Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050719\
Data File : VD062162.D
Acq On : 8 May 2019 6:08
Operator : FY/SY
Sample : K2672-11
Misc : 5.08g/5mL/MSVOA_D/SOIL
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** SB-06-1.5-2.0

Quant Time: May 08 07:56:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.03 | 168 | 33999 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.20 | 114 | 63972 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 12.35 | 117 | 50399 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 14.51 | 152 | 16115 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 7.43 | 65 | 38741 | 122.61 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 245.22% | | | |
| 35) Dibromofluoromethane | 6.90 | 113 | 33280 | 62.70 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 125.40% | | | |
| 50) Toluene-d8 | 10.39 | 98 | 45923 | 35.88 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 71.76% | | | |
| 62) 4-Bromofluorobenzene | 13.54 | 95 | 19800 | 38.53 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 77.06% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Bromomethane | 2.15 | 94 | 435 | 8.040 | ug/l # | 12 |
| 16) Acetone | 3.20 | 43 | 1167 | 17.613 | ug/l # | 50 |
| 18) Methyl Acetate | 3.62 | 43 | 294 | 2.191 | ug/l # | 53 |
| 20) Methylene Chloride | 3.80 | 84 | 530 | 1.916 | ug/l # | 49 |
| 25) 2-Butanone | 5.93 | 43 | 210 | 2.906 | ug/l # | 56 |
| 36) 1,1-Dichloropropene | 7.03 | 75 | 2087 | 3.979 | ug/l # | 40 |
| 38) Carbon Tetrachloride | 7.04 | 117 | 3308 | 4.557 | ug/l # | 12 |
| 81) trans-1,4-Dichloro-2-buten | 13.54 | 75 | 8562 | 158.364 | ug/l # | 16 |
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180 | 379 | 1.280 | ug/l # | 11 |
| 95) Naphthalene | 16.12 | 128 | 927 | 2.242 | ug/l # | 70 |

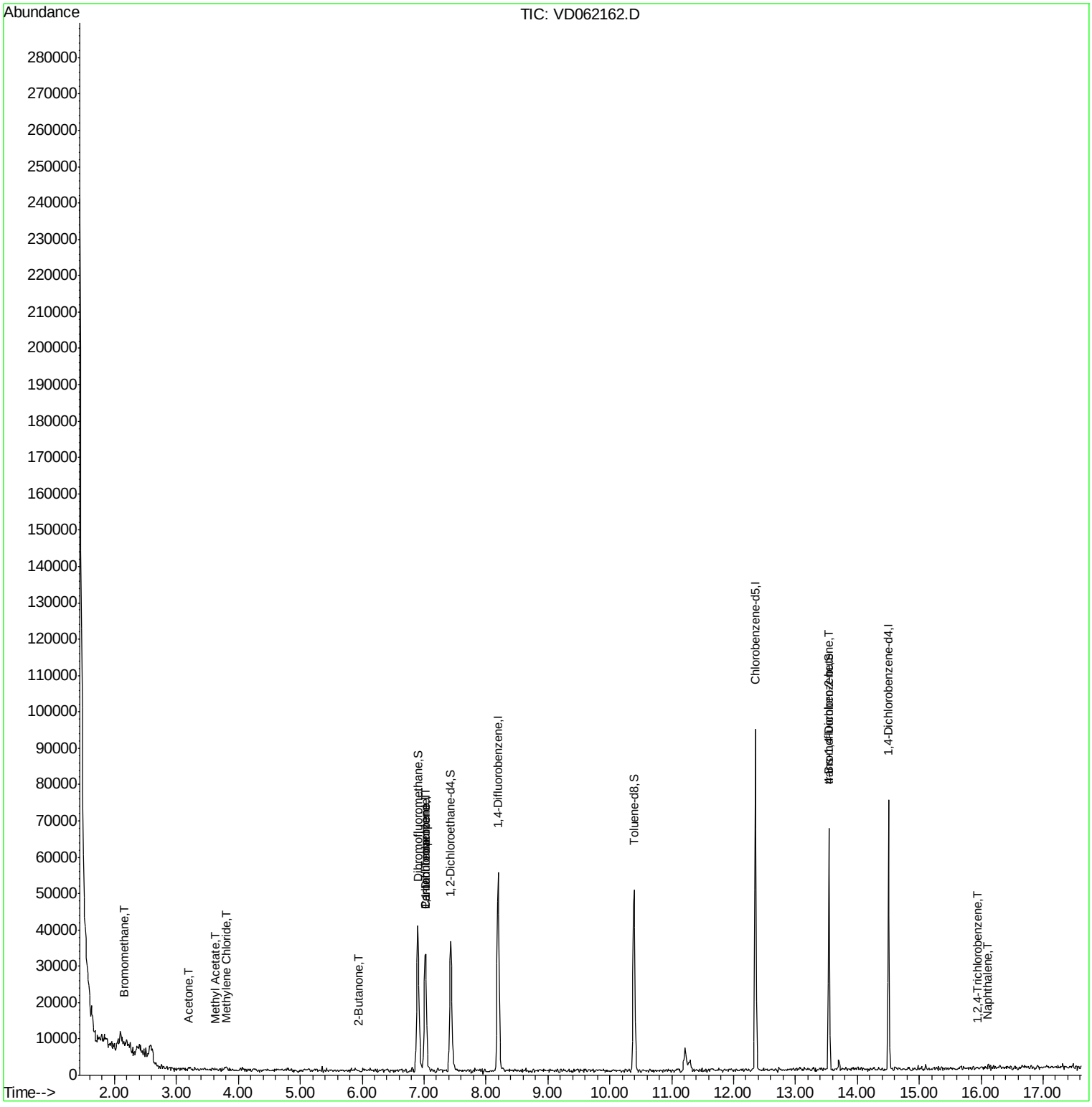
(#) = qualifier out of range (m) = manual integration (+) = signals summed

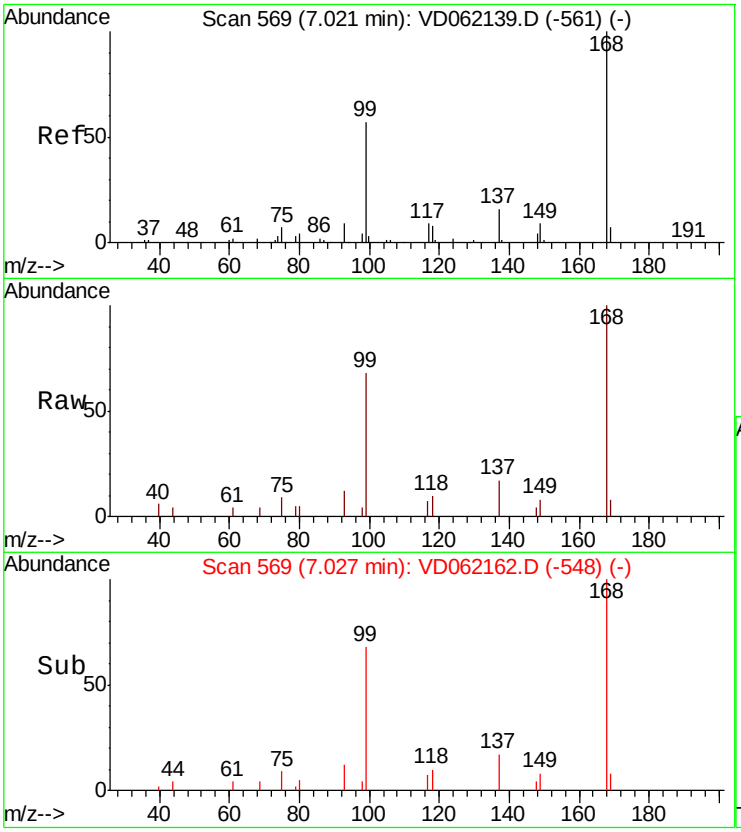
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050719\
Data File : VD062162.D
Acq On : 8 May 2019 6:08
Operator : FY/SY
Sample : K2672-11
Misc : 5.08g/5mL/MSVOA D/SOIL
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
SB-06-1.5-2.0

