Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091118\
Data File : VW005280.D
Acq On : 11 Sep 2018 17:10
Operator : SY/AP
Sample : J4724-18
Misc : 5.09G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** EP1-SUT-4USTS-SB

Quant Time: Sep 12 01:06:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.96 | 168 | 23619 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.85 | 114 | 39217 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.64 | 117 | 28702 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.54 | 152 | 58602 | 50.00 | ug/l | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.32 | 65 | 11895 | 67.52 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 135.04% | | | | |
| 35) Dibromofluoromethane | 7.90 | 113 | 11266 | 54.84 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 109.68% | | | | |
| 50) Toluene-d8 | 10.33 | 98 | 72457 | 69.80 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 139.60% | | | | |
| 62) 4-Bromofluorobenzene | 12.62 | 95 | 230542 | 607.16 | ug/l | | -0.01 |
| Spiked Amount 50.000 | | | Recovery = 1214.32% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 3) Chloromethane | 2.21 | 50 | 566 | 2.078 | ug/l | | 96 |
| 5) Bromomethane | 2.79 | 94 | 629 | 1.236 | ug/l | # | 56 |
| 6) Chloroethane | 2.90 | 64 | 296 | 2.149 | ug/l | # | 43 |
| 10) Methyl Iodide | 4.29 | 142 | 450 | 4.999 | ug/l | # | 82 |
| 11) Tert butyl alcohol | 5.16 | 59 | 71 | 4.915 | ug/l | # | 73 |
| 13) Acrolein | 3.89 | 56 | 21 | 1.505 | ug/l | # | 1 |
| 16) Acetone | 4.13 | 43 | 6480 | 198.171 | ug/l | | 97 |
| 17) Carbon Disulfide | 4.39 | 76 | 1568 | 2.401 | ug/l | # | 74 |
| 18) Methyl Acetate | 4.67 | 43 | 351 | 3.596 | ug/l | # | 48 |
| 20) Methylene Chloride | 4.94 | 84 | 2198 | 6.157 | ug/l | # | 70 |
| 25) 2-Butanone | 7.18 | 43 | 672 | 13.029 | ug/l | # | 43 |
| 29) Tetrahydrofuran | 7.54 | 42 | 95 | 2.733 | ug/l | # | 31 |
| 31) Cyclohexane | 7.96 | 56 | 9039 | 23.978 | ug/l | | 95 |
| 36) 1,1-Dichloropropene | 7.96 | 75 | 1820 | 5.066 | ug/l | # | 57 |
| 38) Carbon Tetrachloride | 7.96 | 117 | 2160 | 6.418 | ug/l | # | 21 |
| 39) Methylcyclohexane | 9.34 | 83 | 59116 | 123.923 | ug/l | | 97 |
| 40) Benzene | 8.34 | 78 | 1367 | 1.291 | ug/l | # | 89 |
| 41) Methacrylonitrile | 7.52 | 41 | 126 | 1.797 | ug/l | # | 35 |
| 43) Isopropyl Acetate | 8.43 | 43 | 2042 | 8.046 | ug/l | # | 50 |
| 44) Trichloroethene | 9.10 | 130 | 1204 | 4.146 | ug/l | | 96 |
| 45) 1,2-Dichloropropane | 9.34 | 63 | 935 | 3.675 | ug/l | # | 1 |
| 47) Bromodichloromethane | 9.62 | 83 | 1313 | 4.310 | ug/l | # | 52 |
| 48) Methyl methacrylate | 9.39 | 41 | 3626 | 27.517 | ug/l | # | 30 |
| 51) 4-Methyl-2-Pentanone | 10.33 | 43 | 21829 | 152.849 | ug/l | # | 41 |
| 52) Toluene | 10.40 | 92 | 4794 | 6.231 | ug/l | | 97 |
| 55) 1,1,2-Trichloroethane | 10.77 | 97 | 167857 | 845.319 | ug/l | # | 23 |
| 56) Ethyl methacrylate | 10.67 | 69 | 72567 | 288.258 | ug/l | # | 24 |
| 59) 2-Hexanone | 10.94 | 43 | 1057185 | 10268.114 | ug/l | # | 26 |
| 60) Dibromochloromethane | 11.05 | 129 | 2188 | 9.930 | ug/l | | 72 |
| 61) 1,2-Dibromoethane | 11.23 | 107 | 1157 | 6.354 | ug/l | # | 1 |
| 64) Tetrachloroethene | 10.87 | 164 | 6250 | 29.350 | ug/l | | 97 |
| 65) Chlorobenzene | 11.56 | 112 | 8064 | 12.825 | ug/l | # | 42 |
| 67) Ethyl Benzene | 11.74 | 91 | 707795 | 646.406 | ug/l | | 99 |
| 68) m/p-Xylenes | 11.85 | 106 | 861181 | 1951.711 | ug/l | | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091118\
Data File : VW005280.D
Acq On : 11 Sep 2018 17:10
Operator : SY/AP
Sample : J4724-18
Misc : 5.09G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** EP1-SUT-4USTS-SB

Quant Time: Sep 12 01:06:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 69) o-Xylene | 12.17 | 106 | 42058 | 102.450 | ug/l | | 41 |
| 70) Styrene | 12.18 | 104 | 3012 | 4.496 | ug/l | # | 1 |
| 73) Isopropylbenzene | 12.48 | 105 | 2797935 | 675.747 | ug/l | | 100 |
| 74) N-amyl acetate | 12.26 | 43 | 3809936 | 4836.263 | ug/l | # | 59 |
| 75) 1,1,2,2-Tetrachloroethane | 12.69 | 83 | 279740 | 449.551 | ug/l | # | 65 |
| 76) 1,2,3-Trichloropropane | 12.81 | 75 | 39382 | 87.372 | ug/l | # | 100 |
| 77) Bromobenzene | 12.72 | 156 | 4838 | 4.960 | ug/l | # | 1 |
| 78) n-propylbenzene | 12.81 | 91 | 6960149 | 1399.633 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 12.88 | 91 | 1544943 | 541.762 | ug/l | # | 41 |
| 80) 1,3,5-Trimethylbenzene | 12.95 | 105 | 10309886 | 2924.173 | ug/l | | 94 |
| 81) trans-1,4-Dichloro-2-buten | 12.47 | 75 | 28537 | 148.480 | ug/l | # | 1 |
| 82) 4-Chlorotoluene | 12.95 | 91 | 1121691 | 374.219 | ug/l | # | 48 |
| 83) tert-Butylbenzene | 13.21 | 119 | 411612 | 133.484 | ug/l | | 93 |
| 84) 1,2,4-Trimethylbenzene | 13.40 | 105 | 2920134 | 824.201 | ug/l | # | 30 |
| 85) sec-Butylbenzene | 13.40 | 105 | 2920134 | 658.930 | ug/l | # | 76 |
| 86) p-Isopropyltoluene | 13.51 | 119 | 2101546 | 535.687 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 13.59 | 146 | 2478 | 1.232 | ug/l | # | 1 |
| 89) n-Butylbenzene | 13.83 | 91 | 3557640 | 964.673 | ug/l | # | 71 |
| 90) Hexachloroethane | 14.11 | 117 | 380141 | 604.802 | ug/l | # | 5 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75 | 4325 | 41.796 | ug/l | # | 1 |
| 95) Naphthalene | 15.38 | 128 | 808689 | 391.662 | ug/l | | 100 |

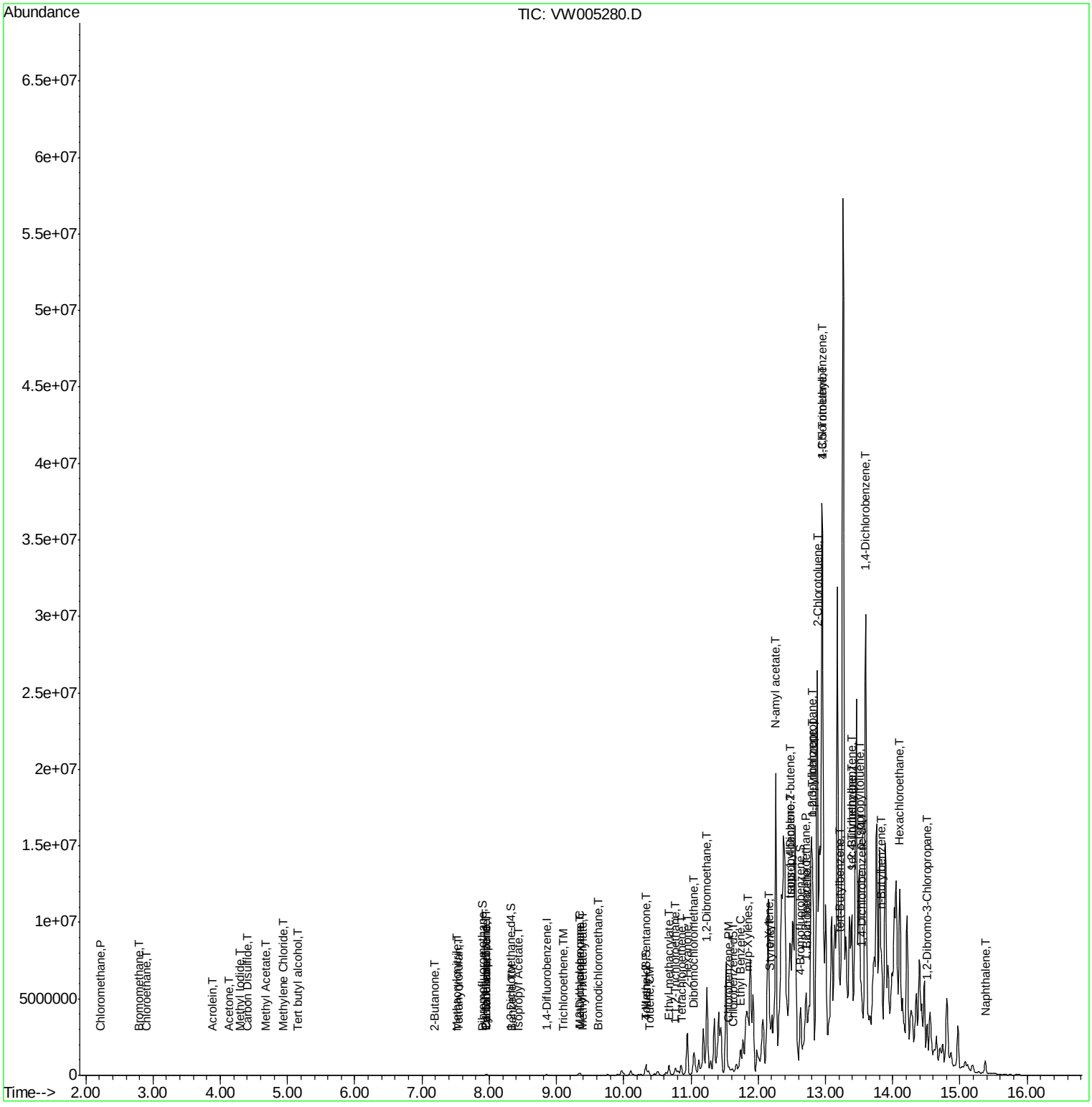
(#) = qualifier out of range (m) = manual integration (+) = signals summed

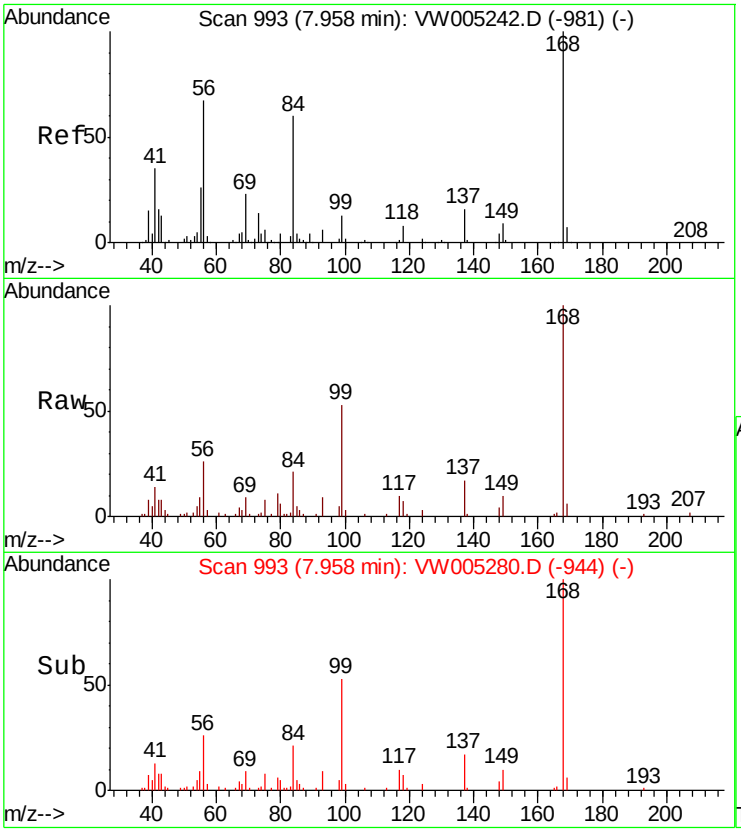
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091118\
Data File : VW005280.D
Acq On : 11 Sep 2018 17:10
Operator : SY/AP
Sample : J4724-18
Misc : 5.09G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
EP1-SUT-4USTS-SB

Quant Time: Sep 12 01:06:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration



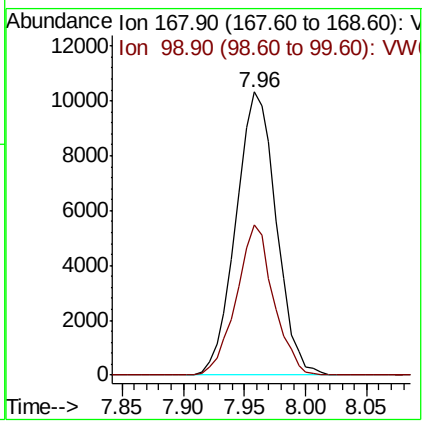


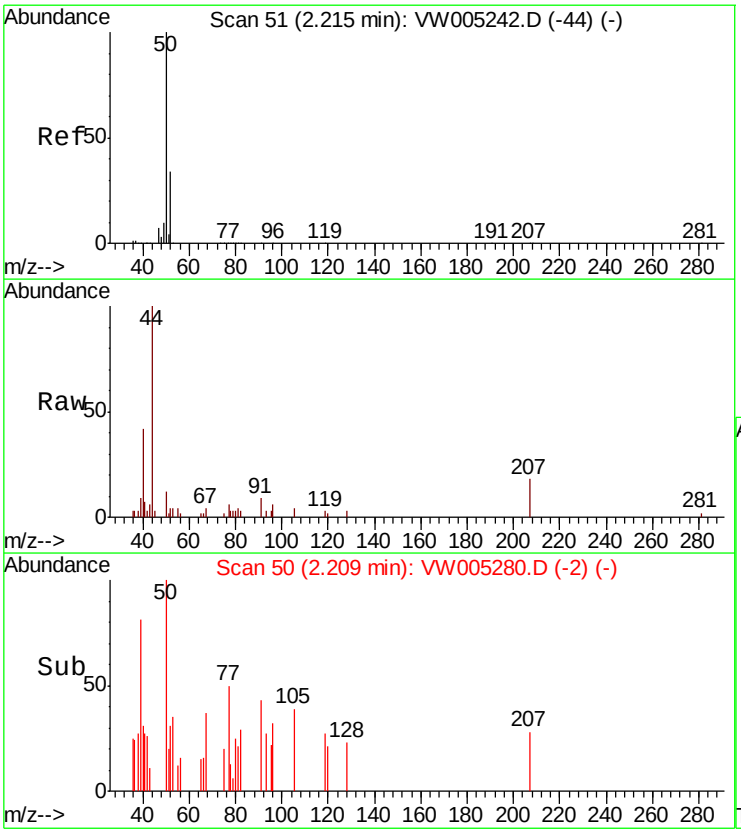

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :**
MSVOA_W
**ClientSampleId :**
EP1-SUT-4USTS-SB

Tgt Ion:168 Resp: 23619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 53.1 | 39.1 | 58.7 |

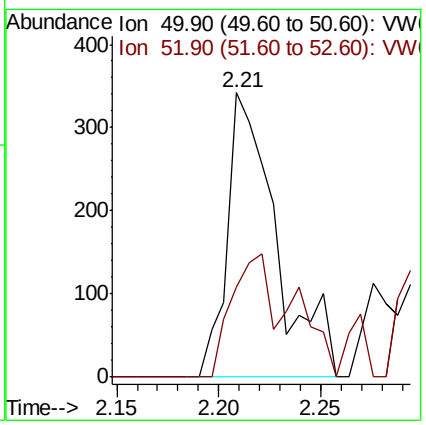


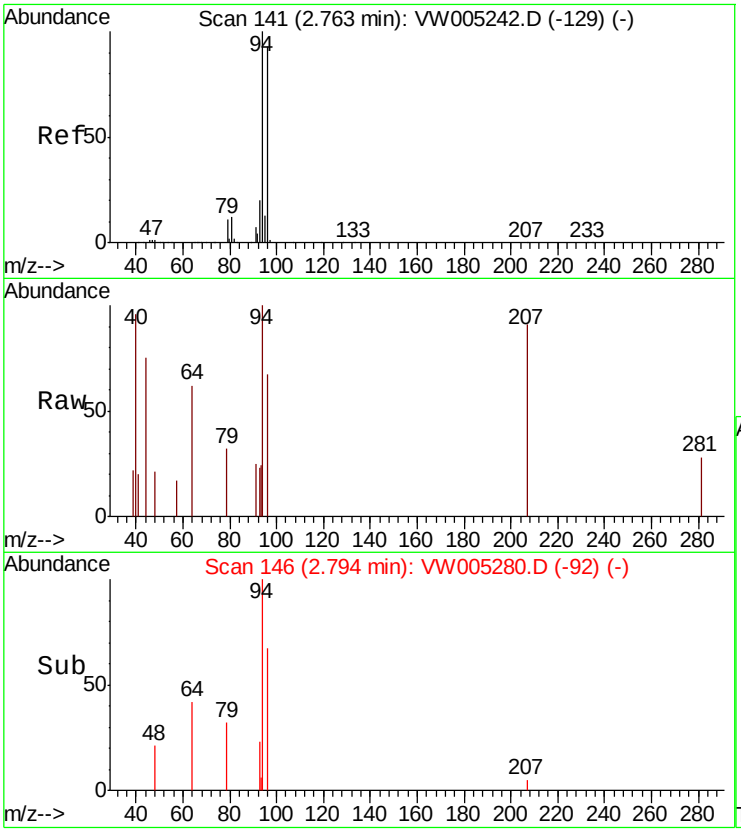




#3
Chloromethane
Concen: 2.078 ug/l
RT: 2.21 min Scan# 50
Delta R.T. -0.01 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion: 50 Resp: 566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.3 | 27.0 | 40.4 |



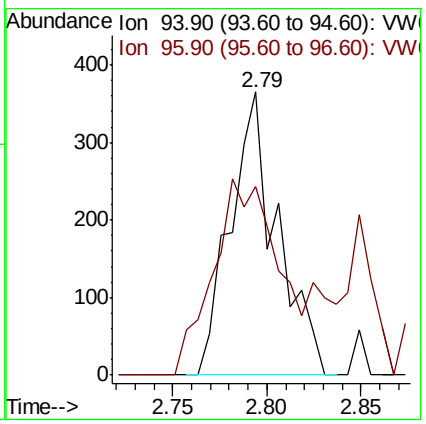


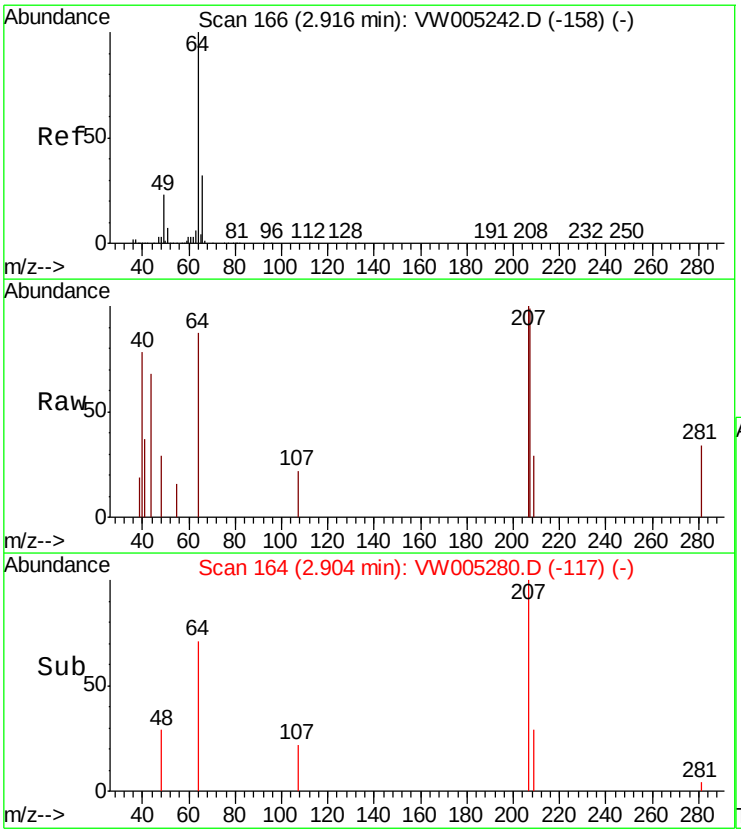

#5
Bromomethane
Concen: 1.236 ug/l
RT: 2.79 min Scan# 146
Delta R.T. 0.03 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :**
MSVOA_W
**ClientSampleId :**
EP1-SUT-4USTS-SB

Tgt Ion: 94 Resp: 629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 50.7 | 74.1 | 111.1# |

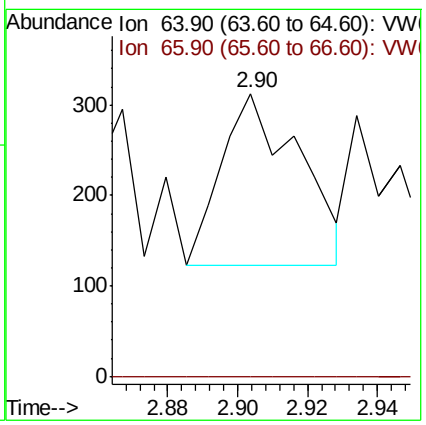


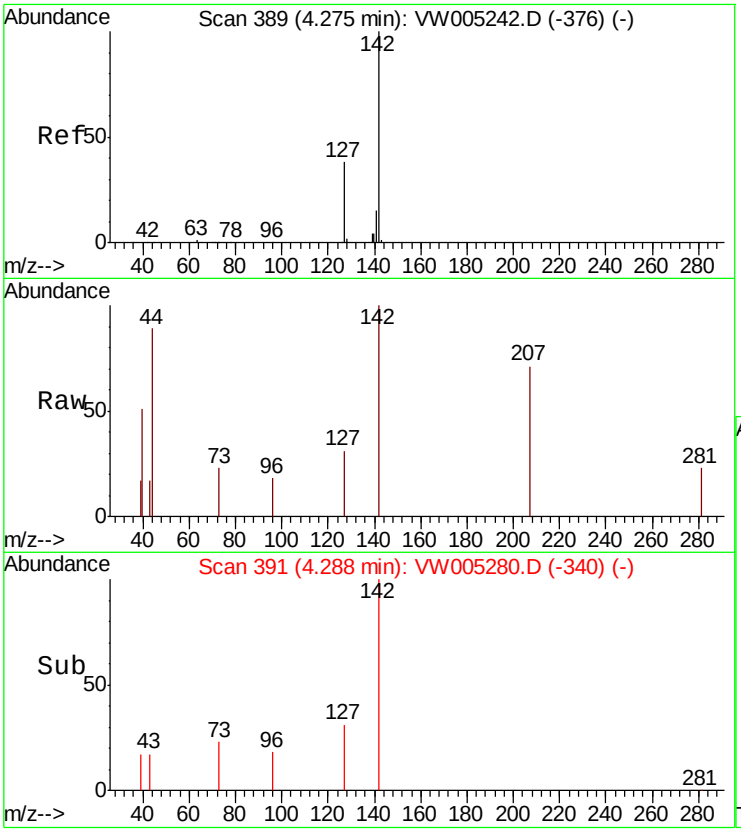




#6
Chloroethane
Concen: 2.149 ug/l
RT: 2.90 min Scan# 164
Delta R.T. -0.01 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion: 64 Resp: 296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 0.0 | 25.3 | 37.9# |



