Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091218\
Data File : VV007472.D
Acq On : 12 Sep 2018 12:14
Operator : SY/MD
Sample : VSTD00165
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VSTD00165

Quant Time: Sep 13 01:54:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091218WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 13 01:53:45 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 123881 | 5.00 | ug/L | | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 109428 | 5.00 | ug/L | | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 56213 | 5.00 | ug/L | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 6570 | 0.99 | ug/L | | 0.00 |
| 7) Chloroethane-d5 | 1.58 | 69 | 5033 | 0.91 | ug/L | | 0.00 |
| 11) 1,1-Dichloroethene-d2 | 2.14 | 63 | 12769 | 0.96 | ug/L | | 0.00 |
| 20) 2-Butanone-d5 | 3.98 | 46 | 14309 | 10.02 | ug/L | | 0.01 |
| 24) Chloroform-d | 4.41 | 84 | 12267 | 0.94 | ug/L | | 0.00 |
| 26) 1,2-Dichloroethane-d4 | 5.09 | 65 | 6727 | 0.98 | ug/L | | 0.00 |
| 32) Benzene-d6 | 5.10 | 84 | 25177 | 1.01 | ug/L | | 0.00 |
| 36) 1,2-Dichloropropane-d6 | 6.13 | 67 | 7450 | 1.00 | ug/L | | 0.00 |
| 41) Toluene-d8 | 7.36 | 98 | 23853 | 0.95 | ug/L | | 0.00 |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 3350 | 0.91 | ug/L | | 0.00 |
| 46) 2-Hexanone-d5 | 8.15 | 63 | 7469 | 8.54 | ug/L | | 0.00 |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27 | 84 | 5745 | 1.01 | ug/L | | 0.00 |
| 64) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 9717 | 1.01 | ug/L | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.14 | 85 | 6606 | 0.915 | ug/L | # | 88 |
| 3) Chloromethane | 1.25 | 50 | 6058 | 0.958 | ug/L | | 87 |
| 5) Vinyl chloride | 1.32 | 62 | 7725 | 1.062 | ug/L | | 98 |
| 6) Bromomethane | 1.54 | 94 | 4441 | 0.921 | ug/L | | 87 |
| 8) Chloroethane | 1.60 | 64 | 4244 | 0.981 | ug/L | | 97 |
| 9) Trichlorofluoromethane | 1.77 | 101 | 12504 | 0.986 | ug/L | | 98 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.14 | 101 | 7116 | 0.982 | ug/L | | 97 |
| 12) 1,1-Dichloroethene | 2.14 | 96 | 6184 | 0.967 | ug/L | | 94 |
| 13) Acetone | 2.21 | 43 | 7348 | 8.818 | ug/L | | 86 |
| 14) Carbon disulfide | 2.32 | 76 | 19362 | 0.990 | ug/L | | 95 |
| 15) Methyl Acetate | 2.47 | 43 | 2842 | 1.233 | ug/L | | 99 |
| 16) Methylene chloride | 2.54 | 84 | 6843 | 1.002 | ug/L | | 89 |
| 17) Methyl tert-butyl Ether | 2.82 | 73 | 15682 | 0.970 | ug/L | | 95 |
| 18) trans-1,2-Dichloroethene | 2.79 | 96 | 6619 | 0.968 | ug/L | | 93 |
| 19) 1,1-Dichloroethane | 3.23 | 63 | 10516 | 0.942 | ug/L | # | 86 |
| 21) 2-Butanone | 4.06 | 43 | 13121 | 9.688 | ug/L | | 93 |
| 22) cis-1,2-Dichloroethene | 3.97 | 96 | 6549 | 0.975 | ug/L | # | 97 |
| 23) Bromochloromethane | 4.30 | 128 | 3252 | 1.012 | ug/L | # | 92 |
| 25) Chloroform | 4.43 | 83 | 11494 | 0.999 | ug/L | | 98 |
| 27) 1,2-Dichloroethane | 5.19 | 62 | 7362 | 1.022 | ug/L | # | 74 |
| 29) 1,1,1-Trichloroethane | 4.66 | 97 | 11746 | 1.041 | ug/L | | 96 |
| 30) Cyclohexane | 4.72 | 56 | 10697 | 1.070 | ug/L | | 96 |
| 31) Carbon tetrachloride | 4.87 | 117 | 10095 | 0.970 | ug/L | | 94 |
| 33) Benzene | 5.15 | 78 | 23823 | 0.998 | ug/L | | 100 |
| 34) Trichloroethene | 5.96 | 95 | 7527 | 1.046 | ug/L | | 94 |
| 35) Methylcyclohexane | 6.18 | 83 | 10928 | 0.979 | ug/L | | 95 |
| 37) 1,2-Dichloropropane | 6.23 | 63 | 6439 | 1.065 | ug/L | | 98 |
| 38) Bromodichloromethane | 6.56 | 83 | 8115 | 0.949 | ug/L | | 98 |
| 39) cis-1,3-Dichloropropene | 7.08 | 75 | 9358 | 0.962 | ug/L | | 95 |
| 40) 4-Methyl-2-pentanone | 7.29 | 43 | 33284 | 9.668 | ug/L | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091218\
Data File : VV007472.D
Acq On : 12 Sep 2018 12:14
Operator : SY/MD
Sample : VSTD00165
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VSTD00165

Quant Time: Sep 13 01:54:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091218WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 13 01:53:45 2018
Response via : Initial Calibration

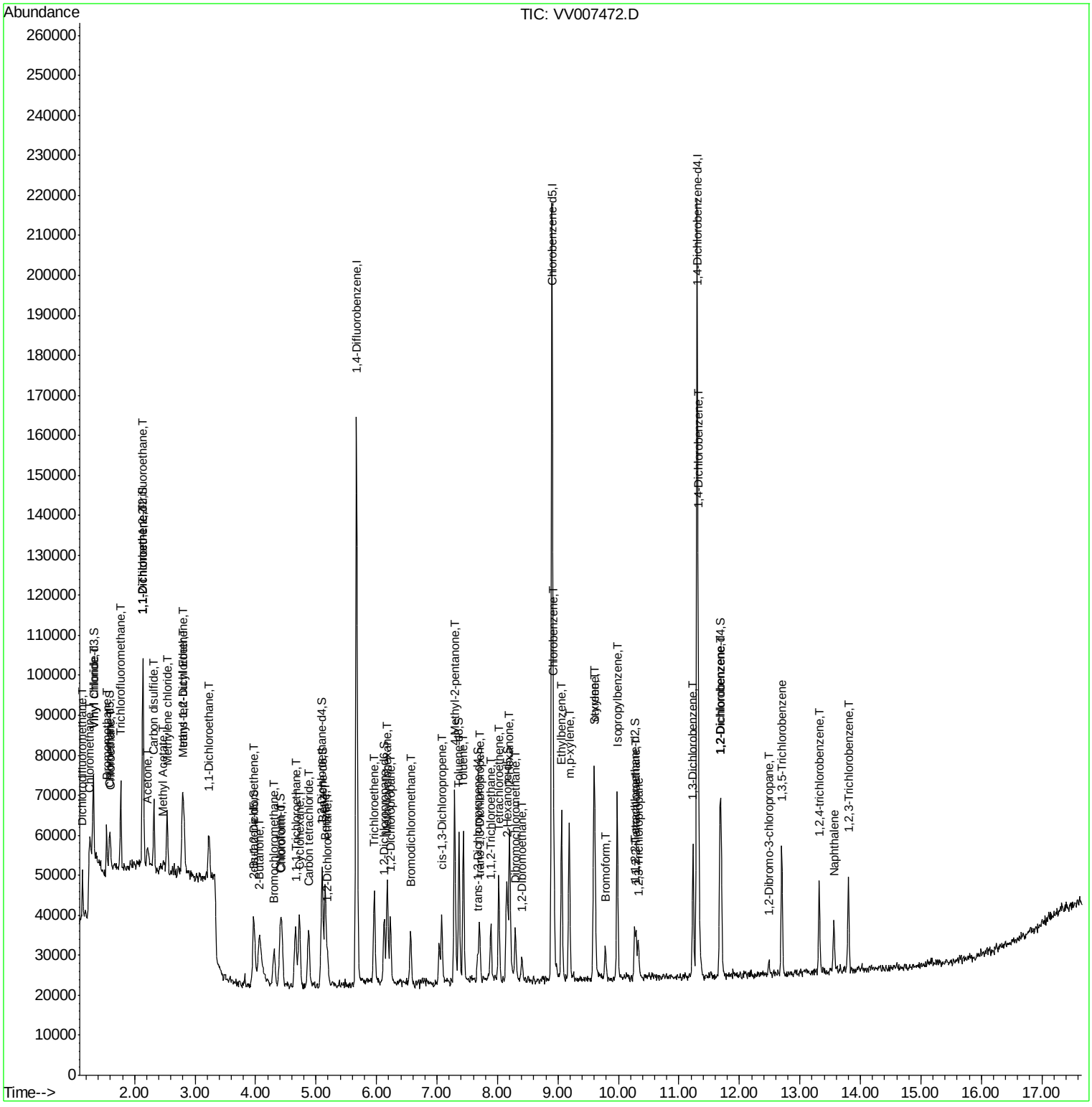
| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) Toluene | 7.44 | 91 | 25234 | 0.955 | ug/L | | 97 |
| 44) trans-1,3-Dichloropropene | 7.70 | 75 | 8416 | 1.031 | ug/L | | 88 |
| 45) 1,1,2-Trichloroethane | 7.89 | 97 | 4599 | 1.005 | ug/L | | 95 |
| 47) Tetrachloroethene | 8.02 | 164 | 5999 | 0.974 | ug/L | | 97 |
| 48) 2-Hexanone | 8.20 | 43 | 24782 | 9.889 | ug/L | | 98 |
| 49) Dibromochloromethane | 8.30 | 129 | 5975 | 0.944 | ug/L | | 99 |
| 50) 1,2-Dibromoethane | 8.41 | 107 | 4368 | 0.978 | ug/L | # | 94 |
| 51) Chlorobenzene | 8.93 | 112 | 18367 | 1.023 | ug/L | | 98 |
| 52) Ethylbenzene | 9.06 | 91 | 28841 | 0.957 | ug/L | | 97 |
| 53) m,p-xylene | 9.19 | 106 | 11474 | 0.979 | ug/L | | 95 |
| 54) o-xylene | 9.59 | 106 | 11180 | 0.977 | ug/L | | 94 |
| 55) Styrene | 9.61 | 104 | 17679 | 0.943 | ug/L | | 98 |
| 56) Isopropylbenzene | 9.98 | 105 | 30066 | 0.976 | ug/L | | 99 |
| 58) 1,1,2,2-Tetrachloroethane | 10.30 | 83 | 4530 | 0.903 | ug/L | | 99 |
| 59) 1,2,3-Trichloropropane | 10.32 | 75 | 3989 | 1.036 | ug/L | | 96 |
| 61) Bromoform | 9.78 | 173 | 3867 | 0.991 | ug/L | | 95 |
| 62) 1,3-Dichlorobenzene | 11.23 | 146 | 14105 | 0.985 | ug/L | | 98 |
| 63) 1,4-Dichlorobenzene | 11.32 | 146 | 14312 | 1.003 | ug/L | | 98 |
| 65) 1,2-Dichlorobenzene | 11.70 | 146 | 13482 | 1.002 | ug/L | | 97 |
| 66) 1,2-Dibromo-3-chloropropan | 12.48 | 75 | 1055 | 1.055 | ug/L | # | 86 |
| 67) 1,3,5-Trichlorobenzene | 12.70 | 180 | 10404 | 0.947 | ug/L | | 98 |
| 68) 1,2,4-trichlorobenzene | 13.32 | 180 | 7122 | 0.855 | ug/L | | 96 |
| 69) Naphthalene | 13.56 | 128 | 10449 | 0.806 | ug/L | # | 94 |
| 70) 1,2,3-Trichlorobenzene | 13.80 | 180 | 6937 | 0.887 | ug/L | | 97 |

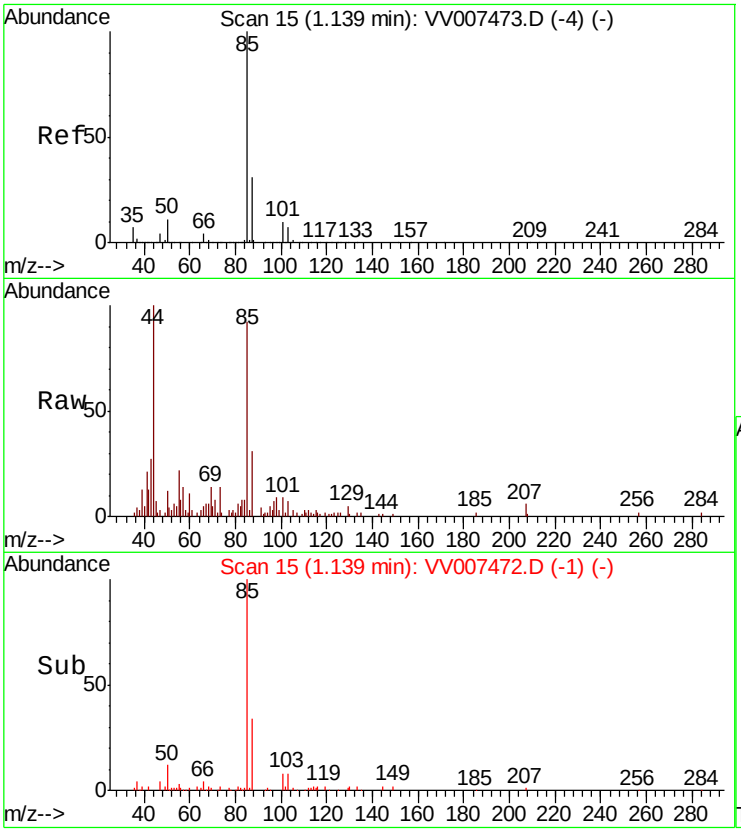
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091218\
Data File : VV007472.D
Acq On : 12 Sep 2018 12:14
Operator : SY/MD
Sample : VSTD00165
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VSTD00165

Quant Time: Sep 13 01:54:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091218WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 13 01:53:45 2018
Response via : Initial Calibration



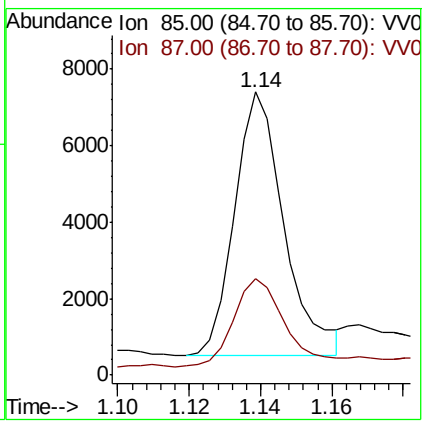


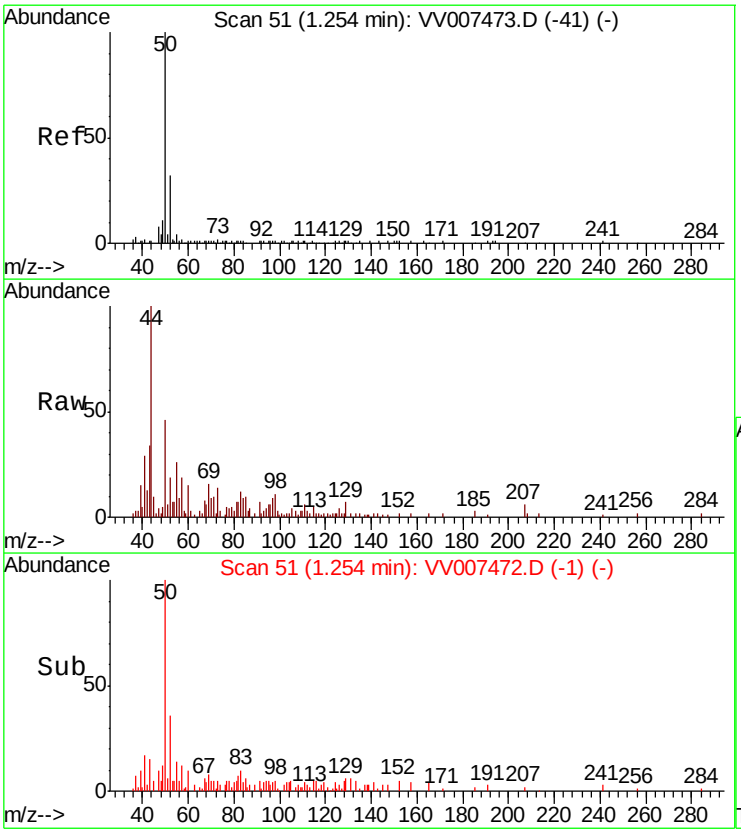

#2
Dichlorodifluoromethane
Concen: 0.915 ug/L
RT: 1.14 min Scan# 15
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTD00165

Tgt Ion: 85 Resp: 6606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 37.9 | 25.0 | 37.4# |

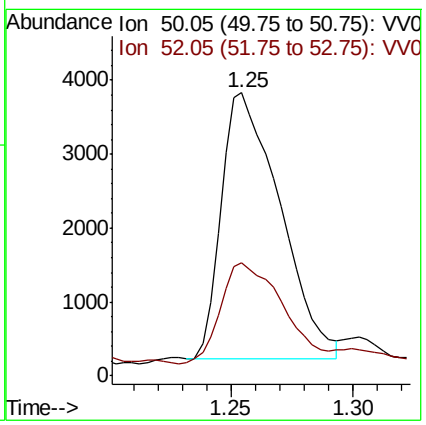


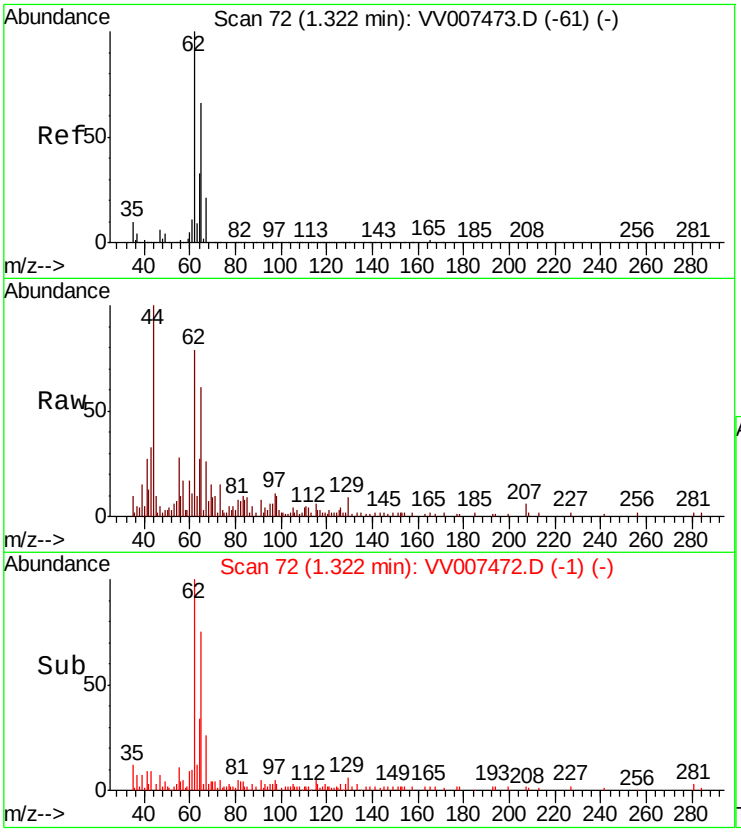




#3
Chloromethane
Concen: 0.958 ug/L
RT: 1.25 min Scan# 51
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion: 50 Resp: 6058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 40.2 | 23.1 | 42.9 |



