Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
Data File : VW000973.D
Acq On : 25 Jan 2018 02:27
Operator : JC/SY
Sample : J1288-02
Misc : 6.44G/5.0ML/MSVOA_W/SOIL
ALS Vial : 36 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** EPE-108-4(75-77)

Quant Time: Jan 25 04:48:16 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 | 59838 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.85 | 114 | 96611 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.64 | 117 | 54730 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152 | 6837 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.31 | 65 | 42952 | 74.89 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 149.78% | | | |
| 35) Dibromofluoromethane | 7.88 | 113 | 23890 | 40.36 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 80.72% | | | |
| 50) Toluene-d8 | 10.33 | 98 | 95535 | 40.95 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 81.90% | | | |
| 62) 4-Bromofluorobenzene | 12.63 | 95 | 11426 | 13.45 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 26.90% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 10) Methyl Iodide | 4.26 | 142 | 1240 | 6.73 | ug/l # | 88 |
| 11) Tert butyl alcohol | 5.14 | 59 | 1485 | 23.88 | ug/l # | 84 |
| 16) Acetone | 4.12 | 43 | 4811 | 35.74 | ug/l # | 85 |
| 20) Methylene Chloride | 4.92 | 84 | 11491 | 20.47 | ug/l | 92 |
| 25) 2-Butanone | 7.17 | 43 | 1877 | 7.40 | ug/l # | 68 |
| 26) 2,2-Dichloropropane | 7.16 | 77 | 1590 | 1.73 | ug/l # | 52 |
| 30) Chloroform | 7.67 | 83 | 987 | 1.01 | ug/l # | 79 |
| 31) Cyclohexane | 7.95 | 56 | 1215 | 1.30 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 7.95 | 75 | 4732 | 5.13 | ug/l # | 50 |
| 38) Carbon Tetrachloride | 7.95 | 117 | 6140 | 6.04 | ug/l # | 14 |
| 59) 2-Hexanone | 11.02 | 43 | 19 | 14.71 | ug/l # | 24 |
| 76) 1,2,3-Trichloropropane | 12.63 | 75 | 5705 | 72.11 | ug/l # | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.63 | 75 | 5705 | 169.04 | ug/l # | 10 |

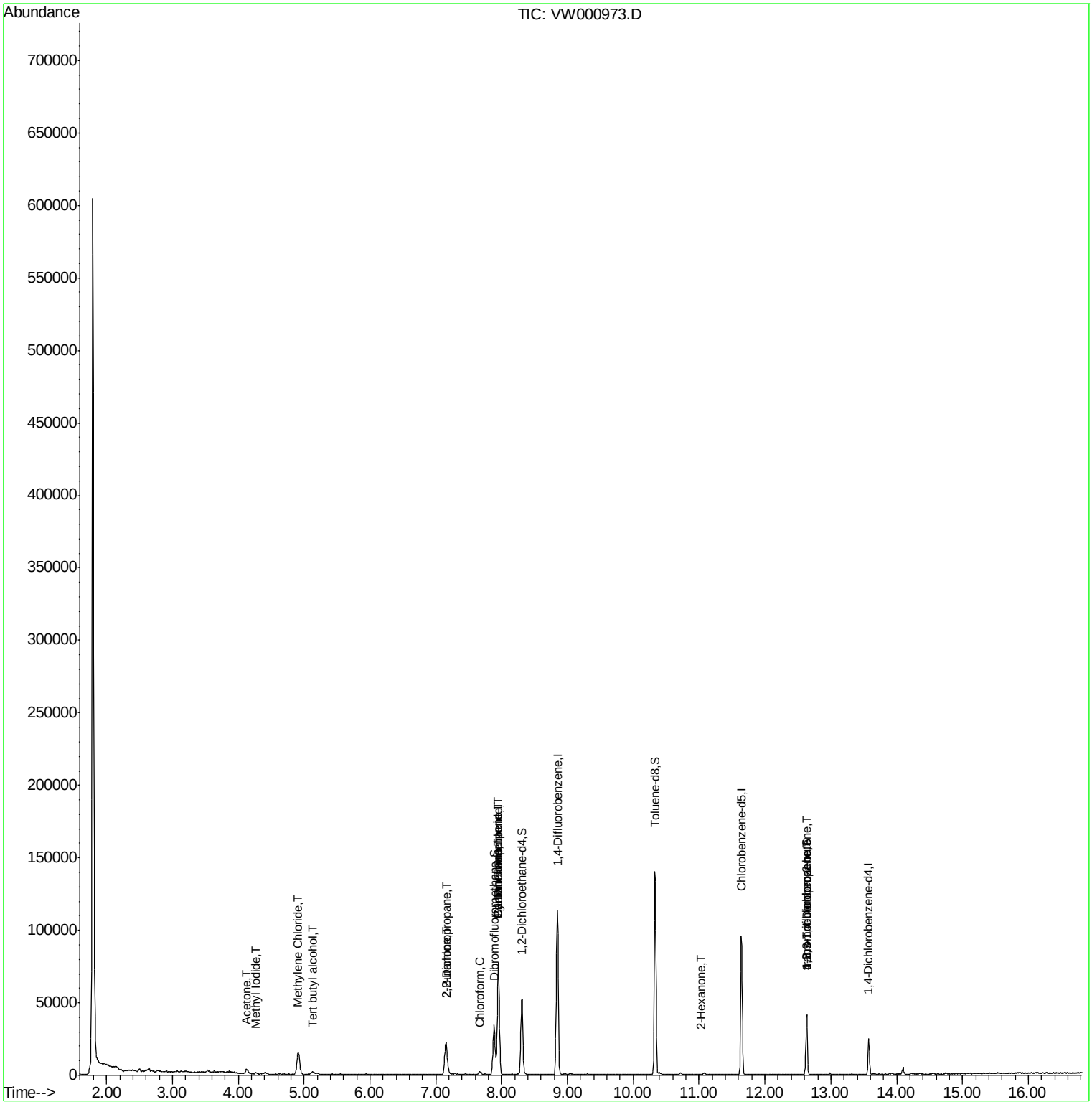
(#) = qualifier out of range (m) = manual integration (+) = signals summed

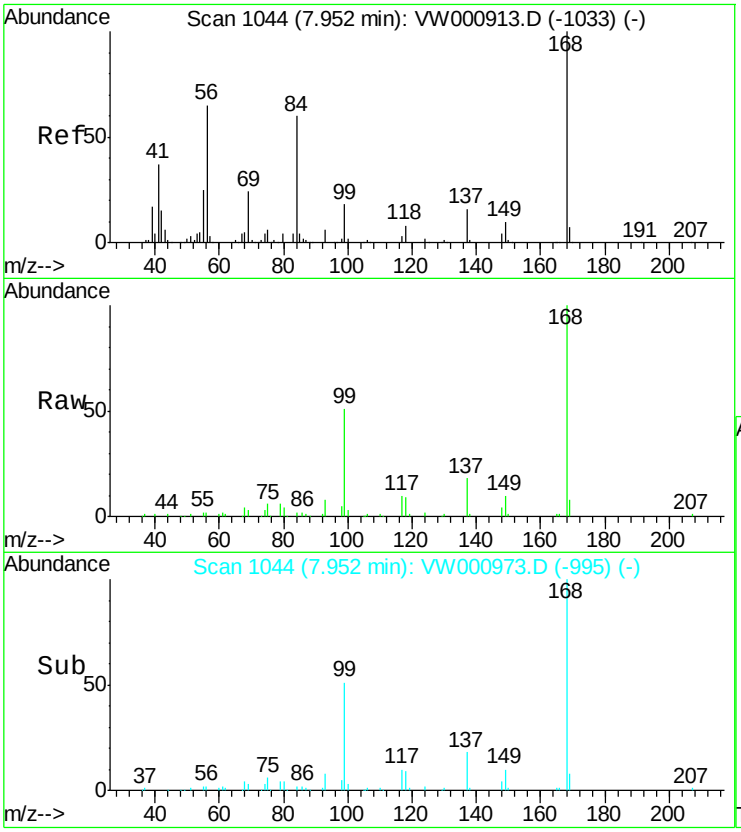
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
Data File : VW000973.D
Acq On : 25 Jan 2018 02:27
Operator : JC/SY
Sample : J1288-02
Misc : 6.44G/5.0ML/MSVOA_W/SOIL
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-4(75-77)

Quant Time: Jan 25 04:48:16 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



