Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
Data File : VW000959.D
Acq On : 24 Jan 2018 20:17
Operator : JC/SY
Sample : J1241-02RE
Misc : 5.35G/5.0ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** EPE-108-4(5-10)

Quant Time: Jan 25 04:44:16 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 13:31:00 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.95 | 168 | 225433 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.85 | 114 | 344131 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.64 | 117 | 317291 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152 | 163771 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.31 | 65 | 126666 | 58.62 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 117.24% | | | |
| 35) Dibromofluoromethane | 7.88 | 113 | 100939 | 47.88 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 95.76% | | | |
| 50) Toluene-d8 | 10.33 | 98 | 423694 | 50.98 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 101.96% | | | |
| 62) 4-Bromofluorobenzene | 12.63 | 95 | 147791 | 48.83 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 97.66% | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Methyl Iodide | 4.27 | 142 | 783 | 5.17 | ug/l | # | 79 |
| 11) Tert butyl alcohol | 5.13 | 59 | 8131 | 34.70 | ug/l | # | 76 |
| 16) Acetone | 4.14 | 43 | 5601 | 23.49 | ug/l | | 94 |
| 20) Methylene Chloride | 4.92 | 84 | 92525 | 47.38 | ug/l | | 99 |
| 25) 2-Butanone | 7.17 | 43 | 2066 | 2.16 | ug/l | # | 48 |
| 30) Chloroform | 7.67 | 83 | 6011 | 1.63 | ug/l | | 85 |
| 31) Cyclohexane | 7.95 | 56 | 4315 | 1.23 | ug/l | # | 1 |
| 36) 1,1-Dichloropropene | 7.95 | 75 | 15857 | 4.83 | ug/l | # | 49 |
| 38) Carbon Tetrachloride | 7.95 | 117 | 21582 | 5.96 | ug/l | # | 17 |
| 58) 2-Chloroethyl Vinyl ether | 9.91 | 63 | 19 | 25.86 | ug/l | # | 45 |
| 59) 2-Hexanone | 11.01 | 43 | 44 | 14.70 | ug/l | # | 24 |
| 76) 1,2,3-Trichloropropane | 12.63 | 75 | 73198 | 38.63 | ug/l | # | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.63 | 75 | 73198 | 92.65 | ug/l | # | 11 |

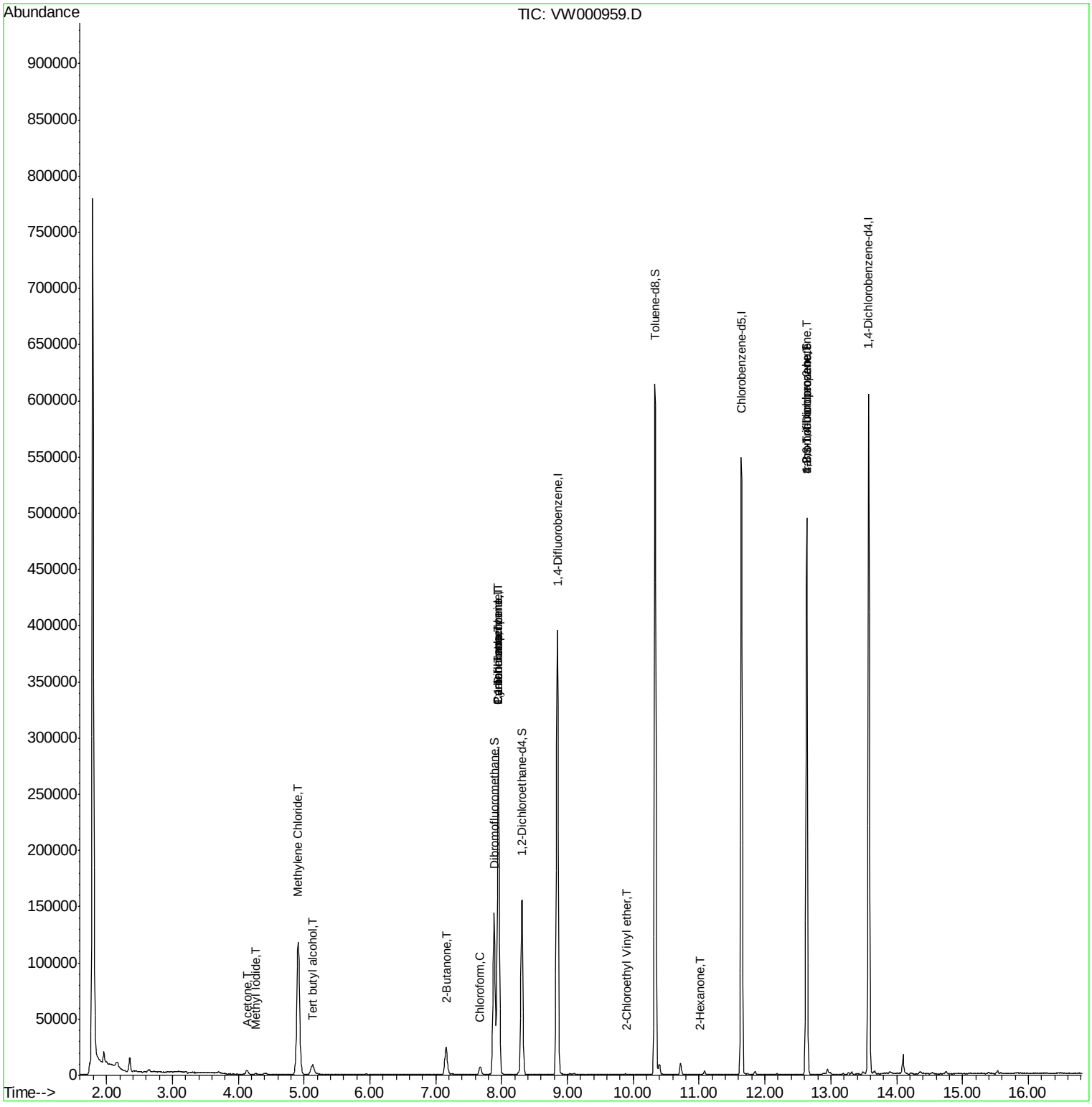
(#) = qualifier out of range (m) = manual integration (+) = signals summed

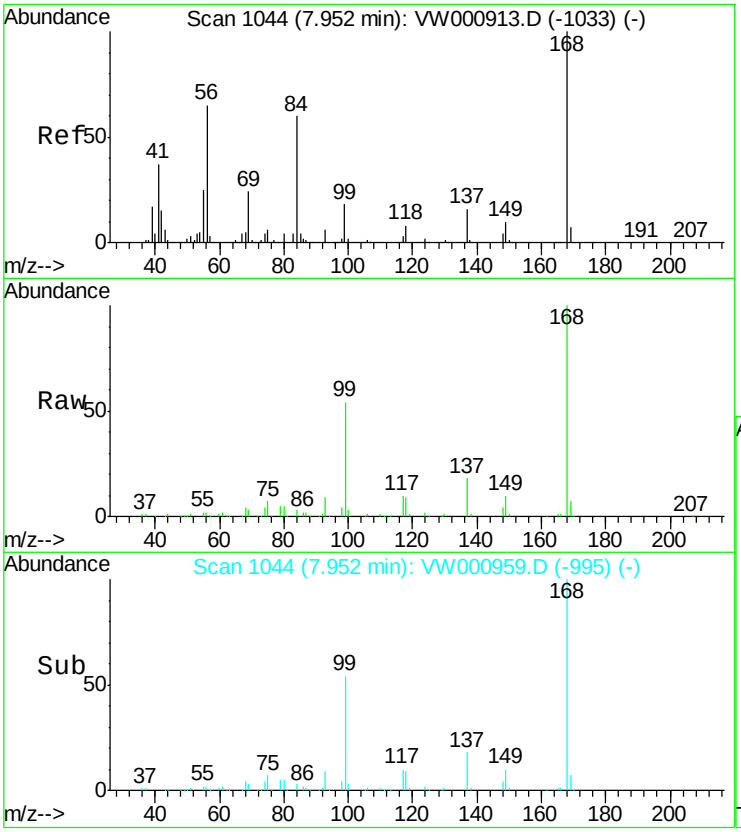
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
Data File : VW000959.D
Acq On : 24 Jan 2018 20:17
Operator : JC/SY
Sample : J1241-02RE
Misc : 5.35G/5.0ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-4(5-10)

