Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071018\
Data File : VW003841.D
Acq On : 10 Jul 2018 22:09
Operator : SY/AP
Sample : J3886-02RE
Misc : 6.12G/5ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** EPE-108-6A(60-62)RE

Quant Time: Jul 11 04:45:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.95 | 168 | 132731 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.85 | 114 | 232994 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.63 | 117 | 179937 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152 | 46078 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.31 | 65 | 62534 | 36.03 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 72.06% | | | |
| 35) Dibromofluoromethane | 7.88 | 113 | 55233 | 33.87 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 67.74% | | | |
| 50) Toluene-d8 | 10.33 | 98 | 146377 | 23.47 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 46.94% | | | |
| 62) 4-Bromofluorobenzene | 12.62 | 95 | 34300 | 15.20 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 30.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 11) Tert butyl alcohol | 5.18 | 59 | 266 | 2.828 | ug/l # | 70 |
| 16) Acetone | 4.12 | 43 | 27760 | 92.181 | ug/l | 97 |
| 20) Methylene Chloride | 4.92 | 84 | 9952 | 2.627 | ug/l | 88 |
| 25) 2-Butanone | 7.15 | 43 | 1250 | 2.650 | ug/l # | 51 |
| 26) 2,2-Dichloropropane | 7.16 | 77 | 1731 | 1.107 | ug/l # | 53 |
| 31) Cyclohexane | 7.95 | 56 | 3655 | 1.443 | ug/l # | 32 |
| 36) 1,1-Dichloropropene | 7.95 | 75 | 11716 | 4.739 | ug/l # | 51 |
| 38) Carbon Tetrachloride | 7.95 | 117 | 13824 | 5.881 | ug/l # | 17 |
| 58) 2-Chloroethyl Vinyl ether | 9.93 | 63 | 47 | 13.219 | ug/l # | 49 |
| 76) 1,2,3-Trichloropropane | 12.62 | 75 | 18123 | 40.053 | ug/l # | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.62 | 75 | 18123 | 97.979 | ug/l # | 8 |

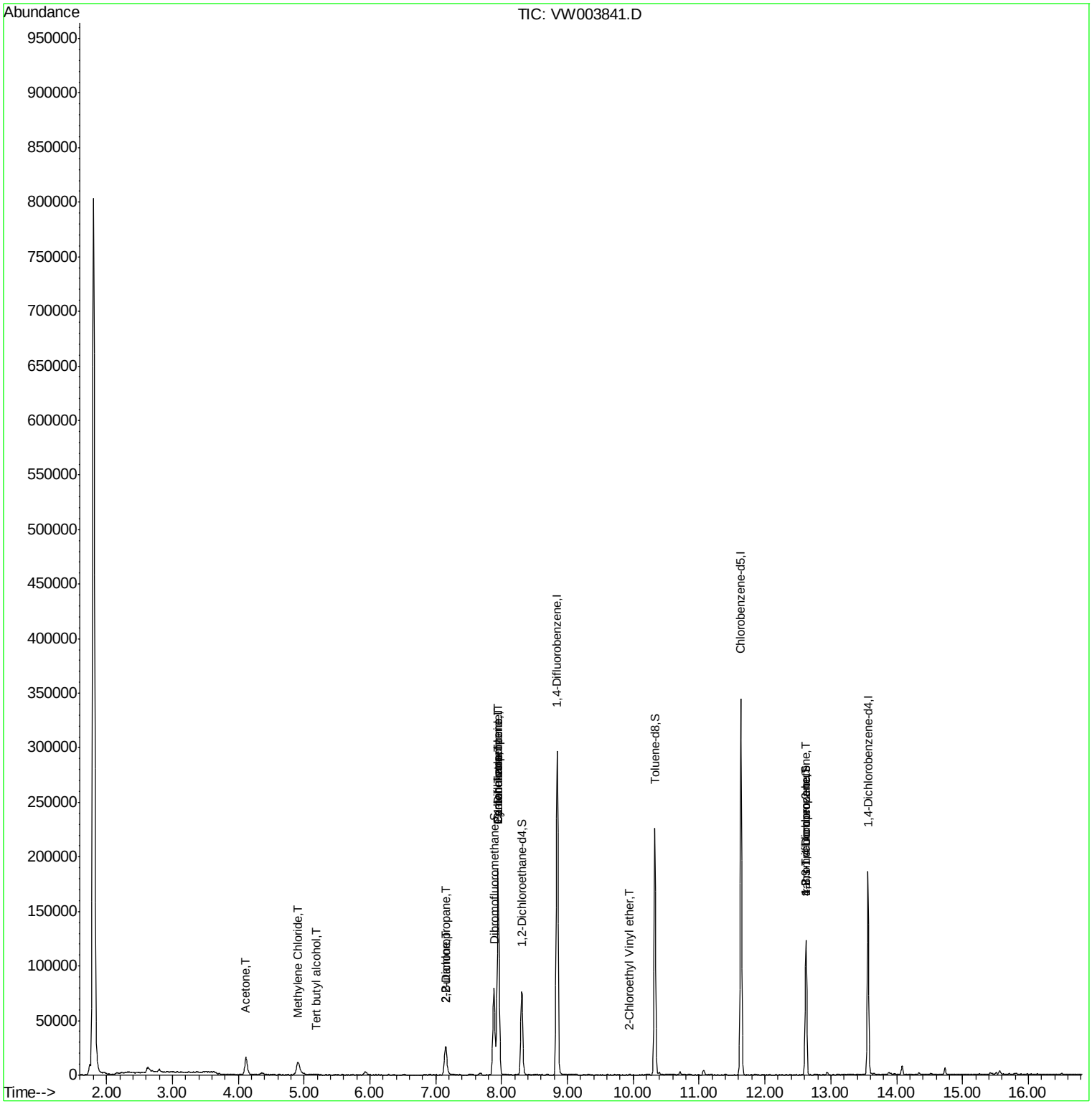
(#) = qualifier out of range (m) = manual integration (+) = signals summed

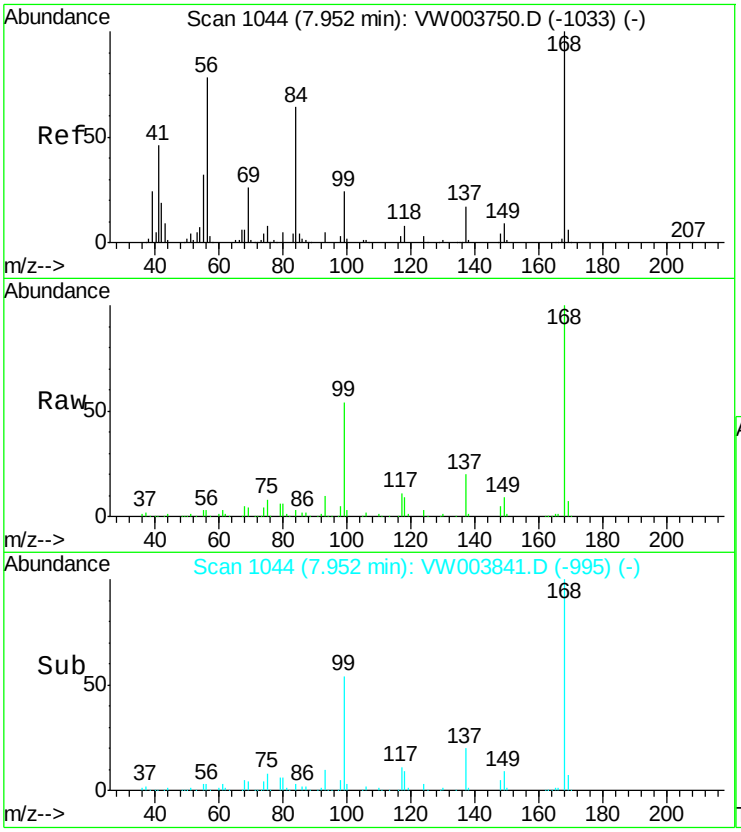
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071018\
Data File : VW003841.D
Acq On : 10 Jul 2018 22:09
Operator : SY/AP
Sample : J3886-02RE
Misc : 6.12G/5ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-6A(60-62)RE