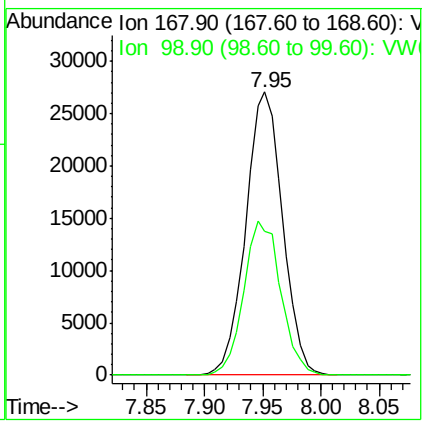


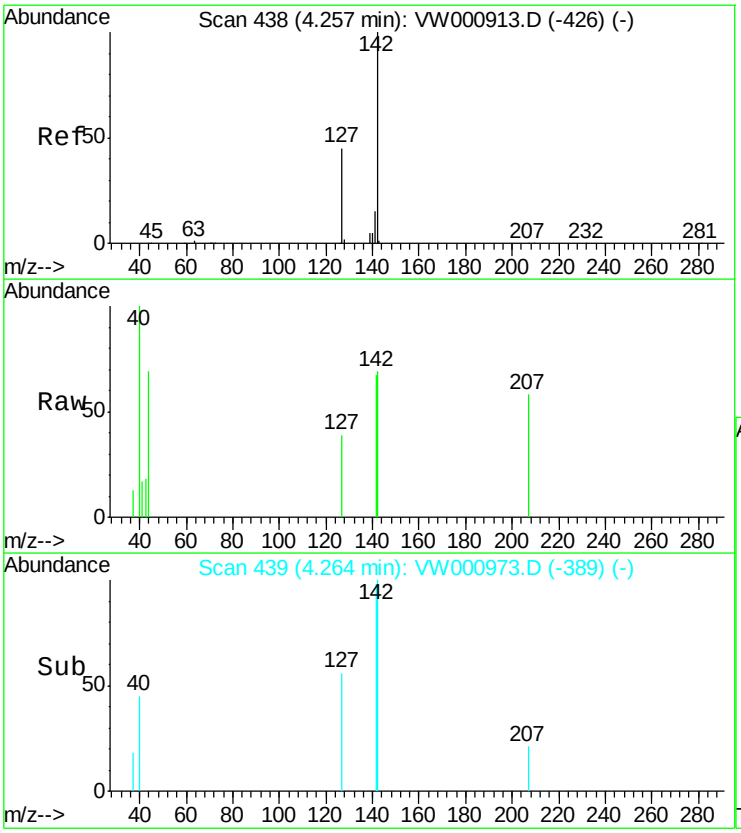

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW000973.D
Acq: 25 Jan 2018 02:27

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-4(75-77)

Tgt Ion:168 Resp: 59838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 50.6 | 40.6 | 61.0 |

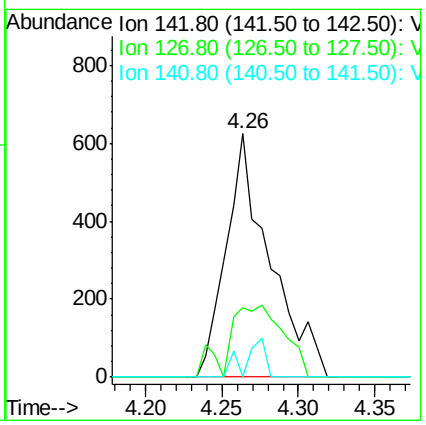


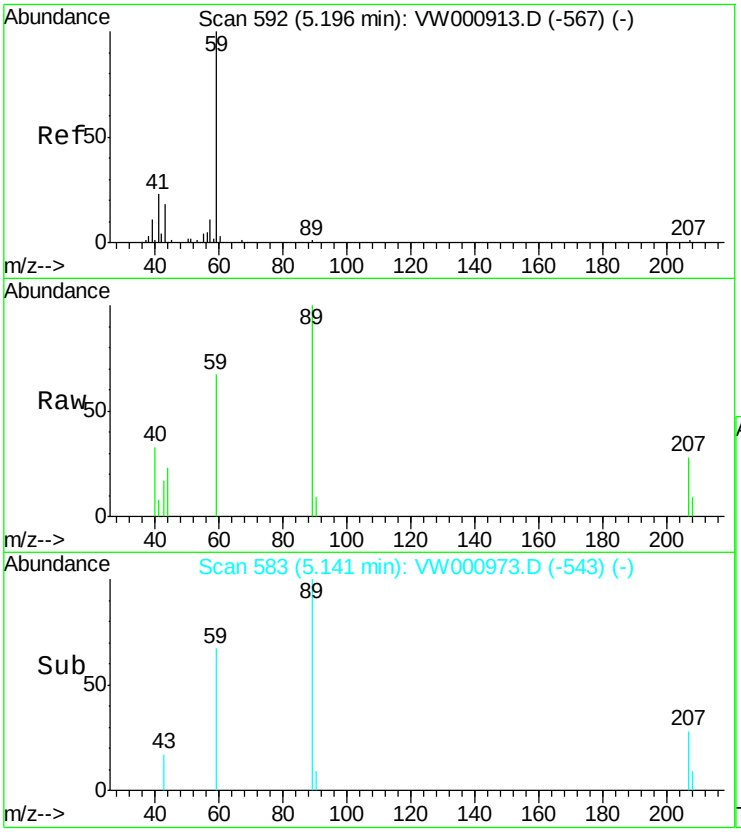




#10
Methyl Iodide
Concen: 6.73 ug/l
RT: 4.26 min Scan# 439
Delta R.T. 0.01 min
Lab File: VW000973.D
Acq: 25 Jan 2018 02:27

Tgt Ion:142 Resp: 1240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 37.7 | 35.5 | 53.3 |
| 141 | 7.1 | 11.7 | 17.5# |



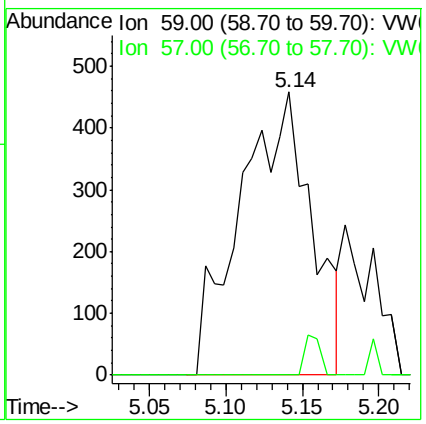


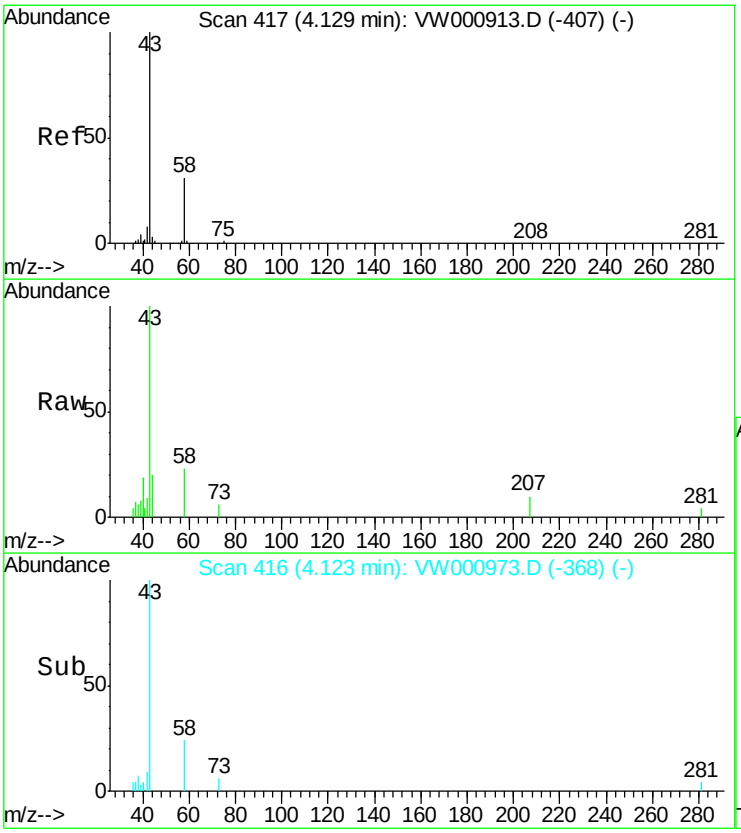

#11
Tert butyl alcohol
Concen: 23.88 ug/l
RT: 5.14 min Scan# 583
Delta R.T. -0.05 min
Lab File: VW000973.D
Acq: 25 Jan 2018 02:27

