Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091419\
Data File : VN058018.D
Acq On : 13 Sep 2019 14:58
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDCCC020EC

Quant Time: Sep 14 01:16:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090919W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Sep 09 12:14:07 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 7.18 | 128 | 75583 | 30.00 | ug/l | | 0.00 |
| 28) 1,4-Difluorobenzene | 8.58 | 114 | 452401 | 30.00 | ug/l | | 0.00 |
| 57) Chlorobenzene-d5 | 11.41 | 117 | 397763 | 30.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 27) 1,2-Dichloroethane-d4 | 8.01 | 65 | 206682 | 30.91 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 50 - 169 | | Recovery = 103.03% | | | | |
| 60) 4-Bromofluorobenzene | 12.41 | 95 | 199459 | 29.30 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 56 - 143 | | Recovery = 97.67% | | | | |
| 63) Toluene-d8 | 10.09 | 98 | 574479 | 30.09 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 66 - 137 | | Recovery = 100.30% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.83 | 85 | 96362 | 21.101 | ug/l | | 100 |
| 3) Chloromethane | 2.04 | 50 | 101914 | 17.898 | ug/l | | 95 |
| 4) Vinyl Chloride | 2.17 | 62 | 101939 | 17.497 | ug/l | | 99 |
| 5) Bromomethane | 2.55 | 94 | 59199 | 16.282 | ug/l | | 95 |
| 6) Chloroethane | 2.69 | 64 | 64816 | 17.902 | ug/l | | 100 |
| 7) Trichlorofluoromethane | 3.00 | 101 | 129484 | 19.238 | ug/l | | 94 |
| 8) Diethyl Ether | 3.39 | 74 | 55877 | 20.579 | ug/l | | 99 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101 | 87078 | 20.719 | ug/l | | 99 |
| 10) 1,1-Dichloroethene | 3.72 | 96 | 79346 | 19.853 | ug/l | | 94 |
| 11) Methyl Iodide | 3.93 | 142 | 90260 | 16.880 | ug/l | | 99 |
| 12) Methyl Acetate | 4.30 | 43 | 113942 | 20.775 | ug/l | | 97 |
| 13) Acrolein | 3.59 | 56 | 4221 | 14.184 | ug/l | # | 76 |
| 14) Acrylonitrile | 4.96 | 53 | 229142 | 102.484 | ug/l | # | 92 |
| 15) Acetone | 3.80 | 58 | 57745 | 90.971 | ug/l | | 96 |
| 16) Carbon Disulfide | 4.03 | 76 | 162475 | 17.458 | ug/l | | 97 |
| 17) Allyl chloride | 4.30 | 41 | 133544 | 18.235 | ug/l | | 95 |
| 18) Methylene Chloride | 4.53 | 84 | 101895 | 20.232 | ug/l | | 98 |
| 19) trans-1,2-Dichloroethene | 5.02 | 96 | 90003 | 20.206 | ug/l | | 95 |
| 20) Diisopropyl ether | 5.93 | 45 | 336499 | 19.654 | ug/l | | 98 |
| 21) 1,1-Dichloroethane | 5.83 | 63 | 196620 | 20.828 | ug/l | | 99 |
| 22) cis-1,2-Dichloroethene | 6.81 | 96 | 110915 | 20.323 | ug/l | | 98 |
| 23) tert-Butyl Alcohol | 4.76 | 59 | 69731 | 95.532 | ug/l | # | 100 |
| 24) Methyl tert-Butyl Ether | 5.02 | 73 | 309667 | 20.215 | ug/l | # | 100 |
| 25) Chloroform | 7.36 | 83 | 194937 | 20.283 | ug/l | | 99 |
| 26) Cyclohexane | 7.64 | 56 | 154932 | 19.533 | ug/l | # | 100 |
| 29) 1,1-Dichloropropene | 7.78 | 75 | 137795 | 19.362 | ug/l | | 98 |
| 30) 2-Butanone | 6.81 | 43 | 307034 | 95.680 | ug/l | | 100 |
| 31) 2,2-Dichloropropane | 6.81 | 77 | 139221 | 18.528 | ug/l | | 100 |
| 32) 1,1,1-Trichloroethane | 7.55 | 97 | 155026 | 19.374 | ug/l | | 97 |
| 33) Carbon Tetrachloride | 7.76 | 117 | 124399 | 19.057 | ug/l | | 98 |
| 34) Benzene | 8.03 | 78 | 419963 | 19.915 | ug/l | | 95 |
| 35) Methacrylonitrile | 7.15 | 41 | 58817 | 19.761 | ug/l | | 96 |
| 36) 1,2-Dichloroethane | 8.11 | 62 | 165980 | 20.283 | ug/l | | 100 |
| 37) Trichloroethene | 8.83 | 130 | 100596 | 19.641 | ug/l | | 95 |
| 38) Methylcyclohexane | 9.07 | 83 | 154202 | 19.028 | ug/l | | 99 |
| 39) 1,2-Dichloropropane | 9.11 | 63 | 117482 | 19.838 | ug/l | | 97 |
| 40) Dibromomethane | 9.20 | 93 | 72552 | 20.142 | ug/l | | 98 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091419\
Data File : VN058018.D
Acq On : 13 Sep 2019 14:58
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDCCC020EC