Quant Time: Jul 11 04:45:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration



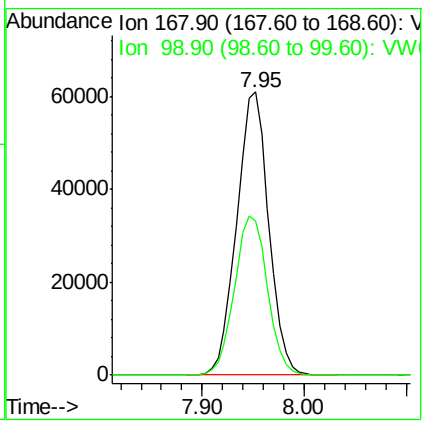


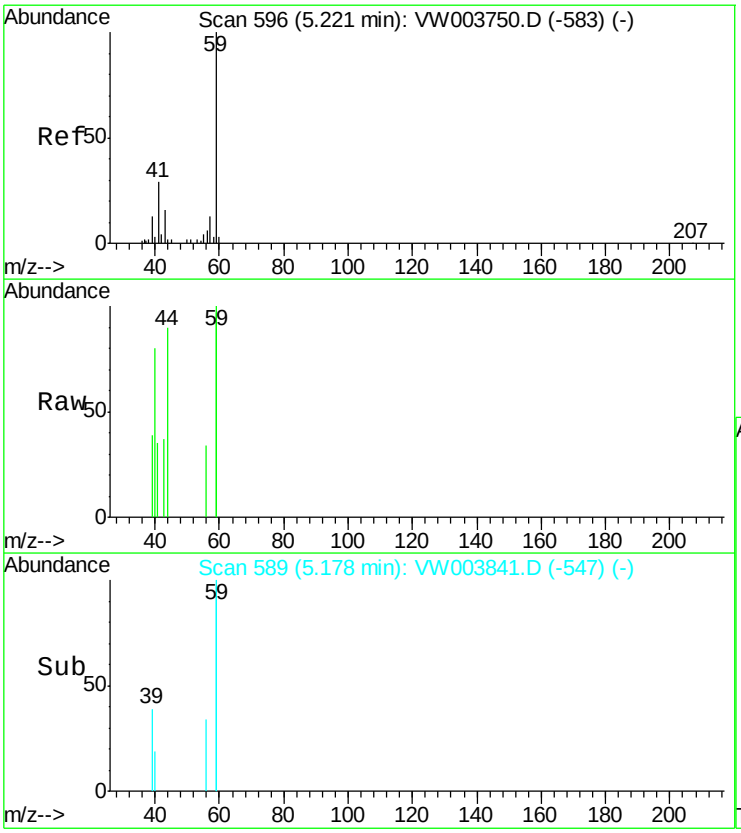

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003841.D
Acq: 10 Jul 2018 22:09

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-6A(60-62)RE

Tgt Ion:168 Resp: 132731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 54.3 | 45.0 | 67.6 |

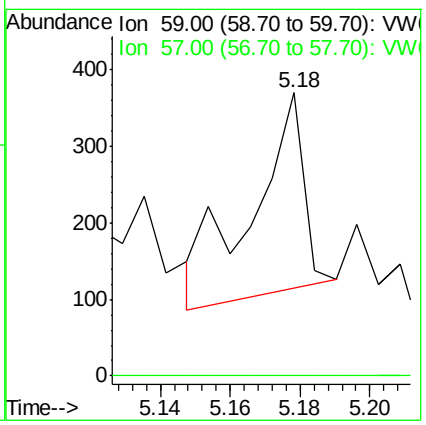


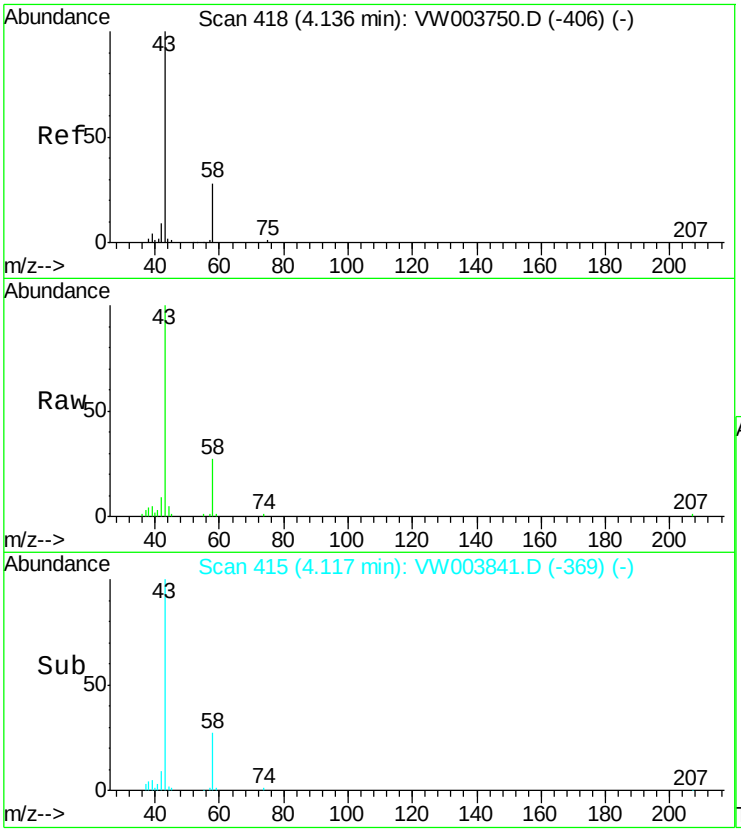




#11
Tert butyl alcohol
Concen: 2.828 ug/l
RT: 5.18 min Scan# 589
Delta R.T. -0.04 min
Lab File: VW003841.D
Acq: 10 Jul 2018 22:09

Tgt Ion: 59 Resp: 266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 9.3 | 13.9# |