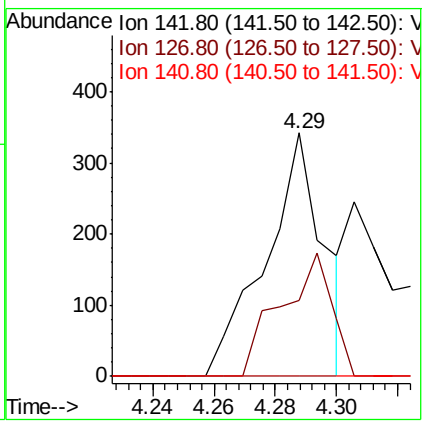


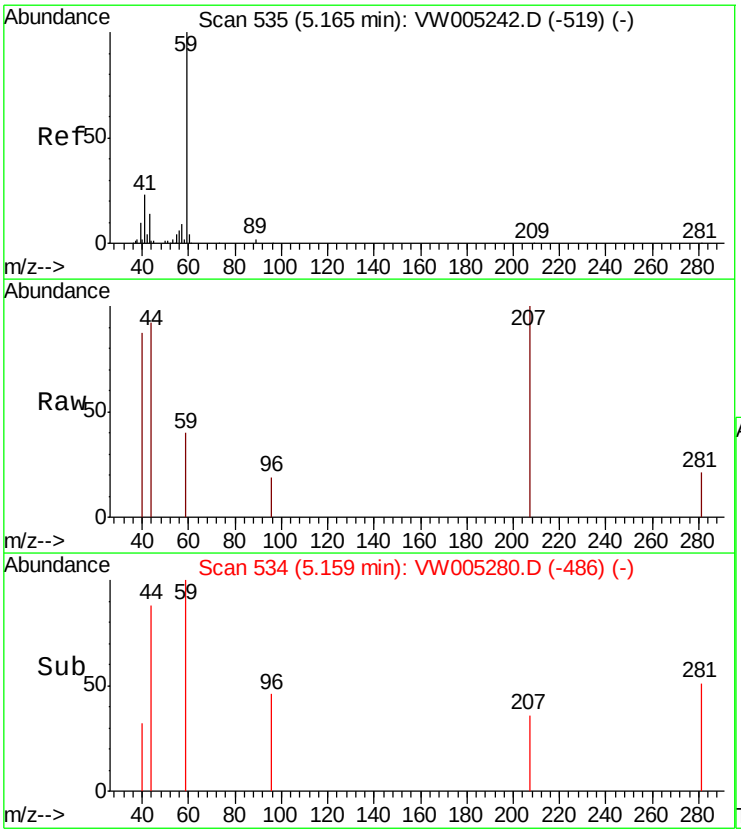

#10
Methyl Iodide
Concen: 4.999 ug/l
RT: 4.29 min Scan# 391
Delta R.T. 0.01 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :** MSVOA_W
**ClientSampleId :** EP1-SUT-4USTS-SB

Tgt Ion:142 Resp: 450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 44.9 | 30.3 | 45.5 |
| 141 | 0.0 | 11.4 | 17.0# |

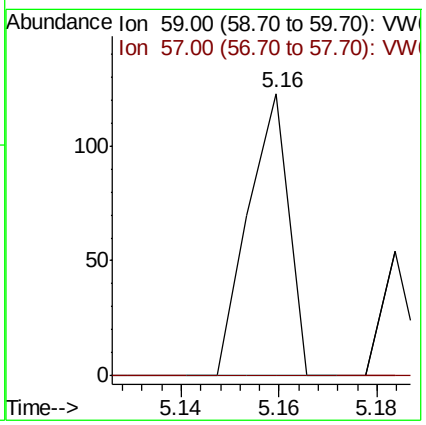


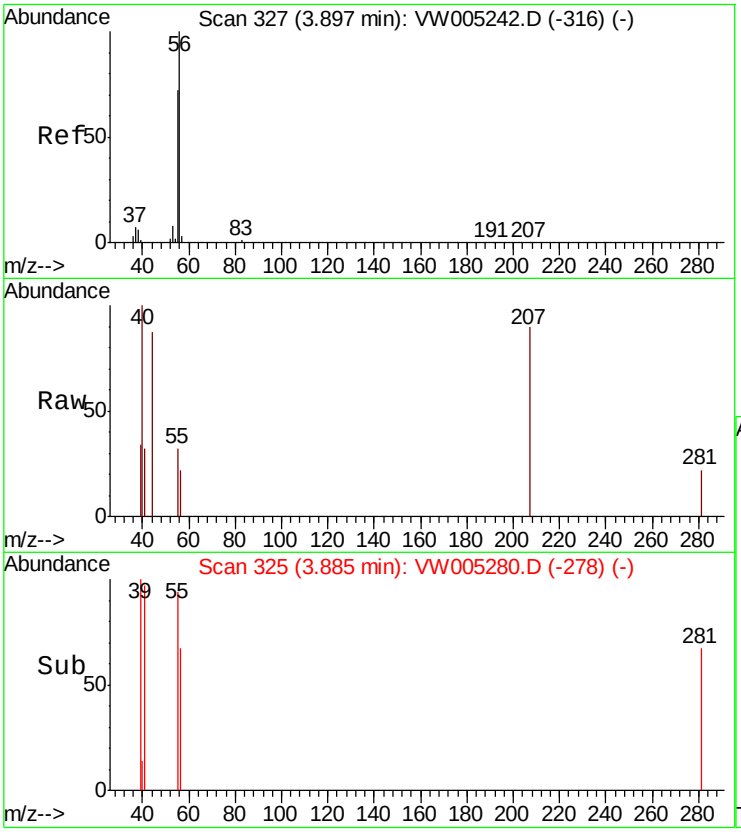




#11
Tert butyl alcohol
Concen: 4.915 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion: 59 Resp: 71

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.1 | 12.1# |



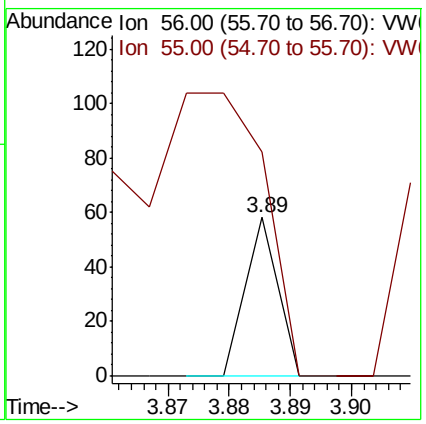


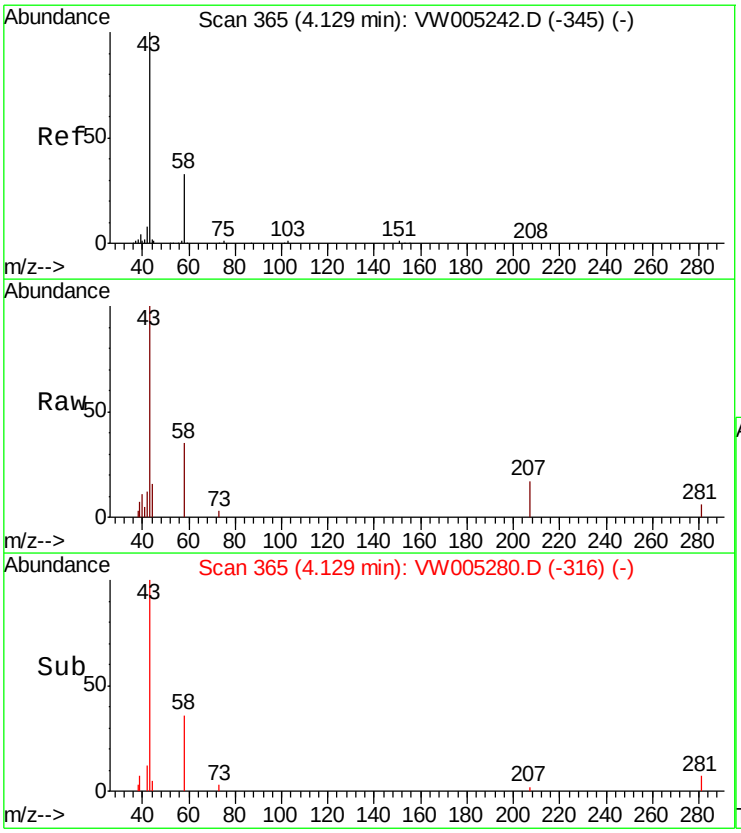

#13
Acrolein
Concen: 1.505 ug/l
RT: 3.89 min Scan# 325
Delta R.T. -0.01 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :**
MSVOA_W
**ClientSampleId :**
EP1-SUT-4USTS-SB

Tgt Ion: 56 Resp: 21

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 861.9 | 56.8 | 85.2# |

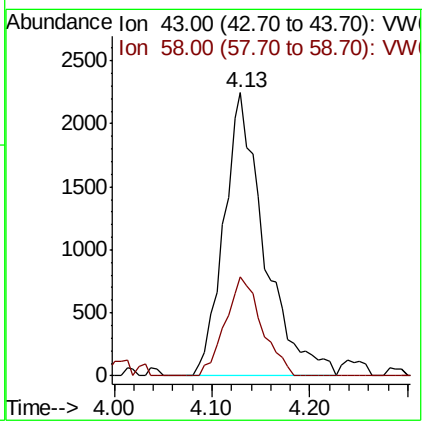


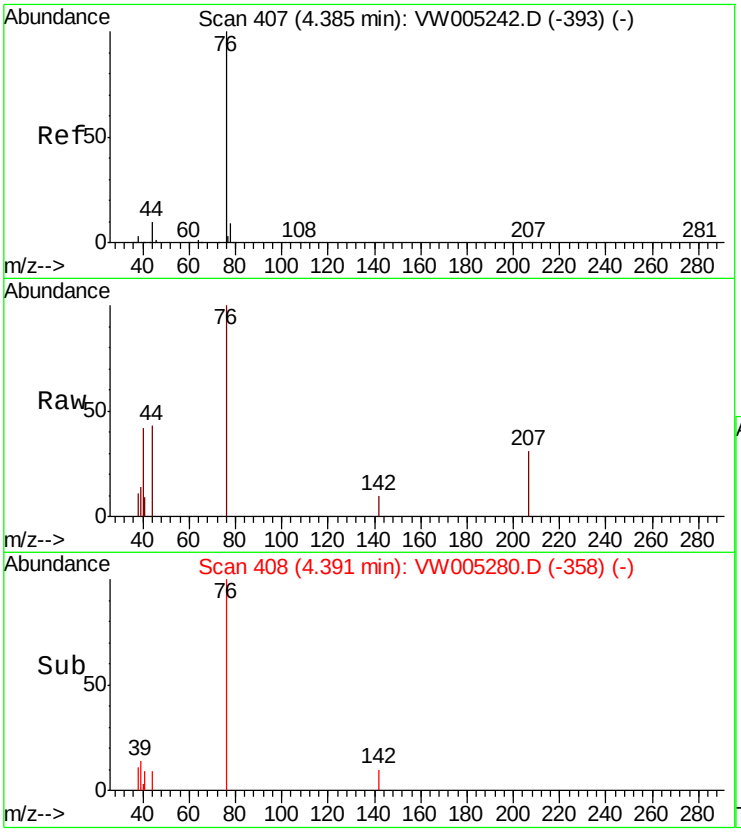




#16
Acetone
Concen: 198.171 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion: 43 Resp: 6480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 35.0 | 26.7 | 40.1 |



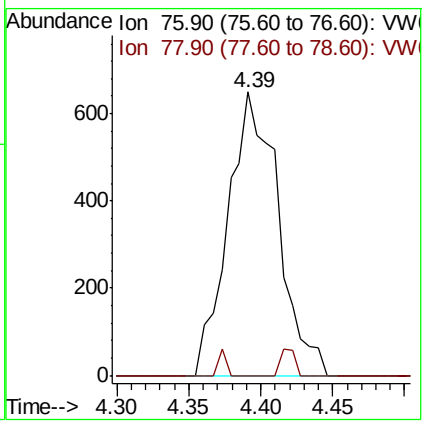


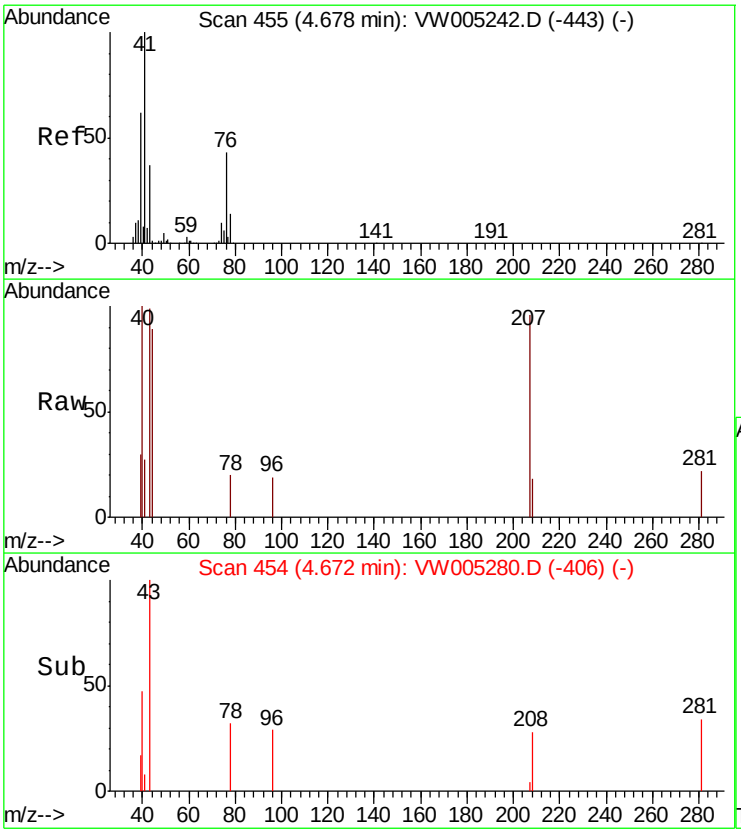

#17
Carbon Disulfide
Concen: 2.401 ug/l
RT: 4.39 min Scan# 408
Delta R.T. 0.01 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :** MSVOA_W
**ClientSampleId :** EP1-SUT-4USTS-SB

Tgt Ion: 76 Resp: 1568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 0.0 | 7.5 | 11.3# |

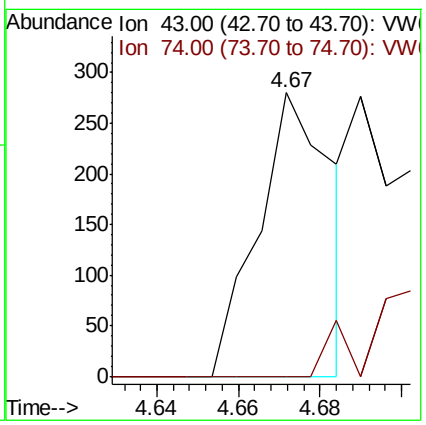


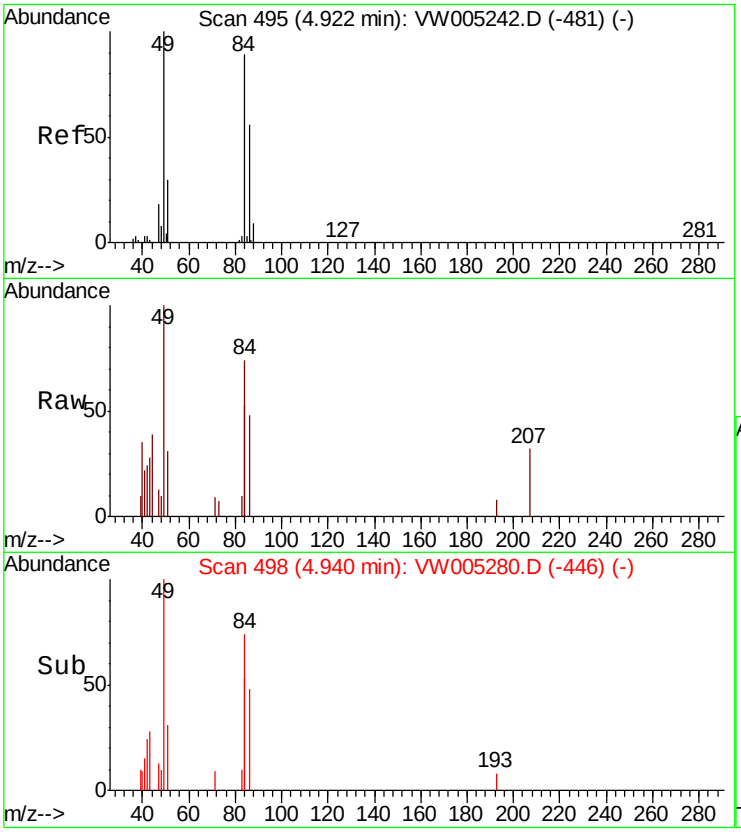




#18
Methyl Acetate
Concen: 3.596 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion: 43 Resp: 351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 21.4 | 32.2# |



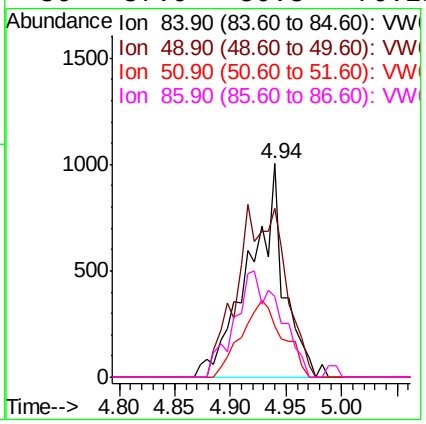


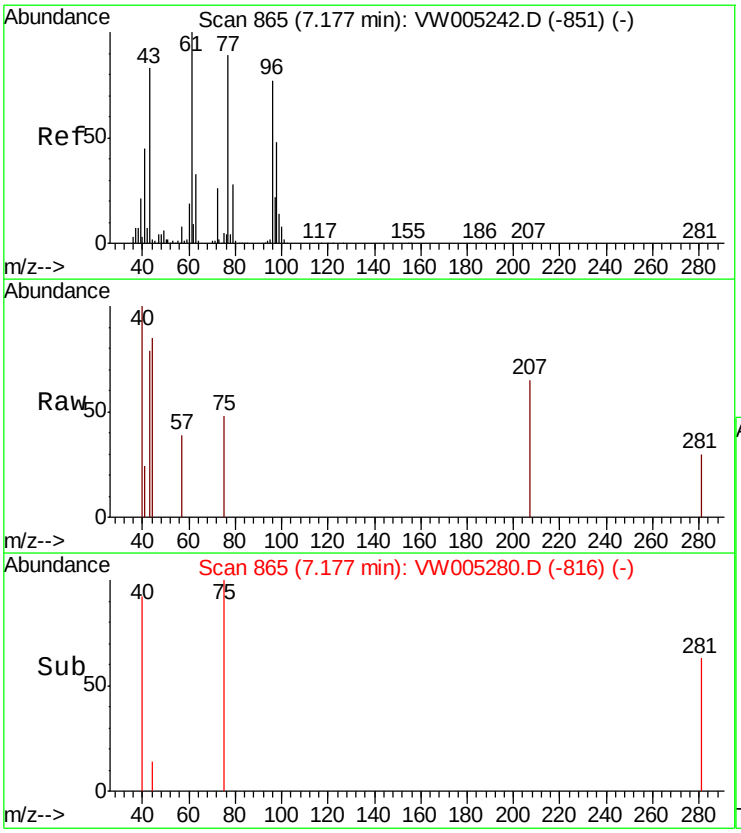

#20
Methylene Chloride
Concen: 6.157 ug/l
RT: 4.94 min Scan# 498
Delta R.T. 0.02 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :** MSVOA_W
**ClientSampleId :** EP1-SUT-4USTS-SB

Tgt Ion: 84 Resp: 2198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 78.9 | 90.3 | 135.5# |
| 51 | 24.2 | 26.9 | 40.3# |
| 86 | 37.9 | 50.8 | 76.2# |

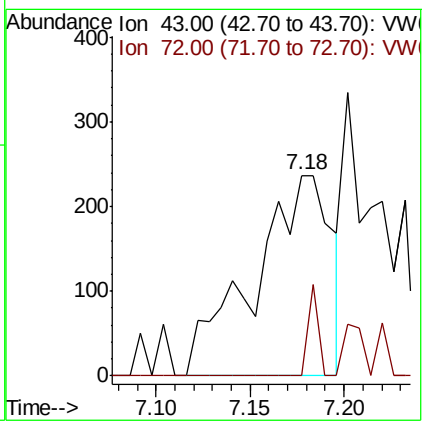


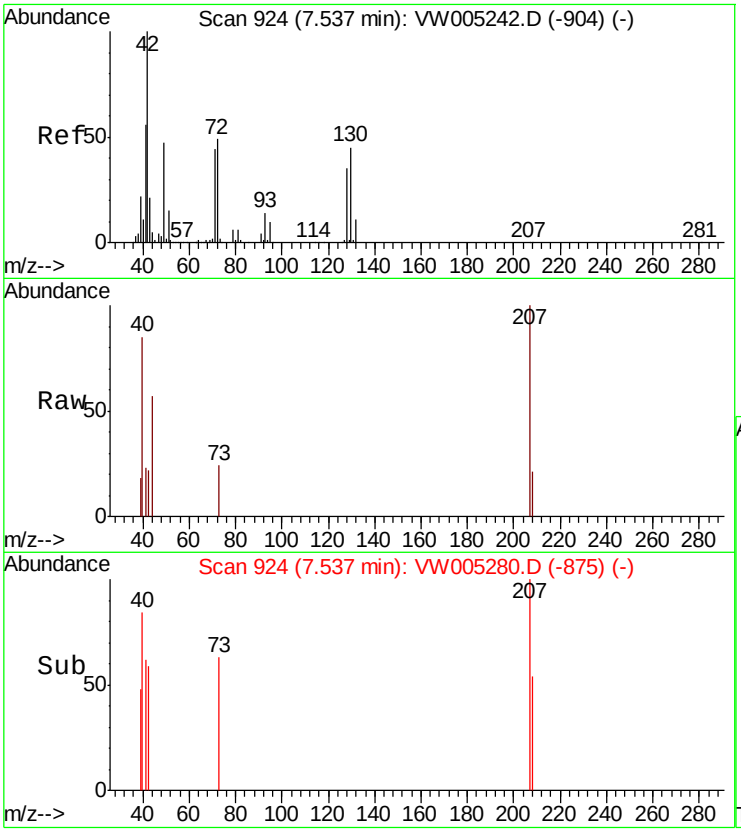




#25
2-Butanone
Concen: 13.029 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion: 43 Resp: 672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 25.0 | 37.6# |



