Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012219\

Quantitation Report (Not Reviewed)

Data File : VV009230.D
Acq On : 22 Jan 2019 11:58
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00 G/5ML/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VSTDICC005

Quant Time: Jan 23 00:40:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 23 00:37:29 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 4.73 | 168 | 88959 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 5.66 | 114 | 150139 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 8.89 | 117 | 137567 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 65720 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.08 | 65 | 5132 | 4.26 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 8.52% | | | | |
| 35) Dibromofluoromethane | 4.64 | 113 | 4628 | 4.65 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 9.30% | | | | |
| 50) Toluene-d8 | 7.36 | 98 | 18173 | 4.75 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 9.50% | | | | |
| 62) 4-Bromofluorobenzene | 10.12 | 95 | 7005 | 4.76 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 9.52% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.14 | 85 | 4105 | 5.810 | ug/l | | 93 |
| 3) Chloromethane | 1.25 | 50 | 5147 | 4.996 | ug/l | | 98 |
| 4) Vinyl Chloride | 1.32 | 62 | 5728 | 5.687 | ug/l | | 93 |
| 5) Bromomethane | 1.53 | 94 | 3372 | 5.101 | ug/l | | 97 |
| 6) Chloroethane | 1.59 | 64 | 3313 | 5.222 | ug/l | | 94 |
| 7) Trichlorofluoromethane | 1.76 | 101 | 4032 | 6.542 | ug/l | | 95 |
| 8) Diethyl Ether | 1.96 | 74 | 2262 | 4.534 | ug/l | | 96 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.14 | 101 | 4739 | 5.167 | ug/l | | 97 |
| 10) Methyl Iodide | 2.25 | 142 | 7640 | 5.070 | ug/l | | 97 |
| 11) Tert butyl alcohol | 2.65 | 59 | 2793 | 31.703 | ug/l | # | 72 |
| 12) 1,1-Dichloroethene | 2.13 | 96 | 4820 | 5.234 | ug/l | | 99 |
| 13) Acrolein | 2.06 | 56 | 1560 | 24.430 | ug/l | | 90 |
| 14) Allyl chloride | 2.42 | 41 | 8032 | 4.961 | ug/l | | 97 |
| 15) Acrylonitrile | 2.76 | 53 | 5039 | 23.353 | ug/l | | 98 |
| 16) Acetone | 2.17 | 43 | 7782 | 26.403 | ug/l | | 96 |
| 17) Carbon Disulfide | 2.31 | 76 | 14378 | 5.232 | ug/l | | 96 |
| 18) Methyl Acetate | 2.45 | 43 | 4520 | 5.905 | ug/l | # | 88 |
| 19) Methyl tert-butyl Ether | 2.80 | 73 | 7532 | 5.221 | ug/l | | 95 |
| 20) Methylene Chloride | 2.52 | 84 | 6751 | 6.057 | ug/l | | 96 |
| 21) trans-1,2-Dichloroethene | 2.78 | 96 | 5081 | 5.102 | ug/l | | 98 |
| 22) Diisopropyl ether | 3.33 | 45 | 16730 | 4.641 | ug/l | | 99 |
| 23) Vinyl Acetate | 3.30 | 43 | 41888 | 21.052 | ug/l | | 97 |
| 24) 1,1-Dichloroethane | 3.22 | 63 | 10827 | 4.951 | ug/l | | 99 |
| 25) 2-Butanone | 4.01 | 43 | 7403 | 21.175 | ug/l | | 92 |
| 26) 2,2-Dichloropropane | 3.94 | 77 | 5317 | 4.599 | ug/l | | 99 |
| 27) cis-1,2-Dichloroethene | 3.96 | 96 | 5838 | 4.647 | ug/l | | 96 |
| 28) Bromochloromethane | 4.29 | 49 | 3777 | 4.499 | ug/l | # | 98 |
| 29) Tetrahydrofuran | 4.38 | 42 | 4049 | 20.216 | ug/l | # | 80 |
| 30) Chloroform | 4.42 | 83 | 10551 | 4.643 | ug/l | | 99 |
| 31) Cyclohexane | 4.72 | 56 | 11098 | 5.695 | ug/l | # | 80 |
| 32) 1,1,1-Trichloroethane | 4.65 | 97 | 8723 | 4.811 | ug/l | | 96 |
| 36) 1,1-Dichloropropene | 4.88 | 75 | 8453 | 5.200 | ug/l | | 97 |
| 37) Ethyl Acetate | 4.13 | 43 | 2434 | 3.584 | ug/l | # | 88 |
| 38) Carbon Tetrachloride | 4.87 | 117 | 7957 | 4.926 | ug/l | | 99 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012219\

Quantitation Report (Not Reviewed)

Data File : VV009230.D
Acq On : 22 Jan 2019 11:58
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00 G/5ML/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VSTDICC005

Quant Time: Jan 23 00:40:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 23 00:37:29 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 39) Methylcyclohexane | 6.17 | 83 | 9584 | 5.123 ug/l | 100 |
| 40) Benzene | 5.14 | 78 | 22697 | 4.943 ug/l | 99 |
| 41) Methacrylonitrile | 4.31 | 41 | 1694 | 4.260 ug/l # | 89 |
| 42) 1,2-Dichloroethane | 5.18 | 62 | 7297 | 4.763 ug/l | 97 |
| 43) Isopropyl Acetate | 5.32 | 43 | 5432 | 4.026 ug/l | 97 |
| 44) Trichloroethene | 5.96 | 130 | 6290 | 5.320 ug/l | 90 |
| 45) 1,2-Dichloropropane | 6.21 | 63 | 5262 | 4.702 ug/l | 97 |
| 46) Dibromomethane | 6.35 | 93 | 2639 | 4.328 ug/l | 97 |
| 47) Bromodichloromethane | 6.55 | 83 | 6933 | 4.358 ug/l | 98 |
| 48) Methyl methacrylate | 6.42 | 41 | 2874 | 4.202 ug/l | 94 |
| 49) 1,4-Dioxane | 6.41 | 88 | 588 | 74.325 ug/l # | 84 |
| 51) 4-Methyl-2-Pentanone | 7.27 | 43 | 14423 | 21.368 ug/l | 98 |
| 52) Toluene | 7.43 | 92 | 13930 | 4.833 ug/l | 98 |
| 53) t-1,3-Dichloropropene | 7.69 | 75 | 6266 | 4.049 ug/l | 98 |
| 54) cis-1,3-Dichloropropene | 7.07 | 75 | 7473 | 4.262 ug/l | 94 |
| 55) 1,1,2-Trichloroethane | 7.88 | 97 | 3896 | 4.716 ug/l | 96 |
| 56) Ethyl methacrylate | 7.83 | 69 | 3905 | 3.902 ug/l | 97 |
| 57) 1,3-Dichloropropane | 8.05 | 76 | 6855 | 4.501 ug/l | 99 |
| 59) 2-Hexanone | 8.18 | 43 | 9746 | 19.480 ug/l | 100 |
| 60) Dibromochloromethane | 8.29 | 129 | 4230 | 4.300 ug/l | 94 |
| 61) 1,2-Dibromoethane | 8.40 | 107 | 3632 | 4.436 ug/l | 99 |
| 64) Tetrachloroethene | 8.02 | 164 | 4682 | 5.000 ug/l | 97 |
| 65) Chlorobenzene | 8.92 | 112 | 15514 | 4.938 ug/l | 95 |
| 66) 1,1,1,2-Tetrachloroethane | 9.02 | 131 | 5190 | 4.808 ug/l | 95 |
| 67) Ethyl Benzene | 9.05 | 91 | 26780 | 4.798 ug/l | 98 |
| 68) m/p-Xylenes | 9.18 | 106 | 20000 | 9.551 ug/l | 100 |
| 69) o-Xylene | 9.59 | 106 | 9262 | 4.748 ug/l | 98 |
| 70) Styrene | 9.60 | 104 | 14200 | 4.464 ug/l | 98 |
| 71) Bromoform | 9.78 | 173 | 2087 | 3.957 ug/l # | 92 |
| 73) Isopropylbenzene | 9.97 | 105 | 25584 | 4.916 ug/l | 99 |
| 74) N-amyl acetate | 9.84 | 43 | 4365 | 3.970 ug/l | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 10.28 | 83 | 4288 | 4.601 ug/l | 99 |
| 76) 1,2,3-Trichloropropane | 10.32 | 75 | 4720 | 6.509 ug/l | 79 |
| 77) Bromobenzene | 10.26 | 156 | 5715 | 4.946 ug/l | 98 |
| 78) n-propylbenzene | 10.40 | 91 | 31010 | 5.029 ug/l | 98 |
| 79) 2-Chlorotoluene | 10.47 | 91 | 19206 | 5.048 ug/l | 96 |
| 80) 1,3,5-Trimethylbenzene | 10.58 | 105 | 21291 | 4.828 ug/l | 98 |
| 81) trans-1,4-Dichloro-2-buten | 10.05 | 75 | 1072 | 4.099 ug/l | 88 |
| 82) 4-Chlorotoluene | 10.58 | 91 | 23469 | 5.179 ug/l | 98 |
| 83) tert-Butylbenzene | 10.91 | 119 | 20105 | 4.794 ug/l | 98 |
| 84) 1,2,4-Trimethylbenzene | 10.96 | 105 | 21400 | 4.708 ug/l | 99 |
| 85) sec-Butylbenzene | 11.13 | 105 | 26981 | 5.006 ug/l | 99 |
| 86) p-Isopropyltoluene | 11.29 | 119 | 23734 | 4.966 ug/l | 99 |
| 87) 1,3-Dichlorobenzene | 11.23 | 146 | 12229 | 5.180 ug/l | 98 |
| 88) 1,4-Dichlorobenzene | 11.32 | 146 | 12599 | 5.259 ug/l | 92 |
| 89) n-Butylbenzene | 11.70 | 91 | 23413 | 4.974 ug/l | 100 |
| 90) Hexachloroethane | 11.95 | 117 | 4088 | 4.743 ug/l | 98 |
| 91) 1,2-Dichlorobenzene | 11.69 | 146 | 11015 | 5.218 ug/l | 98 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.48 | 75 | 681 | 4.218 ug/l | 92 |
| 93) 1,2,4-Trichlorobenzene | 13.31 | 180 | 6877 | 4.776 ug/l | 97 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012219\

Quantitation Report (Not Reviewed)

Data File : VV009230.D
Acq On : 22 Jan 2019 11:58
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00 G/5ML/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VSTDICC005

Quant Time: Jan 23 00:40:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 23 00:37:29 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 94) Hexachlorobutadiene | 13.50 | 225 | 4423 | 5.441 | ug/l | 98 |
| 95) Naphthalene | 13.56 | 128 | 11552 | 4.572 | ug/l | 98 |
| 96) 1,2,3-Trichlorobenzene | 13.80 | 180 | 5744 | 4.700 | ug/l | 95 |

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

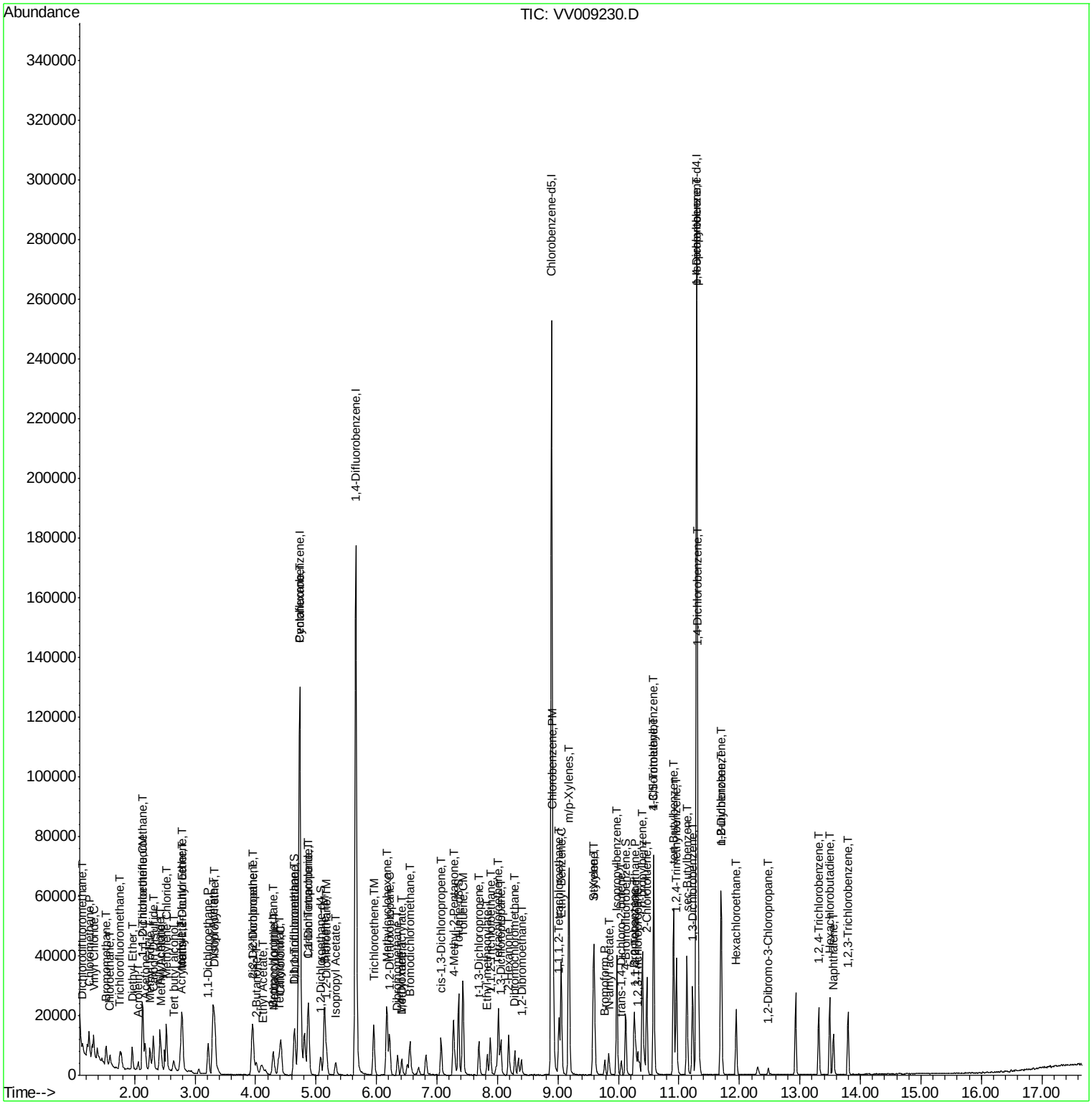
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012219\

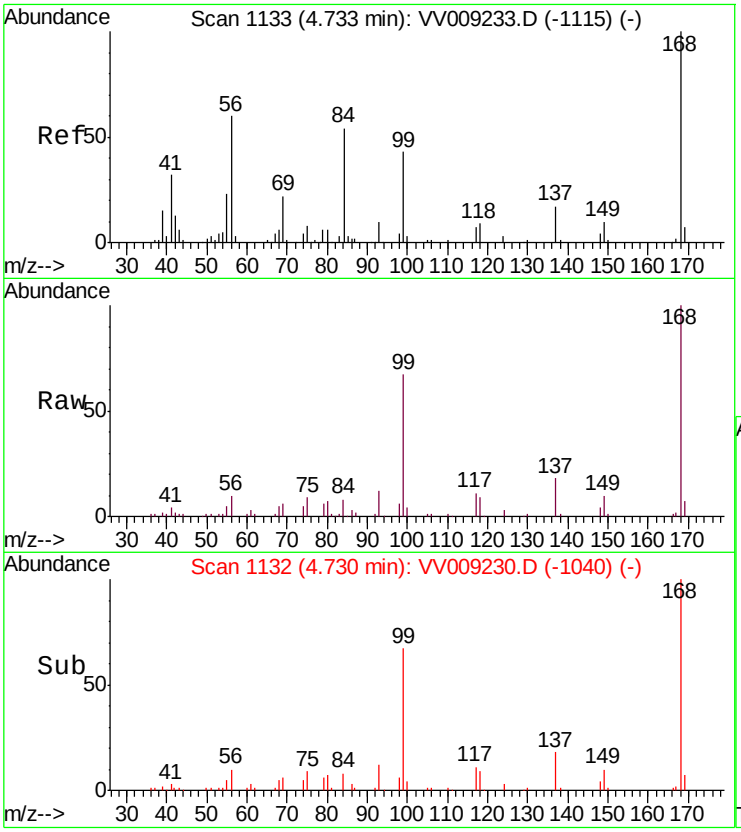
Quantitation Report (Not Reviewed)

Data File : VV009230.D
Acq On : 22 Jan 2019 11:58
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00 G/5ML/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Quant Time: Jan 23 00:40:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 23 00:37:29 2019
Response via : Initial Calibration



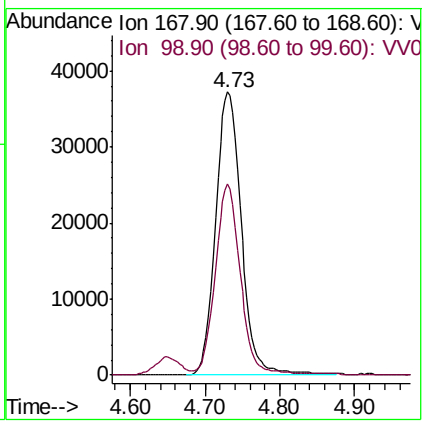


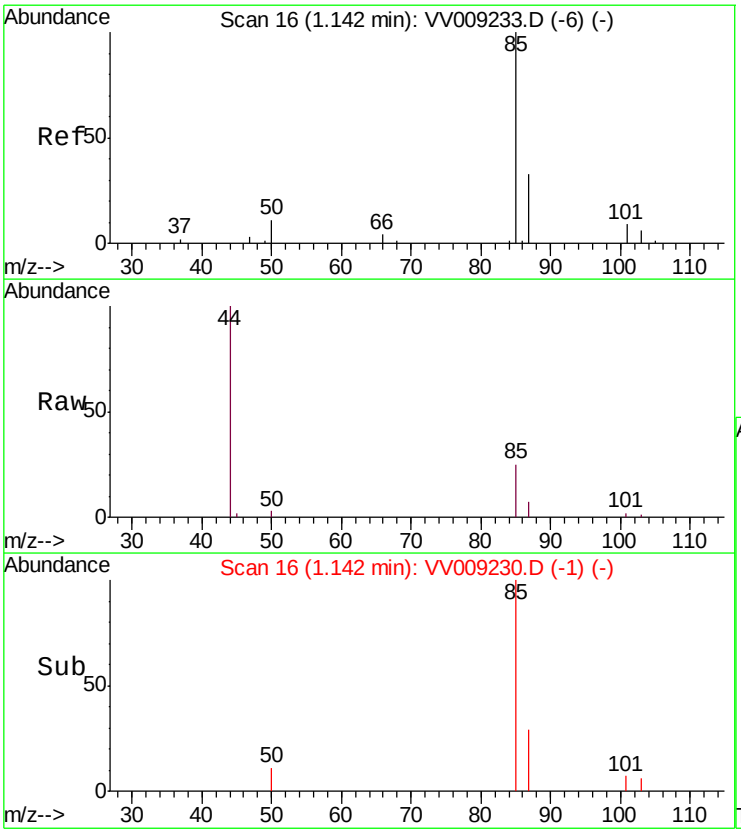

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.73 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion:168 Resp: 88959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 66.9 | 50.9 | 76.3 |

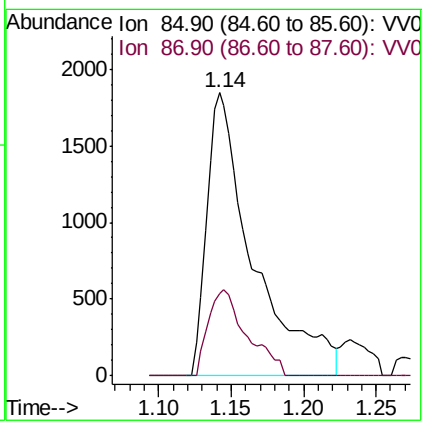


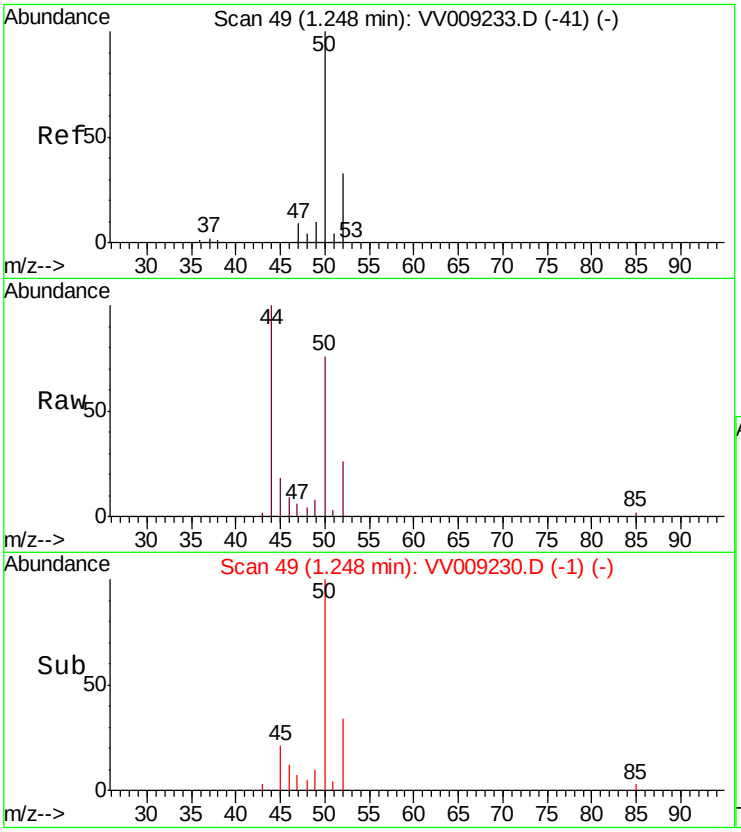




#2
Dichlorodifluoromethane
Concen: 5.810 ug/l
RT: 1.14 min Scan# 16
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 85 Resp: 4105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 29.3 | 16.6 | 49.7 |



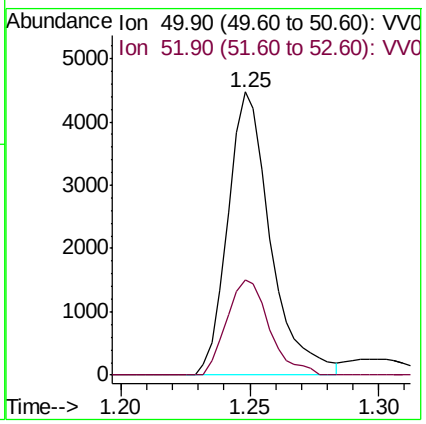


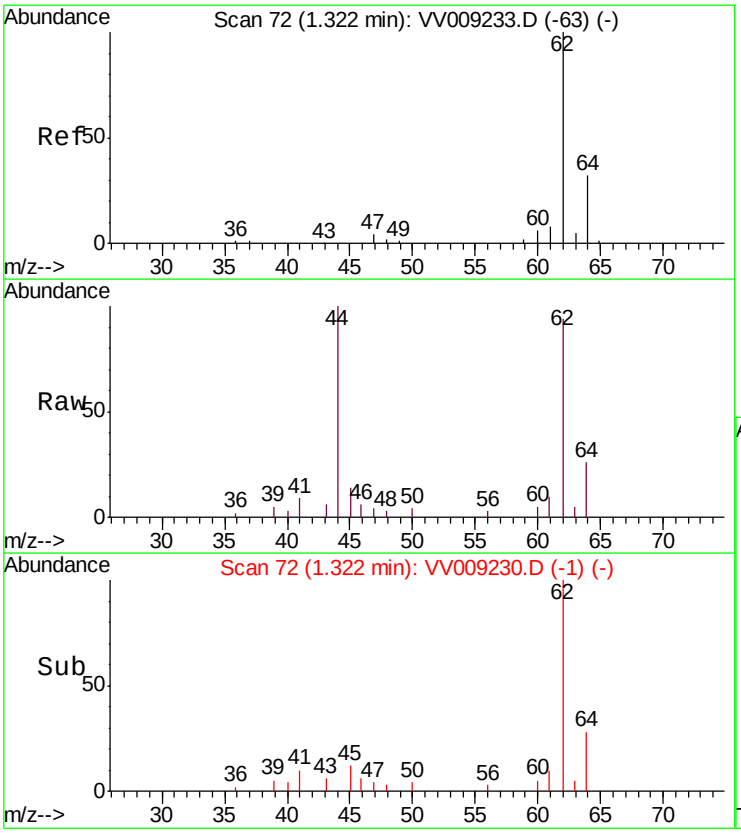

#3
Chloromethane
Concen: 4.996 ug/l
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion: 50 Resp: 5147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.8 | 26.3 | 39.5 |

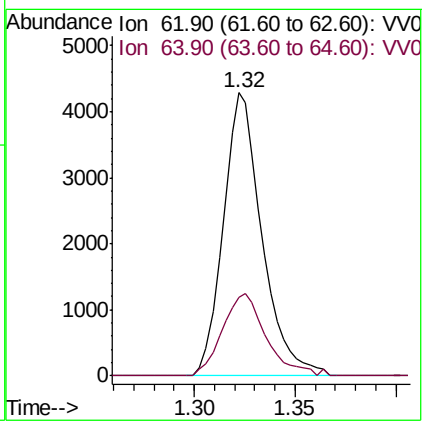


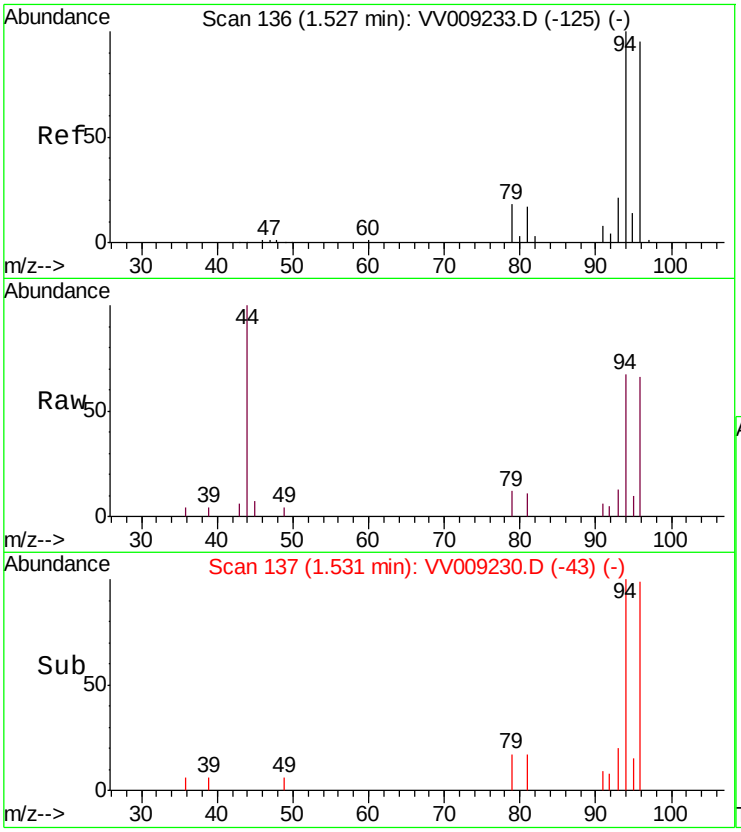




#4
Vinyl Chloride
Concen: 5.687 ug/l
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 62 Resp: 5728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 27.8 | 25.4 | 38.0 |



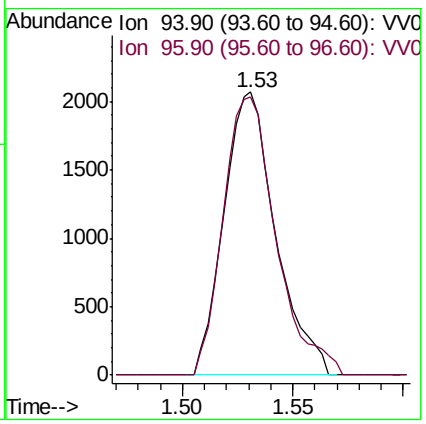


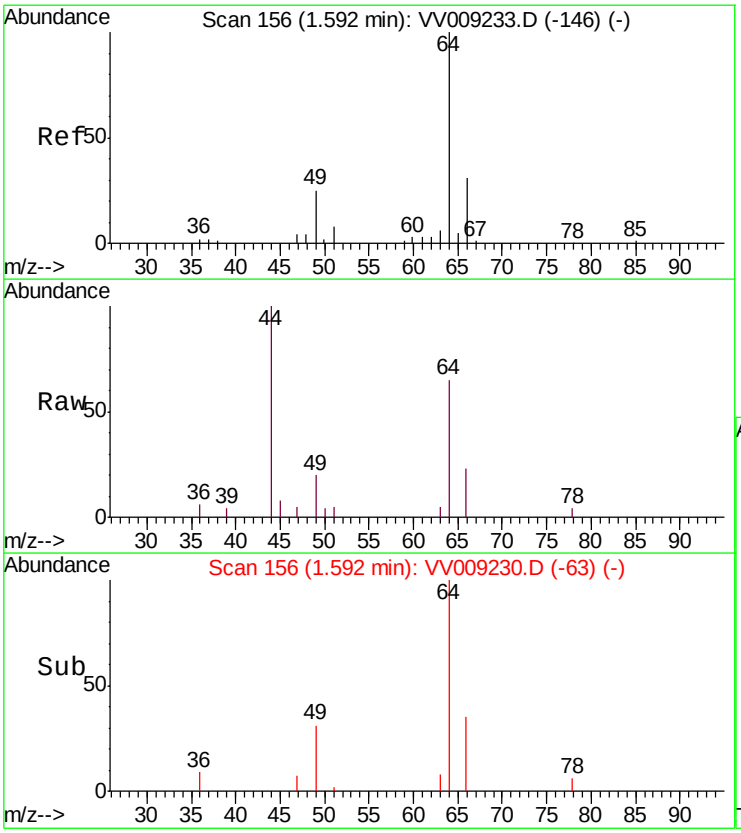

#5
Bromomethane
Concen: 5.101 ug/l
RT: 1.53 min Scan# 137
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion: 94 Resp: 3372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 98.5 | 76.3 | 114.5 |

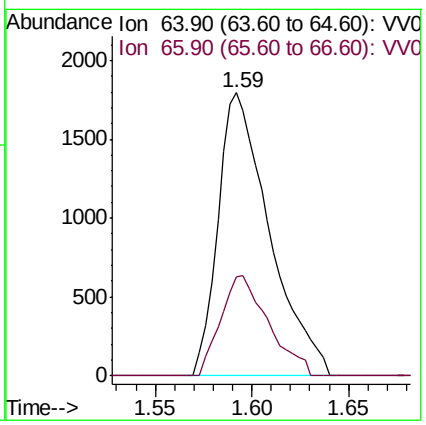


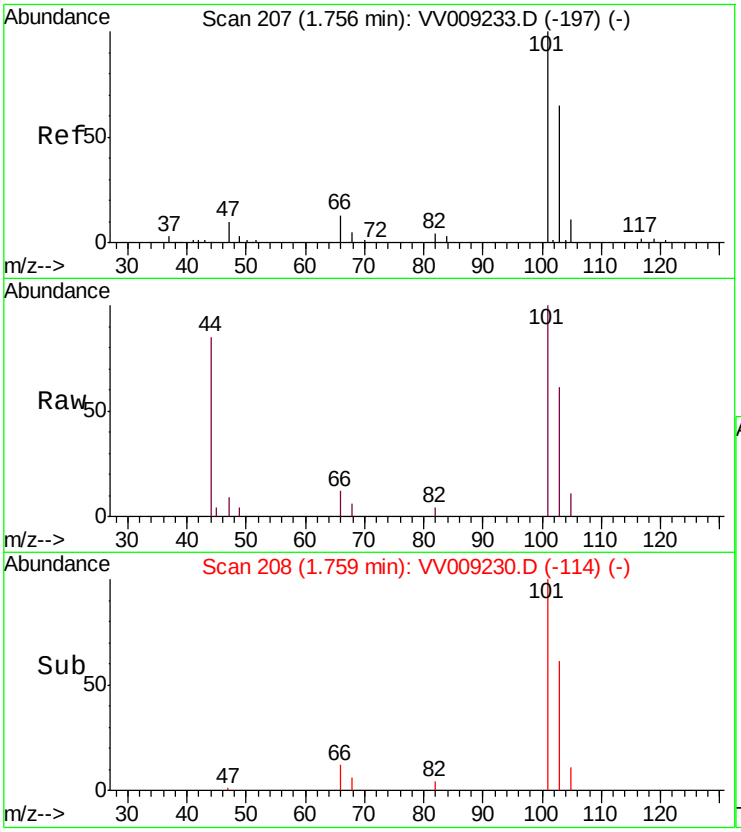




#6
Chloroethane
Concen: 5.222 ug/l
RT: 1.59 min Scan# 156
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 64 Resp: 3313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 34.8 | 25.1 | 37.7 |



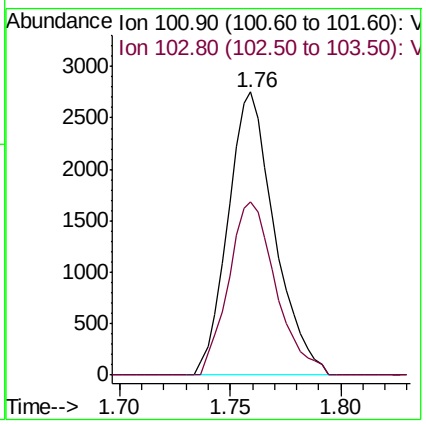


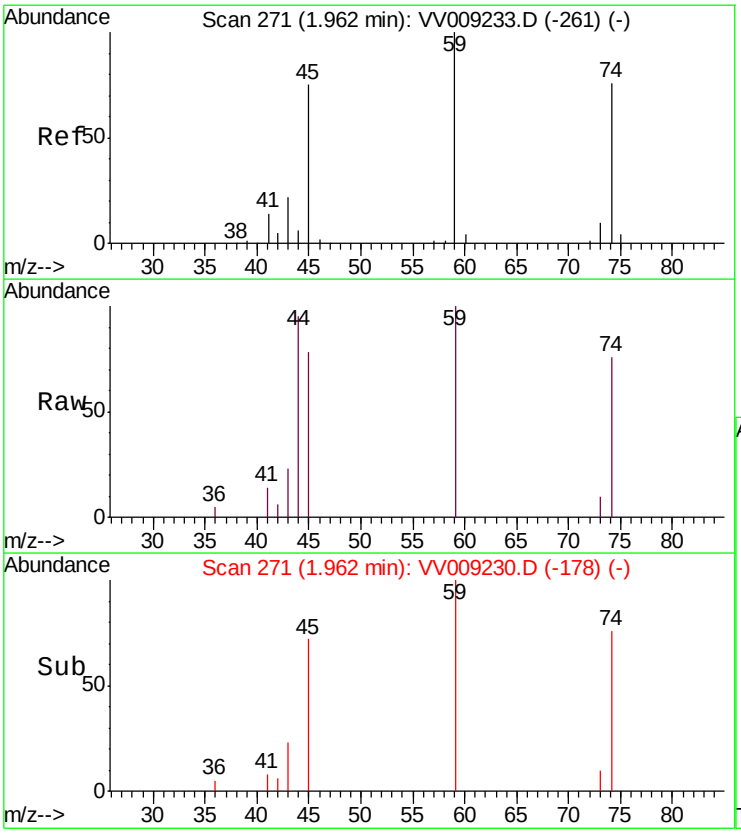

#7
Trichlorofluoromethane
Concen: 6.542 ug/l
RT: 1.76 min Scan# 208
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion:101 Resp: 4032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 61.2 | 52.2 | 78.4 |