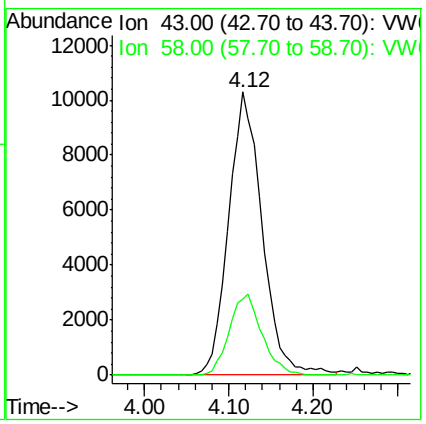


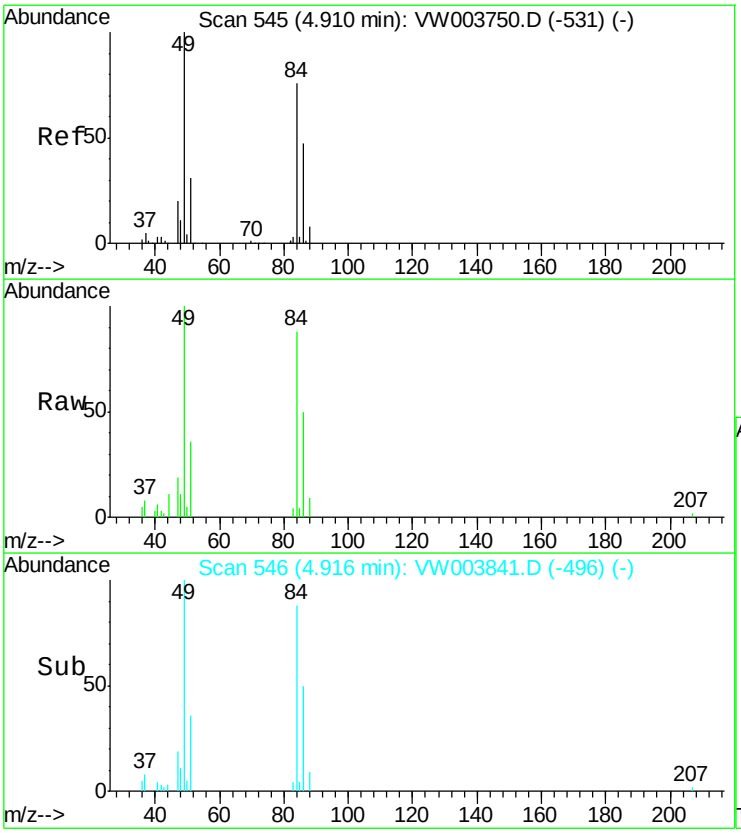

#16
Acetone
Concen: 92.181 ug/l
RT: 4.12 min Scan# 415
Delta R.T. -0.02 min
Lab File: VW003841.D
Acq: 10 Jul 2018 22:09

**Instrument :** MSVOA_W
**ClientSampleId :** EPE-108-6A(60-62)RE

Tgt Ion: 43 Resp: 27760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.9 | 22.6 | 34.0 |

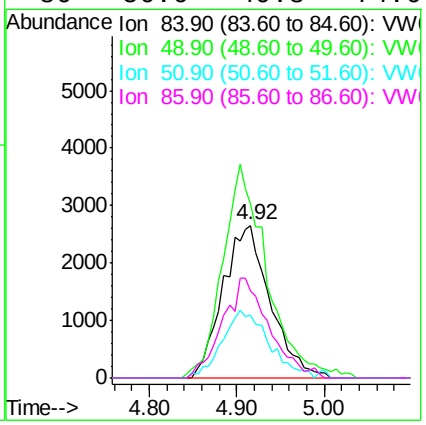


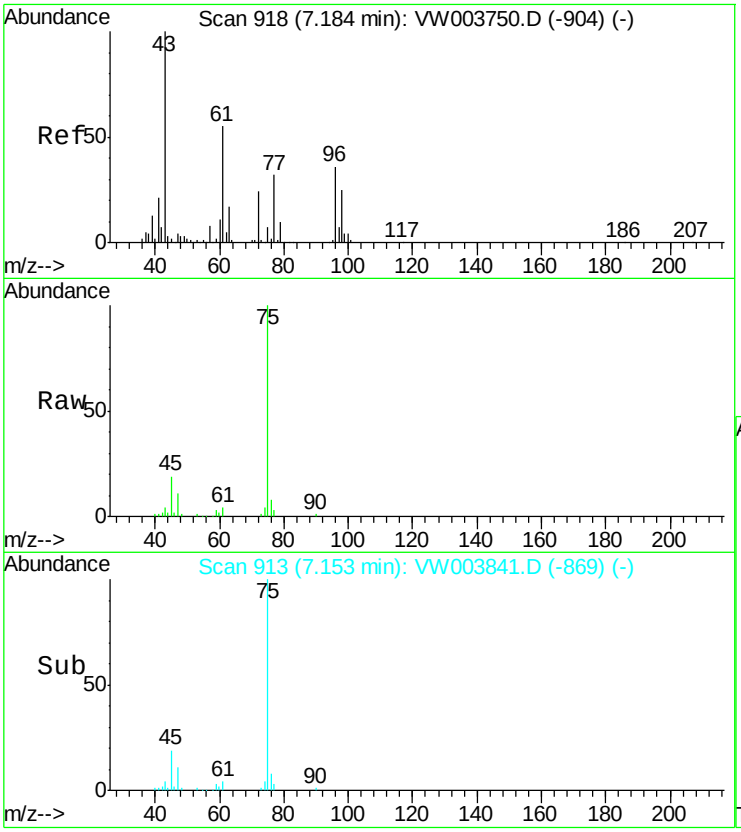




#20
Methylene Chloride
Concen: 2.627 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003841.D
Acq: 10 Jul 2018 22:09

Tgt Ion: 84 Resp: 9952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 111.1 | 105.1 | 157.7 |
| 51 | 41.0 | 32.5 | 48.7 |
| 86 | 56.6 | 49.8 | 74.6 |



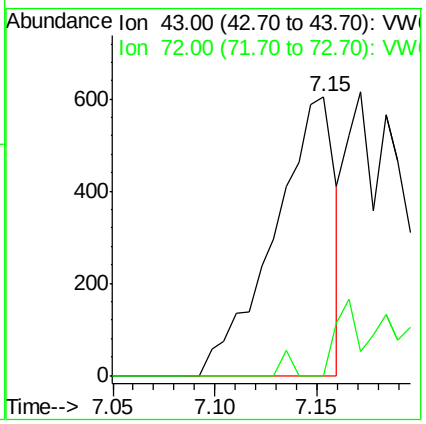


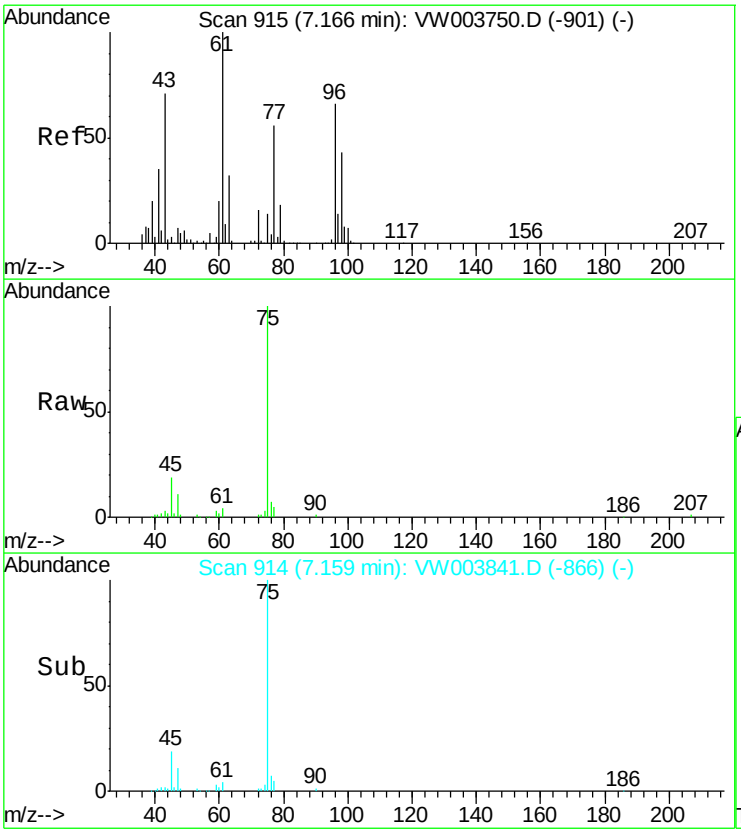

#25
2-Butanone
Concen: 2.650 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.03 min
Lab File: VW003841.D
Acq: 10 Jul 2018 22:09

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-6A(60-62)RE

Tgt Ion: 43 Resp: 1250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 19.4 | 29.2# |