Quant Time: Jan 25 04:44:16 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 13:31:00 2018
Response via : Initial Calibration



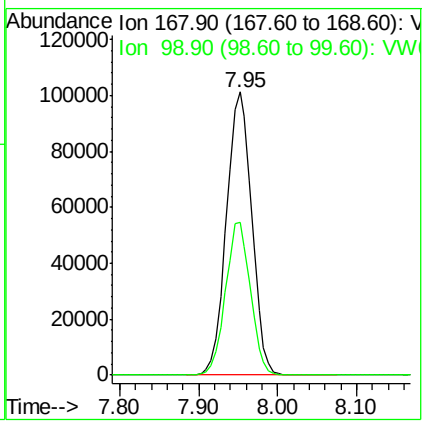


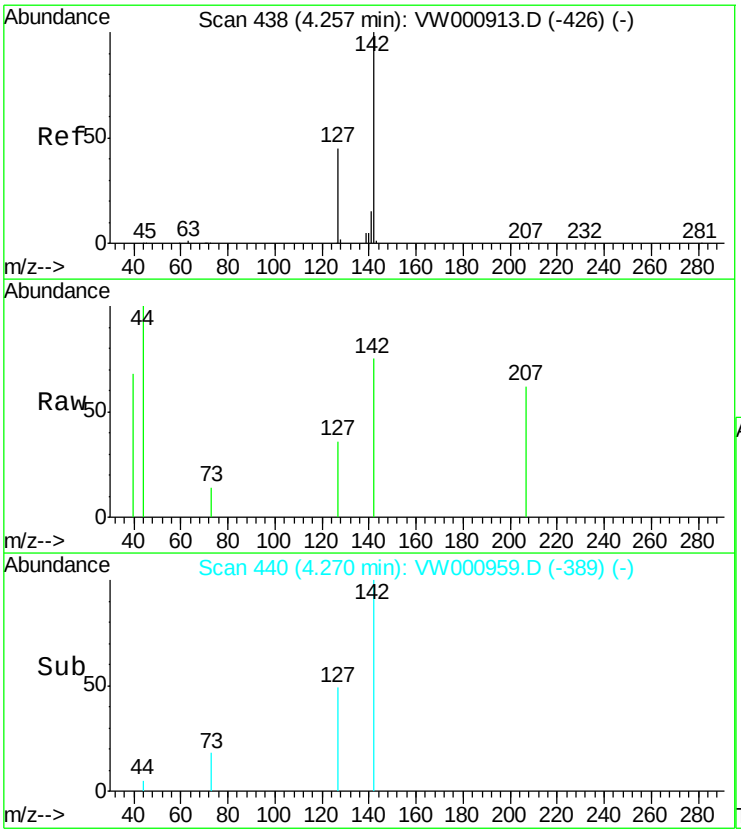

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-4(5-10)

Tgt Ion:168 Resp: 225433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 54.0 | 40.6 | 61.0 |

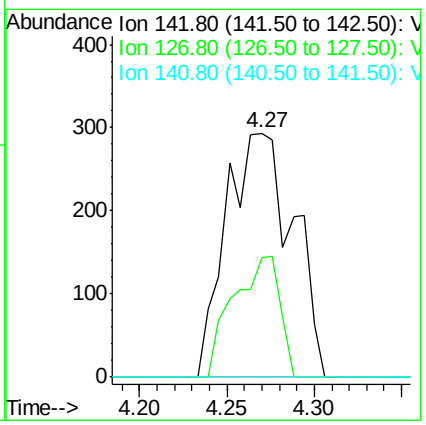


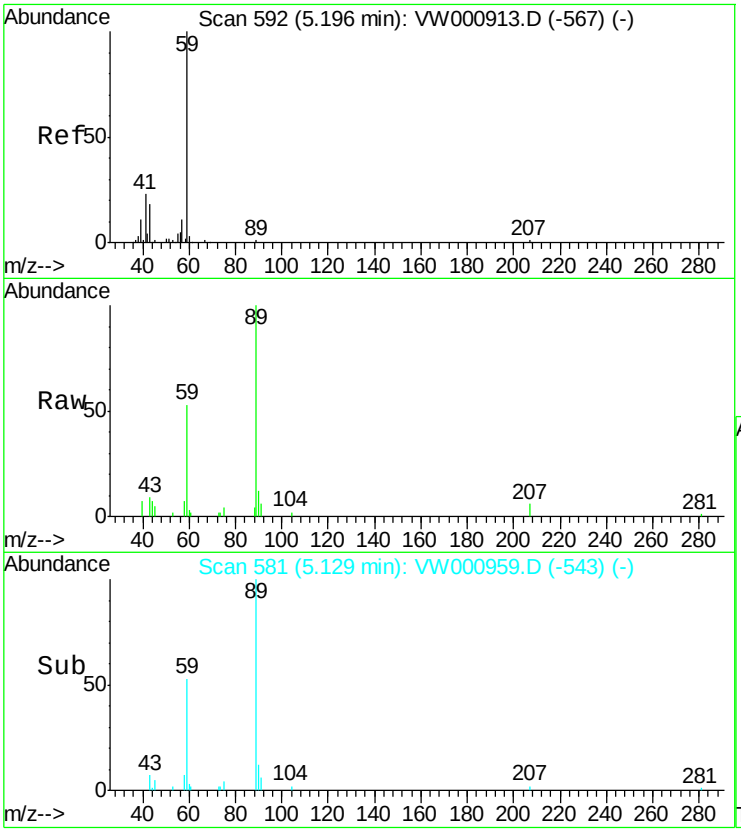




#10
Methyl Iodide
Concen: 5.17 ug/l
RT: 4.27 min Scan# 440
Delta R.T. 0.01 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

Tgt Ion:142 Resp: 783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 34.2 | 35.5 | 53.3# |
| 141 | 0.0 | 11.7 | 17.5# |



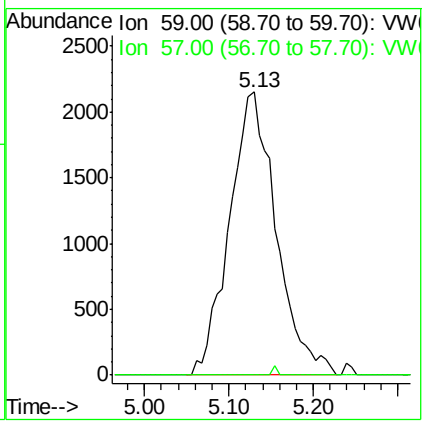


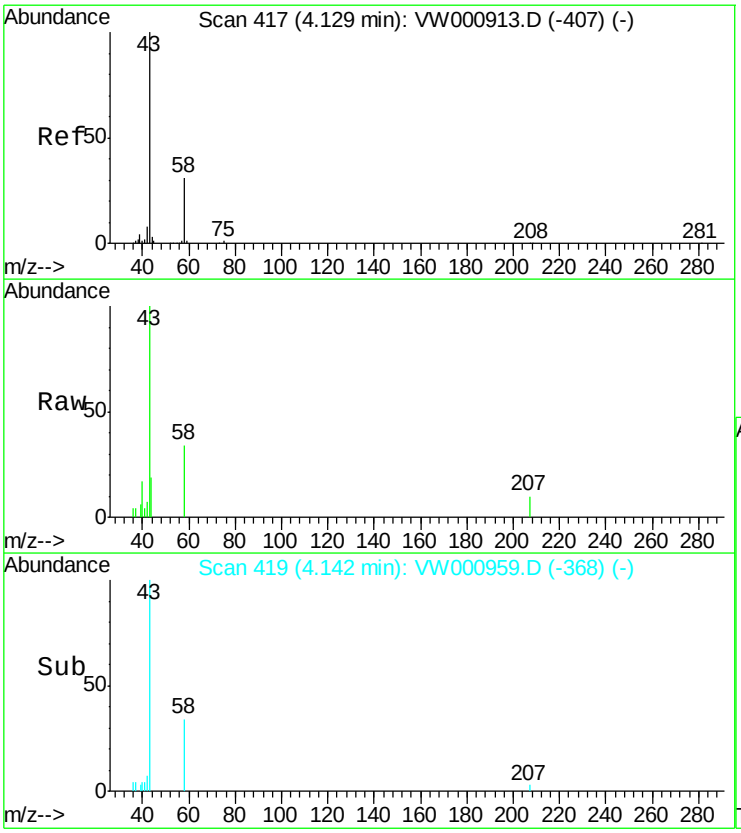

#11
Tert butyl alcohol
Concen: 34.70 ug/l
RT: 5.13 min Scan# 581
Delta R.T. -0.07 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-4(5-10)