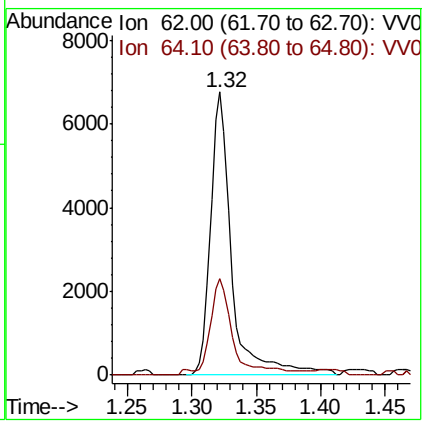


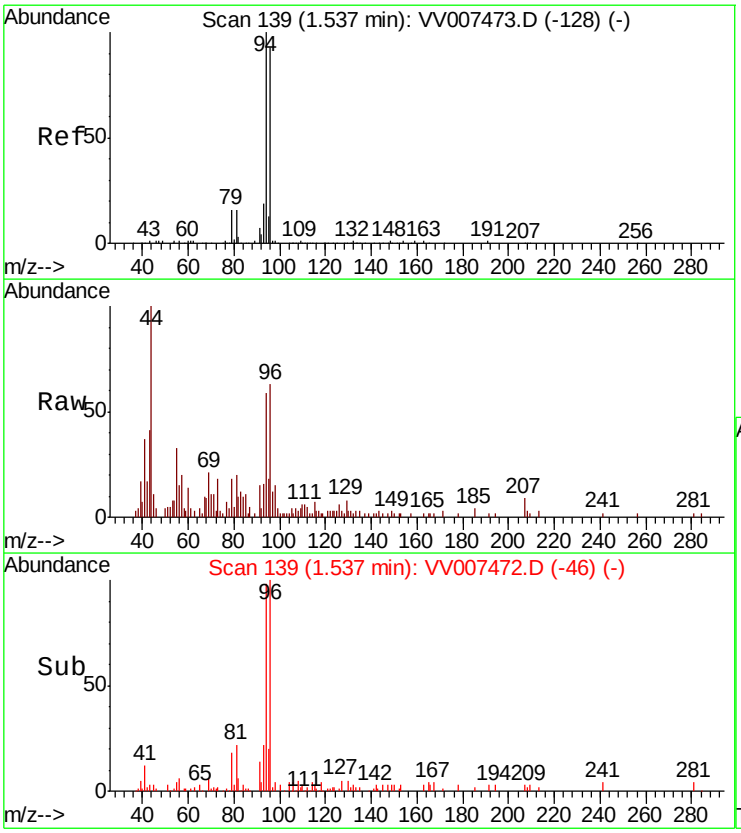

#5
Vinyl chloride
Concen: 1.062 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTD00165

Tgt Ion: 62 Resp: 7725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 34.2 | 23.1 | 42.9 |

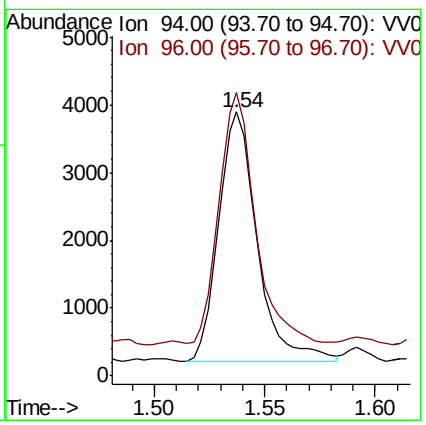


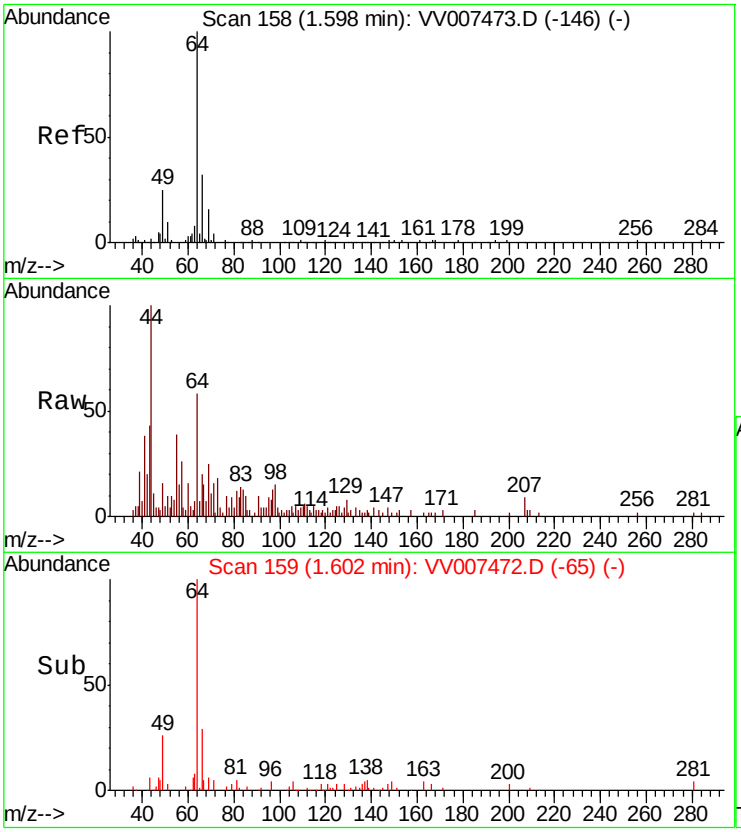




#6
Bromomethane
Concen: 0.921 ug/L
RT: 1.54 min Scan# 139
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion: 94 Resp: 4441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 107.2 | 66.3 | 123.1 |



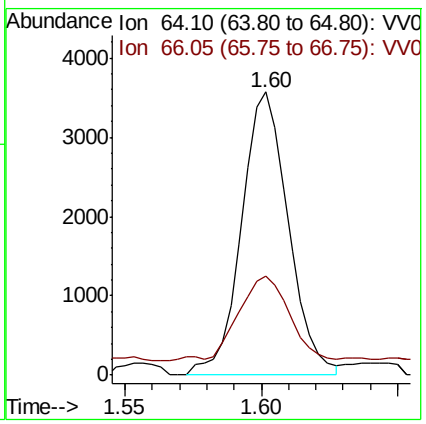


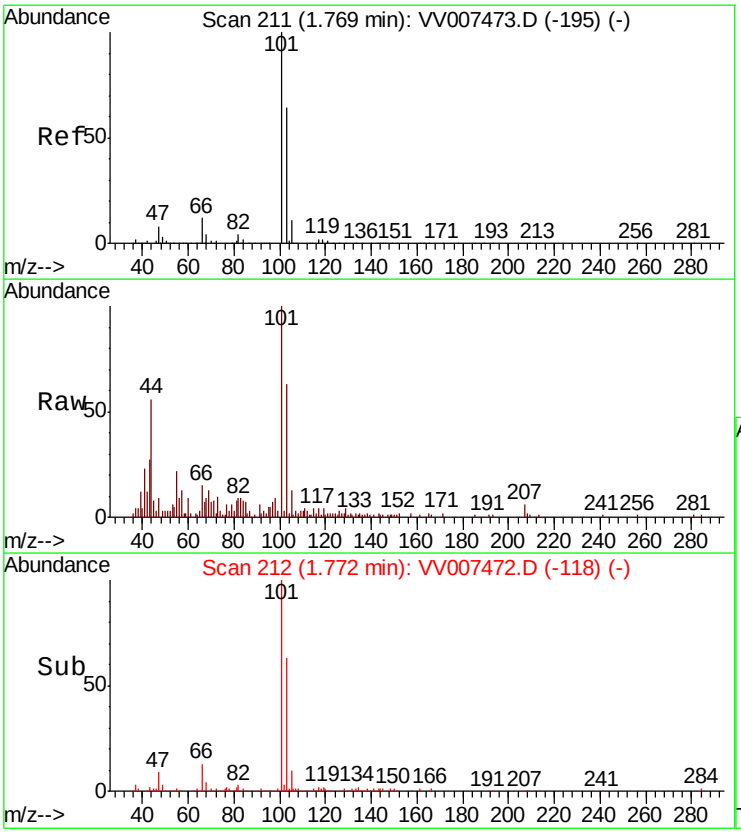

#8
Chloroethane
Concen: 0.981 ug/L
RT: 1.60 min Scan# 159
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTD00165

Tgt Ion: 64 Resp: 4244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 35.0 | 23.5 | 43.7 |

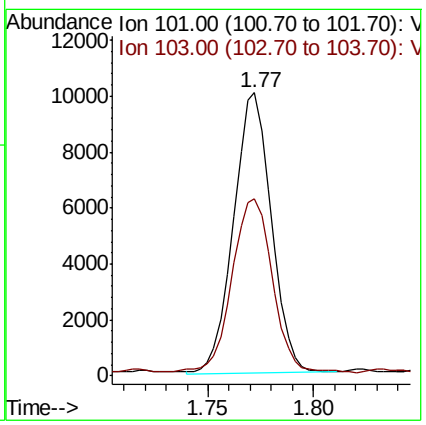


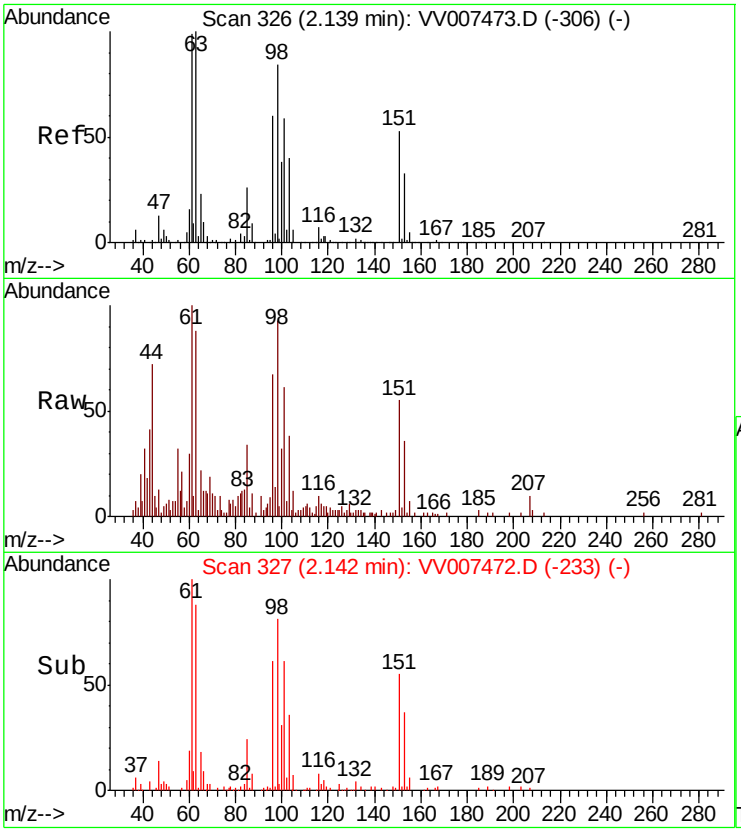




#9
Trichlorofluoromethane
Concen: 0.986 ug/L
RT: 1.77 min Scan# 212
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion:101 Resp: 12504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.9 | 51.5 | 77.3 |



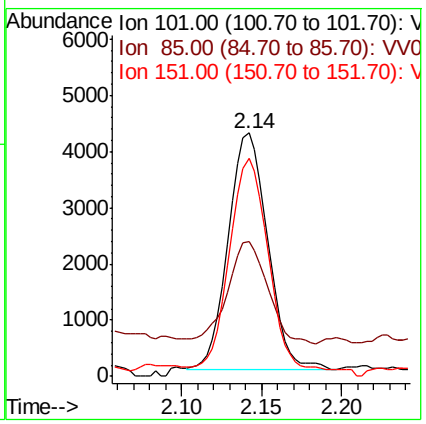


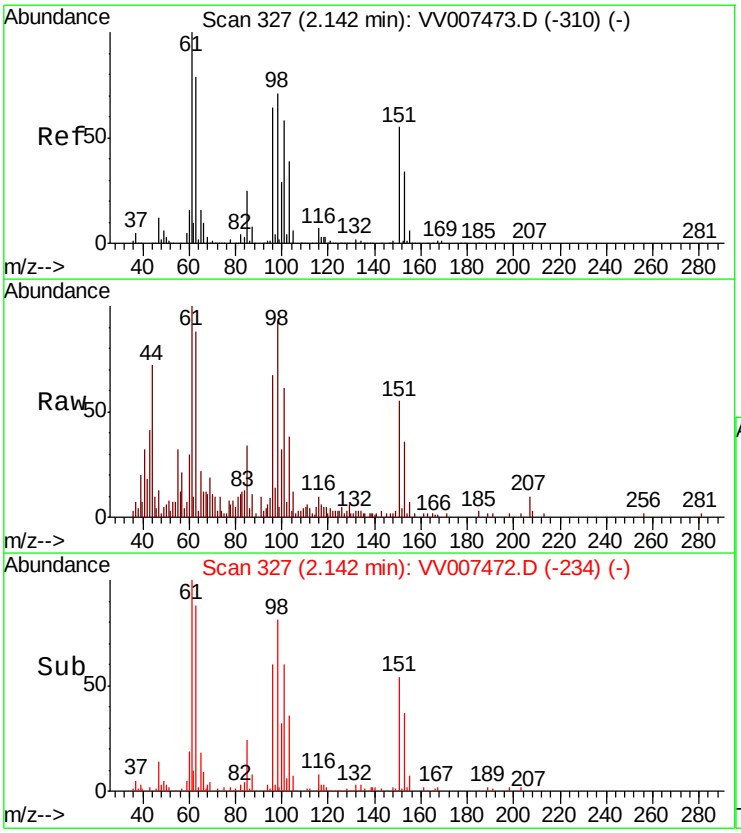

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.982 ug/L
RT: 2.14 min Scan# 327
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTD00165

Tgt Ion:101 Resp: 7116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.5 | 34.5 | 51.7 |
| 151 | 85.6 | 71.4 | 107.0 |

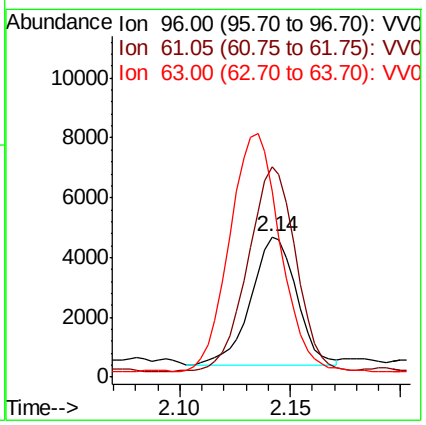


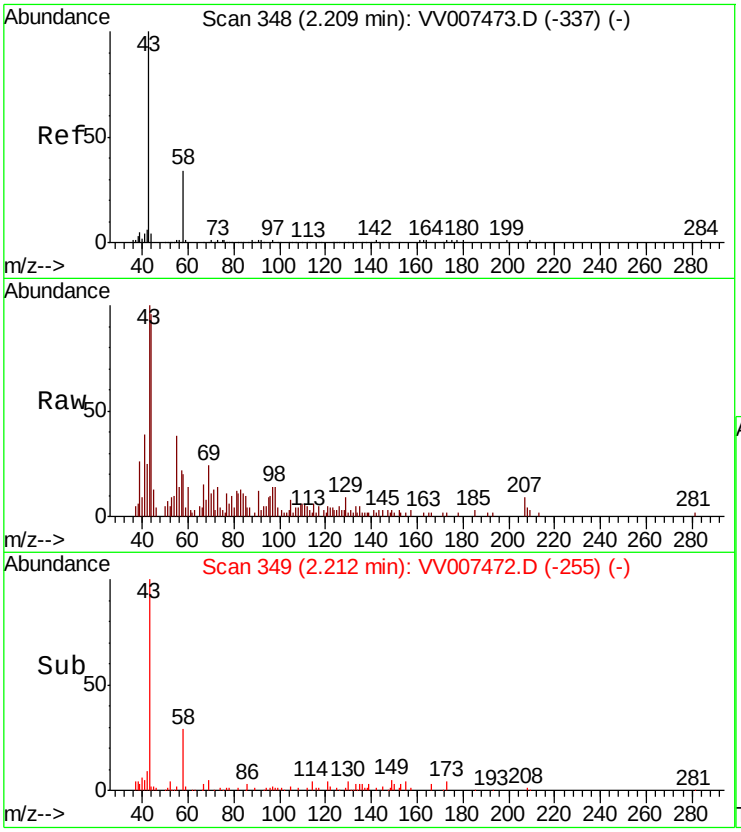




#12
1,1-Dichloroethene
Concen: 0.967 ug/L
RT: 2.14 min Scan# 327
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion: 96 Resp: 6184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 150.1 | 108.0 | 200.6 |
| 63 | 132.8 | 85.7 | 159.1 |



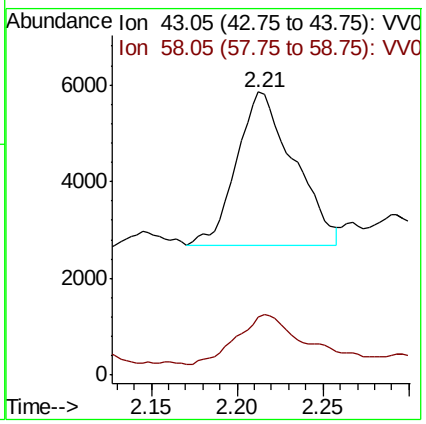


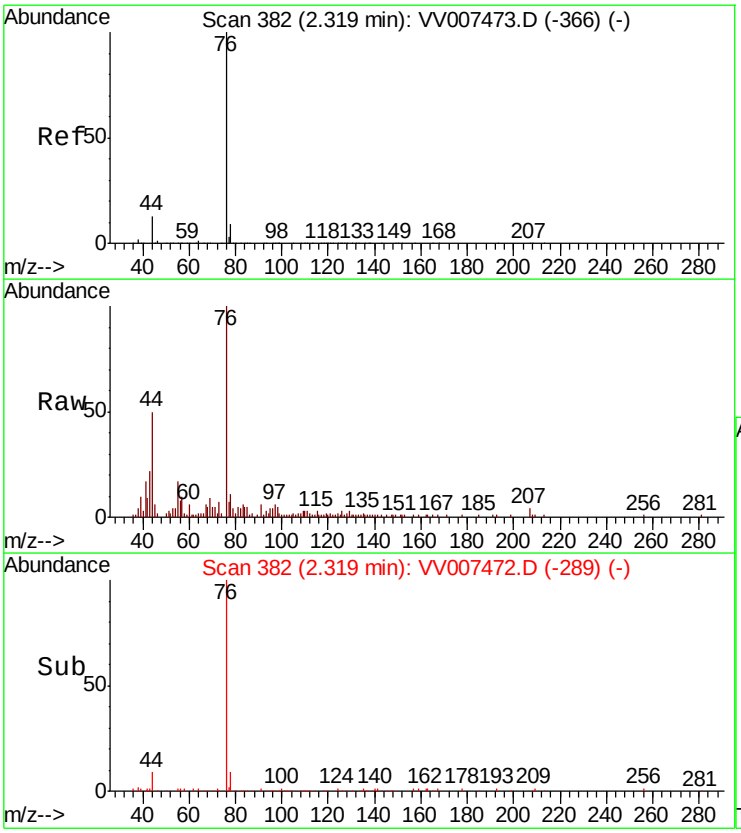

#13
Acetone
Concen: 8.818 ug/L
RT: 2.21 min Scan# 349
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :** MSVOA_V
**ClientSampleId :** VSTD00165

Tgt Ion: 43 Resp: 7348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.3 | 0.0 | 65.4 |

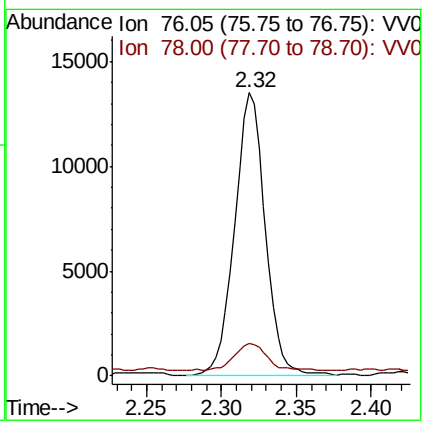


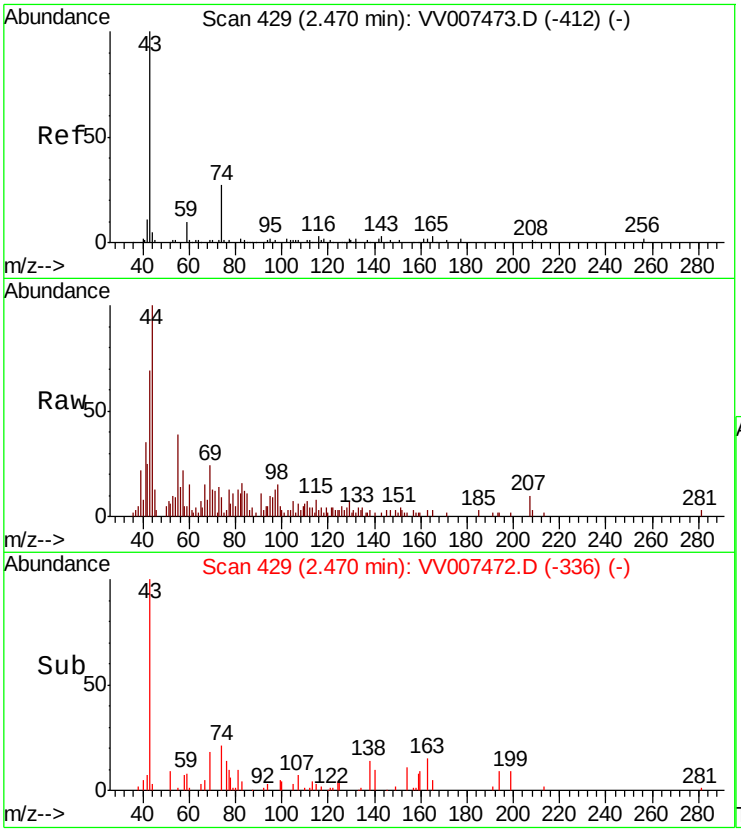




#14
Carbon disulfide
Concen: 0.990 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion: 76 Resp: 19362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 11.3 | 7.6 | 11.4 |