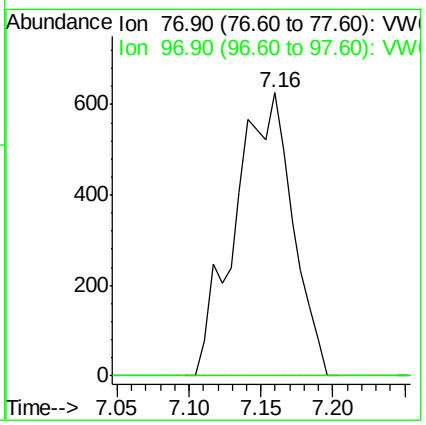


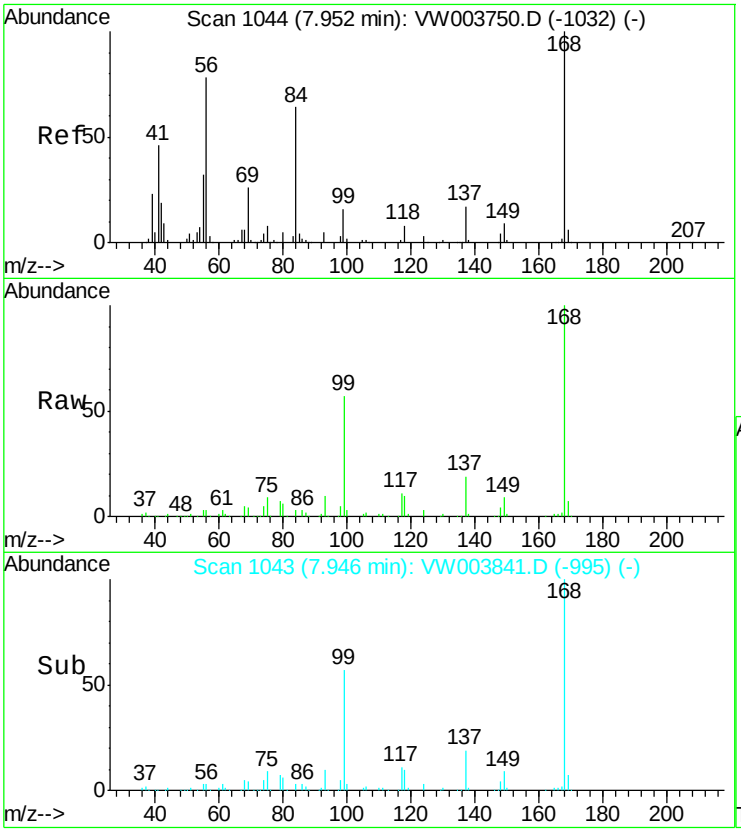




#26
2,2-Dichloropropane
Concen: 1.107 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW003841.D
Acq: 10 Jul 2018 22:09

Tgt Ion: 77 Resp: 1731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 0.0 | 11.5 | 34.5# |



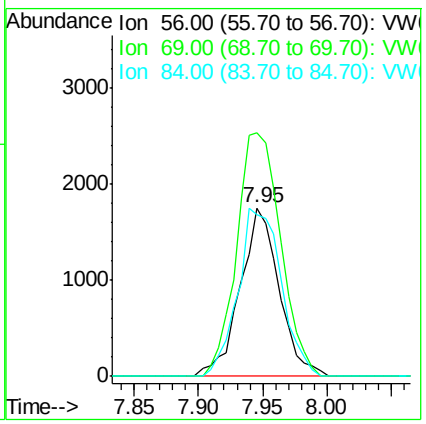


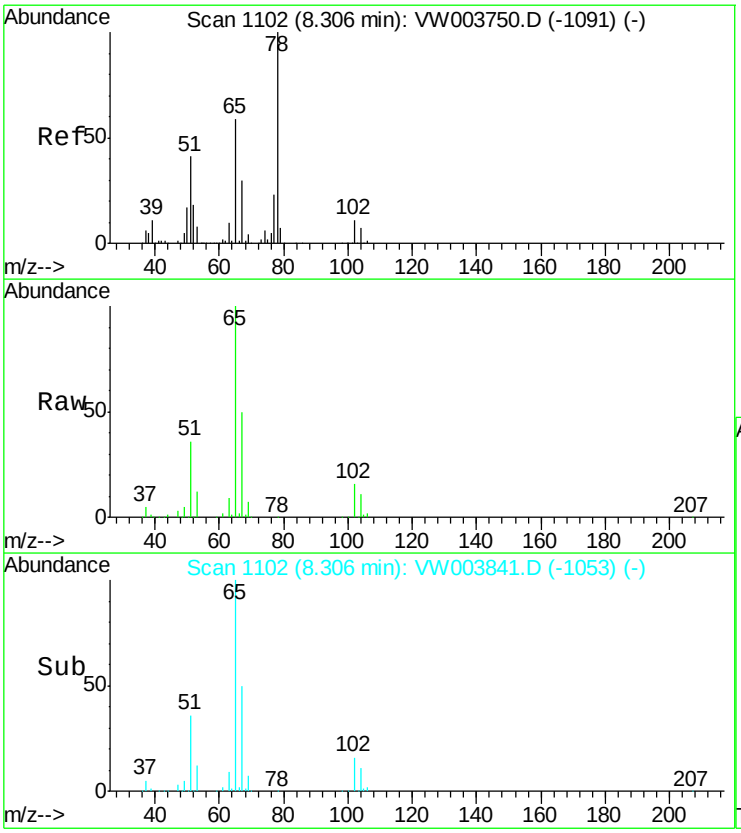

#31
Cyclohexane
Concen: 1.443 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003841.D
Acq: 10 Jul 2018 22:09

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-6A(60-62)RE

Tgt Ion: 56 Resp: 3655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 144.3 | 26.2 | 39.4# |
| 84 | 96.0 | 65.5 | 98.3 |

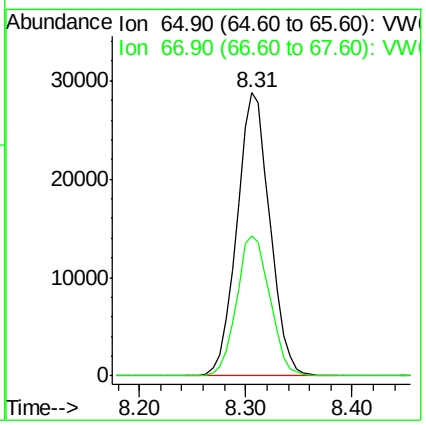


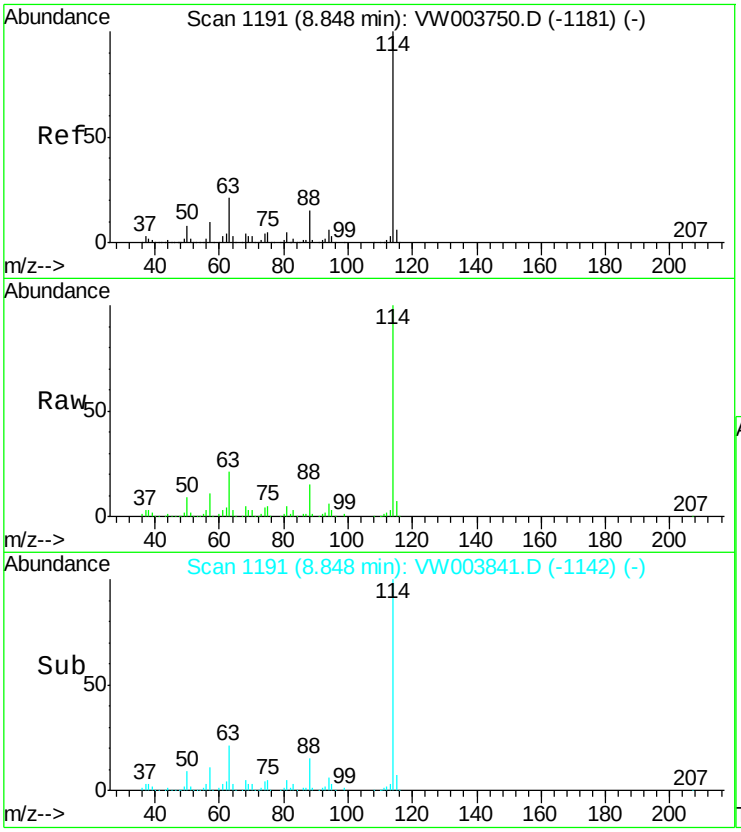




#33
1,2-Dichloroethane-d4
Concen: 36.027 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW003841.D
Acq: 10 Jul 2018 22:09