Tgt Ion: 59 Resp: 8131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 7.0 | 10.6# |

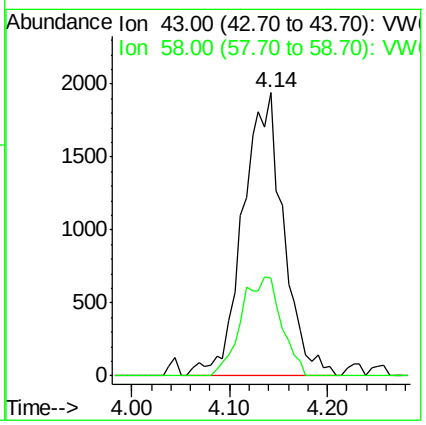


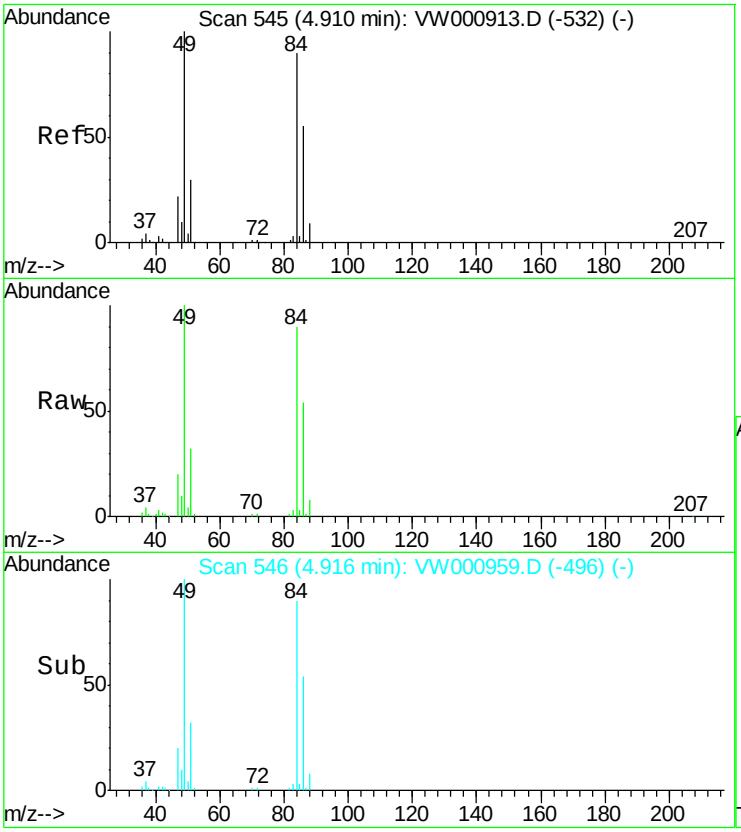




#16
Acetone
Concen: 23.49 ug/l
RT: 4.14 min Scan# 419
Delta R.T. 0.01 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

Tgt Ion: 43 Resp: 5601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.3 | 24.9 | 37.3 |



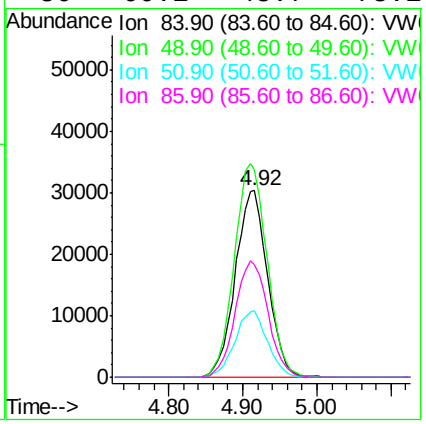


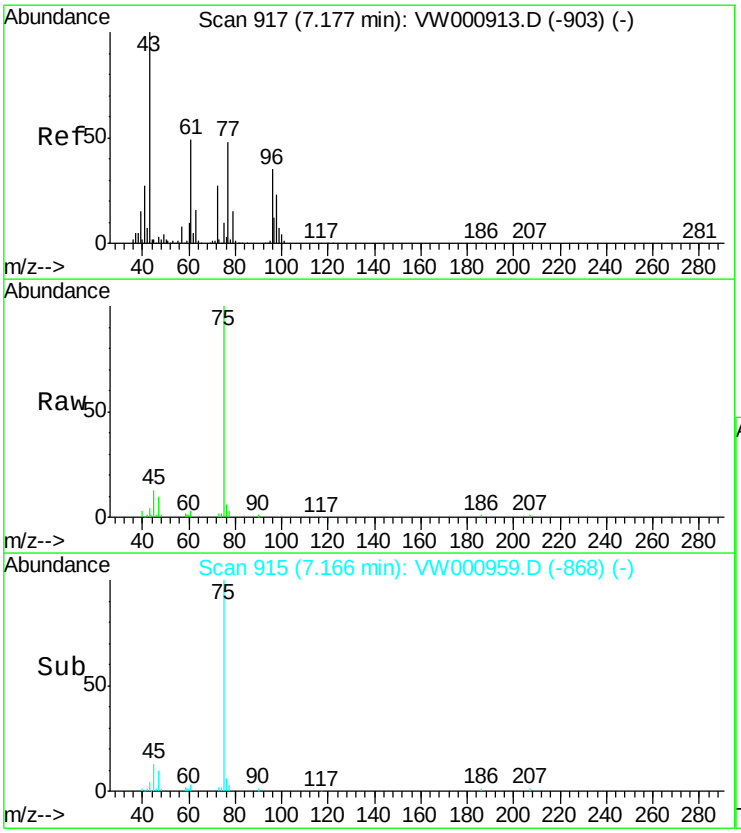

#20
Methylene Chloride
Concen: 47.38 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-4(5-10)

Tgt Ion: 84 Resp: 92525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 111.1 | 89.0 | 133.4 |
| 51 | 35.4 | 26.7 | 40.1 |
| 86 | 60.1 | 48.7 | 73.1 |

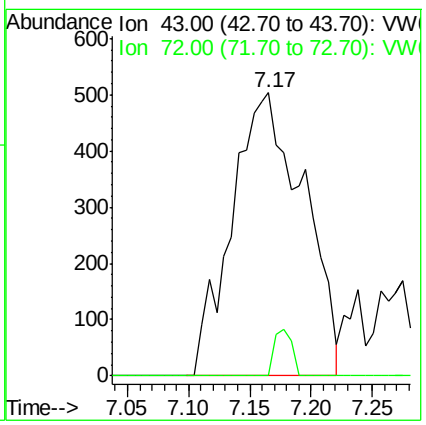


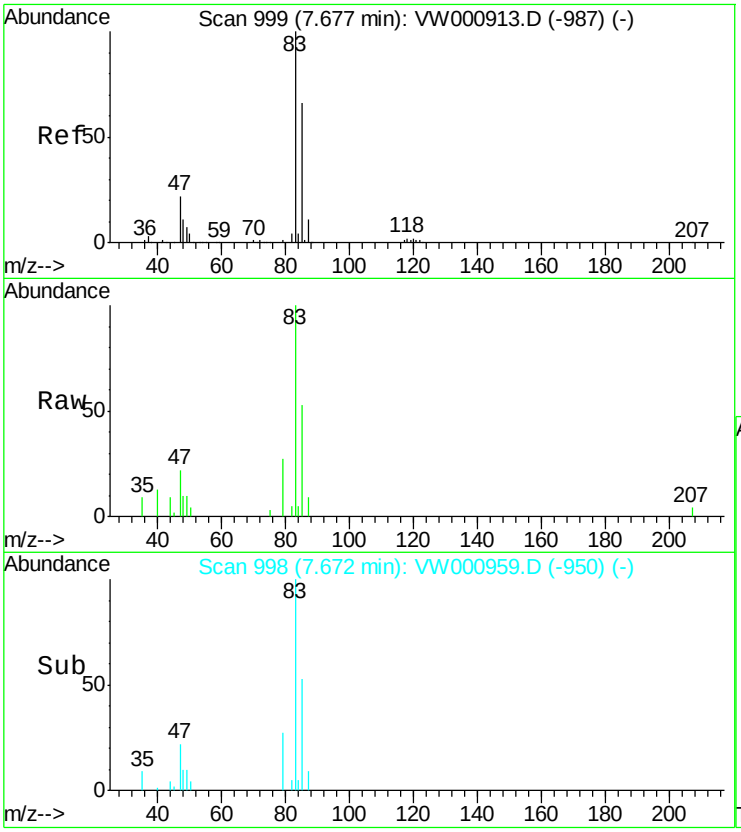




#25
2-Butanone
Concen: 2.16 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