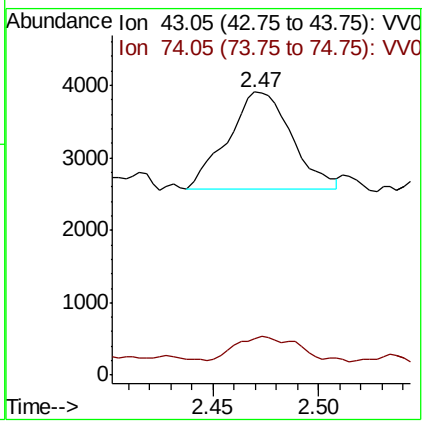


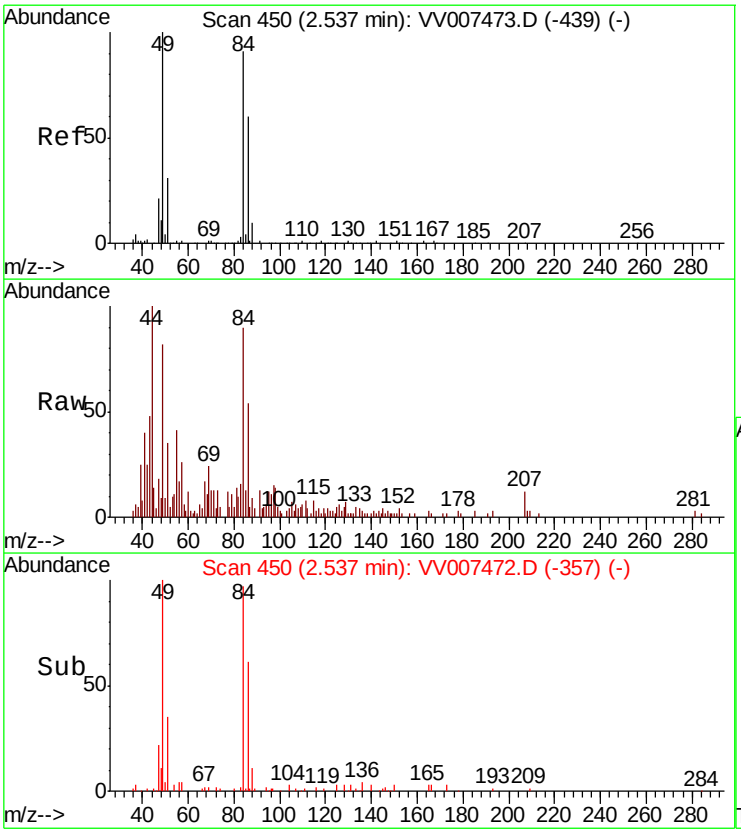

#15
Methyl Acetate
Concen: 1.233 ug/L
RT: 2.47 min Scan# 429
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :** MSVOA_V
**ClientSampleId :** VSTD00165

Tgt Ion: 43 Resp: 2842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 25.6 | 20.0 | 30.0 |

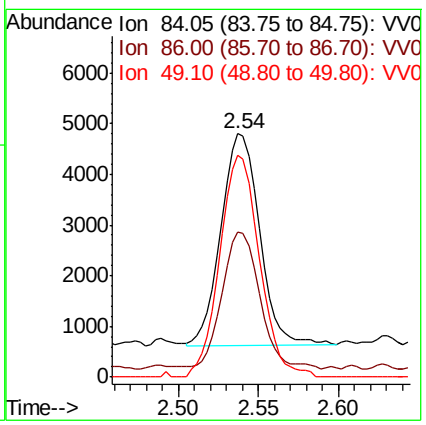


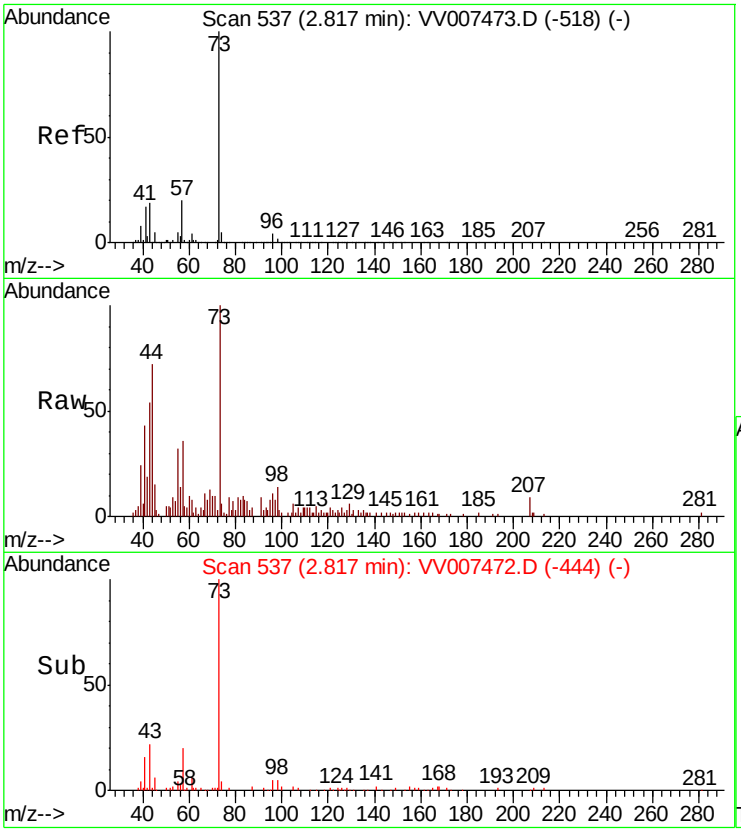




#16
Methylene chloride
Concen: 1.002 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion: 84 Resp: 6843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 59.8 | 44.9 | 83.3 |
| 49 | 90.9 | 74.2 | 137.8 |



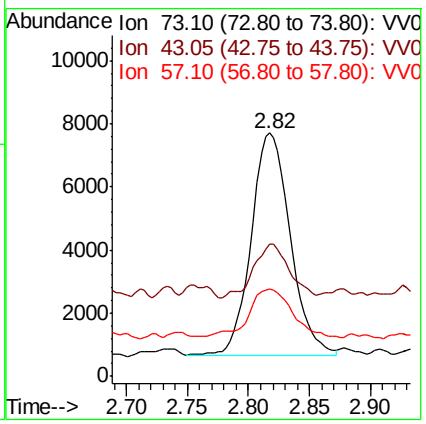


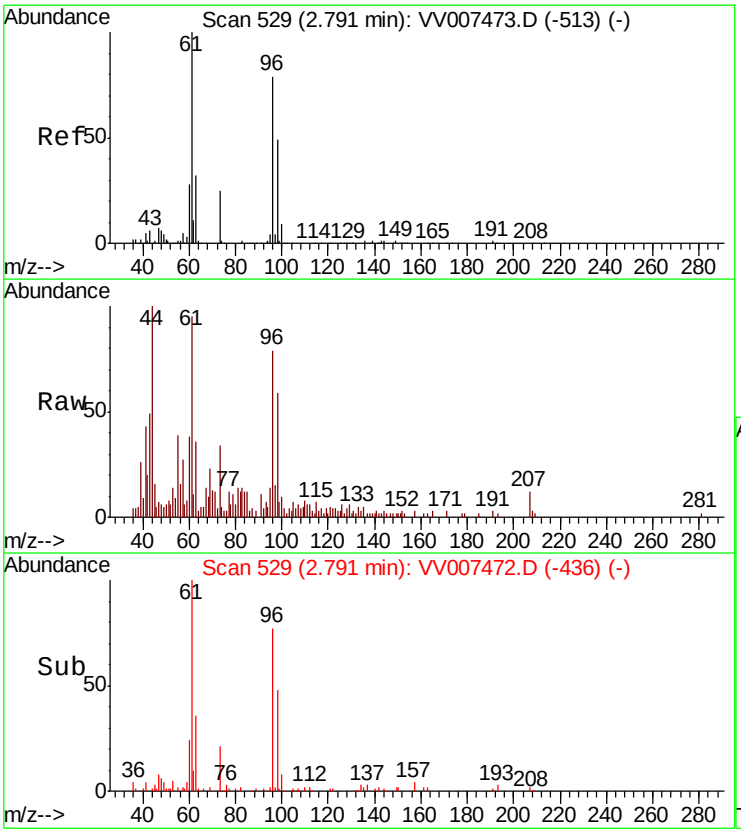

#17
Methyl tert-butyl Ether
Concen: 0.970 ug/L
RT: 2.82 min Scan# 537
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :** MSVOA_V
**ClientSampleId :** VSTD00165

Tgt Ion: 73 Resp: 15682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 21.4 | 15.3 | 22.9 |
| 57 | 22.5 | 16.5 | 24.7 |

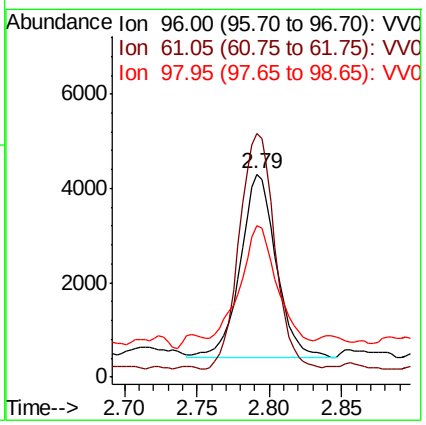


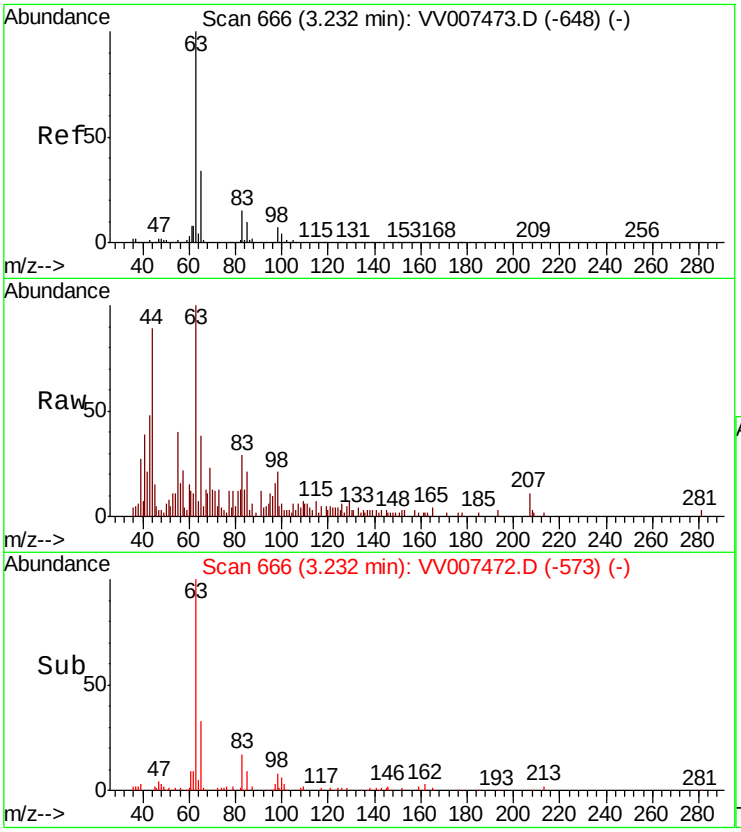




#18
trans-1,2-Dichloroethene
Concen: 0.968 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion: 96 Resp: 6619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 120.2 | 87.6 | 162.6 |
| 98 | 75.0 | 45.7 | 84.9 |



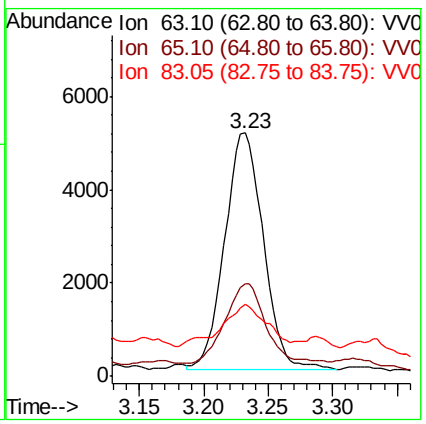


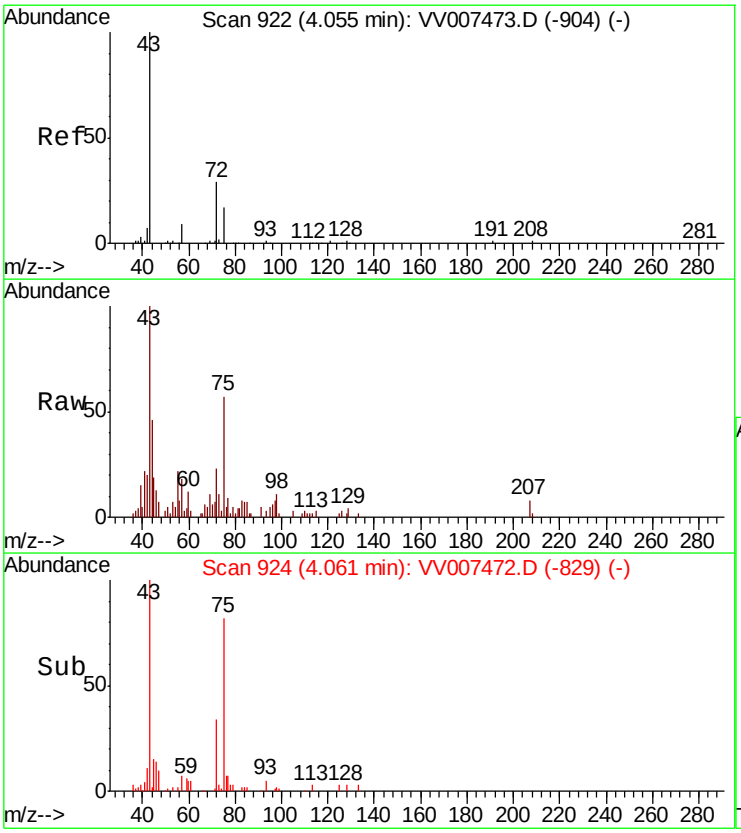

#19
1,1-Dichloroethane
Concen: 0.942 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTD00165

Tgt Ion: 63 Resp: 10516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 38.2 | 24.0 | 44.6 |
| 83 | 29.5 | 12.5 | 23.1# |

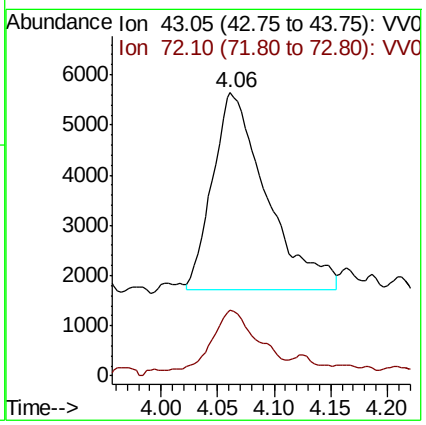


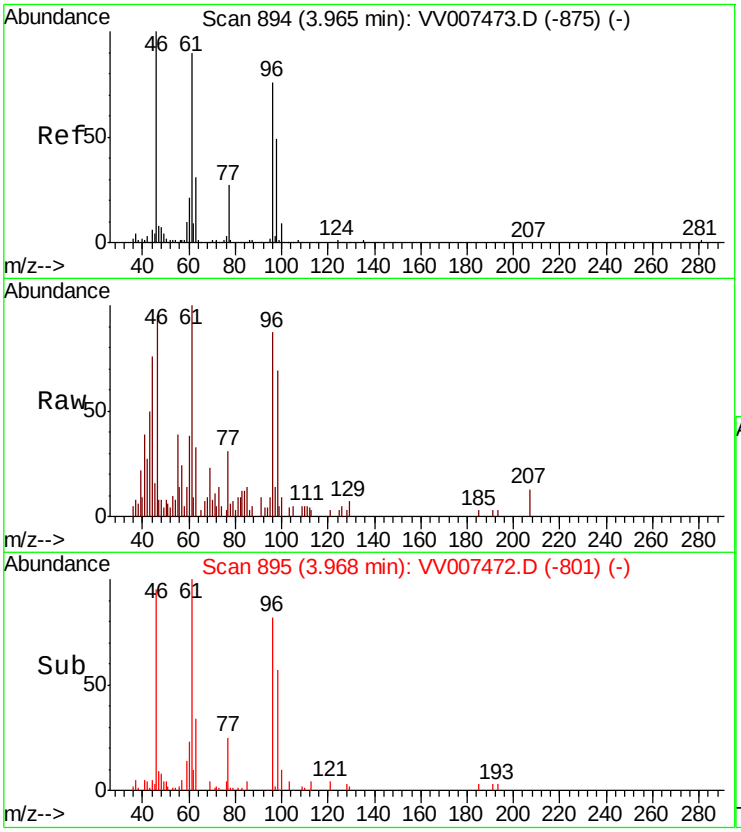




#21
2-Butanone
Concen: 9.688 ug/L
RT: 4.06 min Scan# 924
Delta R.T. 0.01 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion: 43 Resp: 13121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 25.7 | 14.8 | 44.4 |



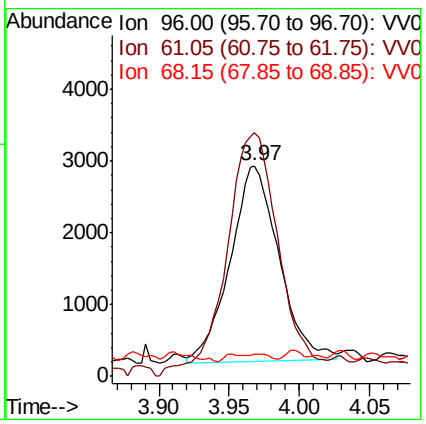


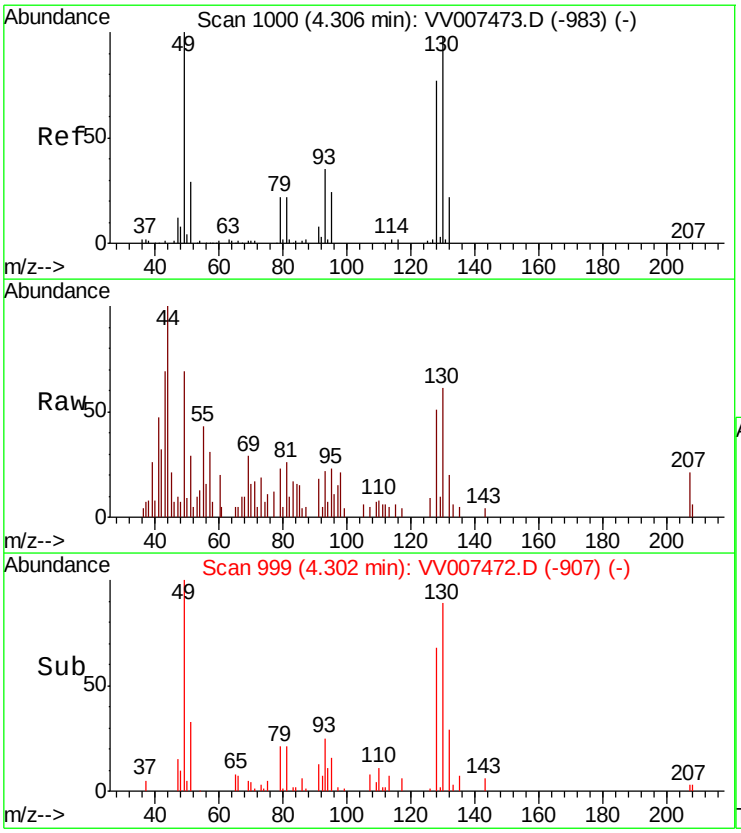

#22
cis-1,2-Dichloroethene
Concen: 0.975 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :** MSVOA_V
**ClientSampleId :** VSTD00165