Quant Time: Sep 14 01:16:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090919W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Sep 09 12:14:07 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Bromodichloromethane | 9.40 | 83 | 137114 | 18.882 ug/l | | 99 |
| 42) Vinyl Acetate | 5.87 | 43 | 1340415 | 103.931 ug/l | | 99 |
| 43) Ethyl Acetate | 6.91 | 43 | 113215 | 17.292 ug/l | # | 79 |
| 44) Isopropyl Acetate | 8.15 | 43 | 230858 | 20.224 ug/l | # | 93 |
| 45) 1,4-Dioxane | 9.19 | 88 | 32106 | 357.928 ug/l | | 97 |
| 46) Methyl methacrylate | 9.19 | 41 | 105306 | 18.885 ug/l | | 98 |
| 47) n-amyl Acetate | 12.07 | 43 | 189555 | 18.077 ug/l | | 98 |
| 48) t-1,3-Dichloropropene | 10.38 | 75 | 138185 | 17.874 ug/l | | 98 |
| 49) cis-1,3-Dichloropropene | 9.83 | 75 | 160978 | 18.559 ug/l | | 99 |
| 50) 1,1,2-Trichloroethane | 10.56 | 97 | 102131 | 19.548 ug/l | | 98 |
| 51) Ethyl methacrylate | 10.43 | 69 | 150469 | 18.574 ug/l | | 97 |
| 52) 1,3-Dichloropropane | 10.71 | 76 | 179351 | 19.629 ug/l | | 100 |
| 53) Dibromochloromethane | 10.90 | 129 | 91792 | 17.790 ug/l | | 97 |
| 54) 1,2-Dibromoethane | 11.00 | 107 | 96372 | 18.539 ug/l | | 98 |
| 55) 2-Chloroethyl vinyl ether | 9.69 | 63 | 338363 | 87.899 ug/l | | 99 |
| 56) Bromoform | 12.13 | 173 | 52668 | 16.477 ug/l | | 98 |
| 58) 4-Methyl-2-Pentanone | 9.98 | 43 | 666465 | 108.044 ug/l | | 99 |
| 59) 2-Hexanone | 10.75 | 43 | 462572 | 99.931 ug/l | | 99 |
| 61) Tetrachloroethene | 10.63 | 164 | 81299 | 20.103 ug/l | | 98 |
| 62) Toluene | 10.15 | 91 | 452292 | 20.536 ug/l | | 99 |
| 64) Chlorobenzene | 11.44 | 112 | 273300 | 20.003 ug/l | | 99 |
| 65) 1,1,1,2-Tetrachloroethane | 11.51 | 131 | 91392 | 19.265 ug/l | | 97 |
| 66) Ethyl Benzene | 11.51 | 91 | 495055 | 20.595 ug/l | | 99 |
| 67) m/p-Xylenes | 11.62 | 106 | 365095 | 39.795 ug/l | | 99 |
| 68) o-Xylene | 11.95 | 106 | 176388 | 19.625 ug/l | | 99 |
| 69) Styrene | 11.97 | 104 | 298839 | 19.501 ug/l | | 99 |
| 70) Isopropylbenzene | 12.25 | 105 | 486053 | 20.455 ug/l | | 99 |
| 71) 1,1,2,2-Tetrachloroethane | 12.51 | 83 | 145988 | 19.658 ug/l | | 99 |
| 72) 1,2,3-Trichloropropane | 12.56 | 75 | 172892 | 26.230 ug/l | | 76 |
| 73) Bromobenzene | 12.53 | 156 | 106764 | 18.767 ug/l | | 95 |
| 74) n-propylbenzene | 12.60 | 91 | 568054 | 20.924 ug/l | | 100 |
| 75) 2-Chlorotoluene | 12.68 | 91 | 333007 | 19.693 ug/l | | 100 |
| 76) 1,3,5-Trimethylbenzene | 12.74 | 105 | 406985 | 20.114 ug/l | | 98 |
| 77) t-1,4-Dichloro-2-butene | 12.30 | 75 | 30467 | 15.581 ug/l | | 98 |
| 78) 4-Chlorotoluene | 12.78 | 91 | 342723 | 19.870 ug/l | | 98 |
| 79) tert-butylbenzene | 13.00 | 119 | 348163 | 19.724 ug/l | | 99 |
| 80) 1,2,4-Trimethylbenzene | 13.05 | 105 | 404916 | 20.084 ug/l | | 100 |
| 81) sec-Butylbenzene | 13.18 | 105 | 470661 | 20.096 ug/l | | 99 |
| 82) p-Isopropyltoluene | 13.29 | 119 | 420563 | 20.051 ug/l | | 99 |
| 83) 1,3-Dichlorobenzene | 13.29 | 146 | 204351 | 19.326 ug/l | | 100 |
| 84) 1,4-Dichlorobenzene | 13.37 | 146 | 203614 | 19.559 ug/l | | 98 |
| 85) n-Butylbenzene | 13.62 | 91 | 372276 | 19.045 ug/l | | 98 |
| 86) Hexachloroethane | 13.88 | 117 | 54100 | 16.193 ug/l | | 97 |
| 87) 1,2-Dichlorobenzene | 13.66 | 146 | 202540 | 19.733 ug/l | | 97 |
| 88) 1,2-Dibromo-3-Chloropropan | 14.28 | 75 | 23634 | 18.075 ug/l | | 98 |
| 89) 1,2,4-Trichlorobenzene | 14.92 | 180 | 119073 | 18.991 ug/l | | 99 |
| 90) Hexachlorobutadiene | 15.02 | 225 | 54855 | 19.050 ug/l | | 99 |
| 91) Naphthalene | 15.13 | 128 | 337959 | 19.589 ug/l | | 99 |
| 92) 1,2,3-Trichlorobenzene | 15.30 | 180 | 116995 | 19.565 ug/l | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091419\
Data File : VN058018.D
Acq On : 13 Sep 2019 14:58
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Quant Time: Sep 14 01:16:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090919W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Sep 09 12:14:07 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