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-4(75-77)

Tgt Ion: 59 Resp: 1485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 3.0 | 7.0 | 10.6# |

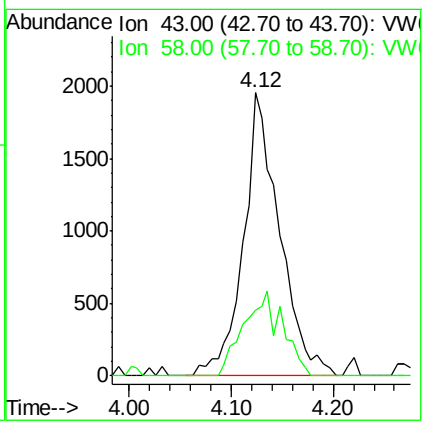


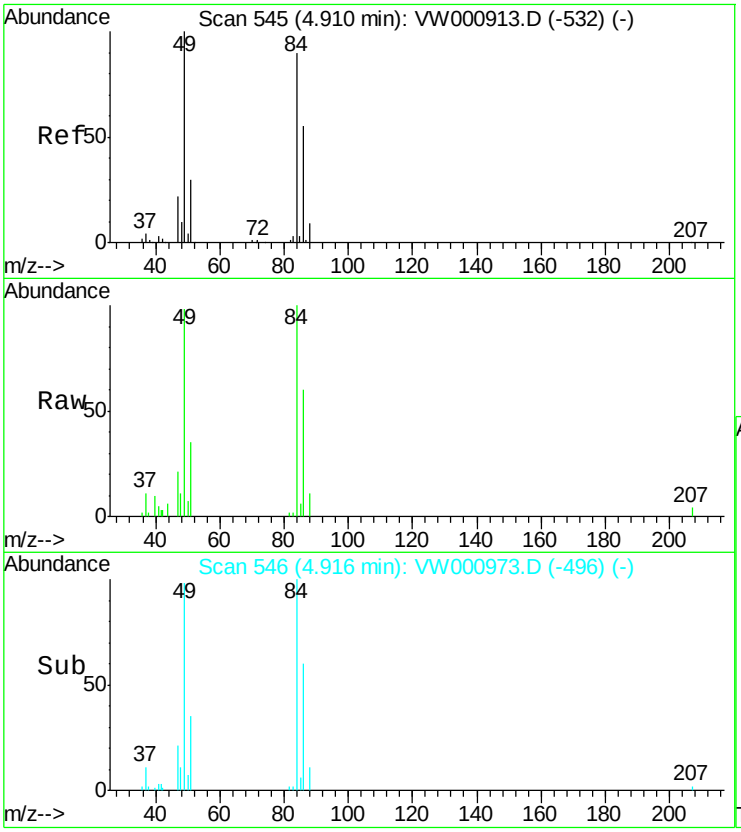




#16
Acetone
Concen: 35.74 ug/l
RT: 4.12 min Scan# 416
Delta R.T. -0.01 min
Lab File: VW000973.D
Acq: 25 Jan 2018 02:27

Tgt Ion: 43 Resp: 4811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 23.0 | 24.9 | 37.3# |



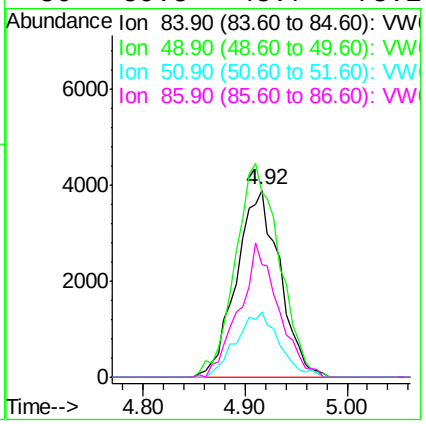


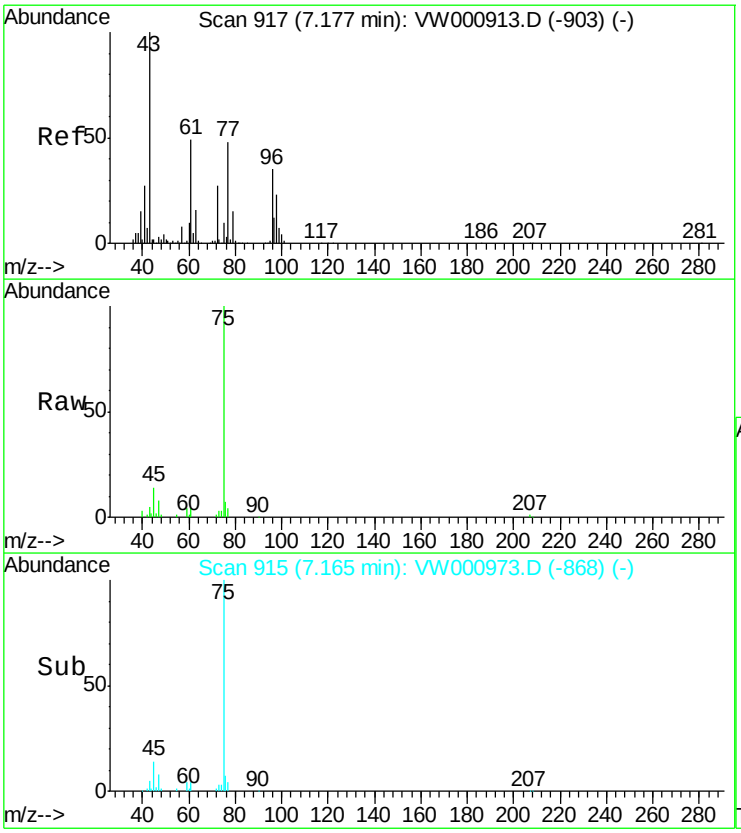

#20
Methylene Chloride
Concen: 20.47 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW000973.D
Acq: 25 Jan 2018 02:27

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-4(75-77)

Tgt Ion: 84 Resp: 11491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 98.0 | 89.0 | 133.4 |
| 51 | 34.8 | 26.7 | 40.1 |
| 86 | 59.8 | 48.7 | 73.1 |

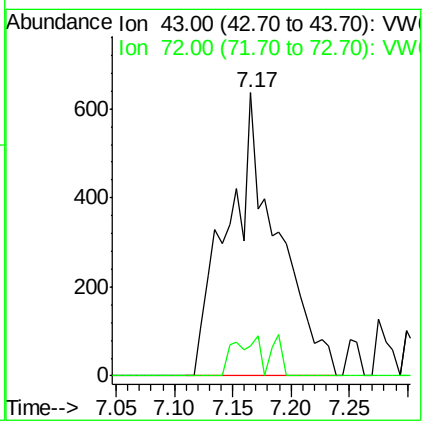


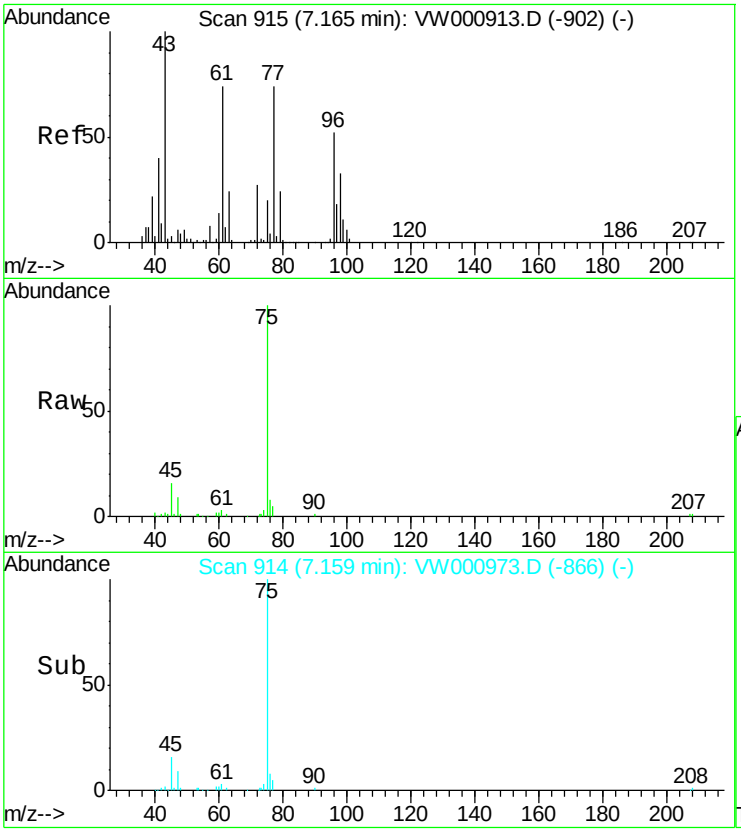




#25
2-Butanone
Concen: 7.40 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW000973.D
Acq: 25 Jan 2018 02:27