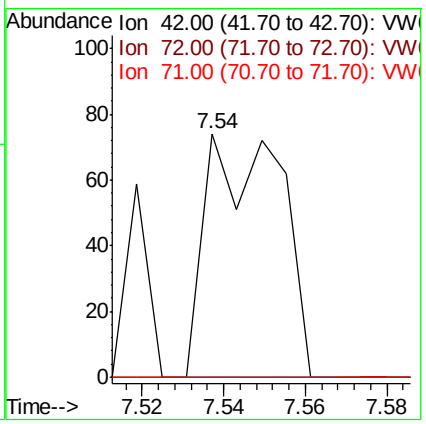


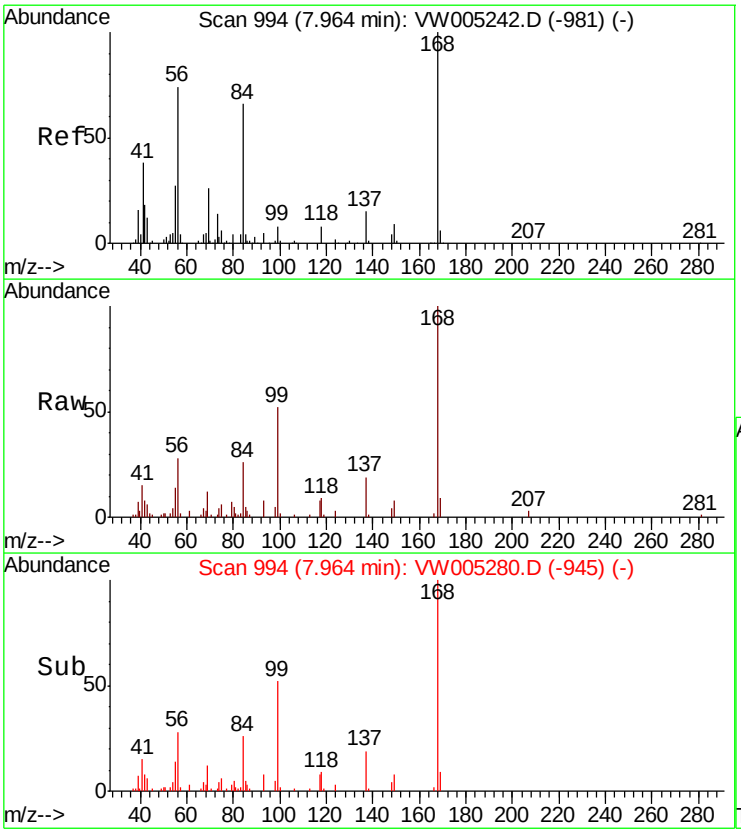

#29
Tetrahydrofuran
Concen: 2.733 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :**
MSVOA_W
**ClientSampleId :**
EP1-SUT-4USTS-SB

Tgt Ion: 42 Resp: 95

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 0.0 | 37.5 | 56.3# |
| 71 | 0.0 | 34.8 | 52.2# |

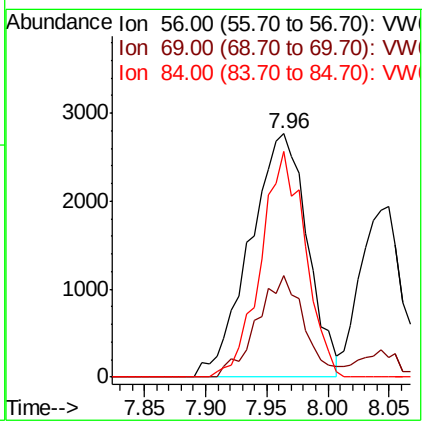


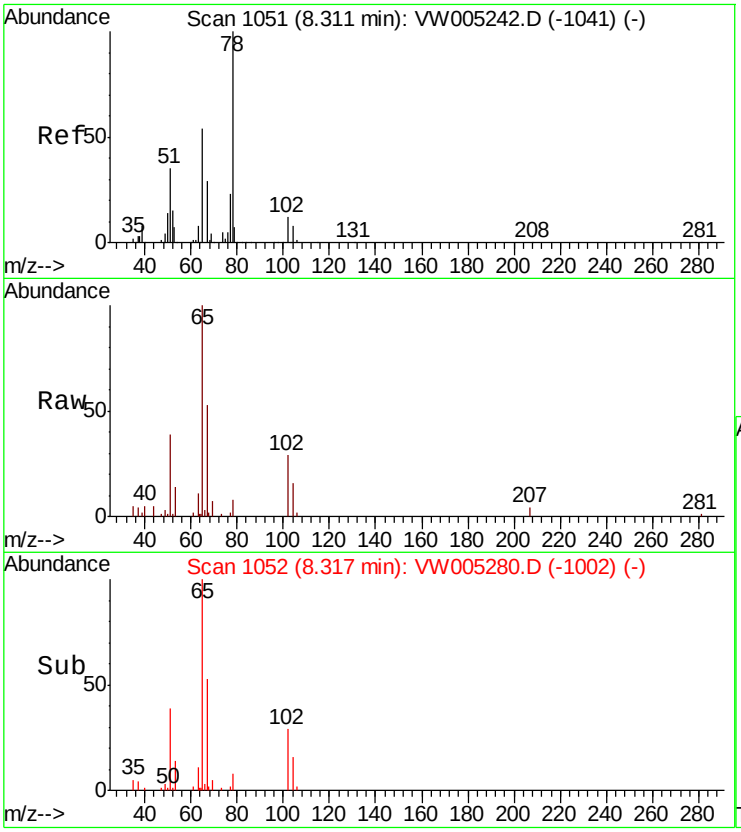




#31
Cyclohexane
Concen: 23.978 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.00 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion: 56 Resp: 9039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 41.7 | 27.8 | 41.8 |
| 84 | 92.6 | 72.1 | 108.1 |



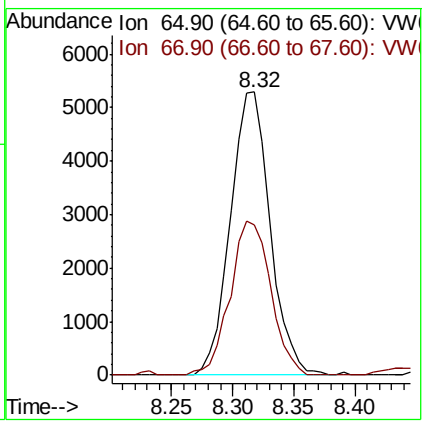


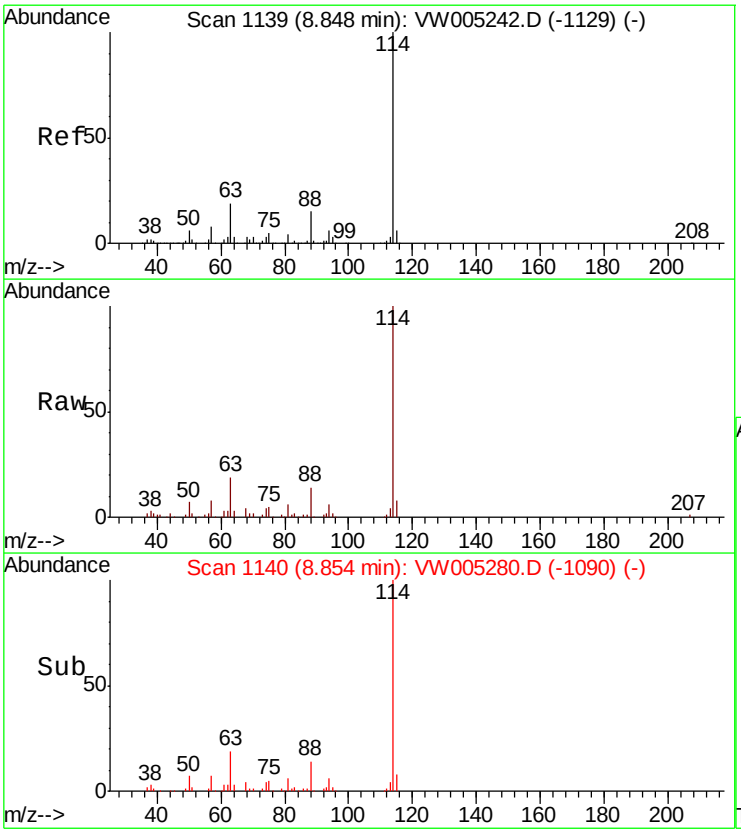

#33
1,2-Dichloroethane-d4
Concen: 67.522 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :**
MSVOA_W
**ClientSampleId :**
EP1-SUT-4USTS-SB

Tgt Ion: 65 Resp: 11895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 55.8 | 0.0 | 112.2 |

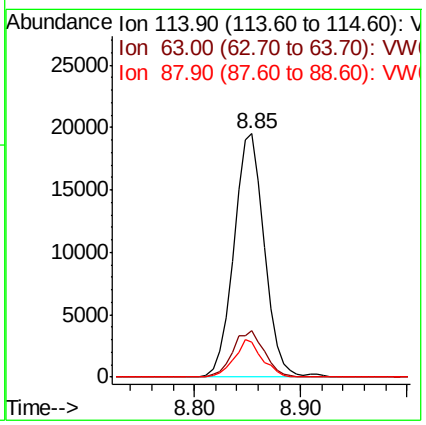


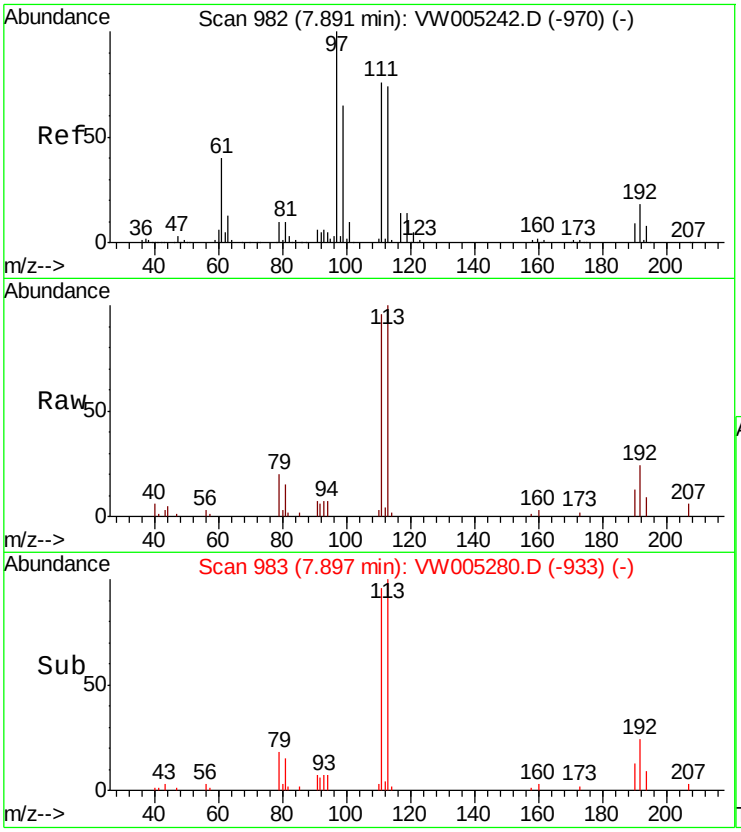




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion:114 Resp: 39217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.3 | 0.0 | 37.0 |
| 88 | 14.1 | 0.0 | 30.4 |



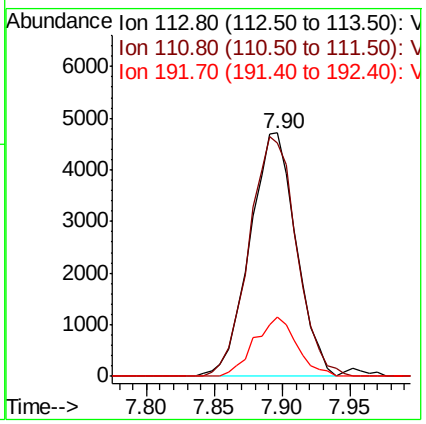


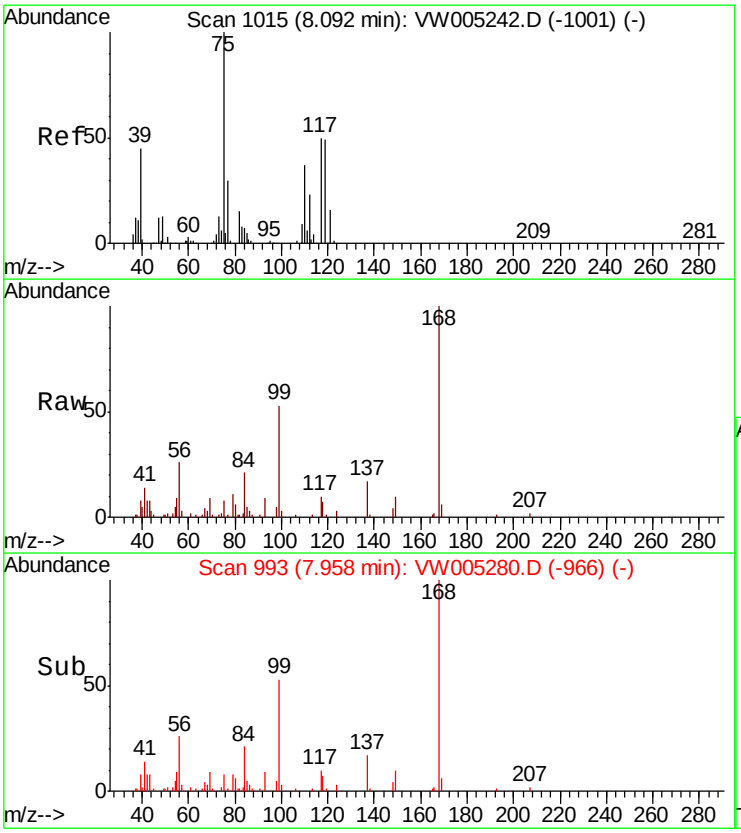

#35
Dibromofluoromethane
Concen: 54.840 ug/l
RT: 7.90 min Scan# 983
Delta R.T. 0.01 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :**
MSVOA_W
**ClientSampleId :**
EP1-SUT-4USTS-SB

Tgt Ion:113 Resp: 11266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 100.8 | 80.6 | 121.0 |
| 192 | 22.2 | 18.3 | 27.5 |

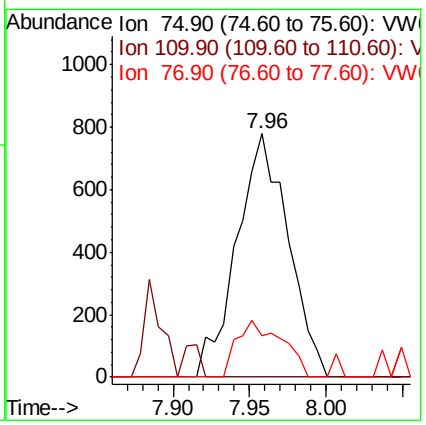


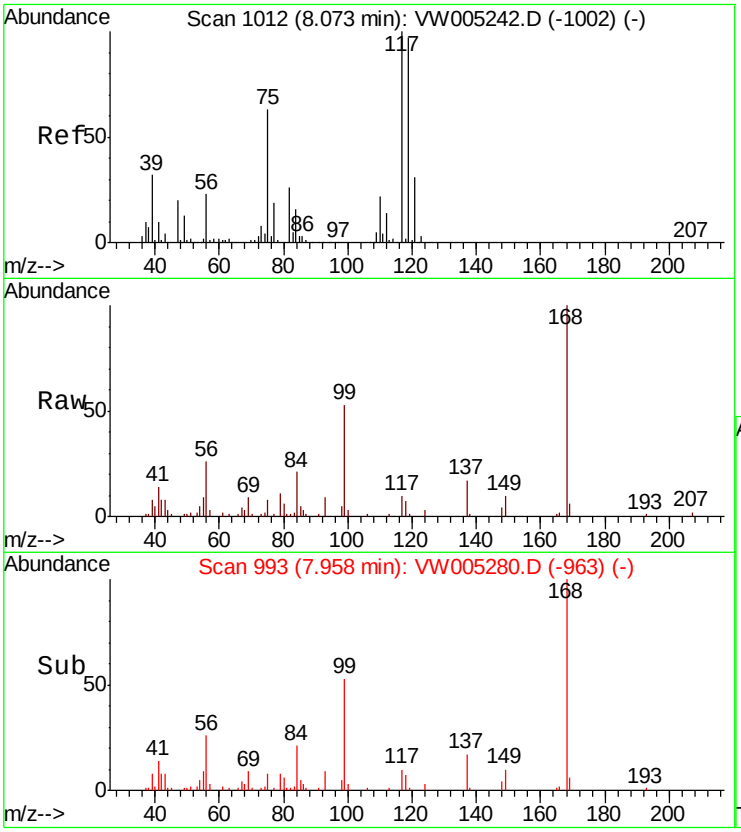




#36
1,1-Dichloropropene
Concen: 5.066 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.13 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion: 75 Resp: 1820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 0.0 | 18.8 | 56.4# |
| 77 | 20.3 | 24.9 | 37.3# |



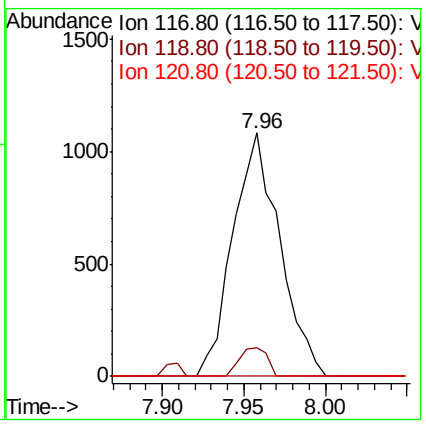


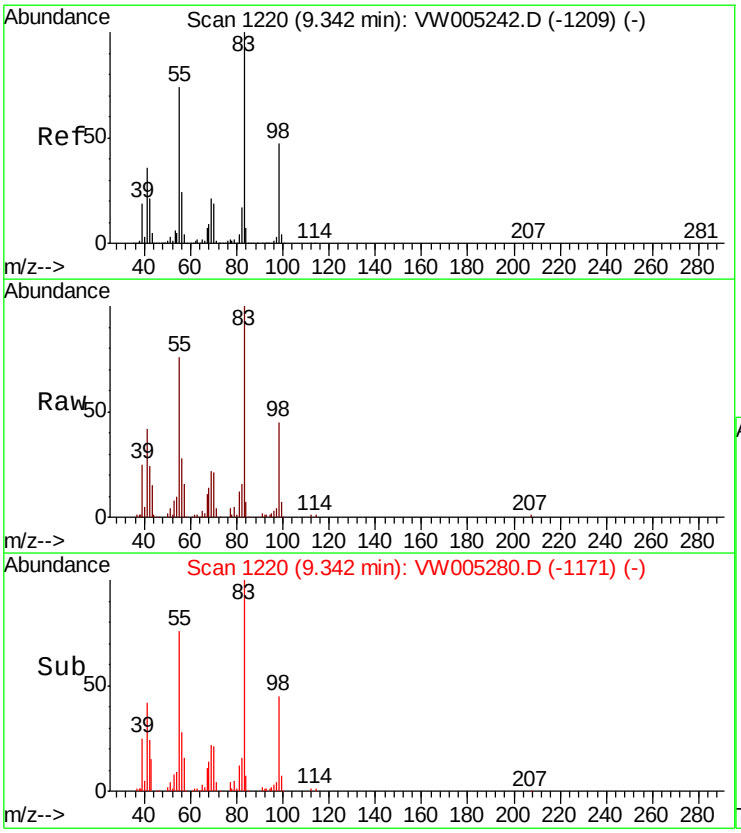

#38
Carbon Tetrachloride
Concen: 6.418 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.12 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :**
MSVOA_W
**ClientSampleId :**
EP1-SUT-4USTS-SB

Tgt Ion:117 Resp: 2160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 11.8 | 77.5 | 116.3# |
| 121 | 0.0 | 24.7 | 37.1# |

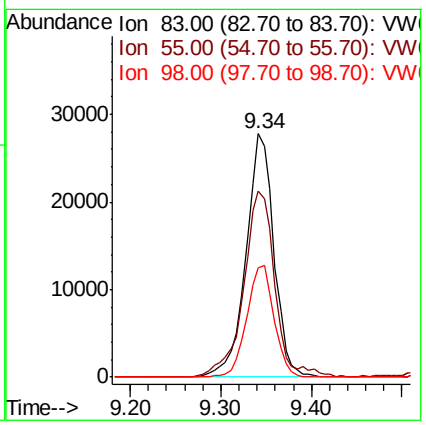


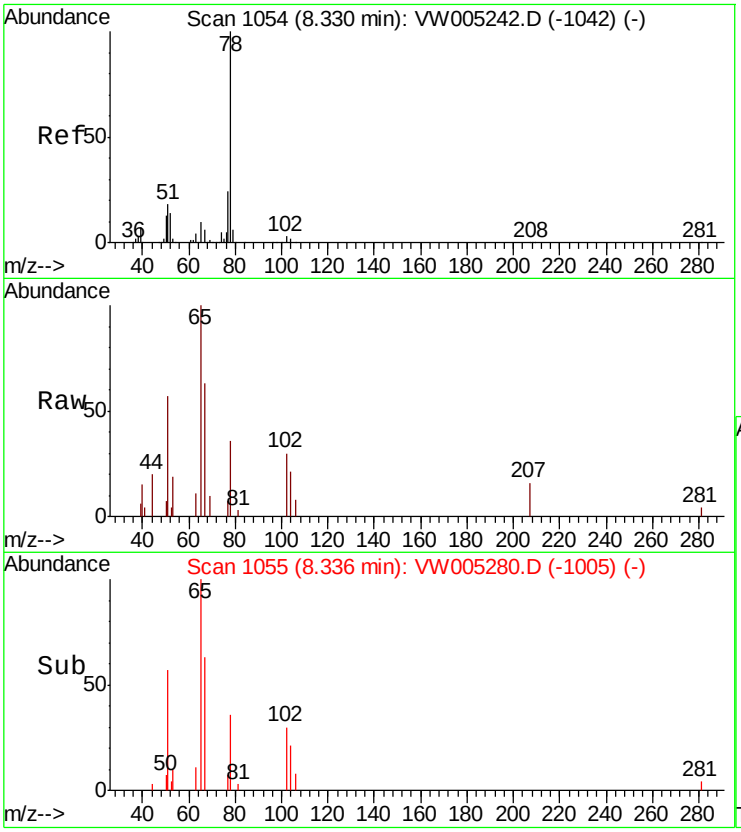




#39
Methylcyclohexane
Concen: 123.923 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion: 83 Resp: 59116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 76.5 | 58.9 | 88.3 |
| 98 | 45.1 | 37.6 | 56.4 |