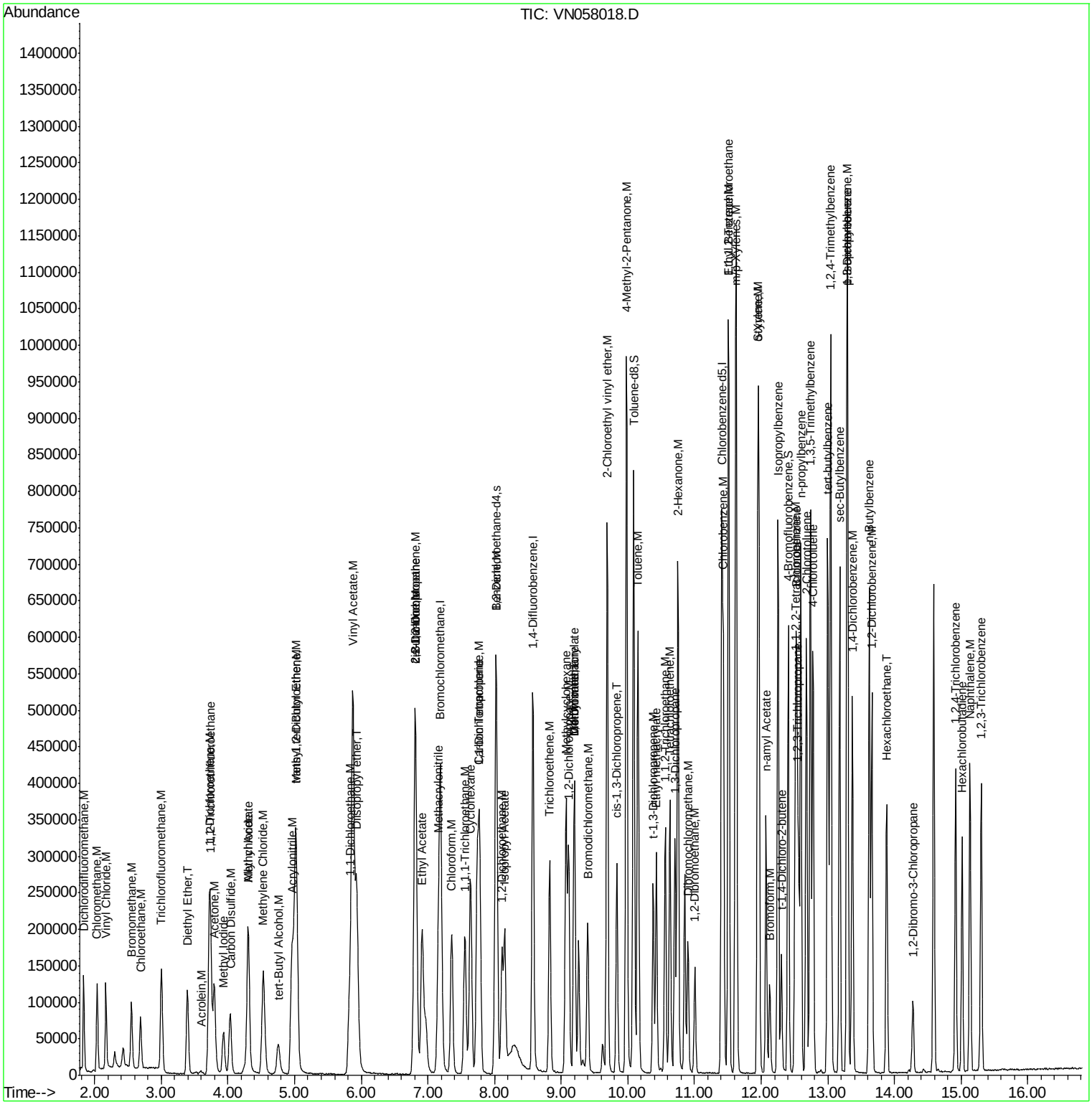
(#) = qualifier out of range (m) = manual integration (+) = signals summed

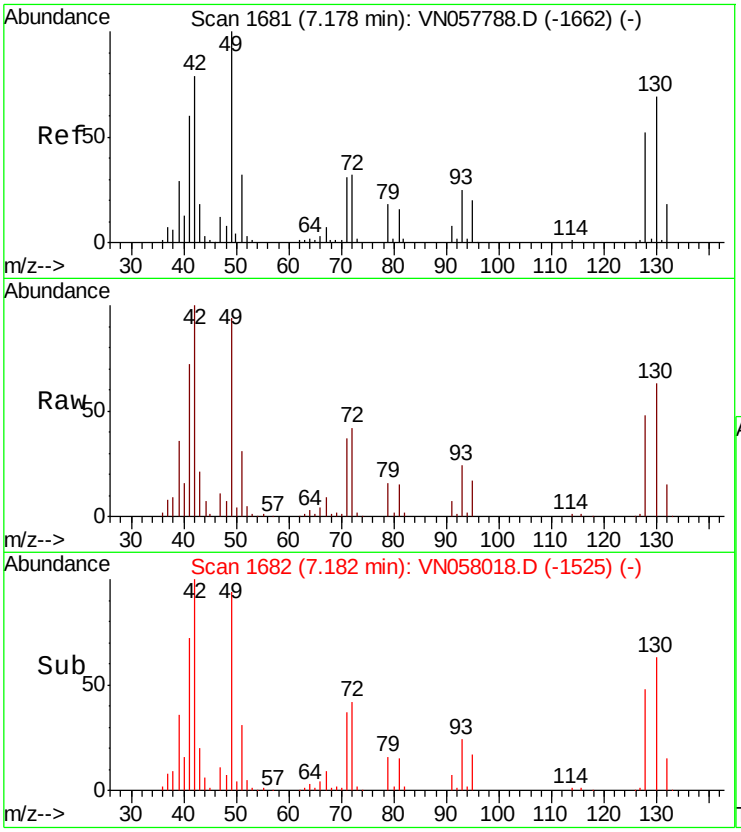
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091419\
Data File : VN058018.D
Acq On : 13 Sep 2019 14:58
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDCCC020EC

Quant Time: Sep 14 01:16:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090919W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Sep 09 12:14:07 2019
Response via : Initial Calibration