Tgt Ion: 43 Resp: 1877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 10.4 | 21.5 | 32.3# |



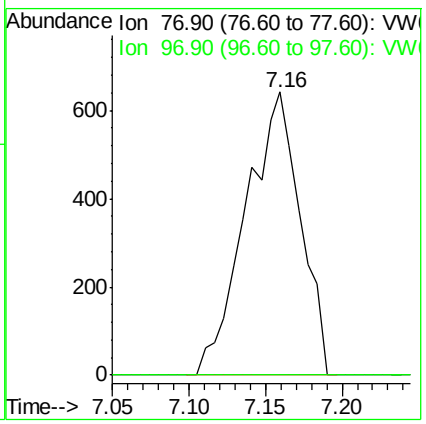


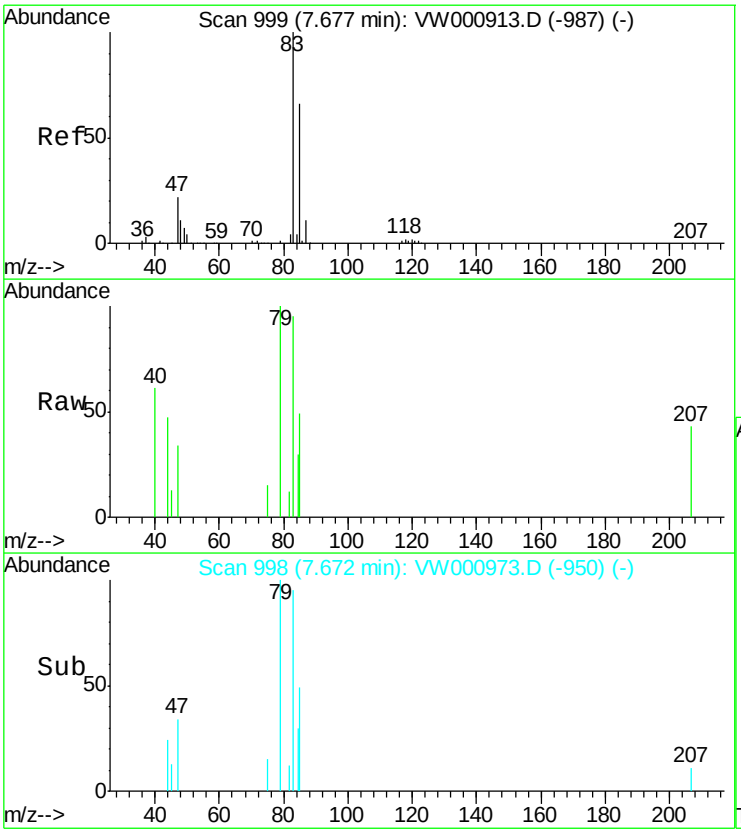

#26
2,2-Dichloropropane
Concen: 1.73 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW000973.D
Acq: 25 Jan 2018 02:27

**Instrument :** MSVOA_W
**ClientSampleId :** EPE-108-4(75-77)

Tgt Ion: 77 Resp: 1590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 0.0 | 11.8 | 35.3# |

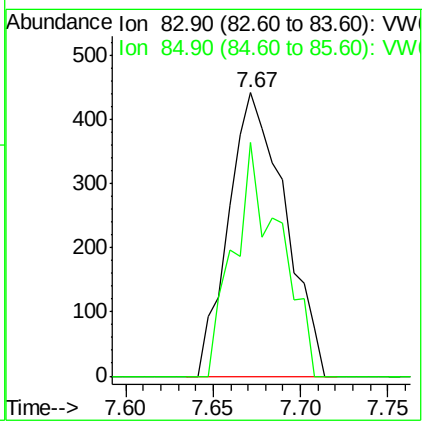


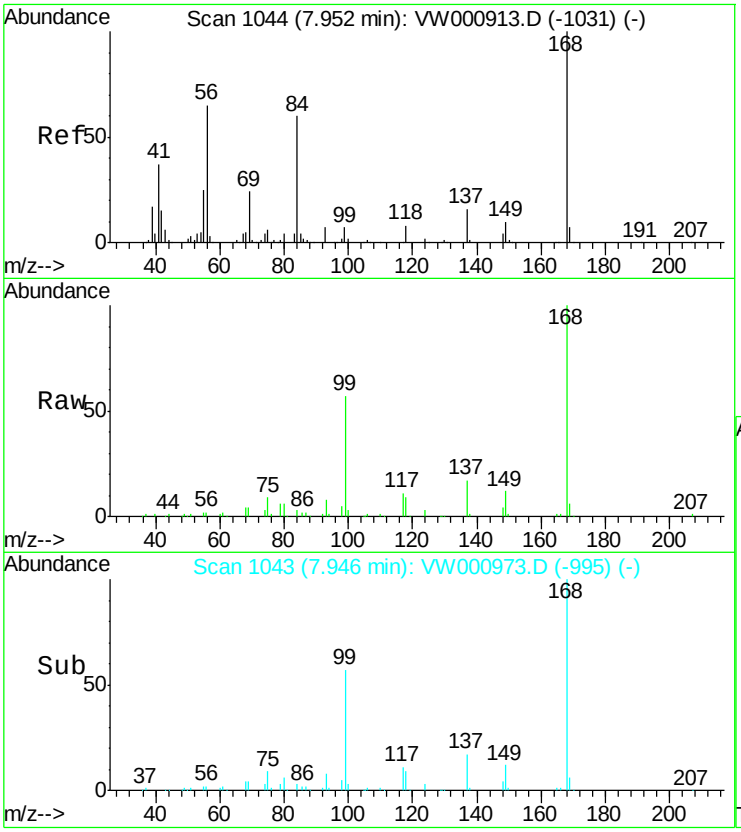




#30
Chloroform
Concen: 1.01 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW000973.D
Acq: 25 Jan 2018 02:27

Tgt Ion: 83 Resp: 987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 82.3 | 52.5 | 78.7# |



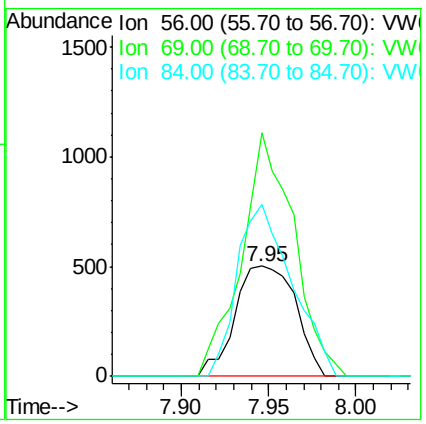


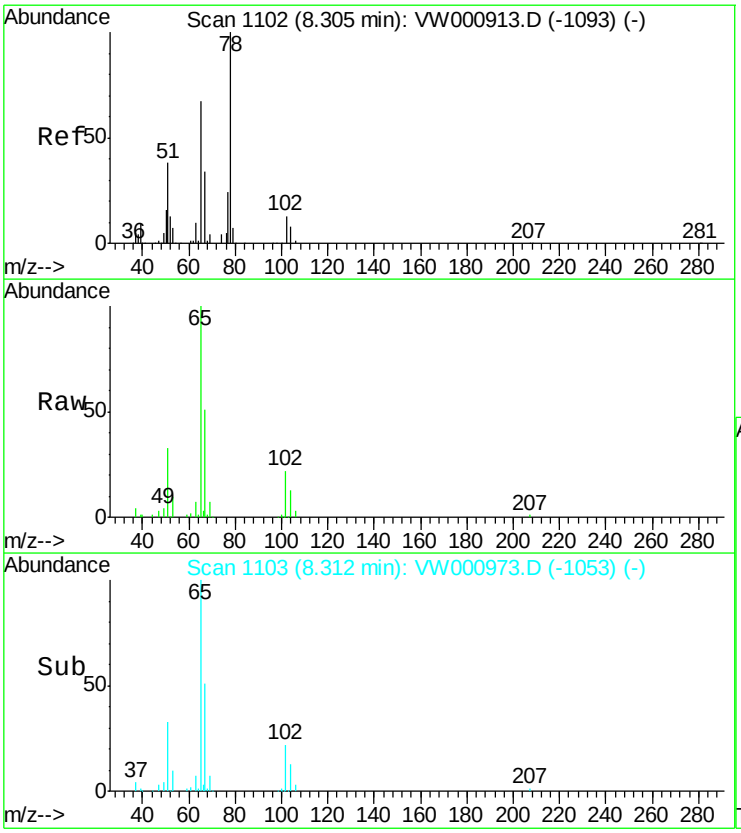

#31
Cyclohexane
Concen: 1.30 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW000973.D
Acq: 25 Jan 2018 02:27