Tgt Ion: 96 Resp: 6549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 115.4 | 82.6 | 153.4 |
| 68 | 10.4 | 1.2 | 2.2# |

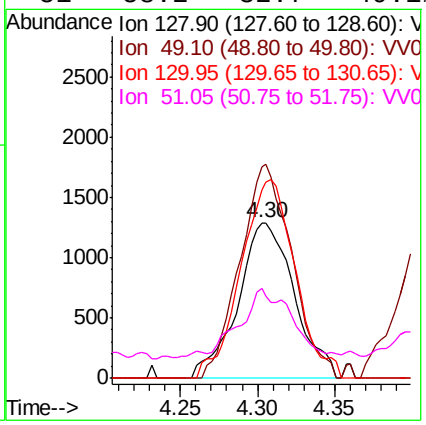


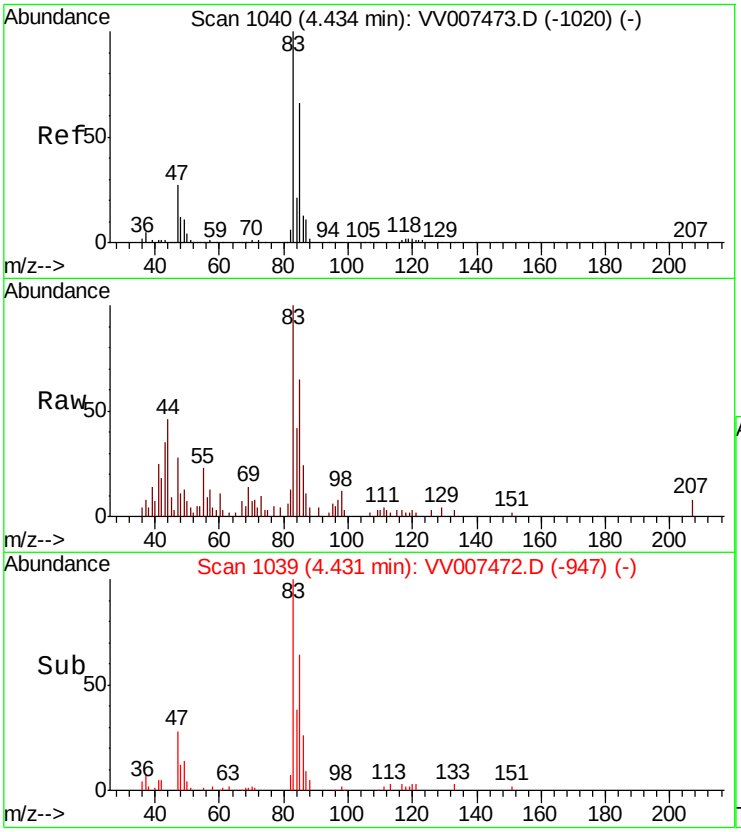




#23
Bromochloromethane
Concen: 1.012 ug/L
RT: 4.30 min Scan# 999
Delta R.T. -0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion:128 Resp: 3252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 136.0 | 91.1 | 169.1 |
| 130 | 121.1 | 89.5 | 166.1 |
| 51 | 58.2 | 32.7 | 49.1# |



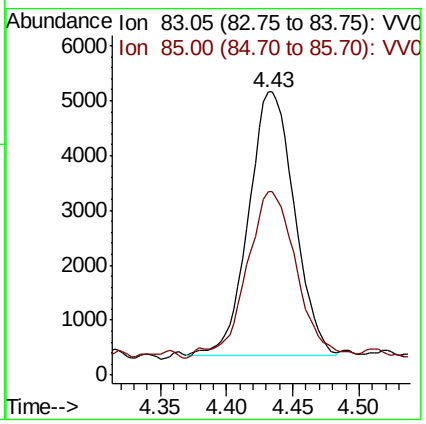


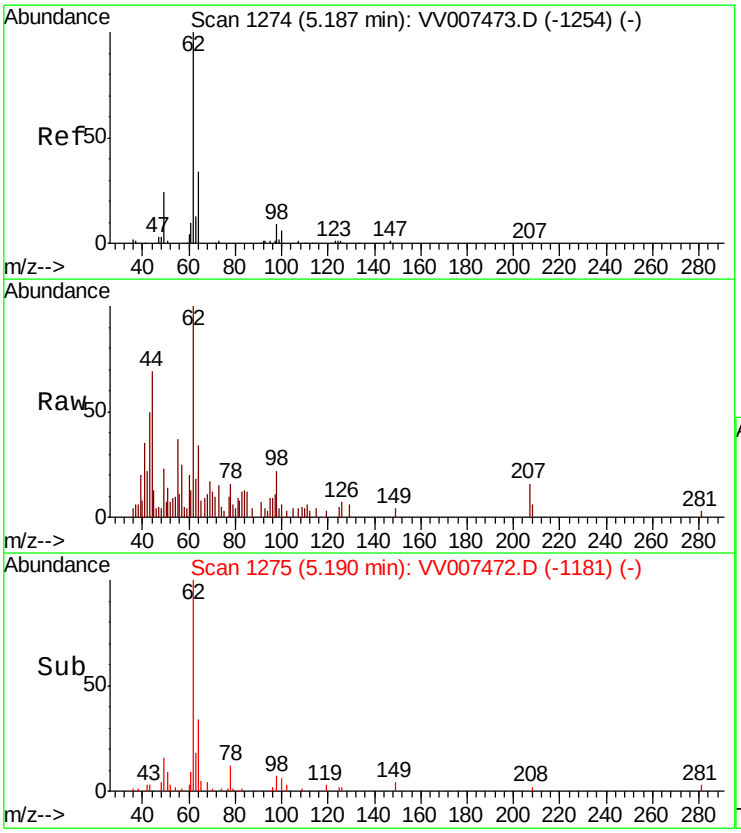

#25
Chloroform
Concen: 0.999 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :** MSVOA_V
**ClientSampleId :** VSTD00165

Tgt Ion: 83 Resp: 11494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.1 | 46.6 | 86.6 |

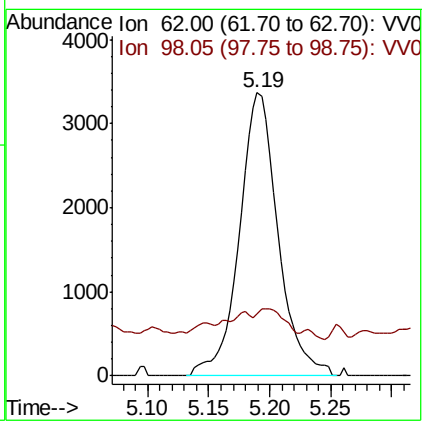


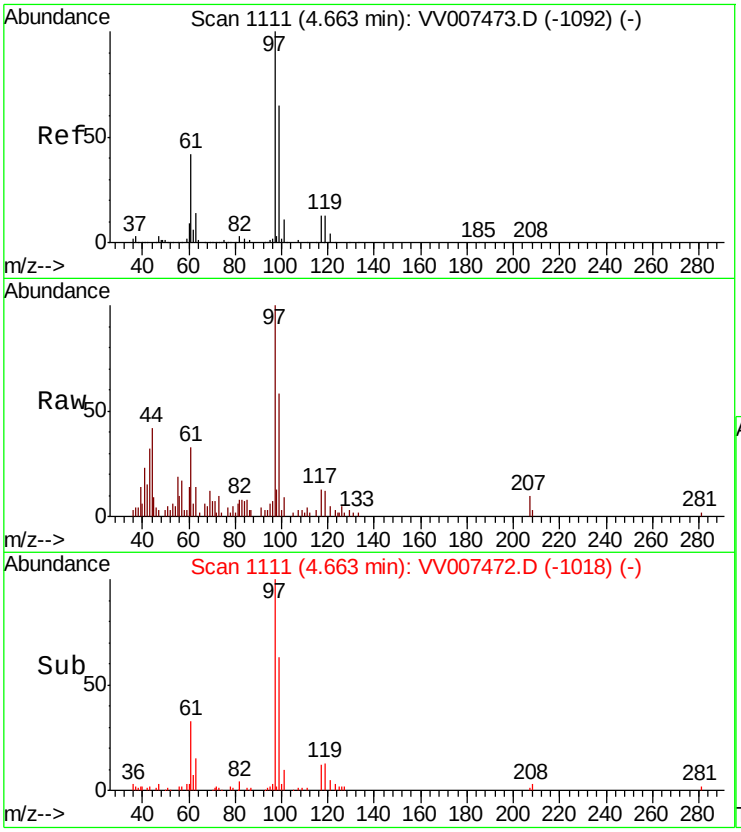




#27
1,2-Dichloroethane
Concen: 1.022 ug/L
RT: 5.19 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion: 62 Resp: 7362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 21.9 | 9.5 | 14.3# |



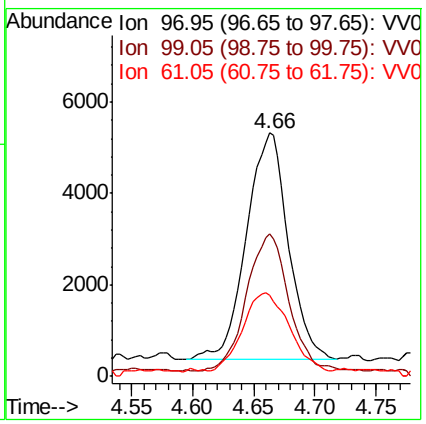


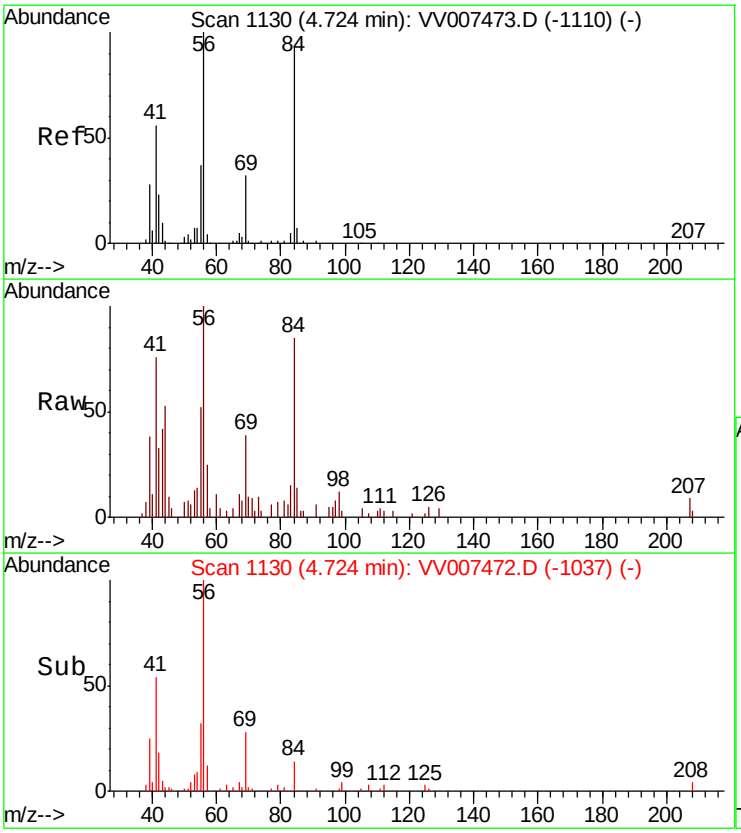

#29
1,1,1-Trichloroethane
Concen: 1.041 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTD00165

Tgt Ion: 97 Resp: 11746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 61.8 | 51.2 | 76.8 |
| 61 | 38.1 | 33.4 | 50.2 |

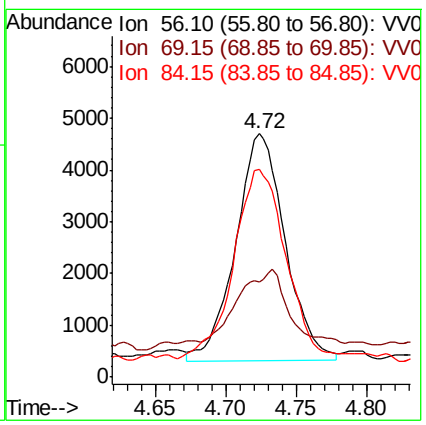


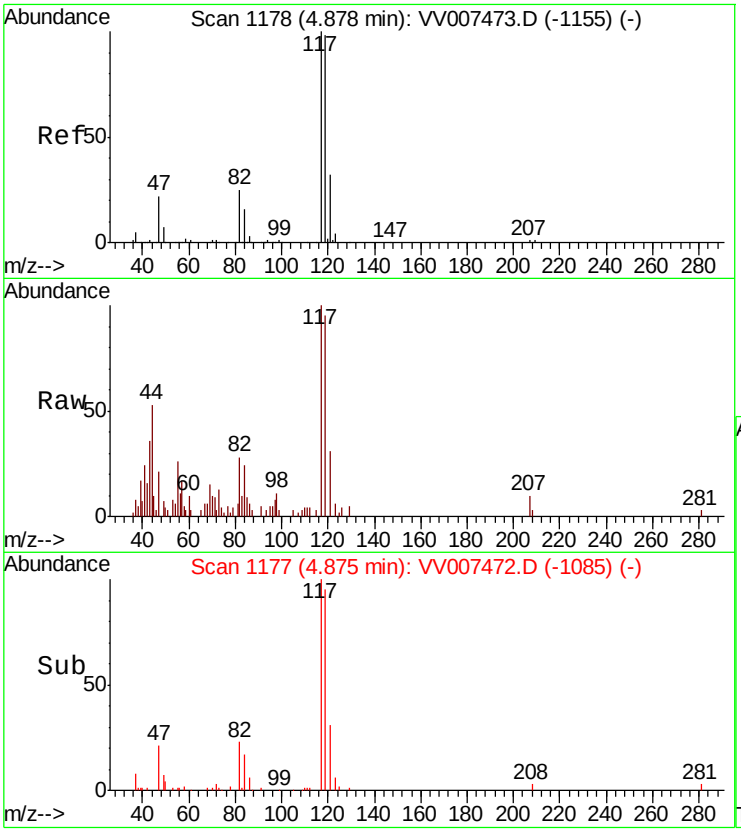




#30
Cyclohexane
Concen: 1.070 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion: 56 Resp: 10697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.5 | 26.6 | 39.8 |
| 84 | 87.8 | 73.8 | 110.8 |



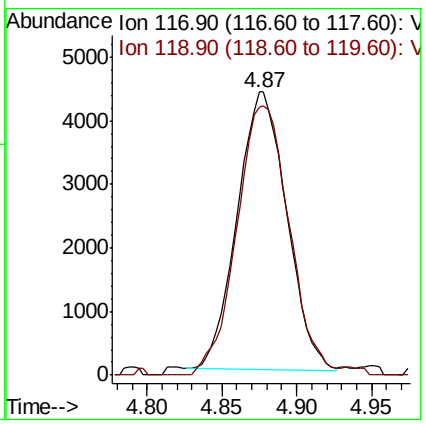


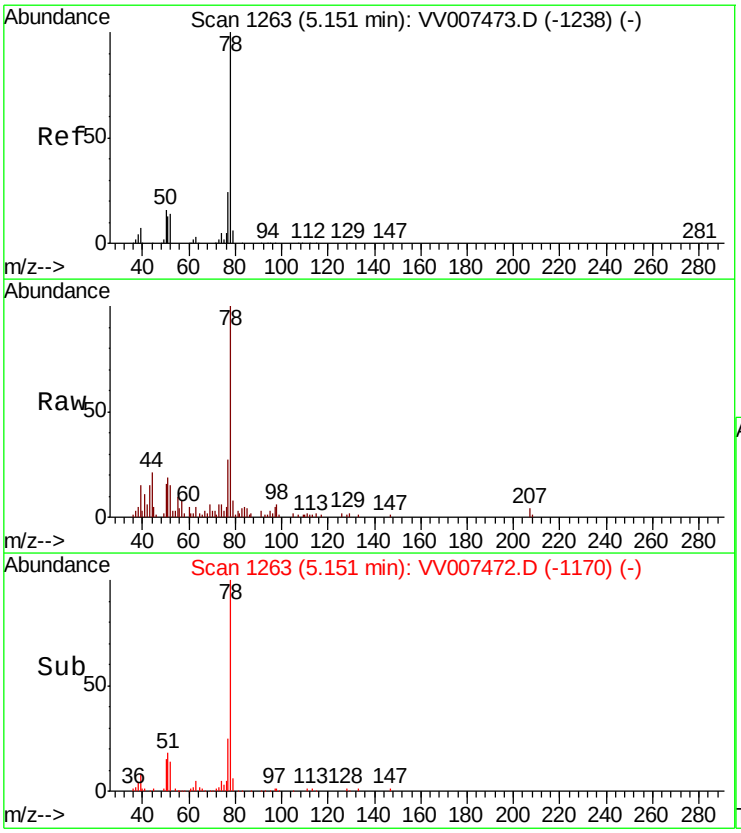

#31
Carbon tetrachloride
Concen: 0.970 ug/L
RT: 4.87 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :** MSVOA_V
**ClientSampleId :** VSTD00165

Tgt Ion:117 Resp: 10095

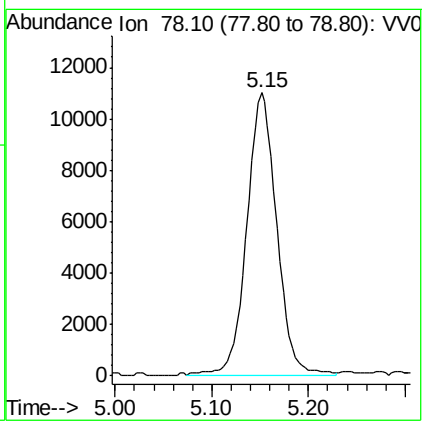
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 102.5 | 77.4 | 116.2 |

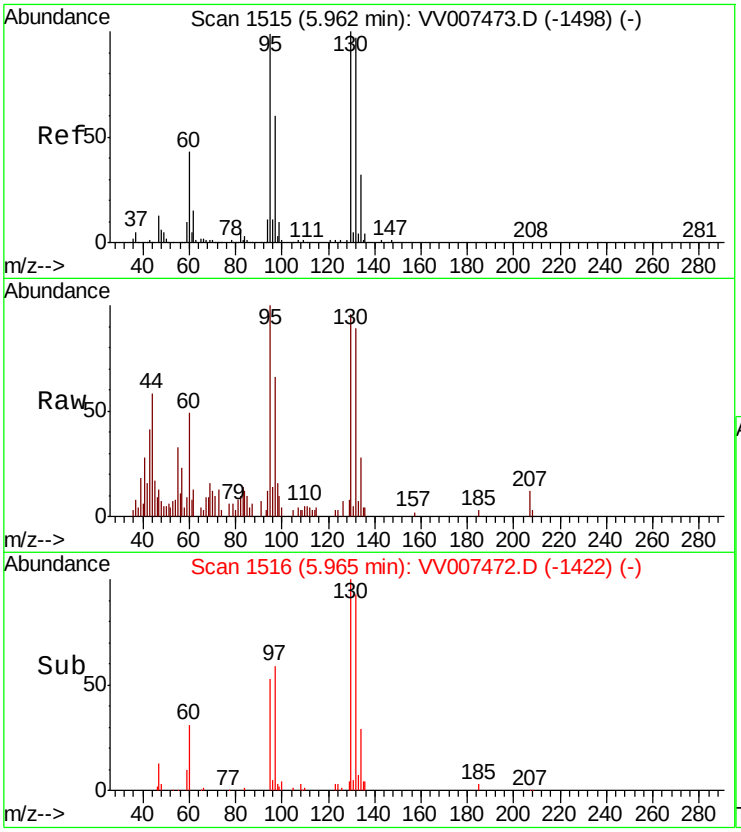



#33
Benzene
Concen: 0.998 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion: 78 Resp: 23823