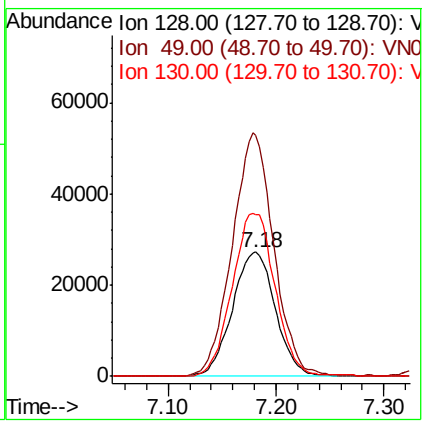


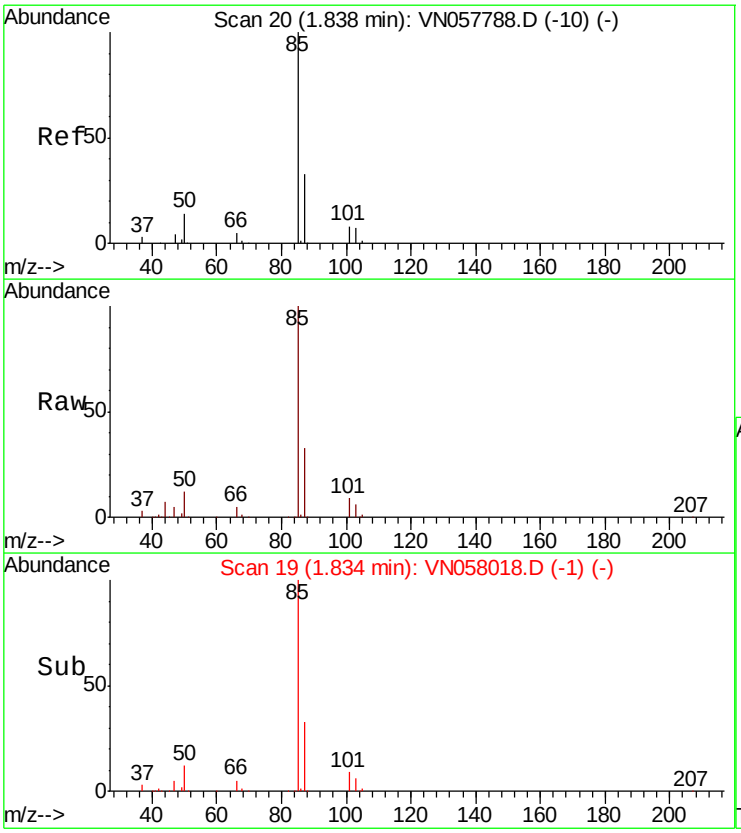

#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDCCC020EC

Tgt Ion:128 Resp: 75583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 189.6 | 0.0 | 486.5 |
| 130 | 76.1 | 0.0 | 324.5 |

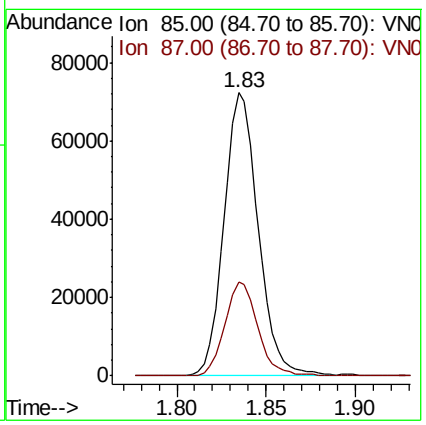


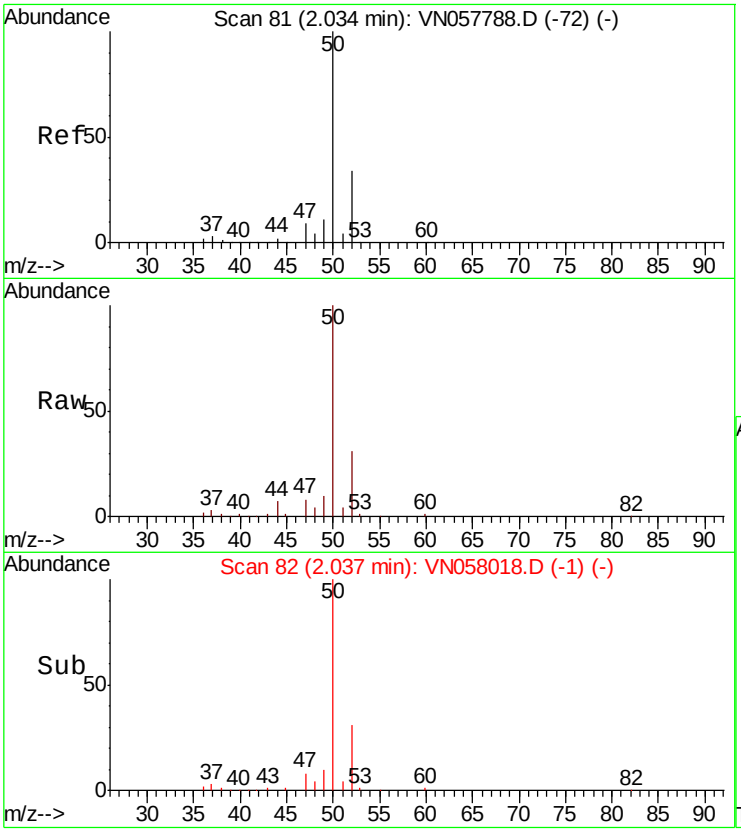




#2
Dichlorodifluoromethane
Concen: 21.101 ug/l
RT: 1.83 min Scan# 19
Delta R.T. -0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 85 Resp: 96362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.0 | 16.4 | 49.4 |