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-4(75-77)

Tgt Ion: 56 Resp: 1215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 220.5 | 29.2 | 43.8# |
| 84 | 155.3 | 73.6 | 110.4# |

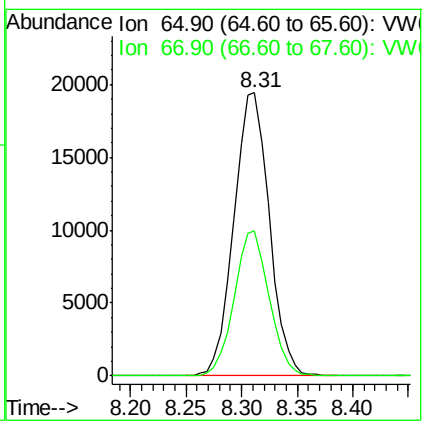


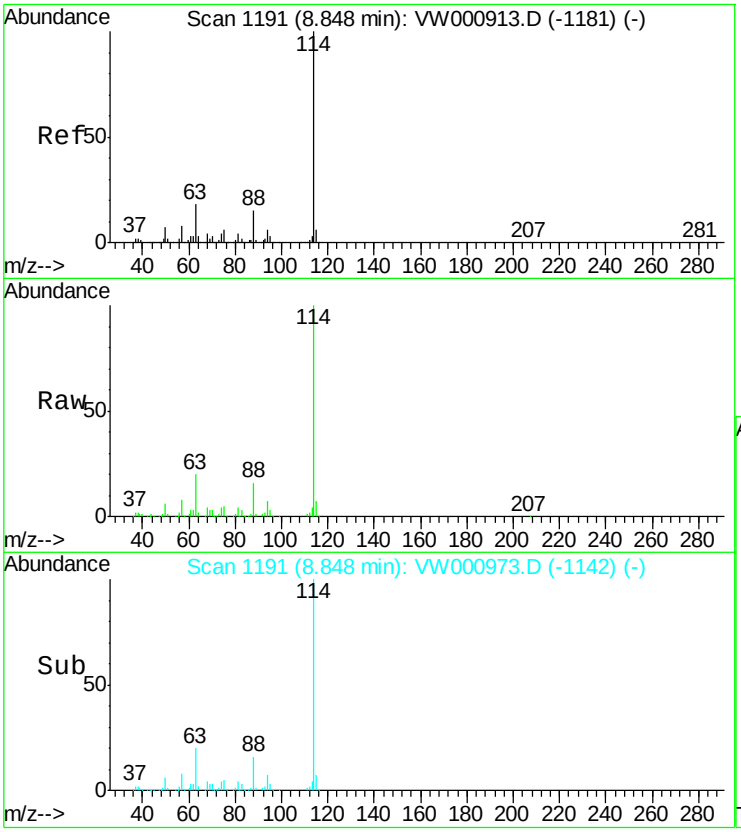




#33
1,2-Dichloroethane-d4
Concen: 74.89 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW000973.D
Acq: 25 Jan 2018 02:27

Tgt Ion: 65 Resp: 42952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.3 | 0.0 | 105.8 |



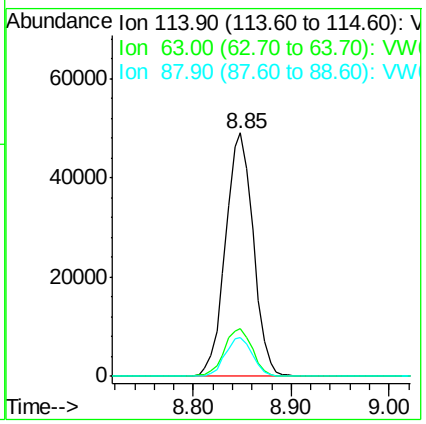


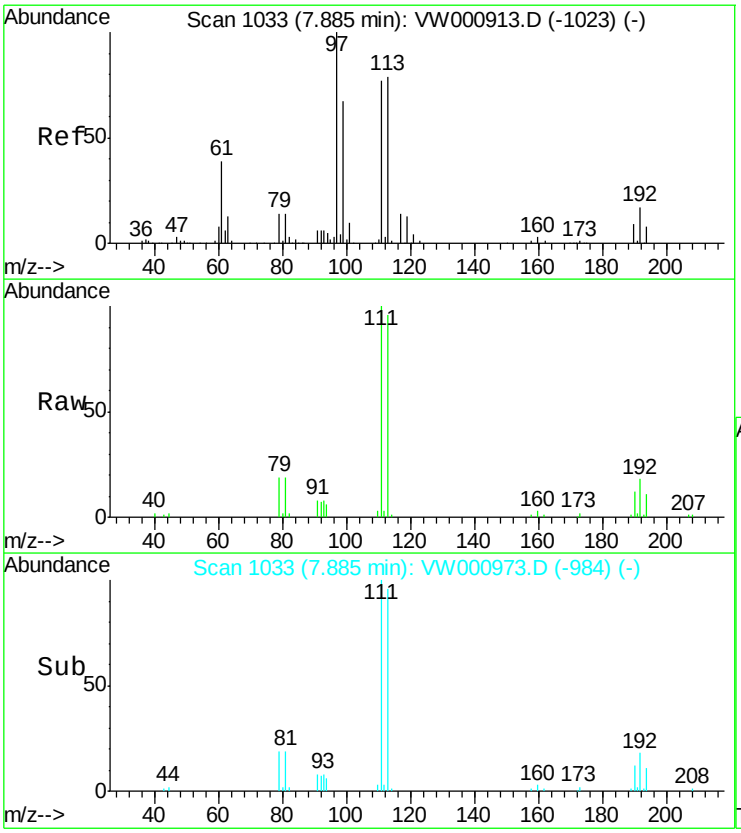

#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. 0.00 min
Lab File: VW000973.D
Acq: 25 Jan 2018 02:27

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-4(75-77)

Tgt Ion:114 Resp: 96611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.7 | 0.0 | 36.8 |
| 88 | 15.7 | 0.0 | 29.8 |

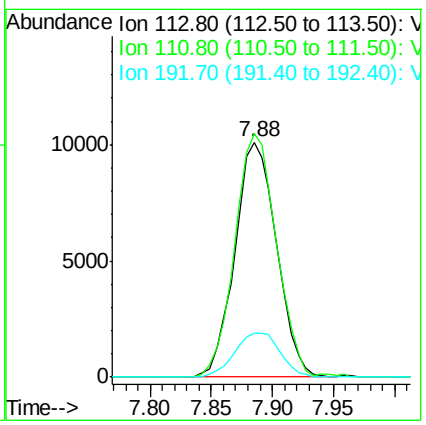


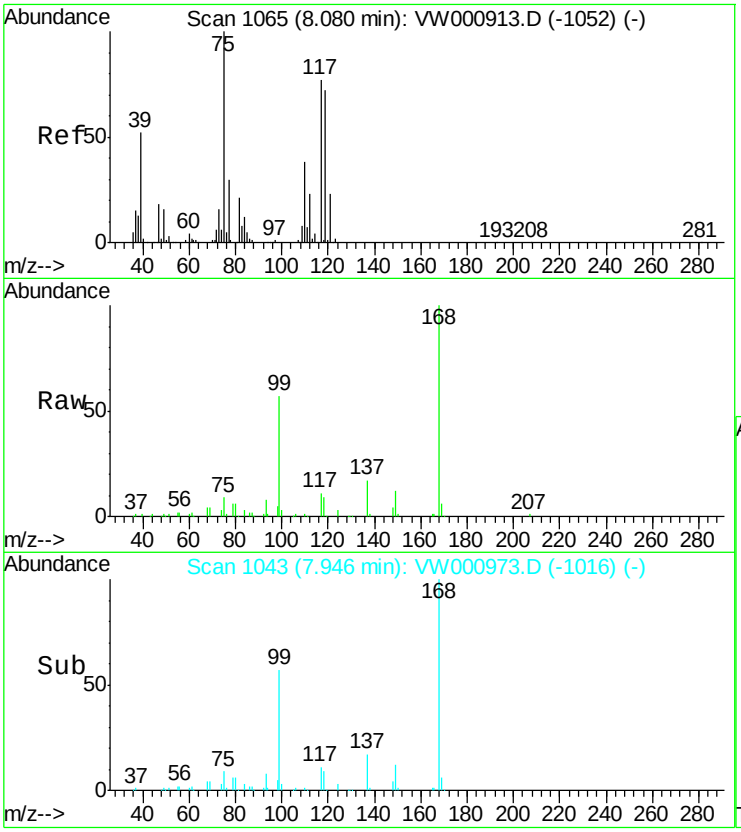




#35
Dibromofluoromethane
Concen: 40.36 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW000973.D
Acq: 25 Jan 2018 02:27