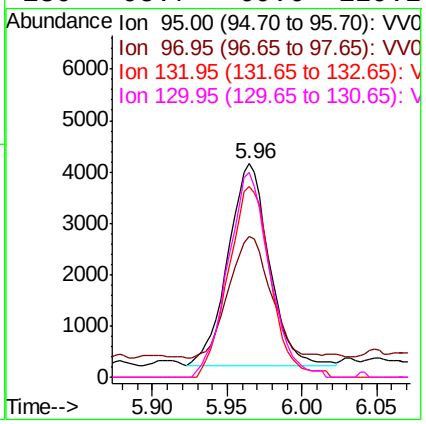


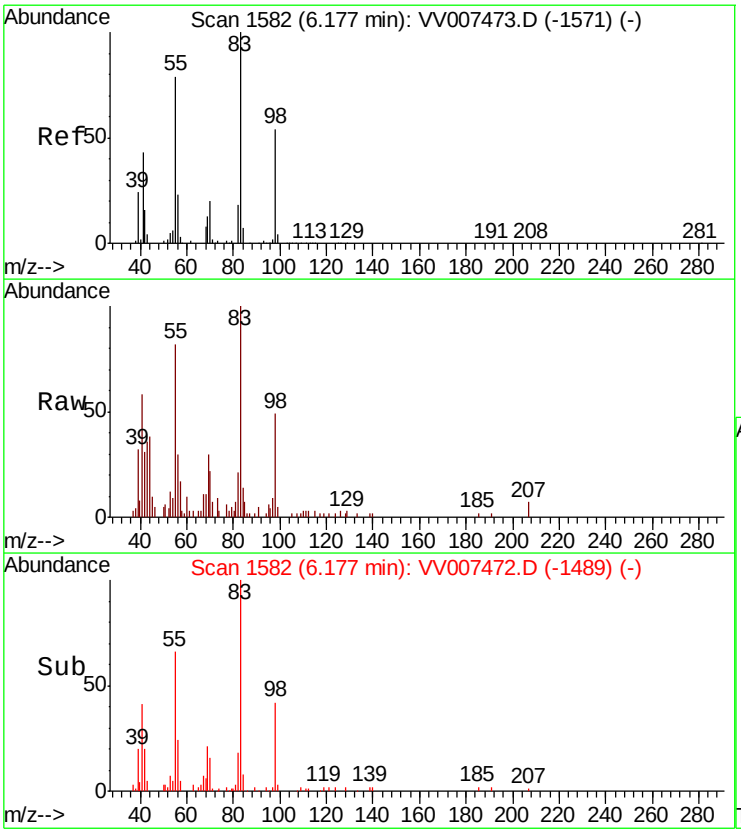

#34
Trichloroethene
Concen: 1.046 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :** MSVOA_V
**ClientSampleId :** VSTD00165

Tgt Ion: 95 Resp: 7527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 65.9 | 42.8 | 79.4 |
| 132 | 89.3 | 67.6 | 125.6 |
| 130 | 95.7 | 69.6 | 129.2 |

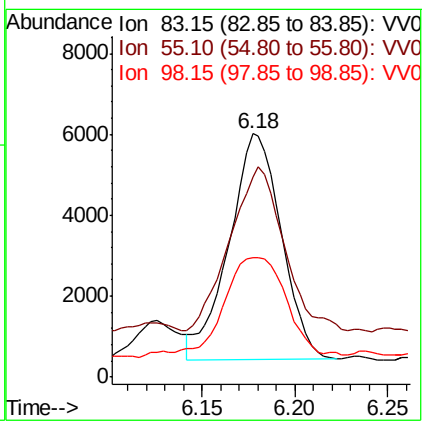


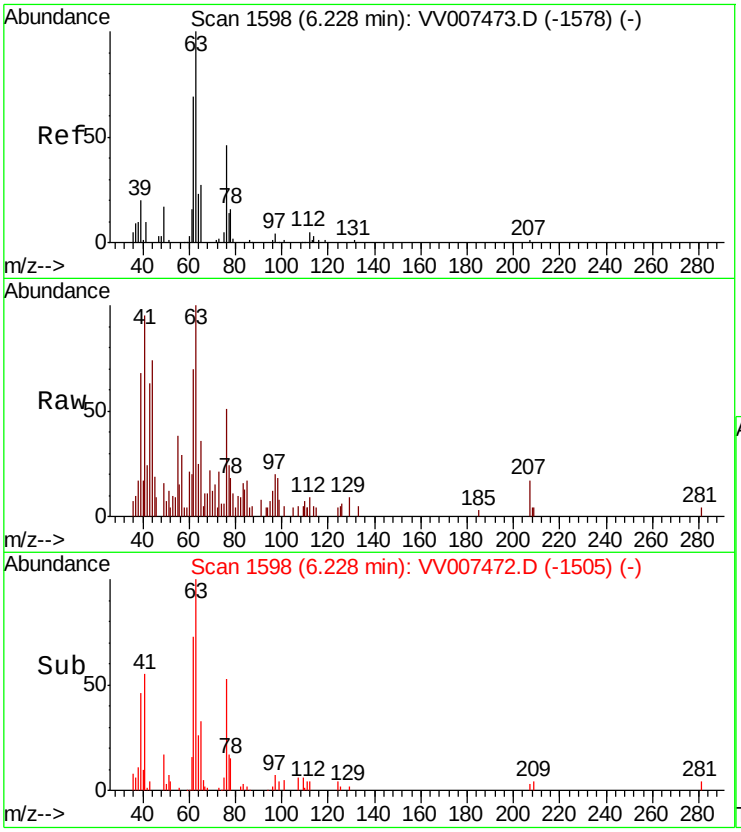




#35
Methylcyclohexane
Concen: 0.979 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion: 83 Resp: 10928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 74.7 | 57.4 | 86.0 |
| 98 | 54.0 | 38.8 | 58.2 |



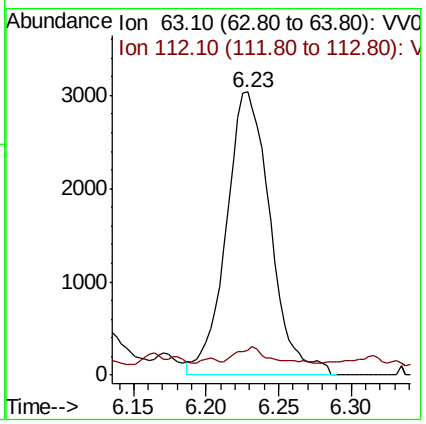


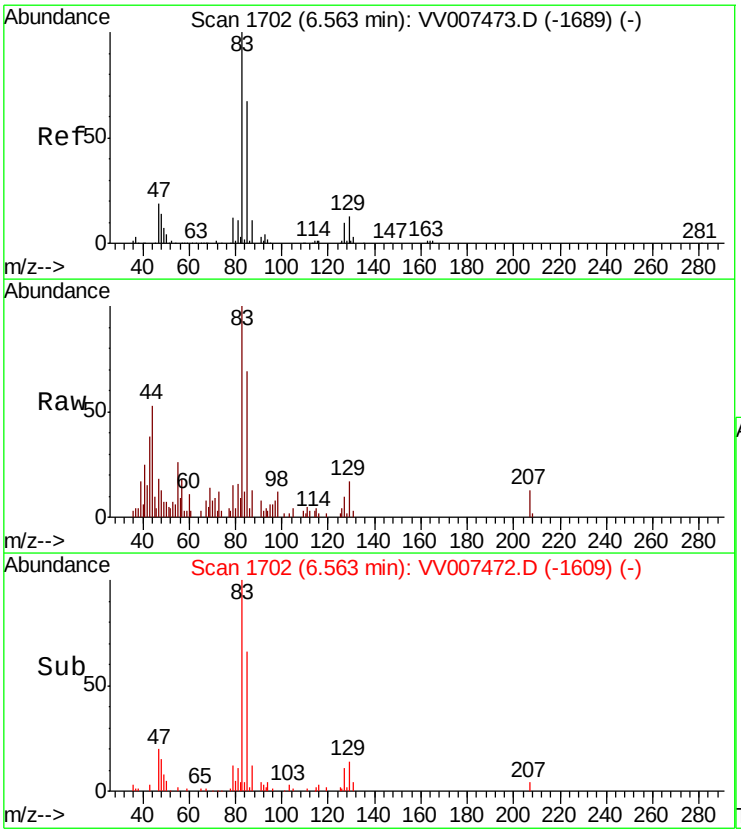

#37
1,2-Dichloropropane
Concen: 1.065 ug/L
RT: 6.23 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :** MSVOA_V
**ClientSampleId :** VSTD00165

Tgt Ion: 63 Resp: 6439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 4.0 | 3.7 | 5.5 |

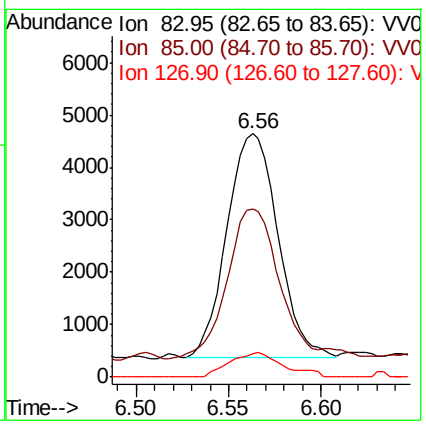


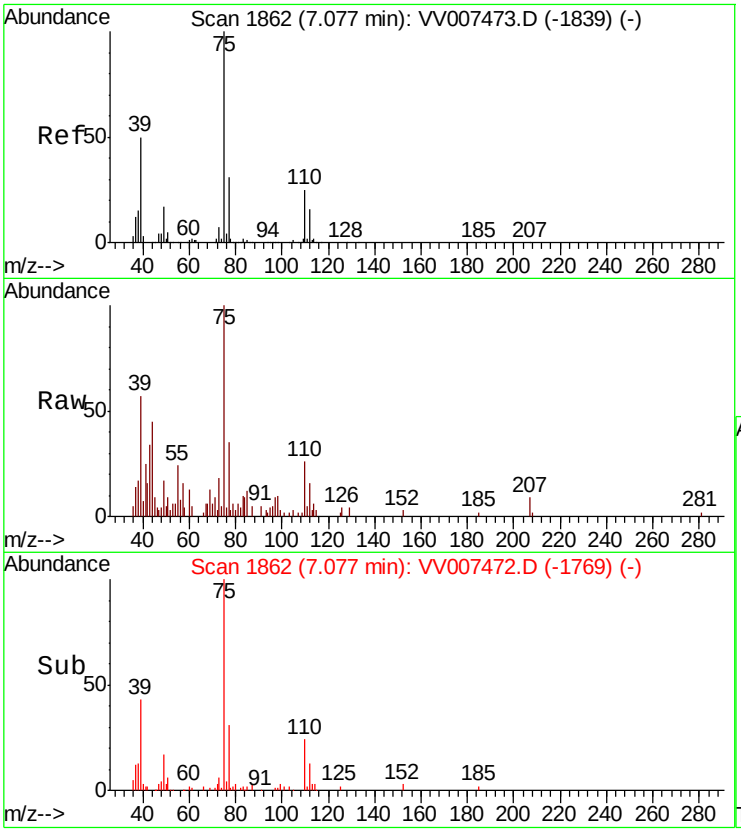




#38
Bromodichloromethane
Concen: 0.949 ug/L
RT: 6.56 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion: 83 Resp: 8115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 69.2 | 47.0 | 87.2 |
| 127 | 9.8 | 7.8 | 11.6 |



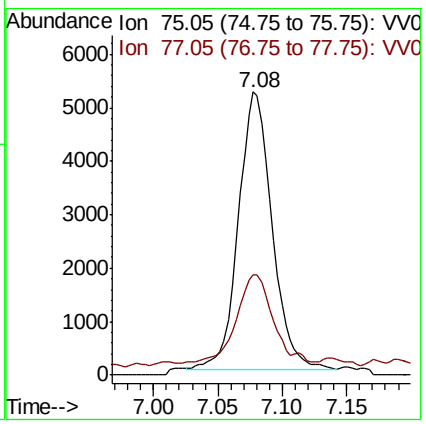


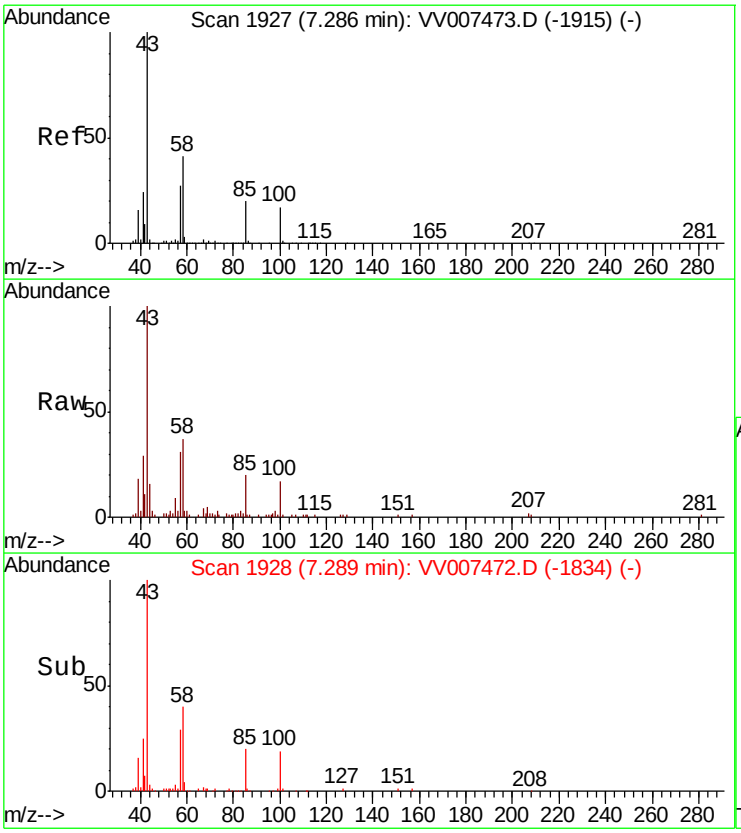

#39
cis-1,3-Dichloropropene
Concen: 0.962 ug/L
RT: 7.08 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTD00165

Tgt Ion: 75 Resp: 9358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 35.4 | 22.7 | 42.1 |

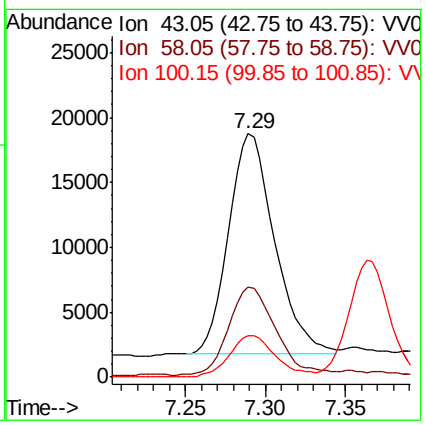


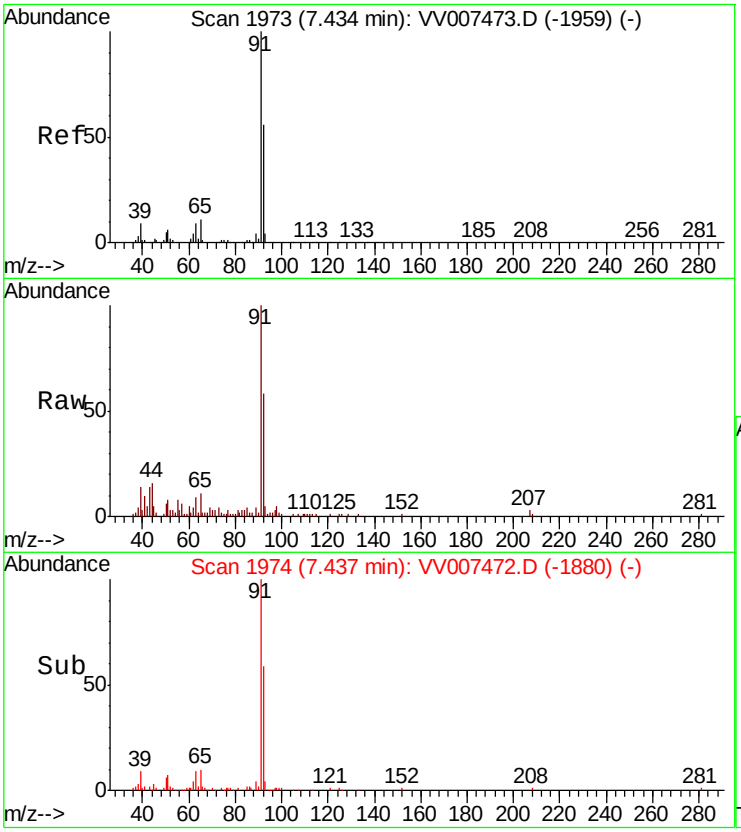




#40
4-Methyl-2-pentanone
Concen: 9.668 ug/L
RT: 7.29 min Scan# 1928
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion: 43 Resp: 33284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.8 | 32.2 | 48.2 |
| 100 | 19.1 | 13.6 | 20.4 |



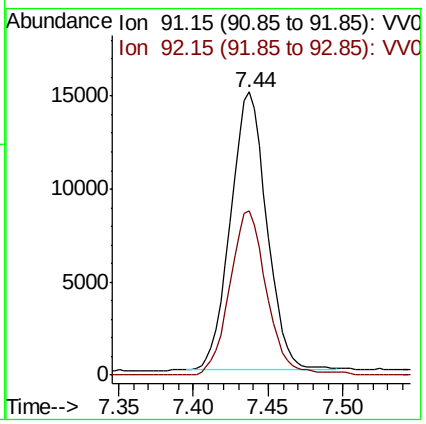


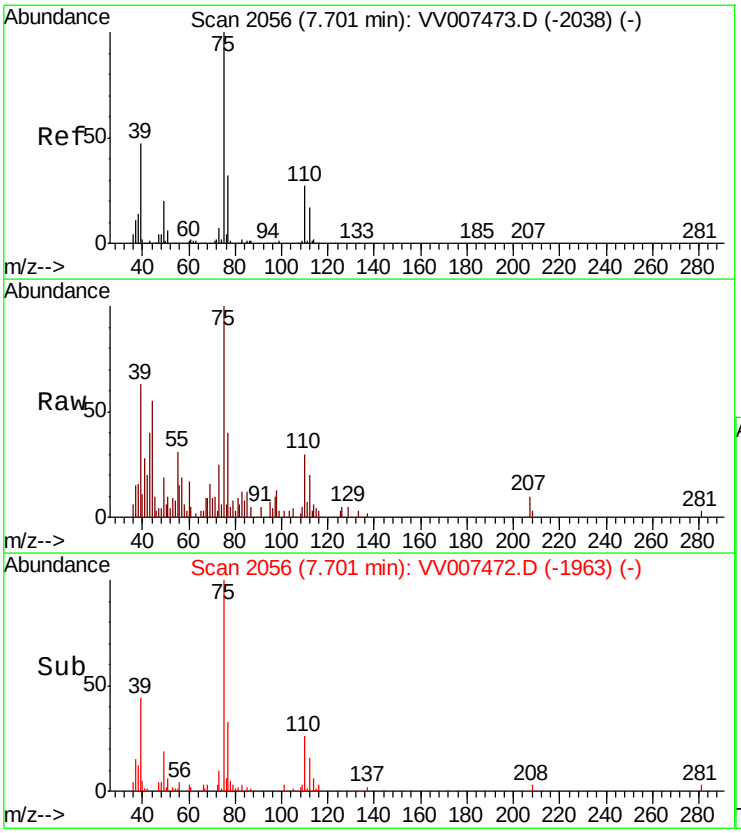

#42
Toluene
Concen: 0.955 ug/L
RT: 7.44 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTD00165

Tgt Ion: 91 Resp: 25234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 57.8 | 38.9 | 72.2 |