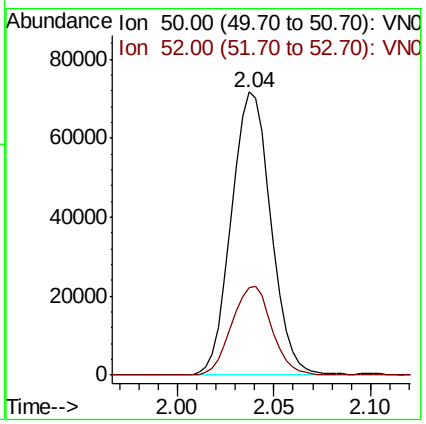


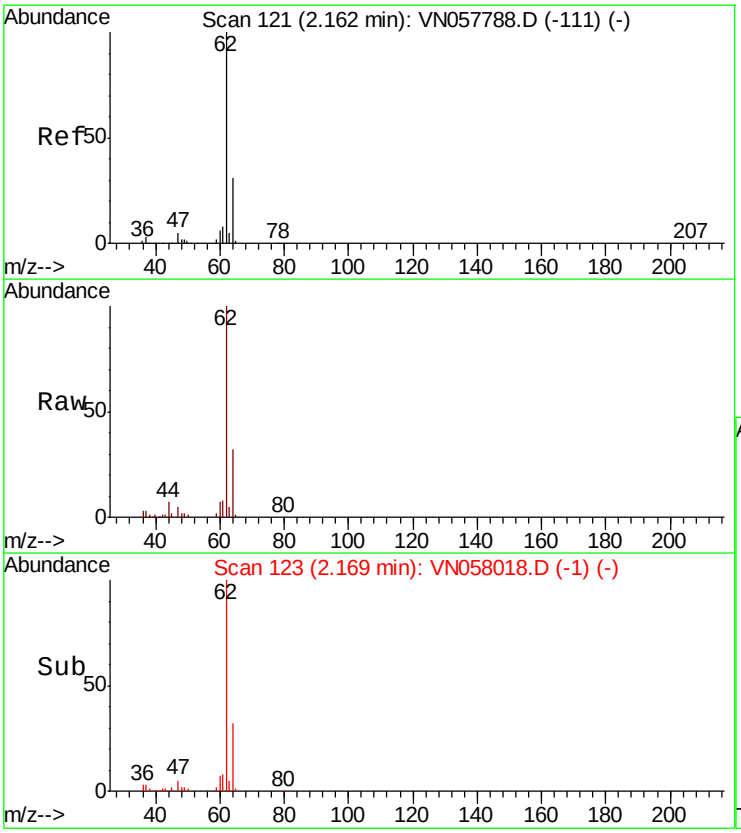

#3
Chloromethane
Concen: 17.898 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion: 50 Resp: 101914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 30.8 | 26.9 | 40.3 |

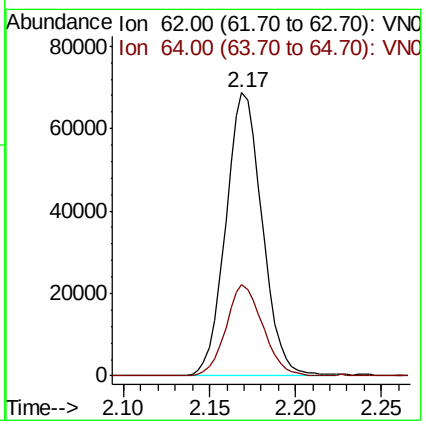


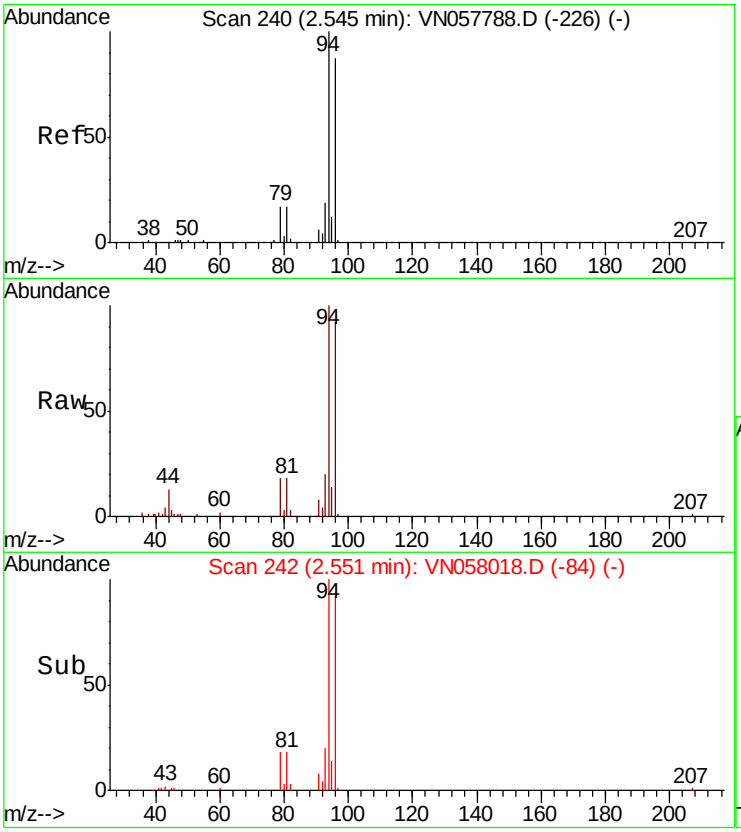




#4
Vinyl Chloride
Concen: 17.497 ug/l
RT: 2.17 min Scan# 123
Delta R.T. 0.01 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 62 Resp: 101939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.1 | 25.0 | 37.6 |



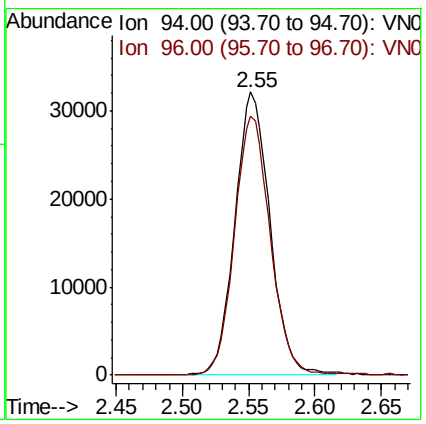


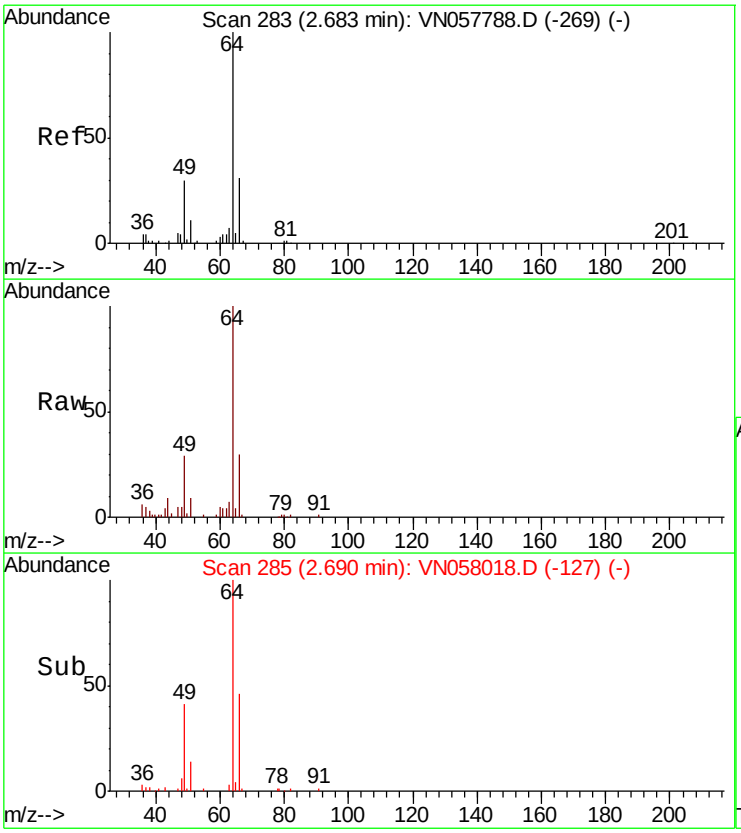

#5
Bromomethane
Concen: 16.282 ug/l
RT: 2.55 min Scan# 242
Delta R.T. 0.01 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion: 94 Resp: 59199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 91.5 | 69.2 | 103.8 |