Quant Time: May 08 07:56:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration



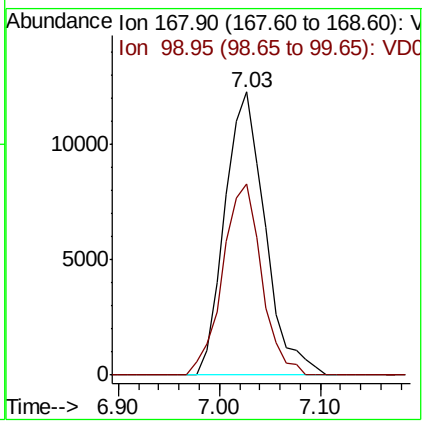


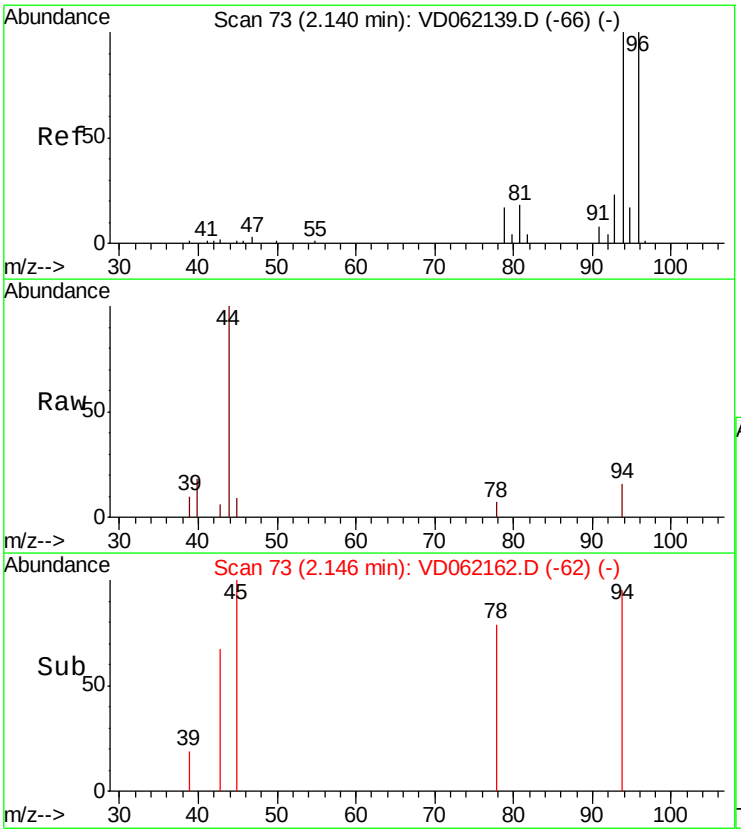

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.01 min
Lab File: VD062162.D
Acq: 8 May 2019 6:08

**Instrument :**
MSVOA_D
**ClientSampleId :**
SB-06-1.5-2.0

Tgt Ion:168 Resp: 33999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 67.7 | 46.5 | 69.7 |

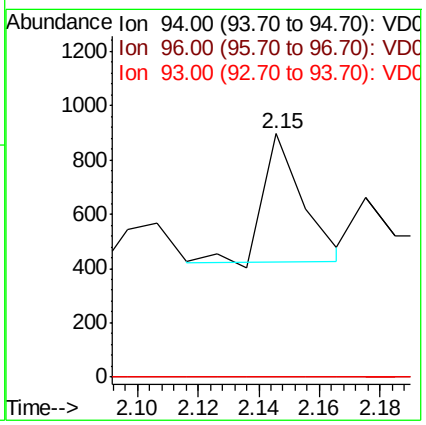


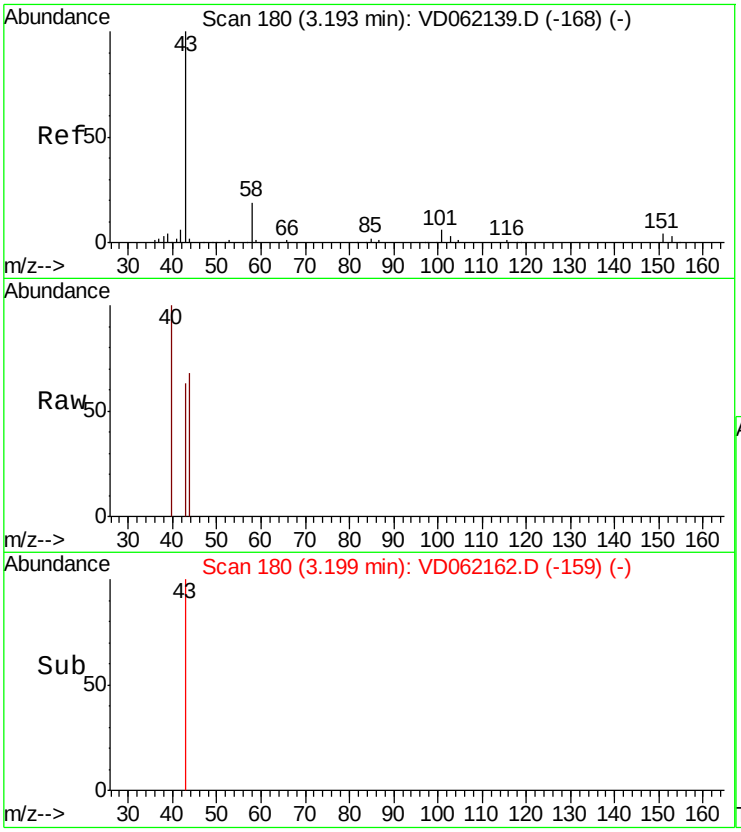




#5
Bromomethane
Concen: 8.040 ug/l
RT: 2.15 min Scan# 73
Delta R.T. 0.01 min
Lab File: VD062162.D
Acq: 8 May 2019 6:08