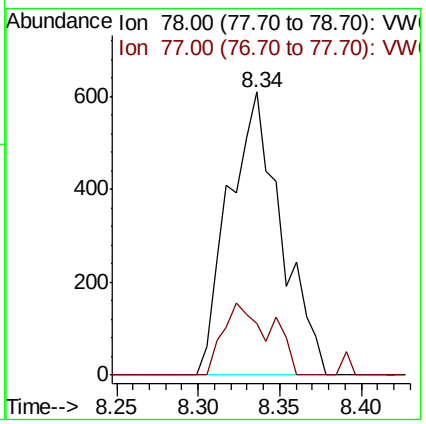


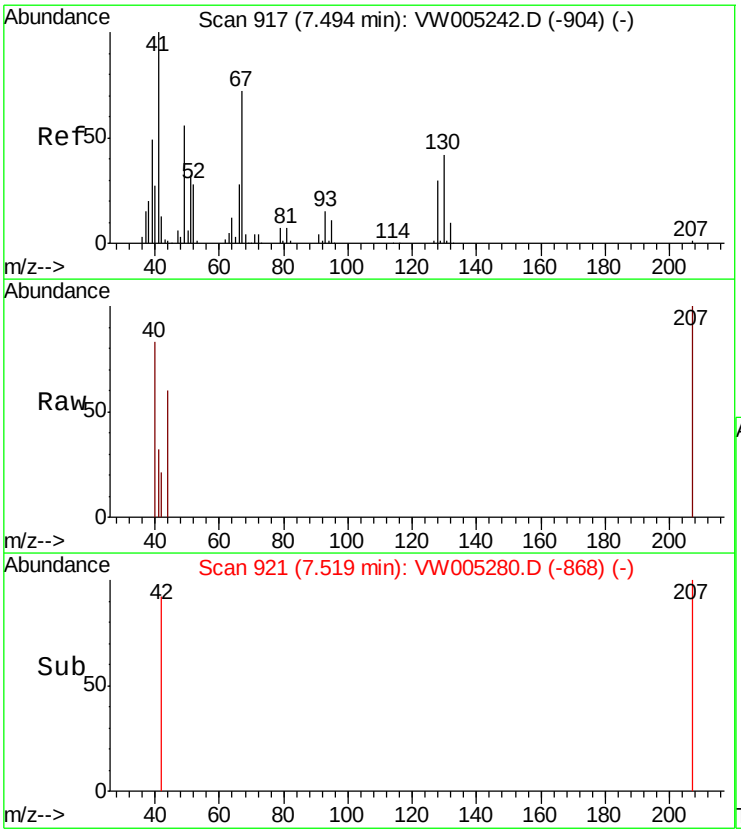

#40
Benzene
Concen: 1.291 ug/l
RT: 8.34 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :**
MSVOA_W
**ClientSampleId :**
EP1-SUT-4USTS-SB

Tgt Ion: 78 Resp: 1367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 18.4 | 18.9 | 28.3# |

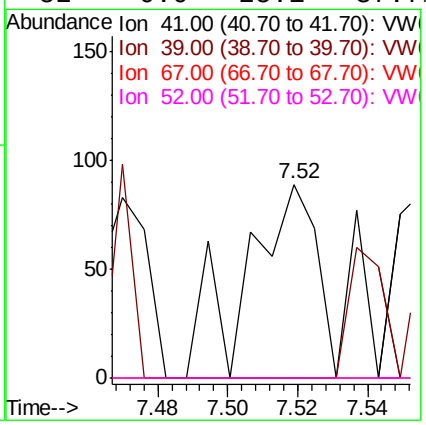


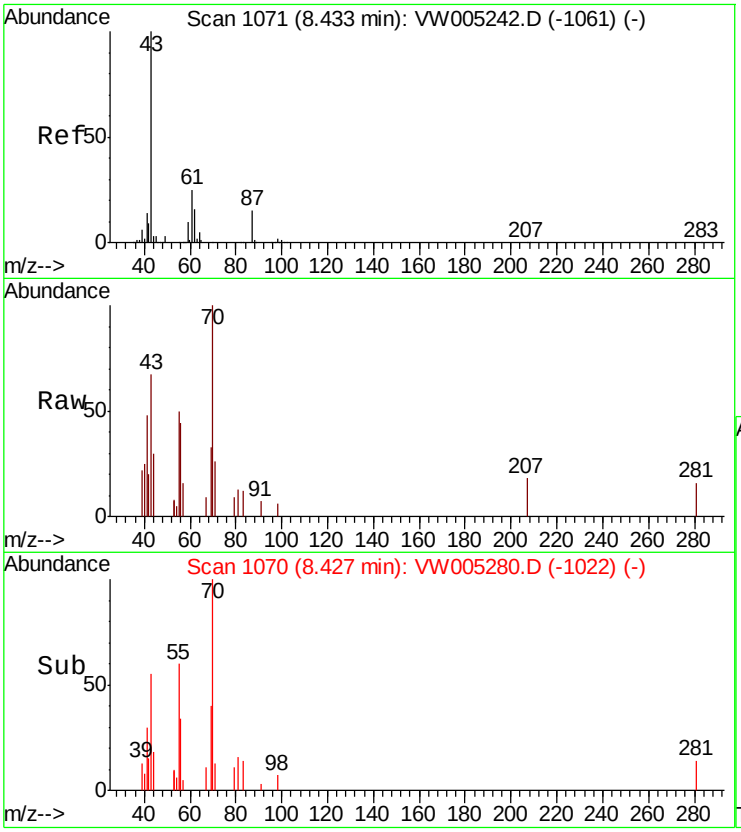




#41
Methacrylonitrile
Concen: 1.797 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.02 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion: 41 Resp: 126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 32.5 | 39.9 | 59.9# |
| 67 | 0.0 | 65.7 | 98.5# |
| 52 | 0.0 | 25.1 | 37.7# |



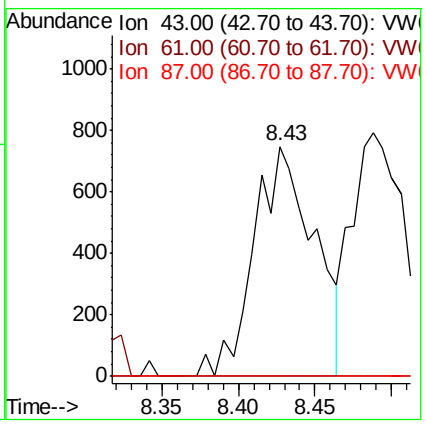


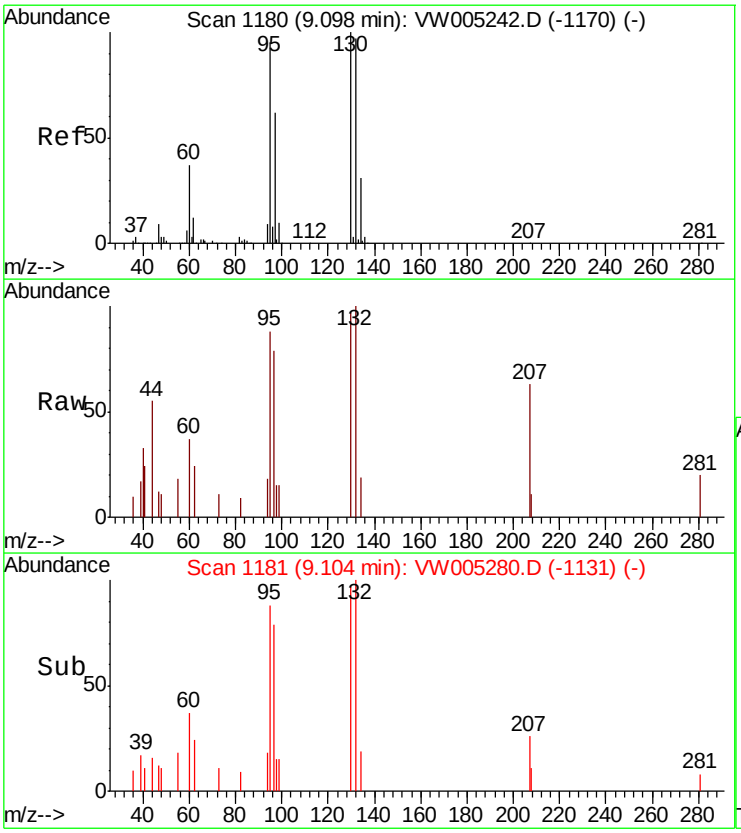

#43
Isopropyl Acetate
Concen: 8.046 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :** MSVOA_W
**ClientSampleId :** EP1-SUT-4USTS-SB

Tgt Ion: 43 Resp: 2042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 25.4 | 38.0# |
| 87 | 0.0 | 11.9 | 17.9# |

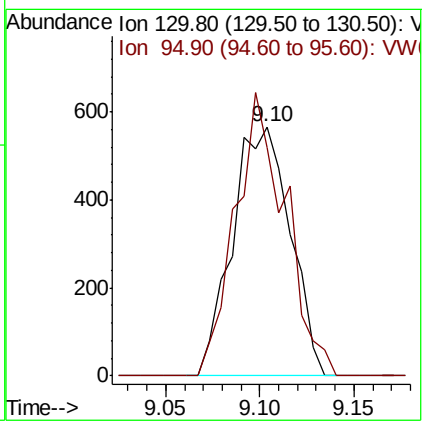


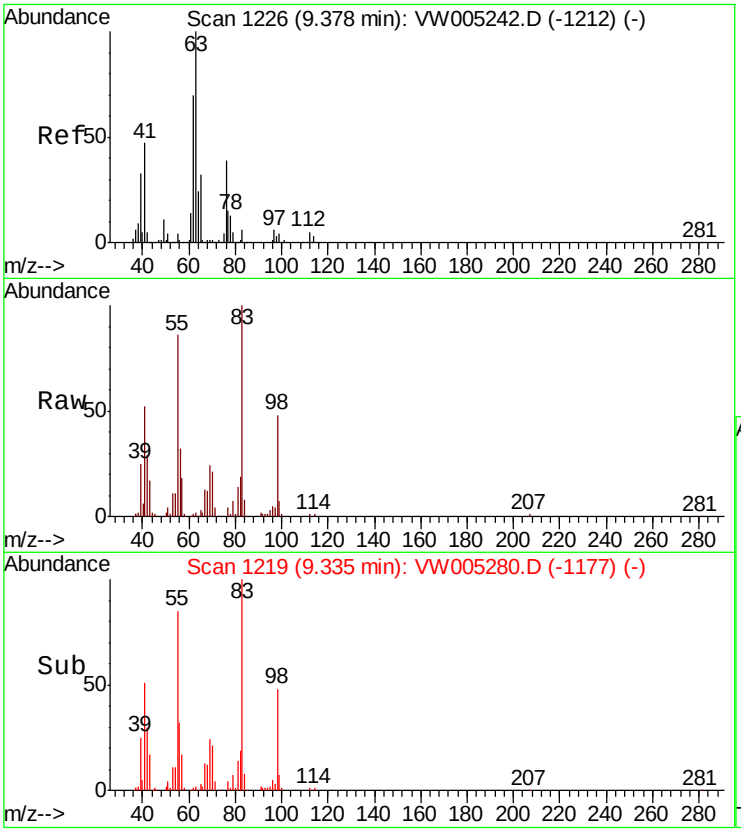




#44
Trichloroethene
Concen: 4.146 ug/l
RT: 9.10 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion:130 Resp: 1204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 91.4 | 0.0 | 189.6 |



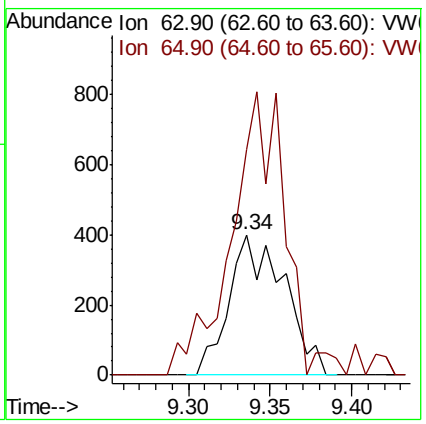


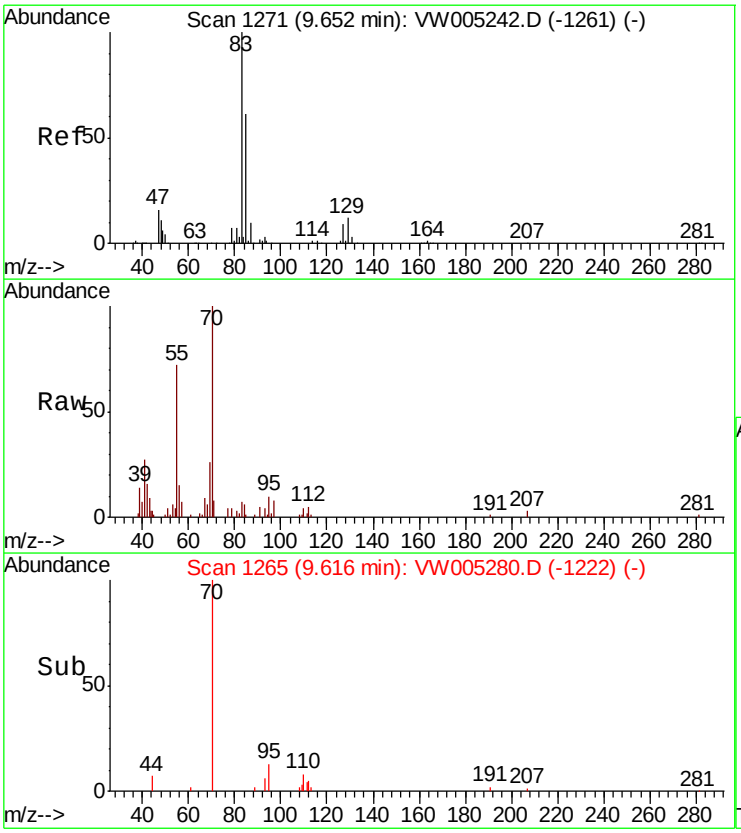

#45
1,2-Dichloropropane
Concen: 3.675 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.04 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :** MSVOA_W
**ClientSampleId :** EP1-SUT-4USTS-SB

Tgt Ion: 63 Resp: 935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 148.6 | 25.4 | 38.2# |

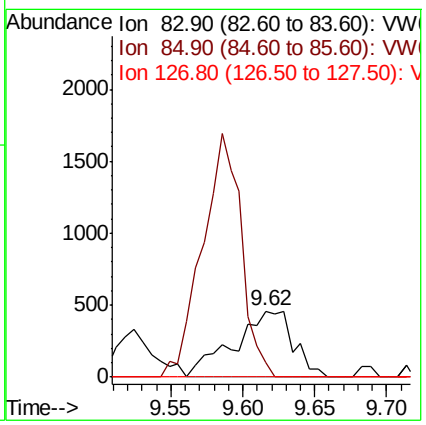


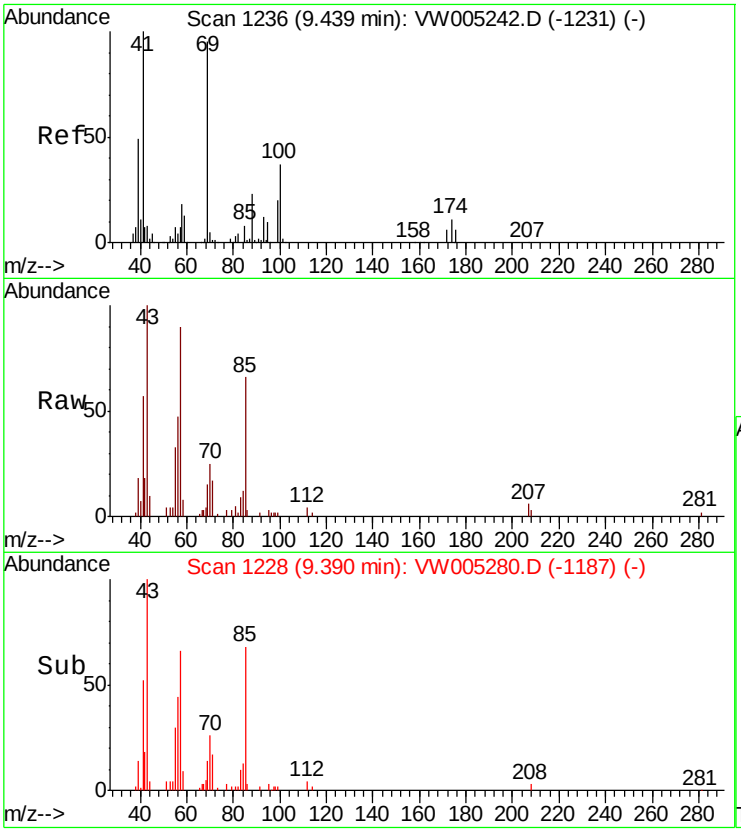




#47
Bromodichloromethane
Concen: 4.310 ug/l
RT: 9.62 min Scan# 1265
Delta R.T. -0.04 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion: 83 Resp: 1313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 21.8 | 49.0 | 73.6# |
| 127 | 0.0 | 7.0 | 10.4# |



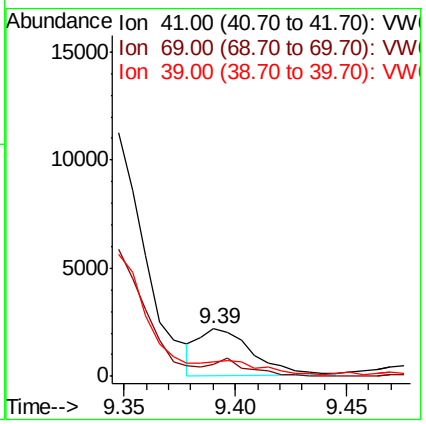


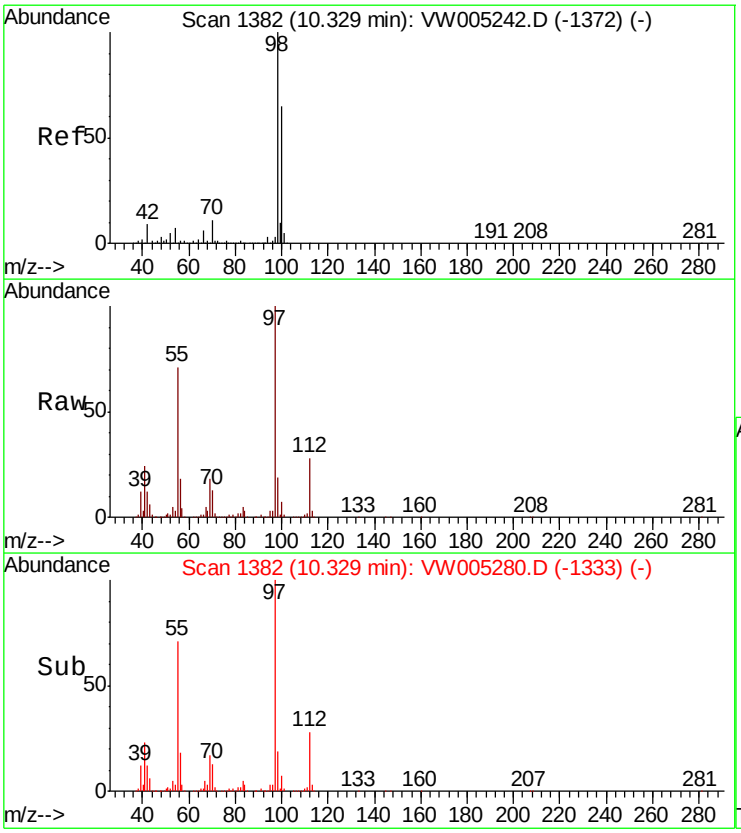

#48
Methyl methacrylate
Concen: 27.517 ug/l
RT: 9.39 min Scan# 1228
Delta R.T. -0.05 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :**
MSVOA_W
**ClientSampleId :**
EP1-SUT-4USTS-SB

Tgt Ion: 41 Resp: 3626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 25.1 | 74.6 | 112.0# |
| 39 | 0.0 | 36.7 | 55.1# |

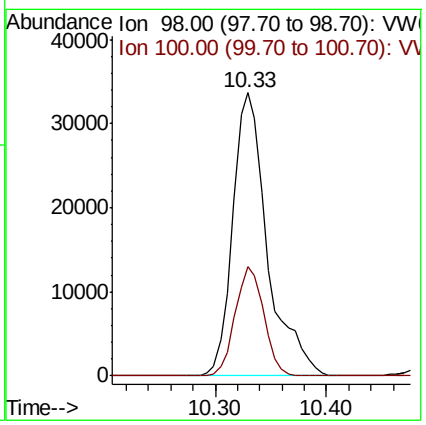


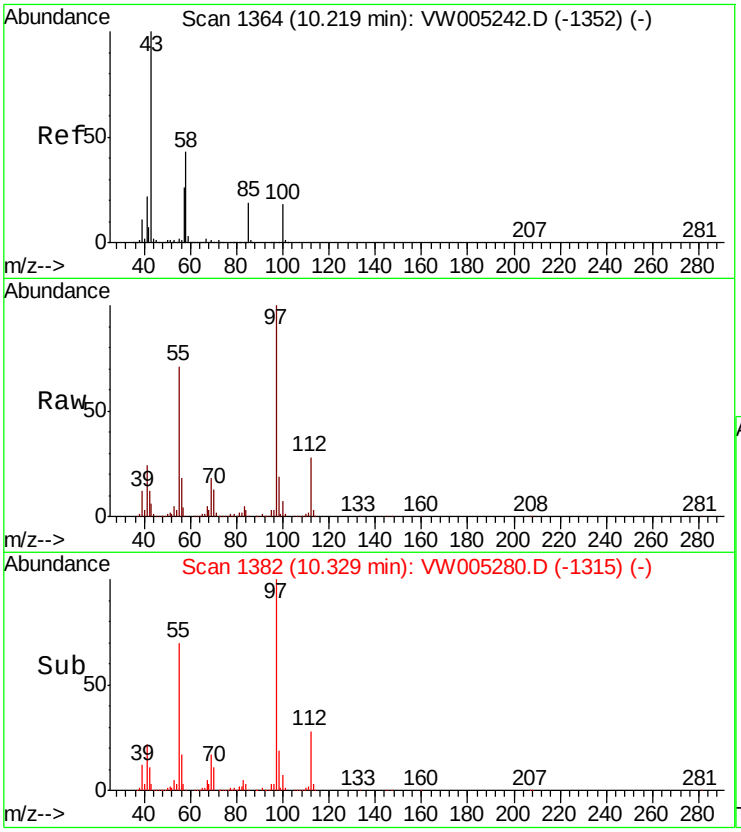




#50
Toluene-d8
Concen: 69.799 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion: 98 Resp: 72457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 32.0 | 52.0 | 78.0# |



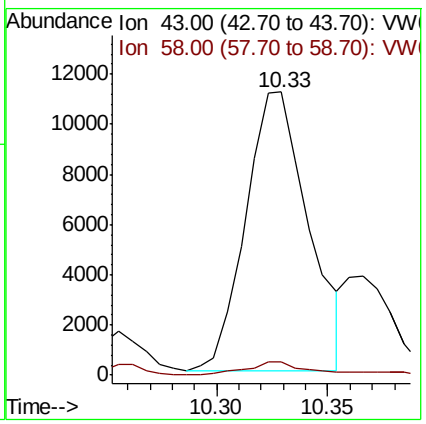


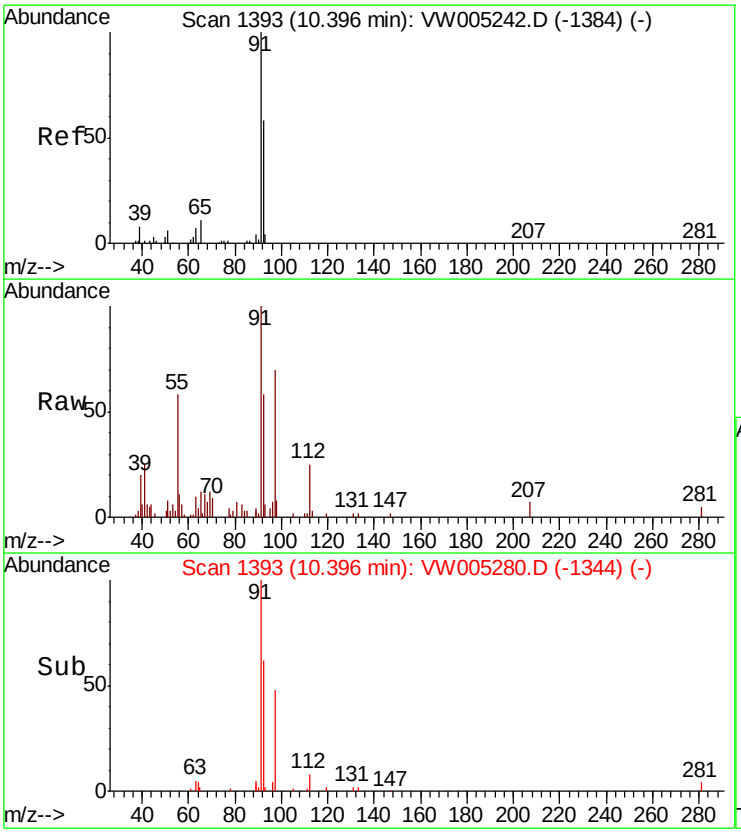

#51
4-Methyl-2-Pentanone
Concen: 152.849 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.11 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :**
MSVOA_W
**ClientSampleId :**
EP1-SUT-4USTS-SB