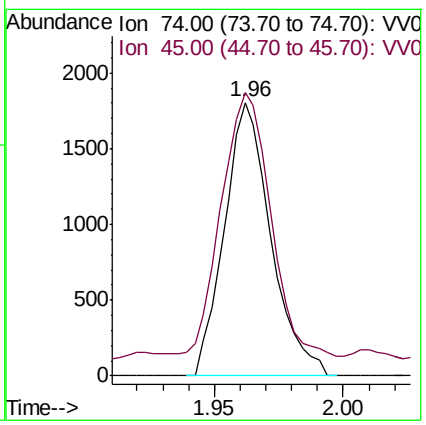


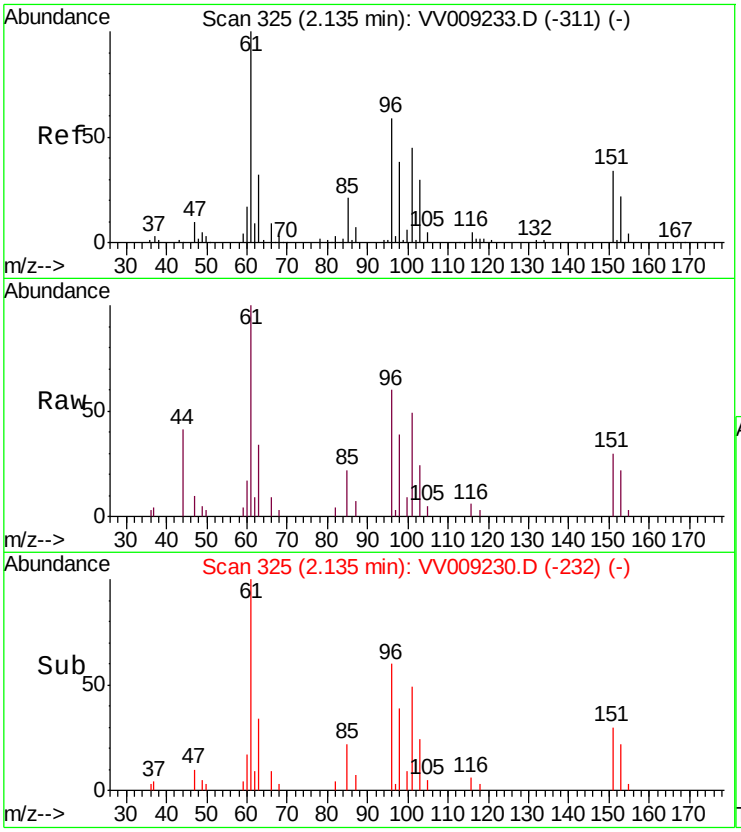




#8
Diethyl Ether
Concen: 4.534 ug/l
RT: 1.96 min Scan# 271
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 74 Resp: 2262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 101.9 | 49.1 | 147.3 |



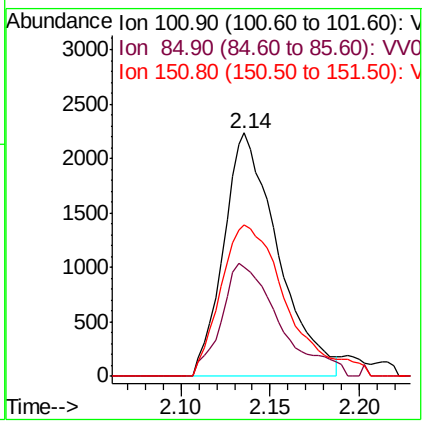


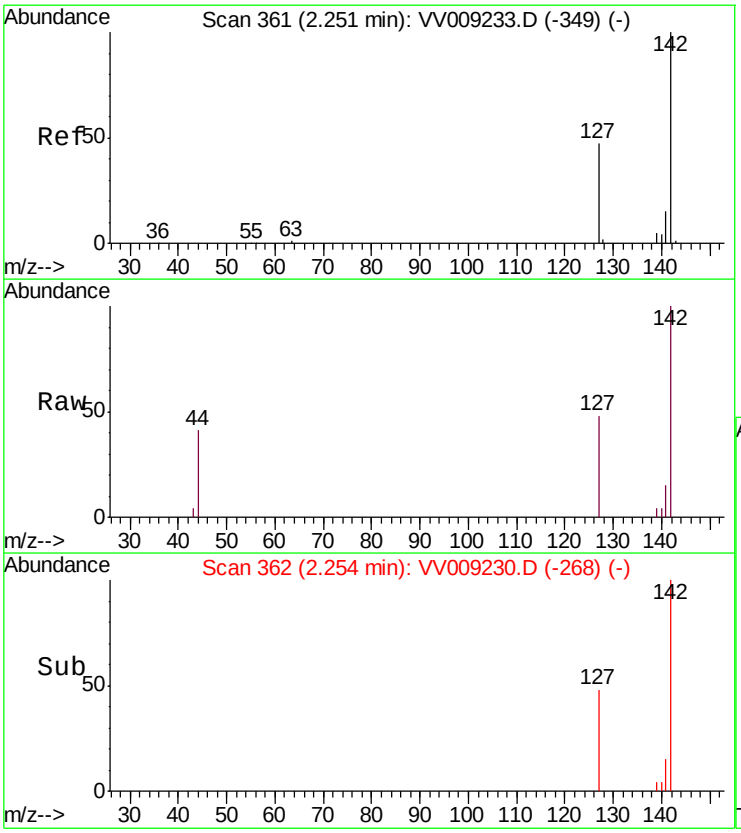

#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.167 ug/l
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion:101 Resp: 4739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 49.0 | 35.3 | 52.9 |
| 151 | 75.2 | 60.1 | 90.1 |

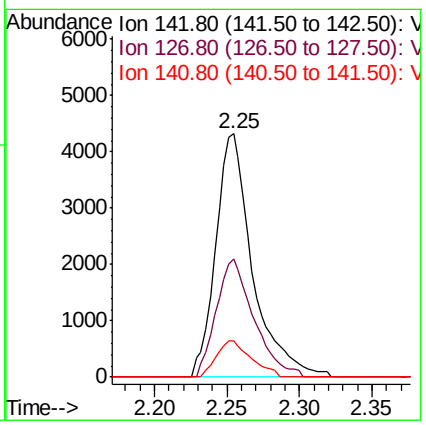


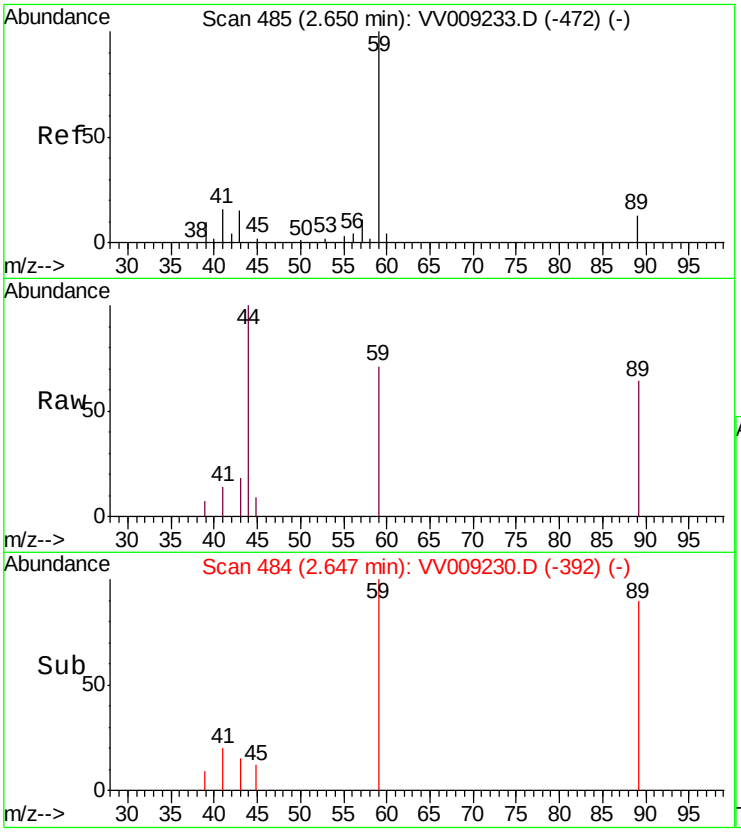




#10
Methyl Iodide
Concen: 5.070 ug/l
RT: 2.25 min Scan# 362
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion:142 Resp: 7640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 49.5 | 37.9 | 56.9 |
| 141 | 14.0 | 11.7 | 17.5 |



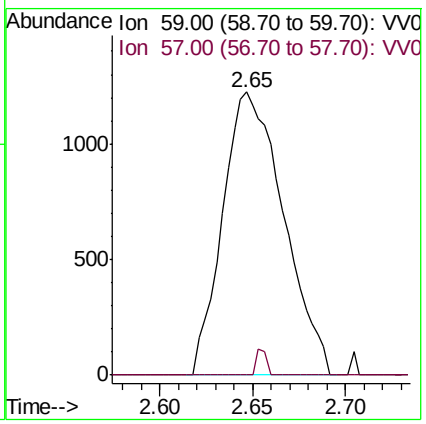


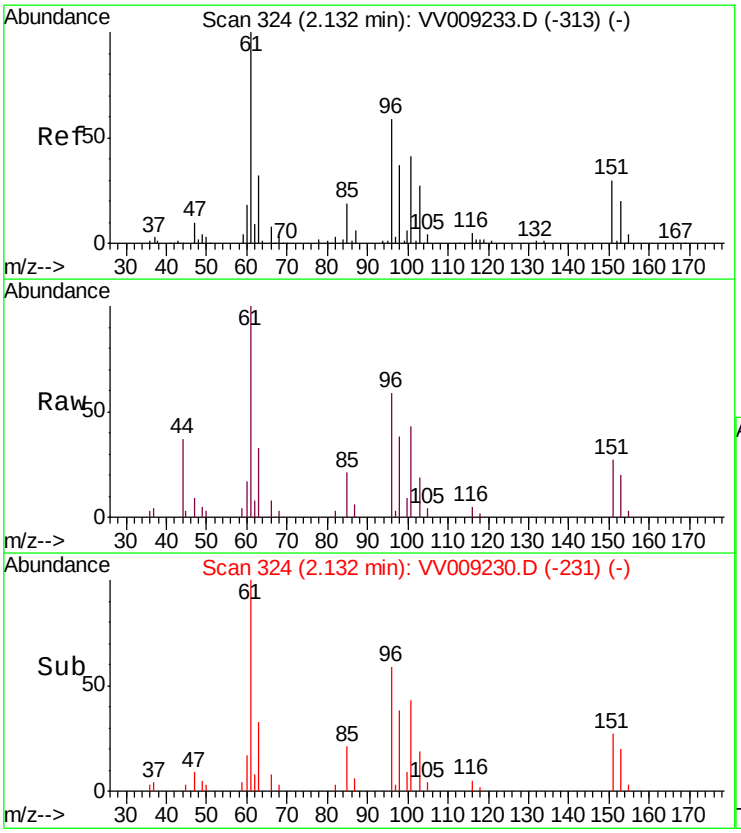

#11
Tert butyl alcohol
Concen: 31.703 ug/l
RT: 2.65 min Scan# 484
Delta R.T. -0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion: 59 Resp: 2793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.4 | 12.6# |

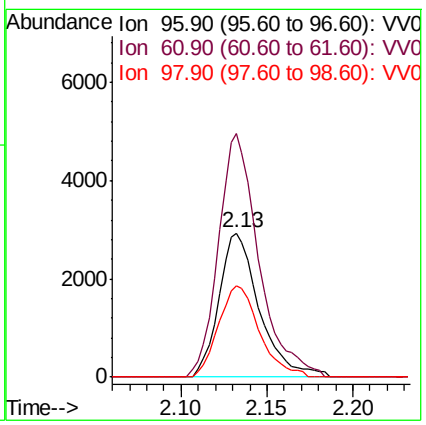


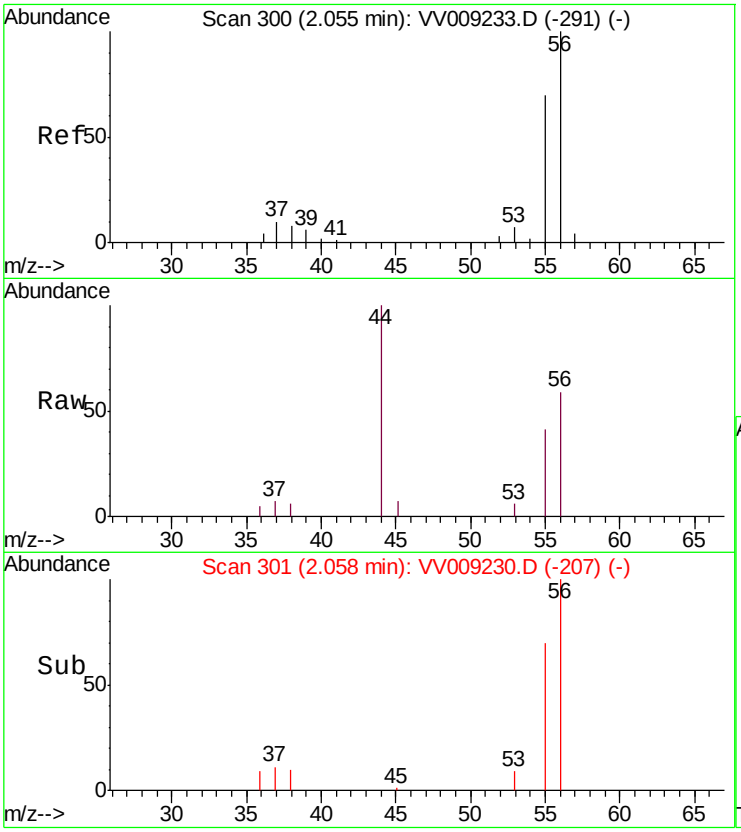




#12
1,1-Dichloroethene
Concen: 5.234 ug/l
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 96 Resp: 4820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 169.4 | 136.6 | 205.0 |
| 98 | 63.6 | 50.6 | 75.8 |



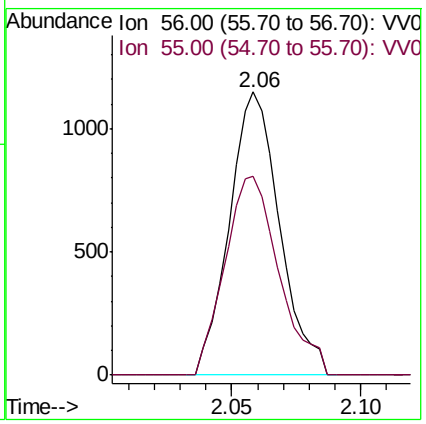


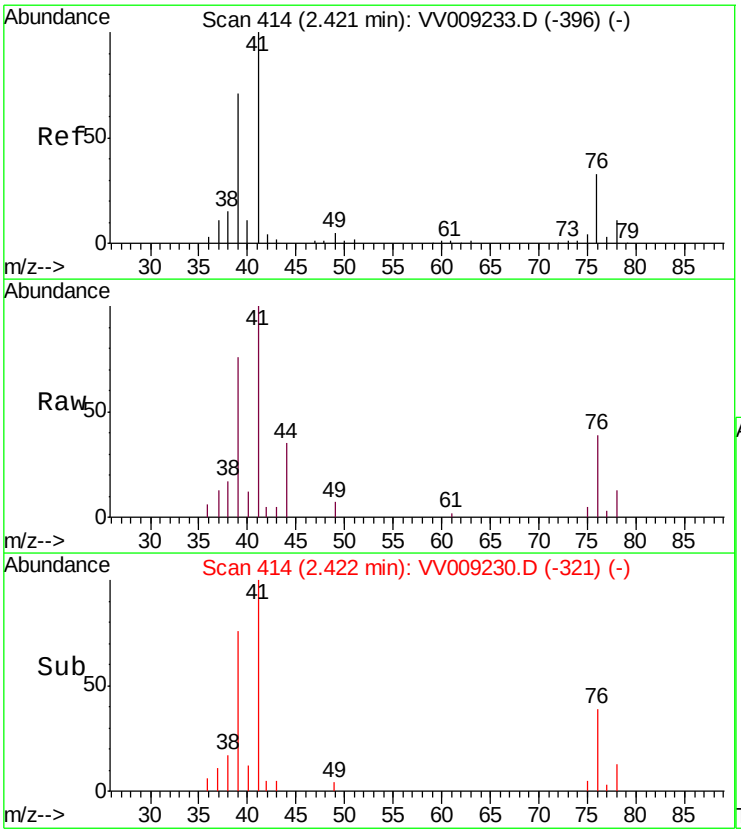

#13
Acrolein
Concen: 24.430 ug/l
RT: 2.06 min Scan# 301
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :** MSVOA_V
**ClientSampleId :** VSTDICC005

Tgt Ion: 56 Resp: 1560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 75.9 | 54.0 | 81.0 |

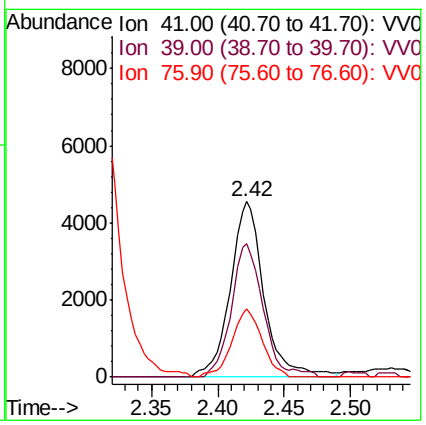


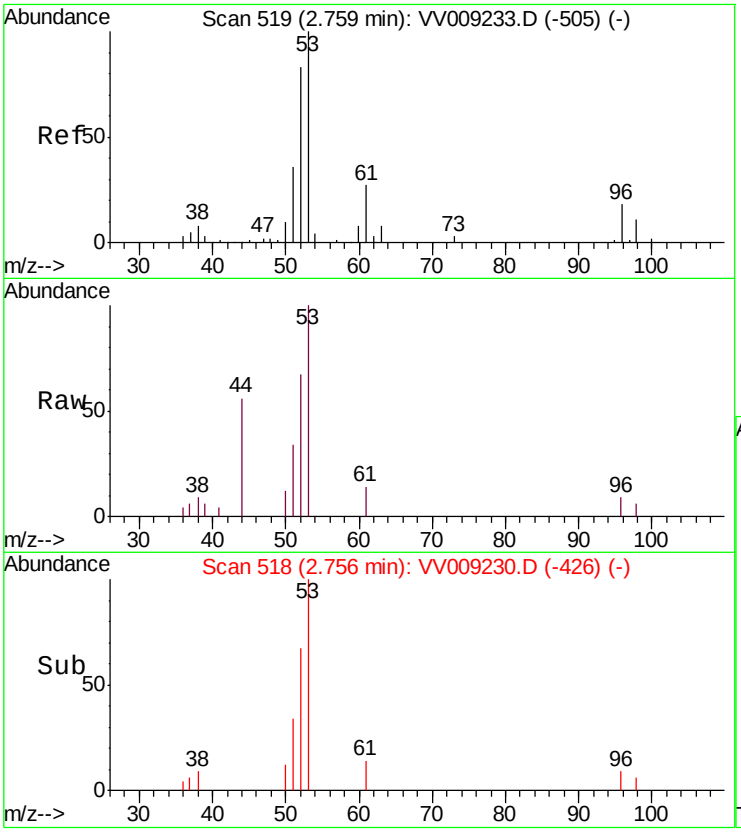




#14
Allyl chloride
Concen: 4.961 ug/l
RT: 2.42 min Scan# 414
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 41 Resp: 8032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 72.1 | 55.1 | 82.7 |
| 76 | 34.8 | 26.7 | 40.1 |



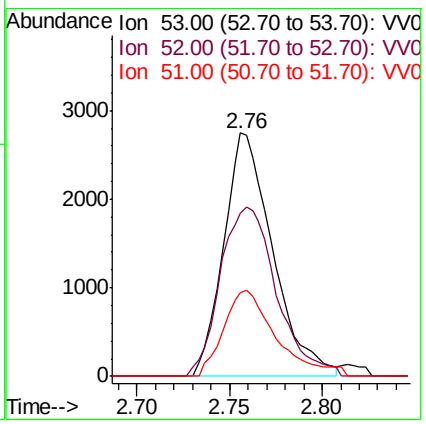


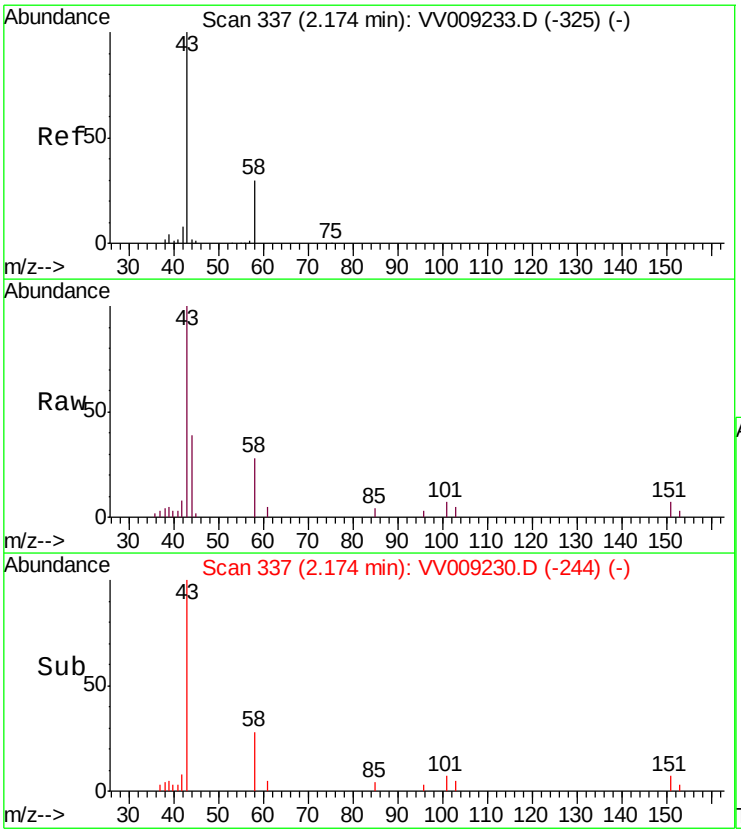

#15
Acrylonitrile
Concen: 23.353 ug/l
RT: 2.76 min Scan# 518
Delta R.T. -0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion: 53 Resp: 5039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 79.8 | 65.3 | 97.9 |
| 51 | 37.8 | 29.0 | 43.4 |

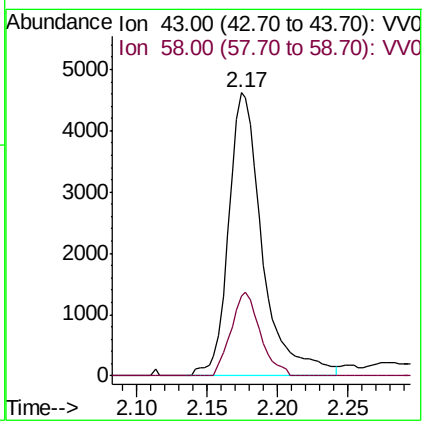


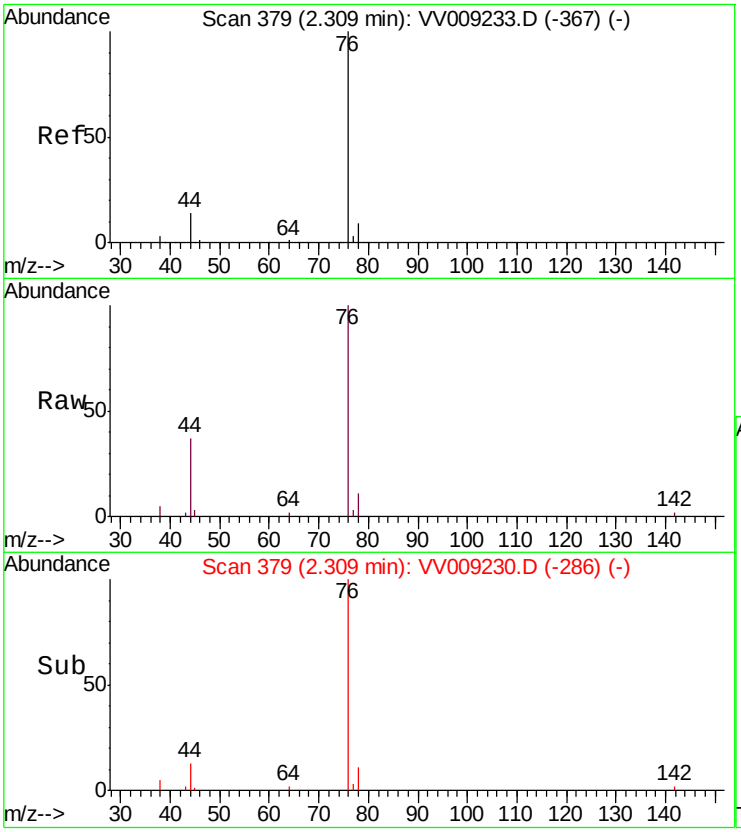




#16
Acetone
Concen: 26.403 ug/l
RT: 2.17 min Scan# 337
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 43 Resp: 7782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.4 | 24.4 | 36.6 |



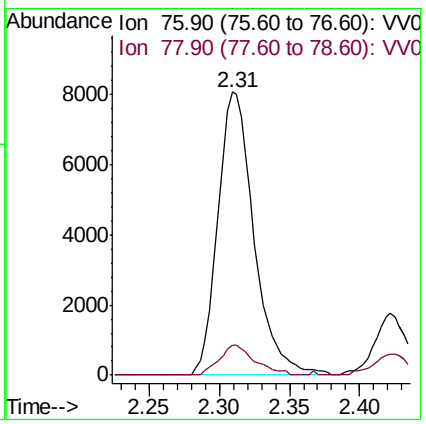


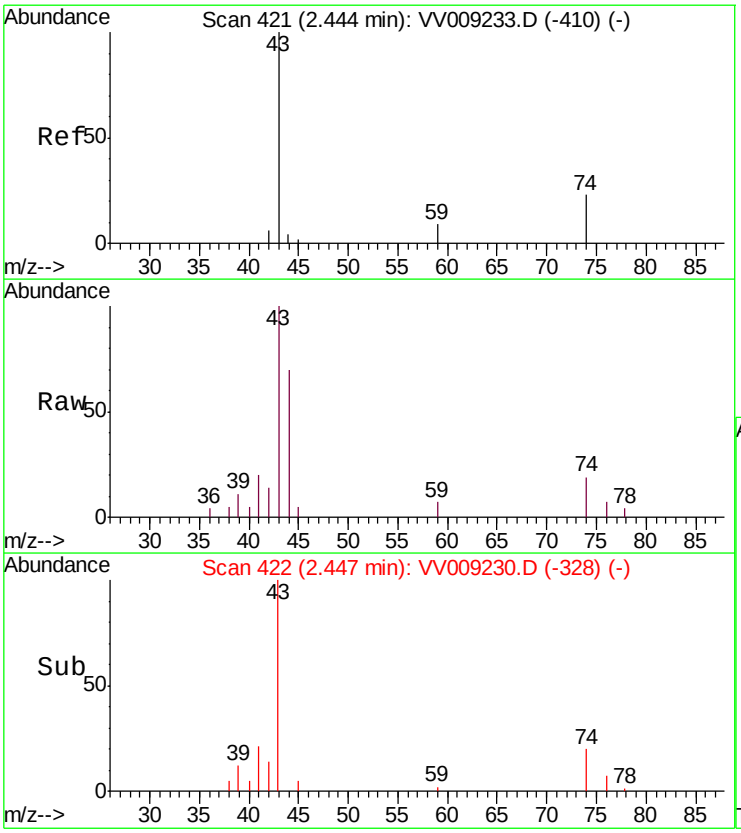

#17
Carbon Disulfide
Concen: 5.232 ug/l
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :** MSVOA_V
**ClientSampleId :** VSTDICC005

Tgt Ion: 76 Resp: 14378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 10.7 | 7.3 | 10.9 |

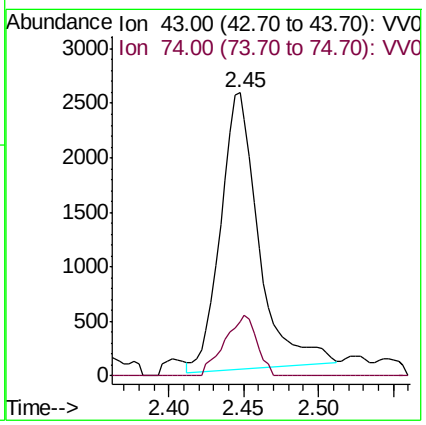


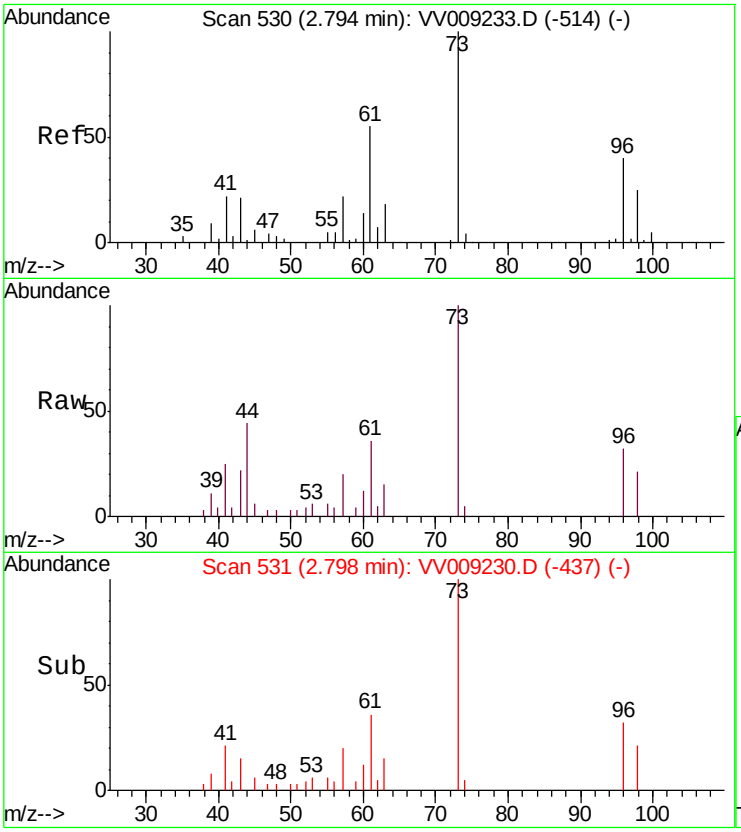




#18
Methyl Acetate
Concen: 5.905 ug/l
RT: 2.45 min Scan# 422
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 43 Resp: 4520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 18.5 | 19.7 | 29.5# |



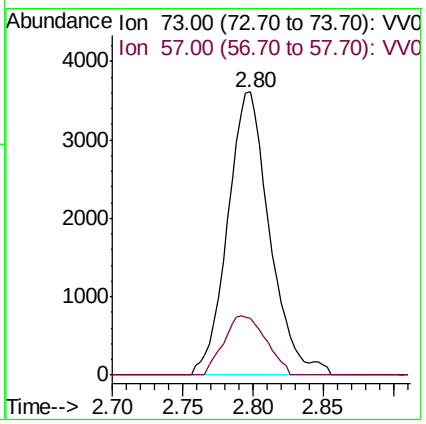


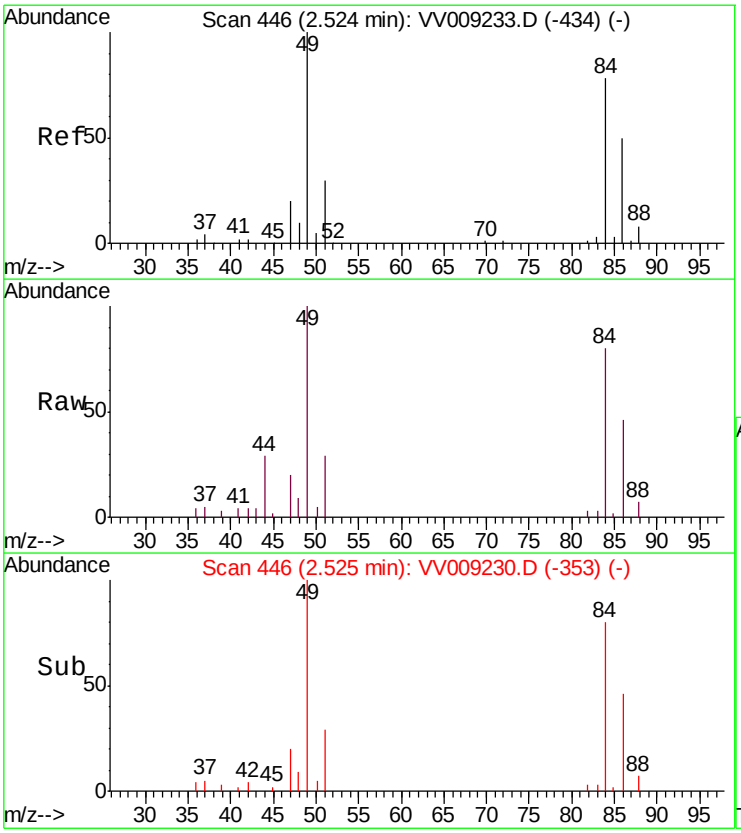

#19
Methyl tert-butyl Ether
Concen: 5.221 ug/l
RT: 2.80 min Scan# 531
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion: 73 Resp: 7532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.1 | 18.0 | 27.0 |