Tgt Ion: 94 Resp: 435

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



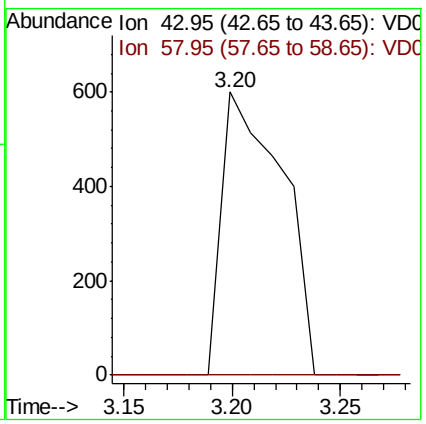


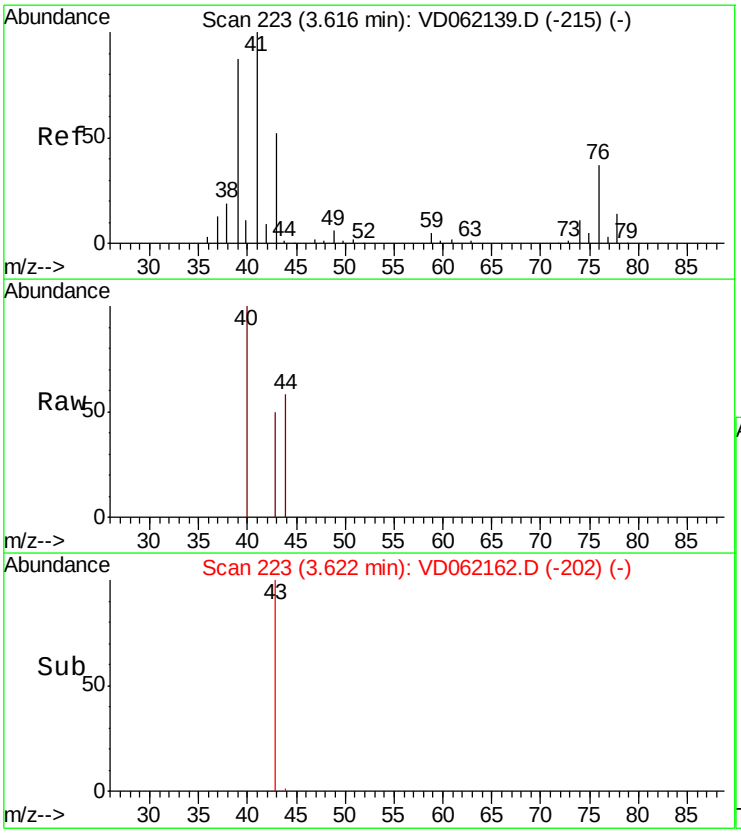

#16
Acetone
Concen: 17.613 ug/l
RT: 3.20 min Scan# 180
Delta R.T. 0.01 min
Lab File: VD062162.D
Acq: 8 May 2019 6:08

**Instrument :**
MSVOA_D
**ClientSampleId :**
SB-06-1.5-2.0

Tgt Ion: 43 Resp: 1167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 19.9 | 29.9# |

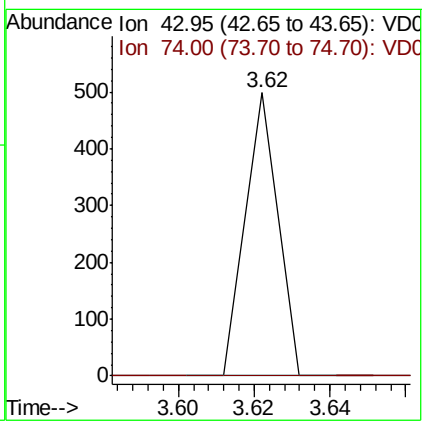


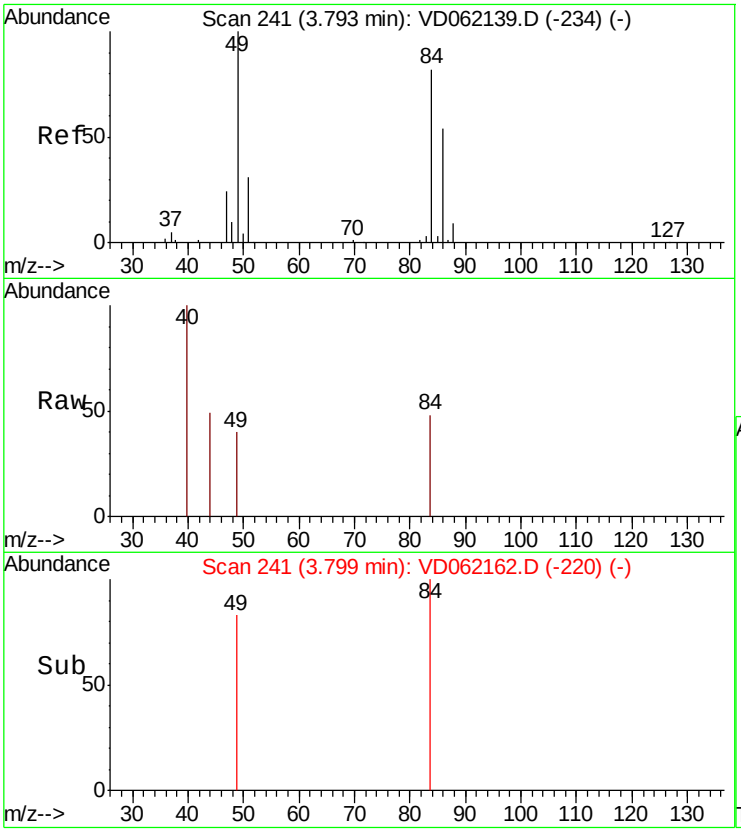




#18
Methyl Acetate
Concen: 2.191 ug/l
RT: 3.62 min Scan# 223
Delta R.T. 0.01 min
Lab File: VD062162.D
Acq: 8 May 2019 6:08

Tgt Ion: 43 Resp: 294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 18.0 | 27.0# |



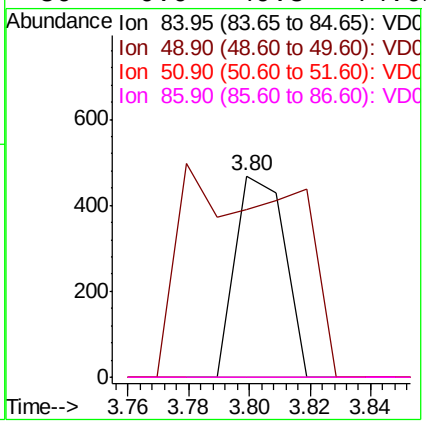


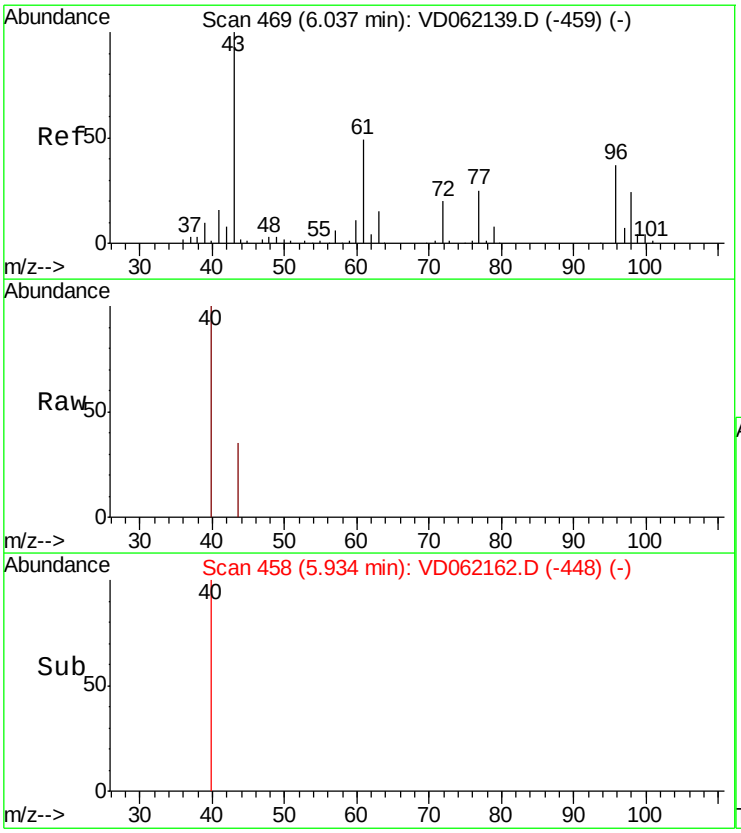

#20
Methylene Chloride
Concen: 1.916 ug/l
RT: 3.80 min Scan# 241
Delta R.T. 0.01 min
Lab File: VD062162.D
Acq: 8 May 2019 6:08