Tgt Ion: 65 Resp: 62534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.0 | 0.0 | 103.8 |



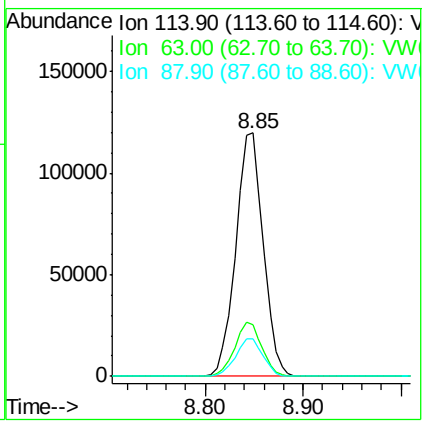


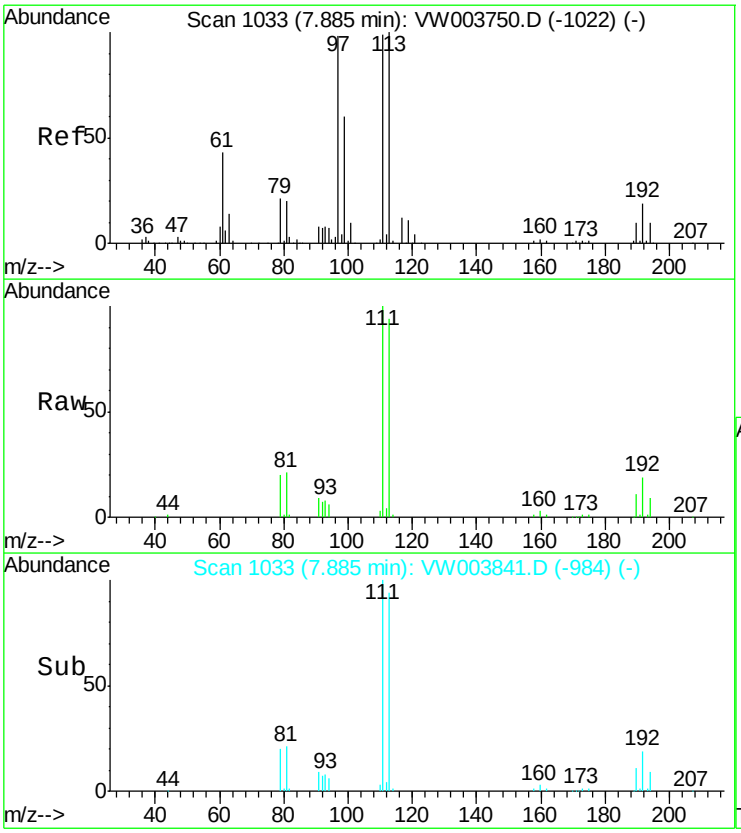

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. 0.00 min
Lab File: VW003841.D
Acq: 10 Jul 2018 22:09

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-6A(60-62)RE

Tgt Ion:114 Resp: 232994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.2 | 0.0 | 41.8 |
| 88 | 15.3 | 0.0 | 30.2 |

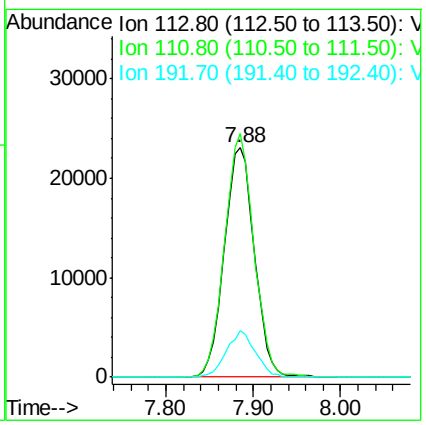


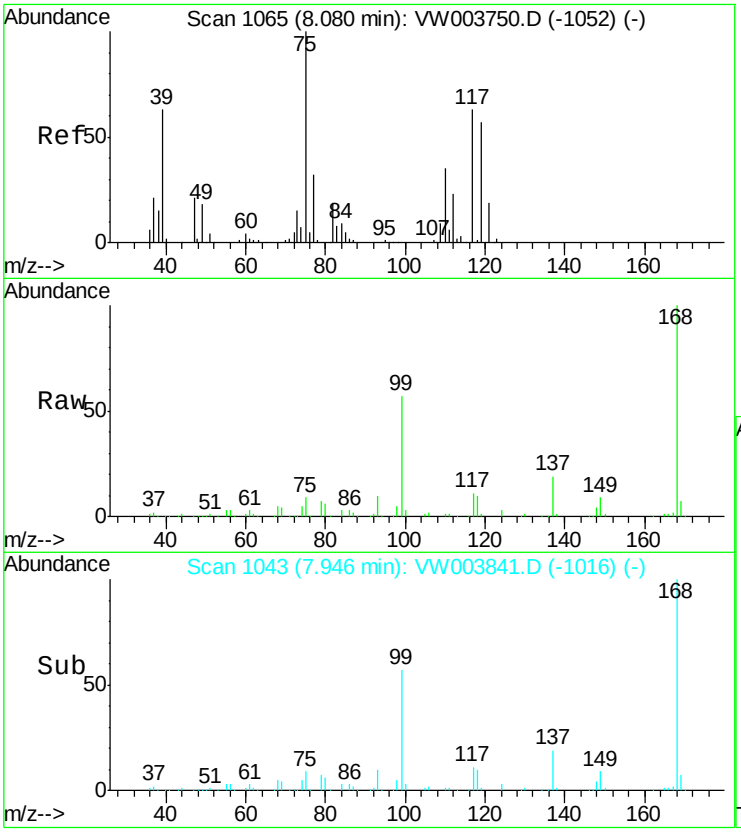




#35
Dibromofluoromethane
Concen: 33.871 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW003841.D
Acq: 10 Jul 2018 22:09

Tgt Ion:113 Resp: 55233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.4 | 81.7 | 122.5 |
| 192 | 19.5 | 15.8 | 23.8 |