Tgt Ion:113 Resp: 23890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.7 | 80.4 | 120.6 |
| 192 | 20.5 | 17.0 | 25.4 |



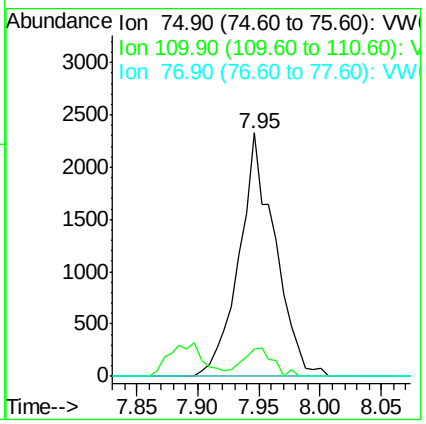


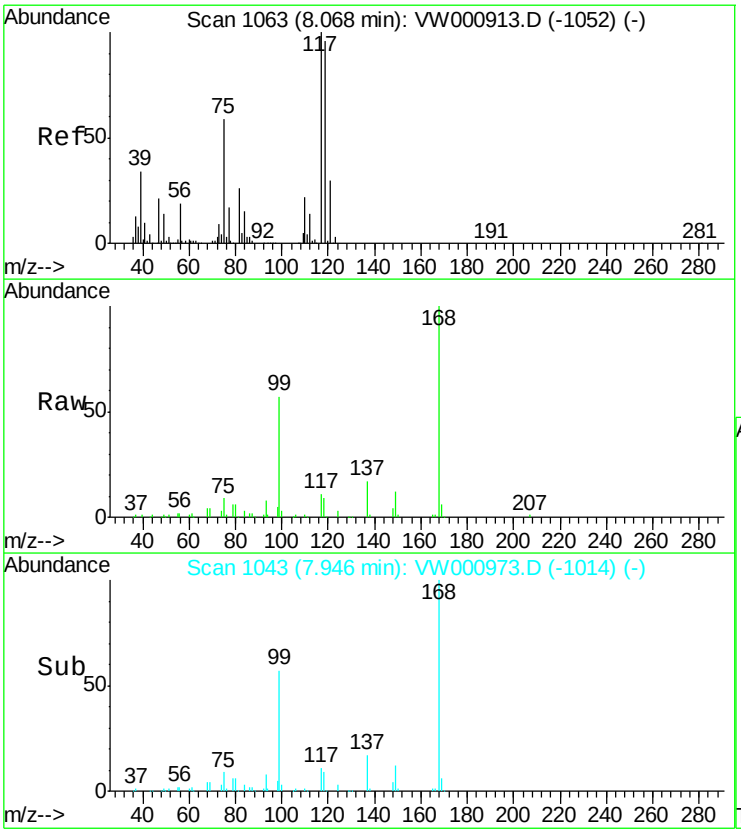

#36
1,1-Dichloropropene
Concen: 5.13 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.13 min
Lab File: VW000973.D
Acq: 25 Jan 2018 02:27

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-4(75-77)

Tgt Ion: 75 Resp: 4732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 10.0 | 18.6 | 56.0# |
| 77 | 0.0 | 24.6 | 36.8# |

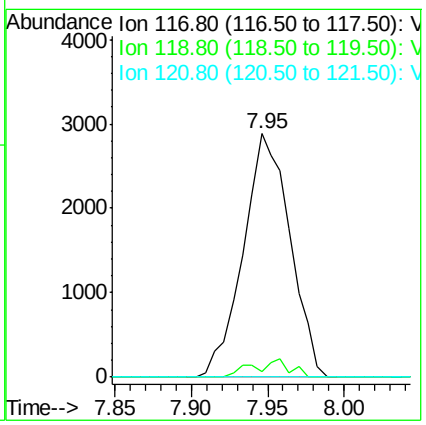


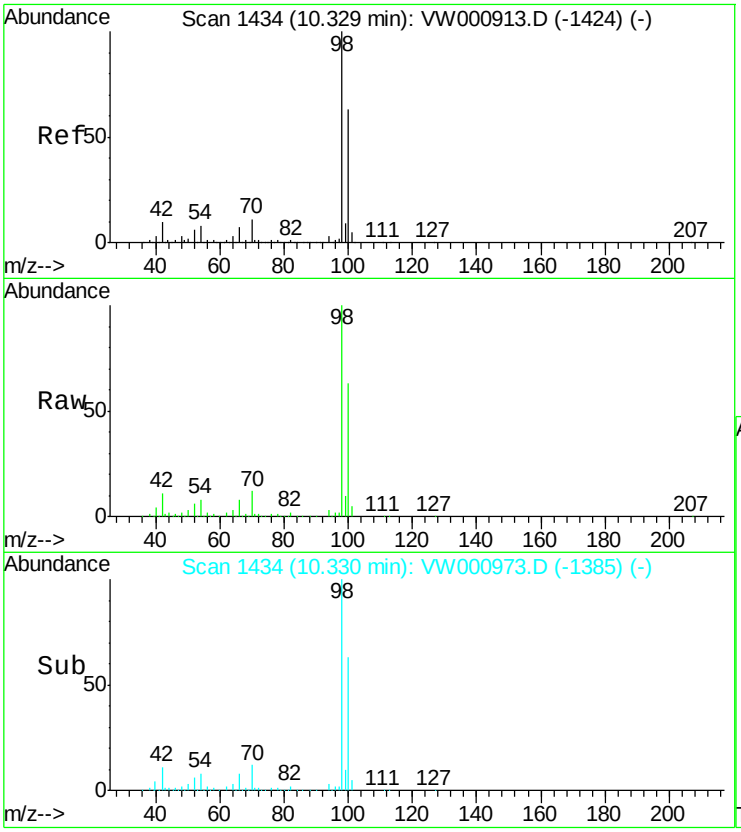




#38
Carbon Tetrachloride
Concen: 6.04 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW000973.D
Acq: 25 Jan 2018 02:27

Tgt Ion:117 Resp: 6140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 2.4 | 76.5 | 114.7# |
| 121 | 0.0 | 24.3 | 36.5# |