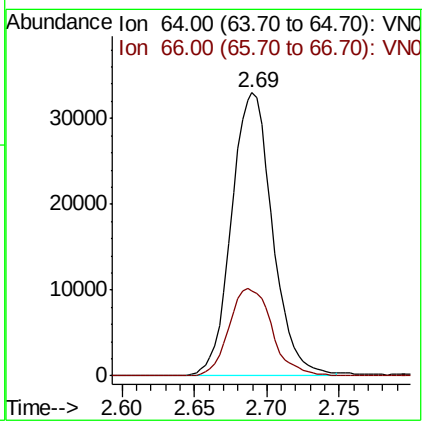


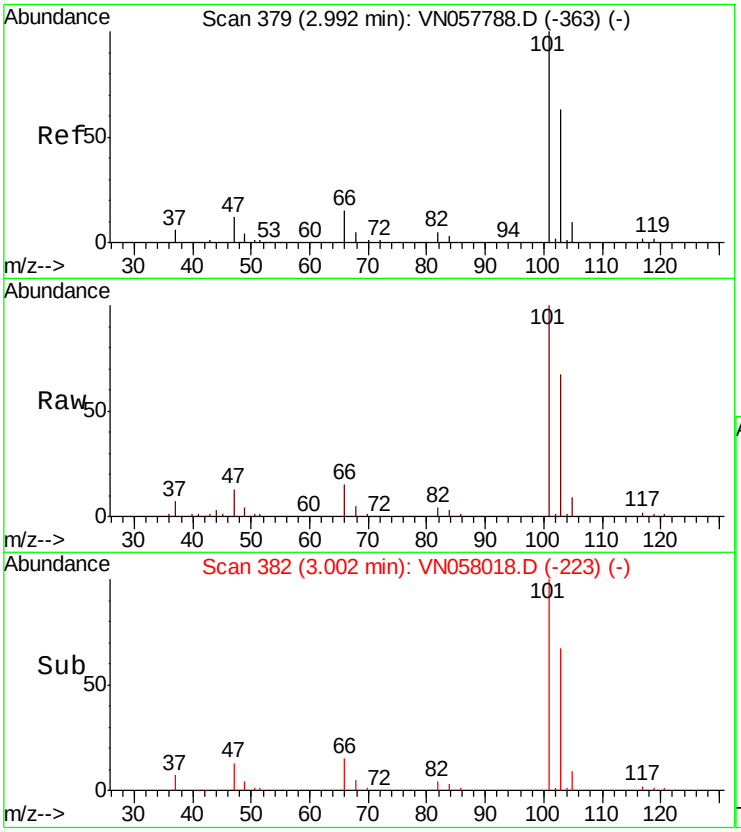




#6
Chloroethane
Concen: 17.902 ug/l
RT: 2.69 min Scan# 285
Delta R.T. 0.01 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 64 Resp: 64816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 30.2 | 24.4 | 36.6 |



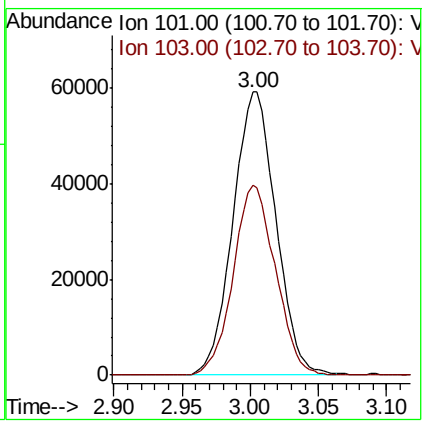


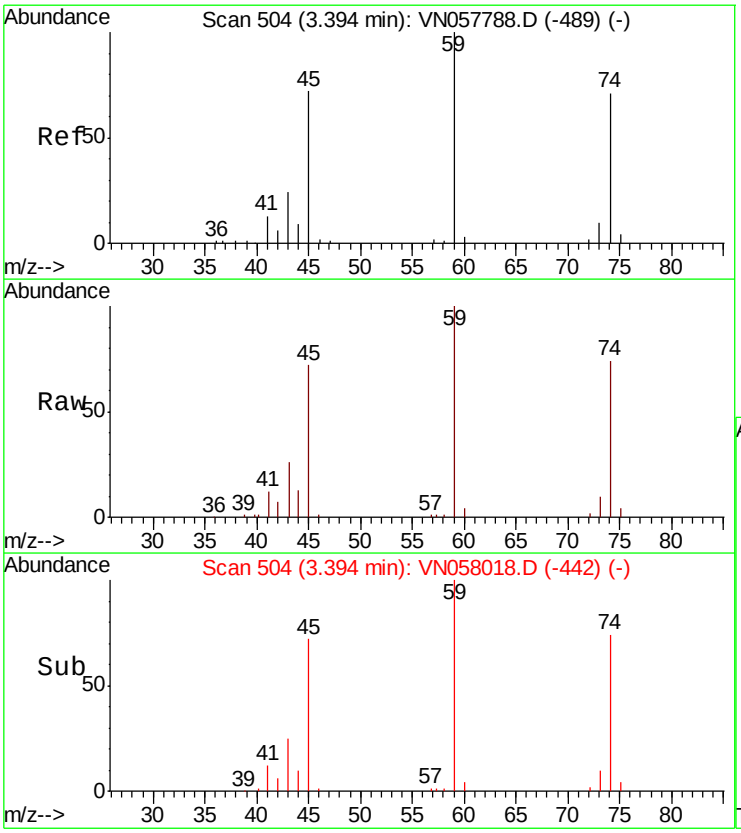

#7
Trichlorofluoromethane
Concen: 19.238 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.01 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion:101 Resp: 129484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 67.2 | 50.2 | 75.2 |

