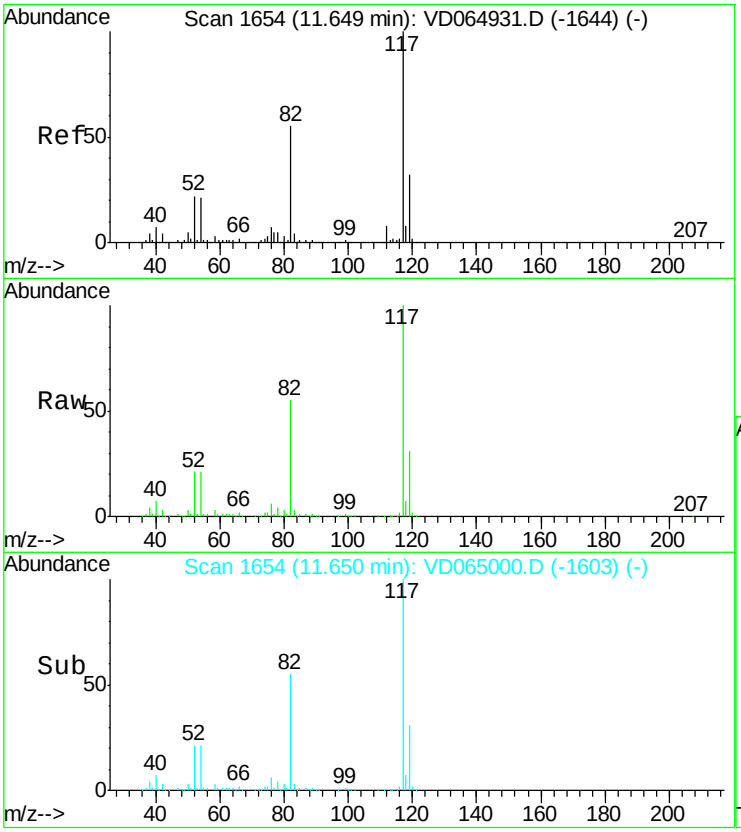




#62
4-Bromofluorobenzene
Concen: 51.278 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065000.D
Acq: 29 Jan 2020 17:25

Tgt Ion: 95 Resp: 300421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 91.5 | 0.0 | 186.8 |
| 176 | 89.1 | 0.0 | 183.4 |



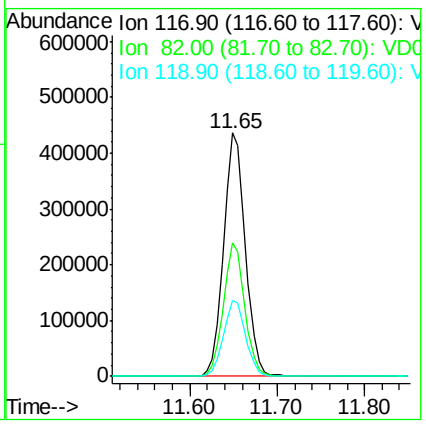


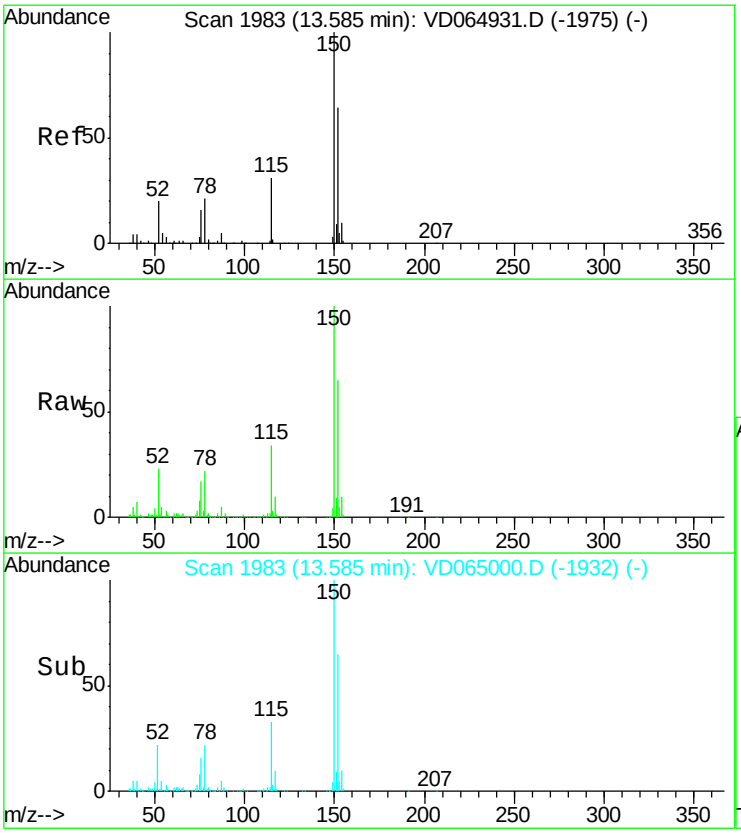

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065000.D
Acq: 29 Jan 2020 17:25

**Instrument :**
MSVOA_D
**ClientSampleId :**
OR-03-012920

Tgt Ion:117 Resp: 743067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.6 | 43.6 | 65.4 |
| 119 | 31.1 | 25.2 | 37.8 |