**Instrument :** MSVOA_D
**ClientSampleId :** SB-06-1.5-2.0

Tgt Ion: 84 Resp: 530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 83.1 | 94.0 | 141.0# |
| 51 | 0.0 | 29.0 | 43.4# |
| 86 | 0.0 | 49.8 | 74.6# |

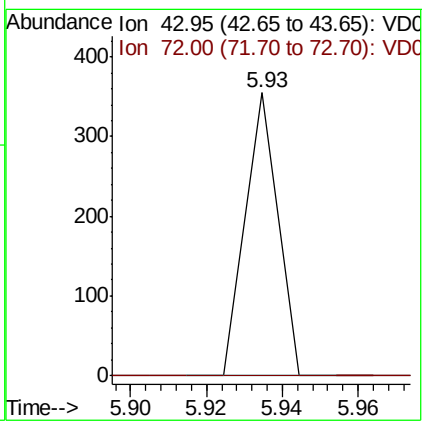


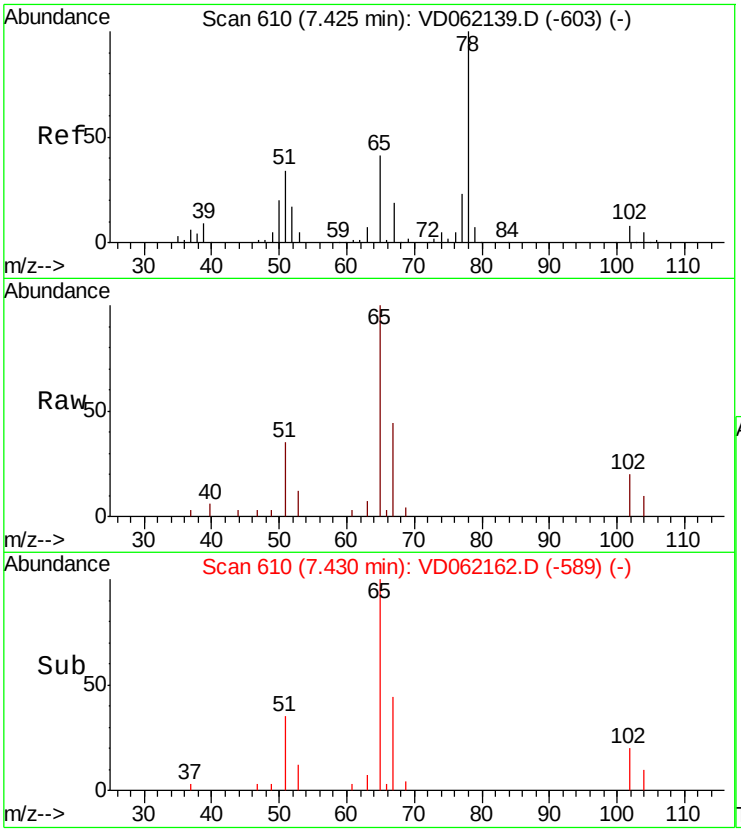




#25
2-Butanone
Concen: 2.906 ug/l
RT: 5.93 min Scan# 458
Delta R.T. -0.10 min
Lab File: VD062162.D
Acq: 8 May 2019 6:08

Tgt Ion: 43 Resp: 210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 16.2 | 24.4# |



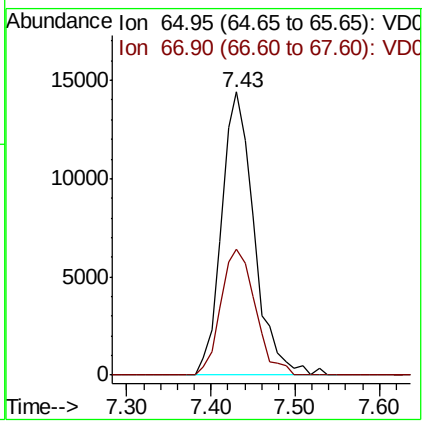


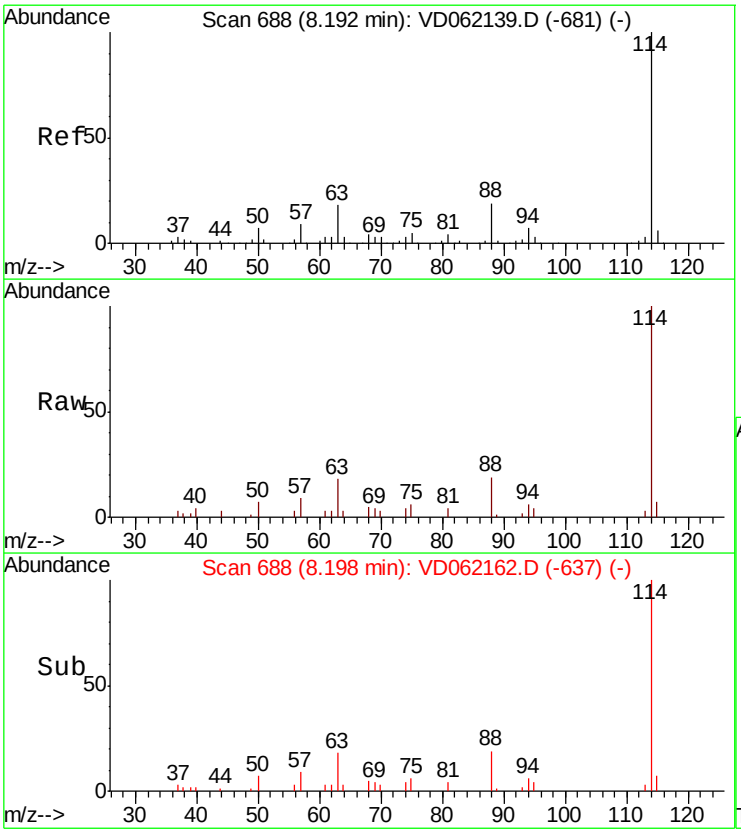

#33
1,2-Dichloroethane-d4
Concen: 122.615 ug/l
RT: 7.43 min Scan# 610
Delta R.T. 0.01 min
Lab File: VD062162.D
Acq: 8 May 2019 6:08

**Instrument :** MSVOA_D
**ClientSampleId :** SB-06-1.5-2.0

Tgt Ion: 65 Resp: 38741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 44.3 | 0.0 | 98.0 |