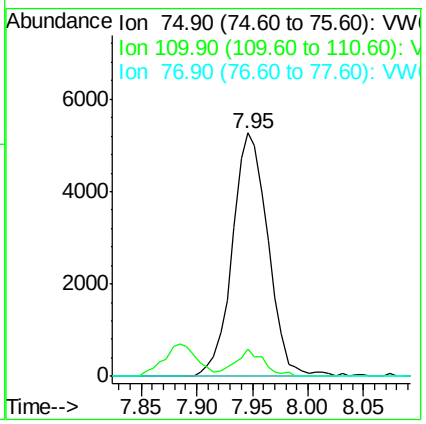


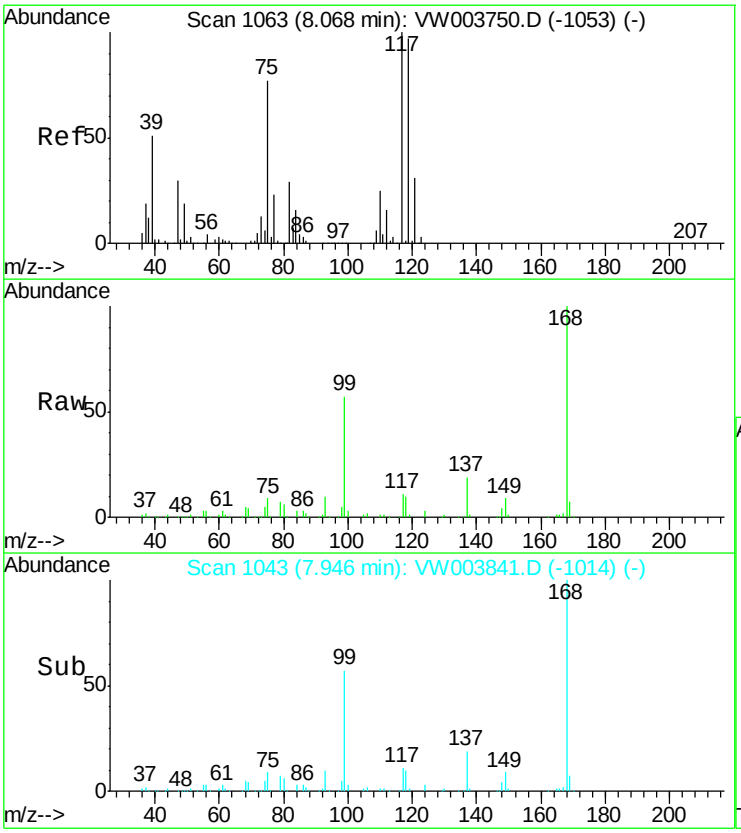

#36
1,1-Dichloropropene
Concen: 4.739 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.13 min
Lab File: VW003841.D
Acq: 10 Jul 2018 22:09

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-6A(60-62)RE

Tgt Ion: 75 Resp: 11716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.1 | 16.9 | 50.6# |
| 77 | 0.0 | 24.8 | 37.2# |

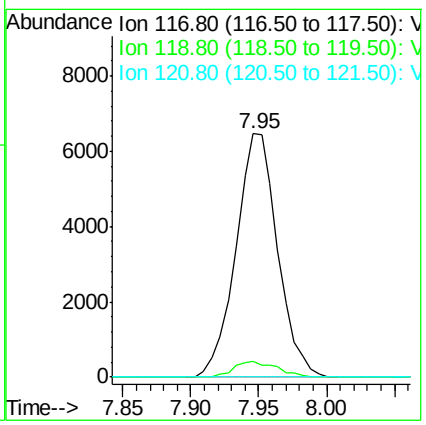


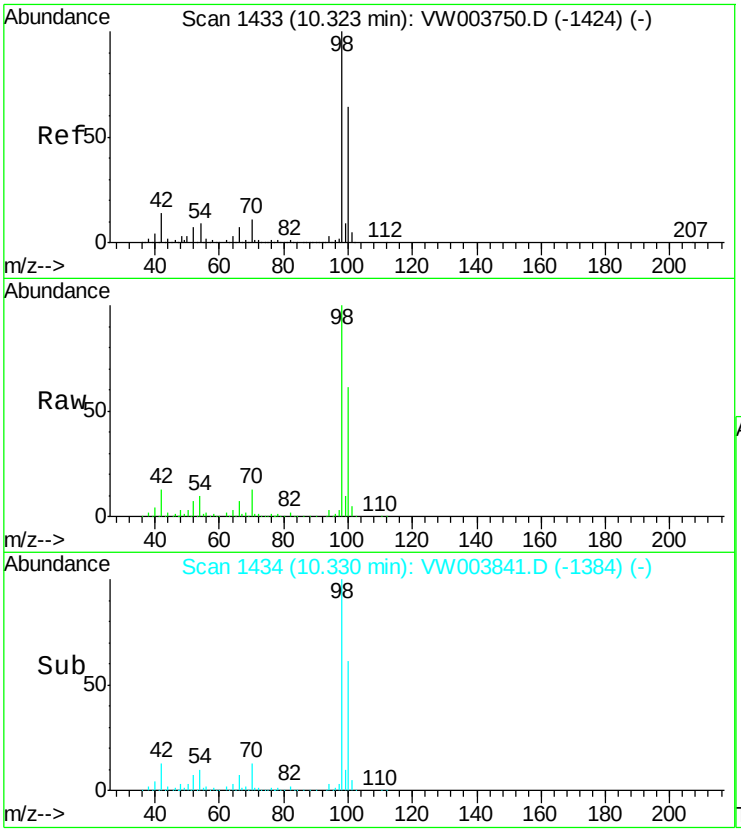




#38
Carbon Tetrachloride
Concen: 5.881 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW003841.D
Acq: 10 Jul 2018 22:09

Tgt Ion:117 Resp: 13824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 6.6 | 77.4 | 116.2# |
| 121 | 0.0 | 24.6 | 37.0# |



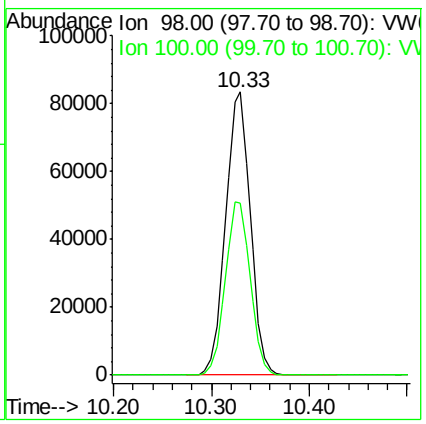


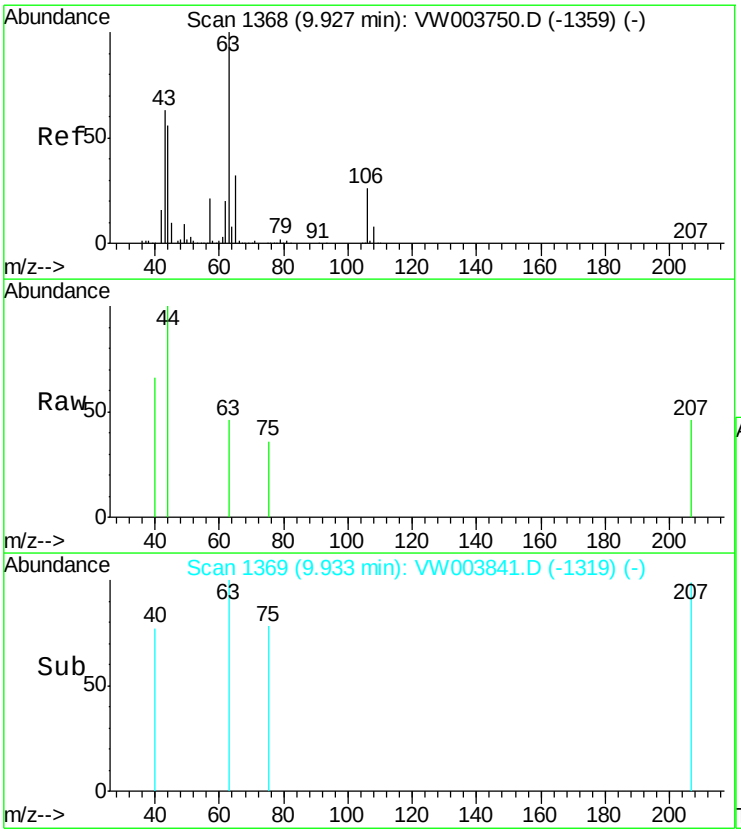

#50
Toluene-d8
Concen: 23.466 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003841.D
Acq: 10 Jul 2018 22:09