Tgt Ion: 43 Resp: 2066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 21.5 | 32.3# |



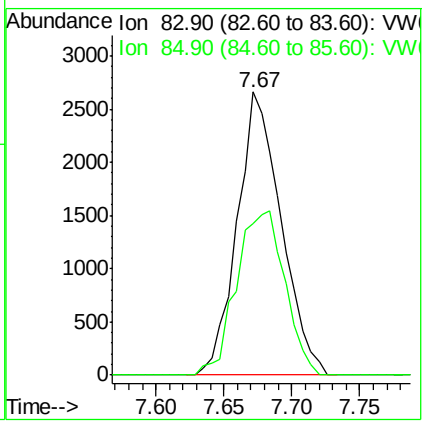


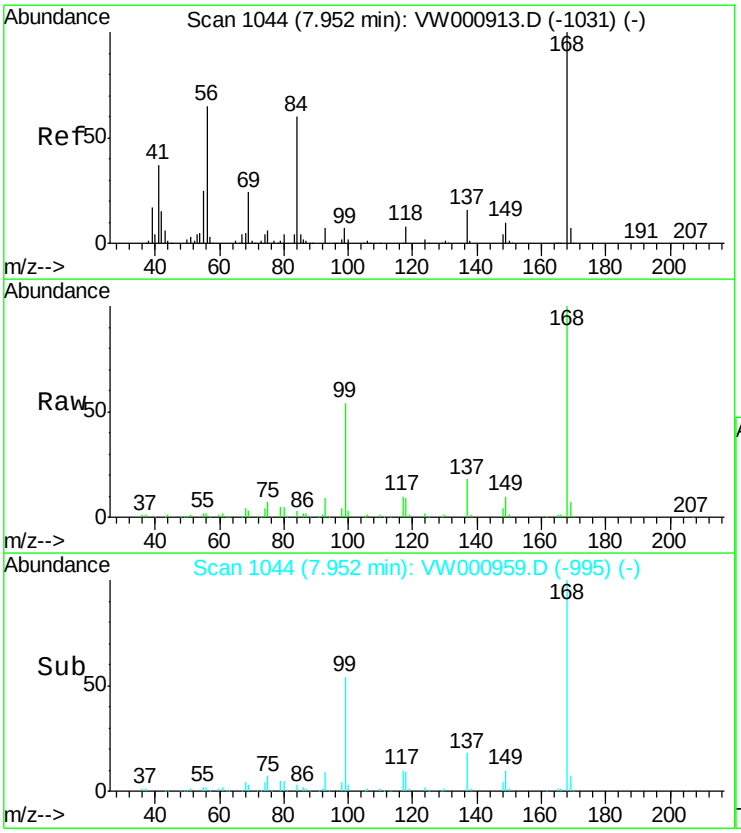

#30
Chloroform
Concen: 1.63 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-4(5-10)

Tgt Ion: 83 Resp: 6011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 53.5 | 52.5 | 78.7 |

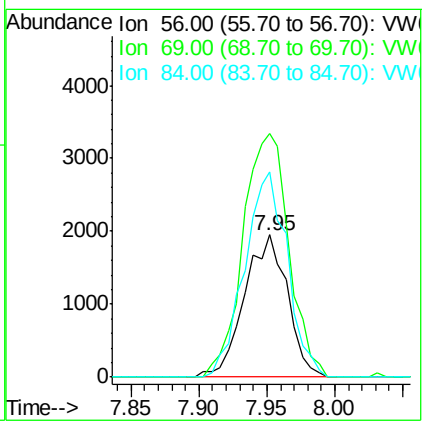


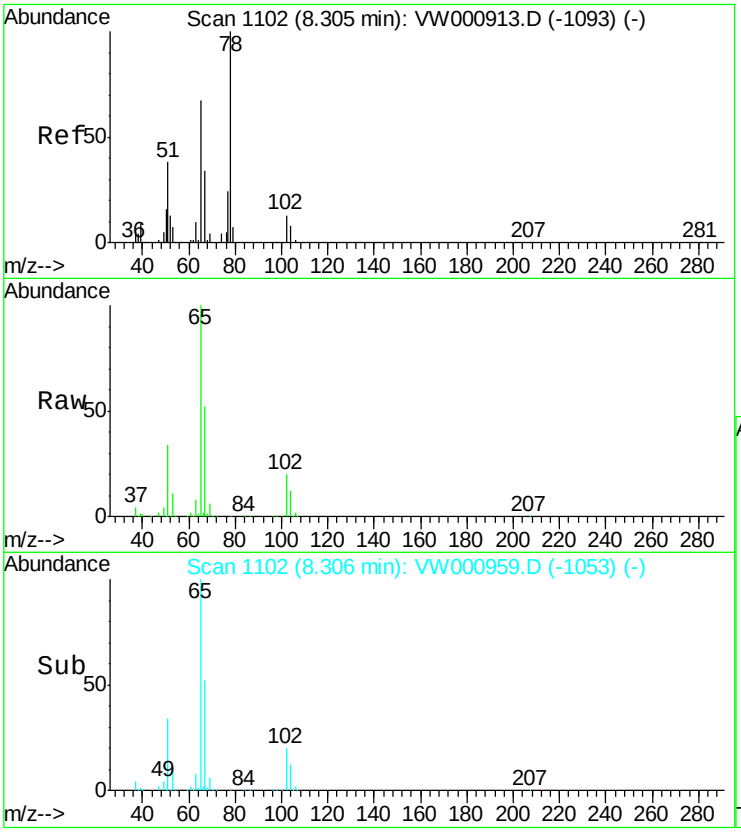




#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

Tgt Ion: 56 Resp: 4315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 171.4 | 29.2 | 43.8# |
| 84 | 144.5 | 73.6 | 110.4# |



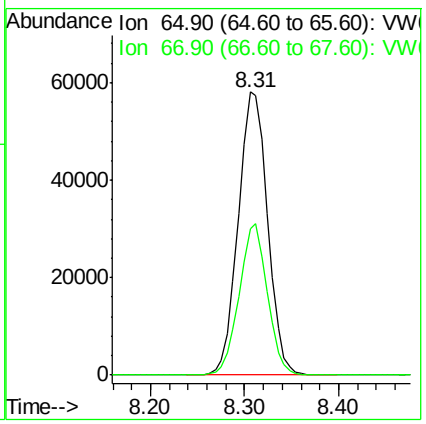


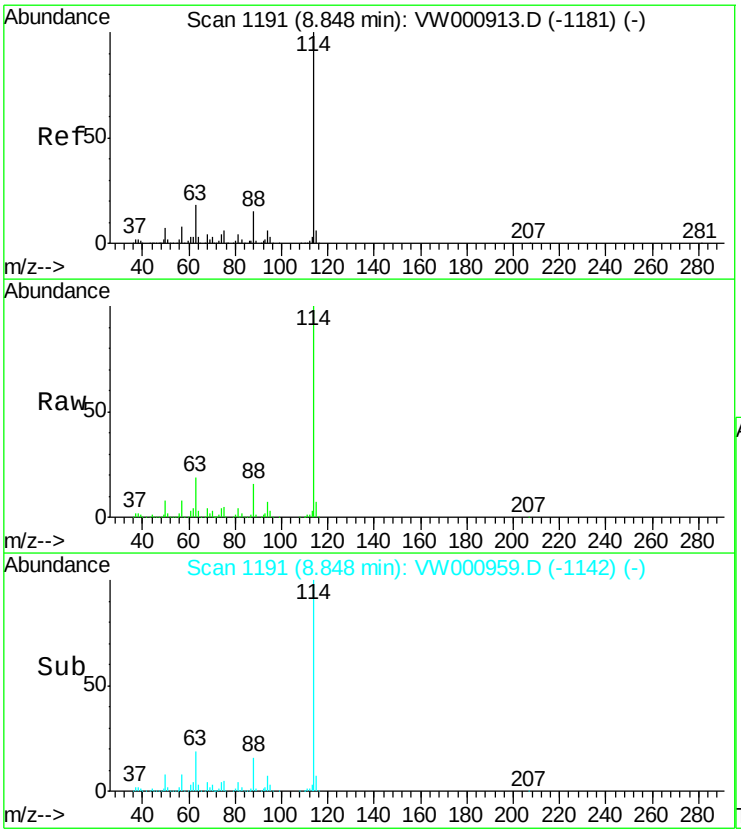

#33
1,2-Dichloroethane-d4
Concen: 58.62 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-4(5-10)