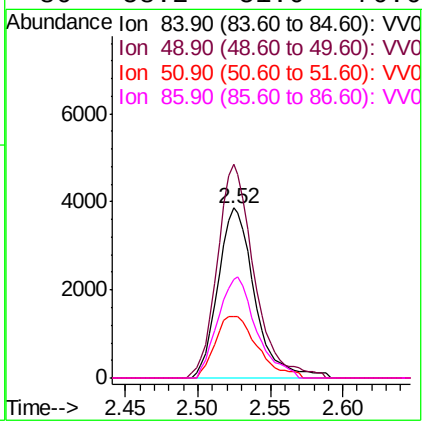


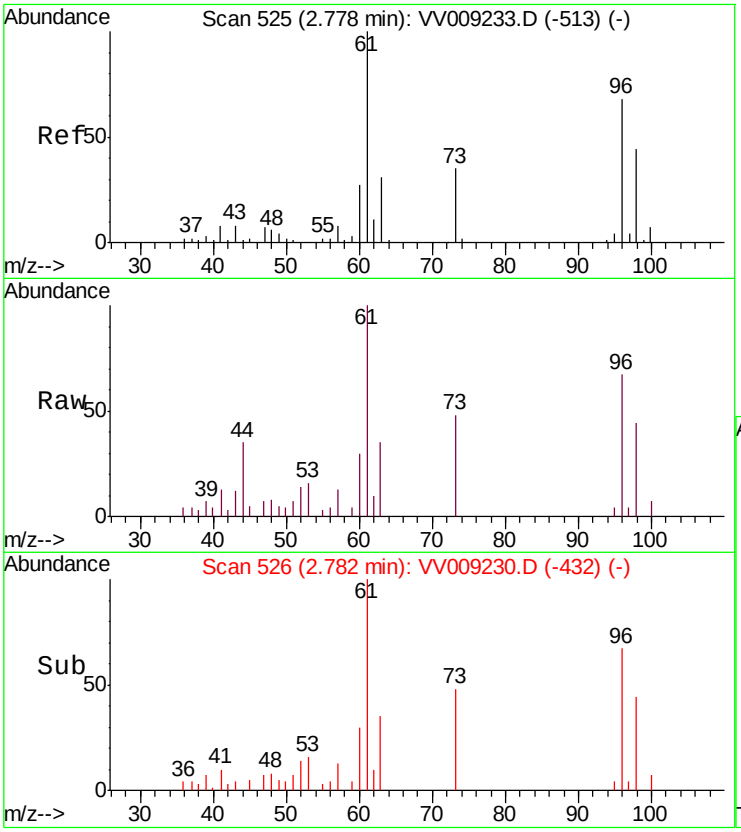




#20
Methylene Chloride
Concen: 6.057 ug/l
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 84 Resp: 6751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 125.5 | 102.0 | 153.0 |
| 51 | 36.3 | 30.9 | 46.3 |
| 86 | 58.2 | 51.0 | 76.6 |



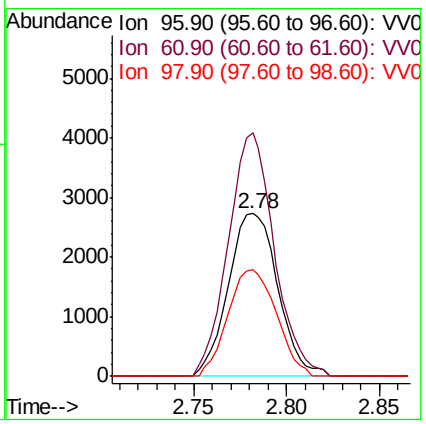


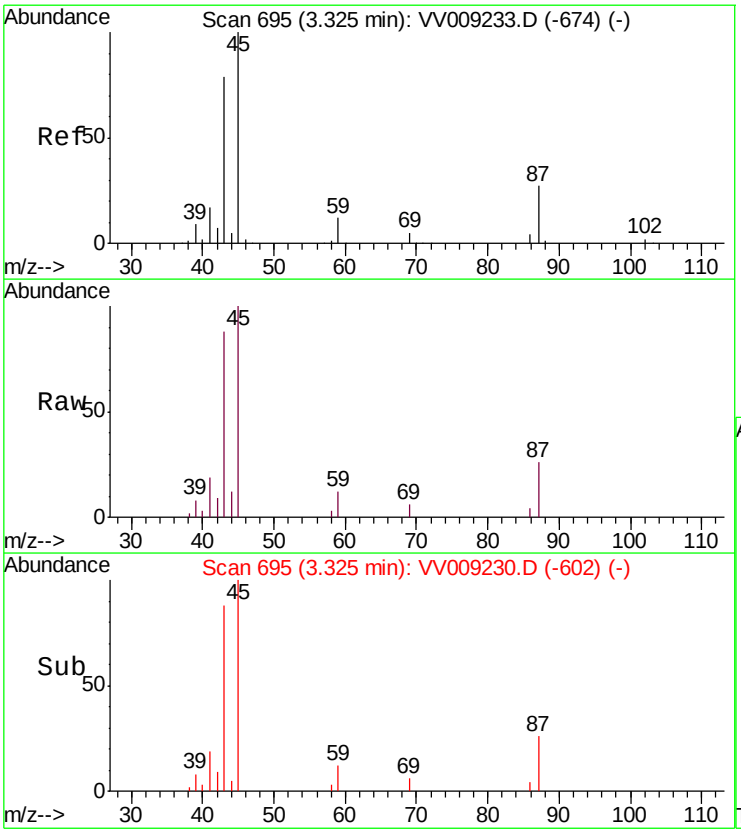

#21
trans-1,2-Dichloroethene
Concen: 5.102 ug/l
RT: 2.78 min Scan# 526
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion: 96 Resp: 5081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 149.9 | 117.7 | 176.5 |
| 98 | 65.7 | 51.5 | 77.3 |

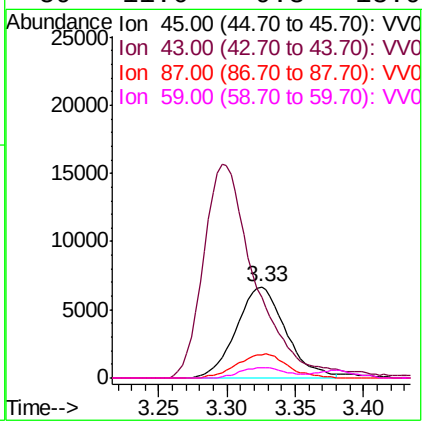


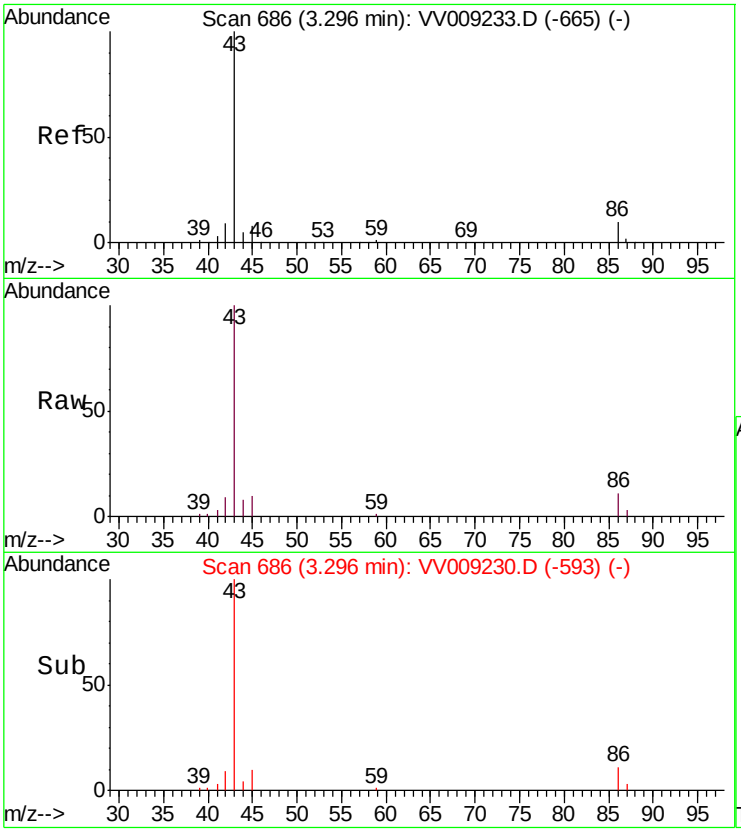




#22
Diisopropyl ether
Concen: 4.641 ug/l
RT: 3.33 min Scan# 695
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 45 Resp: 16730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 78.5 | 63.0 | 94.4 |
| 87 | 25.9 | 21.5 | 32.3 |
| 59 | 11.6 | 9.3 | 13.9 |



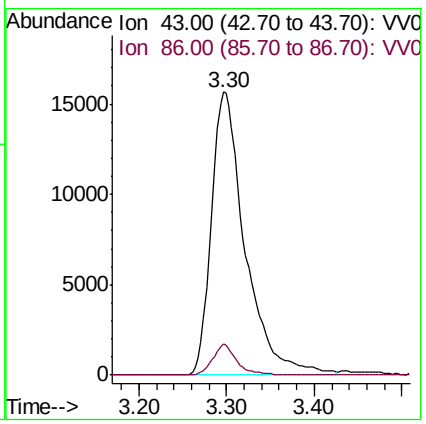


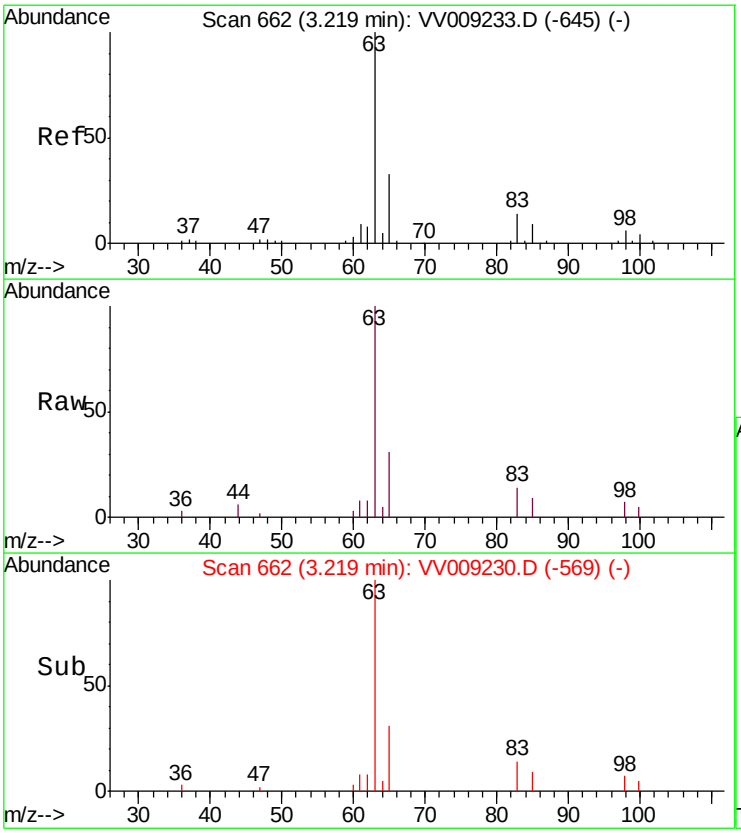

#23
Vinyl Acetate
Concen: 21.052 ug/l
RT: 3.30 min Scan# 686
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :** MSVOA_V
**ClientSampleId :** VSTDICC005

Tgt Ion: 43 Resp: 41888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.1 | 8.1 | 12.1 |

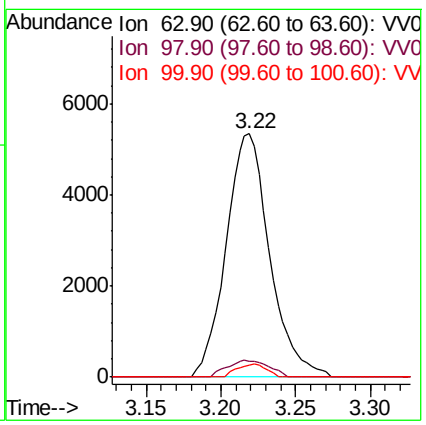


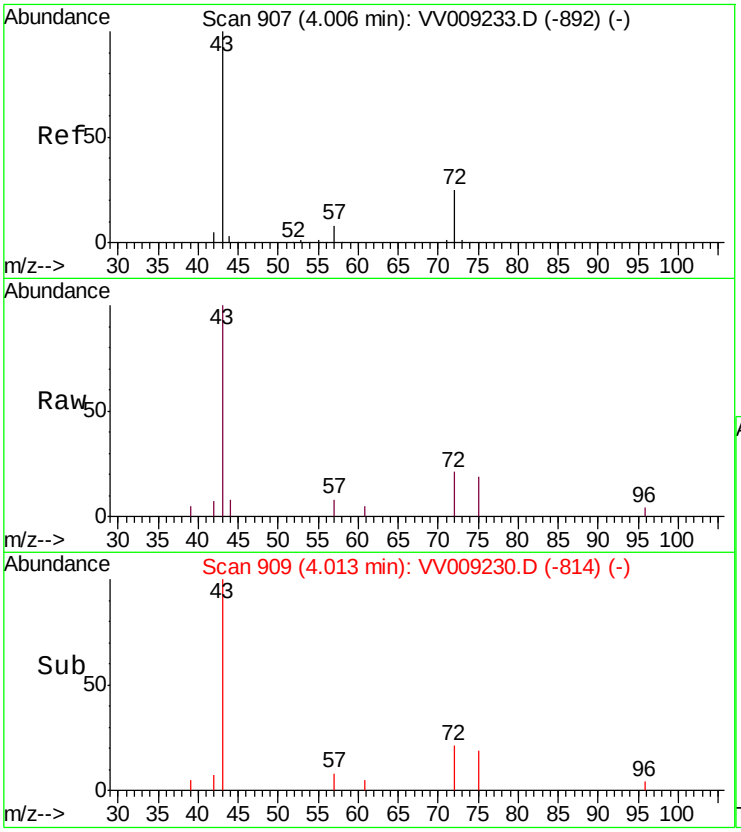




#24
1,1-Dichloroethane
Concen: 4.951 ug/l
RT: 3.22 min Scan# 662
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 63 Resp: 10827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.7 | 3.3 | 9.8 |
| 100 | 4.7 | 2.2 | 6.6 |



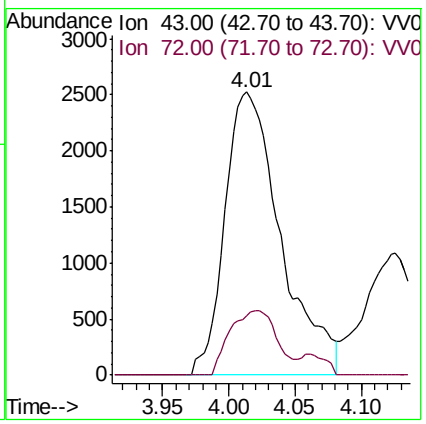


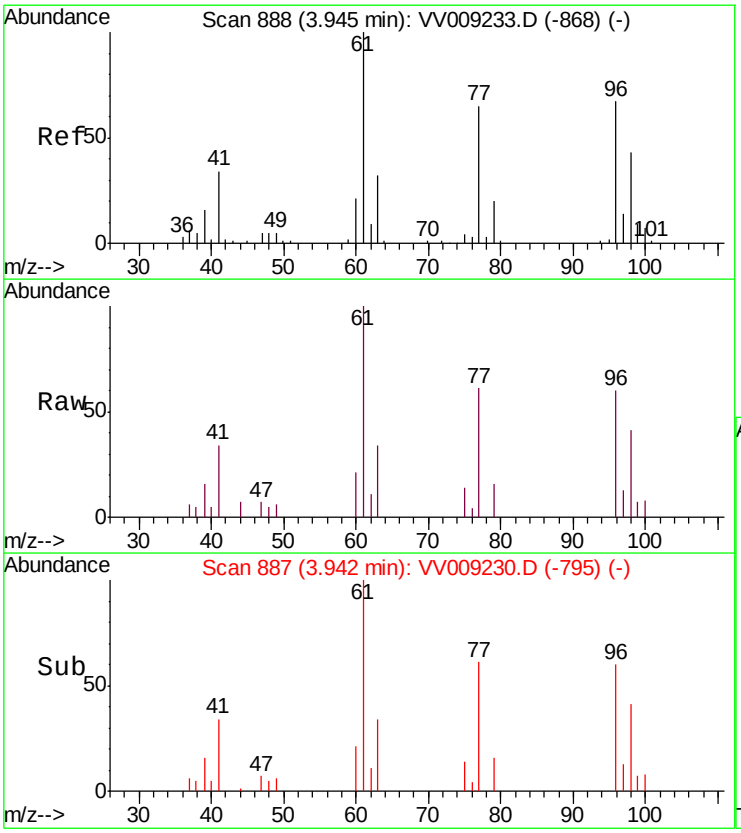

#25
2-Butanone
Concen: 21.175 ug/l
RT: 4.01 min Scan# 909
Delta R.T. 0.01 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion: 43 Resp: 7403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 21.0 | 20.2 | 30.4 |

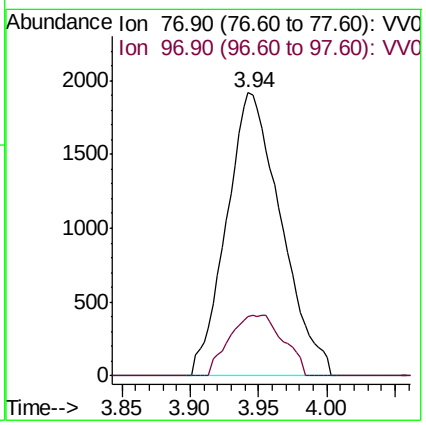


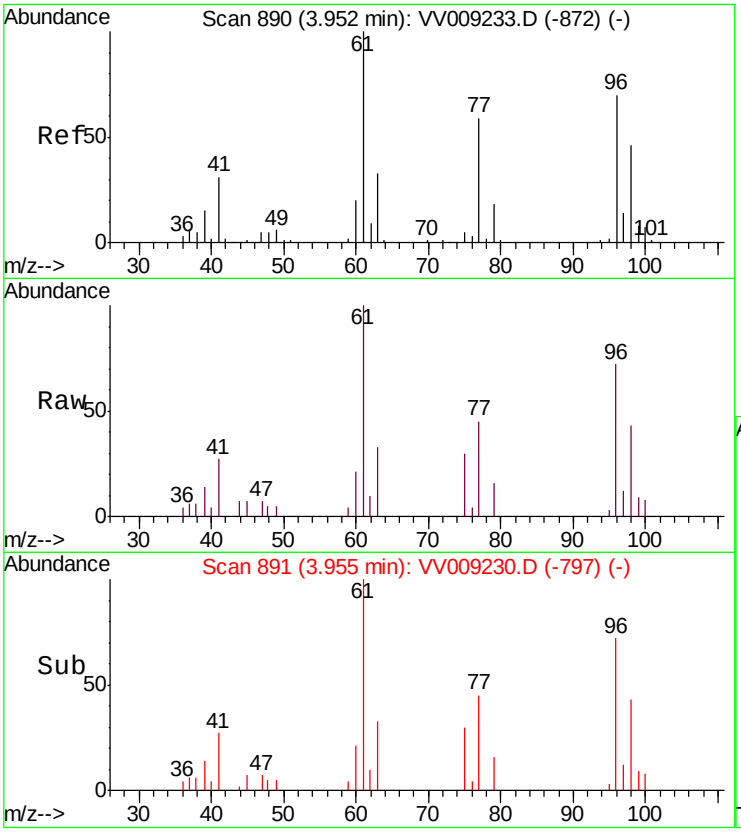




#26
2,2-Dichloropropane
Concen: 4.599 ug/l
RT: 3.94 min Scan# 887
Delta R.T. -0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 77 Resp: 5317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 21.2 | 10.9 | 32.6 |



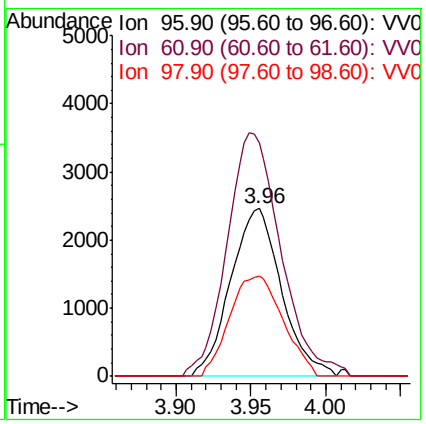


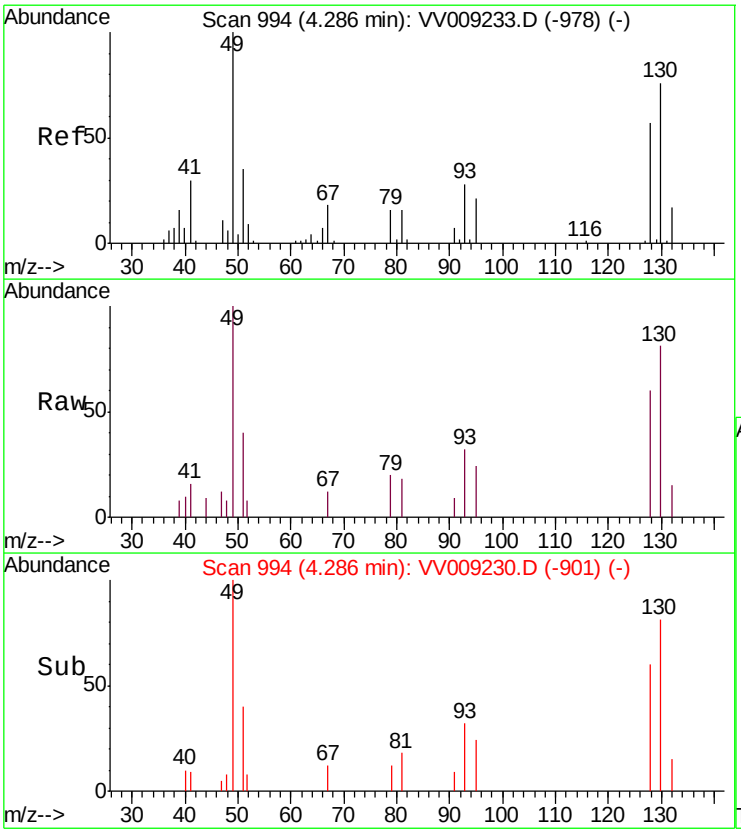

#27
cis-1,2-Dichloroethene
Concen: 4.647 ug/l
RT: 3.96 min Scan# 891
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion: 96 Resp: 5838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 153.4 | 0.0 | 296.4 |
| 98 | 62.6 | 0.0 | 130.0 |

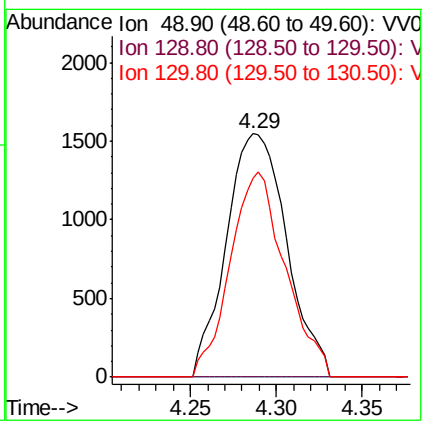


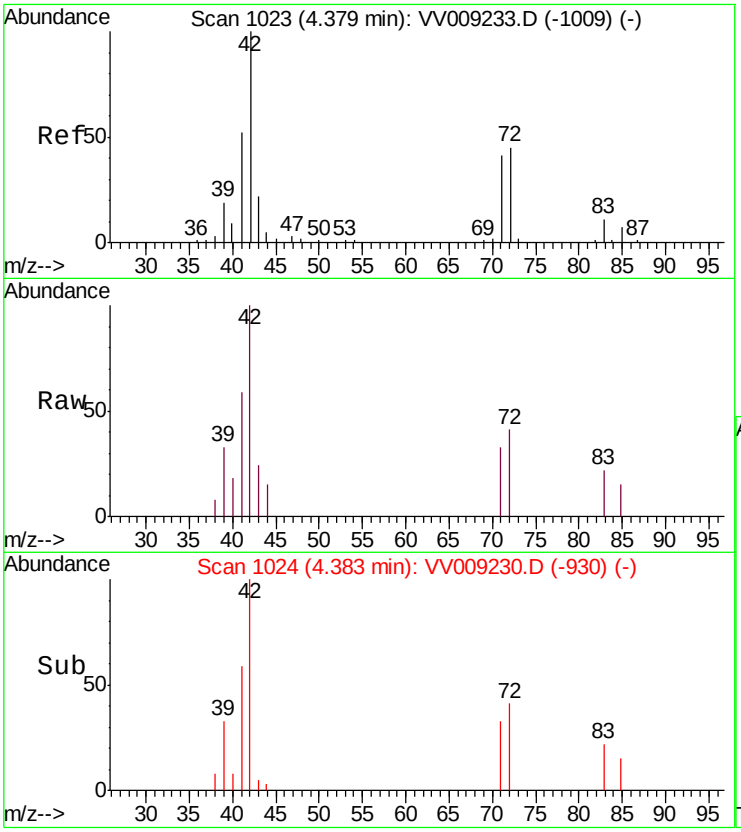




#28
Bromochloromethane
Concen: 4.499 ug/l
RT: 4.29 min Scan# 994
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 49 Resp: 3777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.0 | 0.0 | 3.6 |
| 130 | 76.6 | 60.2 | 90.4 |



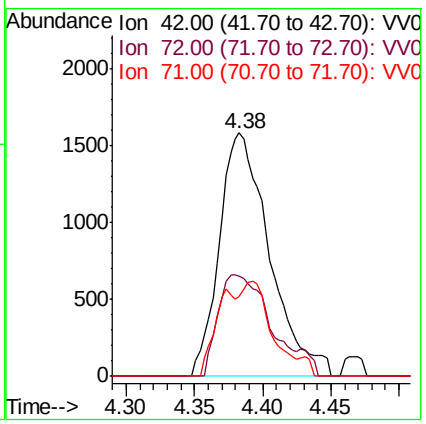


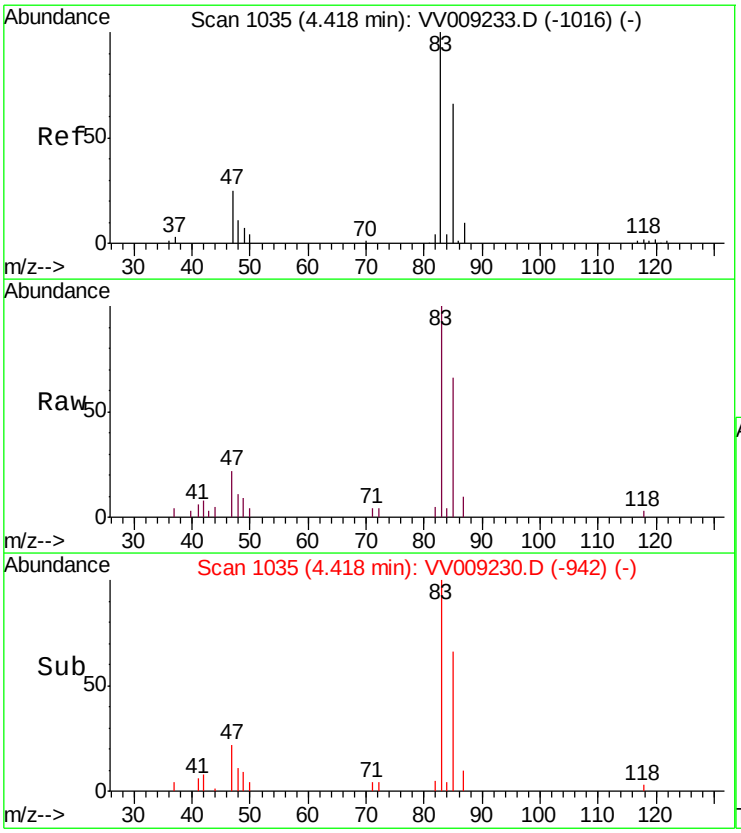

#29
Tetrahydrofuran
Concen: 20.216 ug/l
RT: 4.38 min Scan# 1024
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion: 42 Resp: 4049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 44.6 | 37.7 | 56.5 |
| 71 | 14.7 | 31.5 | 47.3# |

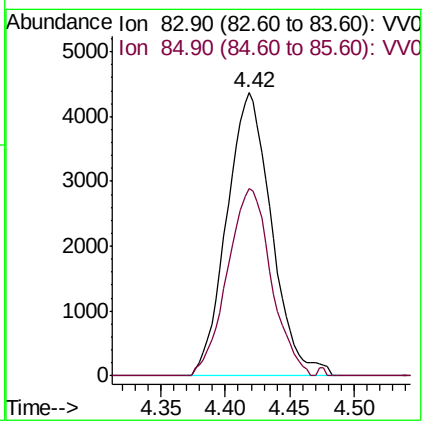


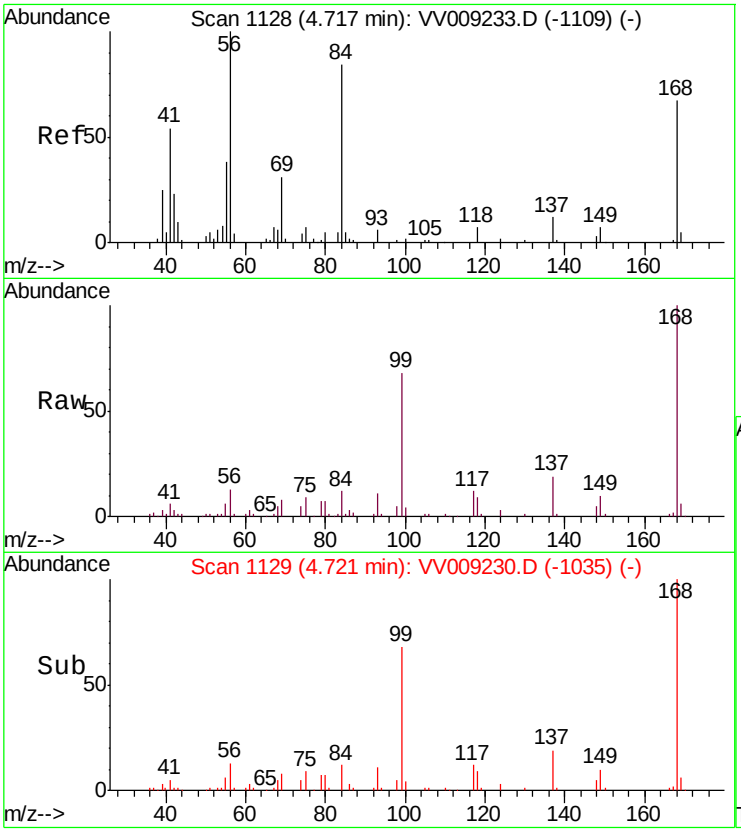




#30
Chloroform
Concen: 4.643 ug/l
RT: 4.42 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 83 Resp: 10551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.2 | 52.6 | 79.0 |



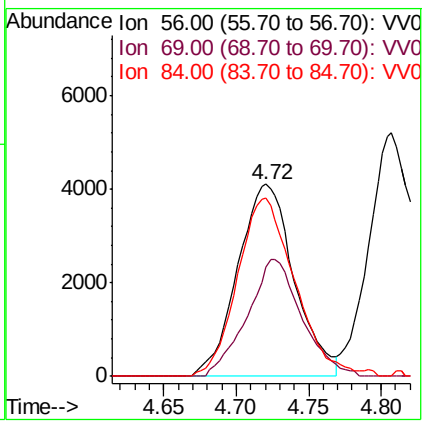


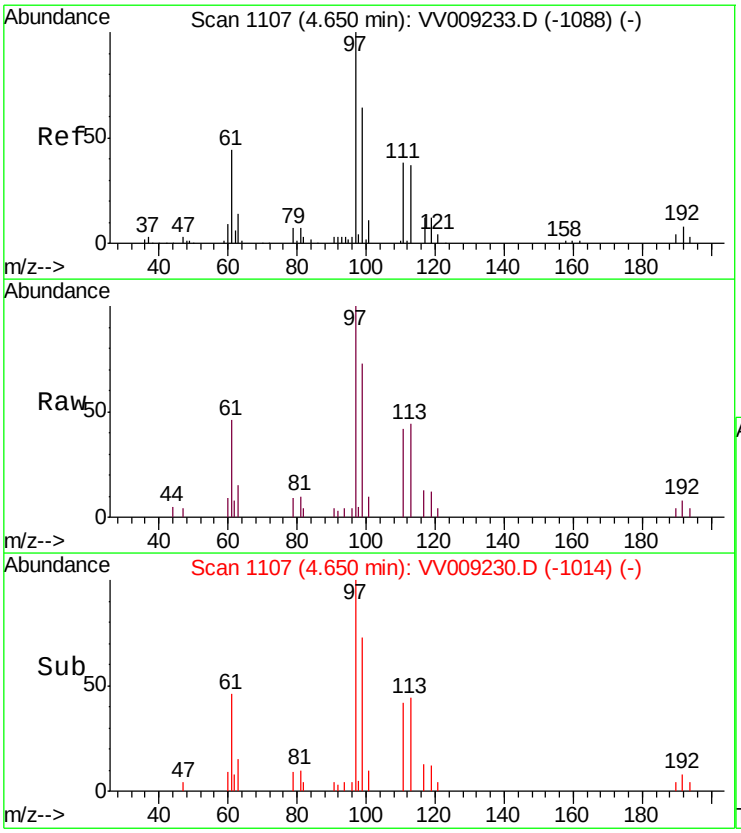

#31
Cyclohexane
Concen: 5.695 ug/l
RT: 4.72 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion: 56 Resp: 11098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 56.7 | 25.1 | 37.7# |
| 84 | 92.9 | 67.3 | 100.9 |

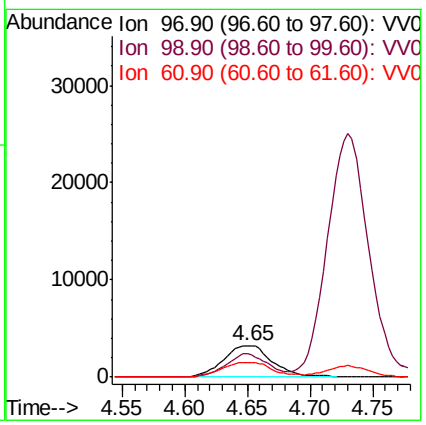


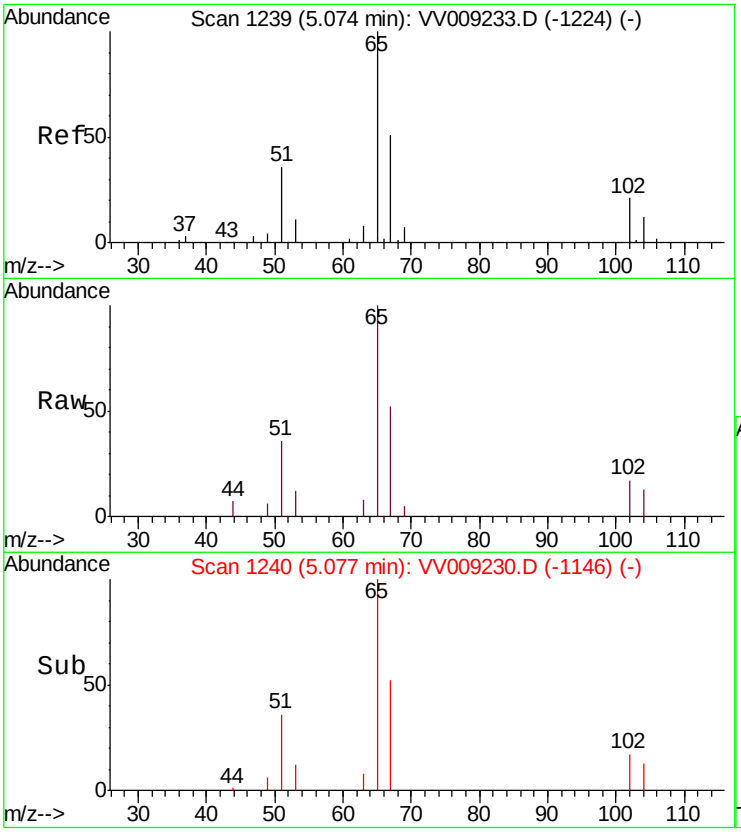




#32
1,1,1-Trichloroethane
Concen: 4.811 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 97 Resp: 8723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.6 | 50.2 | 75.2 |
| 61 | 48.3 | 34.7 | 52.1 |