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-6A(60-62)RE

Tgt Ion: 98 Resp: 146377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 61.6 | 50.8 | 76.2 |

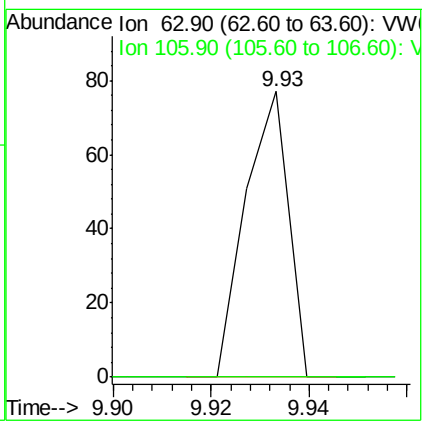


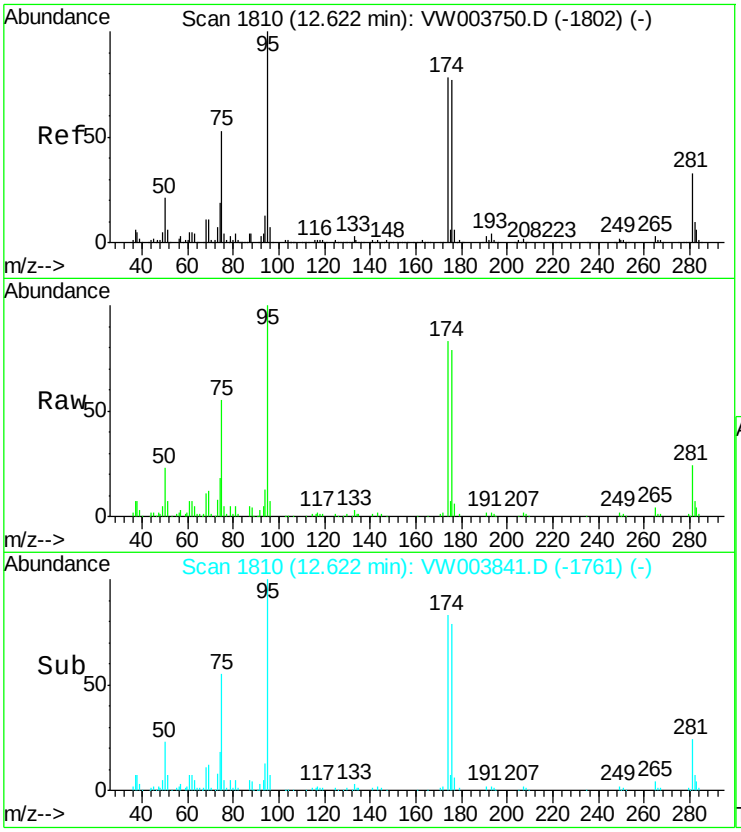




#58
2-Chloroethyl Vinyl ether
Concen: 13.219 ug/l
RT: 9.93 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VW003841.D
Acq: 10 Jul 2018 22:09

Tgt Ion: 63 Resp: 47

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 0.0 | 20.9 | 31.3# |



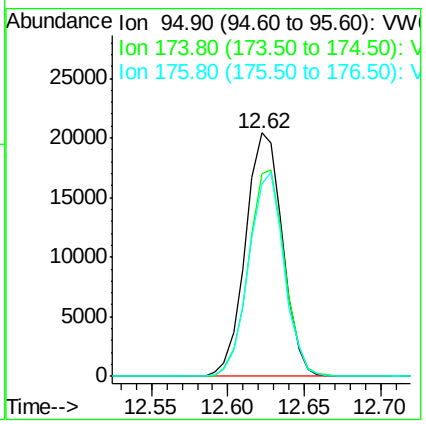


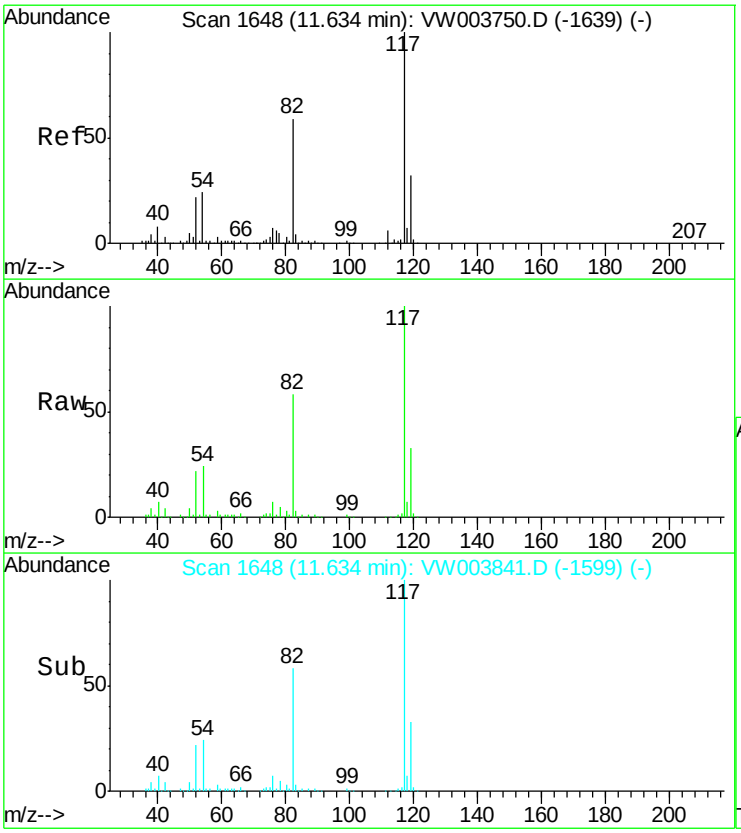

#62
4-Bromofluorobenzene
Concen: 15.198 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW003841.D
Acq: 10 Jul 2018 22:09

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-6A(60-62)RE

Tgt Ion: 95 Resp: 34300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 83.2 | 0.0 | 163.4 |
| 176 | 80.1 | 0.0 | 156.8 |