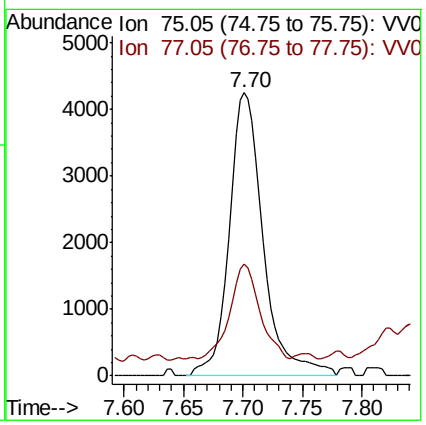


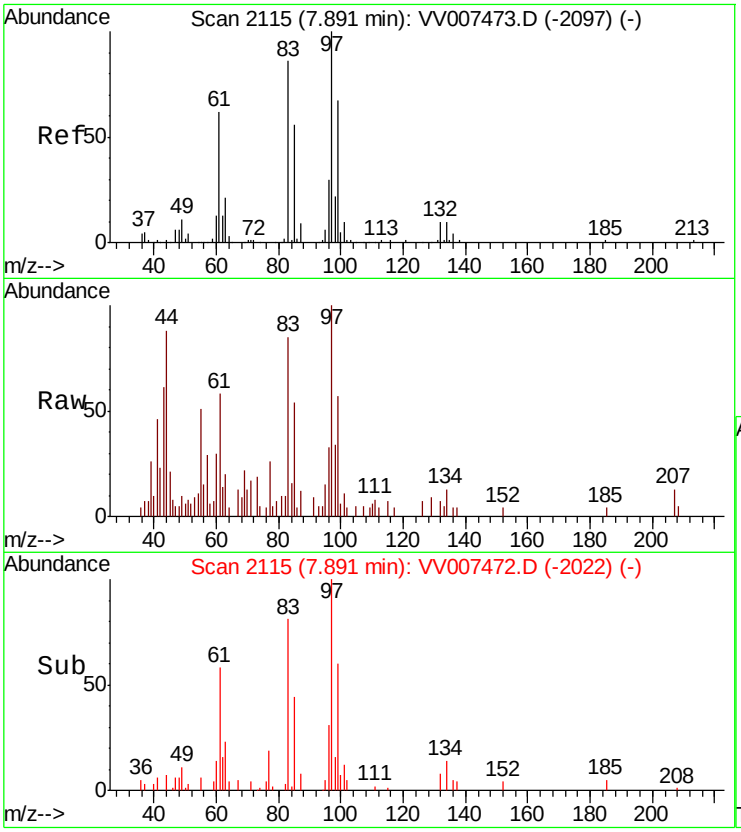




#44
trans-1,3-Dichloropropene
Concen: 1.031 ug/L
RT: 7.70 min Scan# 2056
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion: 75 Resp: 8416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 39.6 | 23.0 | 42.8 |



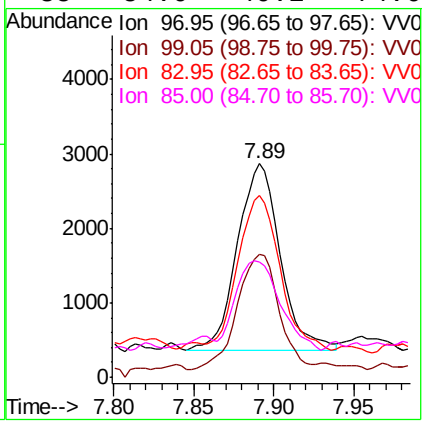


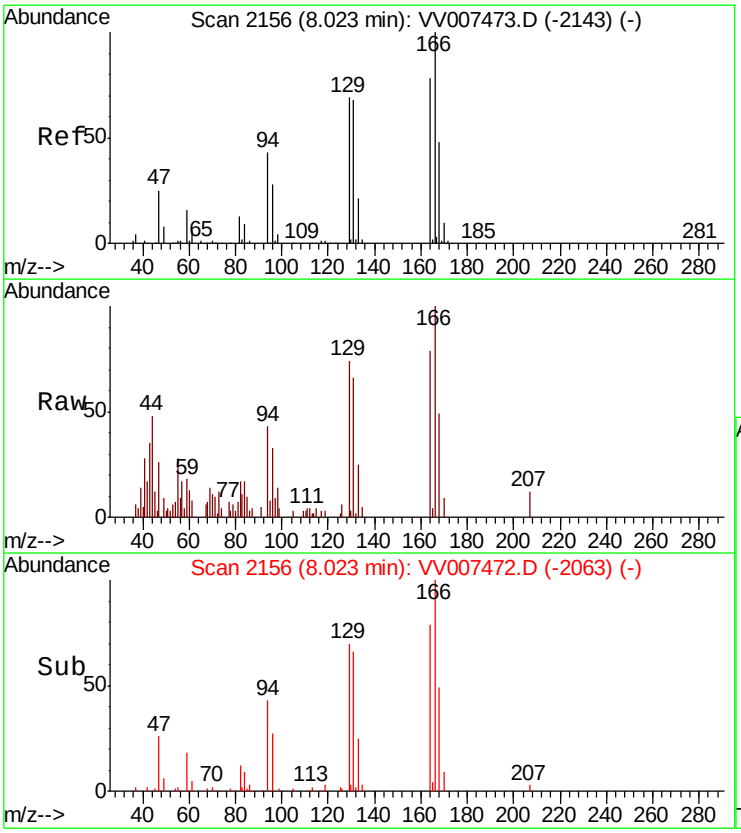

#45
1,1,2-Trichloroethane
Concen: 1.005 ug/L
RT: 7.89 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTD00165

Tgt Ion: 97 Resp: 4599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 57.5 | 46.2 | 85.8 |
| 83 | 85.1 | 60.5 | 112.3 |
| 85 | 54.0 | 40.2 | 74.6 |

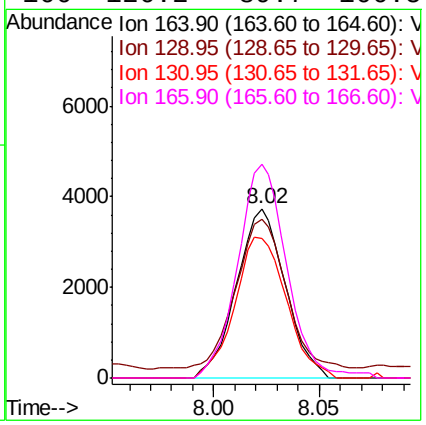


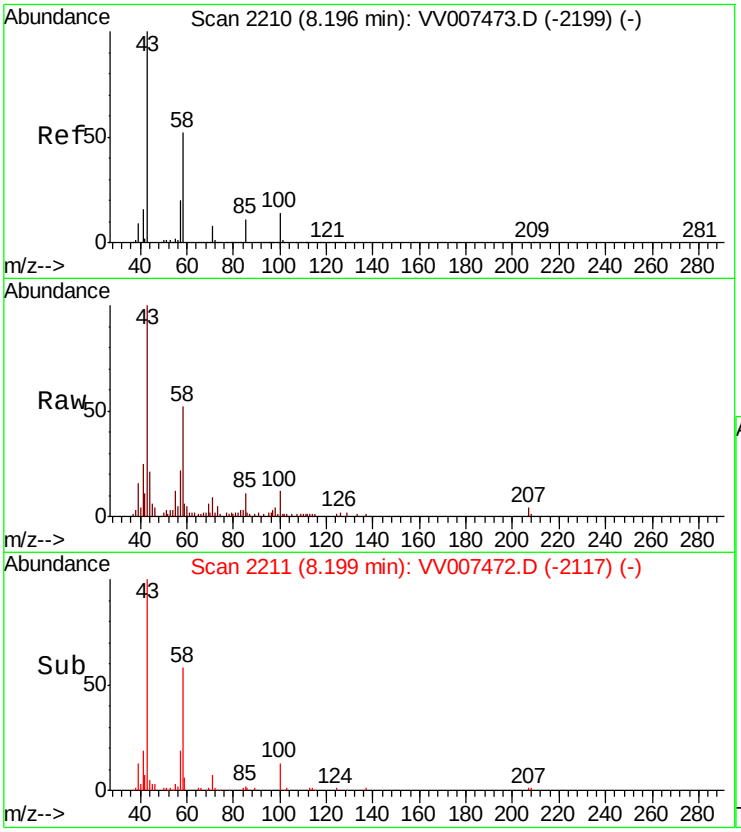




#47
Tetrachloroethene
Concen: 0.974 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion:164 Resp: 5999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 93.6 | 62.7 | 116.5 |
| 131 | 82.8 | 60.5 | 112.5 |
| 166 | 126.2 | 89.7 | 166.5 |



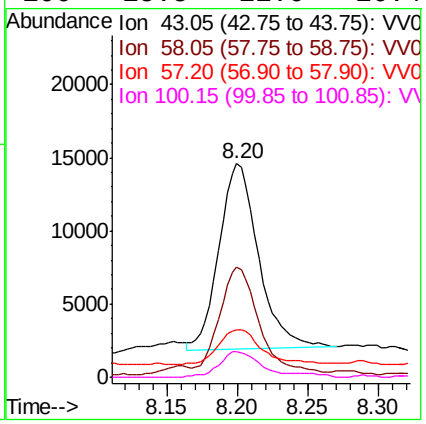


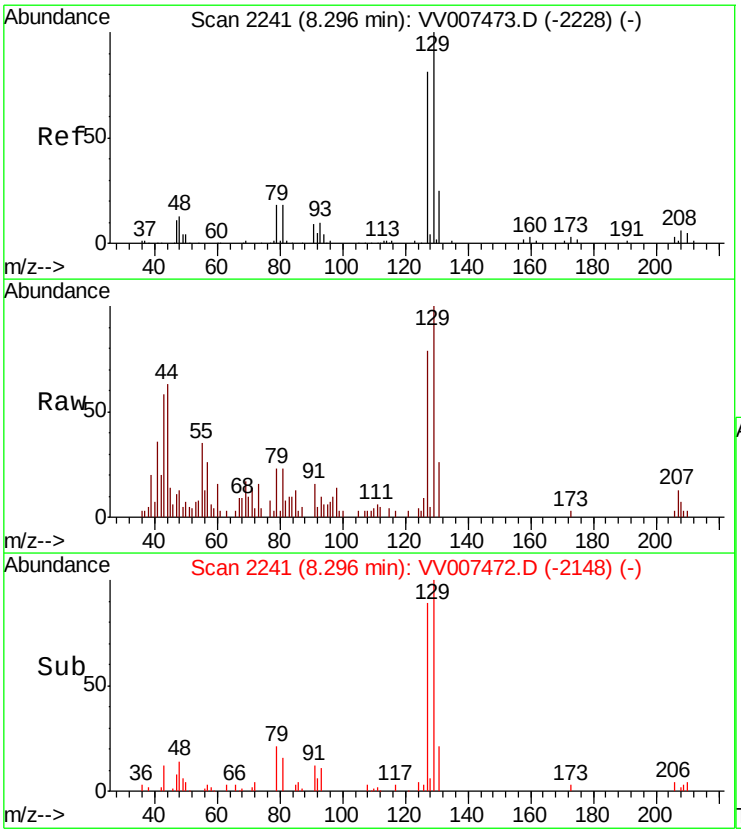

#48
2-Hexanone
Concen: 9.889 ug/L
RT: 8.20 min Scan# 2211
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :** MSVOA_V
**ClientSampleId :** VSTD00165

Tgt Ion: 43 Resp: 24782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 58.7 | 47.9 | 71.9 |
| 57 | 21.2 | 16.2 | 24.2 |
| 100 | 15.5 | 11.0 | 16.4 |

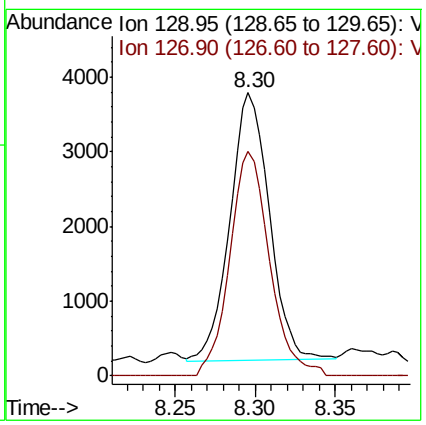


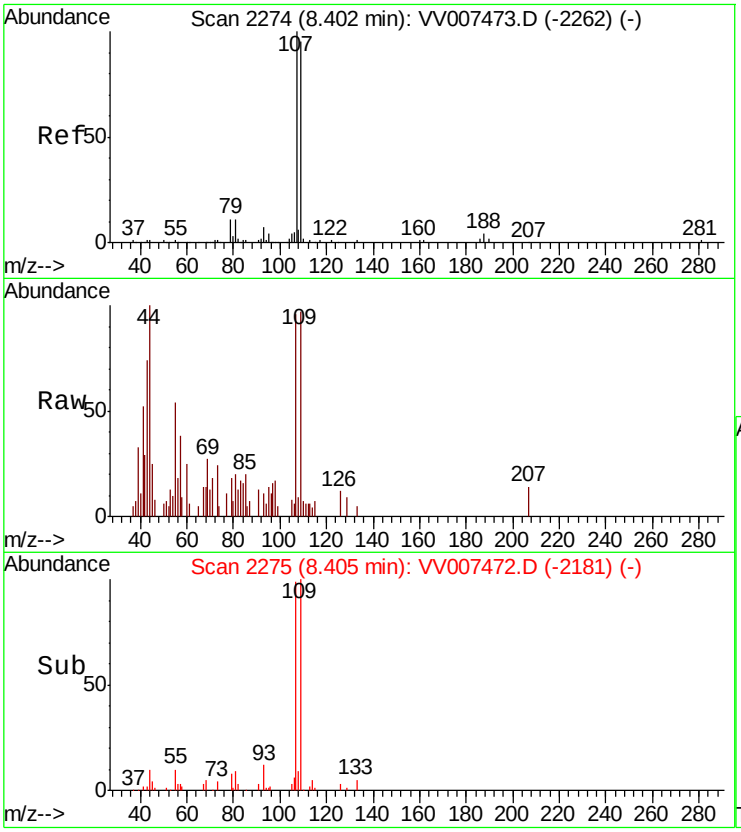




#49
Dibromochloromethane
Concen: 0.944 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion:129 Resp: 5975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 79.3 | 56.3 | 104.5 |



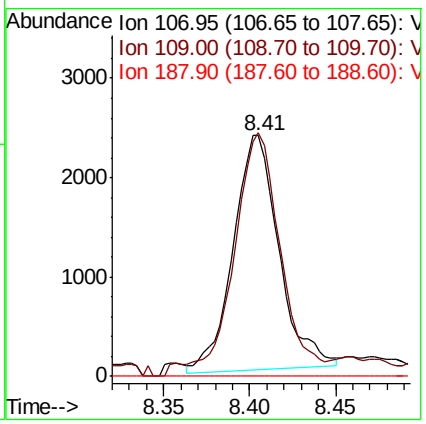


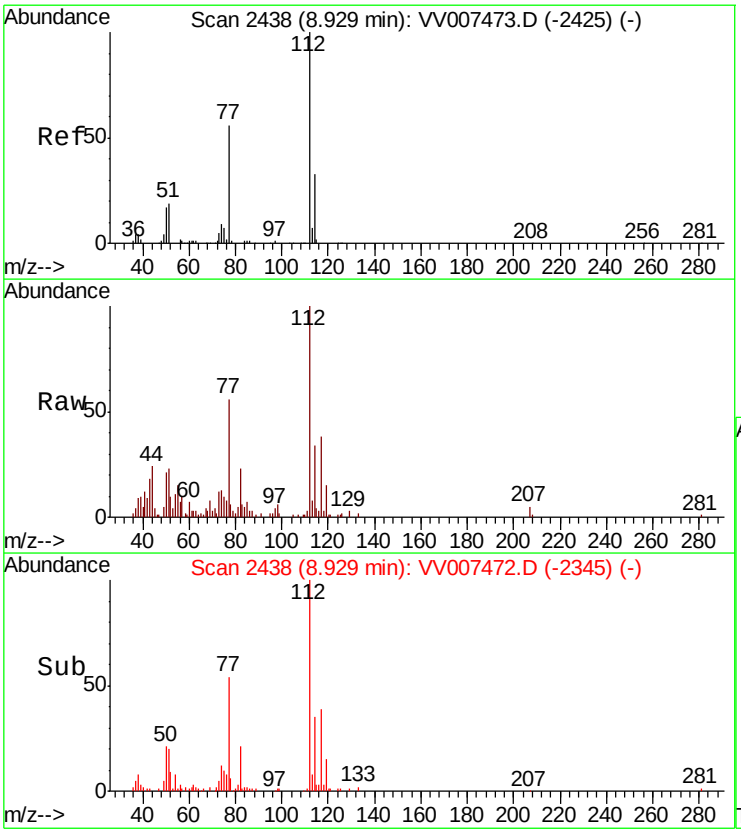

#50
1,2-Dibromoethane
Concen: 0.978 ug/L
RT: 8.41 min Scan# 2275
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTD00165

Tgt Ion:107 Resp: 4368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 101.1 | 67.1 | 124.5 |
| 188 | 0.0 | 3.2 | 4.8# |

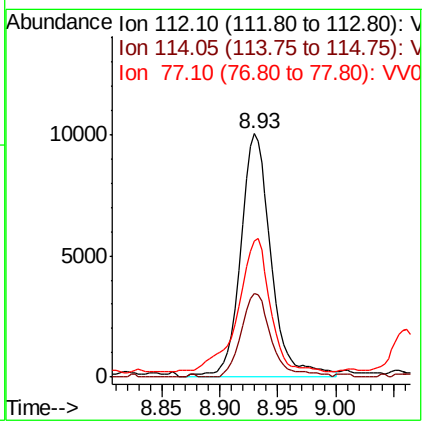


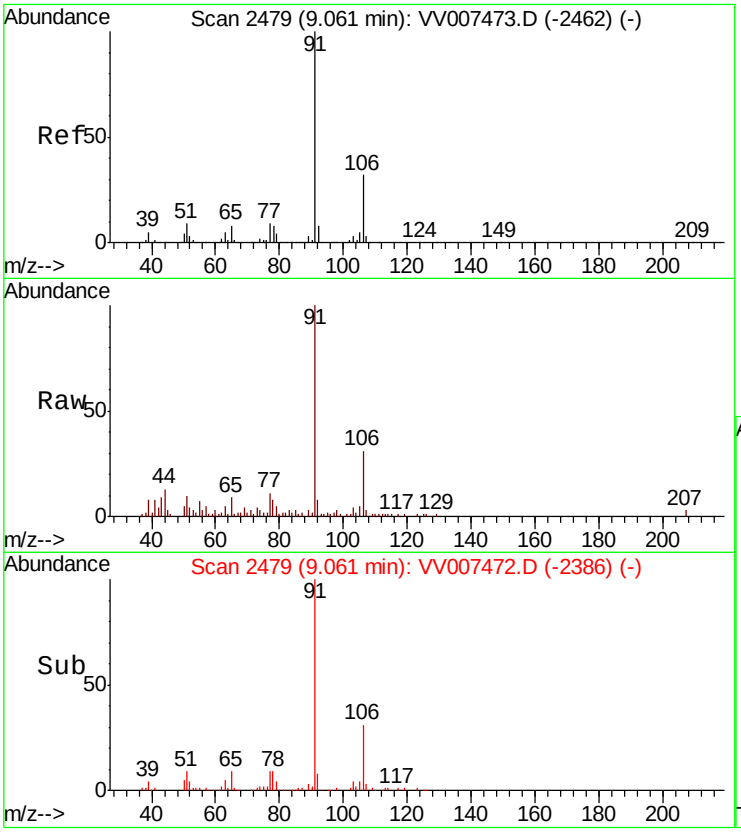




#51
Chlorobenzene
Concen: 1.023 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion:112 Resp: 18367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 34.4 | 22.8 | 42.4 |
| 77 | 55.7 | 45.4 | 68.0 |



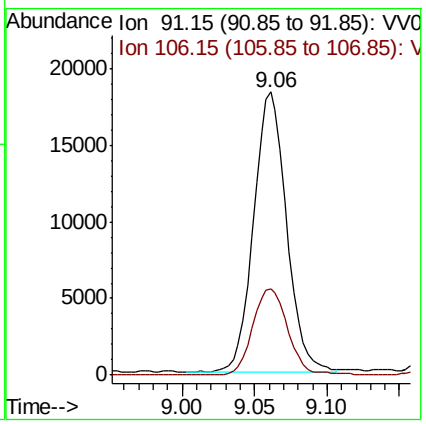


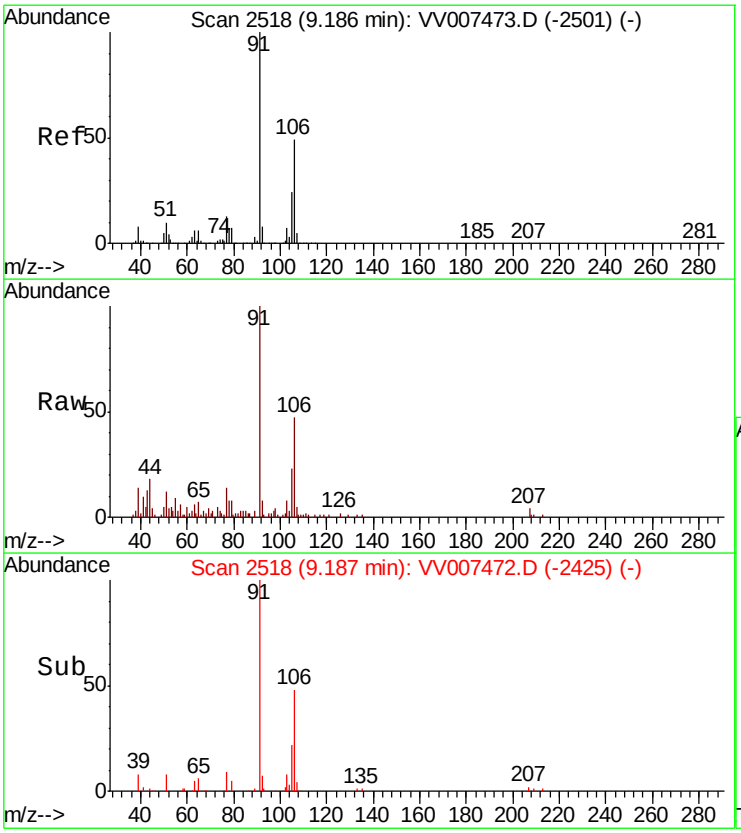

#52
Ethylbenzene
Concen: 0.957 ug/L
RT: 9.06 min Scan# 2479
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :** MSVOA_V
**ClientSampleId :** VSTD00165