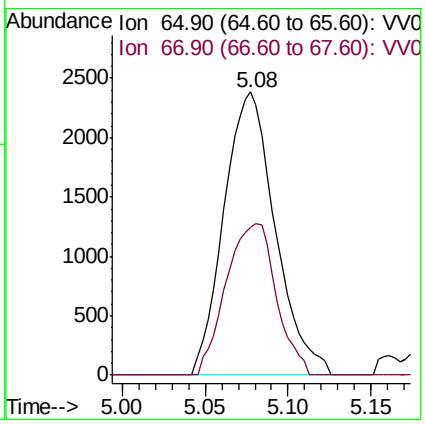


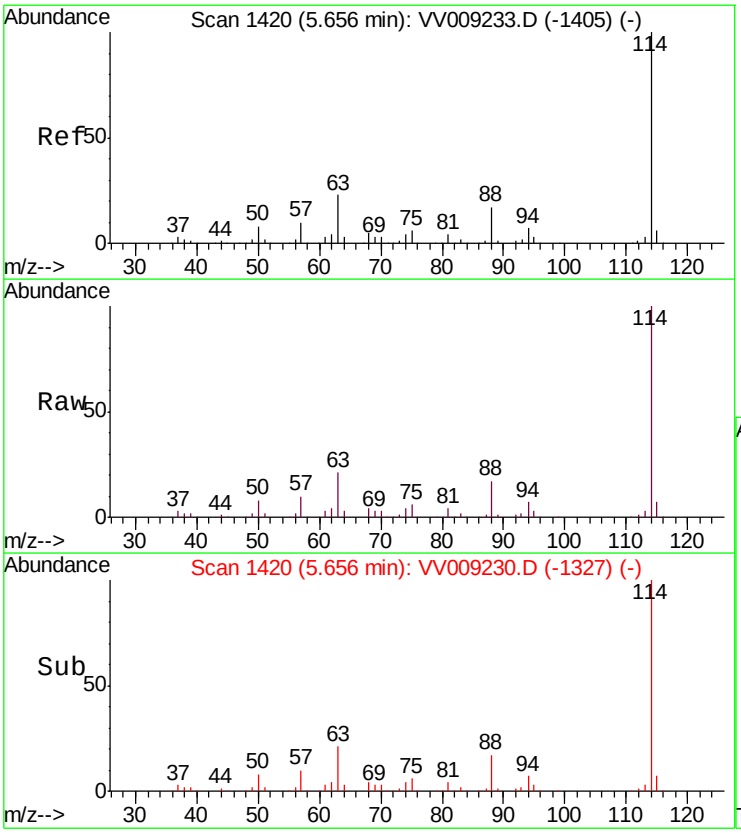

#33
1,2-Dichloroethane-d4
Concen: 4.257 ug/l
RT: 5.08 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :** MSVOA_V
**ClientSampleId :** VSTDICC005

Tgt Ion: 65 Resp: 5132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.0 | 0.0 | 102.8 |

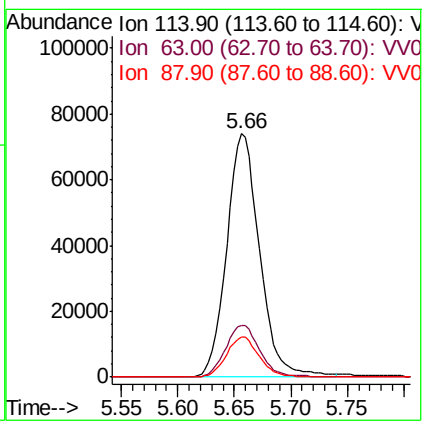


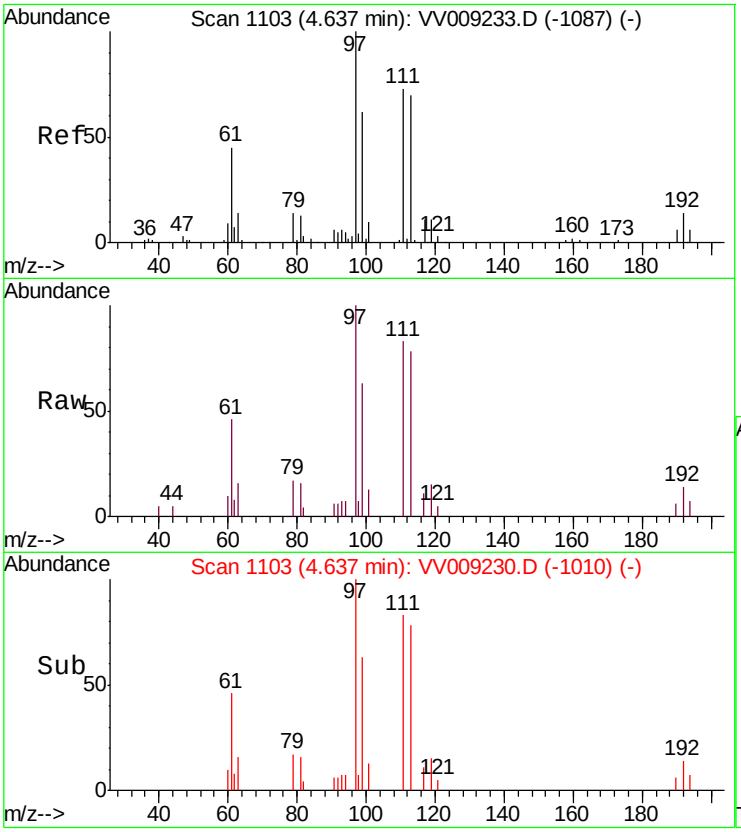




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 1420
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion:114 Resp: 150139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.4 | 0.0 | 45.2 |
| 88 | 16.6 | 0.0 | 33.4 |



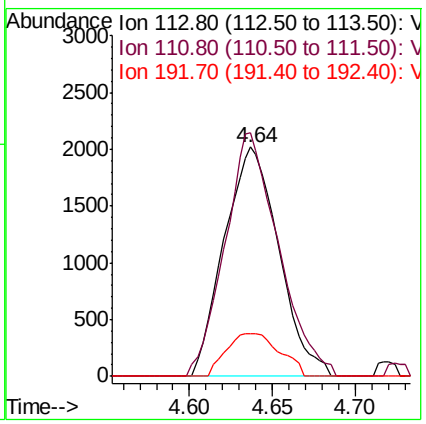


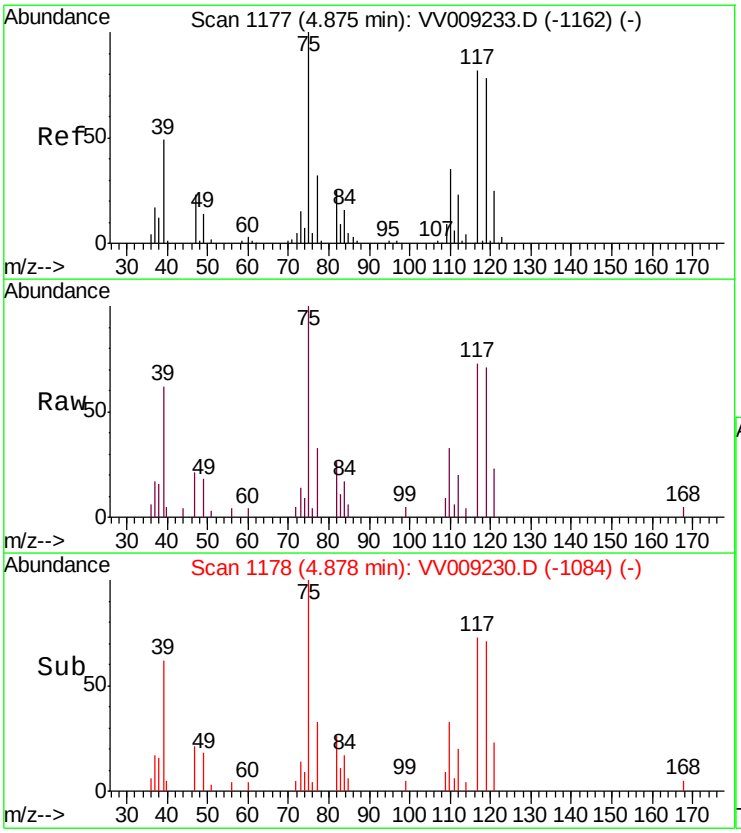

#35
Dibromofluoromethane
Concen: 4.648 ug/l
RT: 4.64 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion:113 Resp: 4628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.2 | 82.4 | 123.6 |
| 192 | 18.1 | 15.0 | 22.6 |

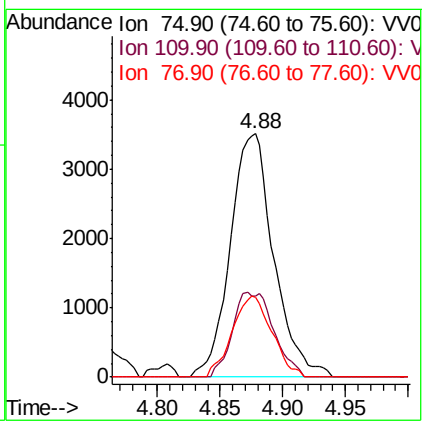


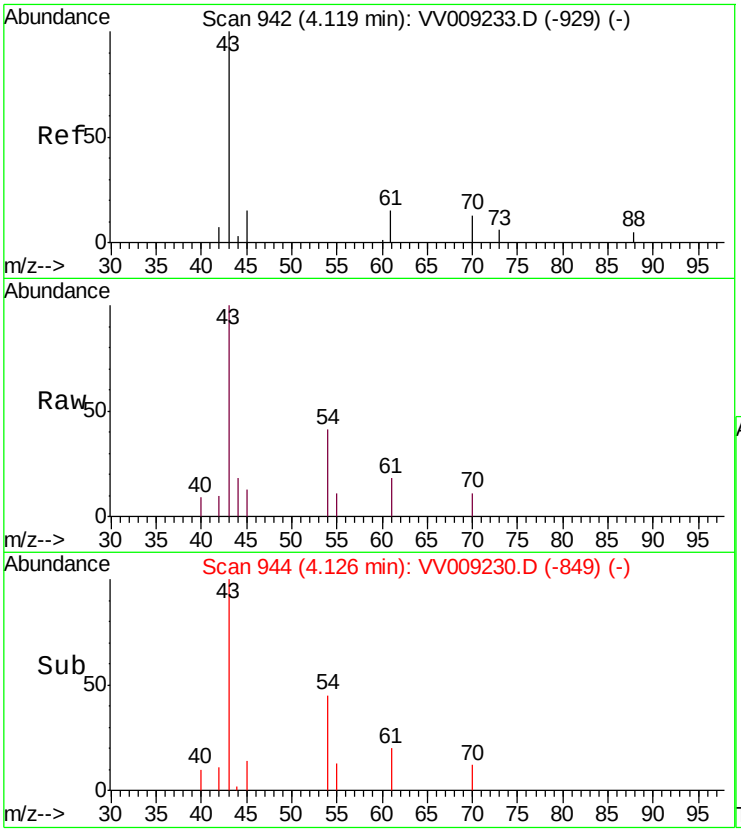




#36
1,1-Dichloropropene
Concen: 5.200 ug/l
RT: 4.88 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 75 Resp: 8453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 33.1 | 17.5 | 52.5 |
| 77 | 30.3 | 25.5 | 38.3 |



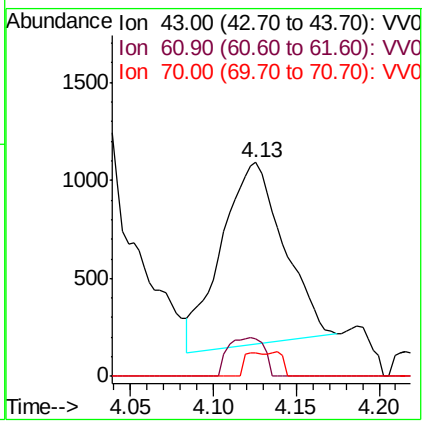


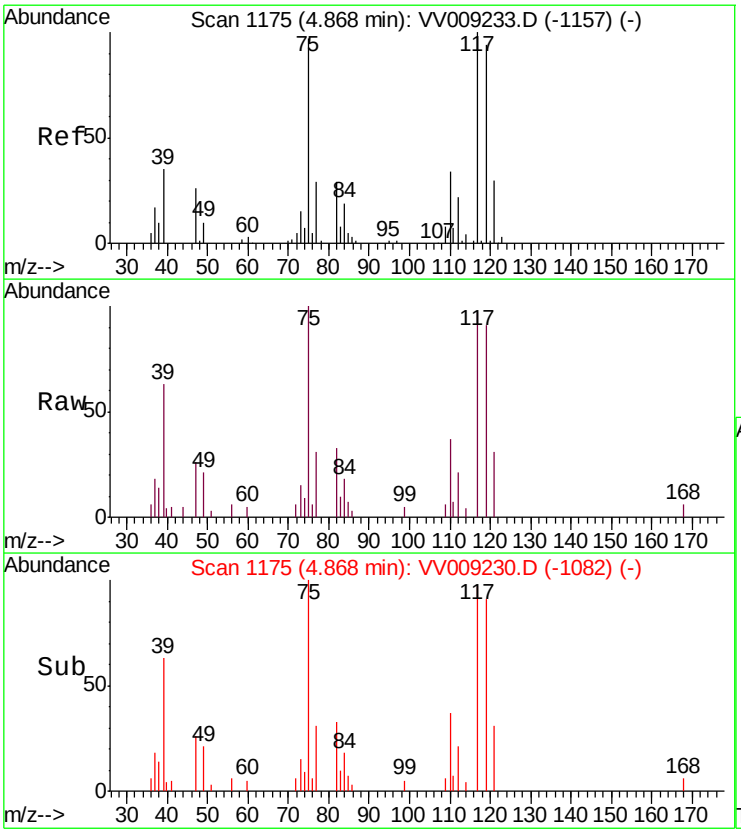

#37
Ethyl Acetate
Concen: 3.584 ug/l
RT: 4.13 min Scan# 944
Delta R.T. 0.01 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion: 43 Resp: 2434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 12.0 | 12.0 | 18.0 |
| 70 | 3.7 | 8.7 | 13.1# |

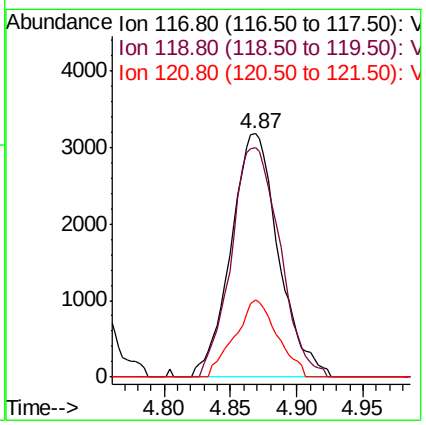


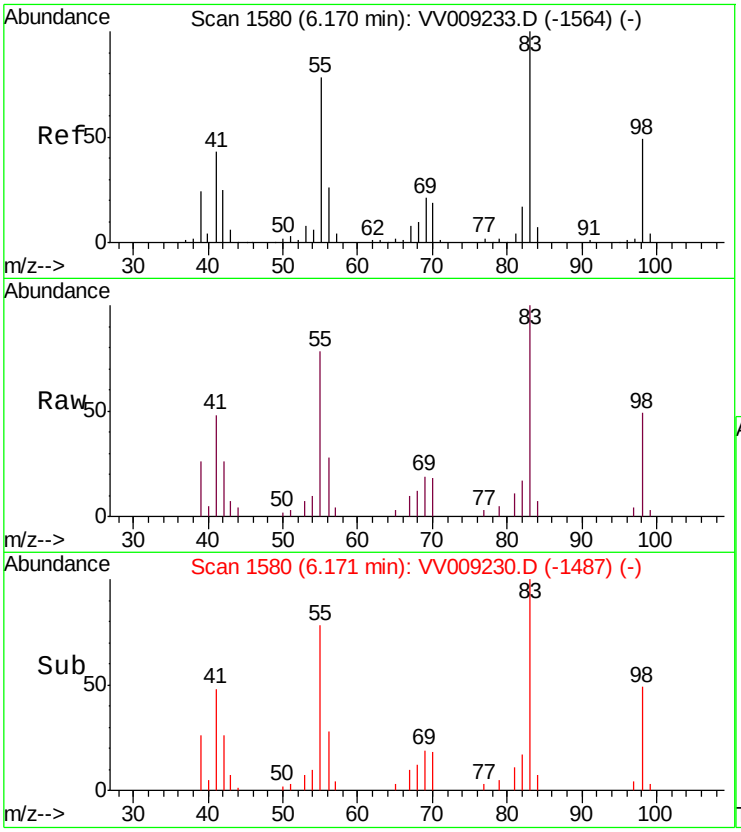




#38
Carbon Tetrachloride
Concen: 4.926 ug/l
RT: 4.87 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion:117 Resp: 7957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.1 | 75.4 | 113.2 |
| 121 | 31.7 | 24.2 | 36.2 |



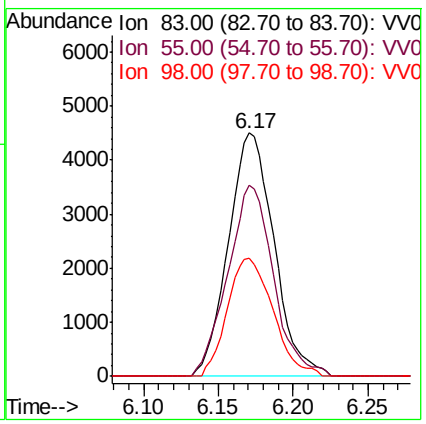


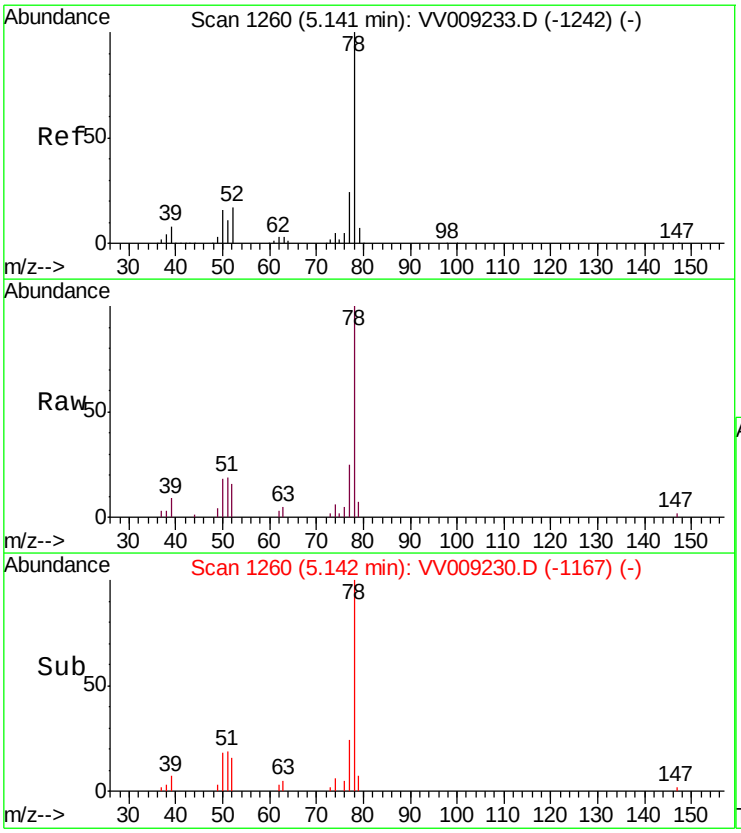

#39
Methylcyclohexane
Concen: 5.123 ug/l
RT: 6.17 min Scan# 1580
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion: 83 Resp: 9584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 78.4 | 62.8 | 94.2 |
| 98 | 48.7 | 39.1 | 58.7 |

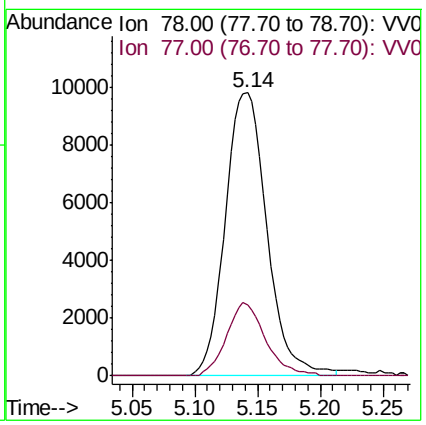


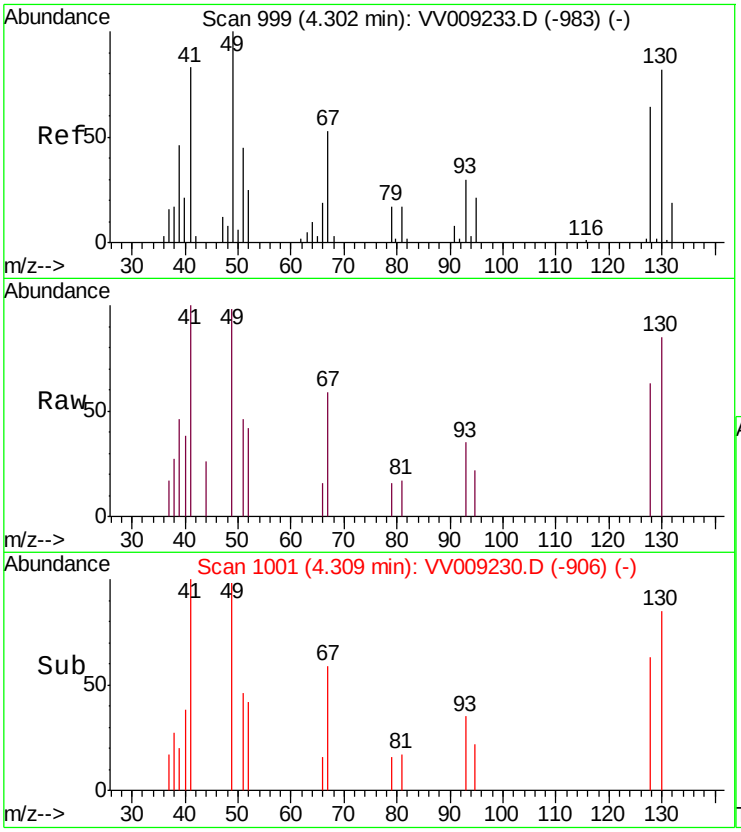




#40
Benzene
Concen: 4.943 ug/l
RT: 5.14 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 78 Resp: 22697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 25.0 | 19.4 | 29.2 |



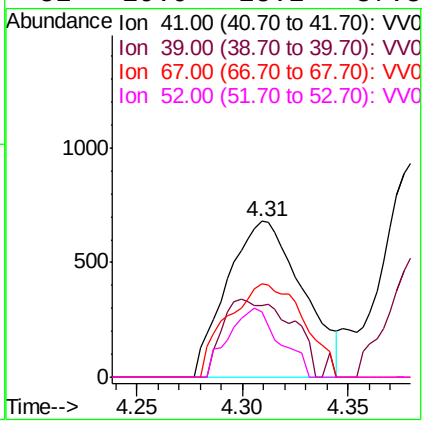


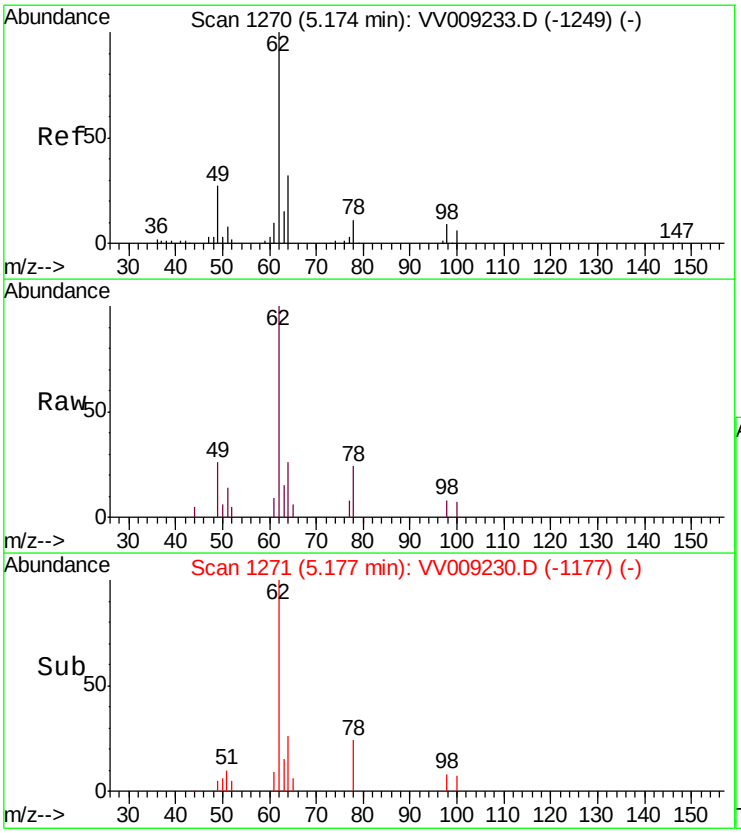

#41
Methacrylonitrile
Concen: 4.260 ug/l
RT: 4.31 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion: 41 Resp: 1694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 45.1 | 45.4 | 68.0# |
| 67 | 59.9 | 55.5 | 83.3 |
| 52 | 29.9 | 25.2 | 37.8 |

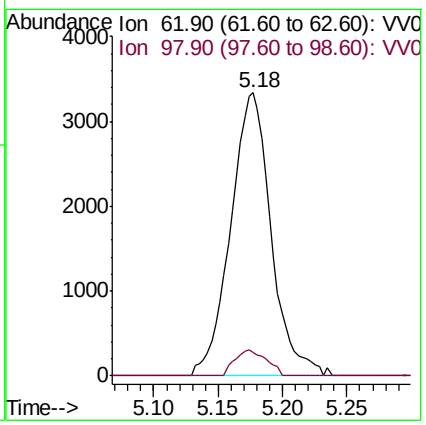


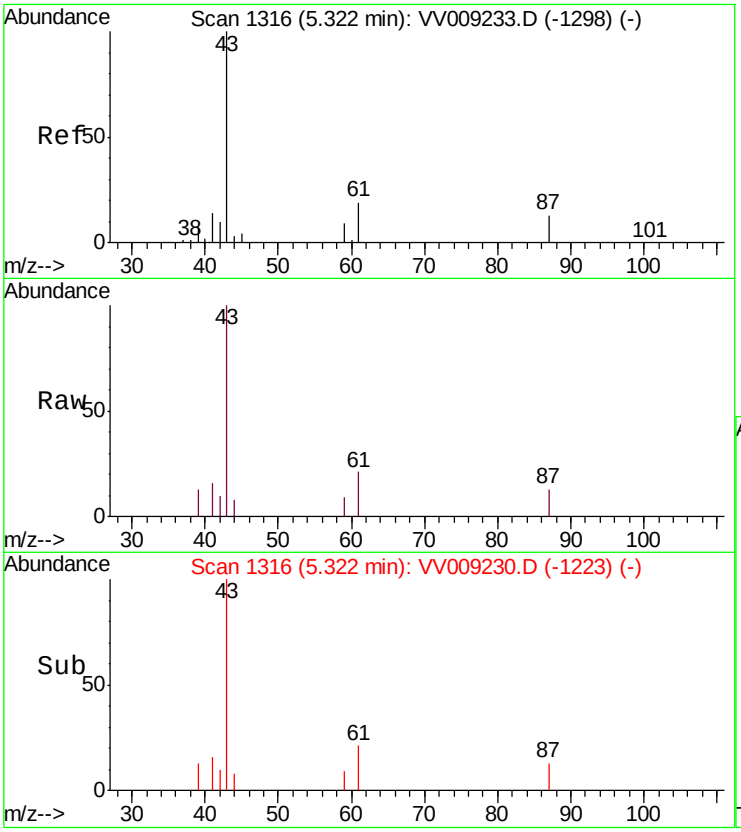




#42
1,2-Dichloroethane
Concen: 4.763 ug/l
RT: 5.18 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 62 Resp: 7297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 7.1 | 0.0 | 16.4 |



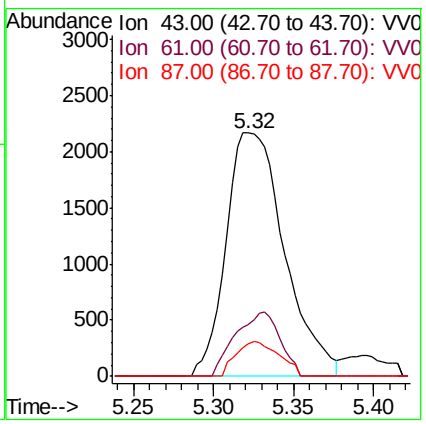


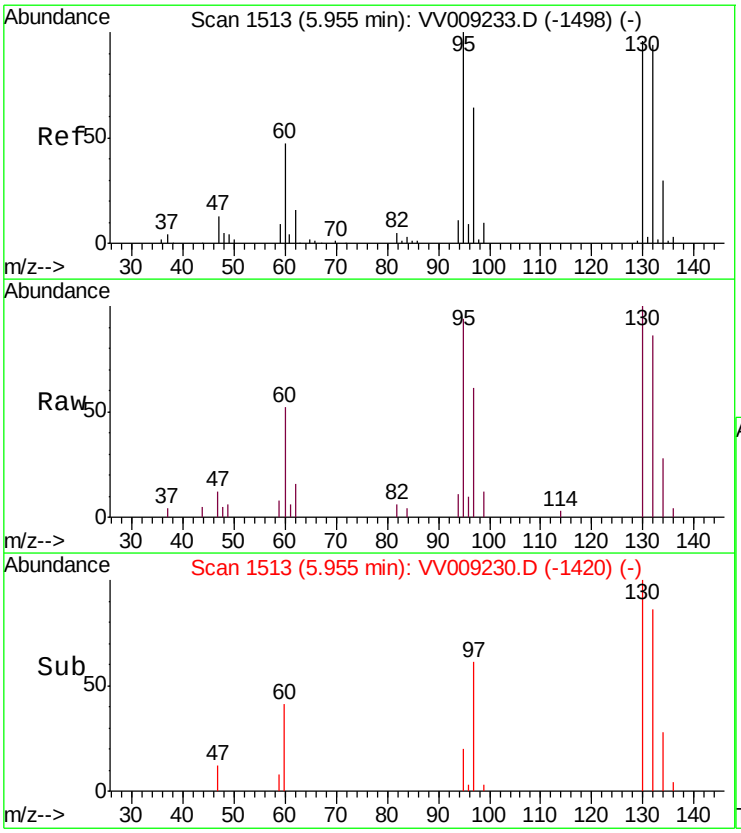

#43
Isopropyl Acetate
Concen: 4.026 ug/l
RT: 5.32 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :** MSVOA_V
**ClientSampleId :** VSTDICC005

Tgt Ion: 43 Resp: 5432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.0 | 15.4 | 23.0 |
| 87 | 10.4 | 9.9 | 14.9 |

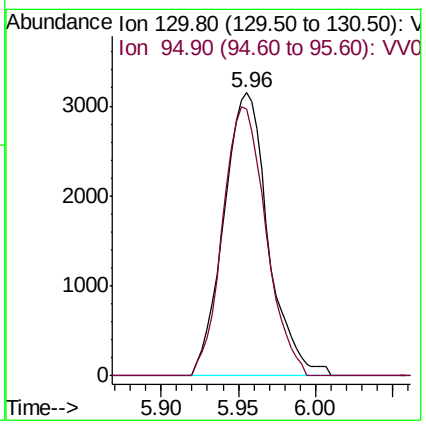


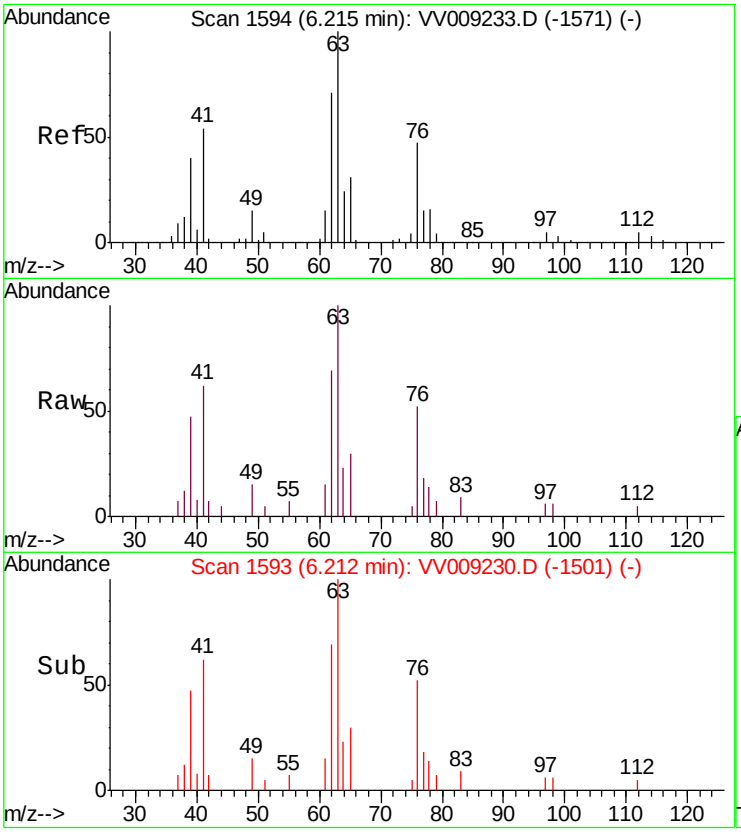




#44
Trichloroethene
Concen: 5.320 ug/l
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion:130 Resp: 6290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 94.2 | 0.0 | 208.2 |