Tgt Ion: 43 Resp: 21829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 4.6 | 33.8 | 50.6# |

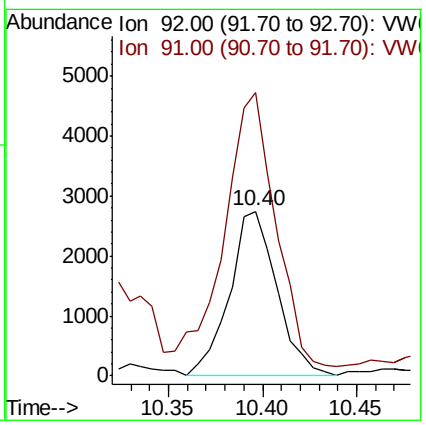


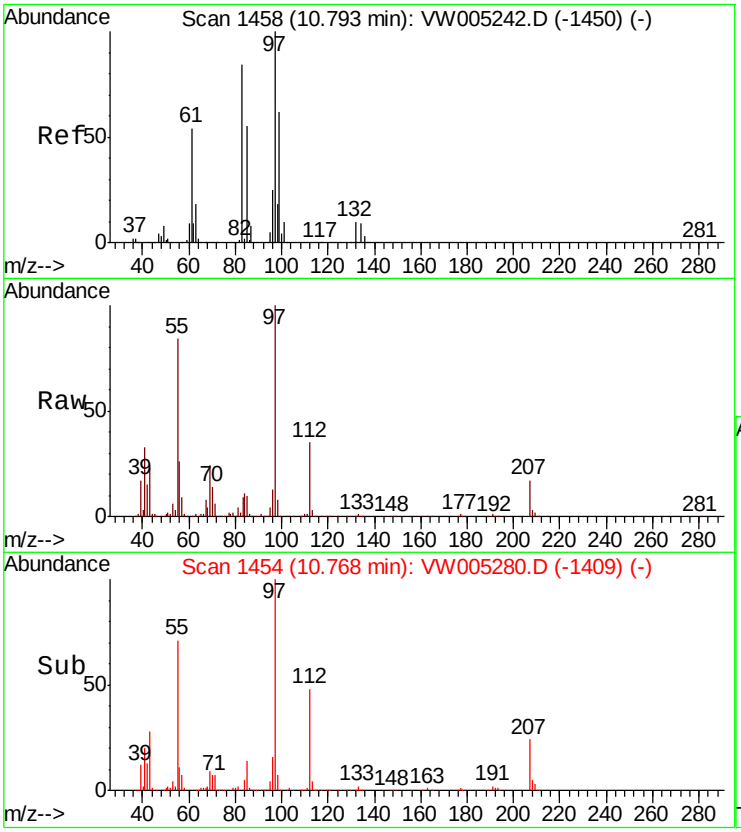




#52
Toluene
Concen: 6.231 ug/l
RT: 10.40 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion: 92 Resp: 4794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 176.0 | 137.4 | 206.0 |



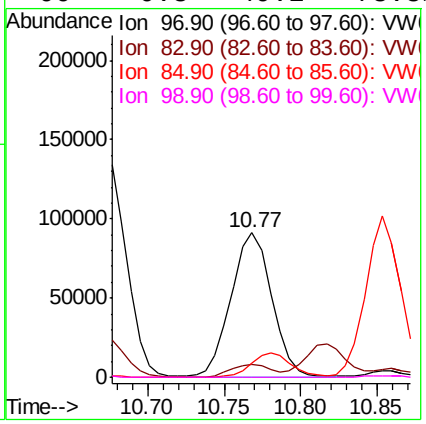


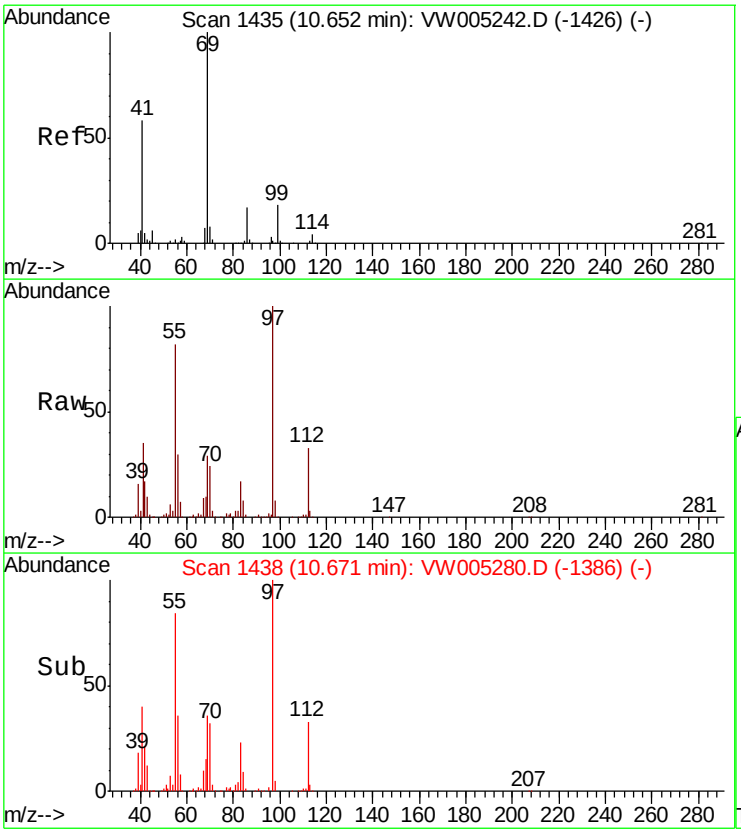

#55
1,1,2-Trichloroethane
Concen: 845.319 ug/l
RT: 10.77 min Scan# 1454
Delta R.T. -0.02 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :** MSVOA_W
**ClientSampleId :** EP1-SUT-4USTS-SB

Tgt Ion: 97 Resp: 167857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 8.4 | 67.2 | 100.8# |
| 85 | 10.1 | 44.4 | 66.6# |
| 99 | 0.3 | 49.2 | 73.8# |

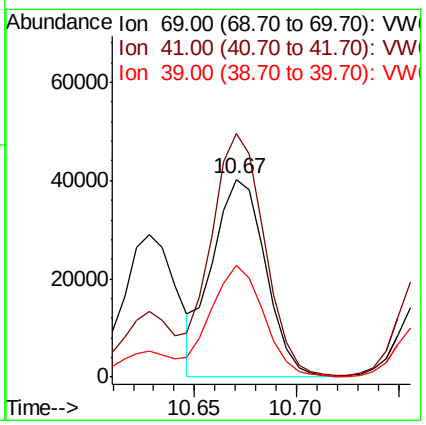


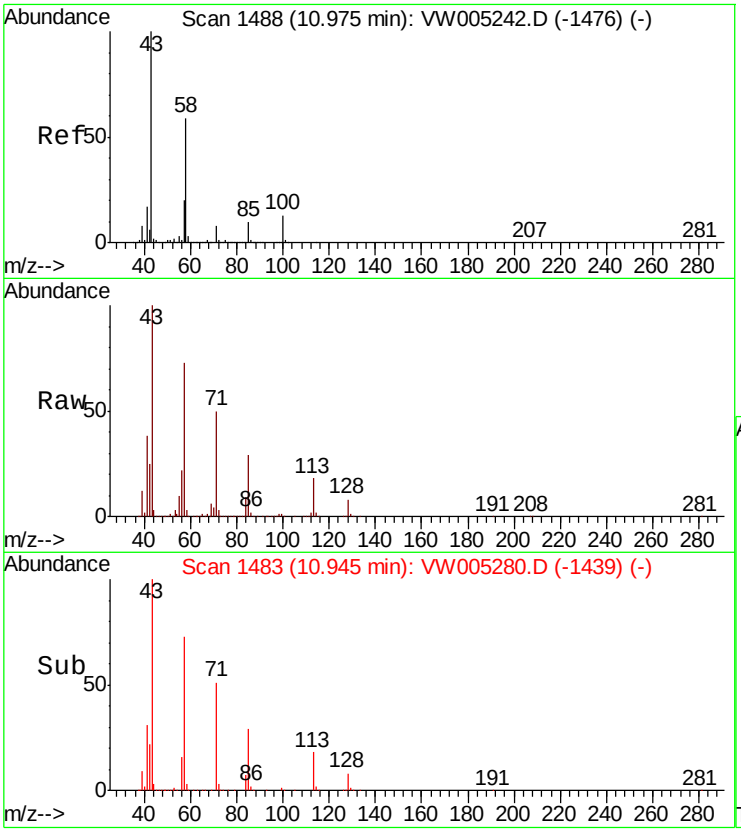




#56
Ethyl methacrylate
Concen: 288.258 ug/l
RT: 10.67 min Scan# 1438
Delta R.T. 0.02 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion: 69 Resp: 72567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 124.3 | 48.7 | 73.1# |
| 39 | 56.8 | 20.9 | 31.3# |



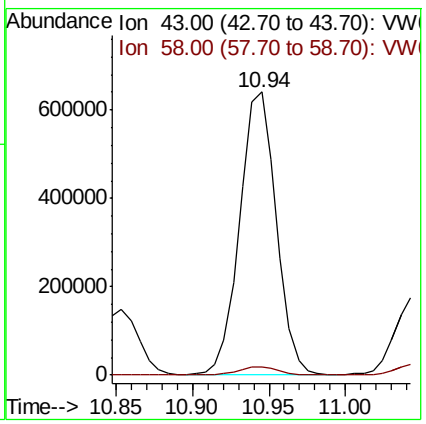


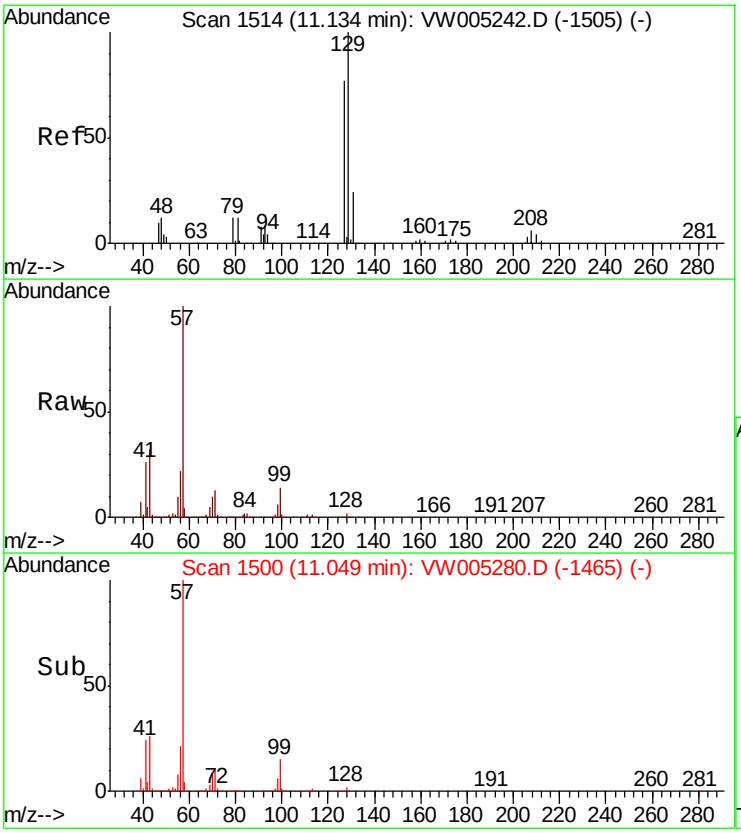

#59
2-Hexanone
Concen: 10268.114 ug/l
RT: 10.94 min Scan# 1483
Delta R.T. -0.03 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :** MSVOA_W
**ClientSampleId :** EP1-SUT-4USTS-SB

Tgt Ion: 43 Resp: 1057185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 3.2 | 29.3 | 87.9# |

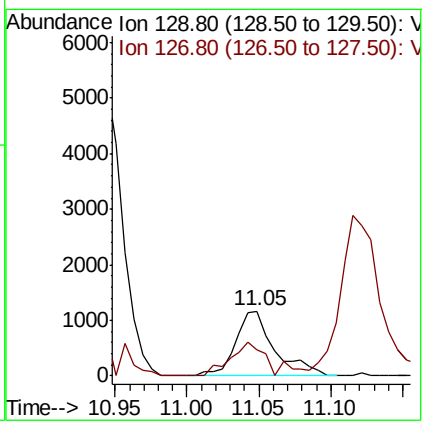


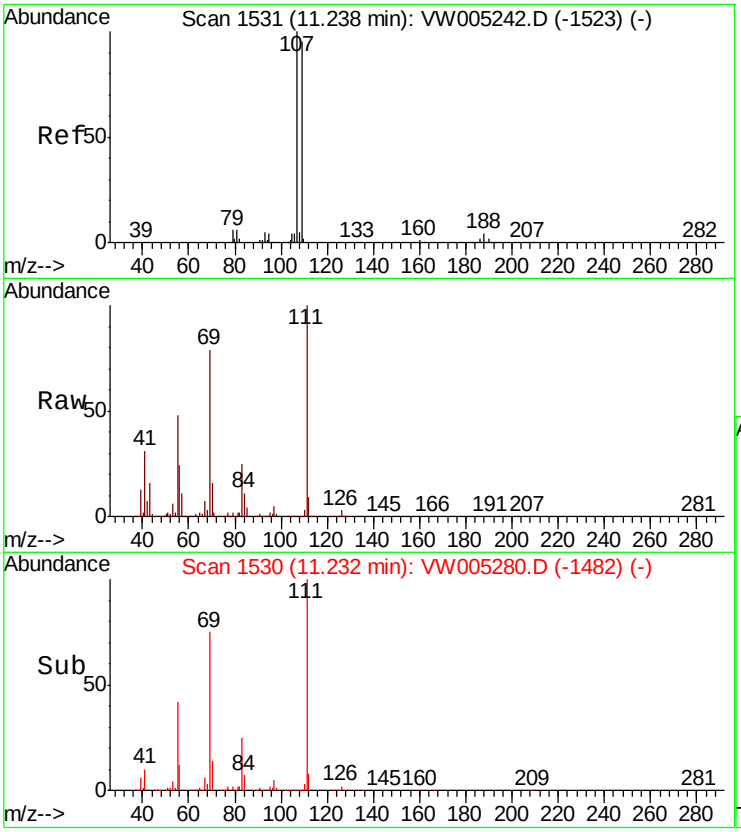




#60
Dibromochloromethane
Concen: 9.930 ug/l
RT: 11.05 min Scan# 1500
Delta R.T. -0.09 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion:129 Resp: 2188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 53.2 | 39.0 | 117.0 |



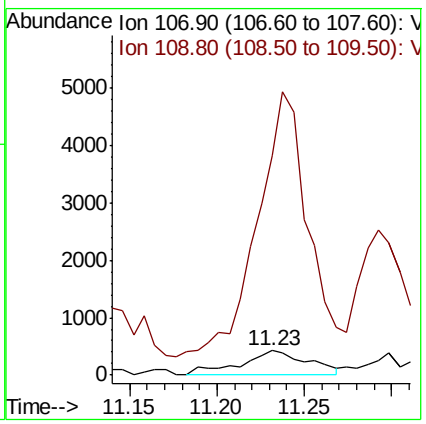


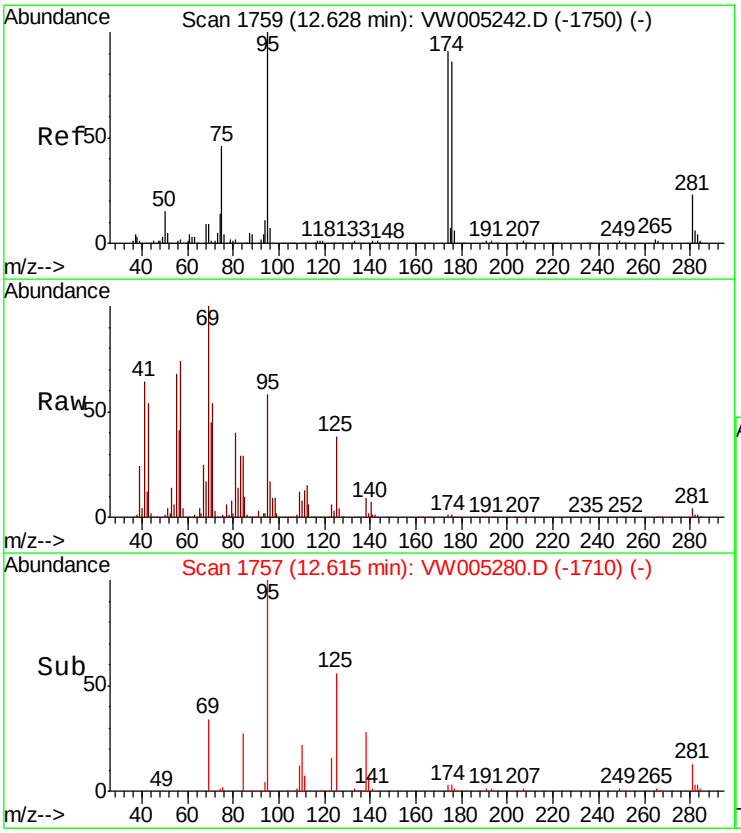

#61
1,2-Dibromoethane
Concen: 6.354 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :**
MSVOA_W
**ClientSampleId :**
EP1-SUT-4USTS-SB

Tgt Ion:107 Resp: 1157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 937.2 | 75.7 | 113.5# |

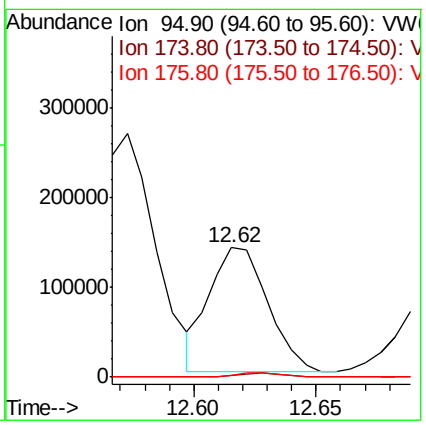


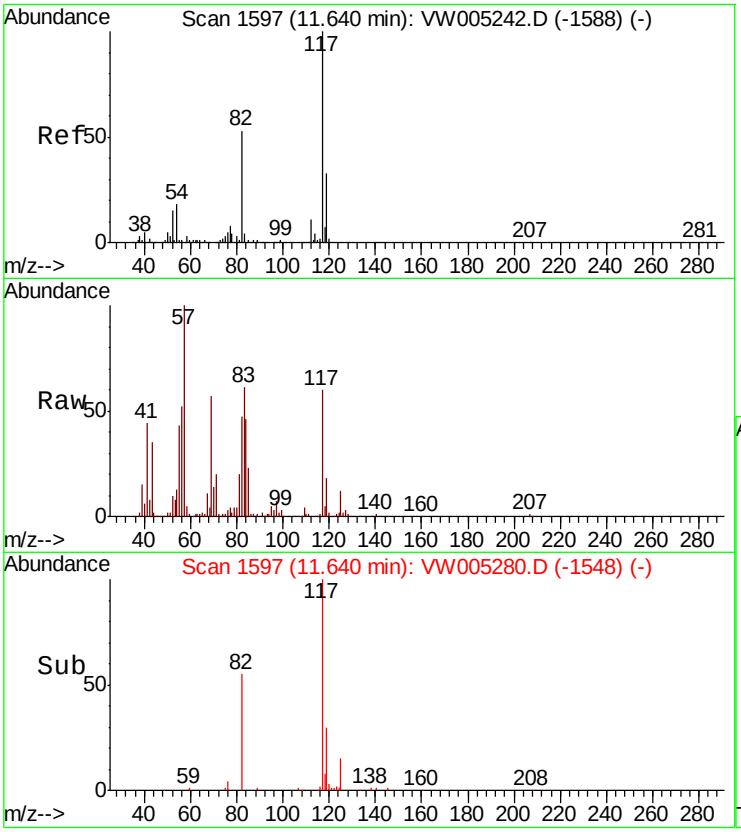




#62
4-Bromofluorobenzene
Concen: 607.165 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion: 95 Resp: 230542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 3.1 | 0.0 | 174.6 |
| 176 | 3.2 | 0.0 | 167.6 |



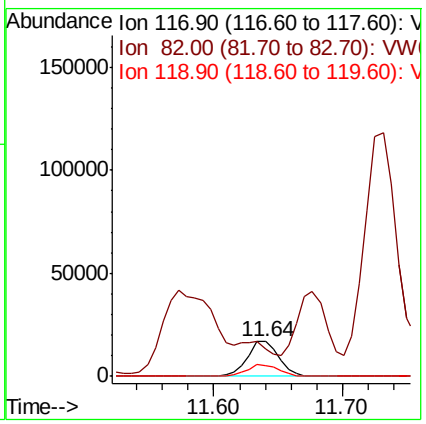


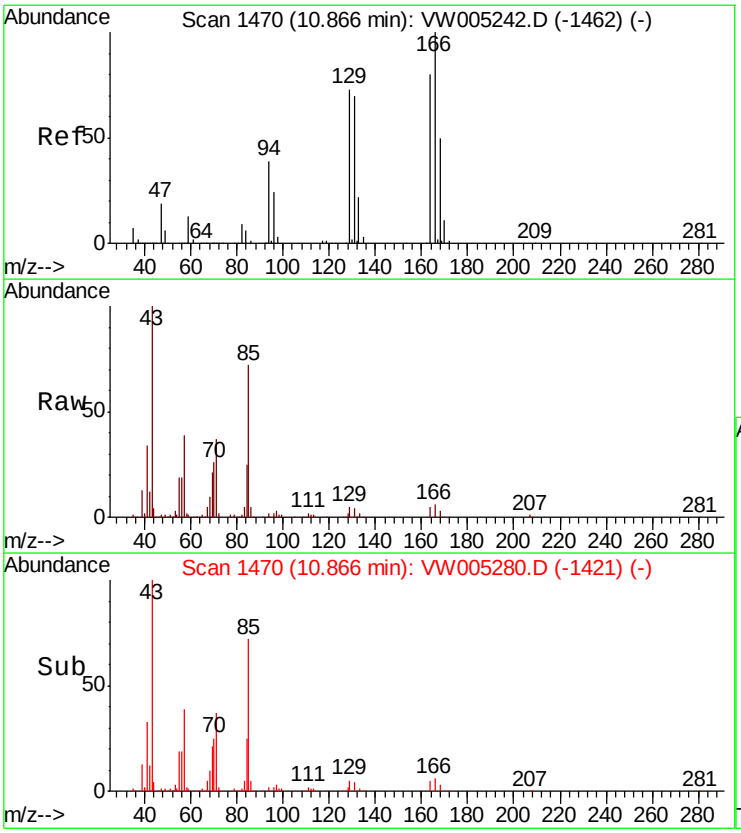

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :**
MSVOA_W
**ClientSampleId :**
EP1-SUT-4USTS-SB

Tgt Ion:117 Resp: 28702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 8.6 | 42.6 | 63.8# |
| 119 | 30.8 | 26.2 | 39.4 |