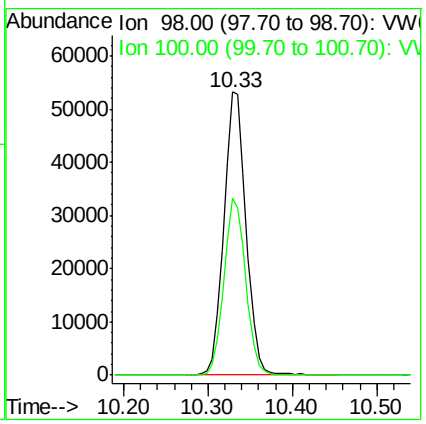


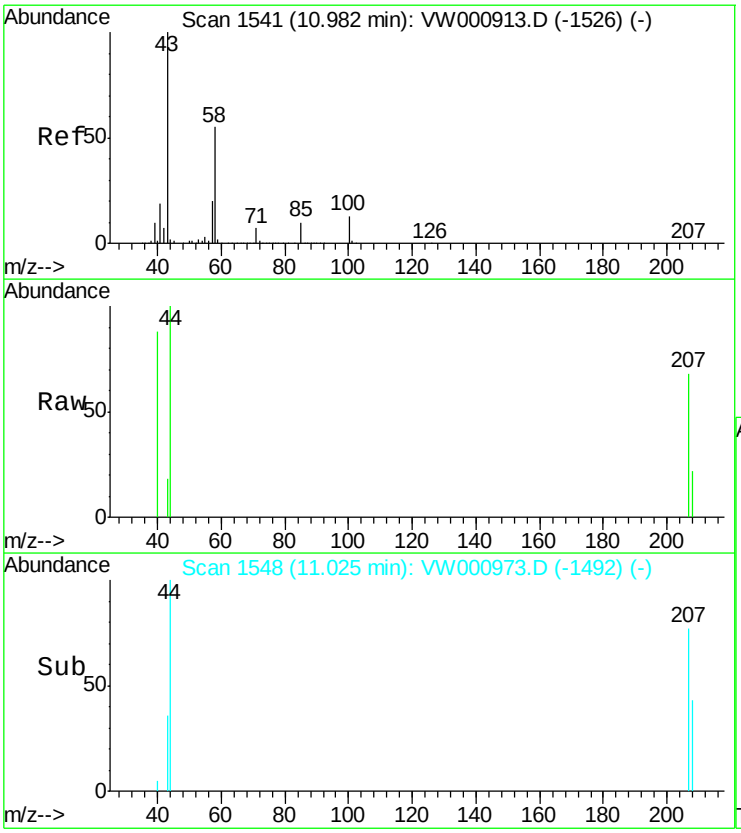

#50
Toluene-d8
Concen: 40.95 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW000973.D
Acq: 25 Jan 2018 02:27

**Instrument :** MSVOA_W
**ClientSampleId :** EPE-108-4(75-77)

Tgt Ion: 98 Resp: 95535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 61.2 | 50.8 | 76.2 |

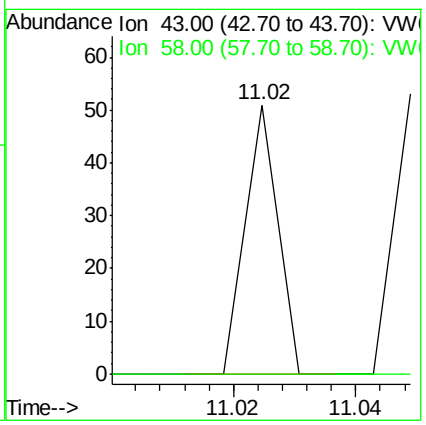


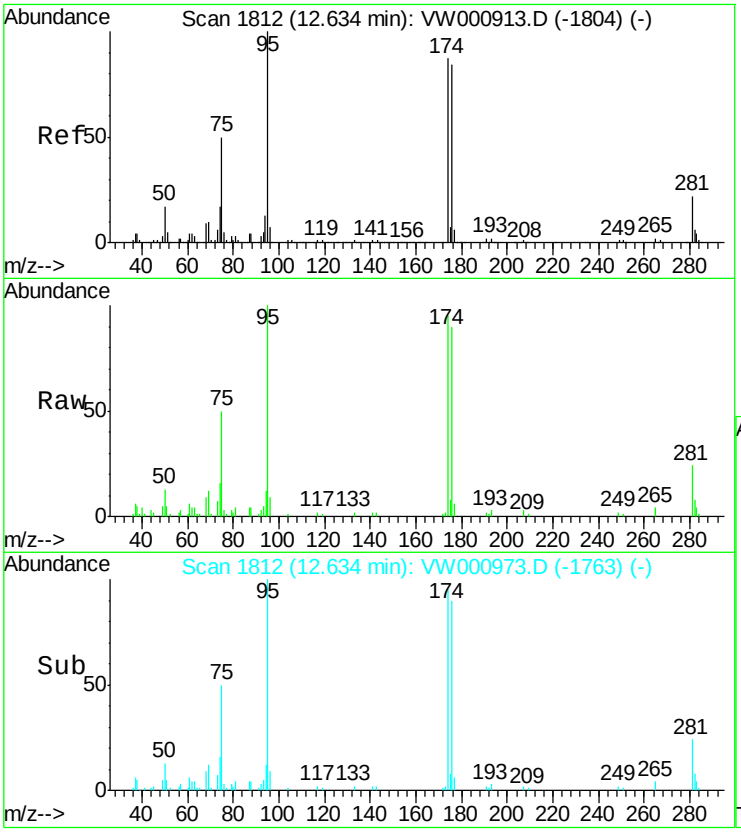




#59
2-Hexanone
Concen: 14.71 ug/l
RT: 11.02 min Scan# 1548
Delta R.T. 0.04 min
Lab File: VW000973.D
Acq: 25 Jan 2018 02:27

Tgt Ion: 43 Resp: 19

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



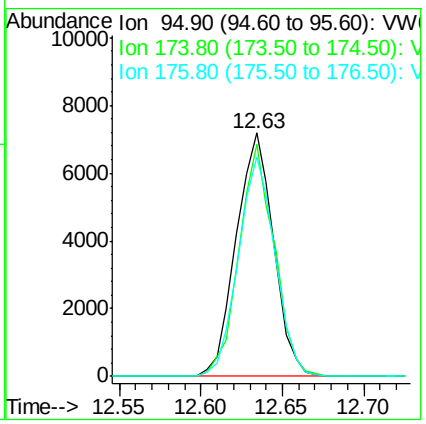


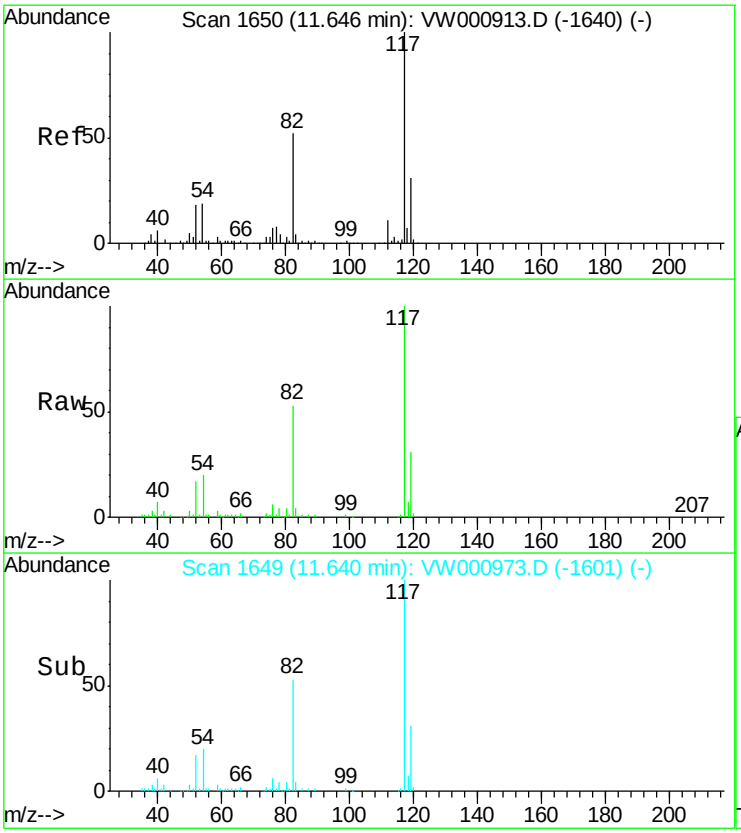

#62
4-Bromofluorobenzene
Concen: 13.45 ug/l
RT: 12.63 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW000973.D
Acq: 25 Jan 2018 02:27

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-4(75-77)

Tgt Ion: 95 Resp: 11426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 90.4 | 0.0 | 176.8 |
| 176 | 88.6 | 0.0 | 171.8 |