Tgt Ion: 65 Resp: 126666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.4 | 0.0 | 105.8 |

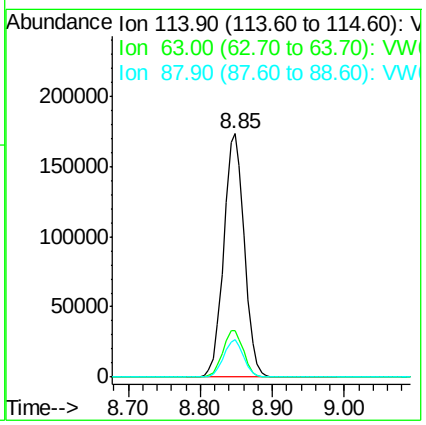


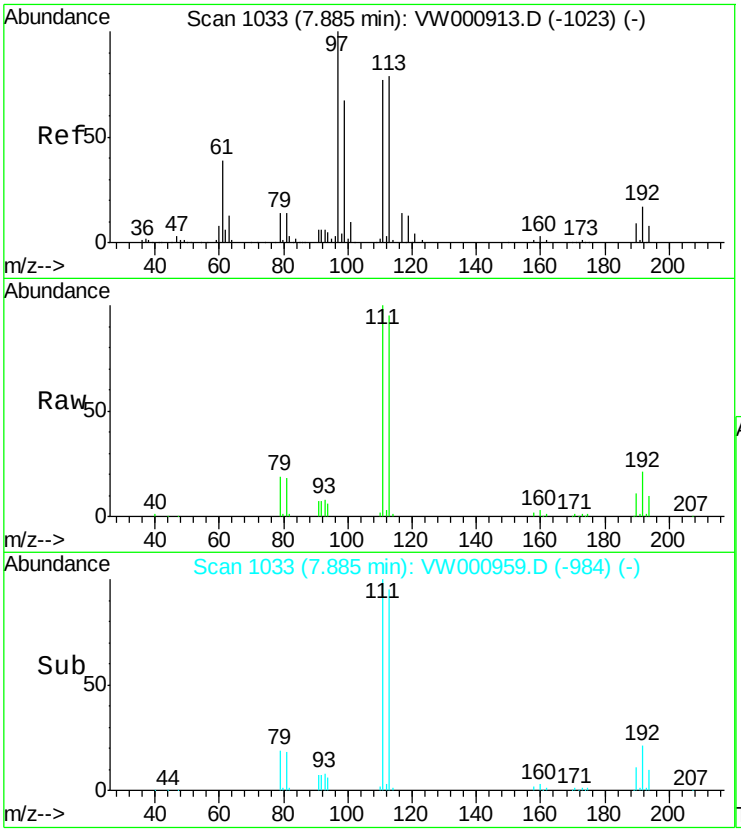




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. 0.00 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

Tgt Ion:114 Resp: 344131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.8 | 0.0 | 36.8 |
| 88 | 15.6 | 0.0 | 29.8 |



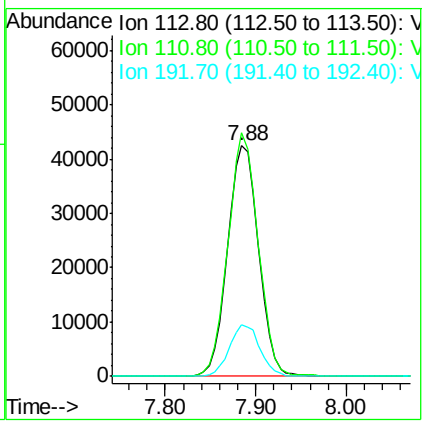


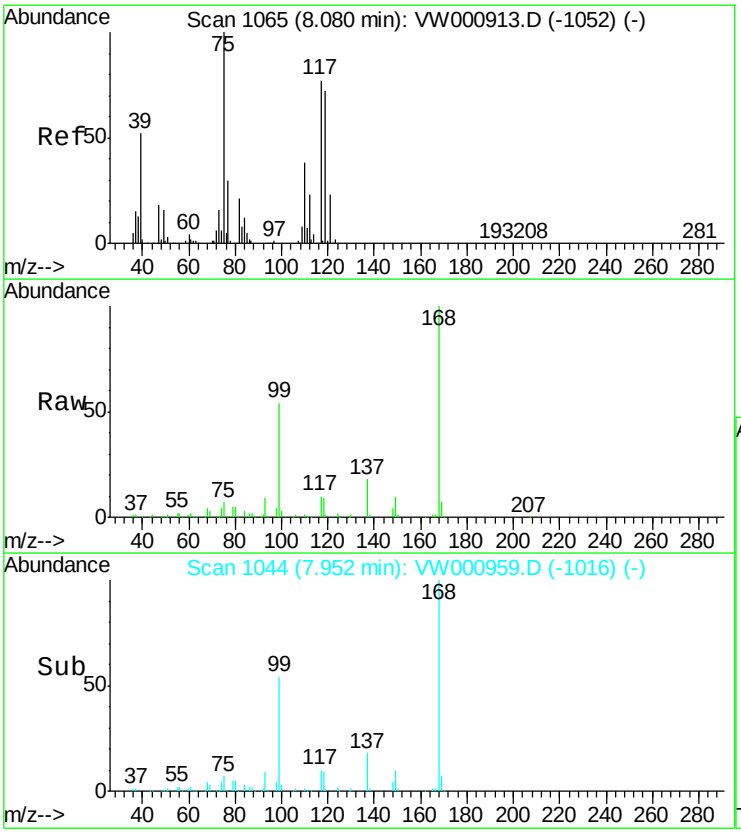

#35
Dibromofluoromethane
Concen: 47.88 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-4(5-10)

Tgt Ion:113 Resp: 100939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.7 | 80.4 | 120.6 |
| 192 | 21.8 | 17.0 | 25.4 |