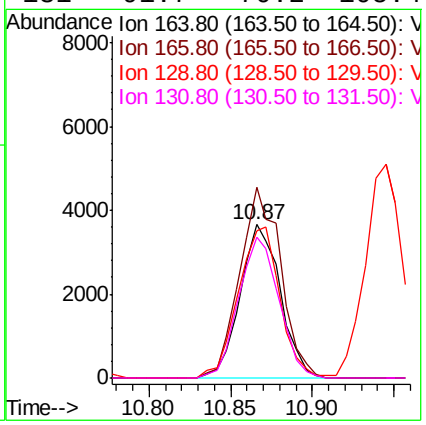


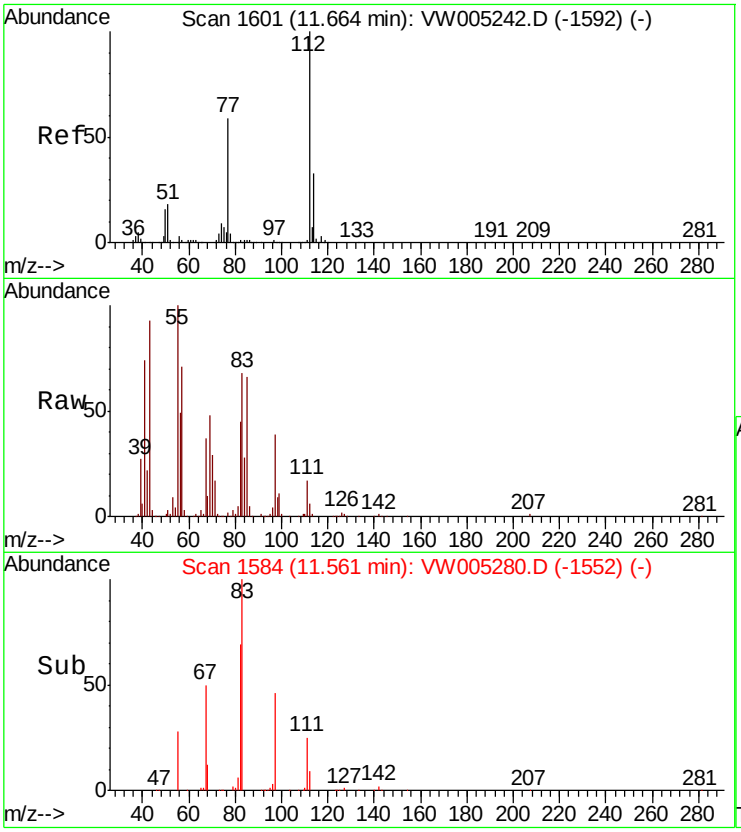




#64
Tetrachloroethene
Concen: 29.350 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion:164 Resp: 6250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 124.9 | 100.2 | 150.2 |
| 129 | 96.0 | 73.2 | 109.8 |
| 131 | 91.7 | 70.2 | 105.4 |



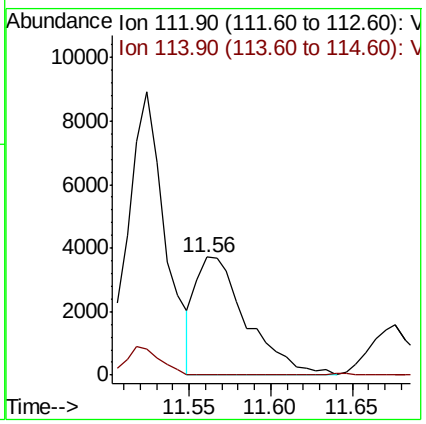


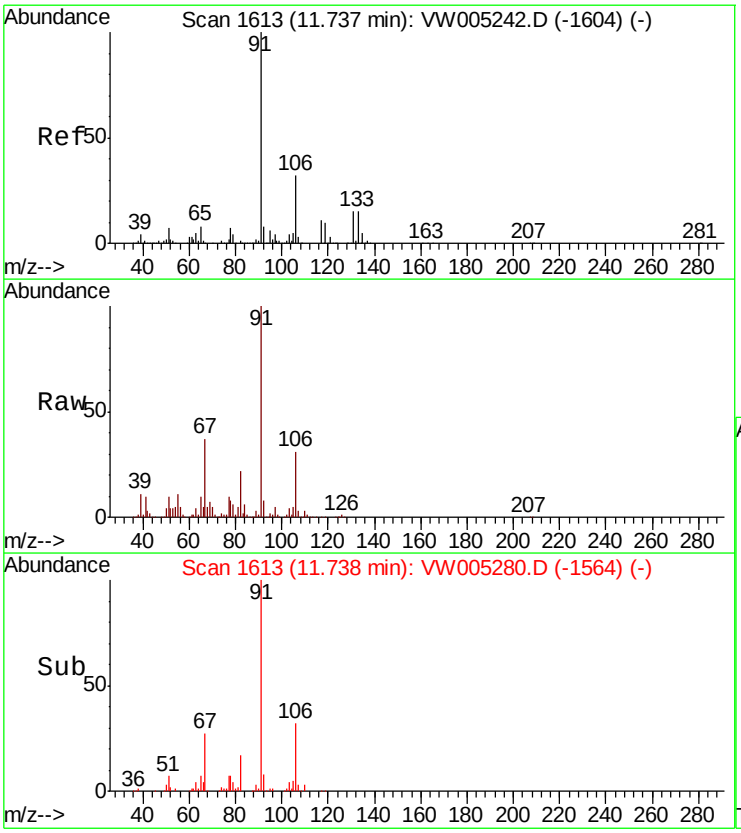

#65
Chlorobenzene
Concen: 12.825 ug/l
RT: 11.56 min Scan# 1584
Delta R.T. -0.10 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :** MSVOA_W
**ClientSampleId :** EP1-SUT-4USTS-SB

Tgt Ion:112 Resp: 8064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 0.0 | 26.2 | 39.4# |

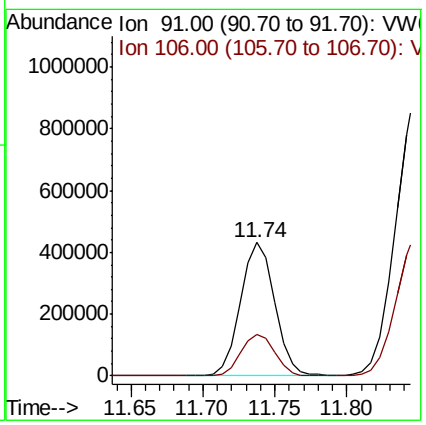


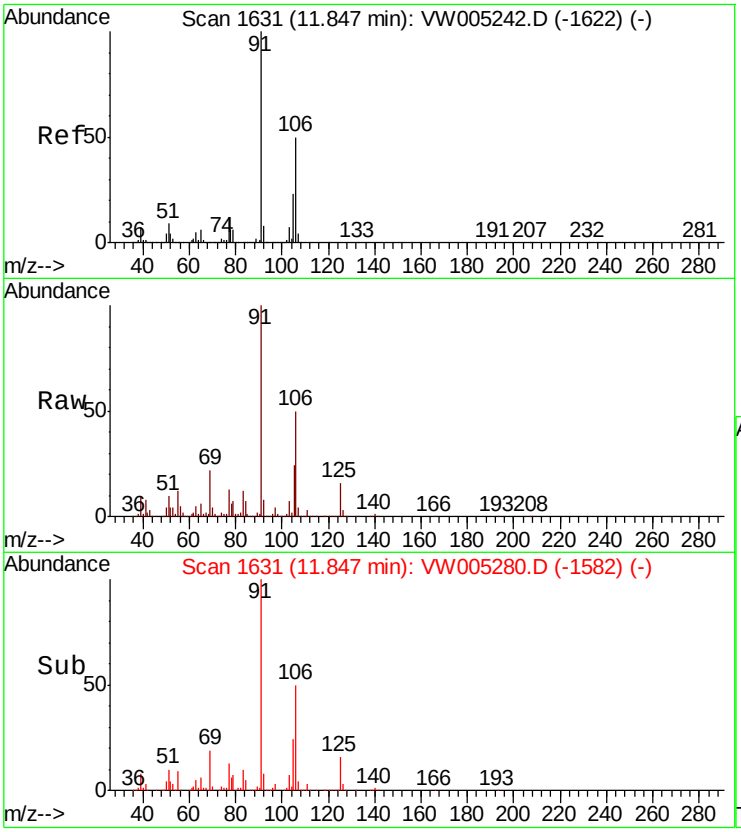




#67
Ethyl Benzene
Concen: 646.406 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion: 91 Resp: 707795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.5 | 25.6 | 38.4 |



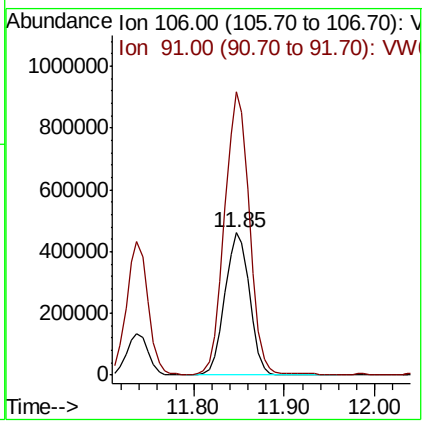


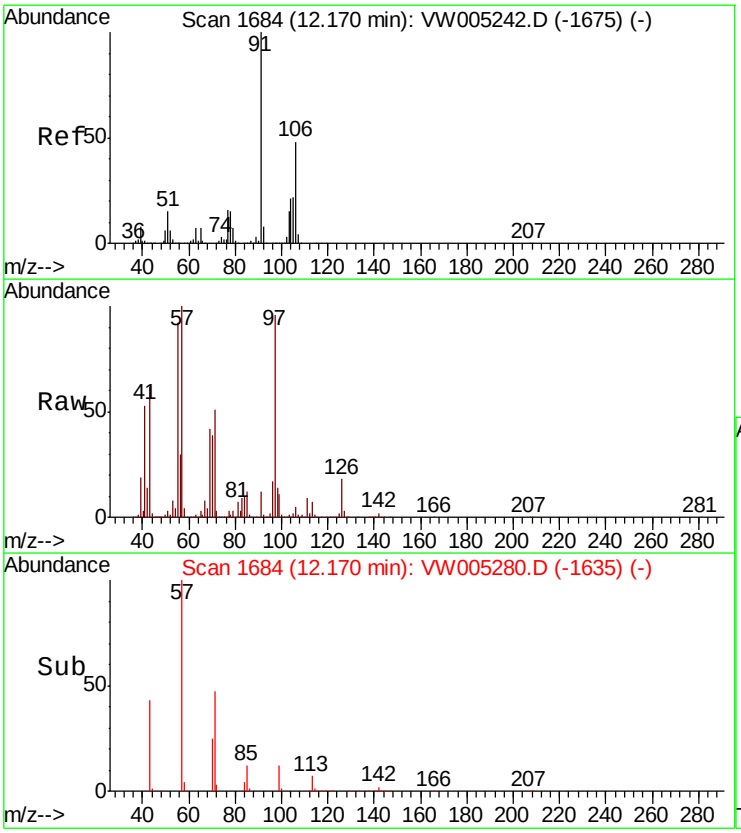

#68
m/p-Xylenes
Concen: 1951.711 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :**
MSVOA_W
**ClientSampleId :**
EP1-SUT-4USTS-SB

Tgt Ion:106 Resp: 861181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 200.7 | 160.2 | 240.2 |

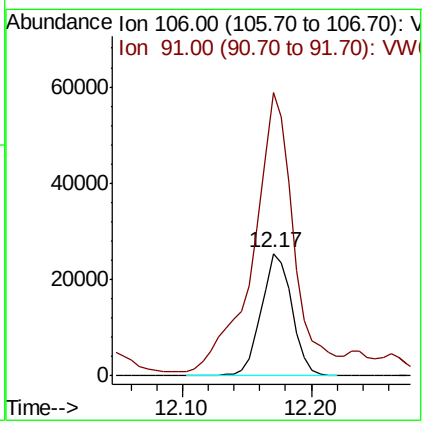


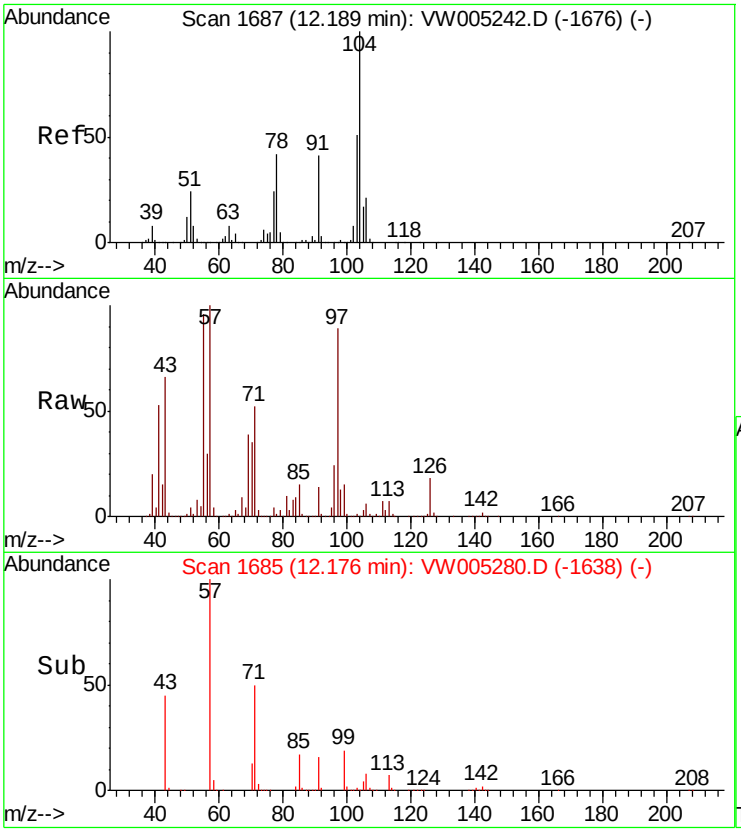




#69
o-Xylene
Concen: 102.450 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion:106 Resp: 42058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 299.6 | 104.1 | 312.3 |



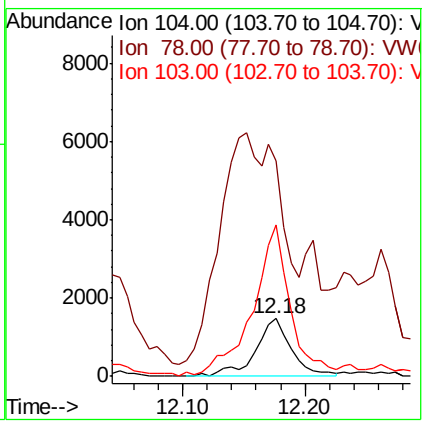


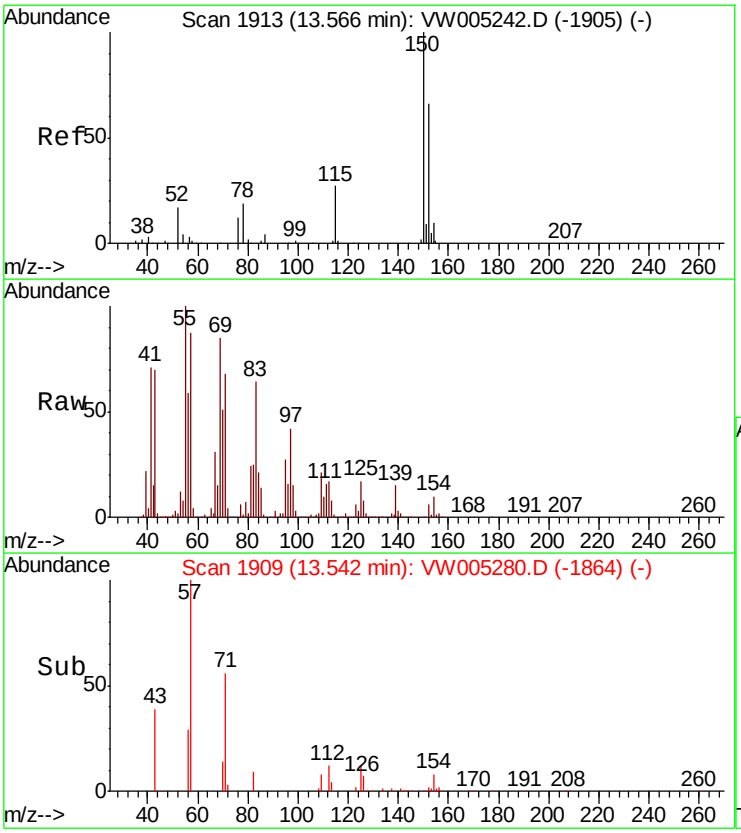

#70
Styrene
Concen: 4.496 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :**
MSVOA_W
**ClientSampleId :**
EP1-SUT-4USTS-SB

Tgt Ion:104 Resp: 3012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 0.0 | 37.4 | 56.2# |
| 103 | 275.6 | 44.1 | 66.1# |

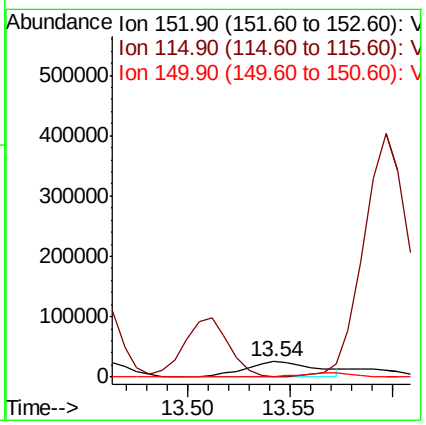


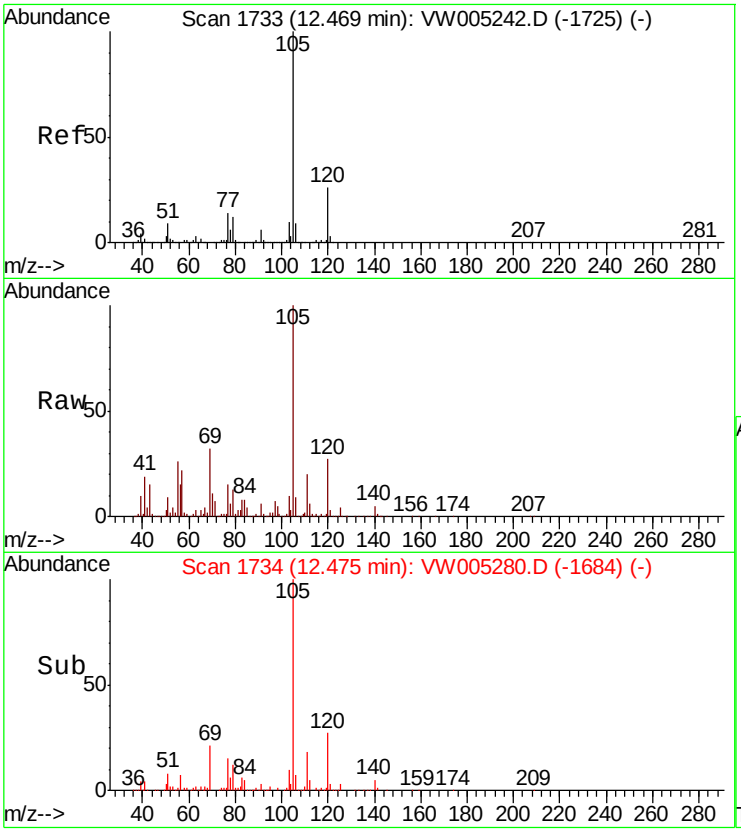




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.54 min Scan# 1909
Delta R.T. -0.02 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion:152 Resp: 58602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 0.0 | 27.5 | 82.4# |
| 150 | 0.0 | 0.0 | 347.4 |



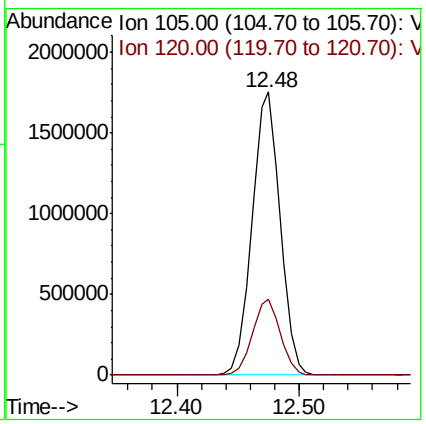


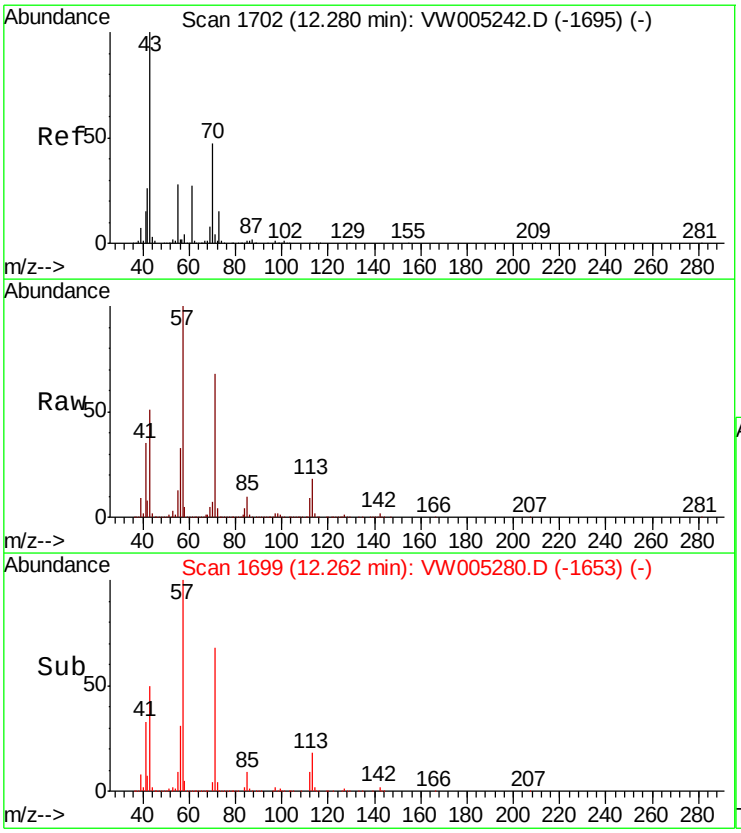

#73
Isopropylbenzene
Concen: 675.747 ug/l
RT: 12.48 min Scan# 1734
Delta R.T. 0.01 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :** MSVOA_W
**ClientSampleId :** EP1-SUT-4USTS-SB

Tgt Ion:105 Resp: 2797935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.8 | 13.4 | 40.1 |

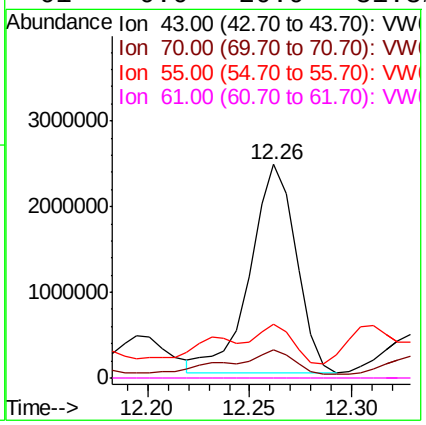


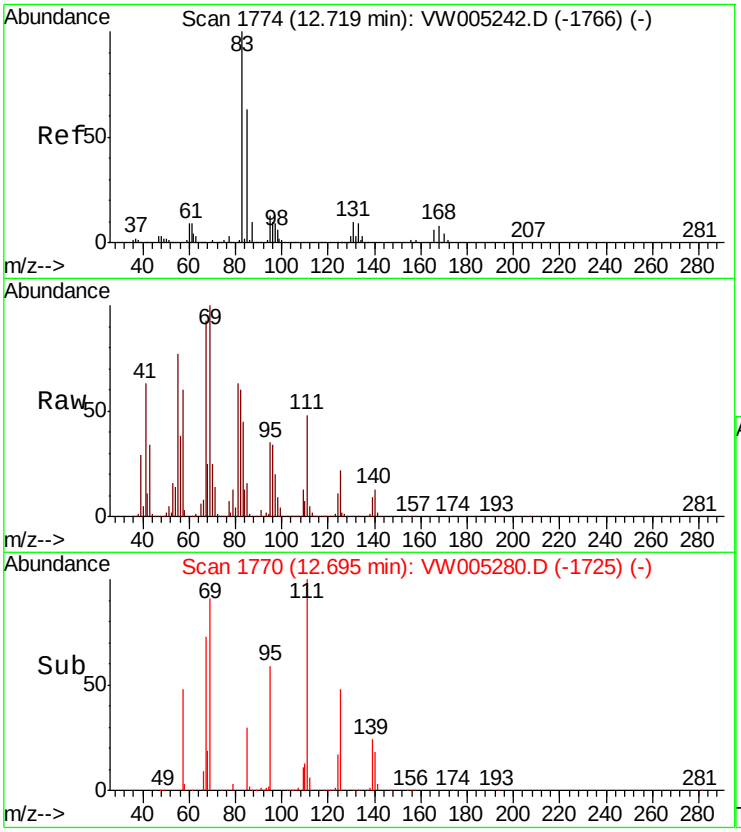




#74
N-amyl acetate
Concen: 4836.263 ug/l
RT: 12.26 min Scan# 1699
Delta R.T. -0.02 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion: 43 Resp: 3809936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 17.1 | 37.9 | 56.9# |
| 55 | 15.9 | 22.6 | 33.8# |
| 61 | 0.0 | 20.9 | 31.3# |