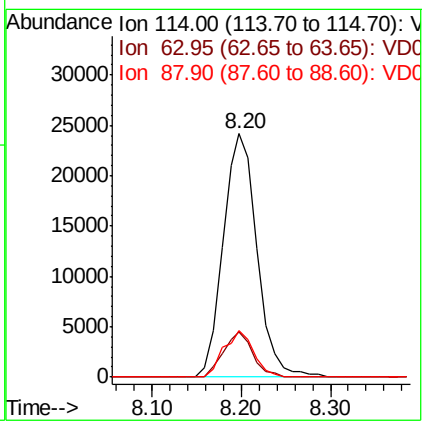


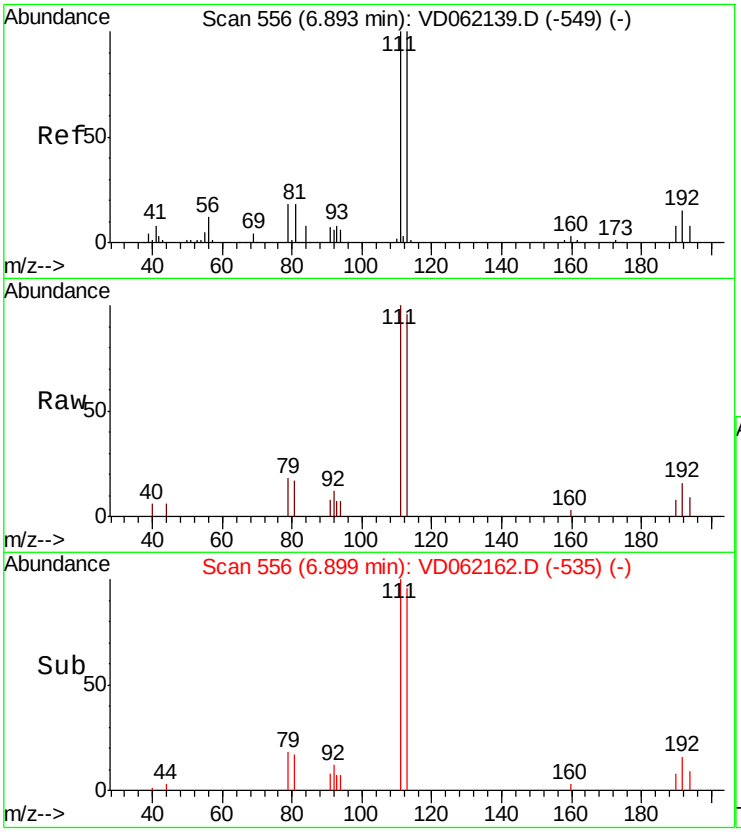




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 688
Delta R.T. 0.01 min
Lab File: VD062162.D
Acq: 8 May 2019 6:08

Tgt Ion:114 Resp: 63972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.5 | 0.0 | 32.4 |
| 88 | 19.3 | 0.0 | 33.6 |



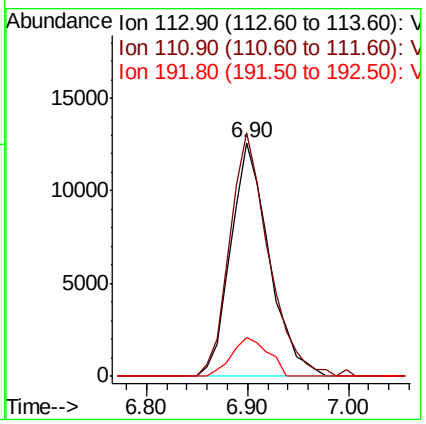


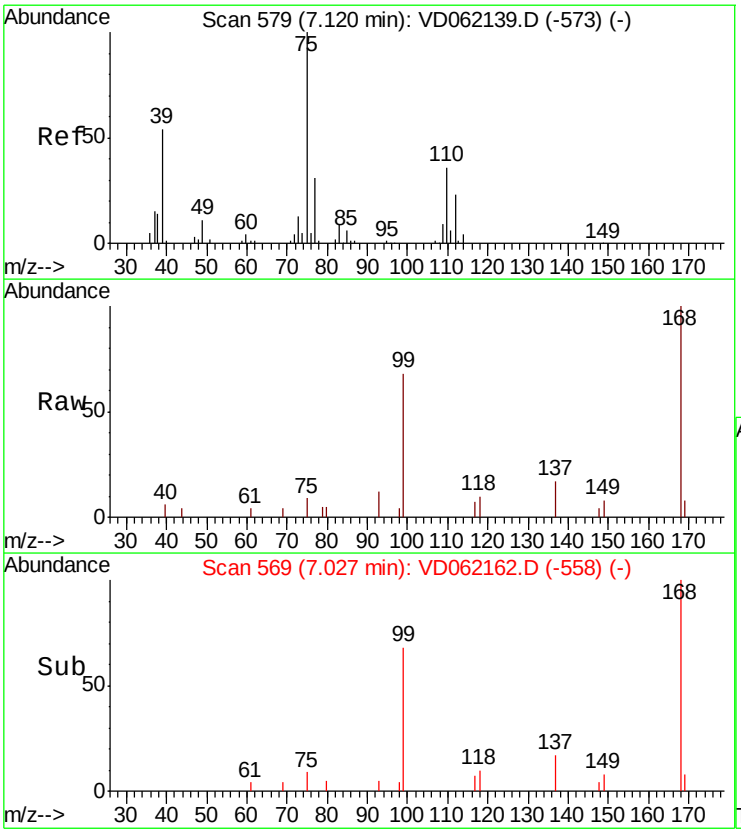

#35
Dibromofluoromethane
Concen: 62.700 ug/l
RT: 6.90 min Scan# 556
Delta R.T. 0.01 min
Lab File: VD062162.D
Acq: 8 May 2019 6:08

**Instrument :**
MSVOA_D
**ClientSampleId :**
SB-06-1.5-2.0

Tgt Ion:113 Resp: 33280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.1 | 78.5 | 117.7 |
| 192 | 16.8 | 13.0 | 19.4 |