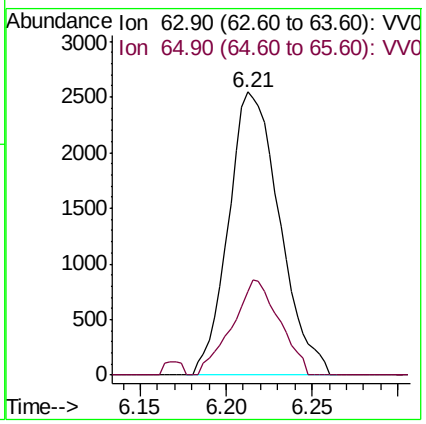


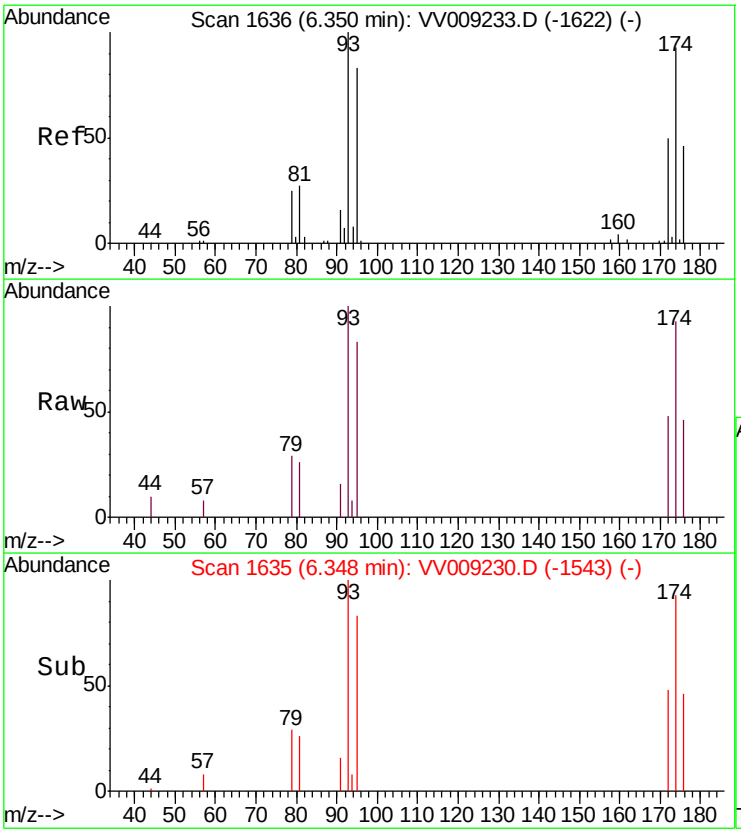

#45
1,2-Dichloropropane
Concen: 4.702 ug/l
RT: 6.21 min Scan# 1593
Delta R.T. -0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion: 63 Resp: 5262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 29.6 | 25.1 | 37.7 |

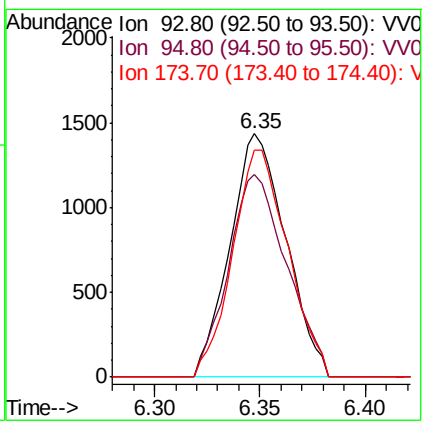


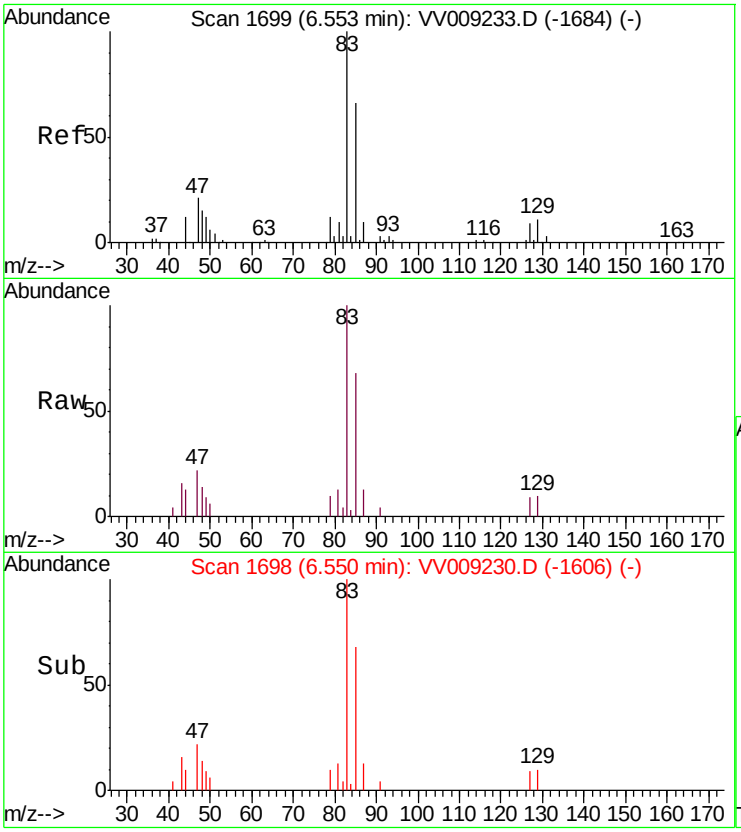




#46
Dibromomethane
Concen: 4.328 ug/l
RT: 6.35 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 93 Resp: 2639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 86.9 | 64.6 | 97.0 |
| 174 | 92.2 | 74.0 | 111.0 |



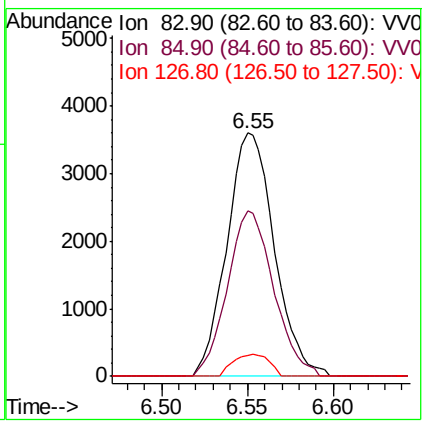


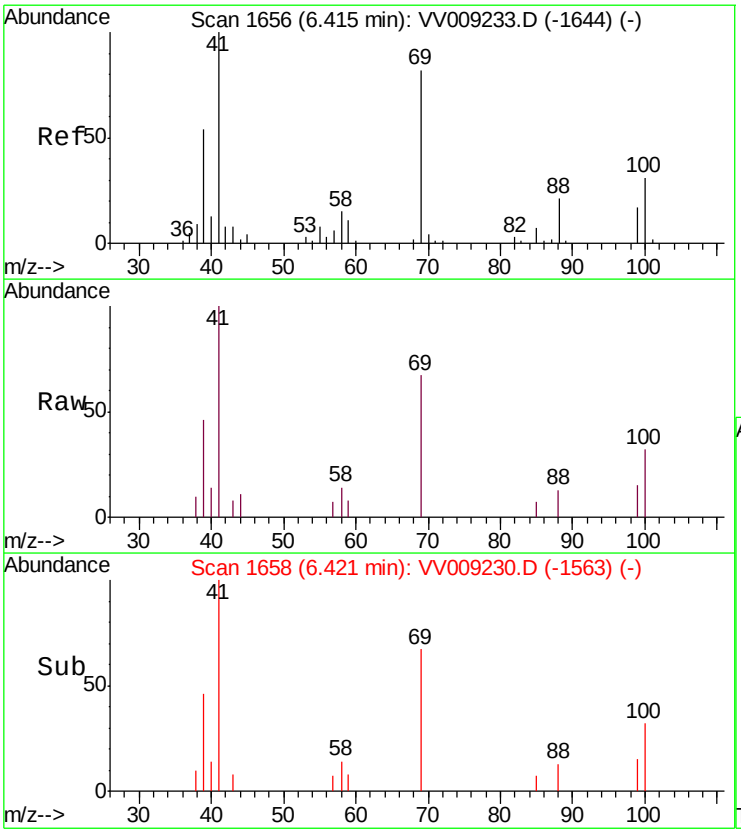

#47
Bromodichloromethane
Concen: 4.358 ug/l
RT: 6.55 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :** MSVOA_V
**ClientSampleId :** VSTDICC005

Tgt Ion: 83 Resp: 6933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 67.8 | 52.6 | 78.8 |
| 127 | 8.5 | 7.0 | 10.6 |

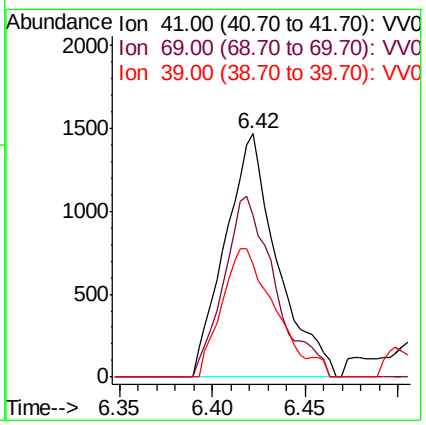


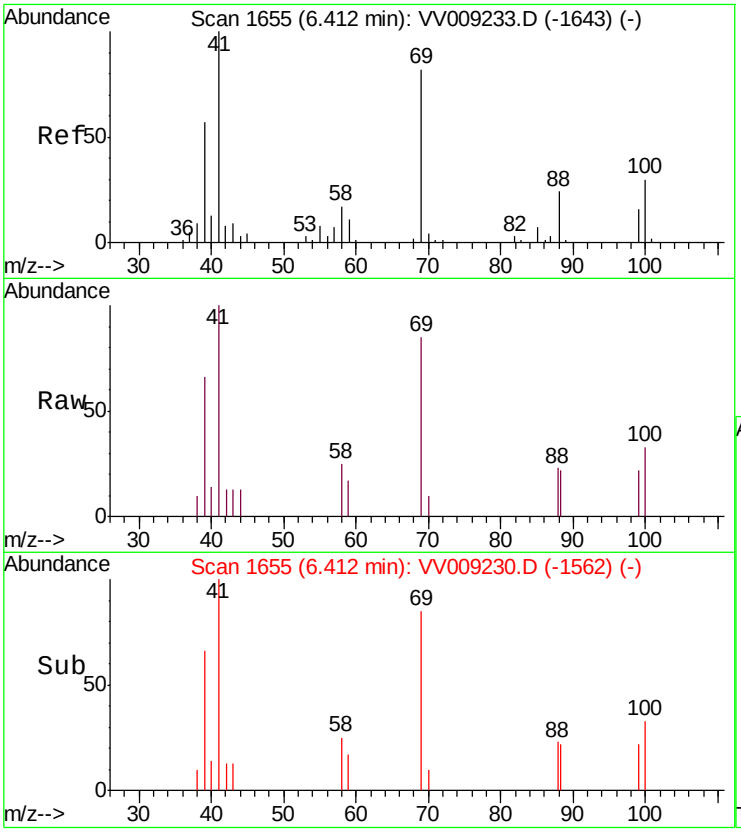




#48
Methyl methacrylate
Concen: 4.202 ug/l
RT: 6.42 min Scan# 1658
Delta R.T. 0.01 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 41 Resp: 2874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 73.0 | 65.8 | 98.6 |
| 39 | 54.1 | 43.4 | 65.0 |



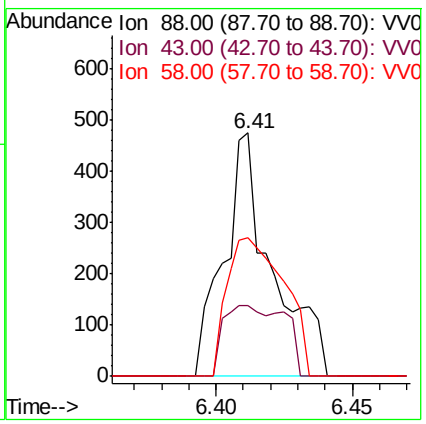


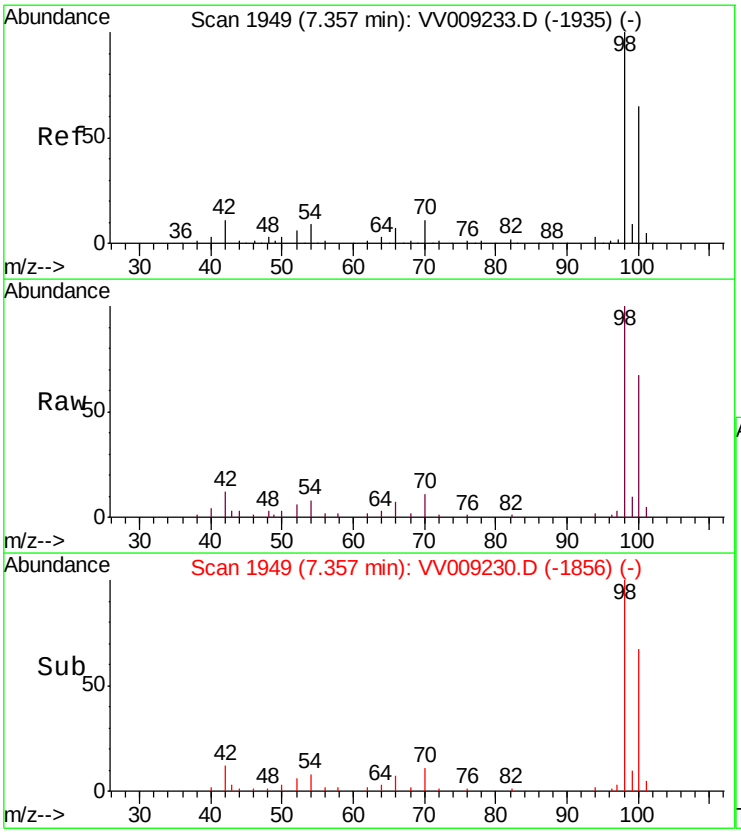

#49
1,4-Dioxane
Concen: 74.325 ug/l
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :** MSVOA_V
**ClientSampleId :** VSTDICC005

Tgt Ion: 88 Resp: 588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 25.0 | 31.9 | 47.9# |
| 58 | 67.5 | 62.0 | 93.0 |

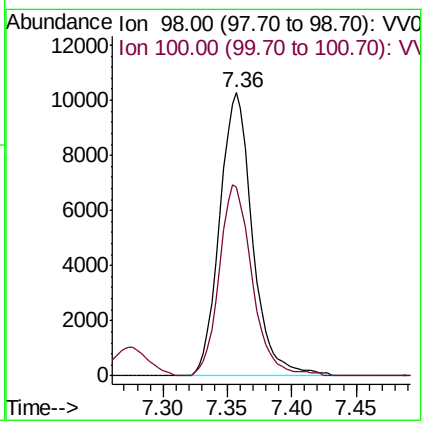


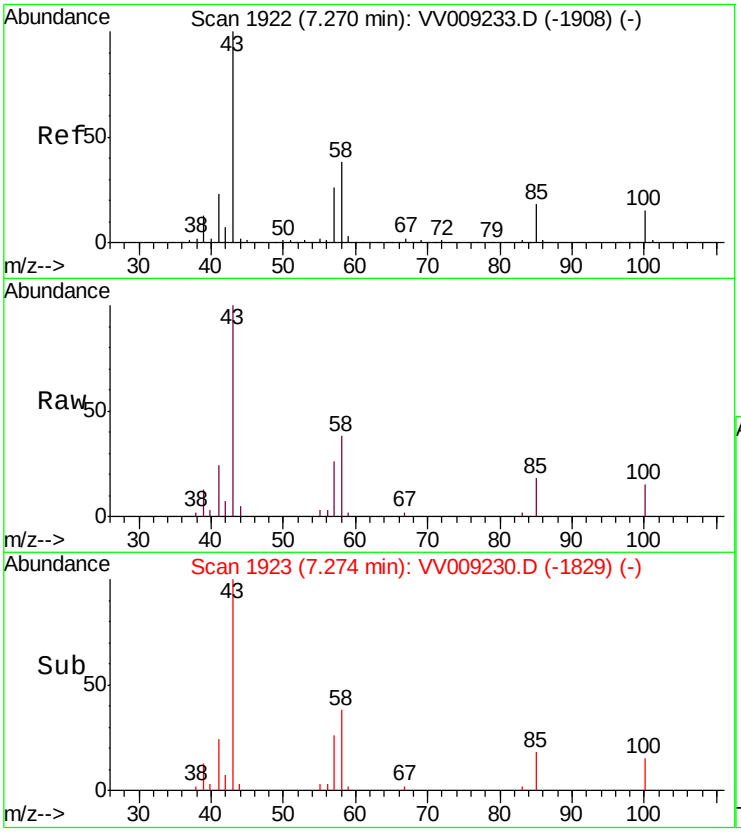




#50
Toluene-d8
Concen: 4.747 ug/l
RT: 7.36 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 98 Resp: 18173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.8 | 52.2 | 78.2 |



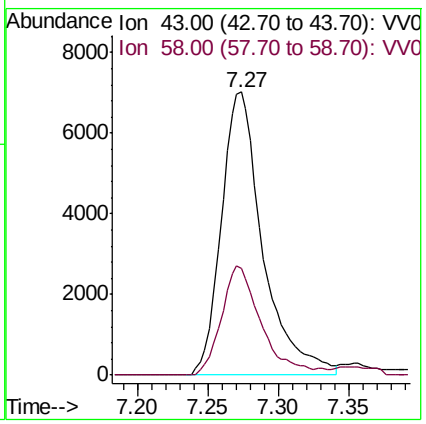


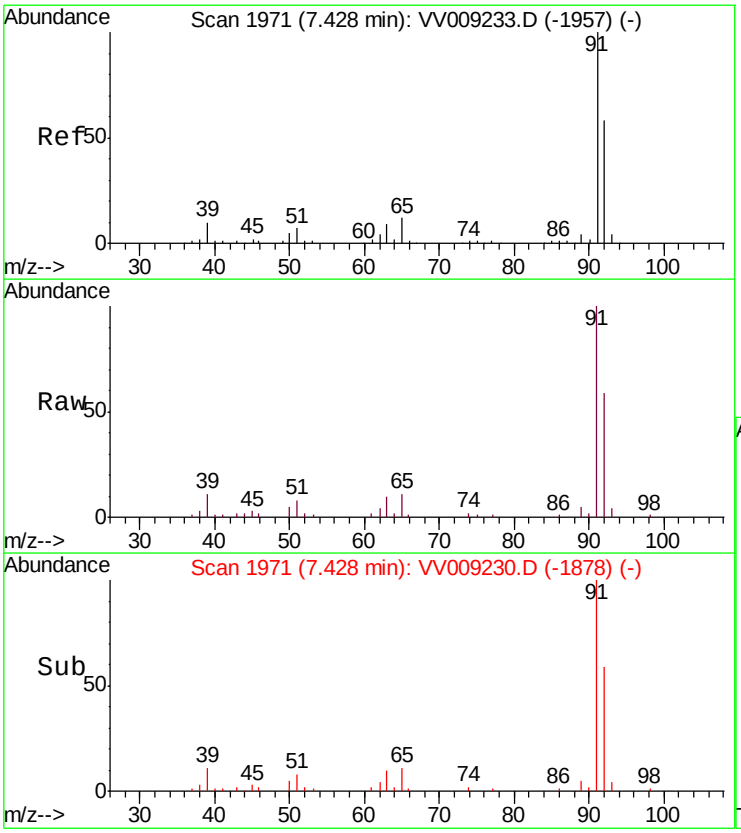

#51
4-Methyl-2-Pentanone
Concen: 21.368 ug/l
RT: 7.27 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion: 43 Resp: 14423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.5 | 30.4 | 45.6 |

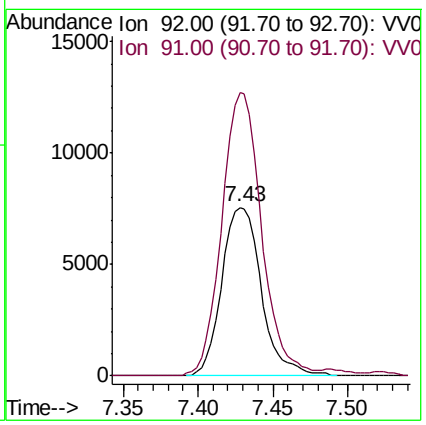


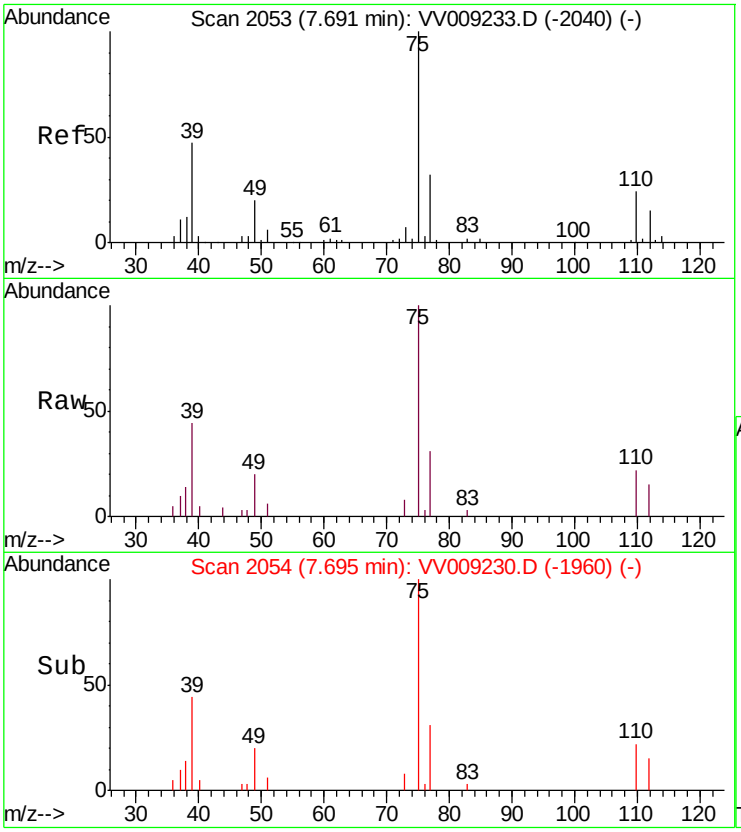




#52
Toluene
Concen: 4.833 ug/l
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 92 Resp: 13930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 168.9 | 137.2 | 205.8 |



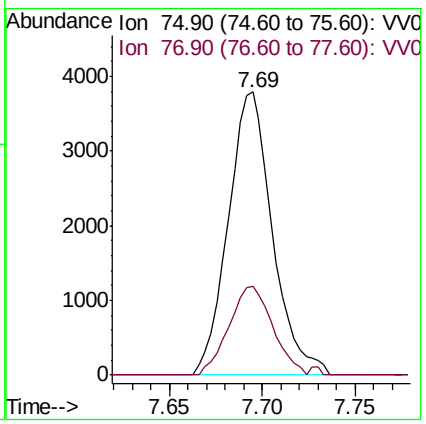


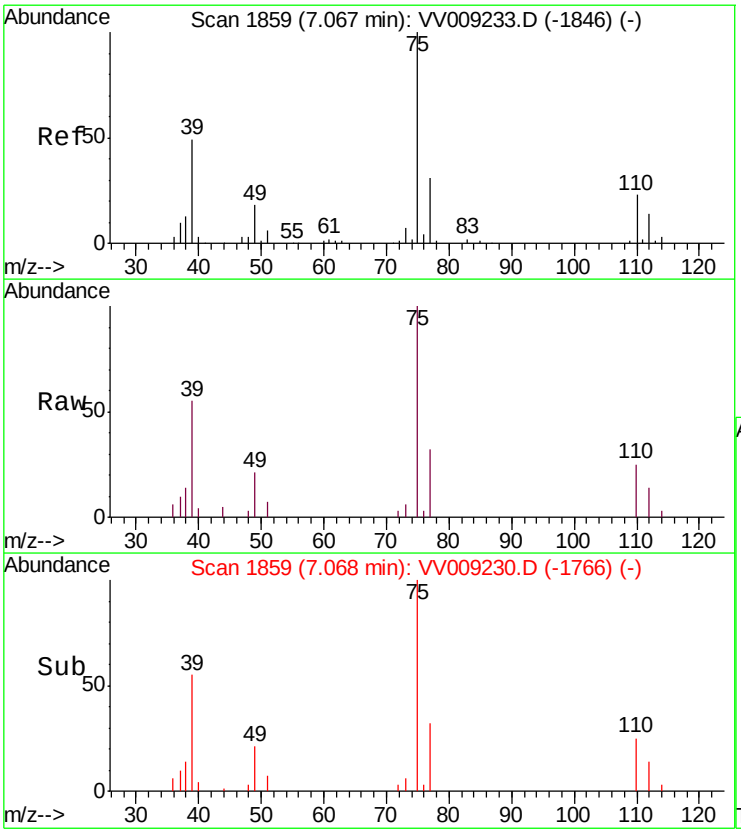

#53
t-1,3-Dichloropropene
Concen: 4.049 ug/l
RT: 7.69 min Scan# 2054
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion: 75 Resp: 6266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.3 | 25.8 | 38.8 |

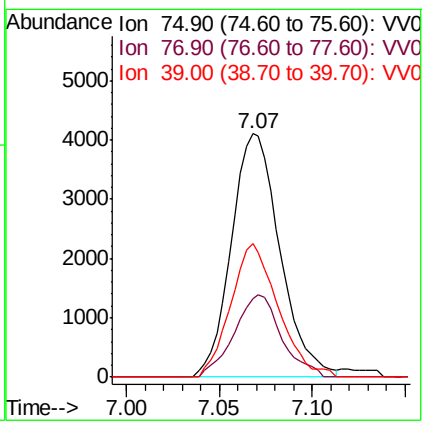


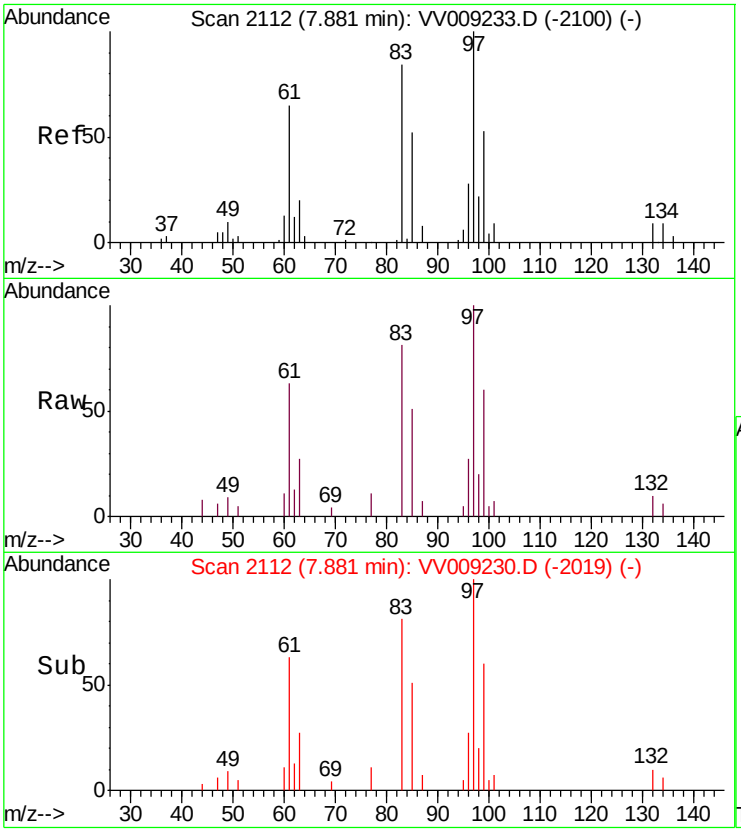




#54
cis-1,3-Dichloropropene
Concen: 4.262 ug/l
RT: 7.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 75 Resp: 7473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.1 | 25.1 | 37.7 |
| 39 | 54.7 | 38.8 | 58.2 |



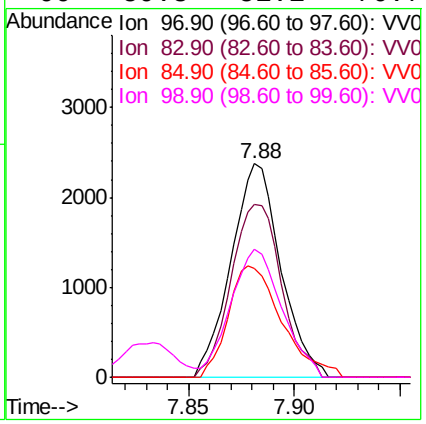


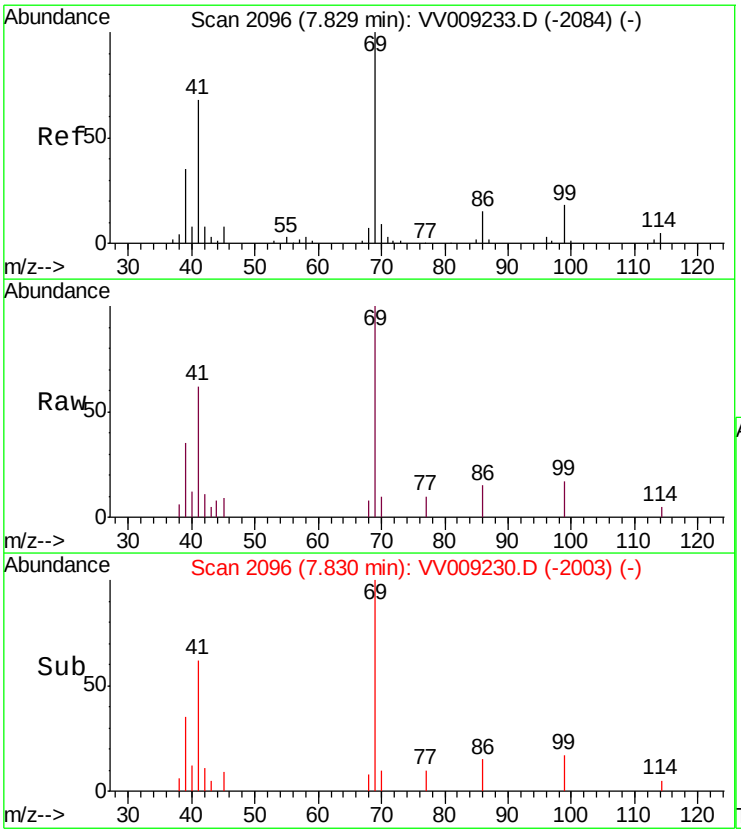

#55
1,1,2-Trichloroethane
Concen: 4.716 ug/l
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion: 97 Resp: 3896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 80.9 | 67.4 | 101.0 |
| 85 | 50.9 | 42.6 | 64.0 |
| 99 | 59.8 | 51.1 | 76.7 |

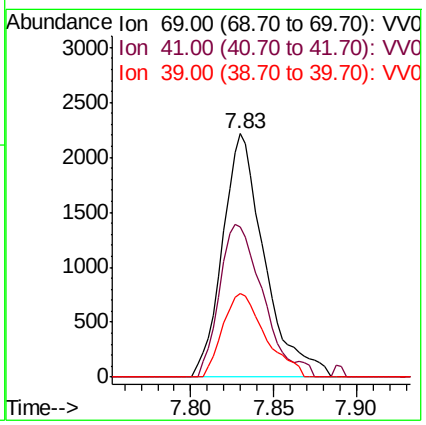


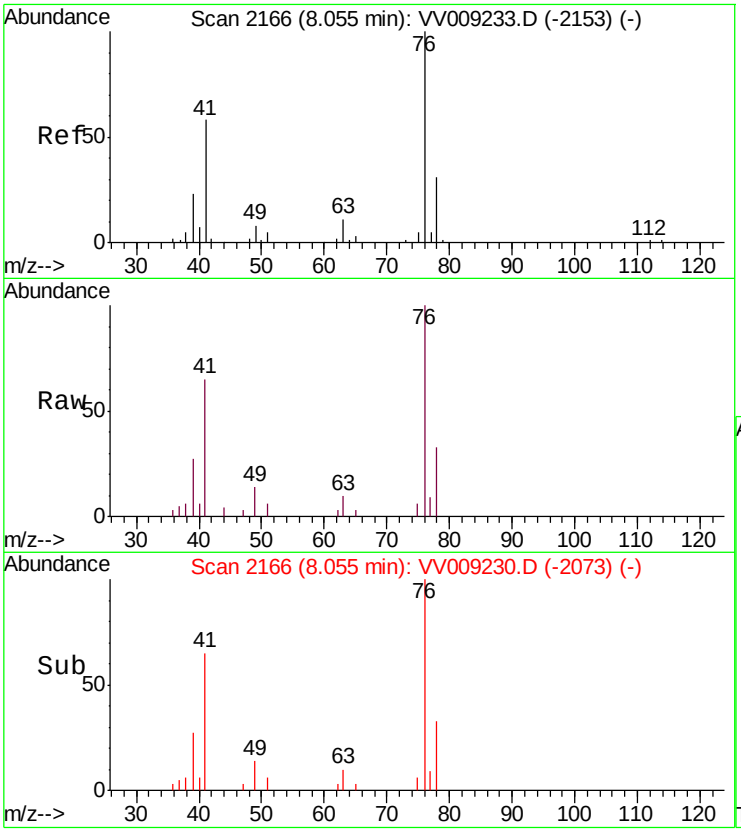




#56
Ethyl methacrylate
Concen: 3.902 ug/l
RT: 7.83 min Scan# 2096
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 69 Resp: 3905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 65.1 | 54.0 | 81.0 |
| 39 | 34.6 | 26.8 | 40.2 |



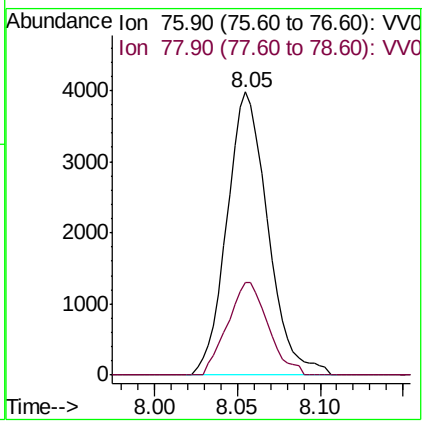


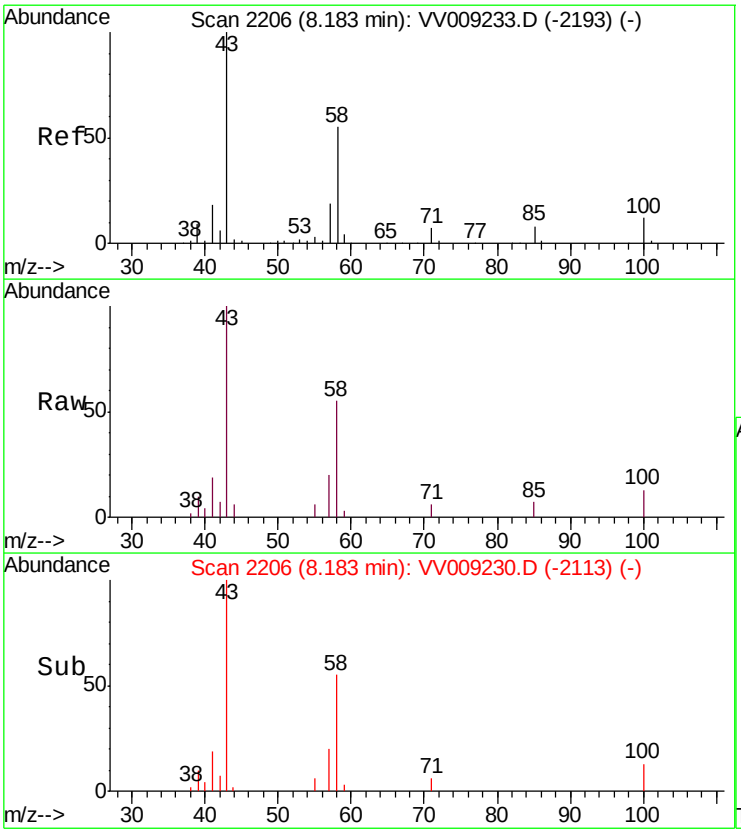

#57
1,3-Dichloropropane
Concen: 4.501 ug/l
RT: 8.05 min Scan# 2166
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion: 76 Resp: 6855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.3 | 25.5 | 38.3 |