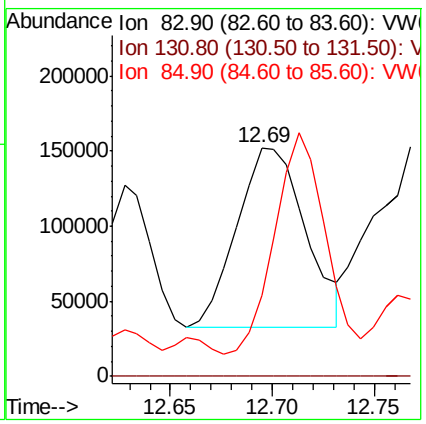


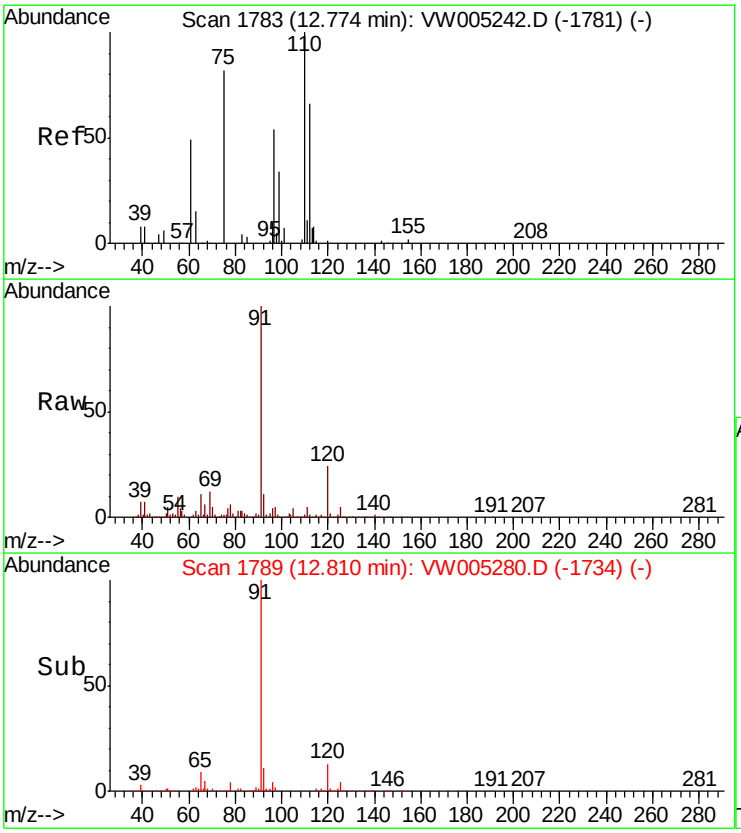

#75
1,1,2,2-Tetrachloroethane
Concen: 449.551 ug/l
RT: 12.69 min Scan# 1770
Delta R.T. -0.02 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :**
MSVOA_W
**ClientSampleId :**
EP1-SUT-4USTS-SB

Tgt Ion: 83 Resp: 279740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 0.0 | 5.5 | 16.4# |
| 85 | 91.2 | 31.6 | 95.0 |

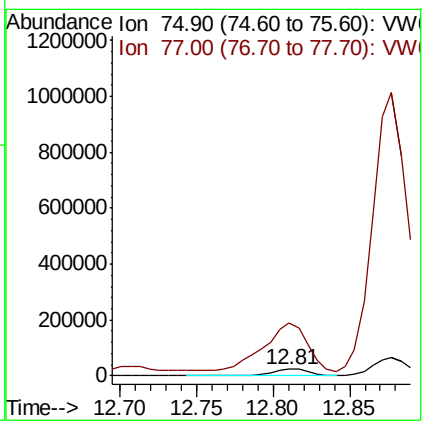


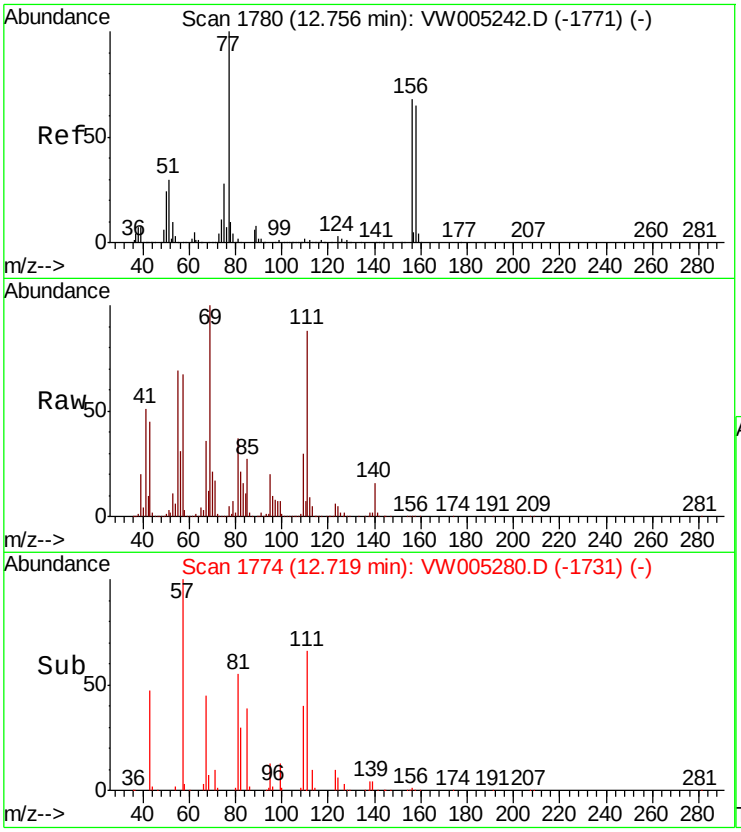




#76
1,2,3-Trichloropropane
Concen: 87.372 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.04 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion: 75 Resp: 39382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 858.8 | 0.0 | 0.0# |



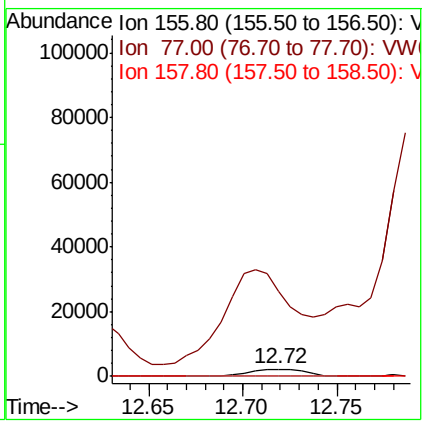


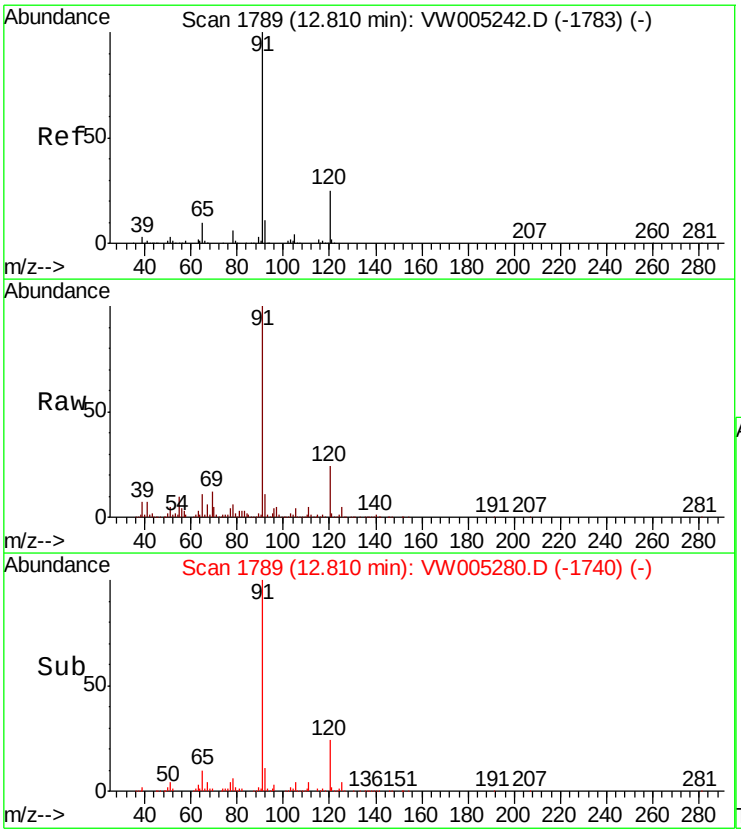

#77
Bromobenzene
Concen: 4.960 ug/l
RT: 12.72 min Scan# 1774
Delta R.T. -0.04 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :**
MSVOA_W
**ClientSampleId :**
EP1-SUT-4USTS-SB

Tgt Ion:156 Resp: 4838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 1550.1 | 86.3 | 258.8# |
| 158 | 0.0 | 48.6 | 145.8# |

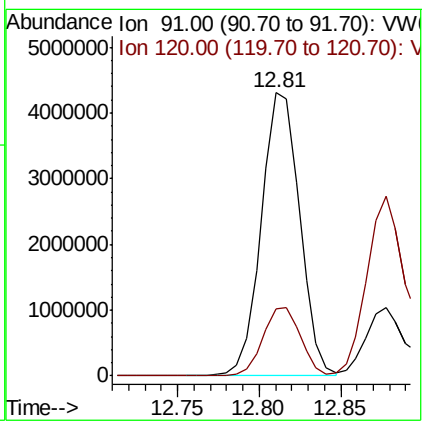


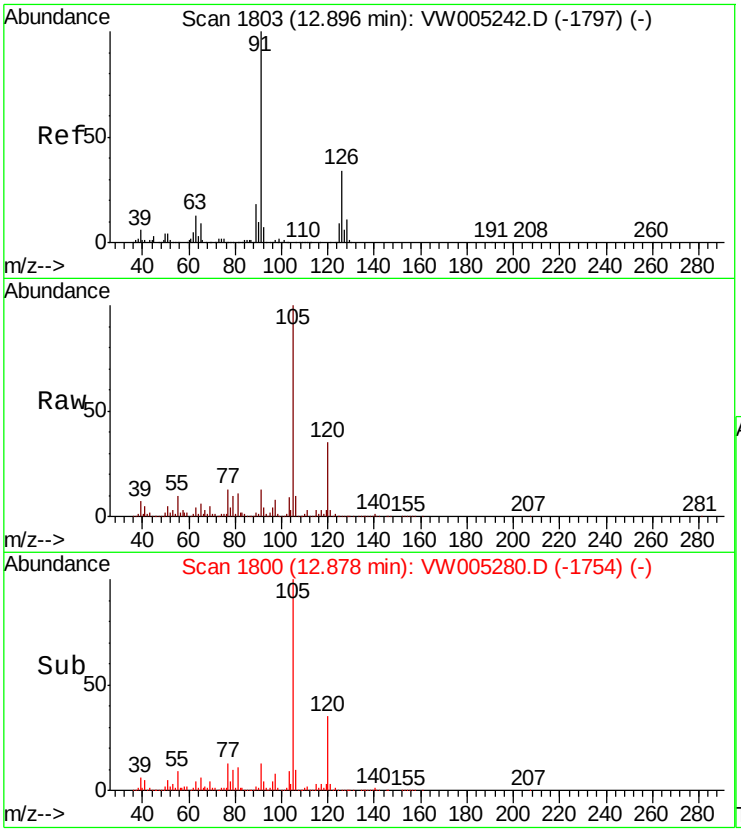




#78
n-propylbenzene
Concen: 1399.633 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion: 91 Resp: 6960149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.8 | 12.0 | 36.0 |



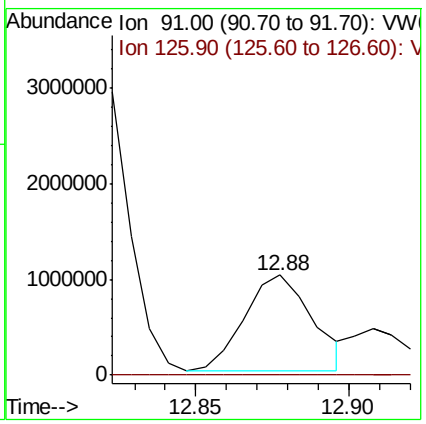


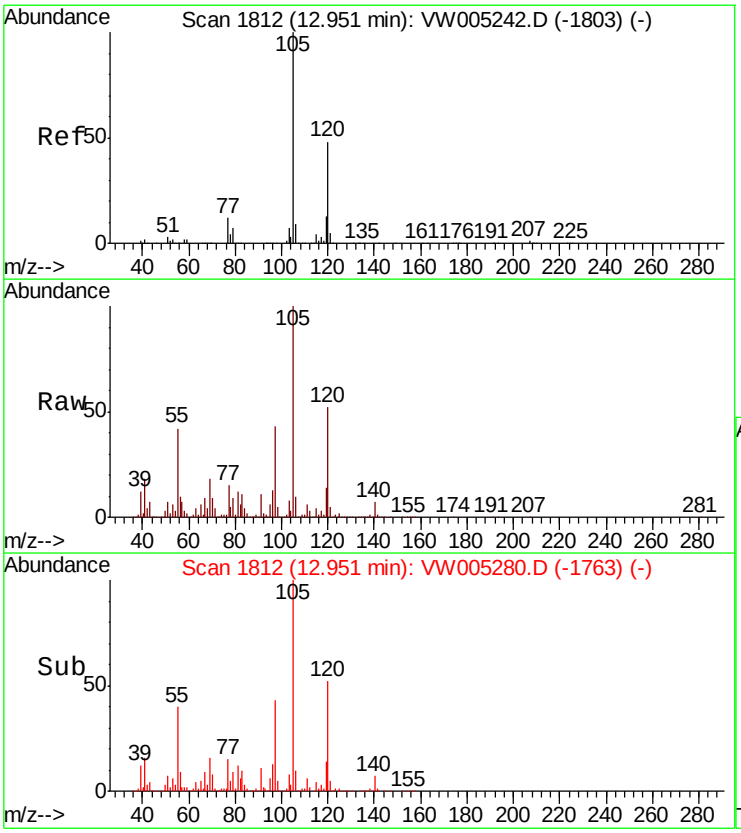

#79
2-Chlorotoluene
Concen: 541.762 ug/l
RT: 12.88 min Scan# 1800
Delta R.T. -0.02 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :** MSVOA_W
**ClientSampleId :** EP1-SUT-4USTS-SB

Tgt Ion: 91 Resp: 1544943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.6 | 17.2 | 51.5# |

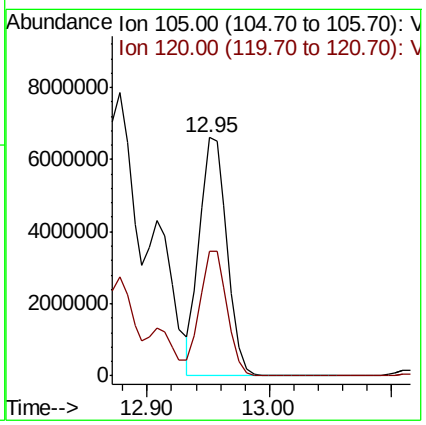


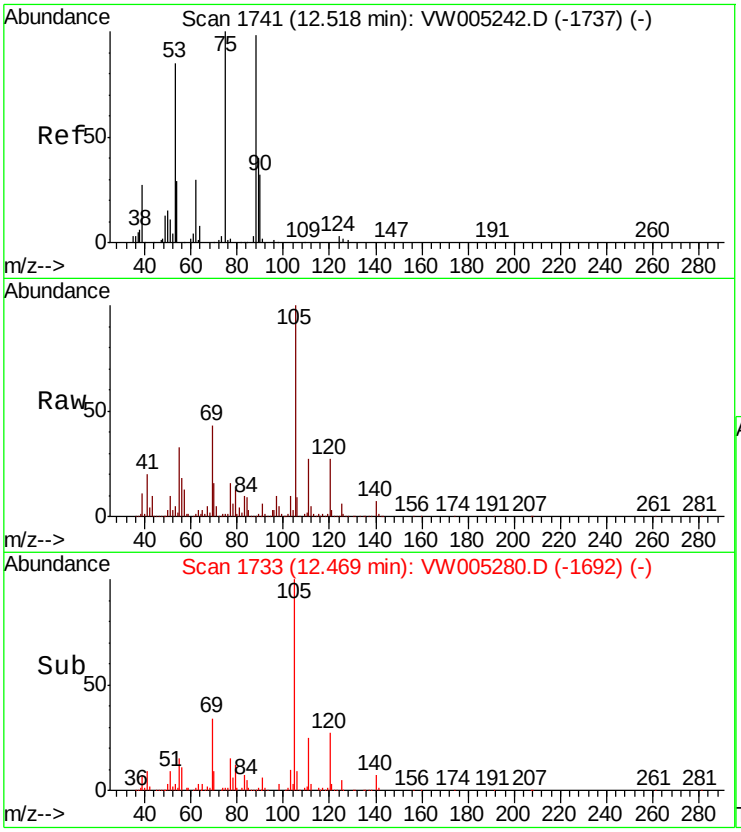




#80
1,3,5-Trimethylbenzene
Concen: 2924.173 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion:105 Resp:10309886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 53.2 | 24.4 | 73.4 |



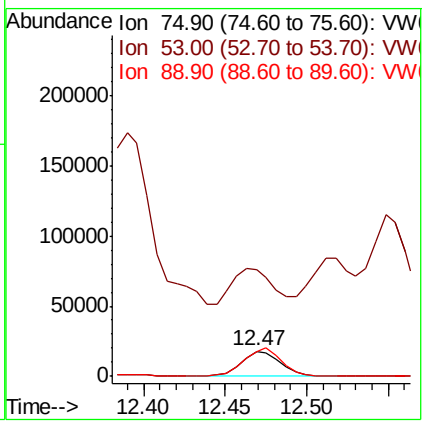


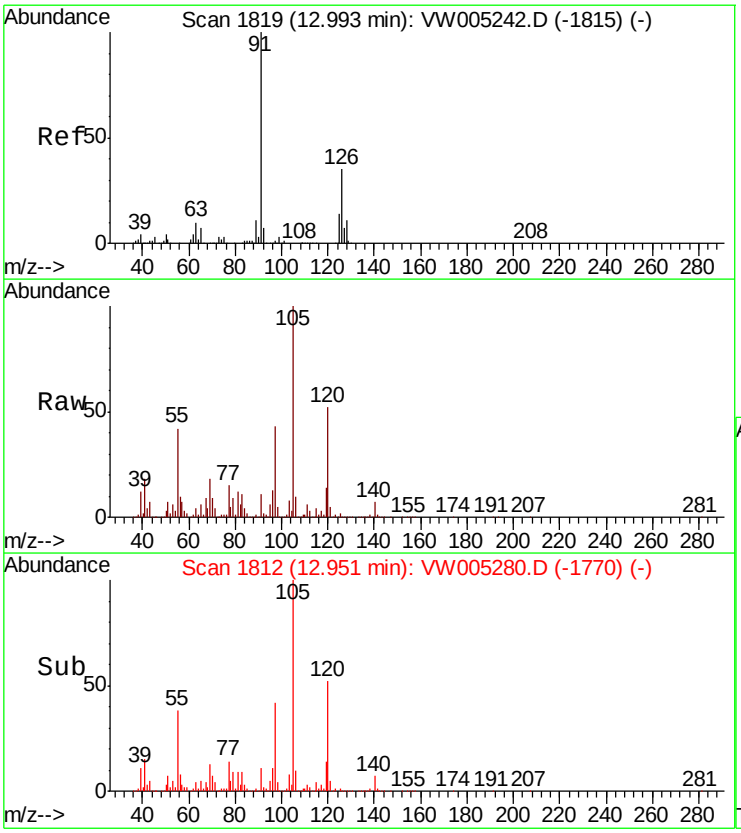

#81
trans-1,4-Dichloro-2-butene
Concen: 148.480 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.05 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :**
MSVOA_W
**ClientSampleId :**
EP1-SUT-4USTS-SB

Tgt Ion: 75 Resp: 28537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 358.1 | 67.0 | 100.6# |
| 89 | 109.4 | 37.0 | 55.4# |

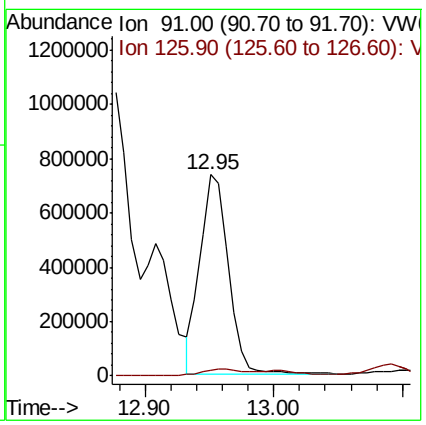


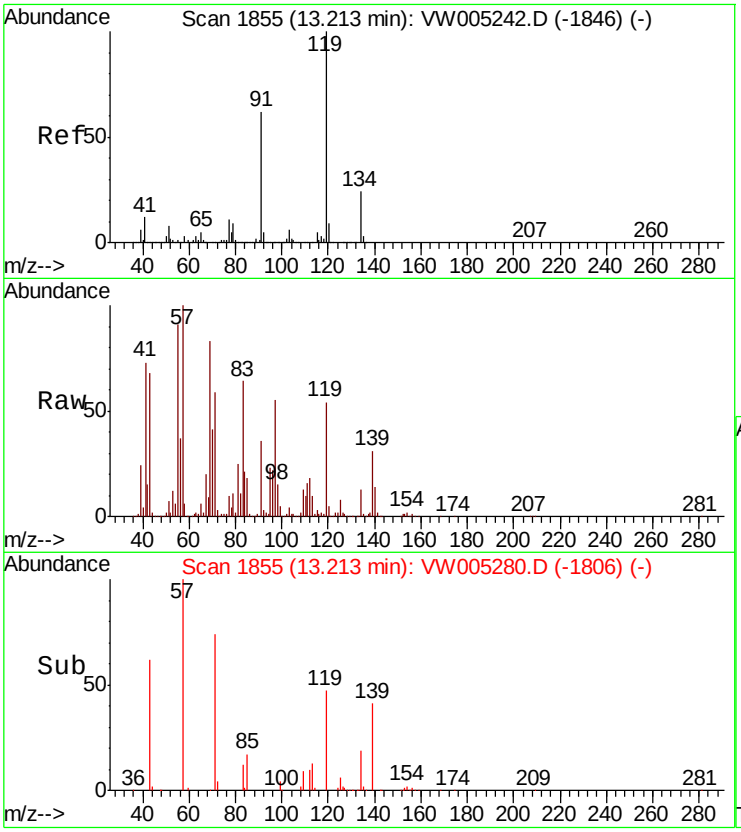




#82
4-Chlorotoluene
Concen: 374.219 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.04 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion: 91 Resp: 1121691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 4.9 | 17.5 | 52.5# |