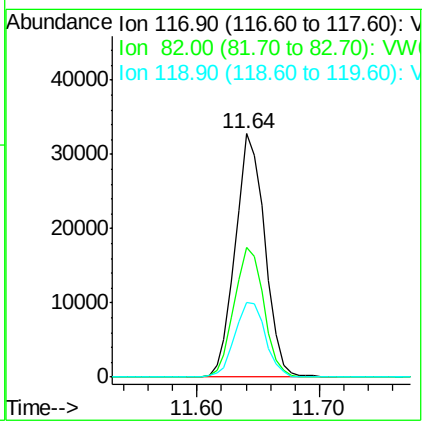


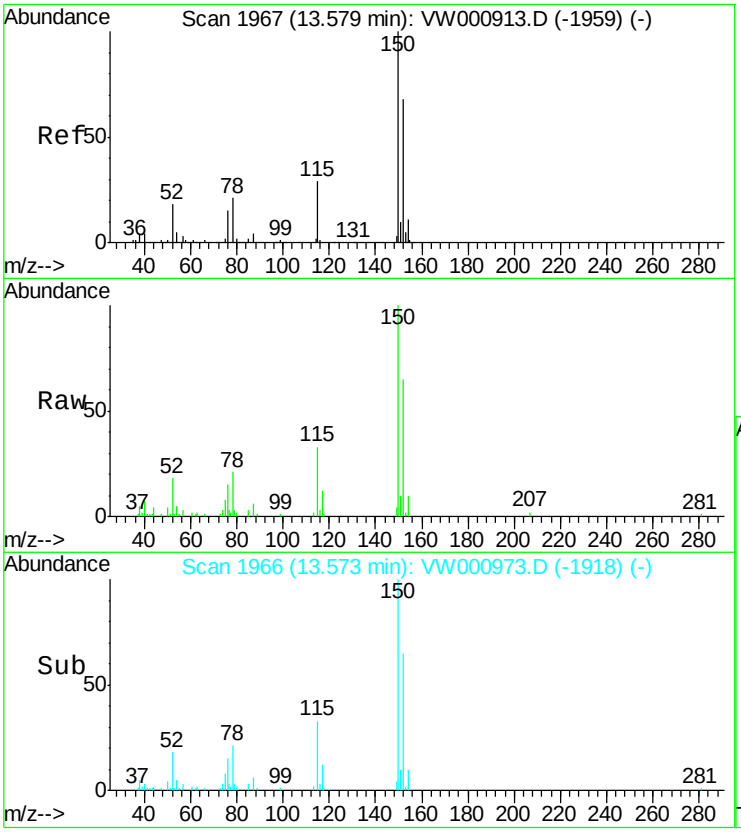




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.01 min
Lab File: VW000973.D
Acq: 25 Jan 2018 02:27

Tgt Ion:117 Resp: 54730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.0 | 41.8 | 62.6 |
| 119 | 30.6 | 25.2 | 37.8 |



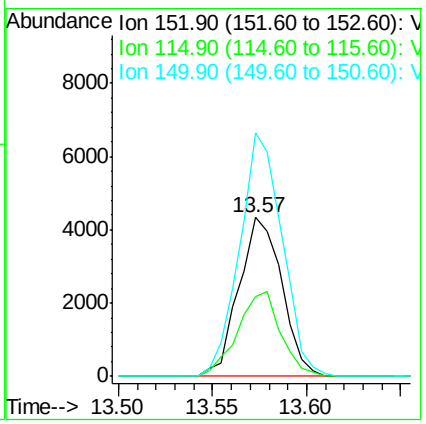


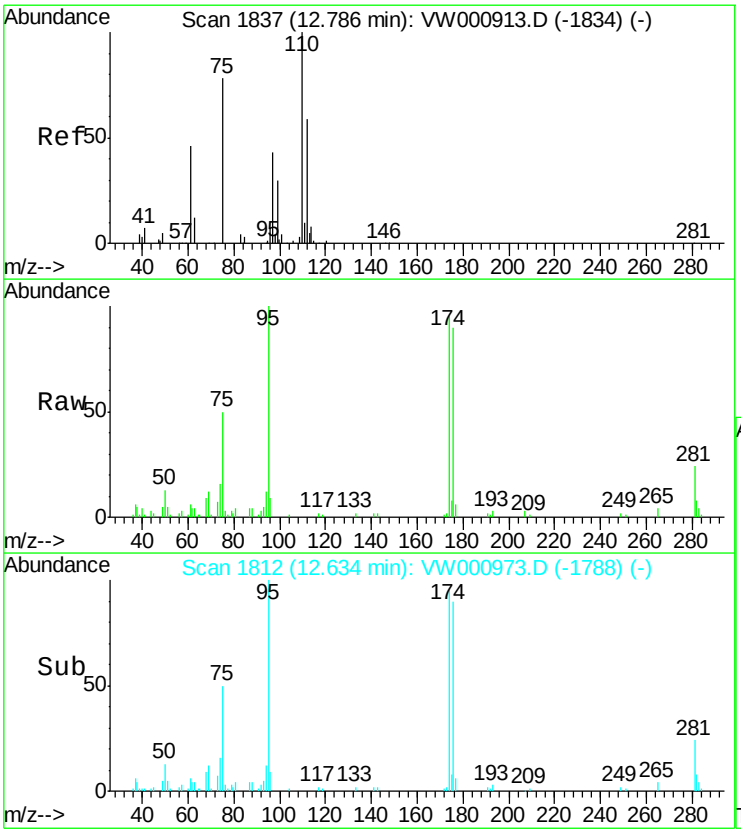

#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.01 min
Lab File: VW000973.D
Acq: 25 Jan 2018 02:27

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-4(75-77)

Tgt Ion:152 Resp: 6837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 53.4 | 28.5 | 85.5 |
| 150 | 152.4 | 0.0 | 342.0 |

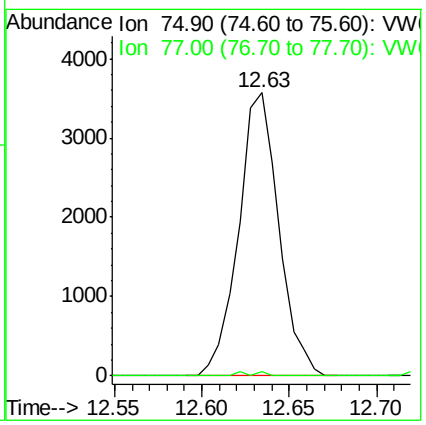


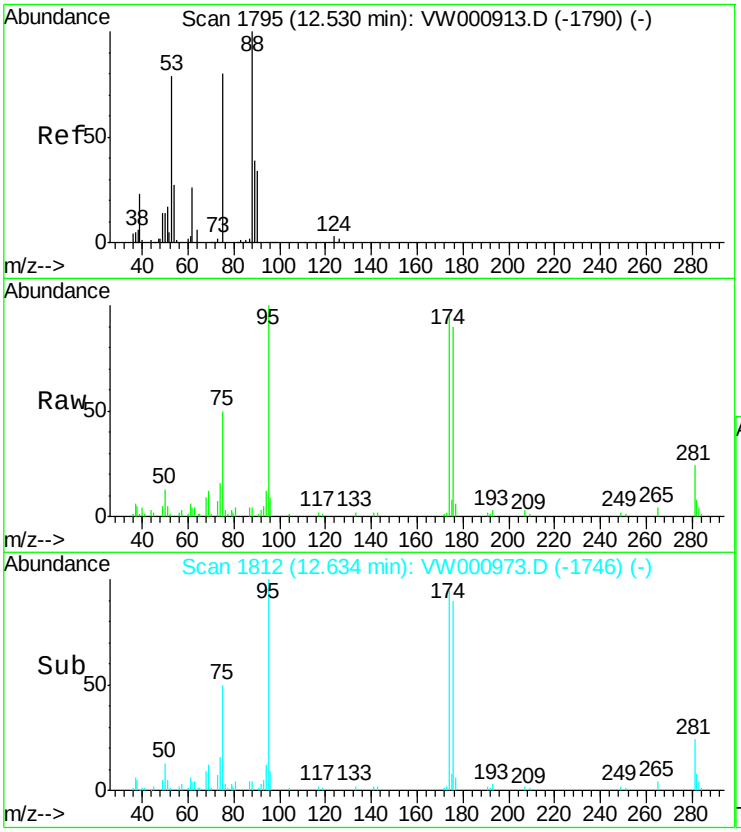




#76
1,2,3-Trichloropropane
Concen: 72.11 ug/l
RT: 12.63 min Scan# 1812
Delta R.T. -0.15 min
Lab File: VW000973.D
Acq: 25 Jan 2018 02:27

Tgt Ion: 75 Resp: 5705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.8 | 0.0 | 0.0# |






#81
trans-1,4-Dichloro-2-butene
Concen: 169.04 ug/l
RT: 12.63 min Scan# 1812
Delta R.T. 0.10 min
Lab File: VW000973.D
Acq: 25 Jan 2018 02:27

**Instrument :**
MSVOA_W
**ClientSampleId :**
EPE-108-4(75-77)

Tgt Ion: 75 Resp: 5705

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