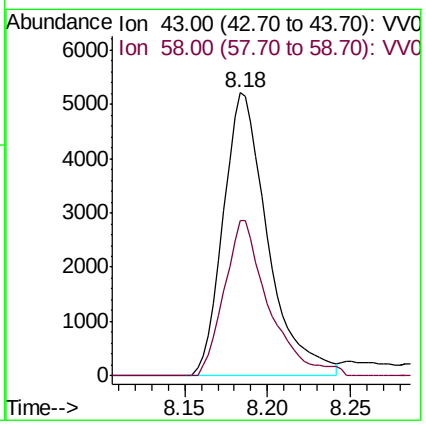


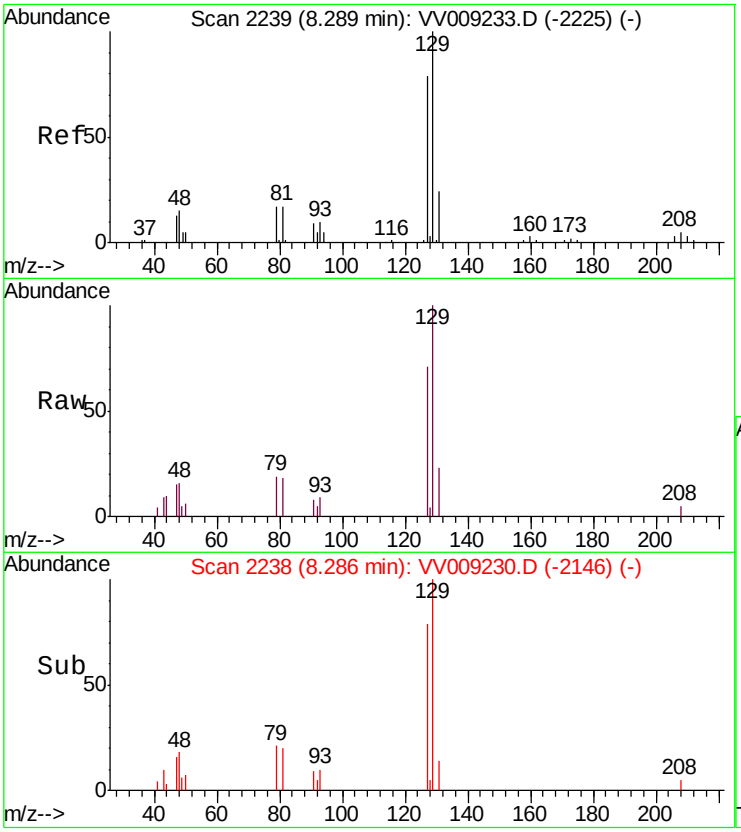




#59
2-Hexanone
Concen: 19.480 ug/l
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 43 Resp: 9746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 54.8 | 27.5 | 82.5 |



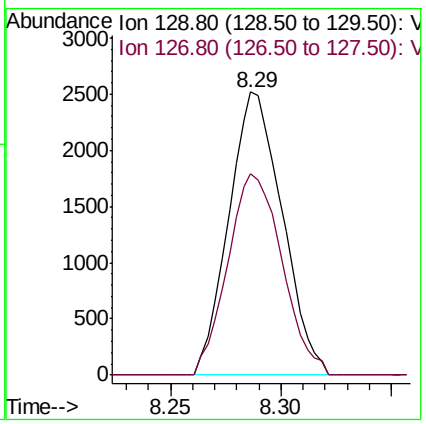


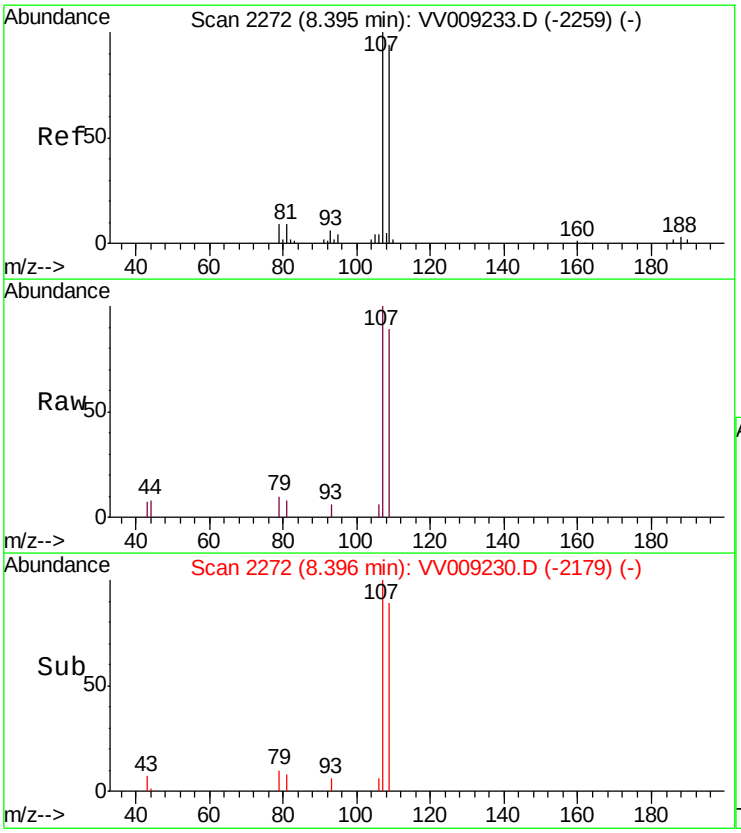

#60
Dibromochloromethane
Concen: 4.300 ug/l
RT: 8.29 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion:129 Resp: 4230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 72.4 | 38.8 | 116.4 |

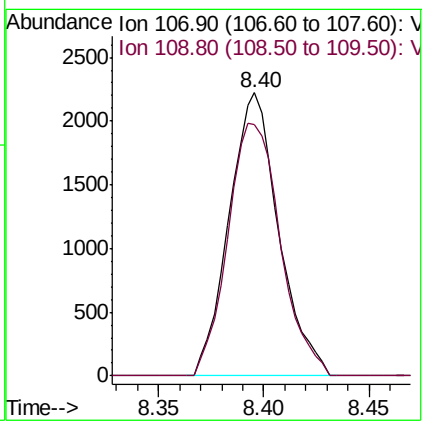


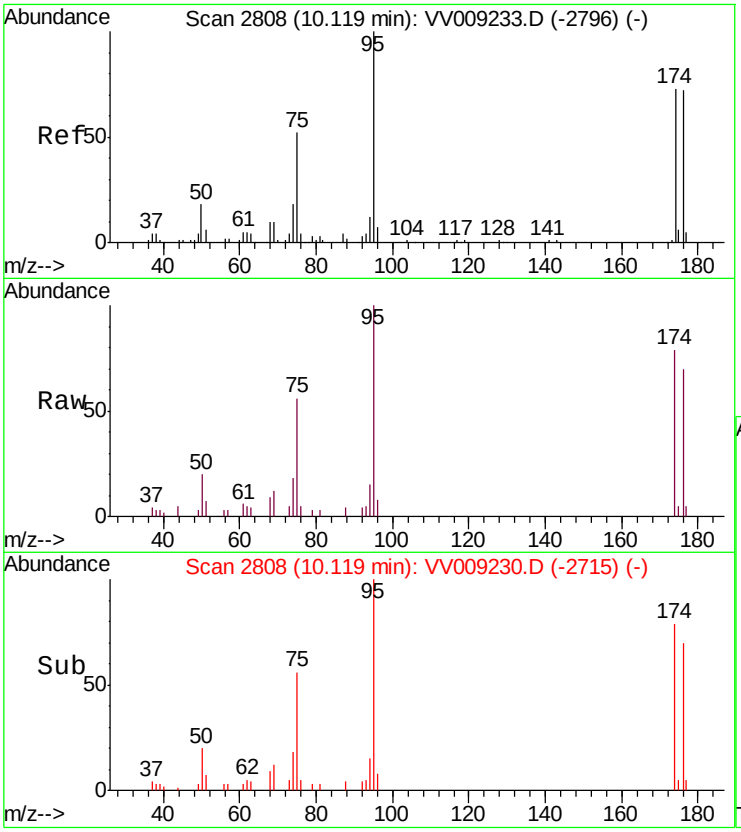




#61
1,2-Dibromoethane
Concen: 4.436 ug/l
RT: 8.40 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion:107 Resp: 3632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.5 | 76.2 | 114.2 |



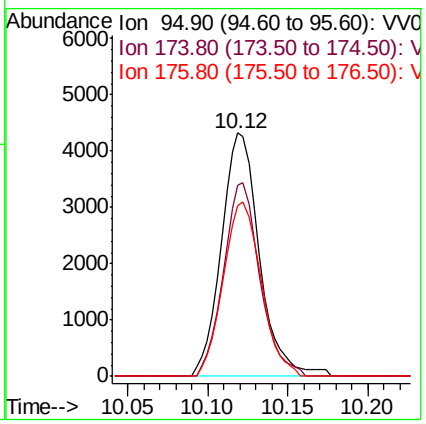


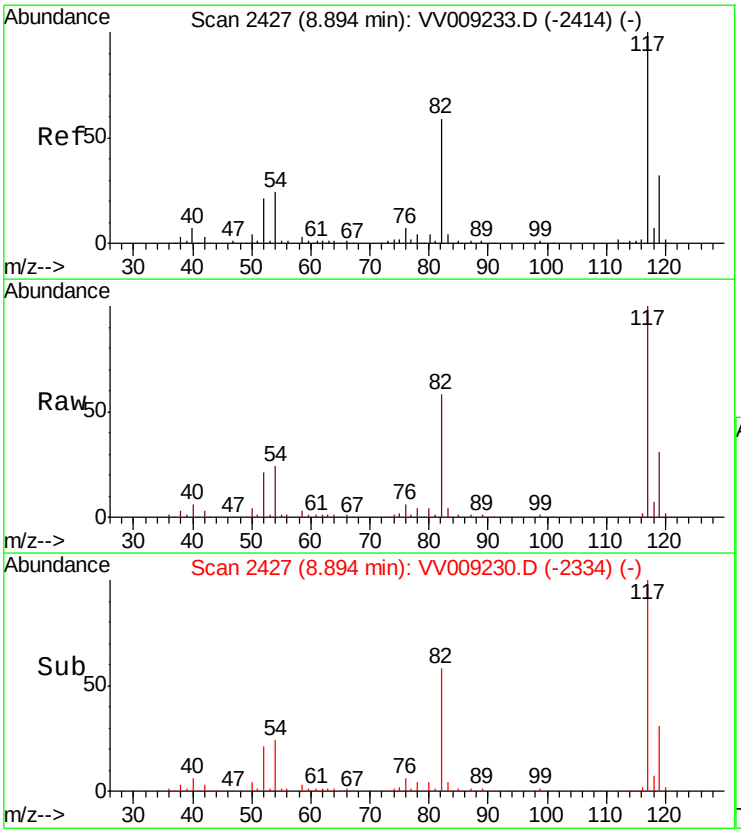

#62
4-Bromofluorobenzene
Concen: 4.761 ug/l
RT: 10.12 min Scan# 2808
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :** MSVOA_V
**ClientSampleId :** VSTDICC005

Tgt Ion: 95 Resp: 7005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 75.6 | 0.0 | 148.2 |
| 176 | 71.2 | 0.0 | 143.0 |

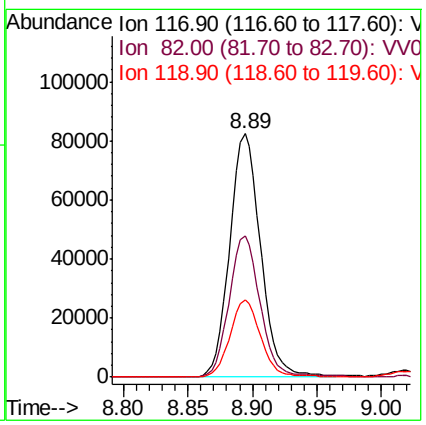


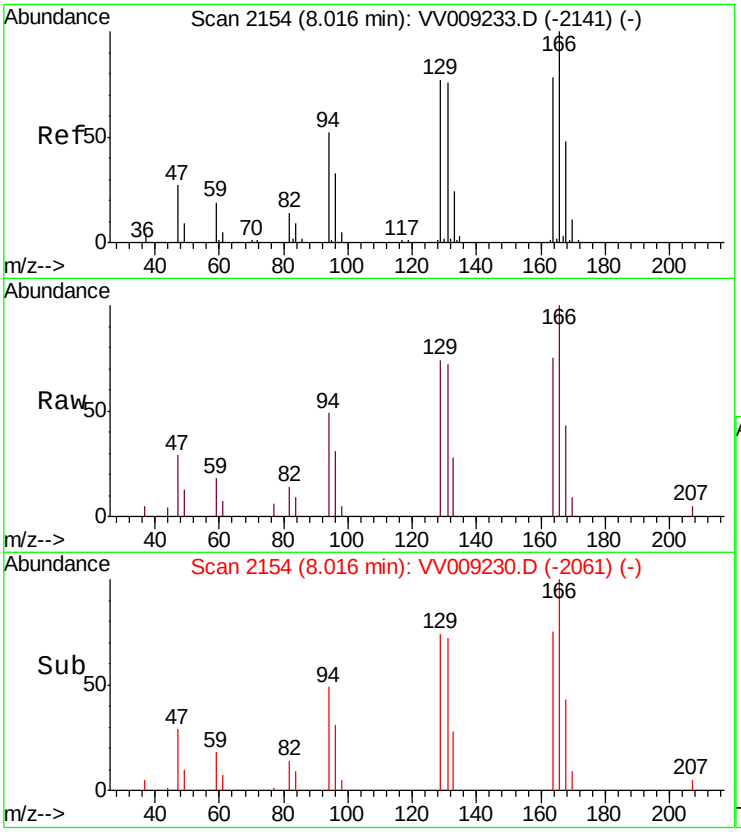




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.89 min Scan# 2427
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion:117 Resp: 137567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.9 | 47.0 | 70.6 |
| 119 | 31.5 | 25.4 | 38.2 |



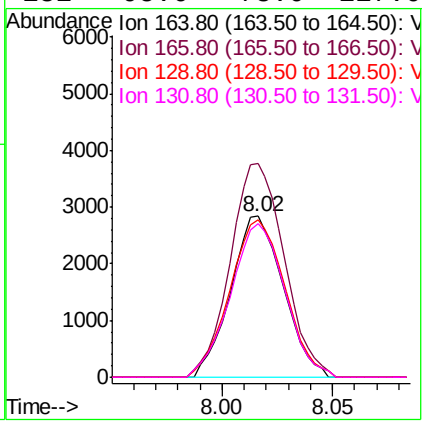


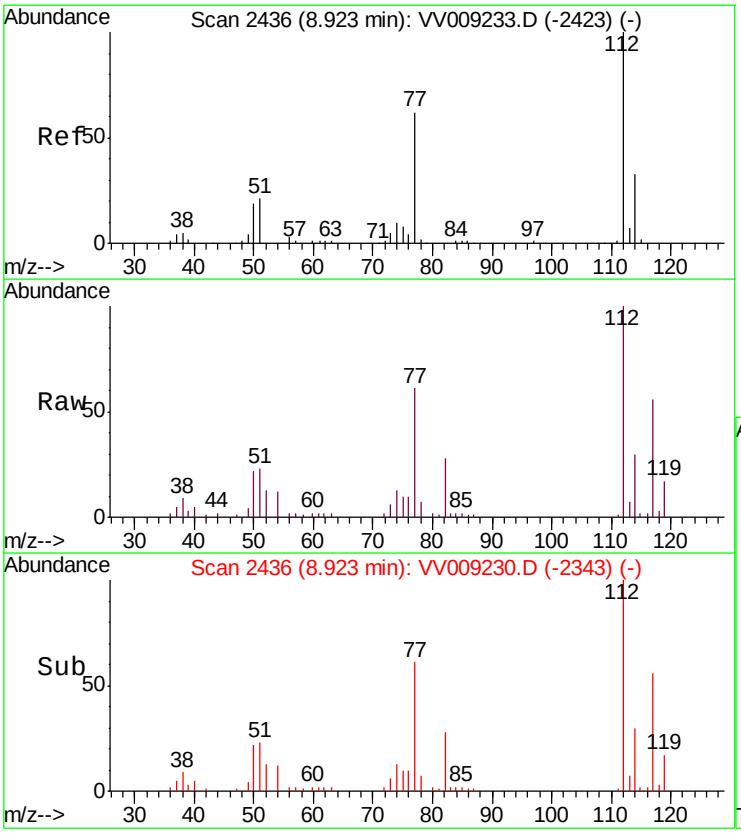

#64
Tetrachloroethene
Concen: 5.000 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion:164 Resp: 4682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 132.9 | 102.1 | 153.1 |
| 129 | 98.0 | 78.1 | 117.1 |
| 131 | 95.6 | 78.0 | 117.0 |

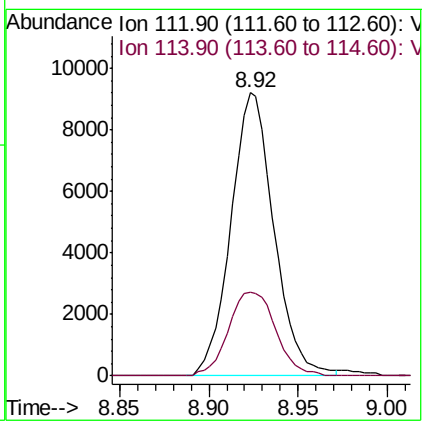


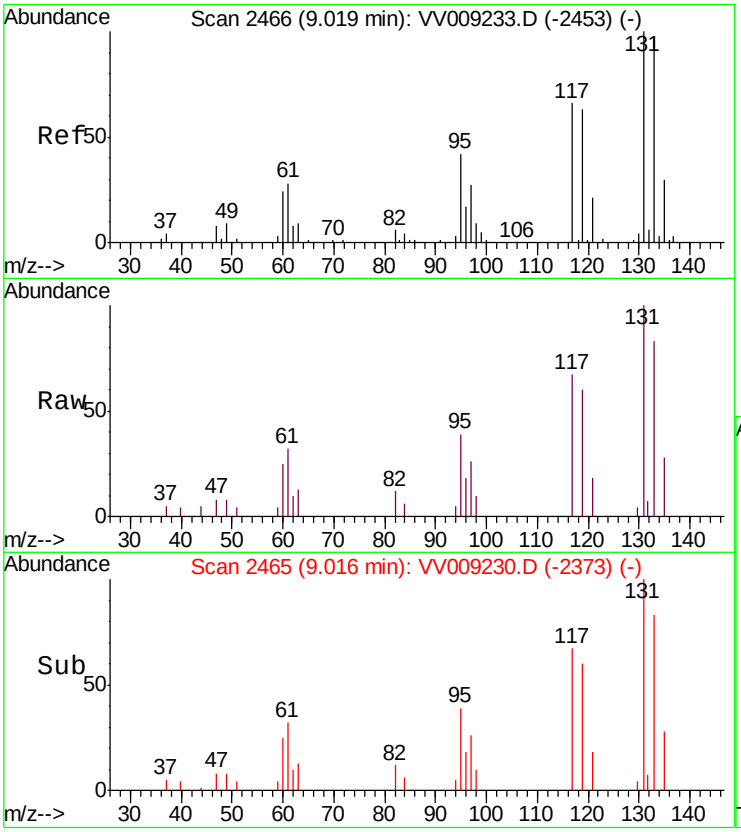




#65
Chlorobenzene
Concen: 4.938 ug/l
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion:112 Resp: 15514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 29.8 | 26.0 | 39.0 |



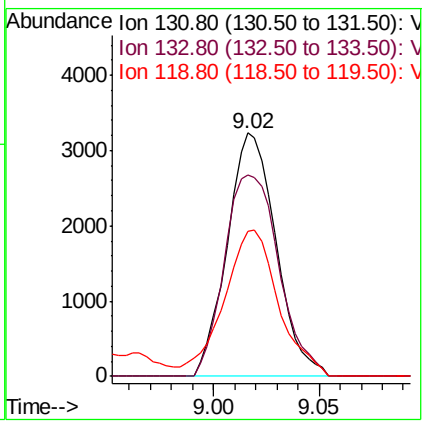


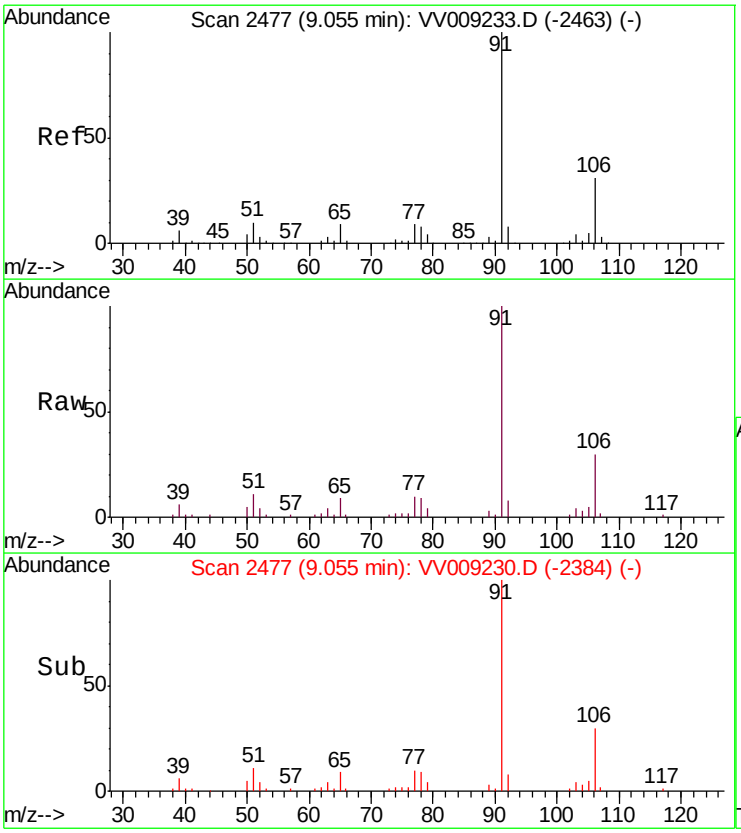

#66
1,1,1,2-Tetrachloroethane
Concen: 4.808 ug/l
RT: 9.02 min Scan# 2465
Delta R.T. -0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion:131 Resp: 5190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 92.5 | 48.3 | 144.9 |
| 119 | 67.7 | 31.2 | 93.6 |

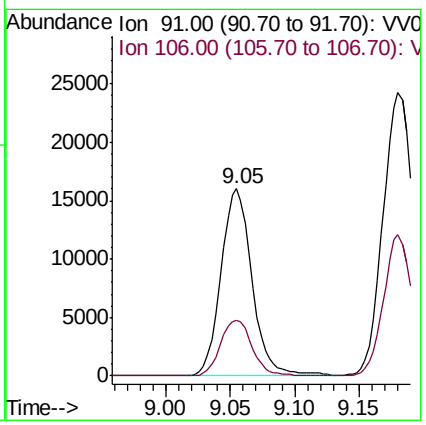


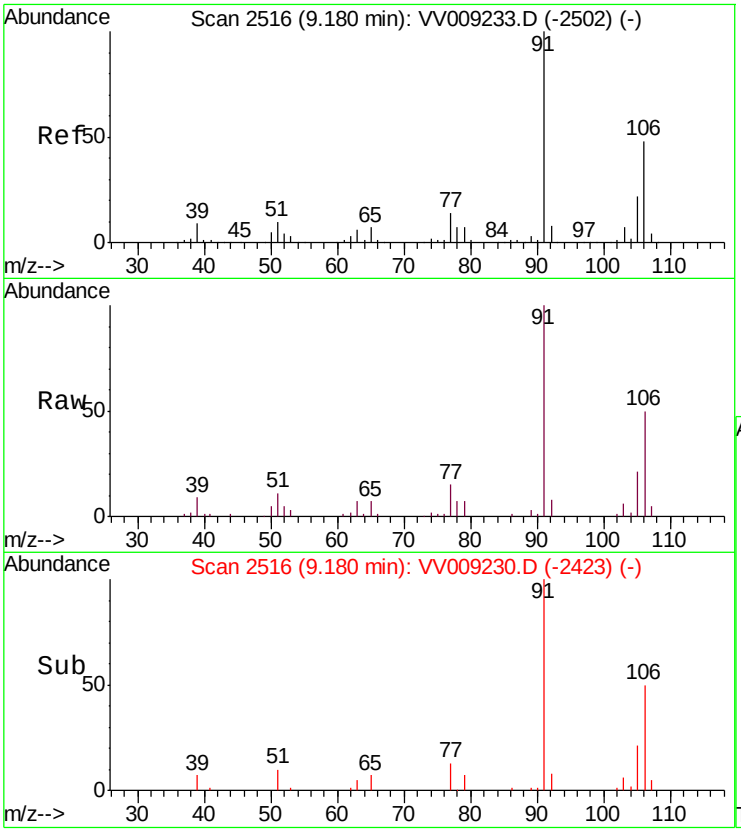




#67
Ethyl Benzene
Concen: 4.798 ug/l
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 91 Resp: 26780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.7 | 24.6 | 37.0 |



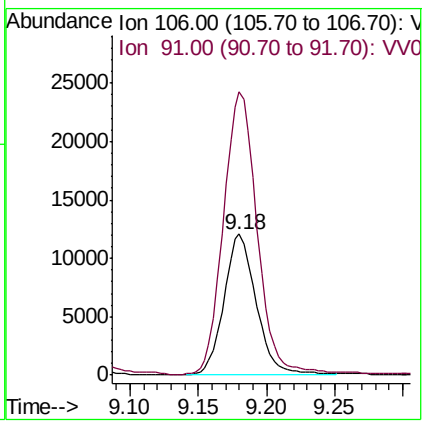


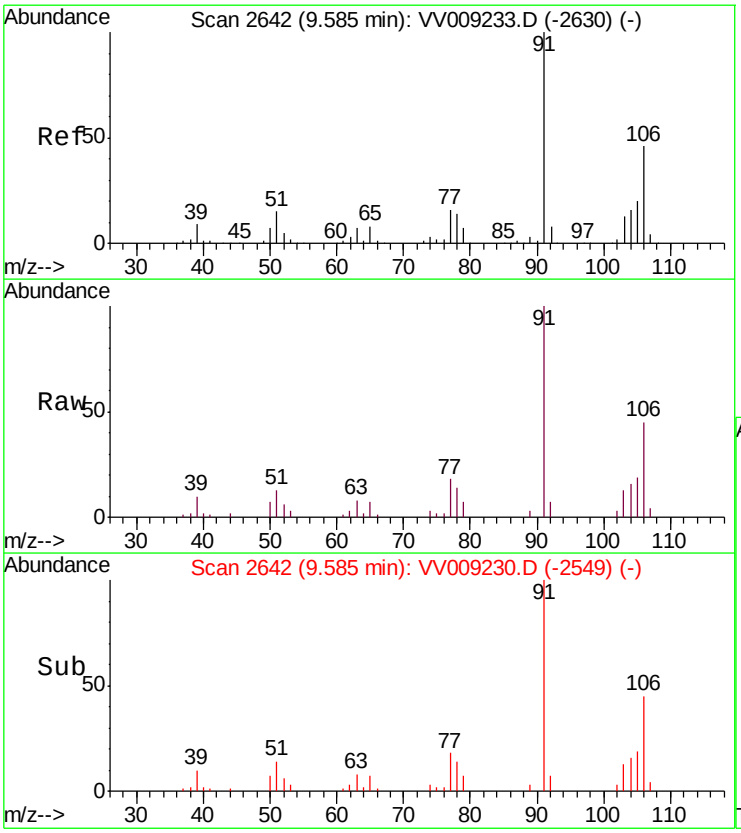

#68
m/p-Xylenes
Concen: 9.551 ug/l
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion:106 Resp: 20000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 209.5 | 167.1 | 250.7 |

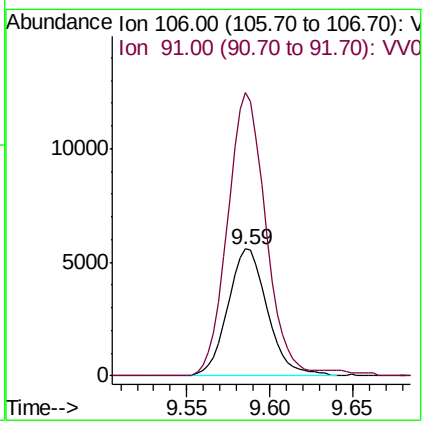


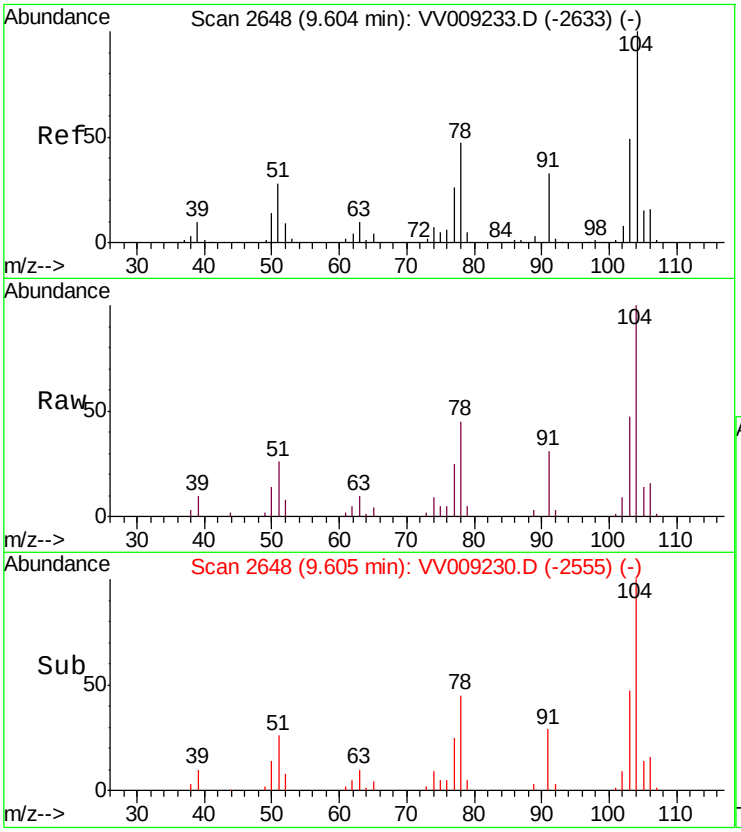




#69
o-Xylene
Concen: 4.748 ug/l
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion:106 Resp: 9262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 215.1 | 109.3 | 327.8 |



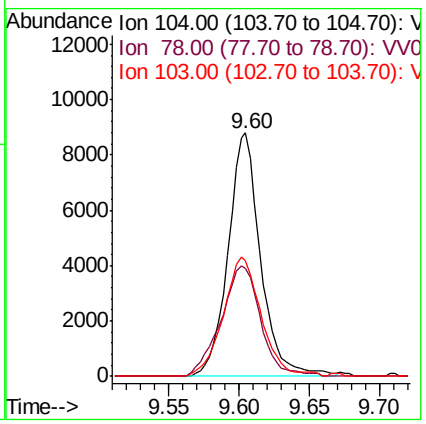


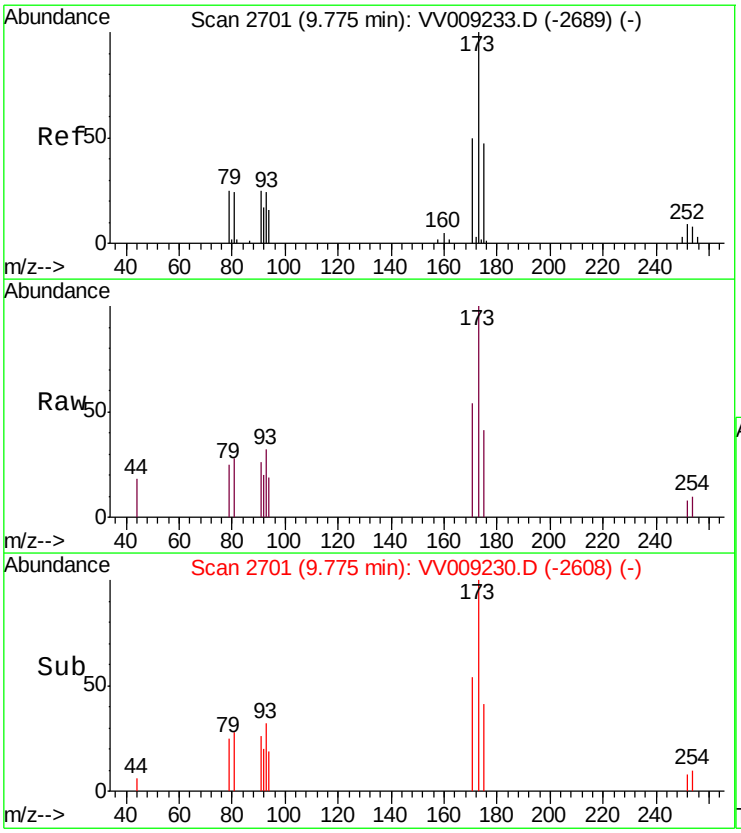

#70
Styrene
Concen: 4.464 ug/l
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :** MSVOA_V
**ClientSampleId :** VSTDICC005

Tgt Ion:104 Resp: 14200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 54.9 | 43.1 | 64.7 |
| 103 | 56.6 | 43.8 | 65.8 |