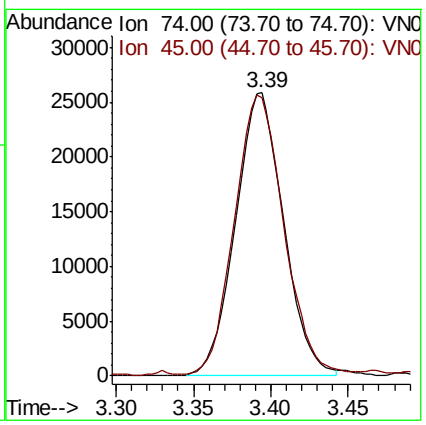


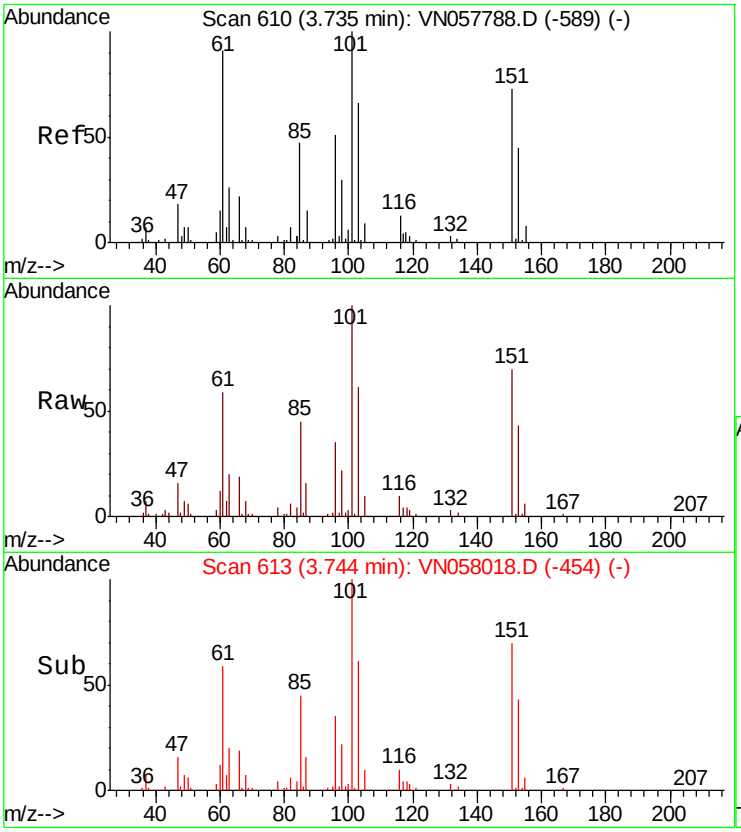




#8
Diethyl Ether
Concen: 20.579 ug/l
RT: 3.39 min Scan# 504
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 74 Resp: 55877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 100.7 | 20.3 | 182.5 |



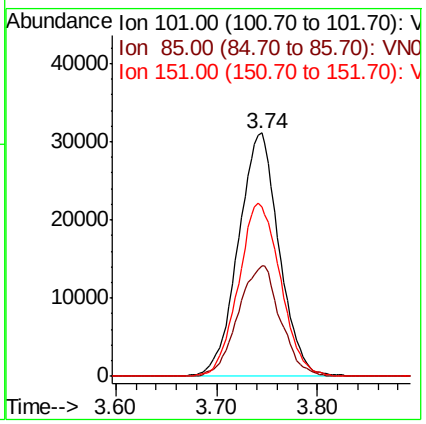


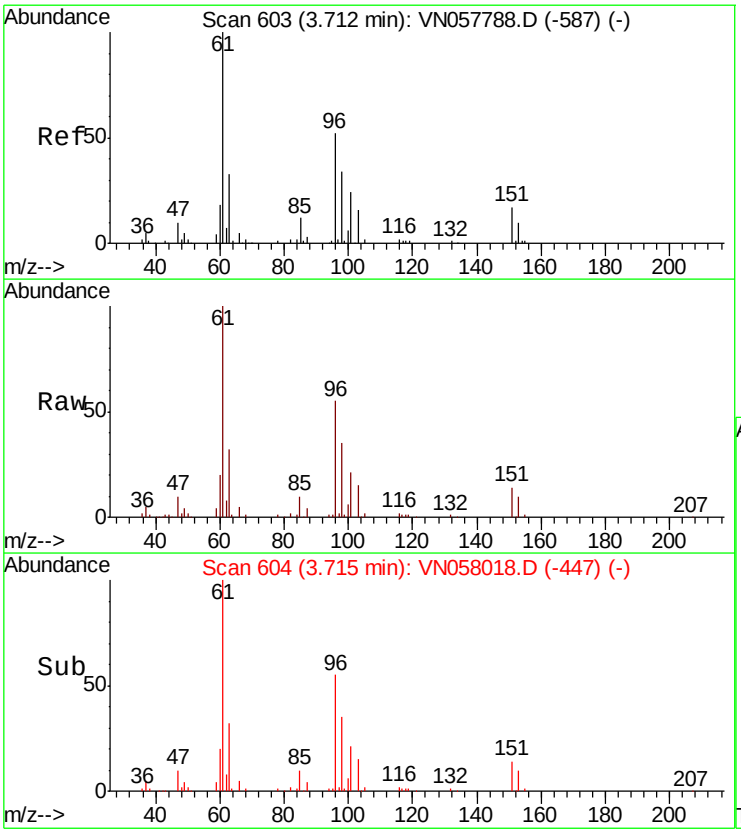

#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.719 ug/l
RT: 3.74 min Scan# 613
Delta R.T. 0.01 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion:101 Resp: 87078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 47.0 | 0.0 | 94.0 |
| 151 | 73.4 | 0.0 | 144.4 |