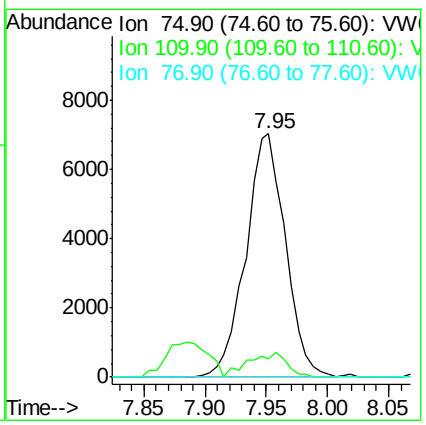


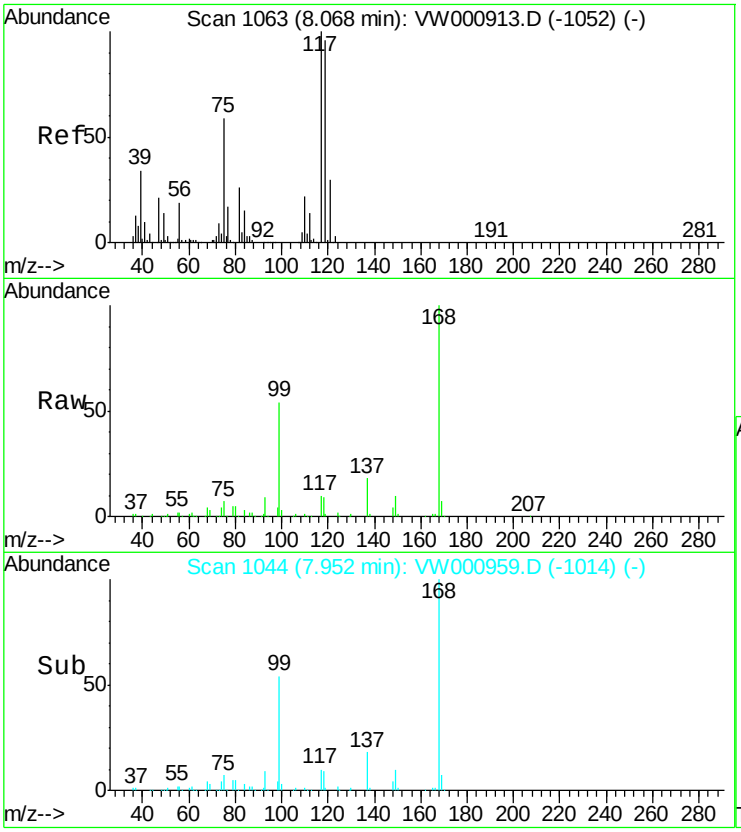




#36
1,1-Dichloropropene
Concen: 4.83 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.13 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

Tgt Ion: 75 Resp: 15857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.8 | 18.6 | 56.0# |
| 77 | 0.0 | 24.6 | 36.8# |



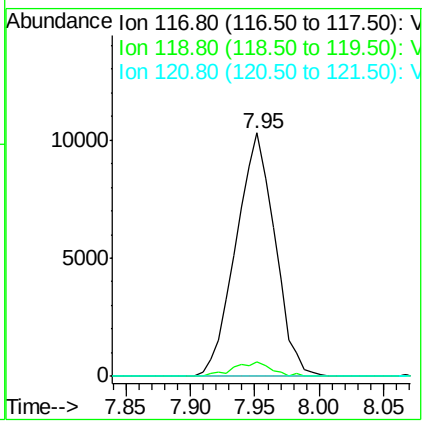


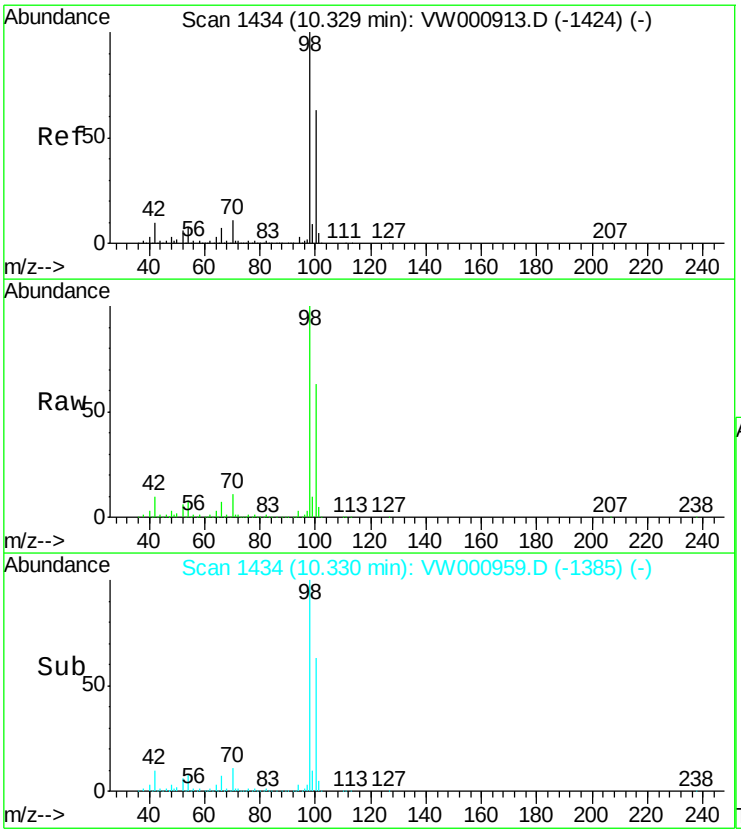

#38
Carbon Tetrachloride
Concen: 5.96 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-4(5-10)

Tgt Ion:117 Resp: 21582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.7 | 76.5 | 114.7# |
| 121 | 0.0 | 24.3 | 36.5# |

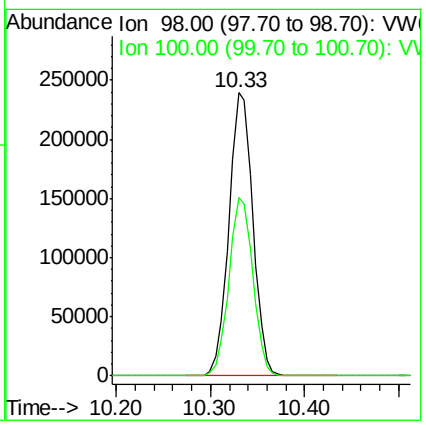


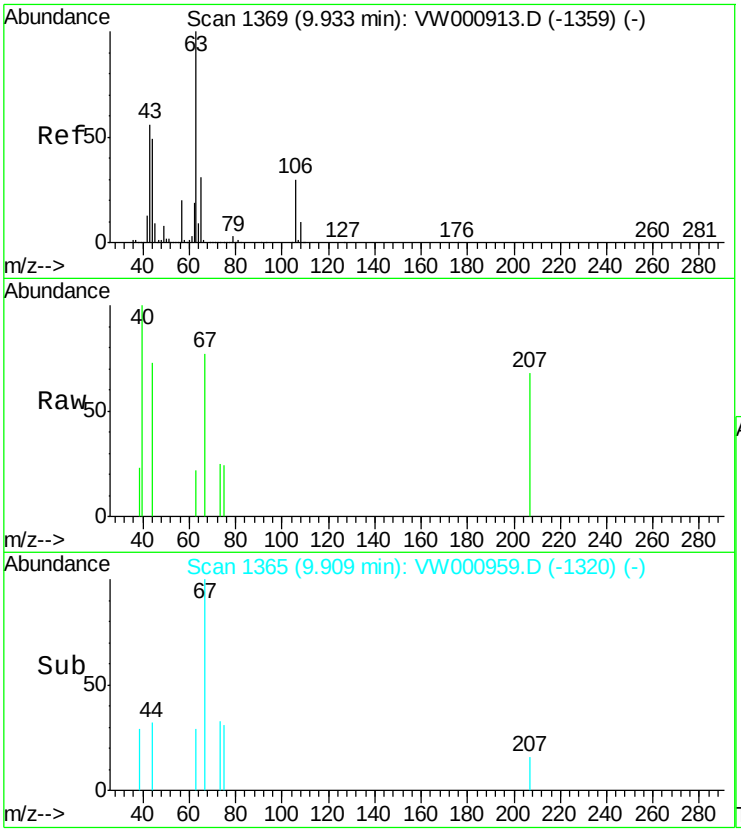




#50
Toluene-d8
Concen: 50.98 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

Tgt Ion: 98 Resp: 423694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 62.7 | 50.8 | 76.2 |