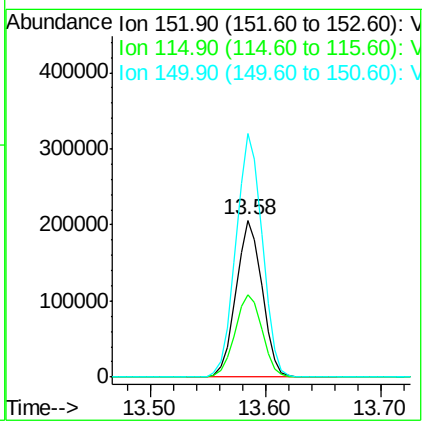


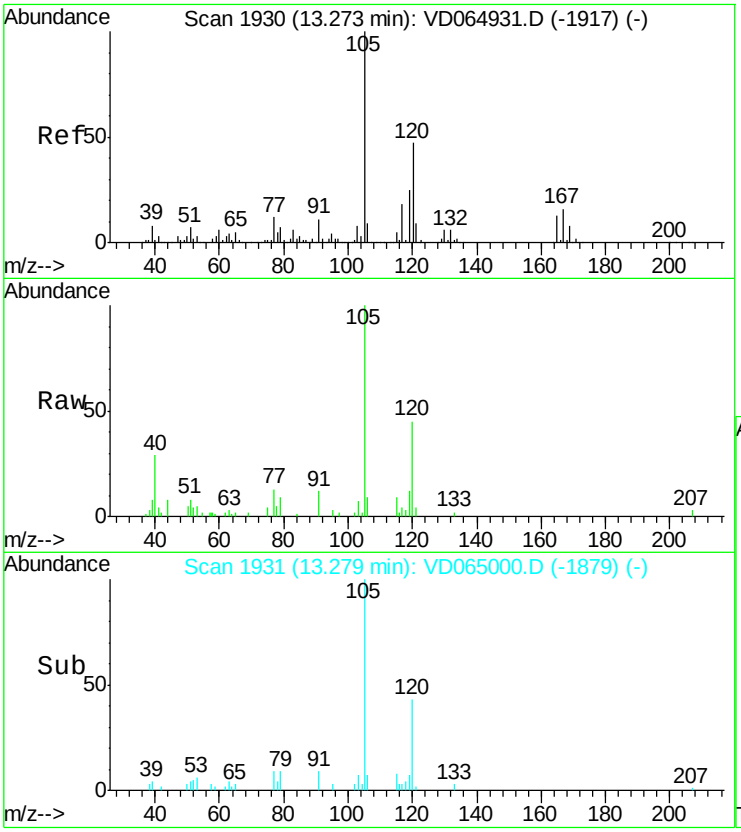




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065000.D
Acq: 29 Jan 2020 17:25

Tgt Ion:152 Resp: 322655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 54.0 | 28.1 | 84.4 |
| 150 | 157.1 | 0.0 | 350.4 |



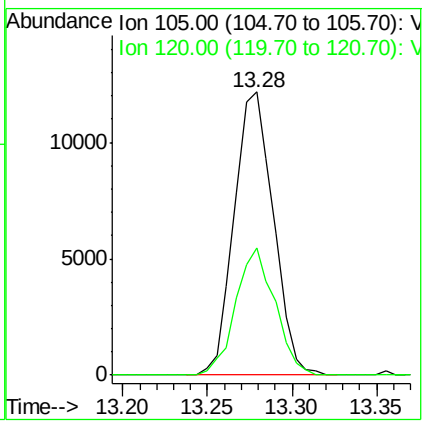


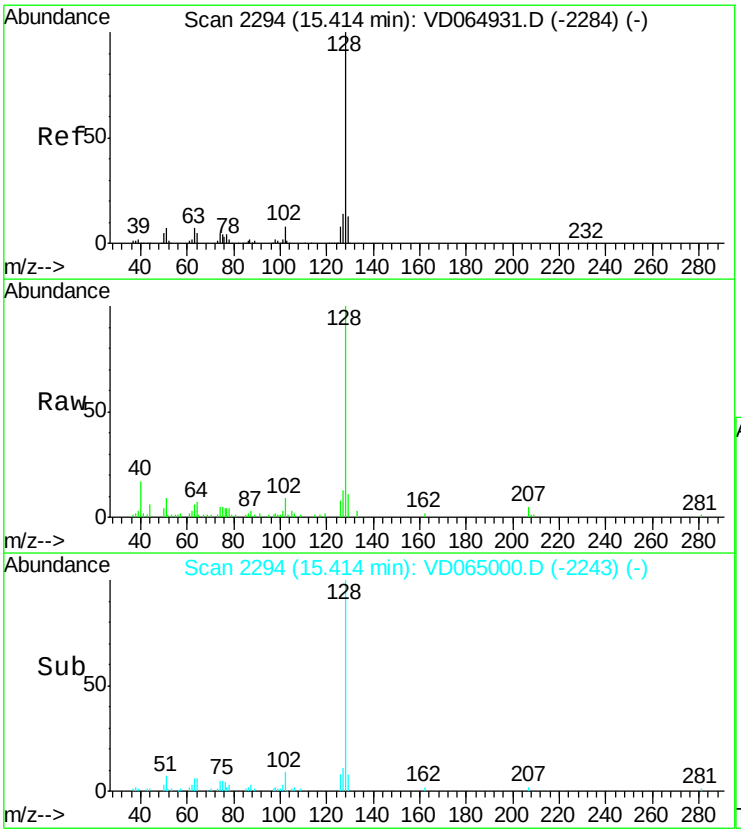

#84
1,2,4-Trimethylbenzene
Concen: 1.075 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.01 min
Lab File: VD065000.D
Acq: 29 Jan 2020 17:25

**Instrument :**
MSVOA_D
**ClientSampleId :**
OR-03-012920

Tgt Ion:105 Resp: 19687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.8 | 23.1 | 69.3 |




#95
Naphthalene
Concen: 4.417 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065000.D
Acq: 29 Jan 2020 17:25

Tgt Ion:128 Resp: 43346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 14.5 | 10.6 | 15.8 |
| 129 | 12.3 | 9.3 | 13.9 |