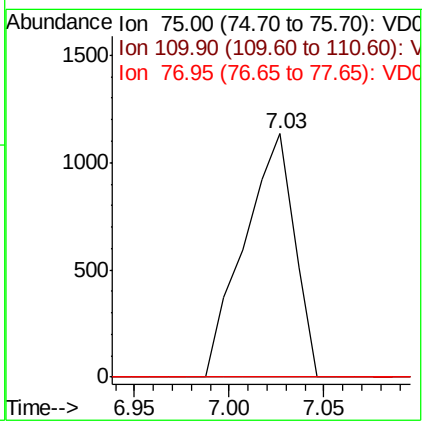


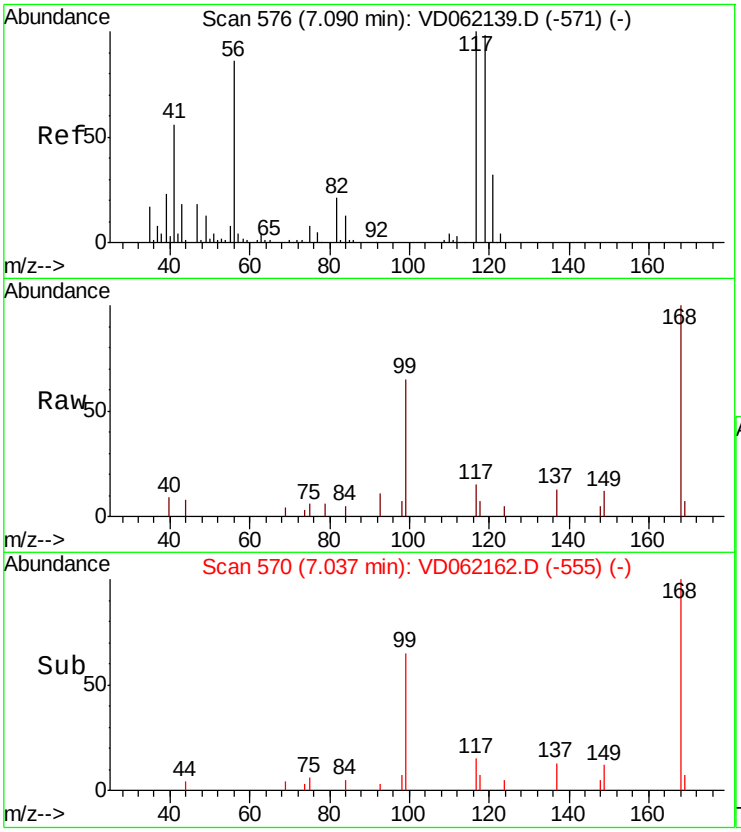




#36
1,1-Dichloropropene
Concen: 3.979 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.09 min
Lab File: VD062162.D
Acq: 8 May 2019 6:08

Tgt Ion: 75 Resp: 2087

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



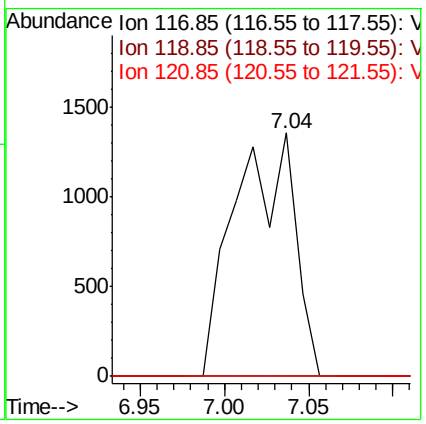


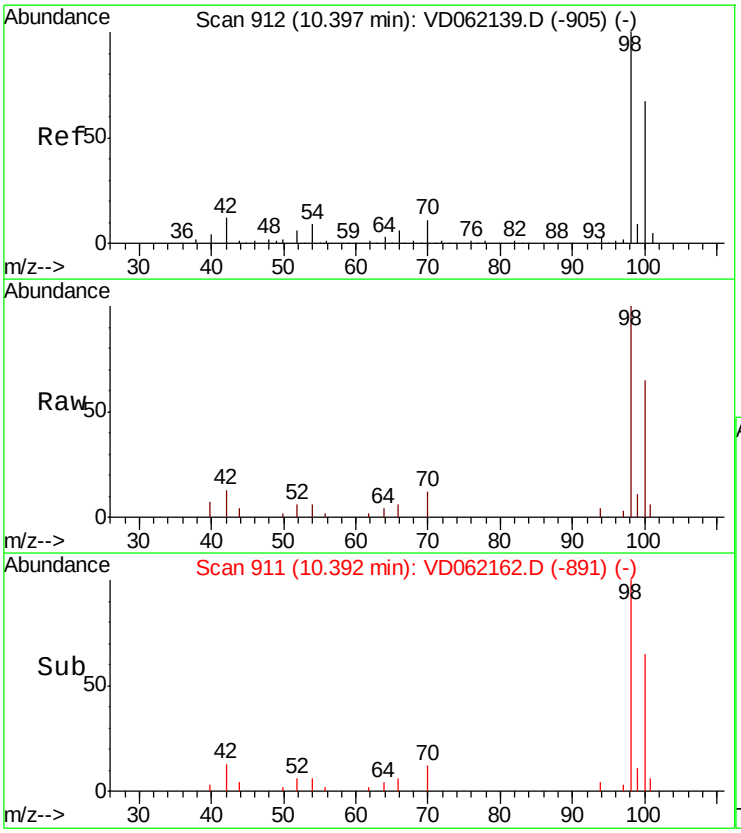

#38
Carbon Tetrachloride
Concen: 4.557 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.05 min
Lab File: VD062162.D
Acq: 8 May 2019 6:08

**Instrument :** MSVOA_D
**ClientSampleId :** SB-06-1.5-2.0

Tgt Ion:117 Resp: 3308

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

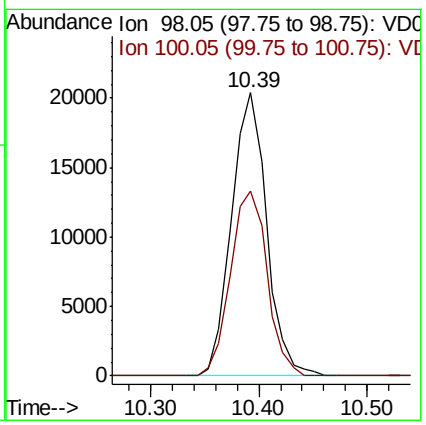


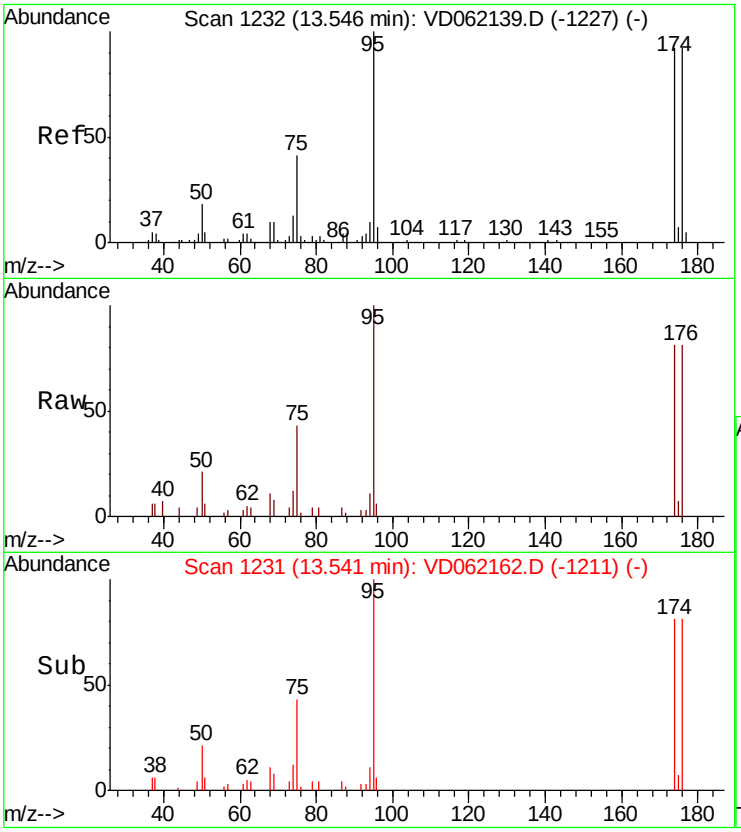




#50
Toluene-d8
Concen: 35.884 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.00 min
Lab File: VD062162.D
Acq: 8 May 2019 6:08

Tgt Ion: 98 Resp: 45923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.2 | 53.8 | 80.8 |