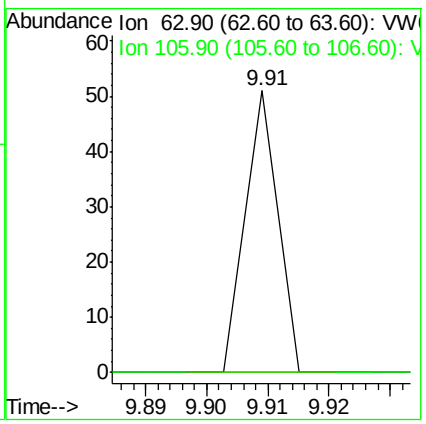


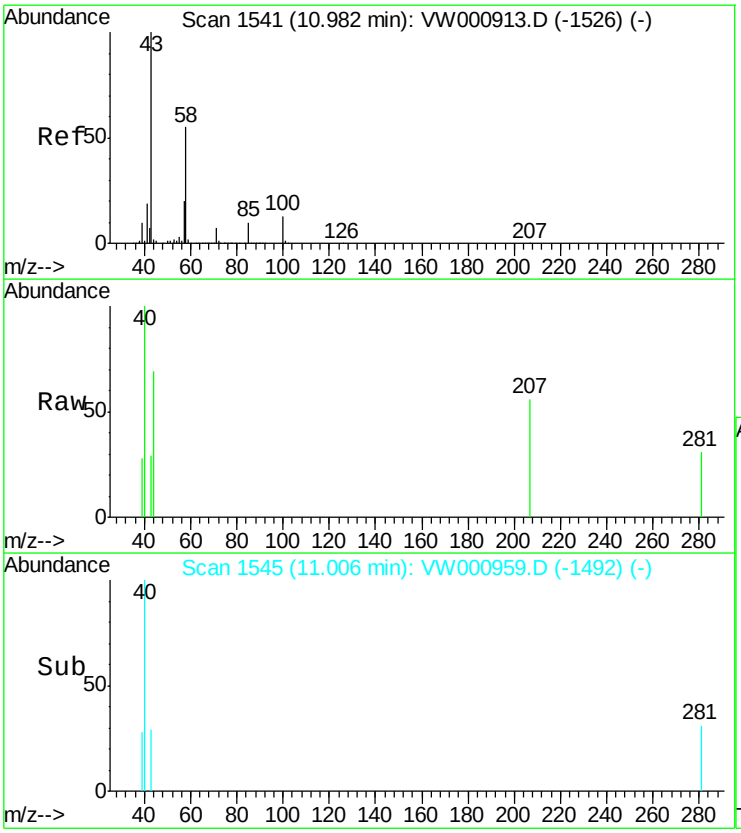

#58
2-Chloroethyl Vinyl ether
Concen: 25.86 ug/l
RT: 9.91 min Scan# 1365
Delta R.T. -0.02 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-4(5-10)

Tgt Ion: 63 Resp: 19

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 0.0 | 23.8 | 35.8# |

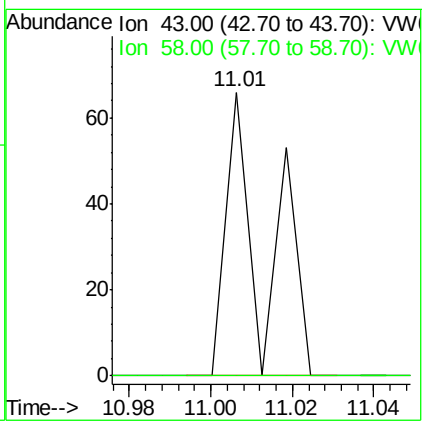


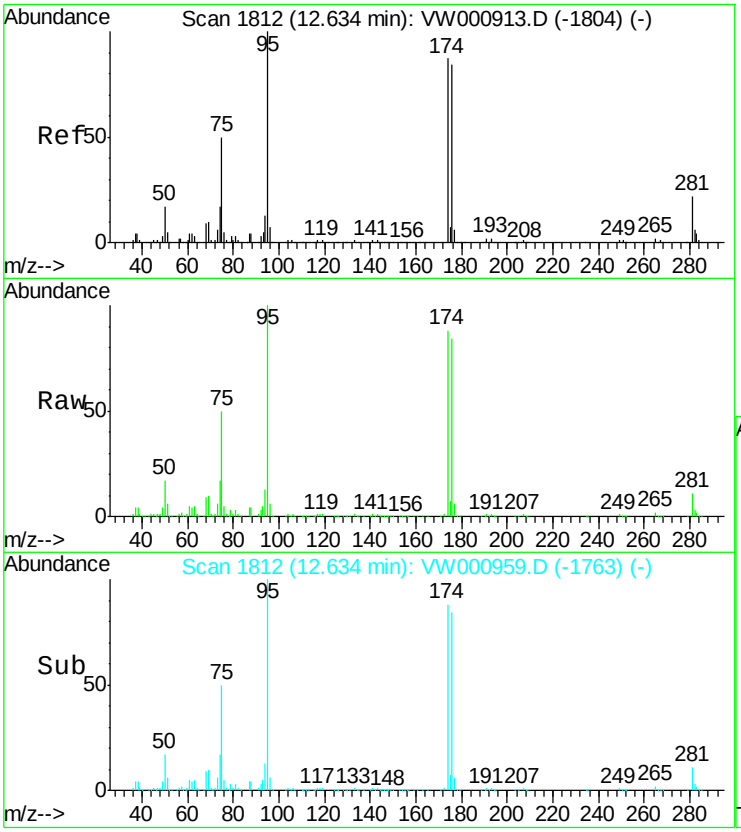




#59
2-Hexanone
Concen: 14.70 ug/l
RT: 11.01 min Scan# 1545
Delta R.T. 0.03 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

Tgt Ion: 43 Resp: 44

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 27.4 | 82.2# |



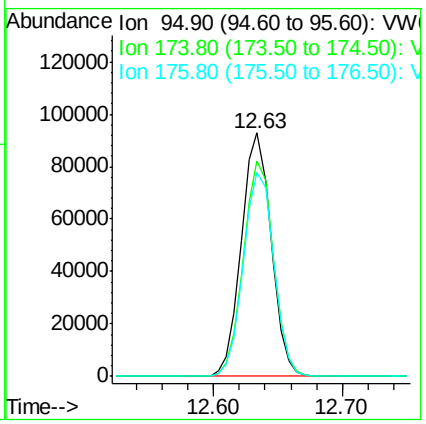


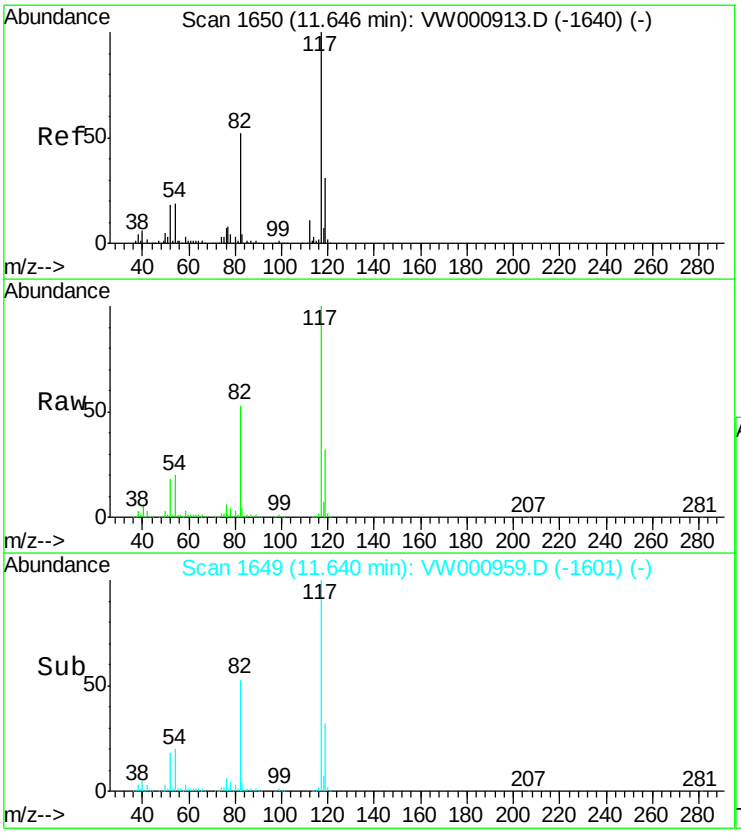

#62
4-Bromofluorobenzene
Concen: 48.83 ug/l
RT: 12.63 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-4(5-10)

Tgt Ion: 95 Resp: 147791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 89.2 | 0.0 | 176.8 |
| 176 | 85.5 | 0.0 | 171.8 |