Tgt Ion: 91 Resp: 28841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.6 | 22.7 | 42.1 |

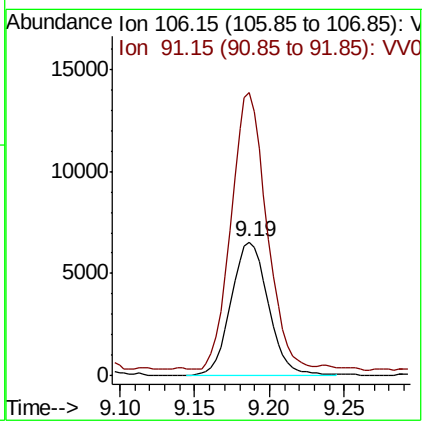


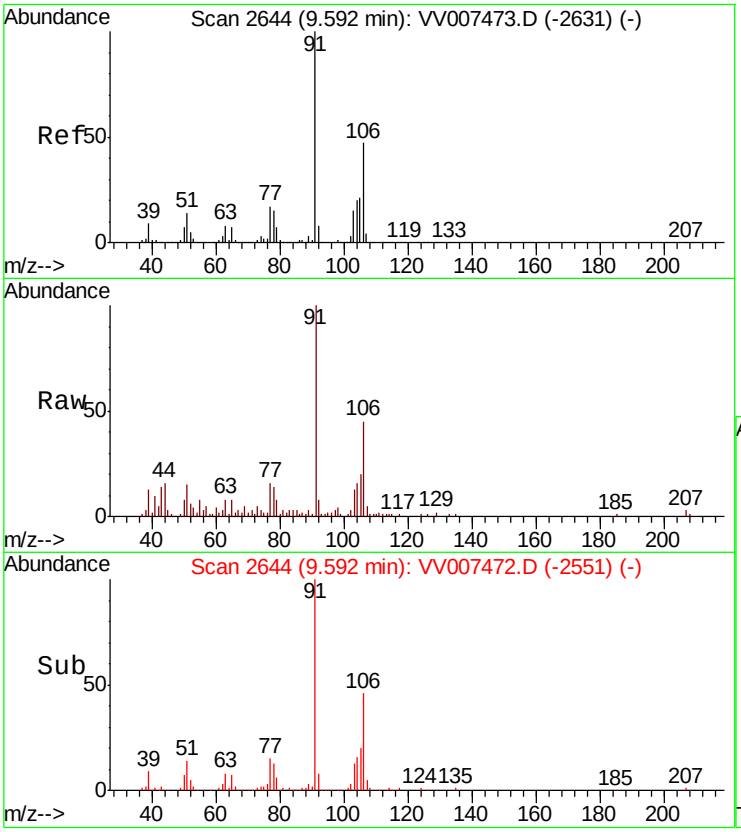




#53
m,p-xylene
Concen: 0.979 ug/L
RT: 9.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion:106 Resp: 11474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 211.5 | 142.3 | 264.3 |



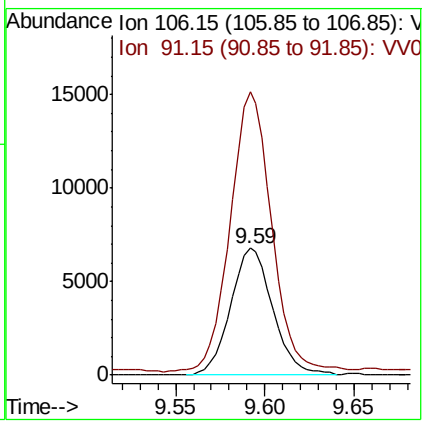


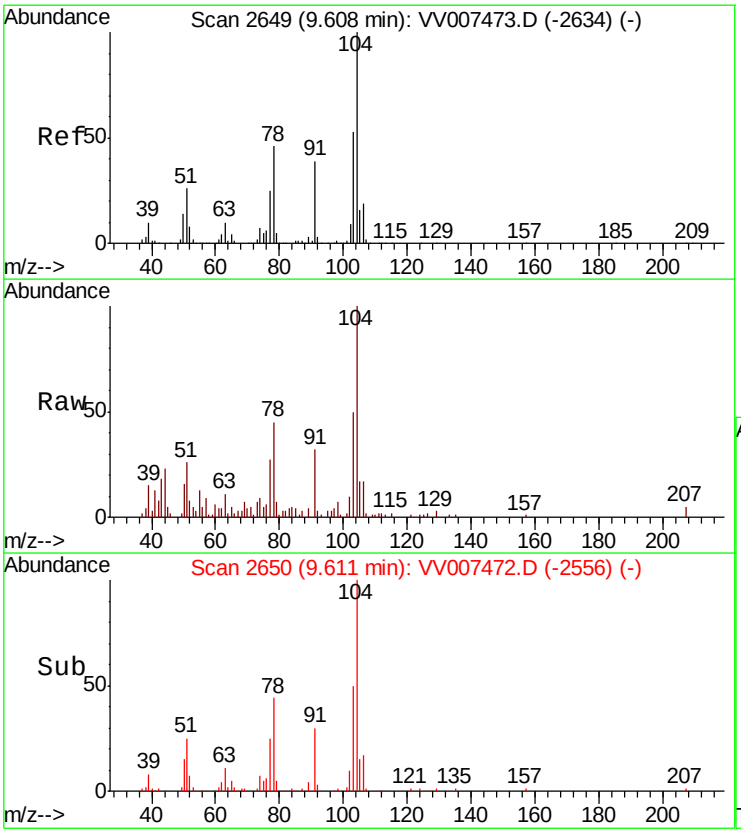

#54
o-xylene
Concen: 0.977 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTD00165

Tgt Ion:106 Resp: 11180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 223.1 | 149.9 | 278.3 |

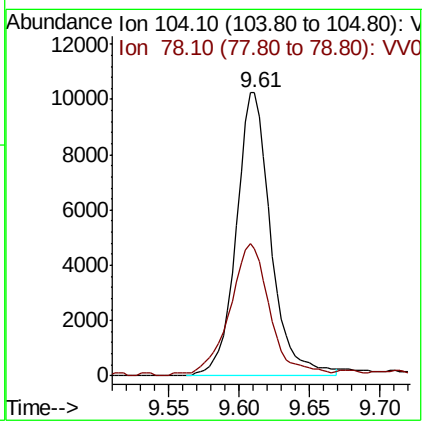


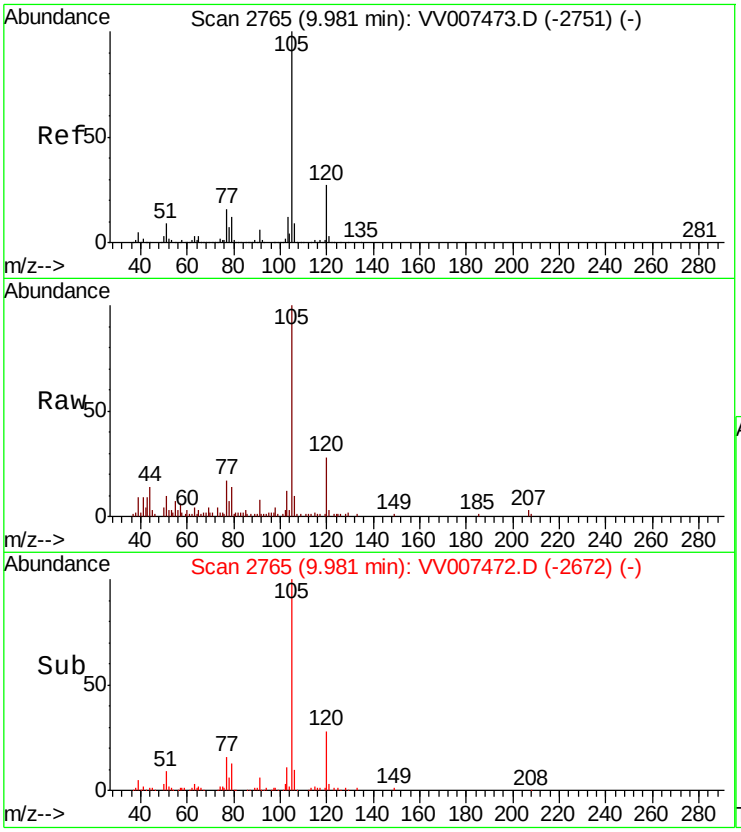




#55
Styrene
Concen: 0.943 ug/L
RT: 9.61 min Scan# 2650
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion:104 Resp: 17679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 45.1 | 32.4 | 60.2 |



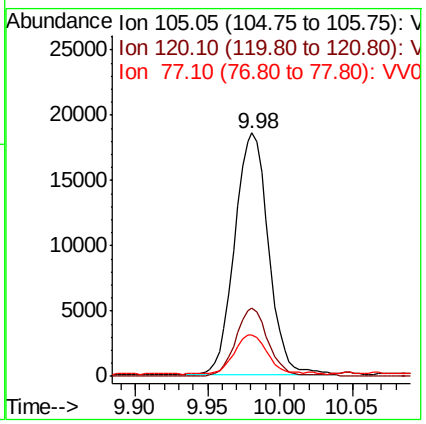


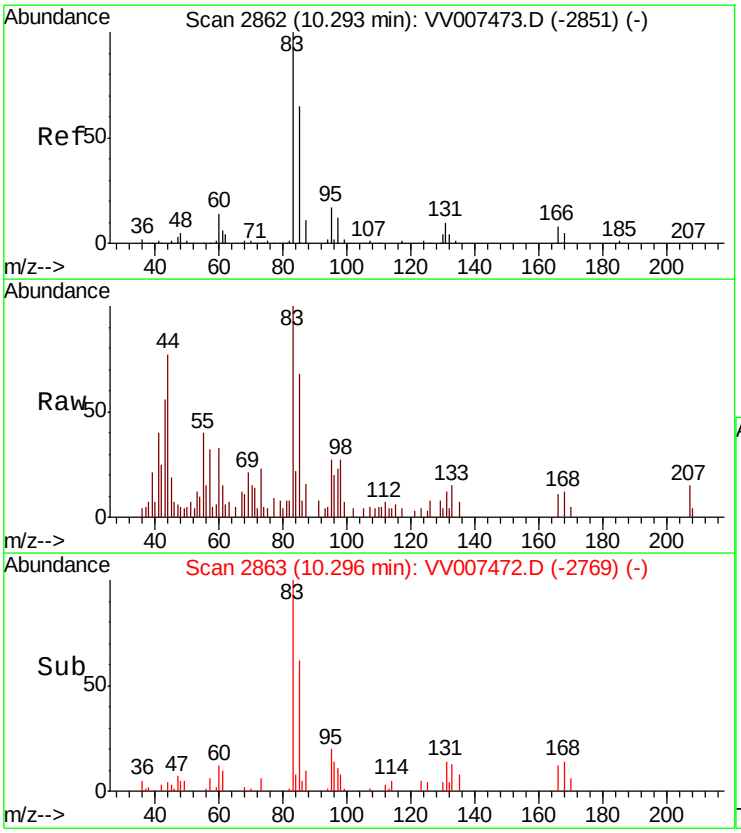

#56
Isopropylbenzene
Concen: 0.976 ug/L
RT: 9.98 min Scan# 2765
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :** MSVOA_V
**ClientSampleId :** VSTD00165

Tgt Ion:105 Resp: 30066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.9 | 21.8 | 32.8 |
| 77 | 15.9 | 12.6 | 18.8 |

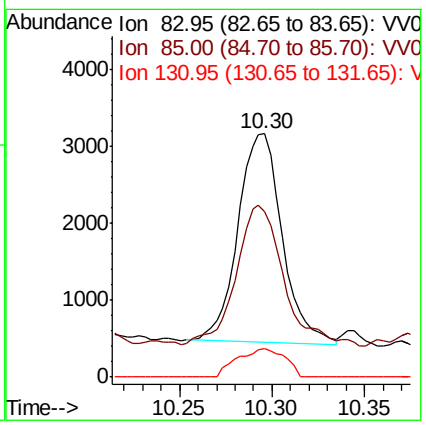


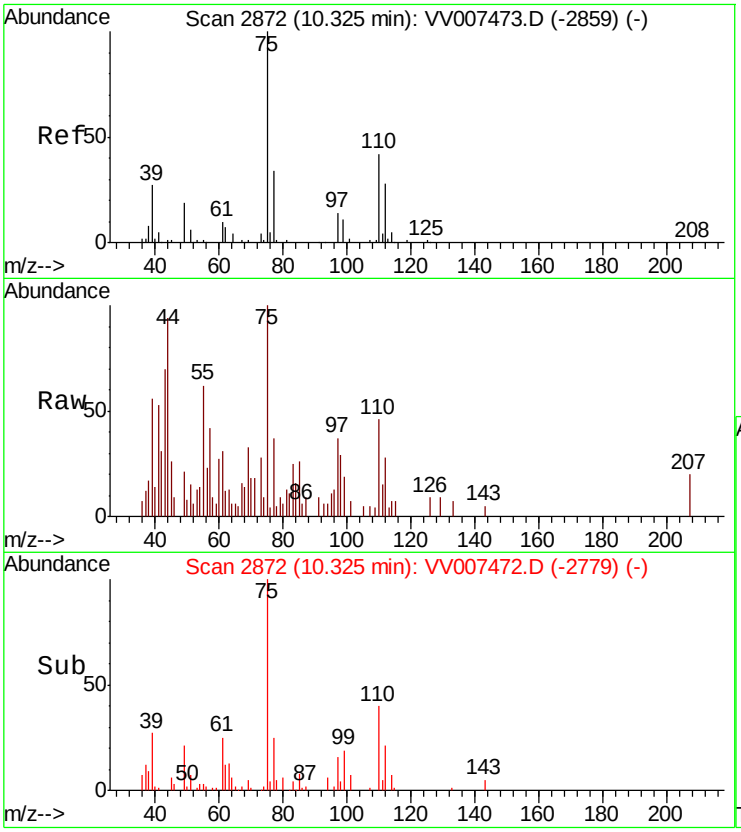




#58
1,1,2,2-Tetrachloroethane
Concen: 0.903 ug/L
RT: 10.30 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion: 83 Resp: 4530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 67.8 | 48.2 | 89.4 |
| 131 | 11.6 | 8.9 | 13.3 |



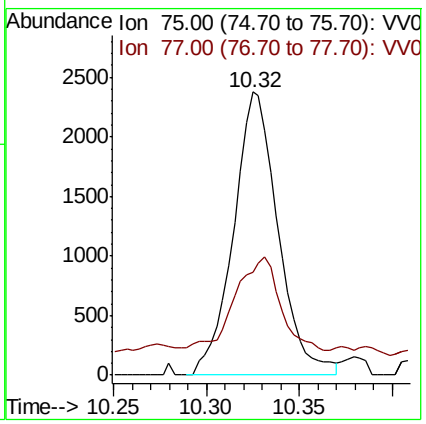


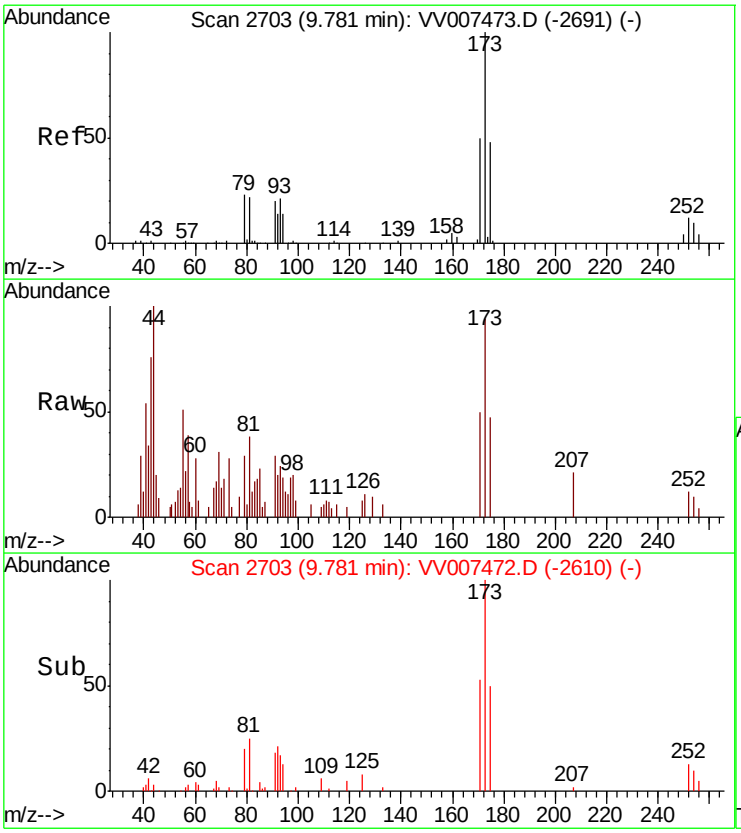

#59
1,2,3-Trichloropropane
Concen: 1.036 ug/L
RT: 10.32 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTD00165

Tgt Ion: 75 Resp: 3989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.8 | 25.4 | 38.0 |

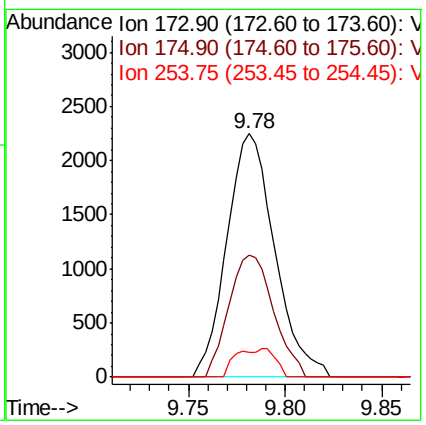


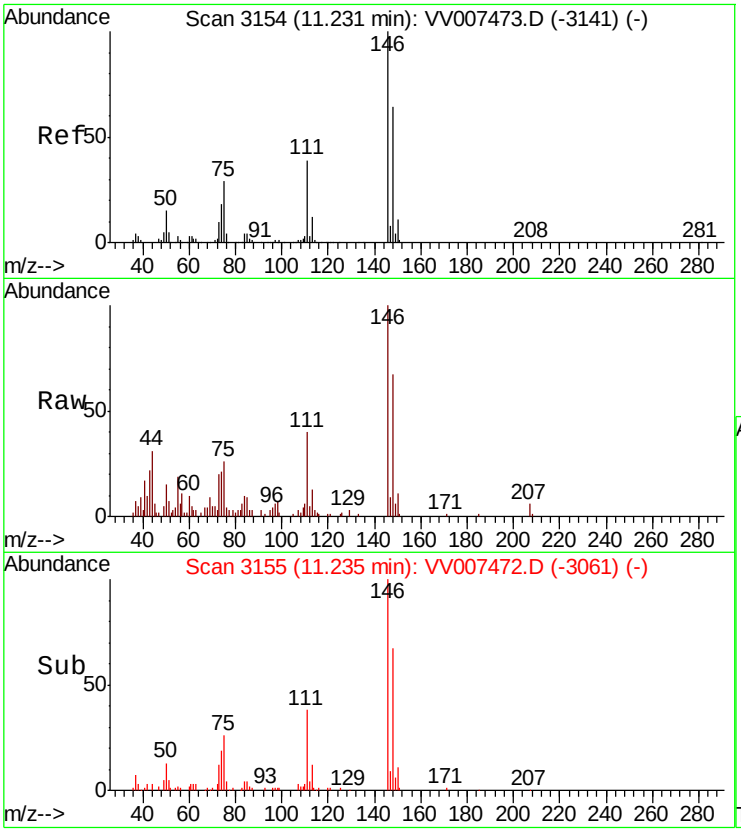




#61
Bromoform
Concen: 0.991 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion:173 Resp: 3867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 46.7 | 40.5 | 60.7 |
| 254 | 9.6 | 9.2 | 13.8 |