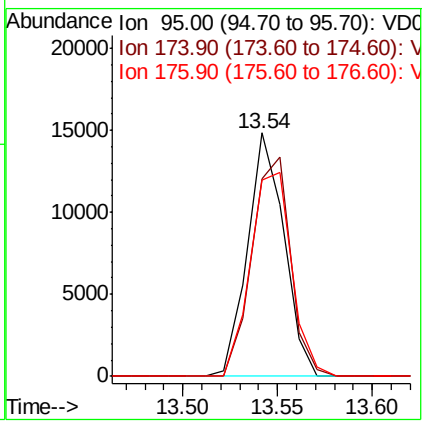


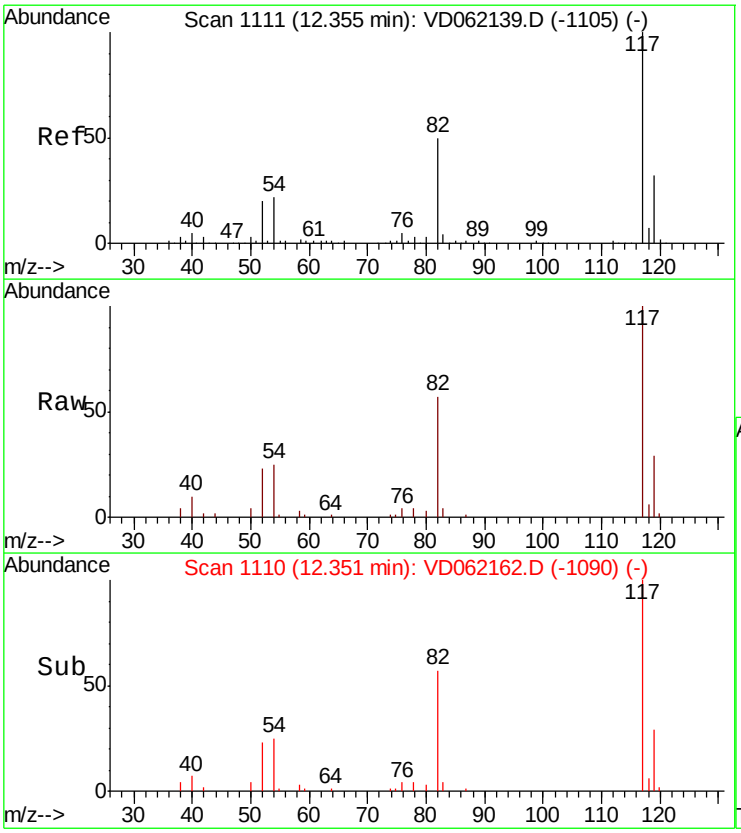

#62
4-Bromofluorobenzene
Concen: 38.529 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD062162.D
Acq: 8 May 2019 6:08

**Instrument :** MSVOA_D
**ClientSampleId :** SB-06-1.5-2.0

Tgt Ion: 95 Resp: 19800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 80.9 | 0.0 | 181.8 |
| 176 | 80.8 | 0.0 | 174.4 |

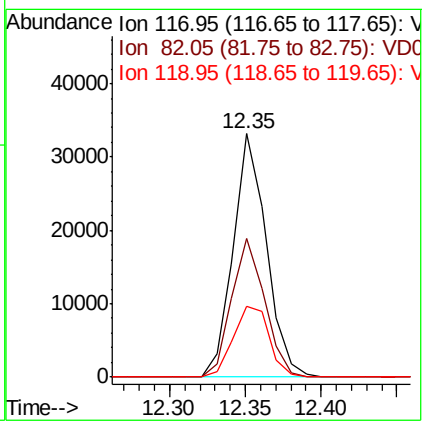


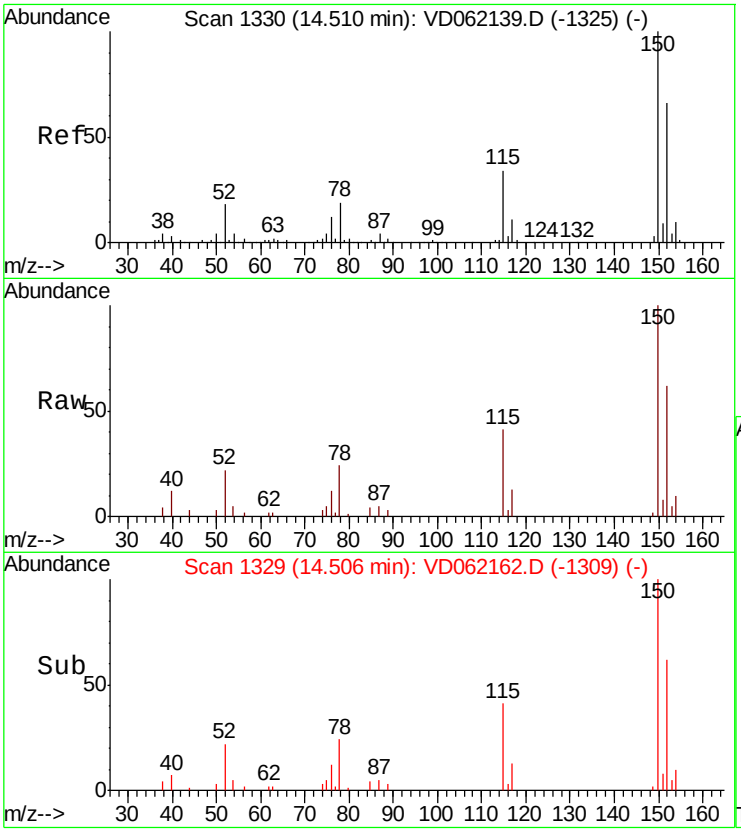




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD062162.D
Acq: 8 May 2019 6:08

Tgt Ion:117 Resp: 50399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.8 | 36.2 | 54.2# |
| 119 | 29.3 | 26.2 | 39.4 |



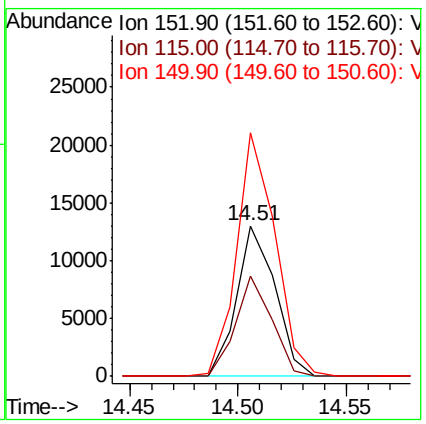


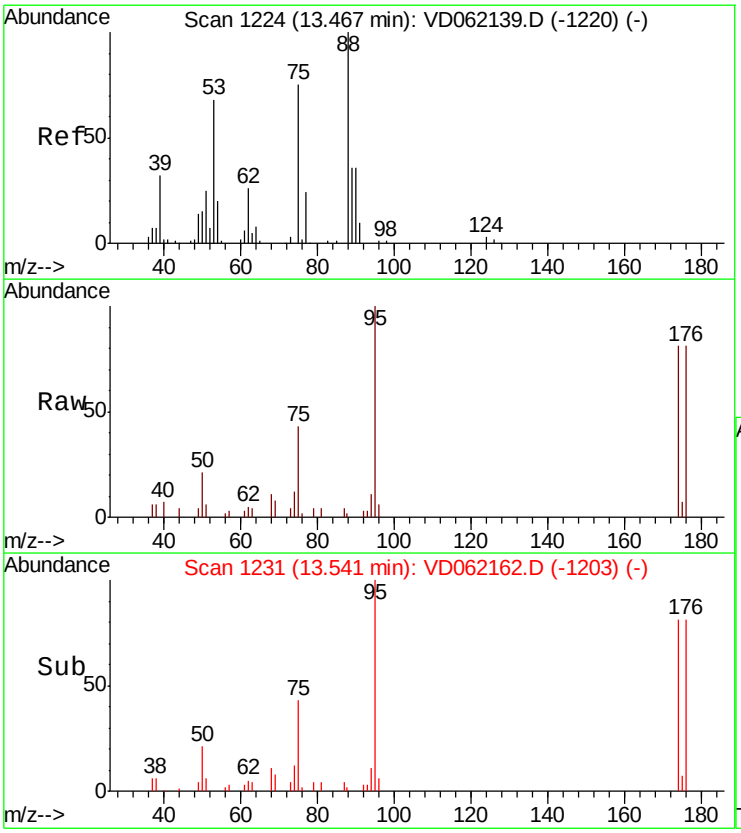

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD062162.D
Acq: 8 May 2019 6:08