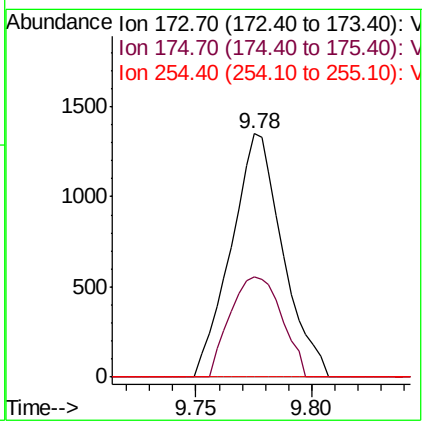


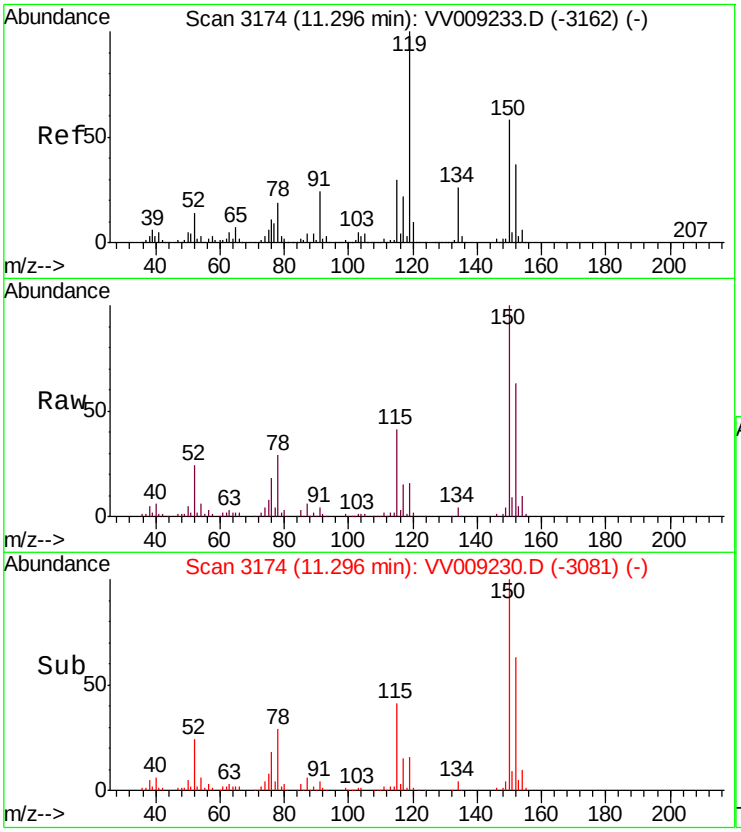




#71
Bromoform
Concen: 3.957 ug/l
RT: 9.78 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion:173 Resp: 2087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 41.3 | 23.4 | 70.0 |
| 254 | 0.0 | 0.0 | 0.0 |



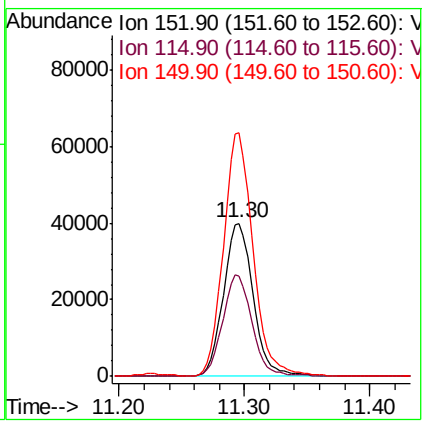


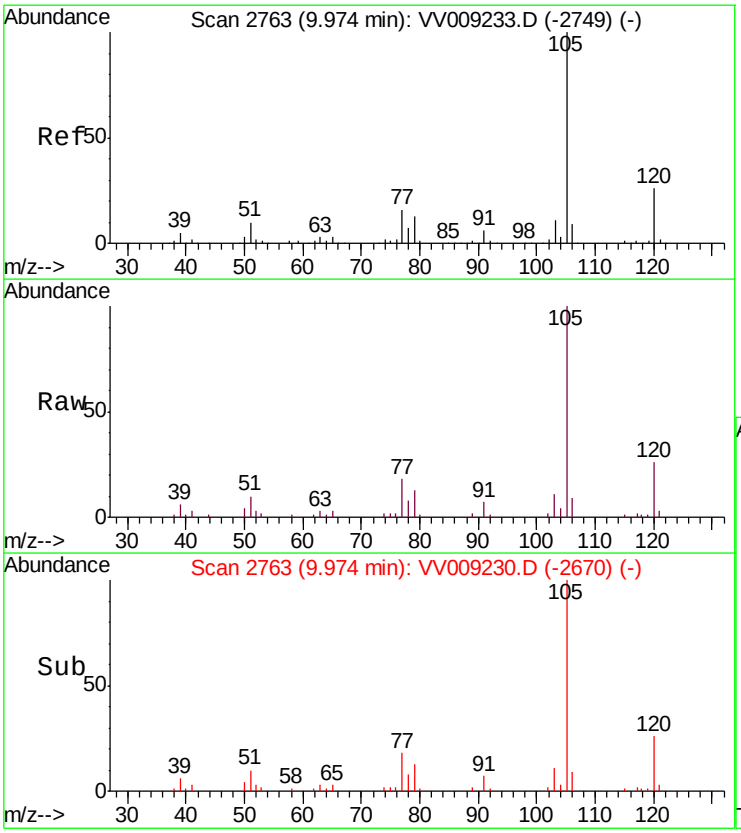

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :** MSVOA_V
**ClientSampleId :** VSTDICC005

Tgt Ion:152 Resp: 65720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 65.3 | 45.0 | 134.8 |
| 150 | 158.3 | 0.0 | 346.4 |

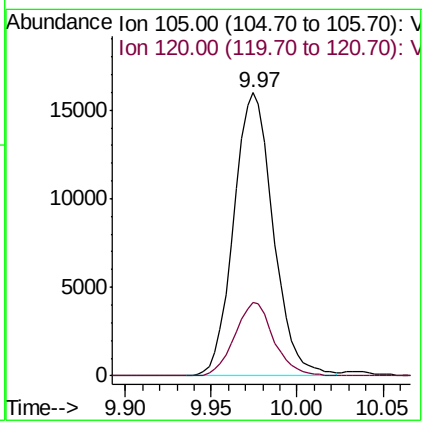


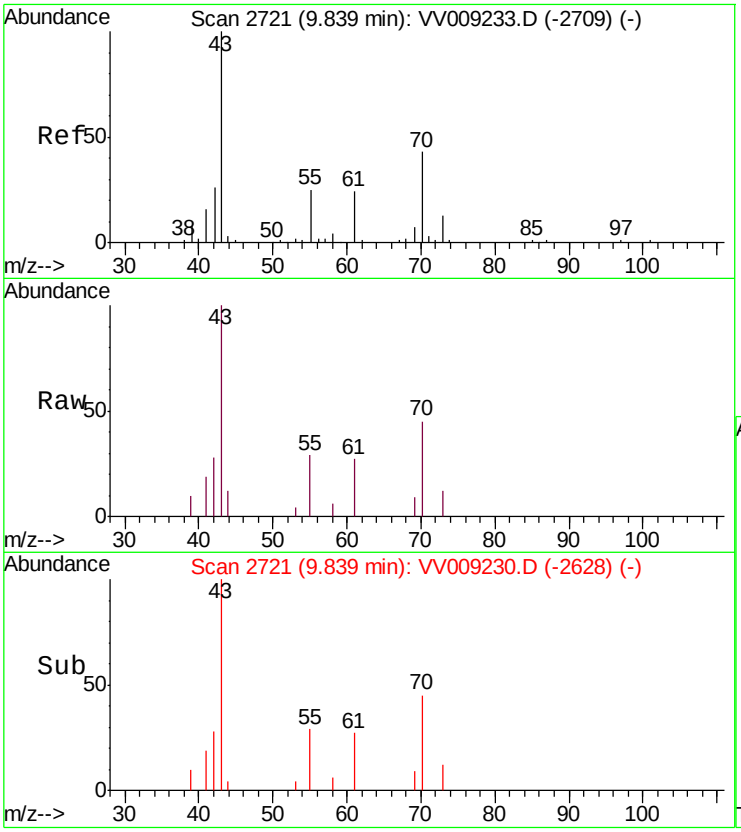




#73
Isopropylbenzene
Concen: 4.916 ug/l
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion:105 Resp: 25584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.4 | 12.9 | 38.7 |



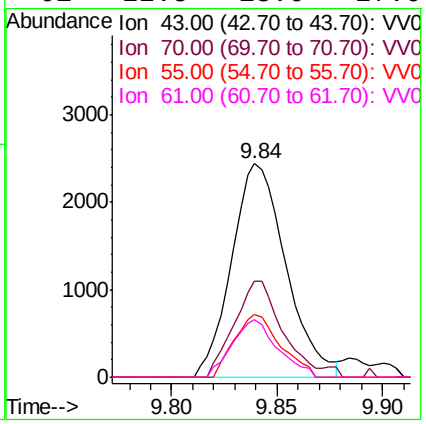


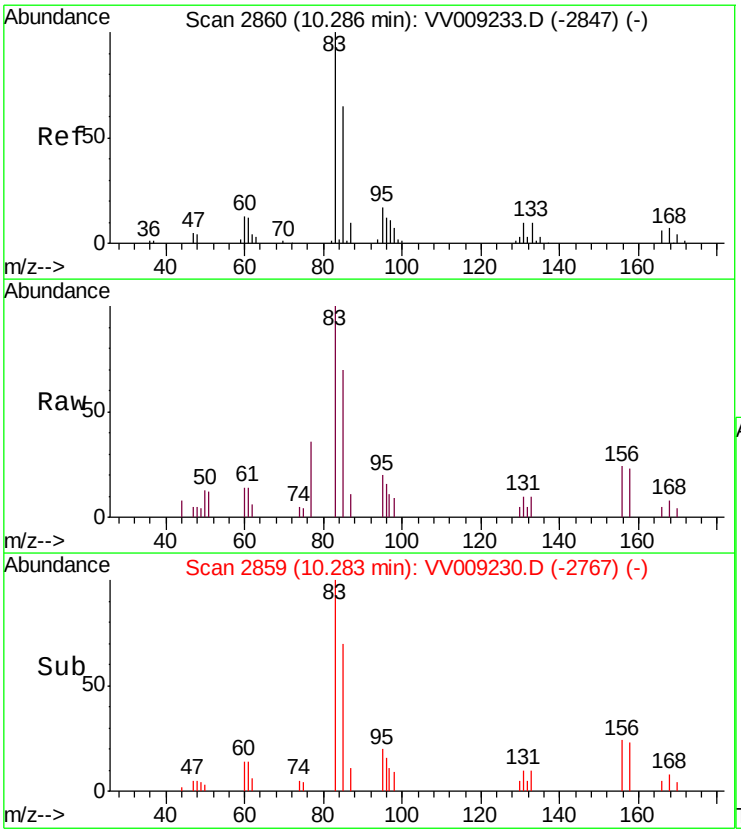

#74
N-amyl acetate
Concen: 3.970 ug/l
RT: 9.84 min Scan# 2721
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :** MSVOA_V
**ClientSampleId :** VSTDICC005

Tgt Ion: 43 Resp: 4365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 40.7 | 33.0 | 49.6 |
| 55 | 25.1 | 18.7 | 28.1 |
| 61 | 22.5 | 18.0 | 27.0 |

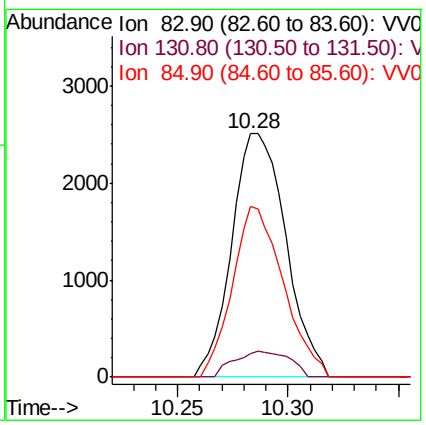


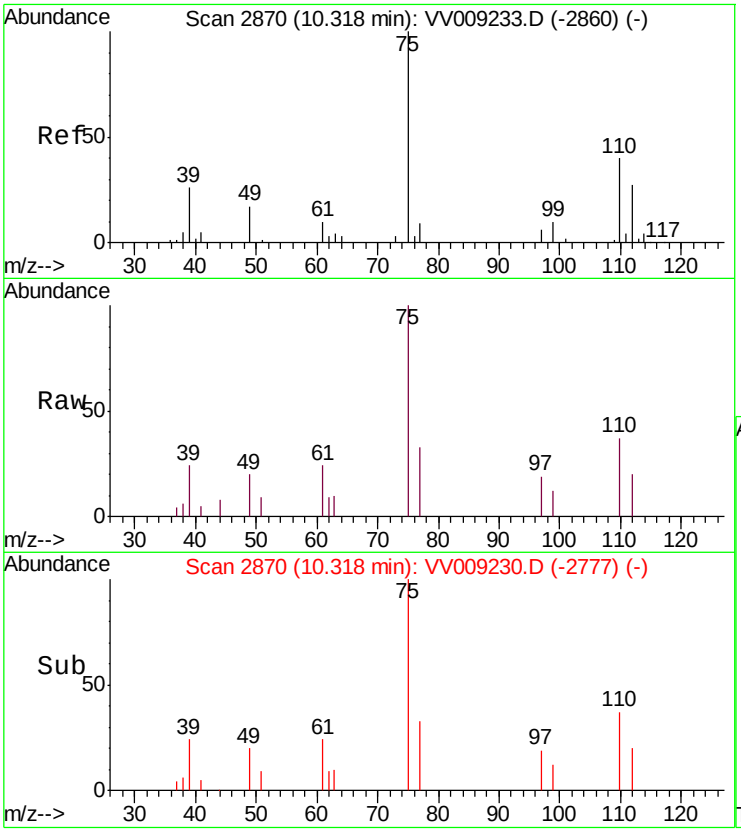




#75
1,1,2,2-Tetrachloroethane
Concen: 4.601 ug/l
RT: 10.28 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 83 Resp: 4288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.8 | 5.1 | 15.3 |
| 85 | 65.9 | 32.6 | 98.0 |



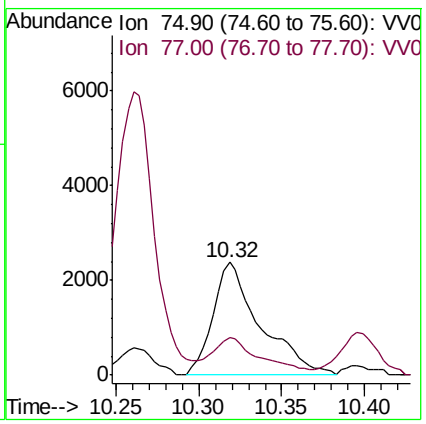


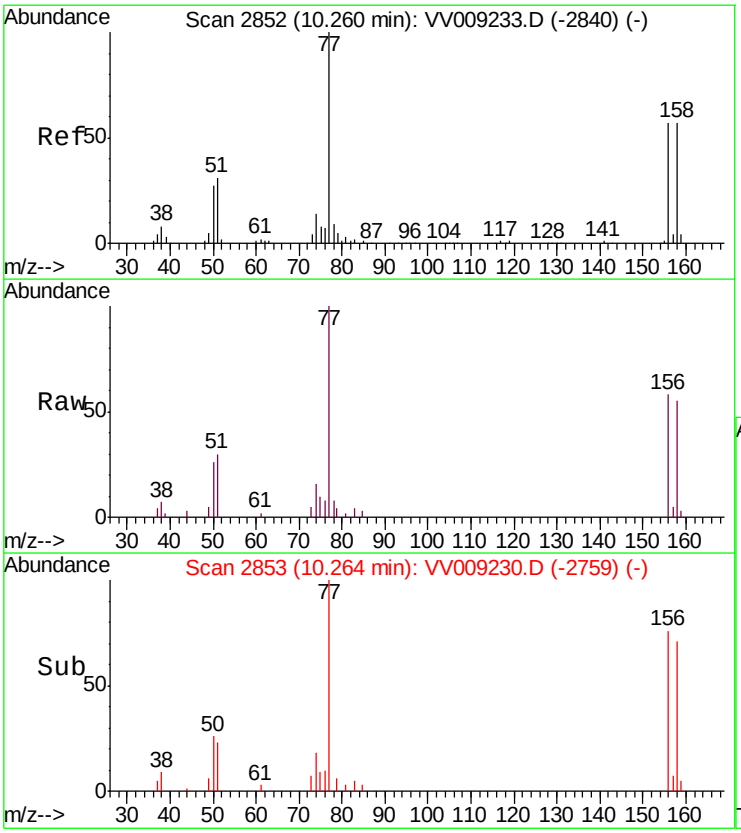

#76
1,2,3-Trichloropropane
Concen: 6.509 ug/l
RT: 10.32 min Scan# 2870
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :** MSVOA_V
**ClientSampleId :** VSTDICC005

Tgt Ion: 75 Resp: 4720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.7 | 24.6 | 73.8 |

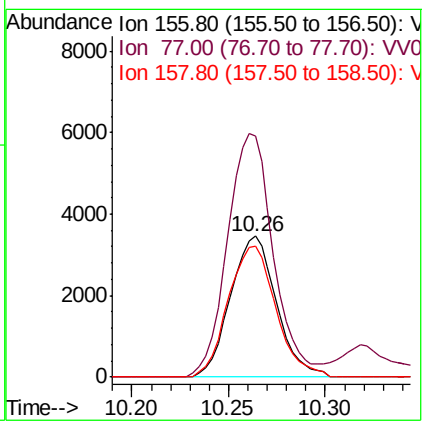


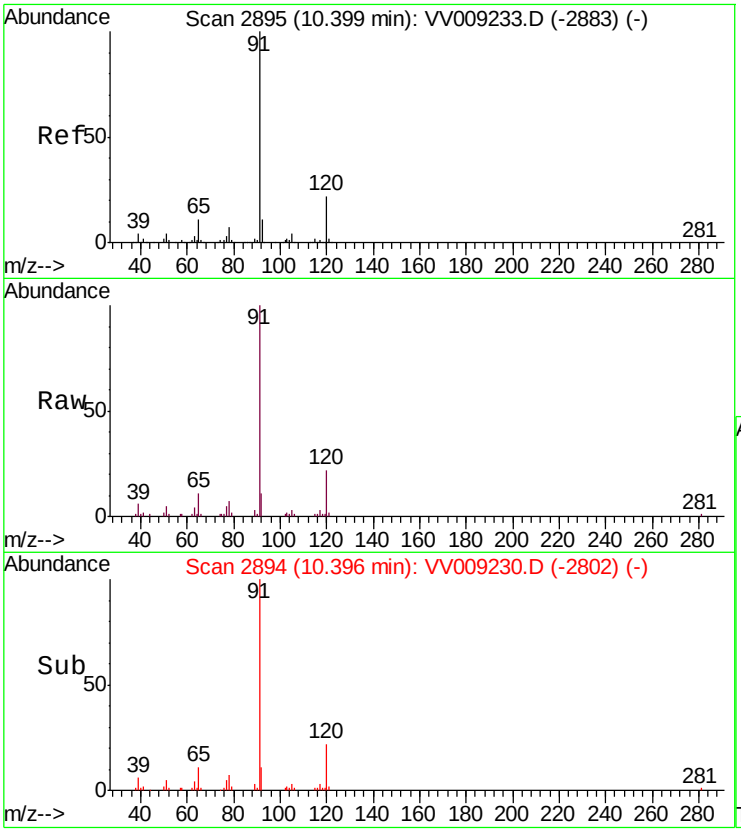




#77
Bromobenzene
Concen: 4.946 ug/l
RT: 10.26 min Scan# 2853
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion:156 Resp: 5715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 172.9 | 86.0 | 258.0 |
| 158 | 96.3 | 49.8 | 149.3 |



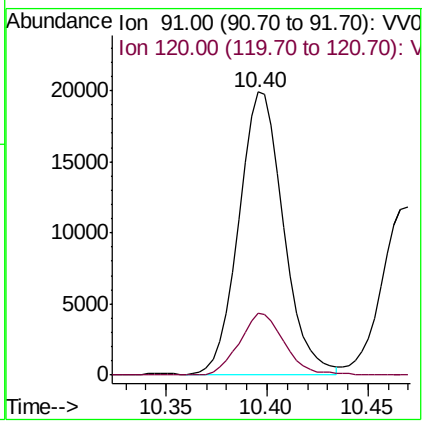


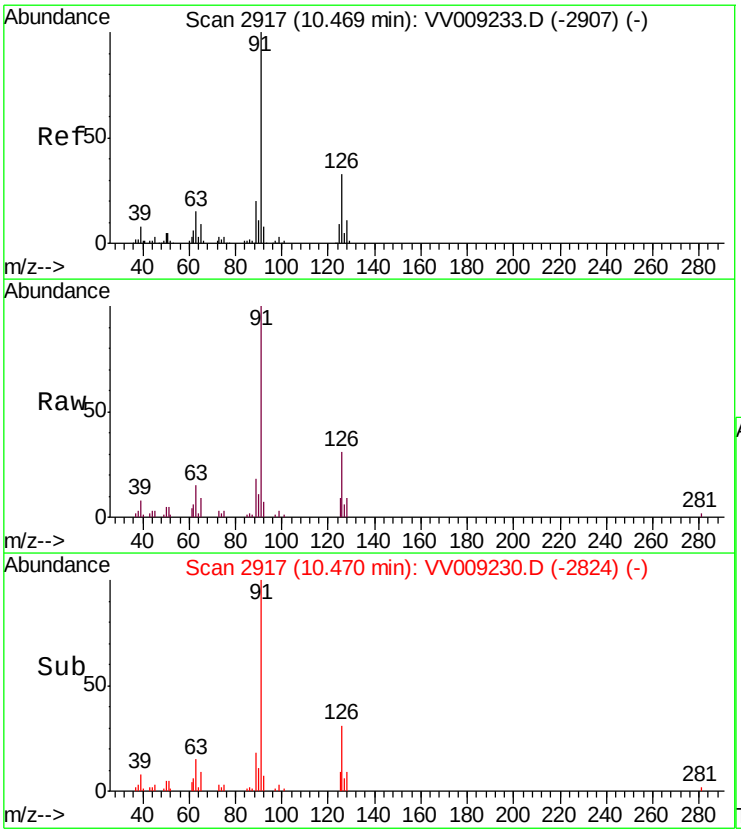

#78
n-propylbenzene
Concen: 5.029 ug/l
RT: 10.40 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :** MSVOA_V
**ClientSampleId :** VSTDICC005

Tgt Ion: 91 Resp: 31010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 21.8 | 11.5 | 34.4 |

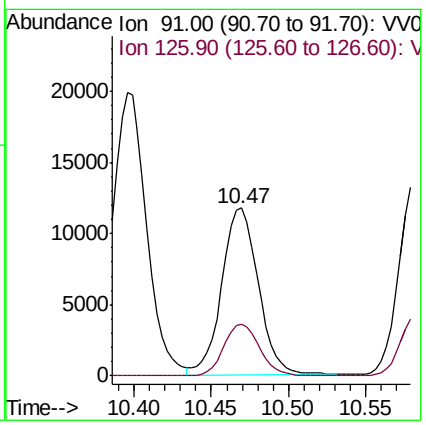


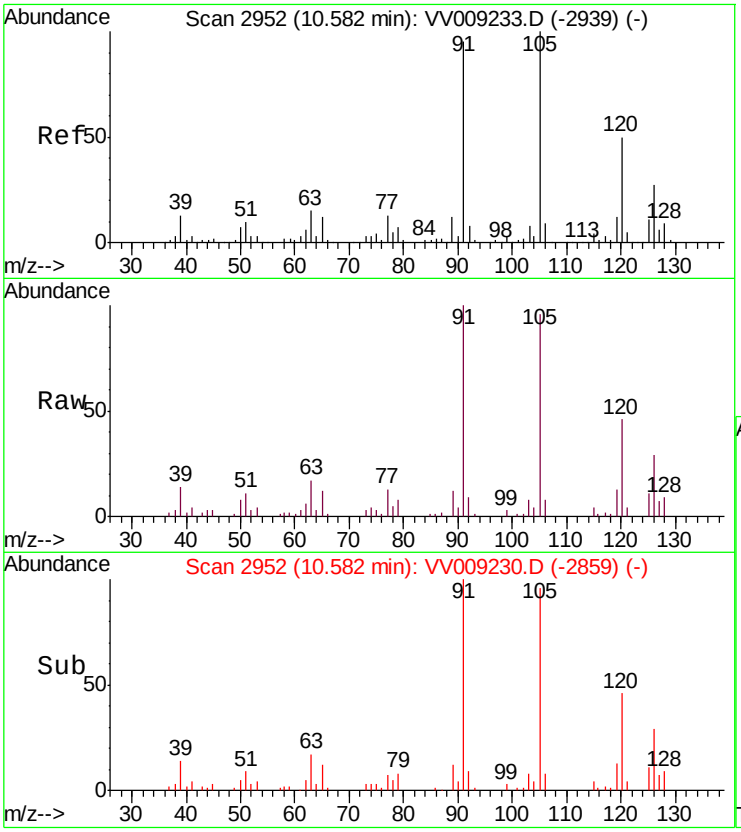




#79
2-Chlorotoluene
Concen: 5.048 ug/l
RT: 10.47 min Scan# 2917
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 91 Resp: 19206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 30.0 | 16.2 | 48.6 |



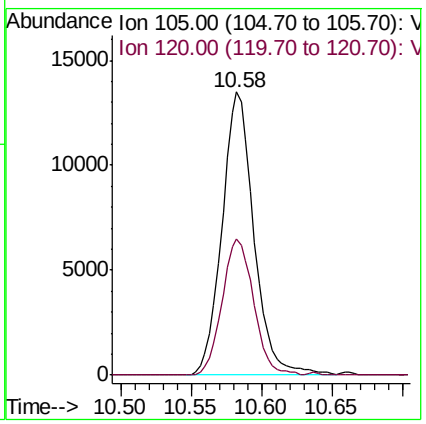


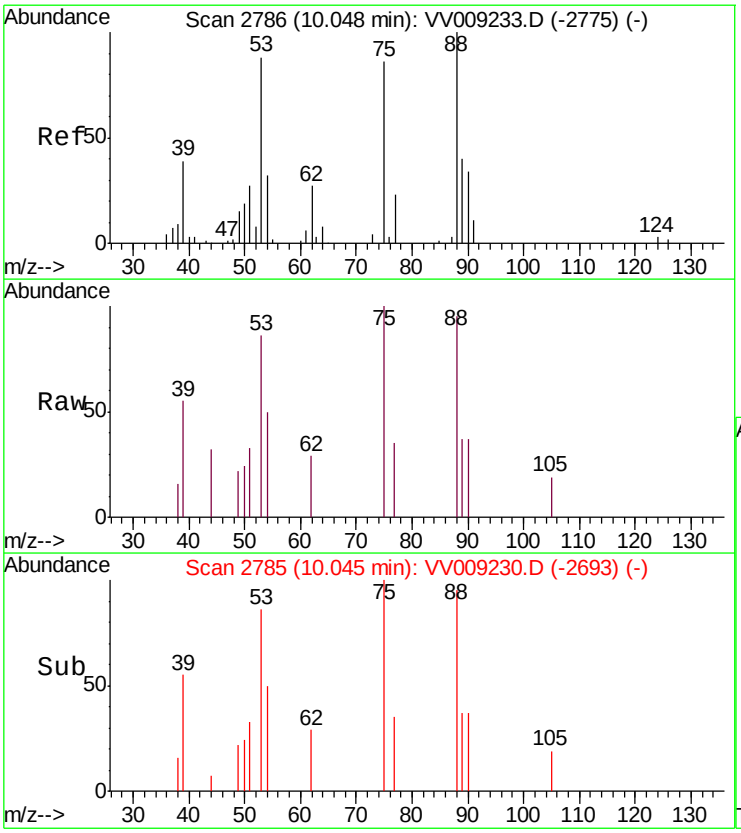

#80
1,3,5-Trimethylbenzene
Concen: 4.828 ug/l
RT: 10.58 min Scan# 2952
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion:105 Resp: 21291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.4 | 24.3 | 73.0 |

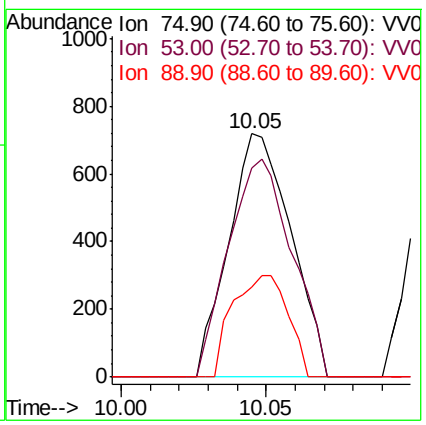


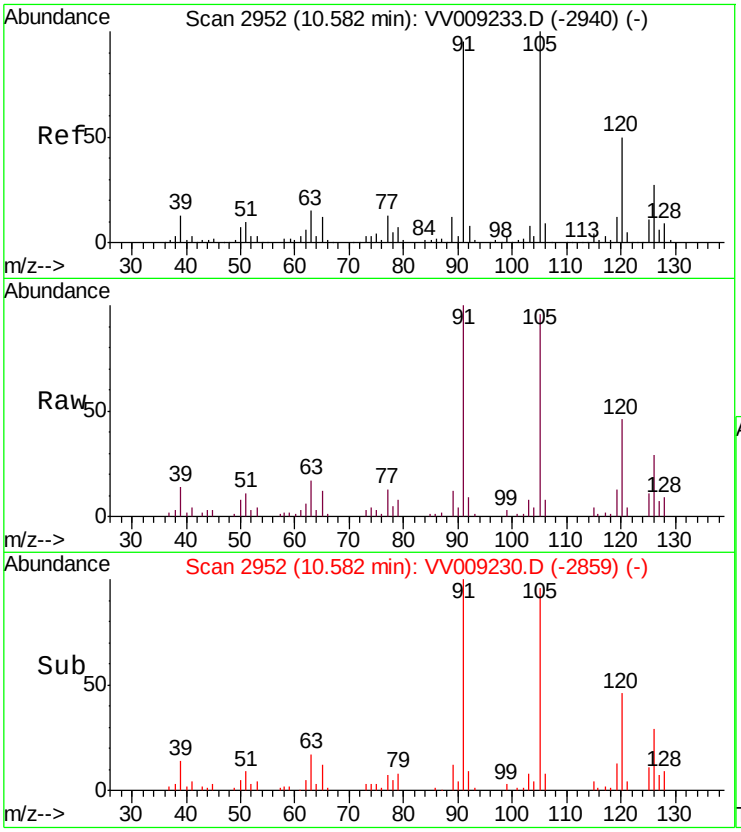




#81
trans-1,4-Dichloro-2-butene
Concen: 4.099 ug/l
RT: 10.05 min Scan# 2785
Delta R.T. -0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 75 Resp: 1072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 91.5 | 82.1 | 123.1 |
| 89 | 36.8 | 36.2 | 54.4 |



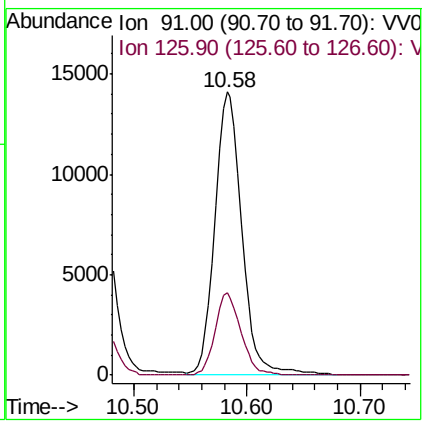


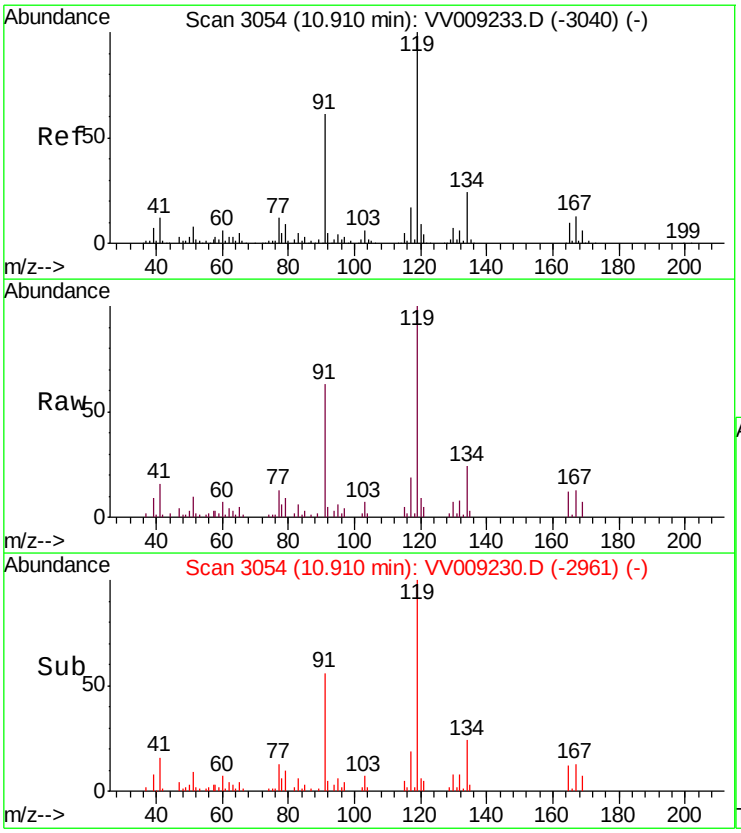

#82
4-Chlorotoluene
Concen: 5.179 ug/l
RT: 10.58 min Scan# 2952
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :** MSVOA_V
**ClientSampleId :** VSTDICC005

Tgt Ion: 91 Resp: 23469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 27.5 | 14.3 | 42.9 |

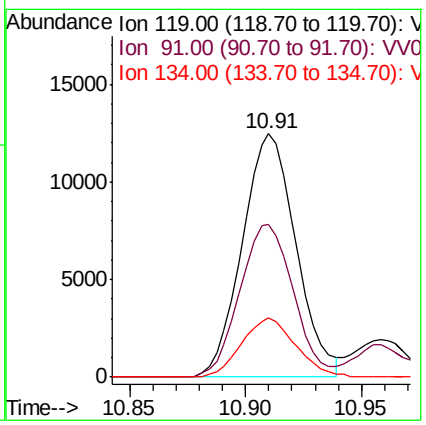


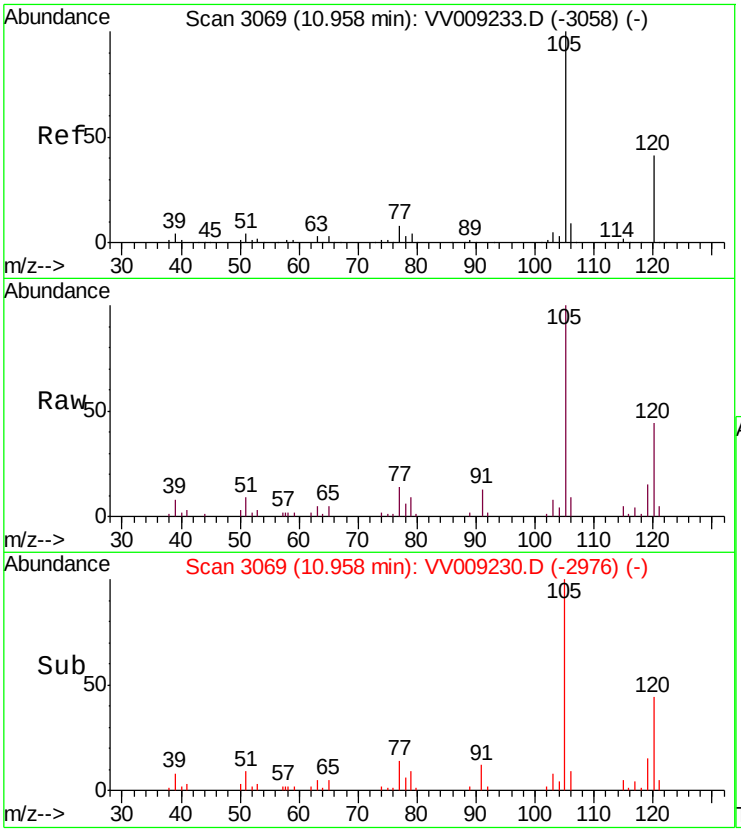




#83
tert-Butylbenzene
Concen: 4.794 ug/l
RT: 10.91 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion:119 Resp: 20105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 62.2 | 30.0 | 90.1 |
| 134 | 24.4 | 11.9 | 35.7 |