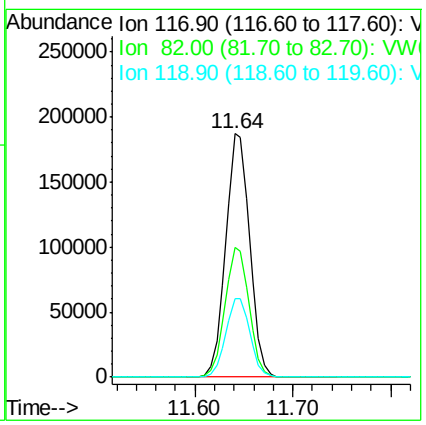


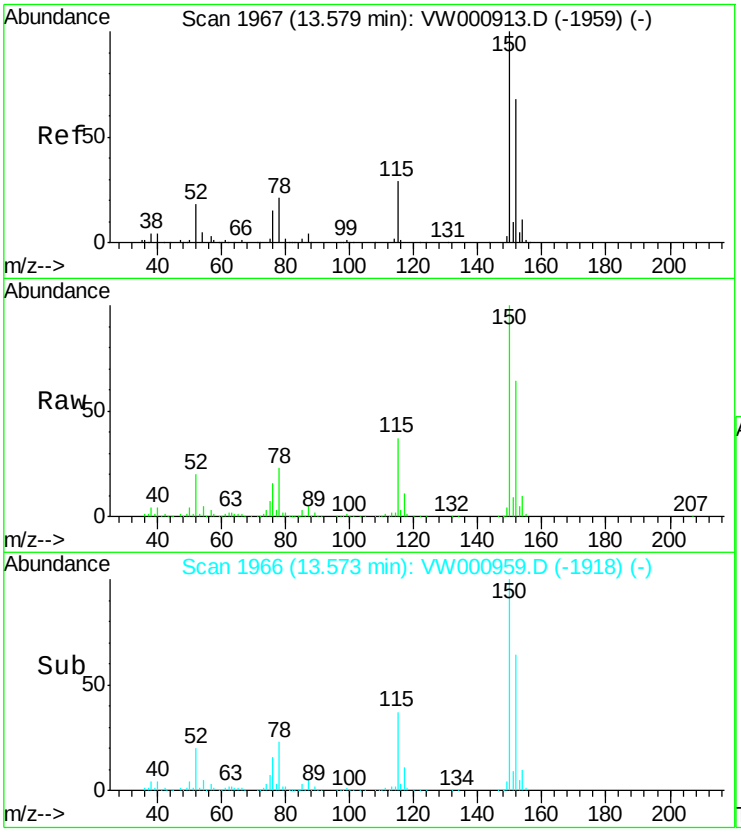




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.01 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

Tgt Ion:117 Resp: 317291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.1 | 41.8 | 62.6 |
| 119 | 32.2 | 25.2 | 37.8 |



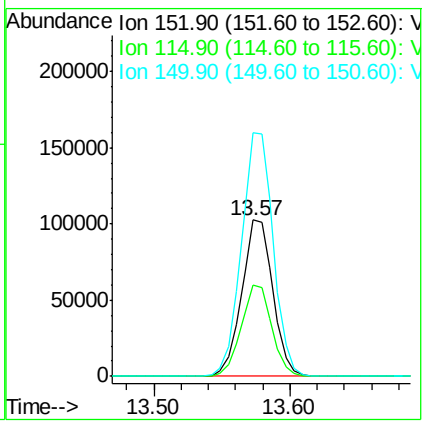


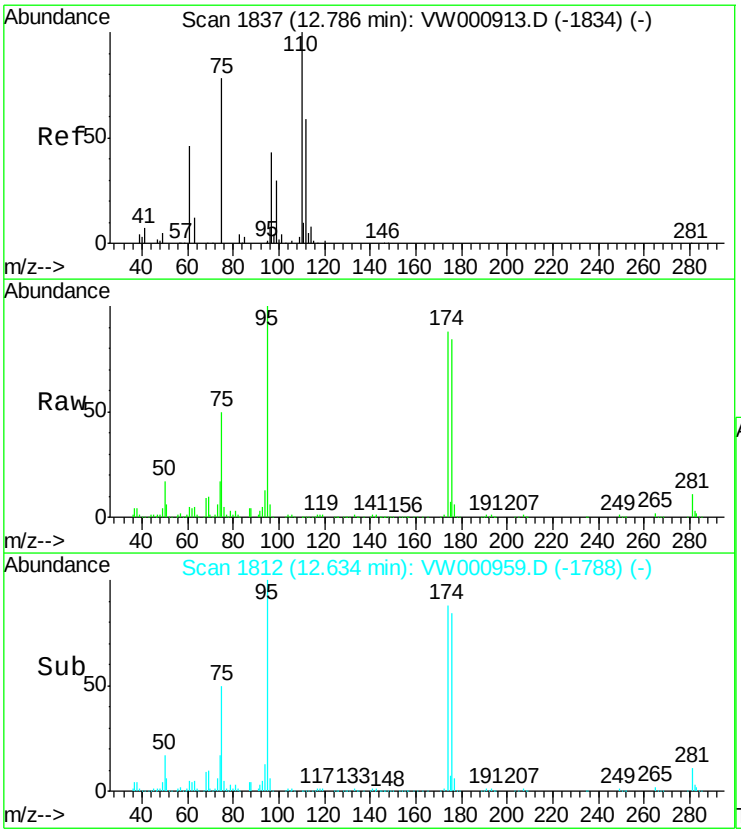

#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.01 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-4(5-10)

Tgt Ion:152 Resp: 163771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 57.3 | 28.5 | 85.5 |
| 150 | 158.9 | 0.0 | 342.0 |

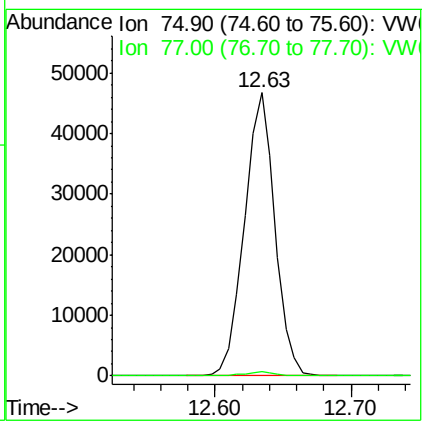


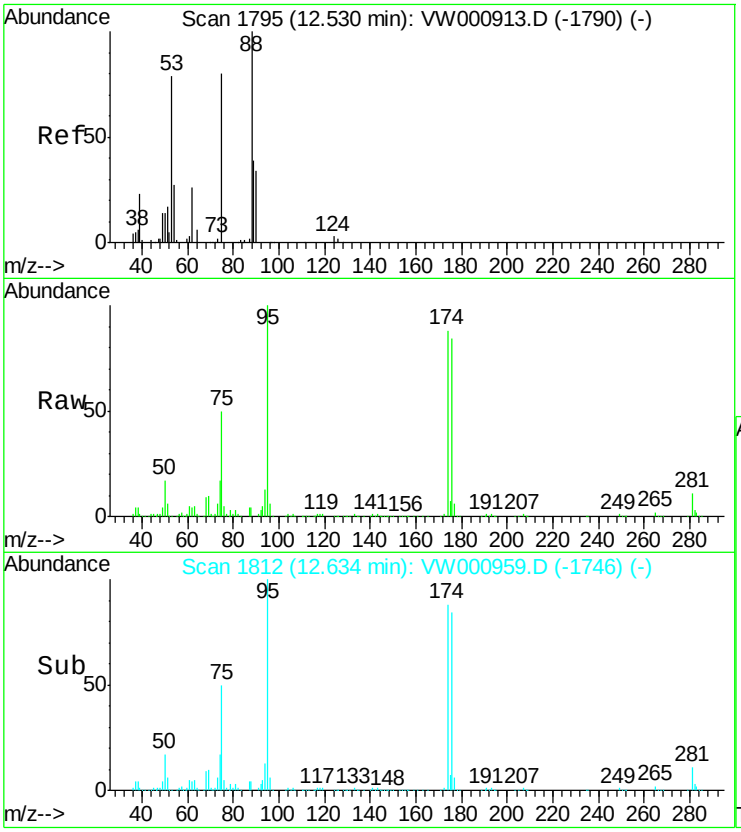




#76
1,2,3-Trichloropropane
Concen: 38.63 ug/l
RT: 12.63 min Scan# 1812
Delta R.T. -0.15 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

Tgt Ion: 75 Resp: 73198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.3 | 0.0 | 0.0# |






#81
trans-1,4-Dichloro-2-butene
Concen: 92.65 ug/l
RT: 12.63 min Scan# 1812
Delta R.T. 0.10 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-4(5-10)

Tgt Ion: 75 Resp: 73198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.1 | 77.5 | 116.3# |
| 89 | 0.0 | 38.2 | 57.4# |