**Instrument :**
MSVOA_D
**ClientSampleId :**
SB-06-1.5-2.0

Tgt Ion:152 Resp: 16115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 66.9 | 30.9 | 92.7 |
| 150 | 161.7 | 0.0 | 314.8 |

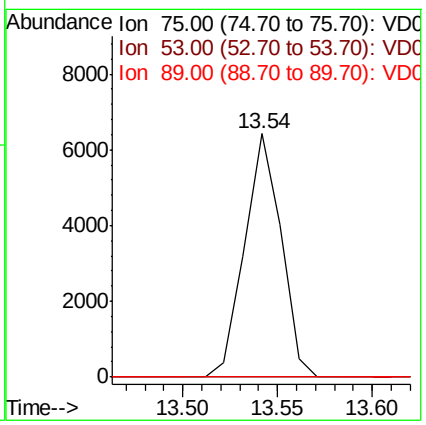


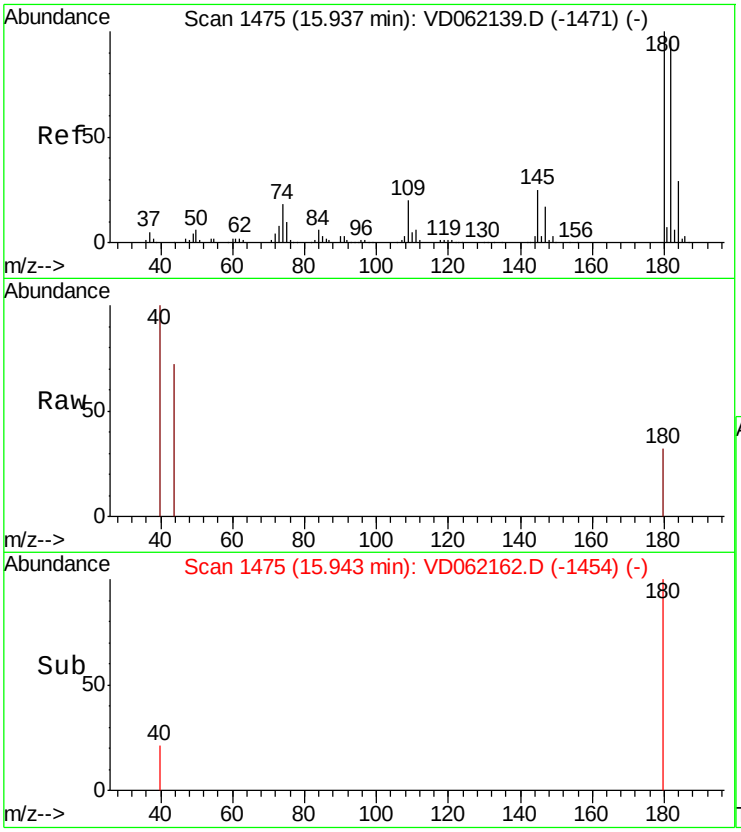




#81
trans-1,4-Dichloro-2-butene
Concen: 158.364 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.07 min
Lab File: VD062162.D
Acq: 8 May 2019 6:08

Tgt Ion: 75 Resp: 8562

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



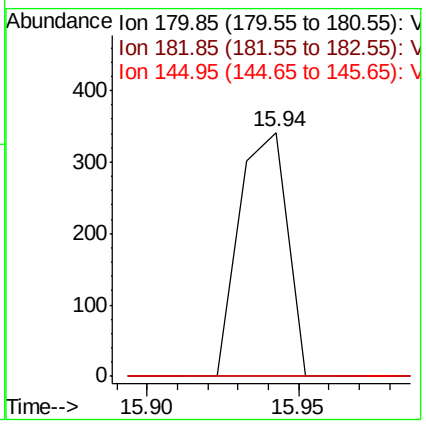


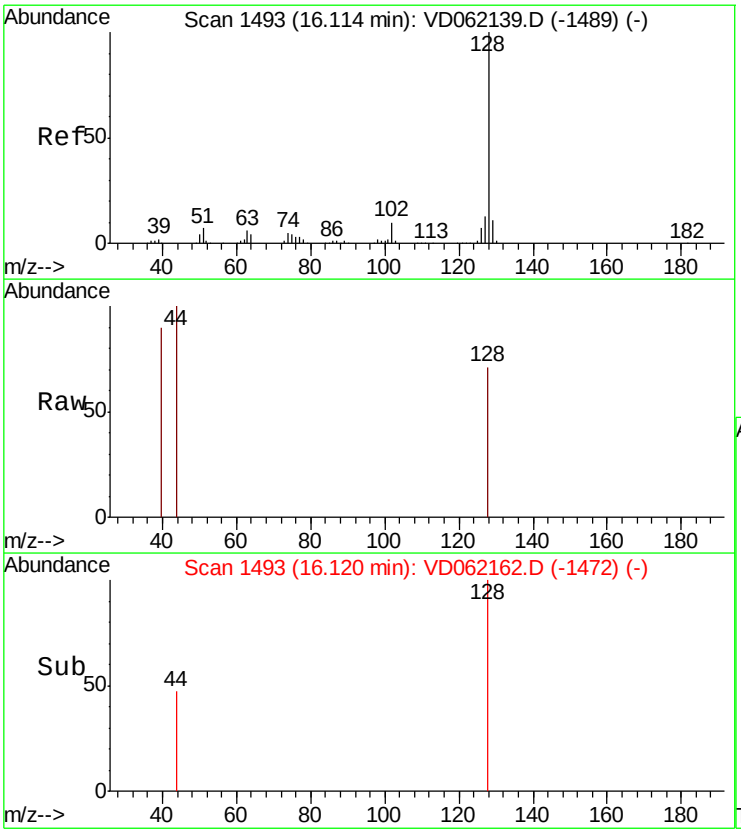

#93
1,2,4-Trichlorobenzene
Concen: 1.280 ug/l
RT: 15.94 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VD062162.D
Acq: 8 May 2019 6:08

**Instrument :**
MSVOA_D
**ClientSampleId :**
SB-06-1.5-2.0

Tgt Ion:180 Resp: 379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 0.0 | 49.3 | 147.8# |
| 145 | 0.0 | 16.2 | 48.6# |




#95
Naphthalene
Concen: 2.242 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VD062162.D
Acq: 8 May 2019 6:08

Tgt Ion:128 Resp: 927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 0.0 | 9.8 | 14.8# |
| 129 | 0.0 | 8.8 | 13.2# |