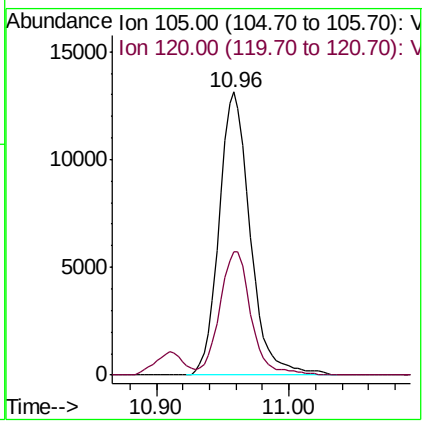


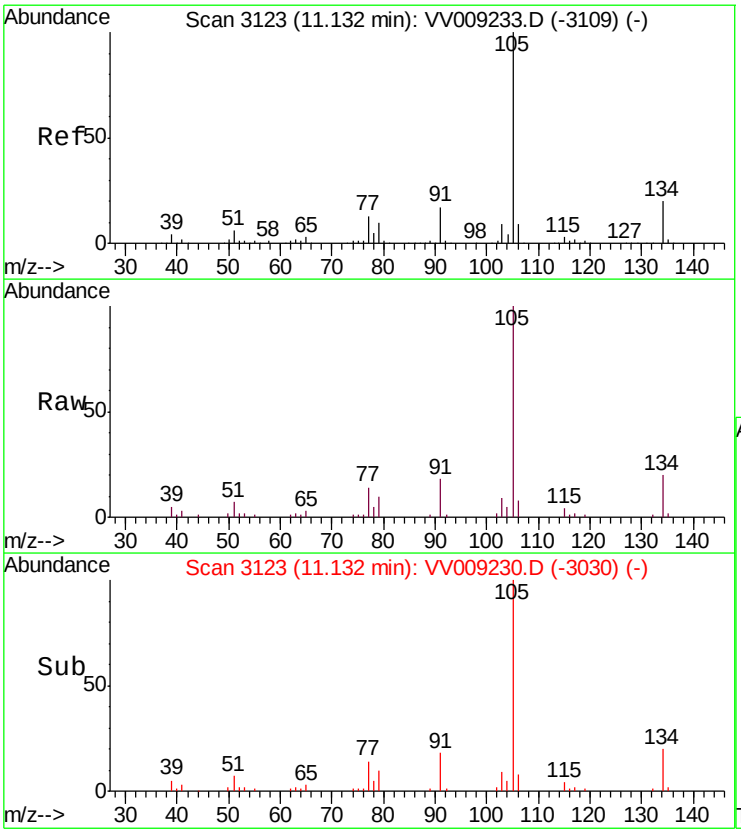

#84
1,2,4-Trimethylbenzene
Concen: 4.708 ug/l
RT: 10.96 min Scan# 3069
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion:105 Resp: 21400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.1 | 22.6 | 67.7 |

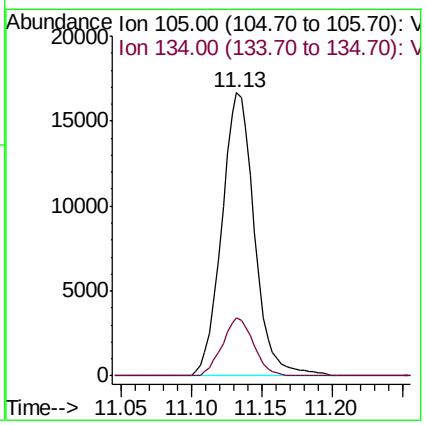


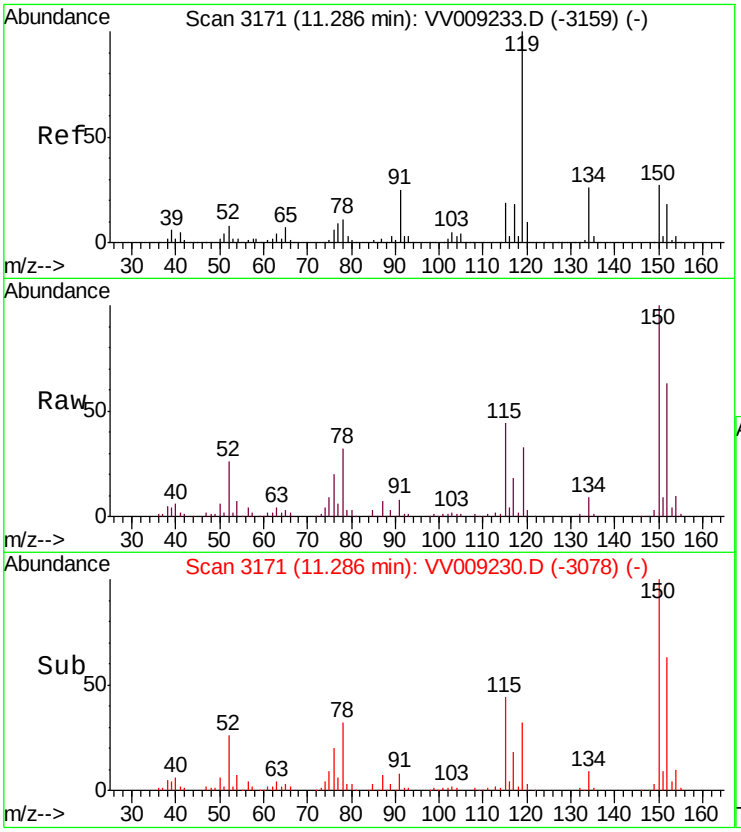




#85
sec-Butylbenzene
Concen: 5.006 ug/l
RT: 11.13 min Scan# 3123
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion:105 Resp: 26981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.5 | 10.1 | 30.3 |



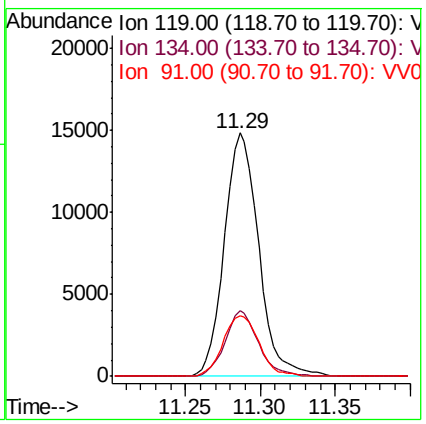


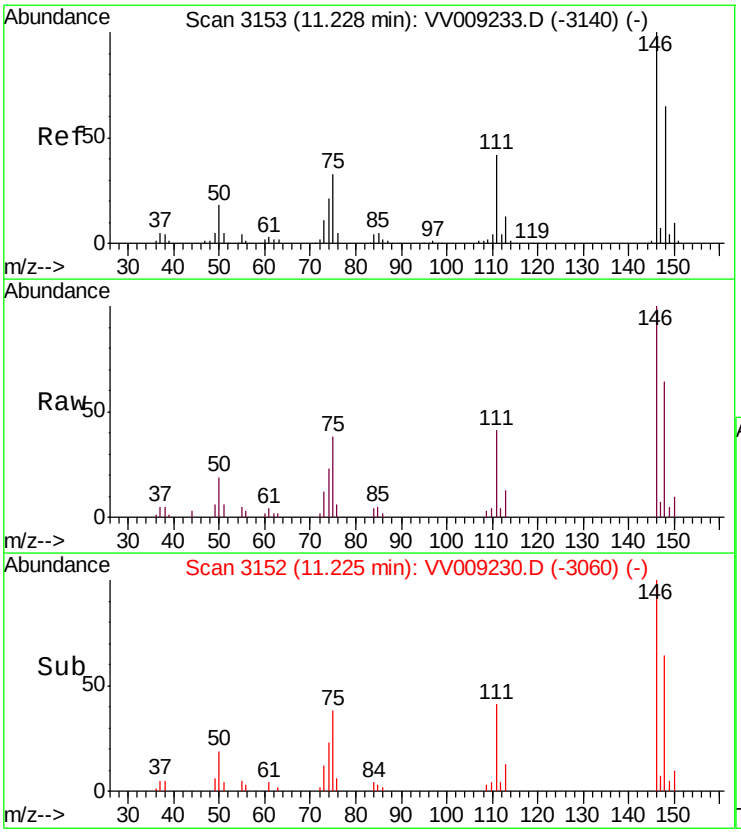

#86
p-Isopropyltoluene
Concen: 4.966 ug/l
RT: 11.29 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :** MSVOA_V
**ClientSampleId :** VSTDICC005

Tgt Ion:119 Resp: 23734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.9 | 13.0 | 38.9 |
| 91 | 26.0 | 12.4 | 37.2 |

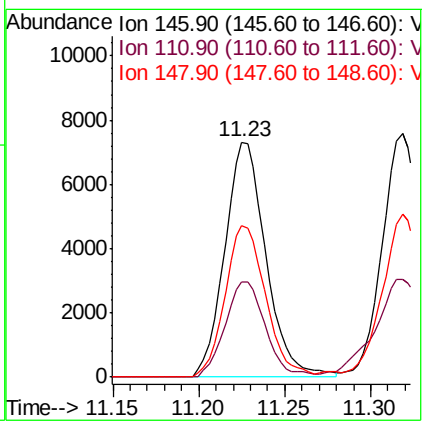


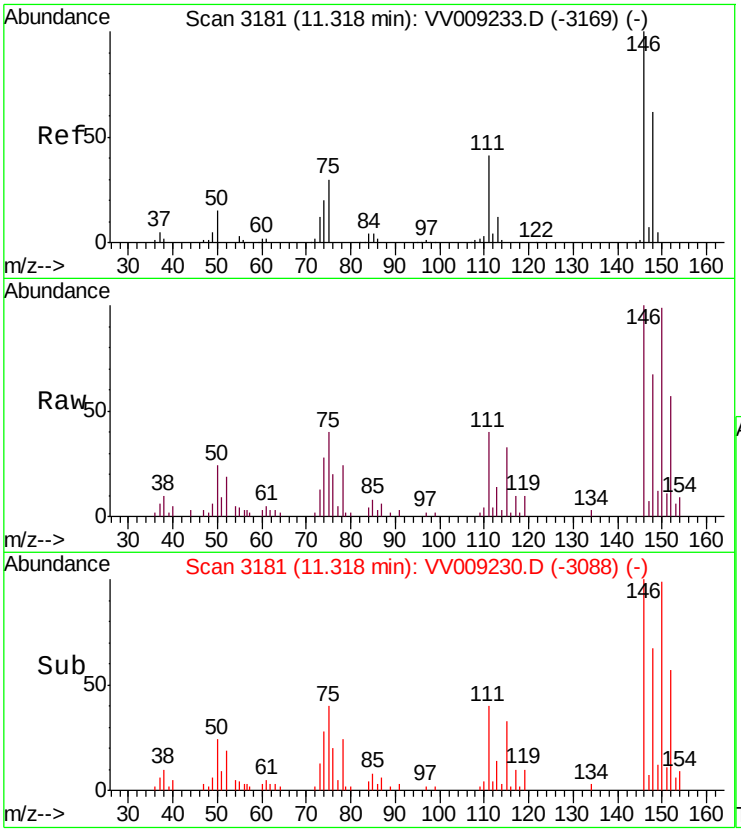




#87
1,3-Dichlorobenzene
Concen: 5.180 ug/l
RT: 11.23 min Scan# 3152
Delta R.T. -0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion:146 Resp: 12229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.6 | 21.1 | 63.4 |
| 148 | 63.2 | 32.1 | 96.3 |



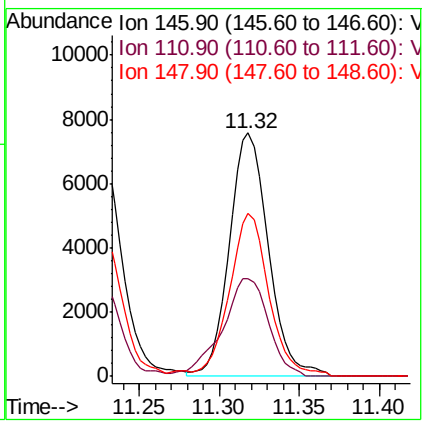


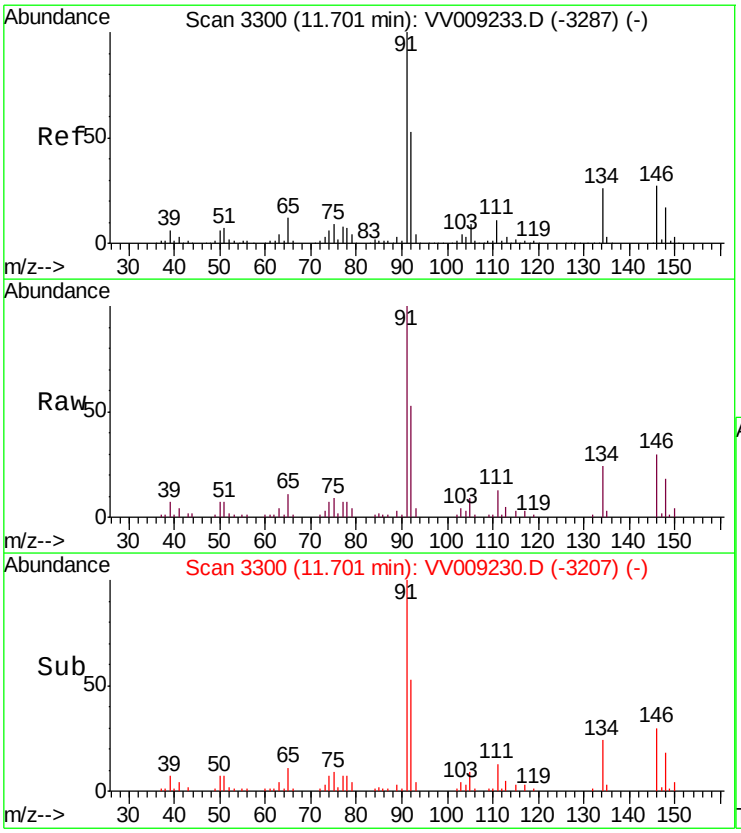

#88
1,4-Dichlorobenzene
Concen: 5.259 ug/l
RT: 11.32 min Scan# 3181
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :** MSVOA_V
**ClientSampleId :** VSTDICC005

Tgt Ion:146 Resp: 12599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 47.8 | 20.5 | 61.5 |
| 148 | 67.5 | 31.4 | 94.3 |

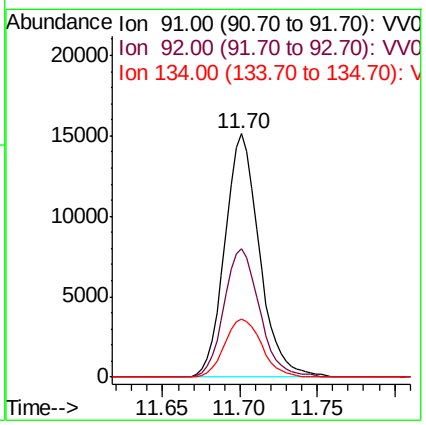


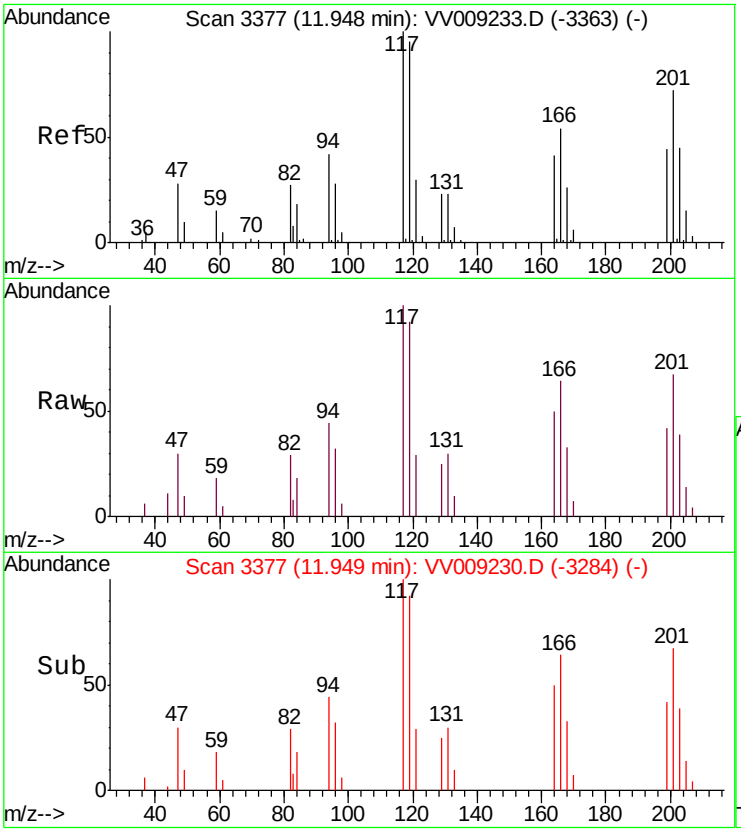




#89
n-Butylbenzene
Concen: 4.974 ug/l
RT: 11.70 min Scan# 3300
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion: 91 Resp: 23413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.2 | 27.2 | 81.5 |
| 134 | 25.3 | 12.6 | 37.8 |



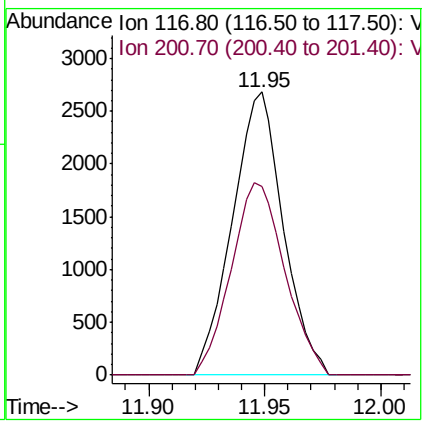


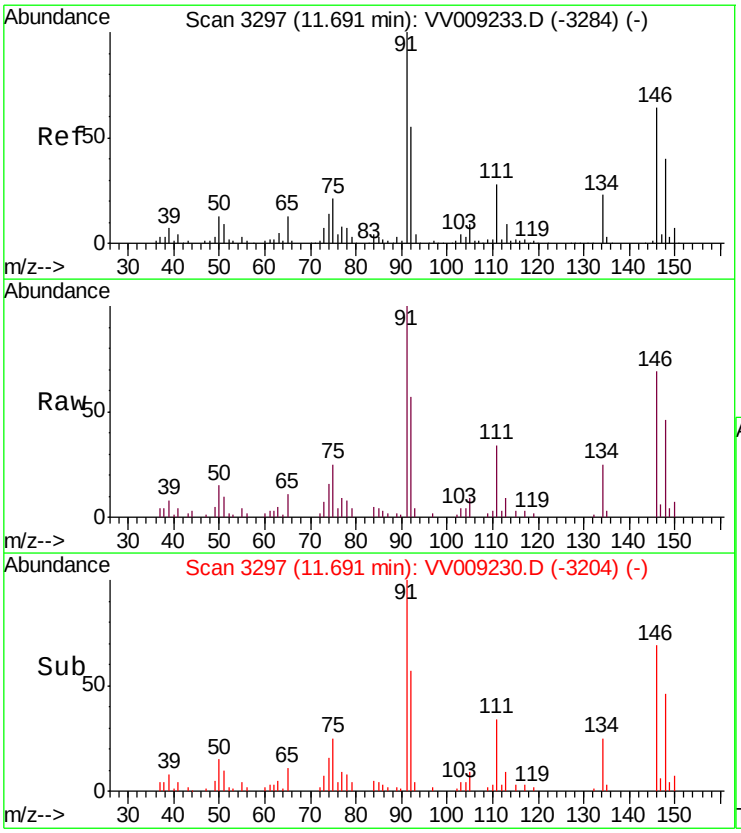

#90
Hexachloroethane
Concen: 4.743 ug/l
RT: 11.95 min Scan# 3377
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion:117 Resp: 4088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 71.9 | 35.2 | 105.6 |

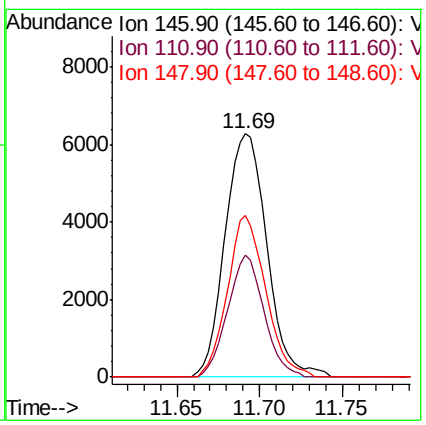


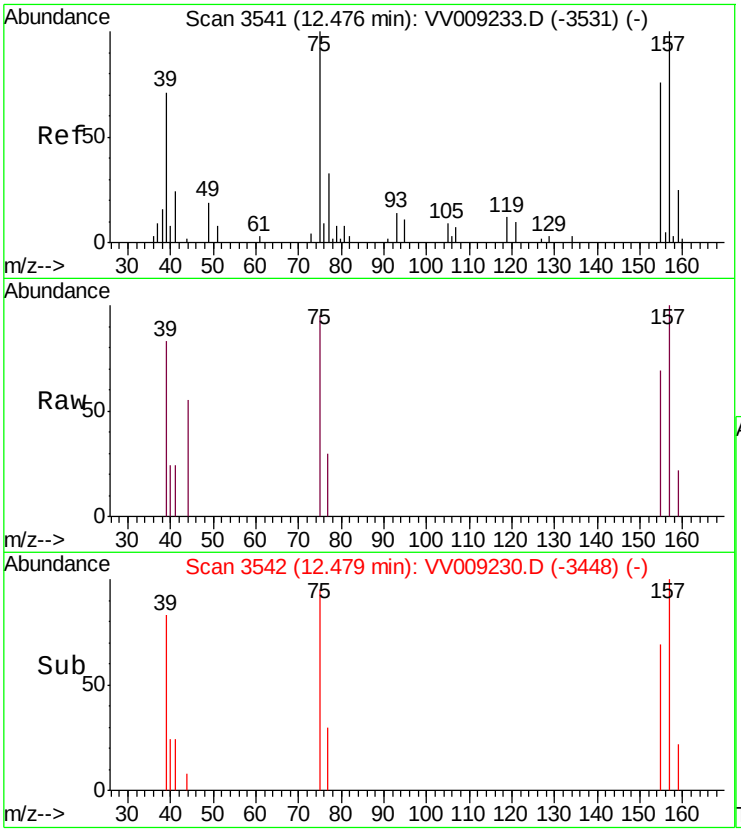




#91
1,2-Dichlorobenzene
Concen: 5.218 ug/l
RT: 11.69 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion:146 Resp: 11015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.5 | 21.9 | 65.8 |
| 148 | 60.8 | 31.6 | 95.0 |



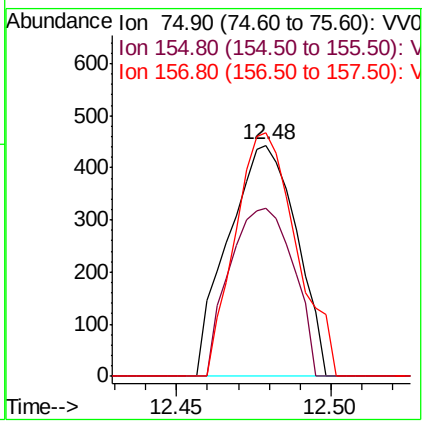


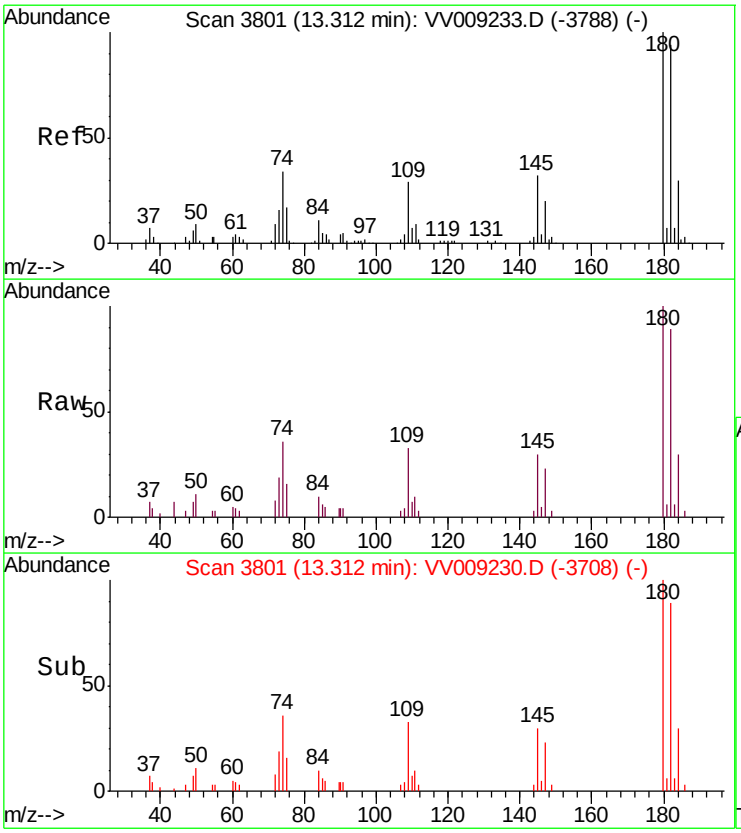

#92
1,2-Dibromo-3-Chloropropane
Concen: 4.218 ug/l
RT: 12.48 min Scan# 3542
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion: 75 Resp: 681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 68.3 | 38.0 | 114.0 |
| 157 | 94.3 | 50.8 | 152.4 |

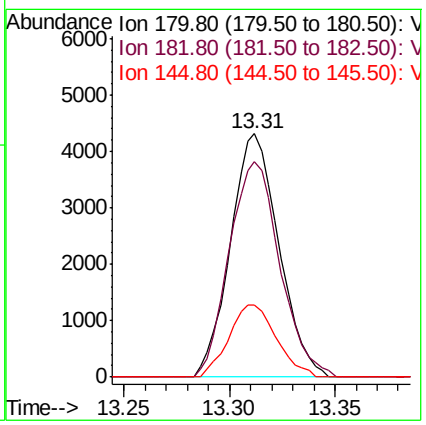


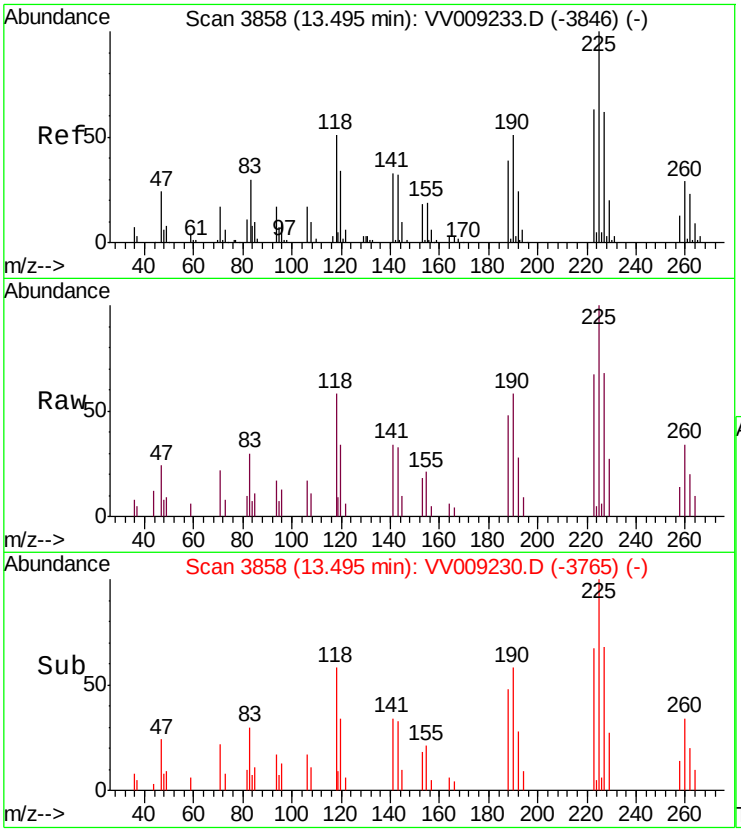




#93
1,2,4-Trichlorobenzene
Concen: 4.776 ug/l
RT: 13.31 min Scan# 3801
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion:180 Resp: 6877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 92.6 | 47.1 | 141.4 |
| 145 | 29.0 | 16.0 | 48.0 |



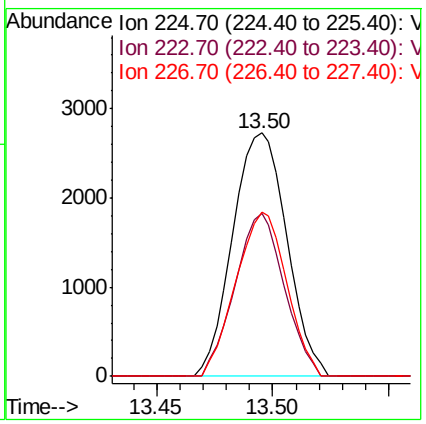


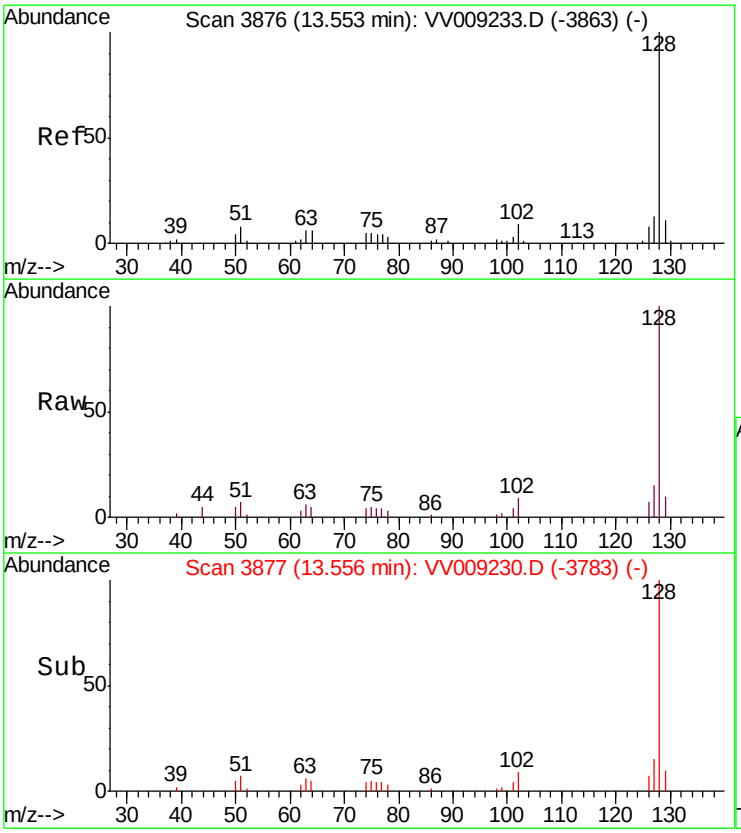

#94
Hexachlorobutadiene
Concen: 5.441 ug/l
RT: 13.50 min Scan# 3858
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion:225 Resp: 4423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.0 | 31.7 | 95.1 |
| 227 | 63.4 | 31.6 | 95.0 |

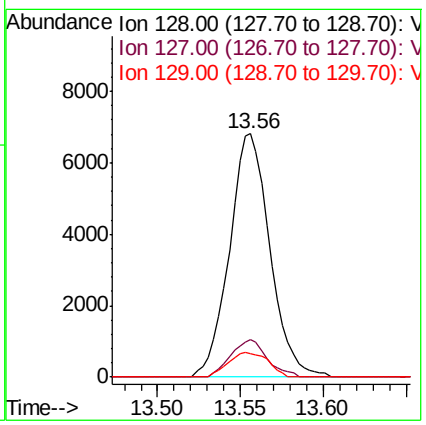


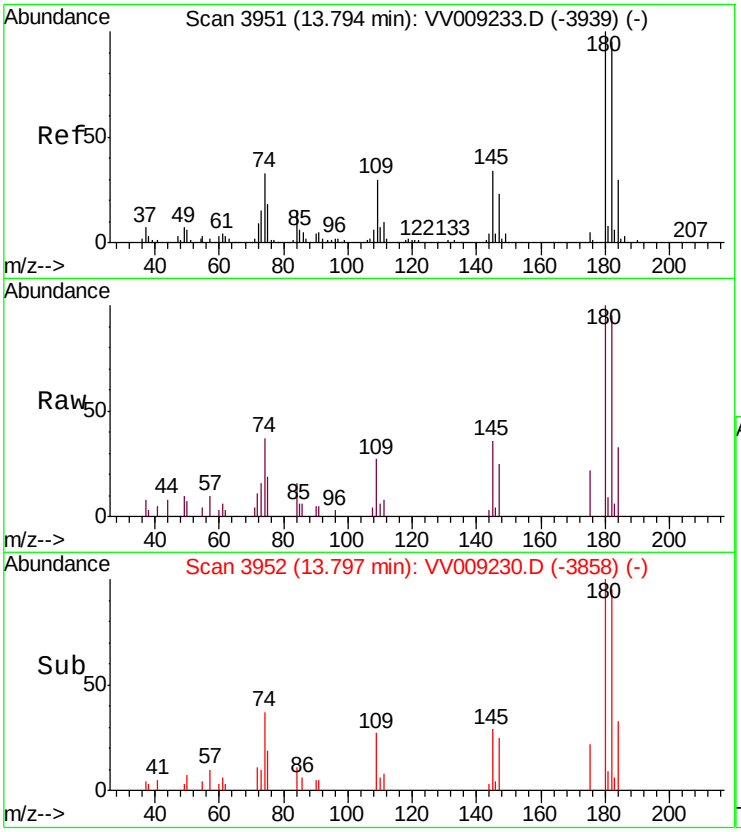




#95
Naphthalene
Concen: 4.572 ug/l
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

Tgt Ion:128 Resp: 11552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.9 | 10.7 | 16.1 |
| 129 | 10.1 | 8.8 | 13.2 |






#96
1,2,3-Trichlorobenzene
Concen: 4.700 ug/l
RT: 13.80 min Scan# 3952
Delta R.T. 0.00 min
Lab File: VV009230.D
Acq: 22 Jan 2019 11:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC005

Tgt Ion:180 Resp: 5744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 101.0 | 47.4 | 142.2 |
| 145 | 35.8 | 17.2 | 51.5 |