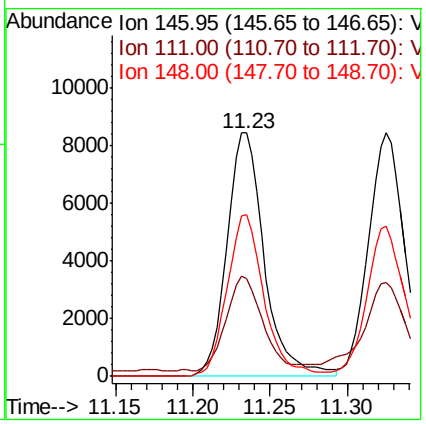


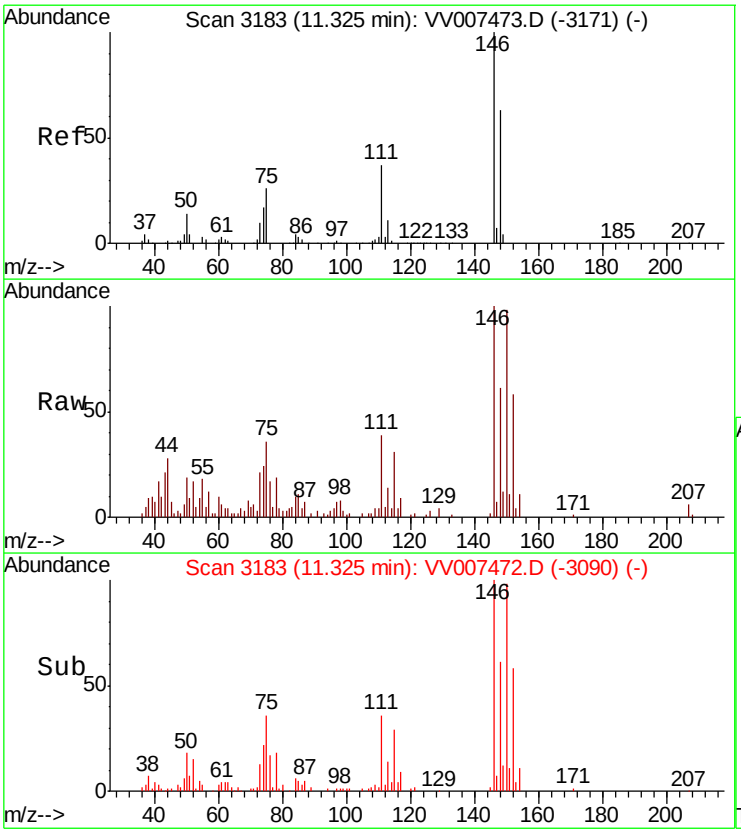

#62
1,3-Dichlorobenzene
Concen: 0.985 ug/L
RT: 11.23 min Scan# 3155
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :** MSVOA_V
**ClientSampleId :** VSTD00165

Tgt Ion:146 Resp: 14105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.1 | 27.4 | 51.0 |
| 148 | 66.7 | 45.1 | 83.7 |

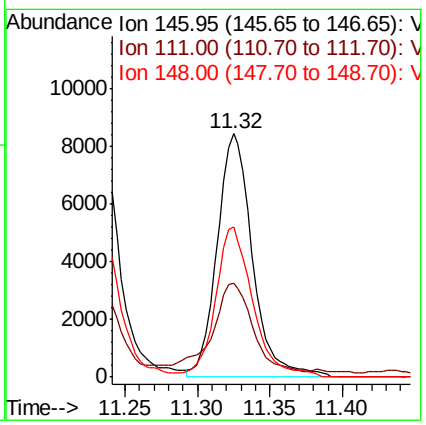


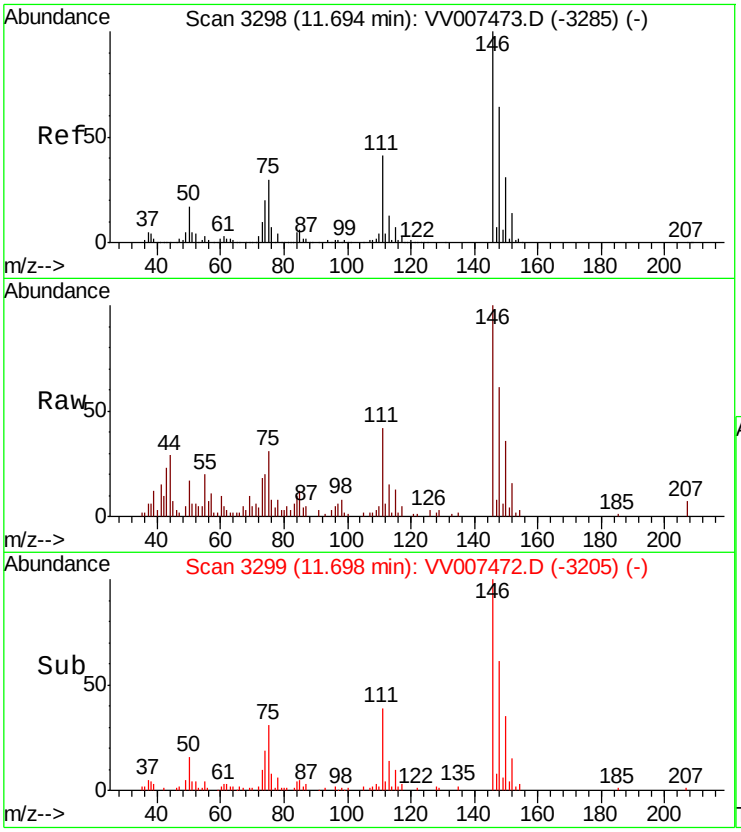




#63
1,4-Dichlorobenzene
Concen: 1.003 ug/L
RT: 11.32 min Scan# 3183
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion:146 Resp: 14312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.6 | 26.6 | 49.4 |
| 148 | 61.5 | 44.2 | 82.2 |



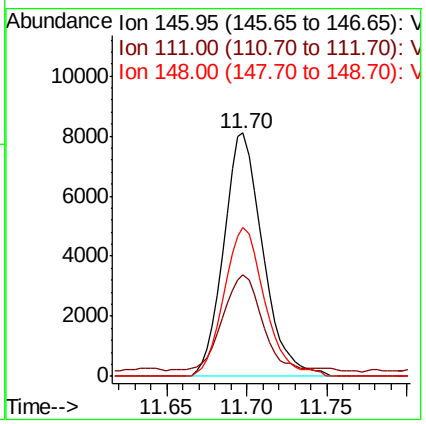


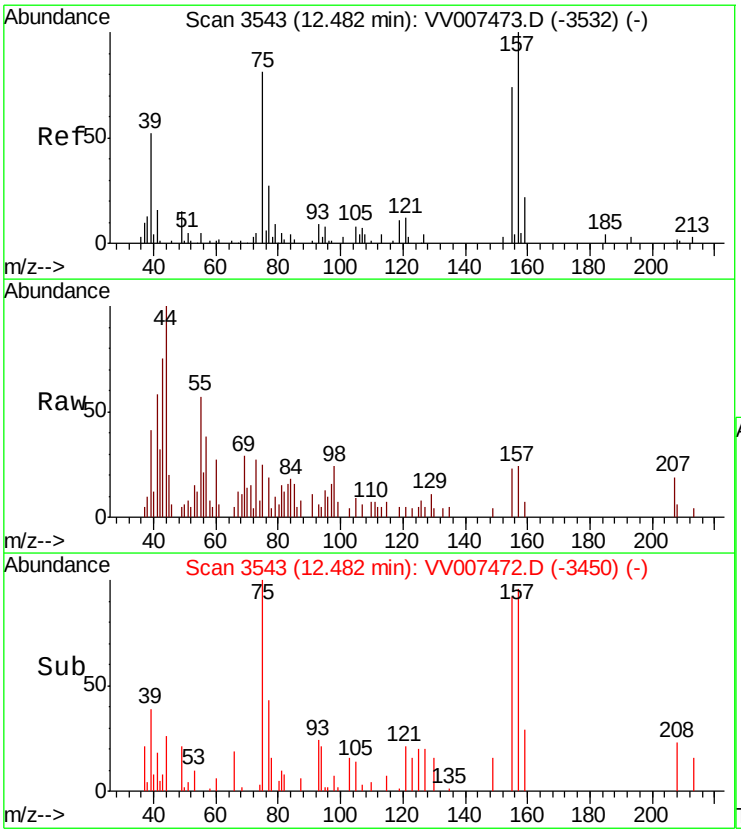

#65
1,2-Dichlorobenzene
Concen: 1.002 ug/L
RT: 11.70 min Scan# 3299
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :** MSVOA_V
**ClientSampleId :** VSTD00165

Tgt Ion:146 Resp: 13482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.6 | 33.0 | 49.4 |
| 148 | 61.1 | 51.3 | 76.9 |

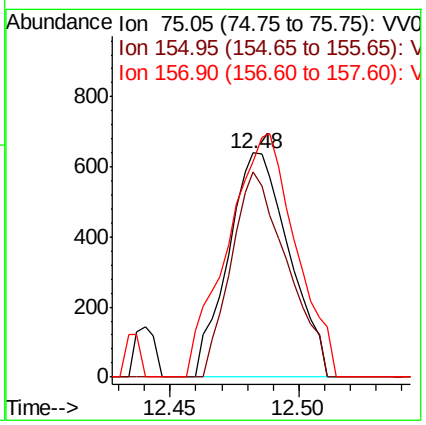


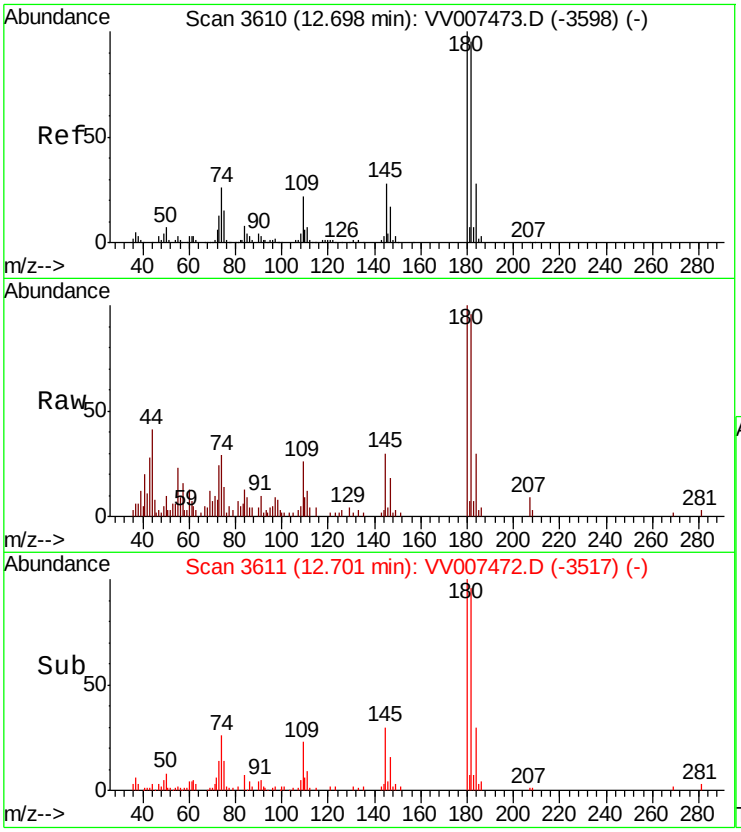




#66
1,2-Dibromo-3-chloropropane
Concen: 1.055 ug/L
RT: 12.48 min Scan# 3543
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion: 75 Resp: 1055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 91.7 | 73.3 | 109.9 |
| 157 | 96.2 | 99.4 | 149.0# |



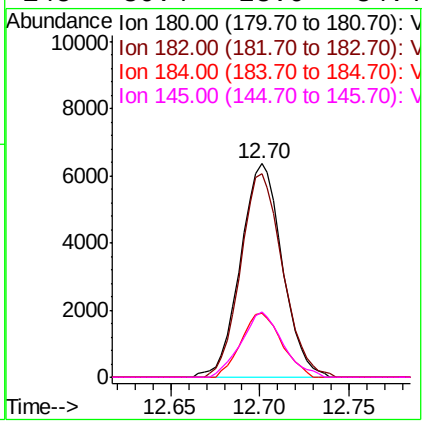


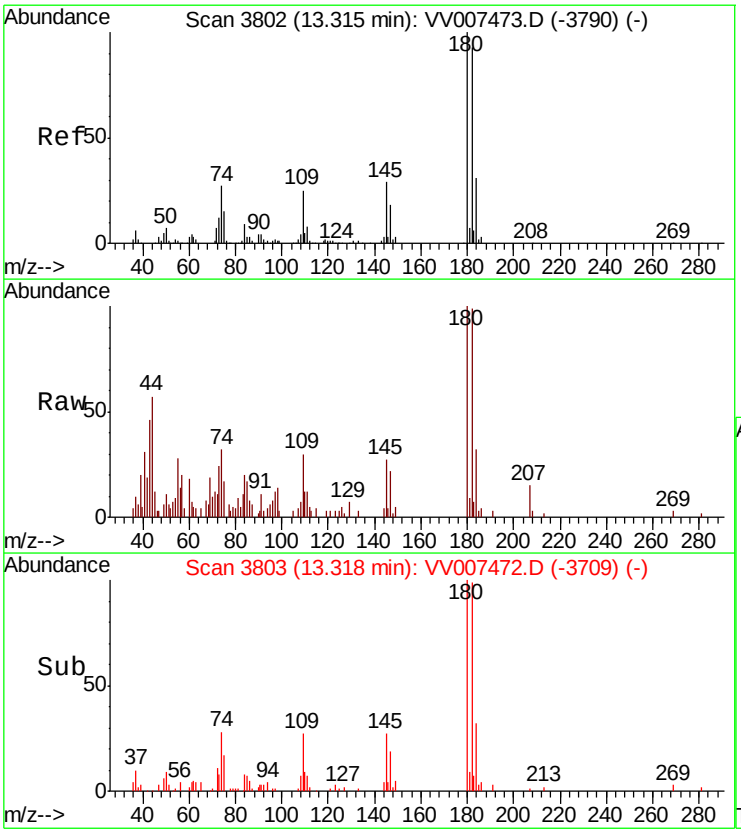

#67
1,3,5-Trichlorobenzene
Concen: 0.947 ug/L
RT: 12.70 min Scan# 3611
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTD00165

Tgt Ion:180 Resp: 10404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.0 | 75.4 | 113.2 |
| 184 | 28.9 | 23.8 | 35.8 |
| 145 | 30.4 | 23.0 | 34.4 |

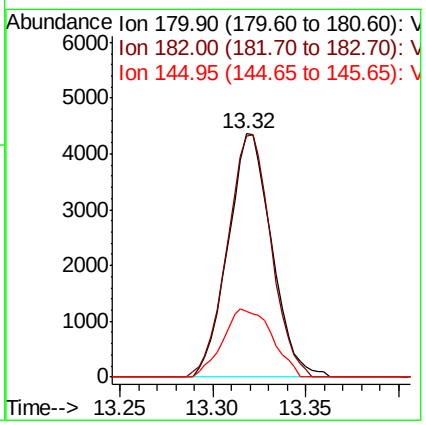


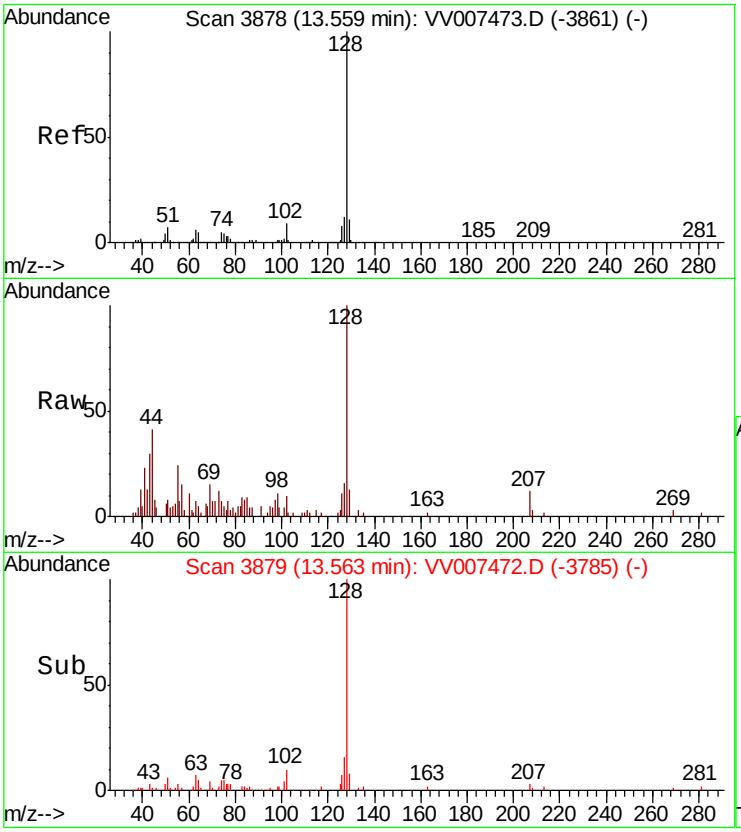




#68
1,2,4-trichlorobenzene
Concen: 0.855 ug/L
RT: 13.32 min Scan# 3803
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion:180 Resp: 7122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 99.6 | 76.6 | 114.8 |
| 145 | 31.4 | 23.3 | 34.9 |



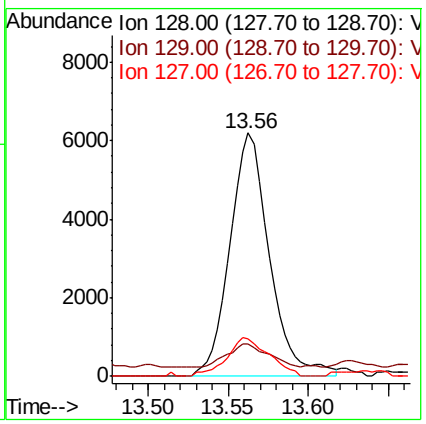


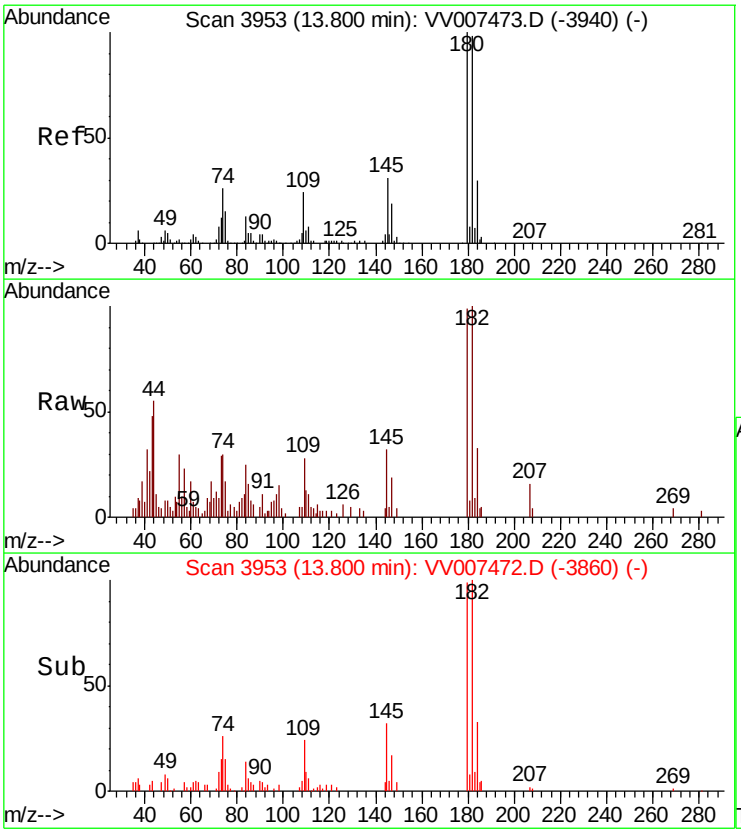

#69
Naphthalene
Concen: 0.806 ug/L
RT: 13.56 min Scan# 3879
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTD00165

Tgt Ion:128 Resp: 10449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 9.7 | 8.7 | 13.1 |
| 127 | 17.0 | 10.8 | 16.2# |




#70
1,2,3-Trichlorobenzene
Concen: 0.887 ug/L
RT: 13.80 min Scan# 3953
Delta R.T. 0.00 min
Lab File: VV007472.D
Acq: 12 Sep 2018 12:14

Tgt Ion:180 Resp: 6937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 98.1 | 76.4 | 114.6 |
| 145 | 33.2 | 25.1 | 37.7 |