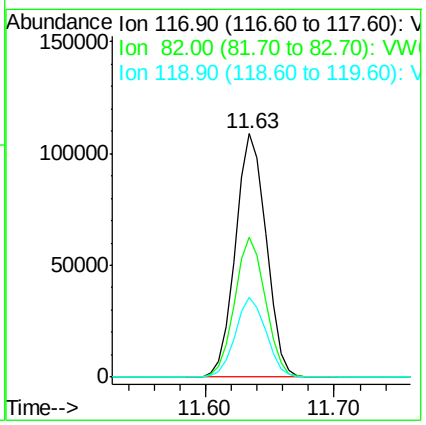


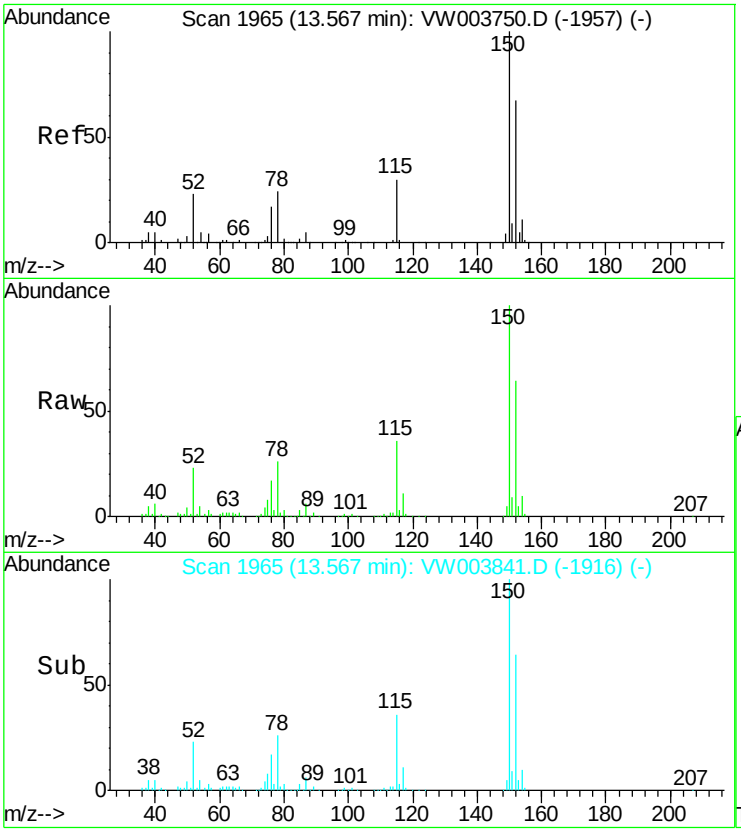




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003841.D
Acq: 10 Jul 2018 22:09

Tgt Ion:117 Resp: 179937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.6 | 46.9 | 70.3 |
| 119 | 32.5 | 25.5 | 38.3 |



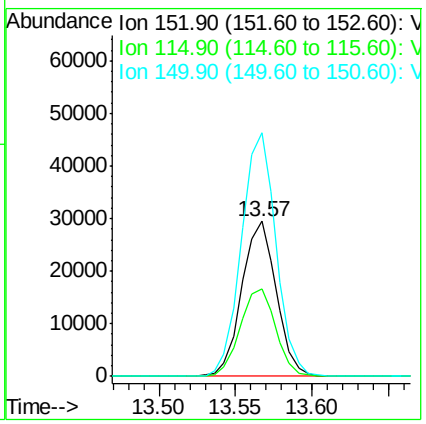


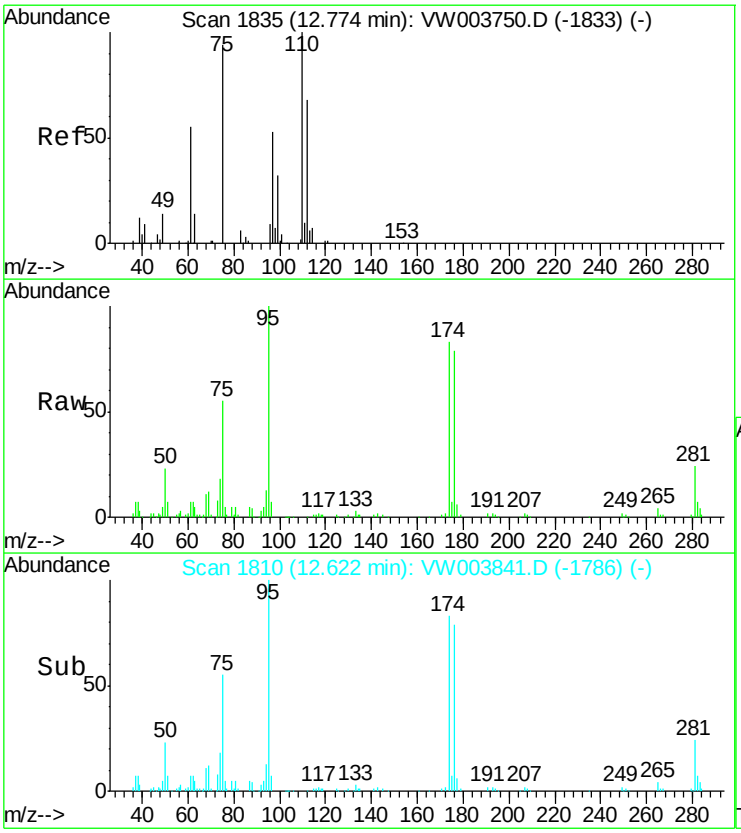

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003841.D
Acq: 10 Jul 2018 22:09

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-6A(60-62)RE

Tgt Ion:152 Resp: 46078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 58.1 | 28.9 | 86.8 |
| 150 | 157.7 | 0.0 | 342.4 |

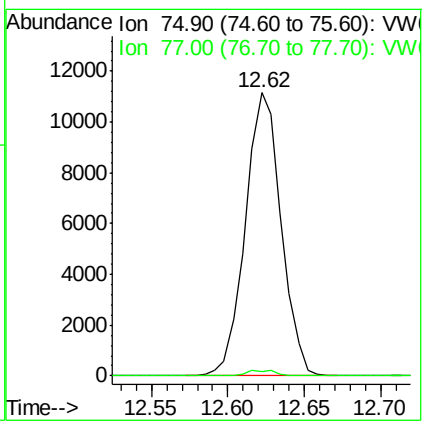


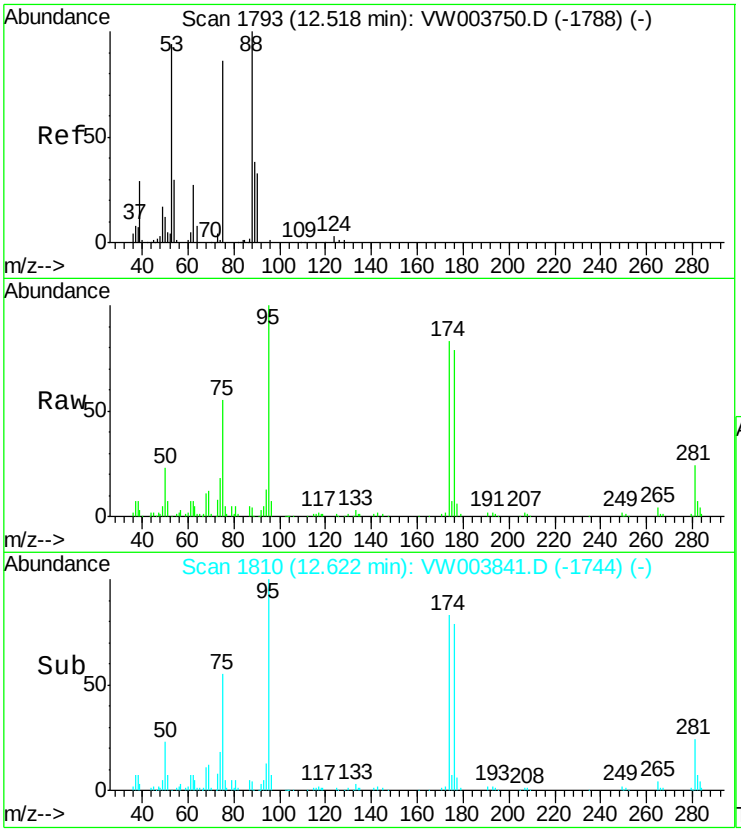




#76
1,2,3-Trichloropropane
Concen: 40.053 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW003841.D
Acq: 10 Jul 2018 22:09

Tgt Ion: 75 Resp: 18123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.4 | 0.0 | 0.0# |






#81
trans-1,4-Dichloro-2-butene
Concen: 97.979 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW003841.D
Acq: 10 Jul 2018 22:09

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-6A(60-62)RE

Tgt Ion: 75 Resp: 18123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.4 | 85.0 | 127.6# |
| 89 | 0.5 | 36.3 | 54.5# |