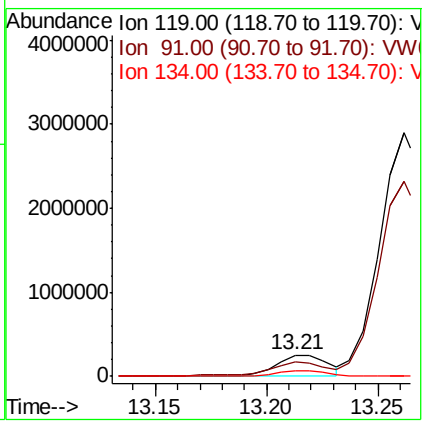


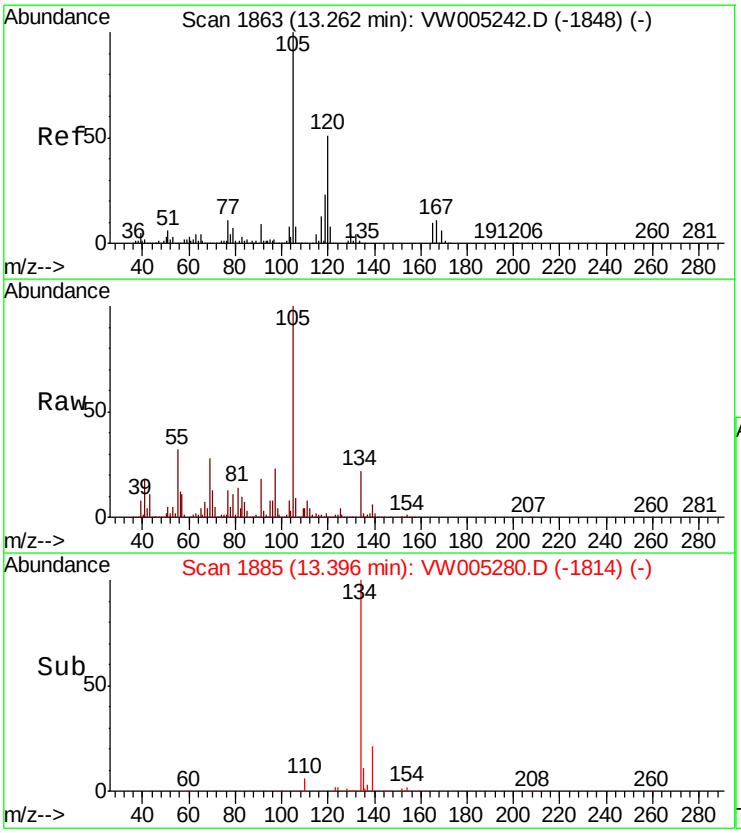

#83
tert-Butylbenzene
Concen: 133.484 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :**
MSVOA_W
**ClientSampleId :**
EP1-SUT-4USTS-SB

Tgt Ion:119 Resp: 411612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 70.8 | 31.7 | 95.1 |
| 134 | 24.8 | 13.0 | 38.9 |

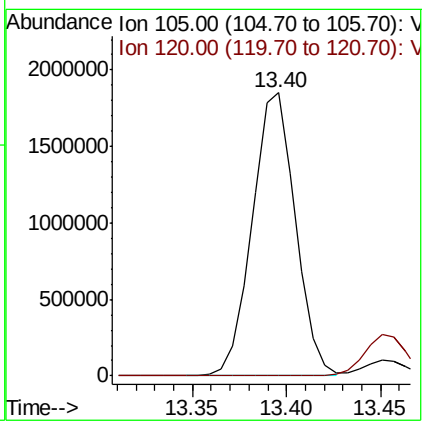


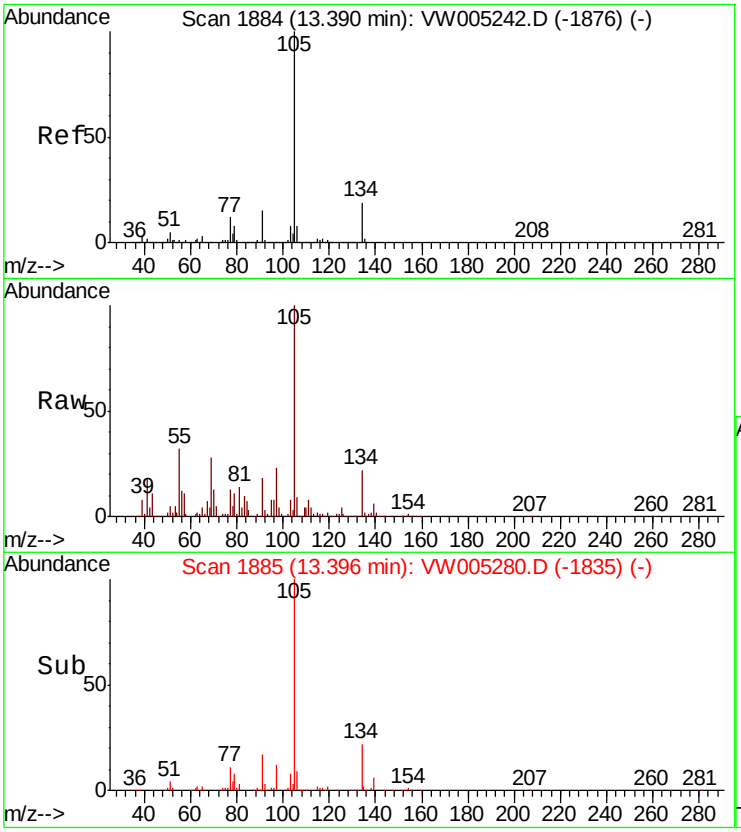




#84
1,2,4-Trimethylbenzene
Concen: 824.201 ug/l
RT: 13.40 min Scan# 1885
Delta R.T. 0.13 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion:105 Resp: 2920134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 0.0 | 23.4 | 70.3# |



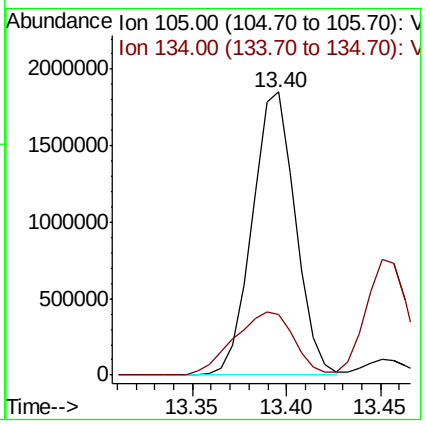


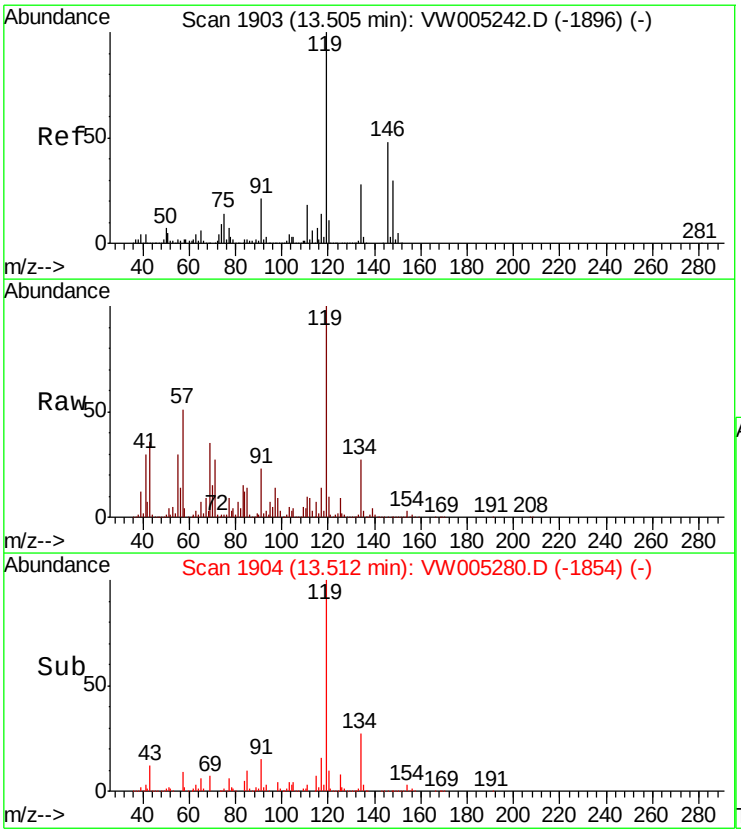

#85
sec-Butylbenzene
Concen: 658.930 ug/l
RT: 13.40 min Scan# 1885
Delta R.T. 0.01 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :** MSVOA_W
**ClientSampleId :** EP1-SUT-4USTS-SB

Tgt Ion:105 Resp: 2920134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 30.9 | 9.9 | 29.7# |

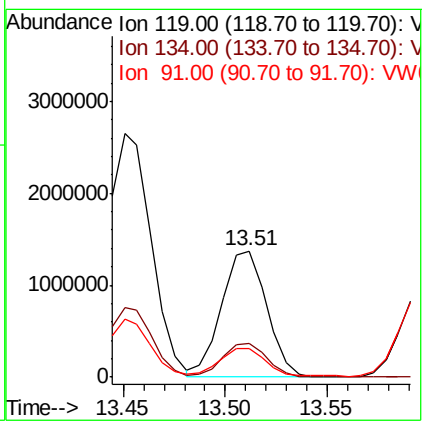


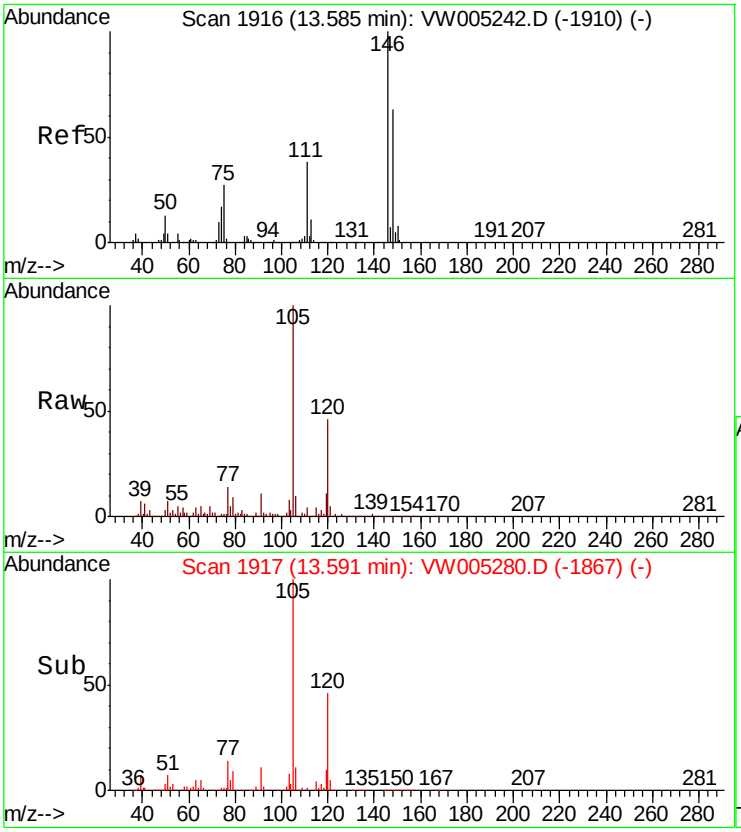




#86
p-Isopropyltoluene
Concen: 535.687 ug/l
RT: 13.51 min Scan# 1904
Delta R.T. 0.01 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion:119 Resp: 2101546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.6 | 13.2 | 39.5 |
| 91 | 22.1 | 10.7 | 32.1 |



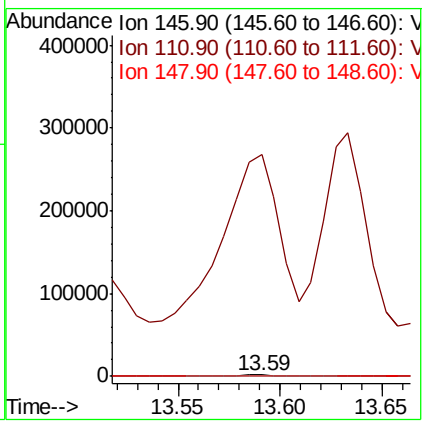


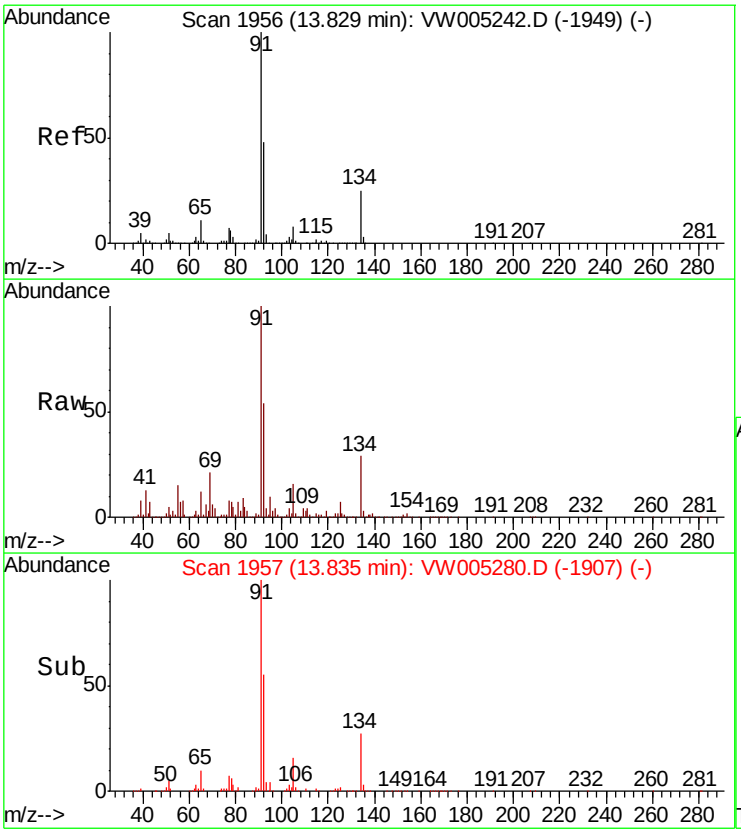

#88
1,4-Dichlorobenzene
Concen: 1.232 ug/l
RT: 13.59 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :**
MSVOA_W
**ClientSampleId :**
EP1-SUT-4USTS-SB

Tgt Ion:146 Resp: 2478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 15558.9 | 19.1 | 57.3# |
| 148 | 67.6 | 32.3 | 96.9 |

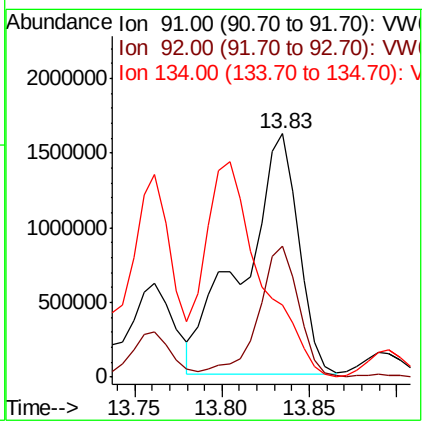


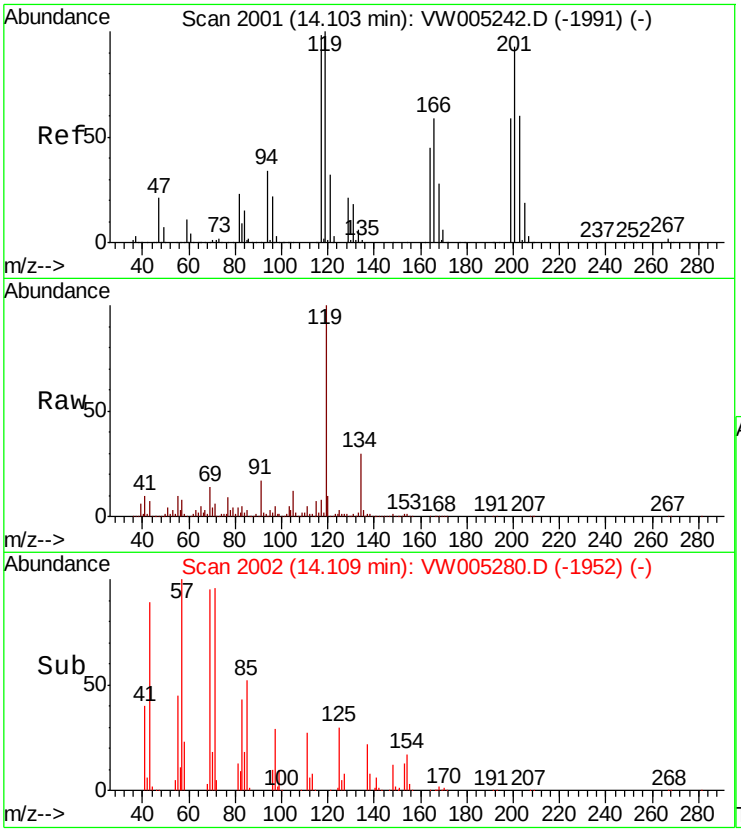




#89
n-Butylbenzene
Concen: 964.673 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion: 91 Resp: 3557640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 40.0 | 25.8 | 77.3 |
| 134 | 0.0 | 13.6 | 40.8# |



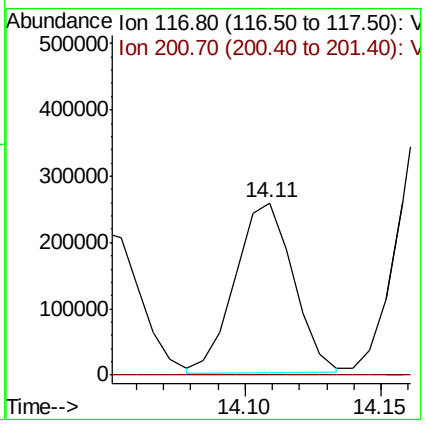


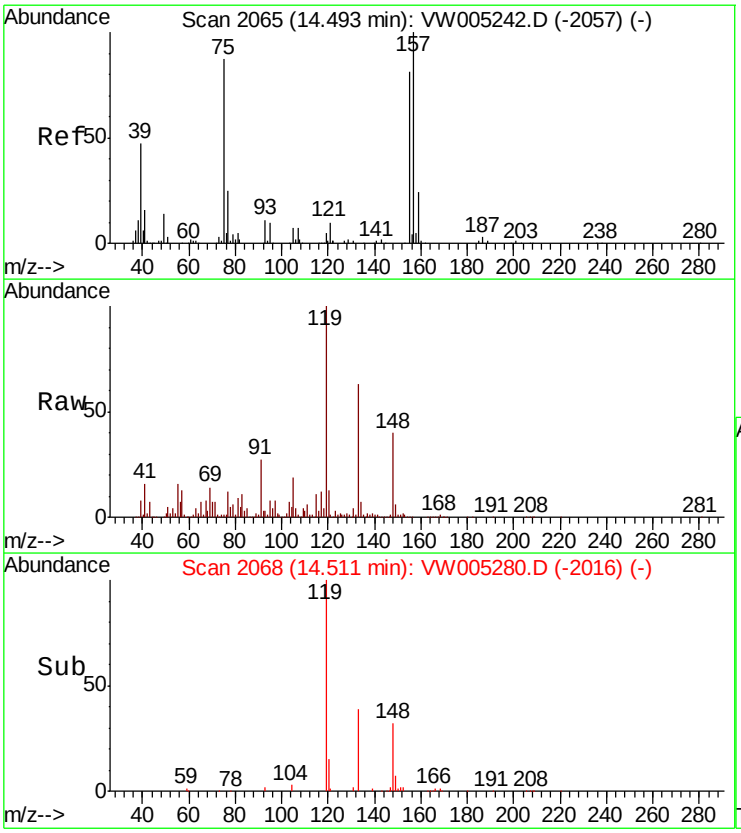

#90
Hexachloroethane
Concen: 604.802 ug/l
RT: 14.11 min Scan# 2002
Delta R.T. 0.01 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :**
MSVOA_W
**ClientSampleId :**
EP1-SUT-4USTS-SB

Tgt Ion:117 Resp: 380141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 44.0 | 132.1# |

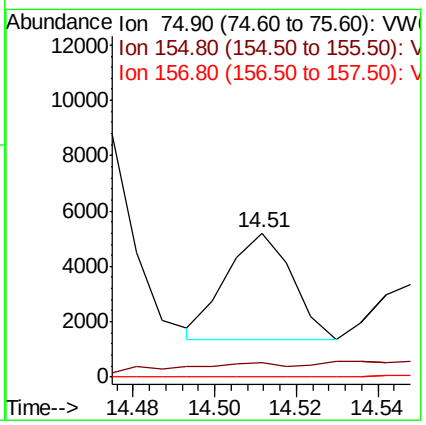


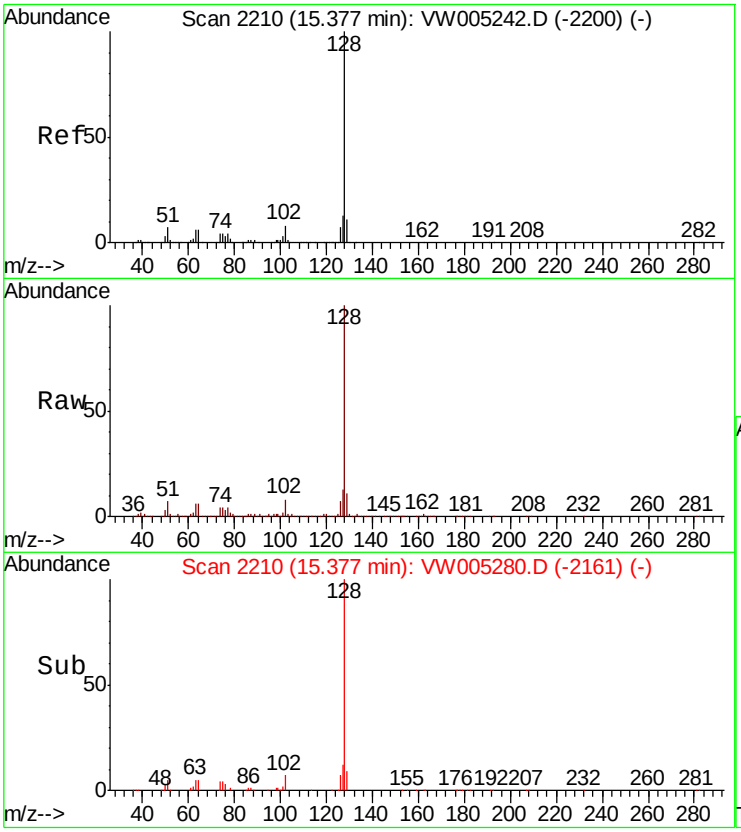




#92
1,2-Dibromo-3-Chloropropane
Concen: 41.796 ug/l
RT: 14.51 min Scan# 2068
Delta R.T. 0.02 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

Tgt Ion: 75 Resp: 4325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 0.0 | 47.4 | 142.2# |
| 157 | 0.0 | 59.4 | 178.2# |






#95
Naphthalene
Concen: 391.662 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005280.D
Acq: 11 Sep 2018 17:10

**Instrument :**
MSVOA_W
**ClientSampleId :**
EP1-SUT-4USTS-SB

Tgt Ion:128 Resp: 808689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.9 | 10.3 | 15.5 |
| 129 | 10.9 | 8.8 | 13.2 |