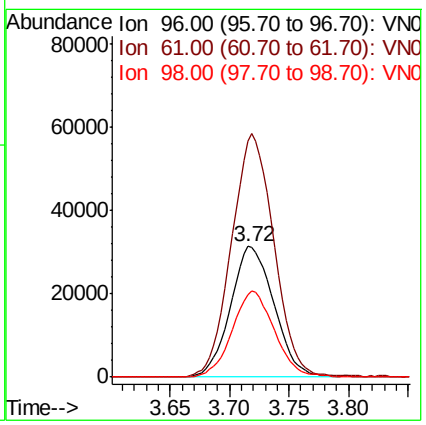


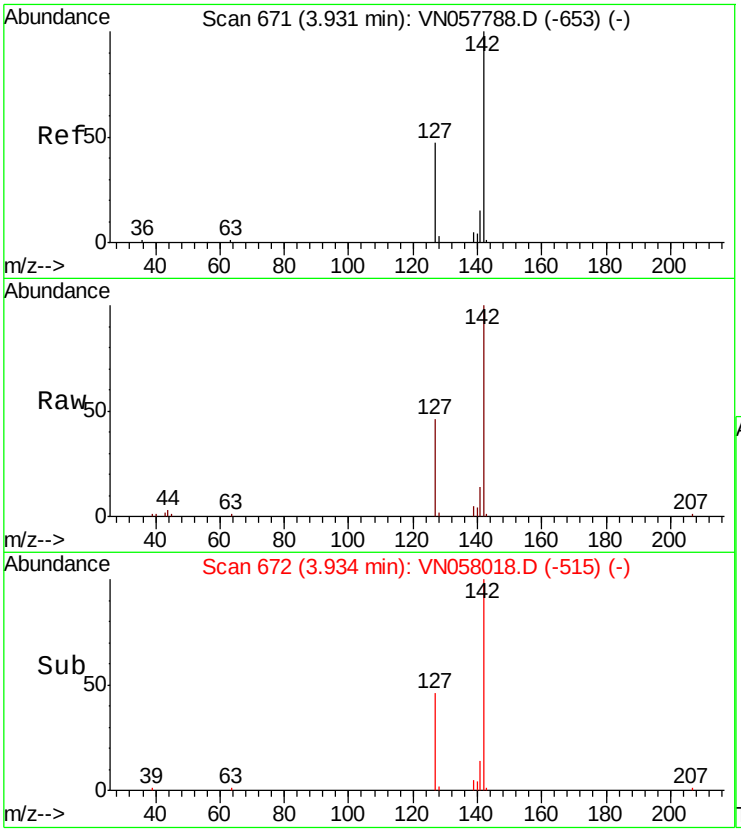




#10
1,1-Dichloroethene
Concen: 19.853 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 96 Resp: 79346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 180.2 | 153.4 | 230.0 |
| 98 | 63.0 | 51.5 | 77.3 |



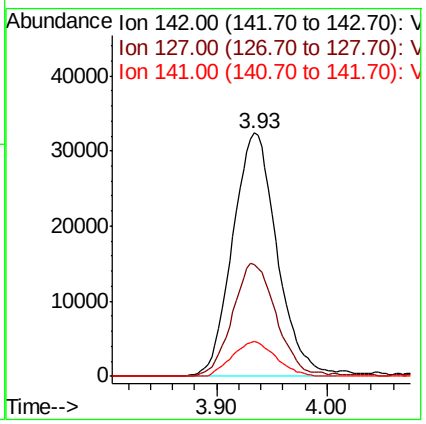


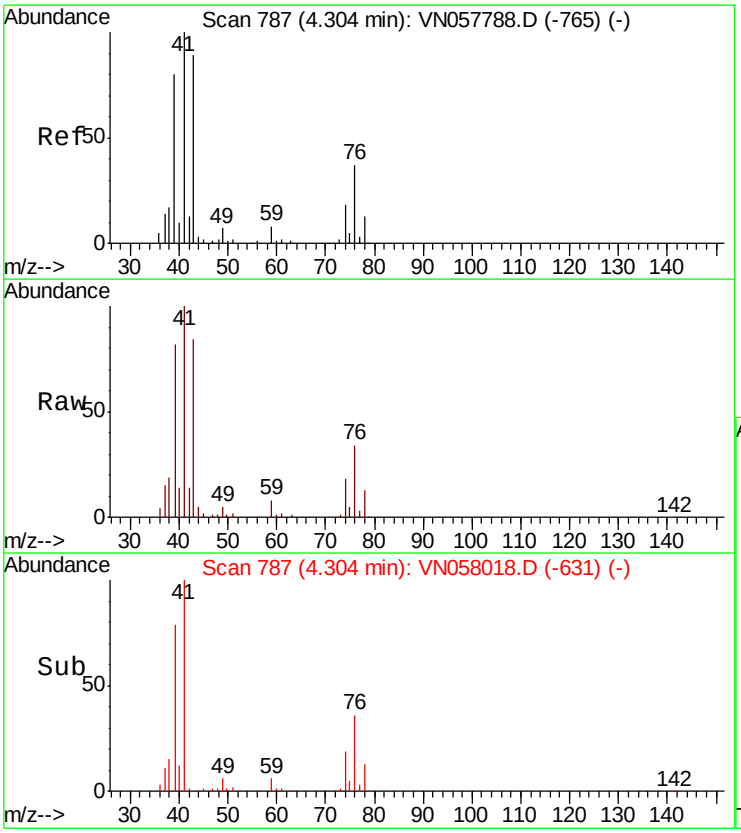

#11
Methyl Iodide
Concen: 16.880 ug/l
RT: 3.93 min Scan# 672
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion:142 Resp: 90260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 45.8 | 23.3 | 69.8 |
| 141 | 14.5 | 7.5 | 22.6 |

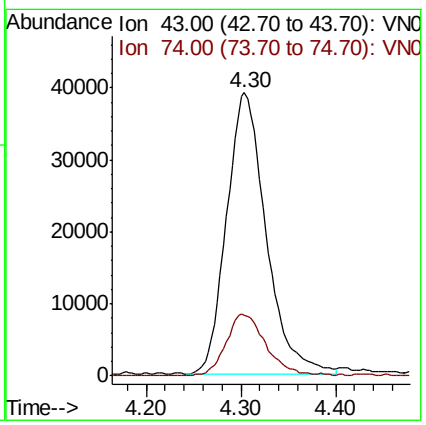


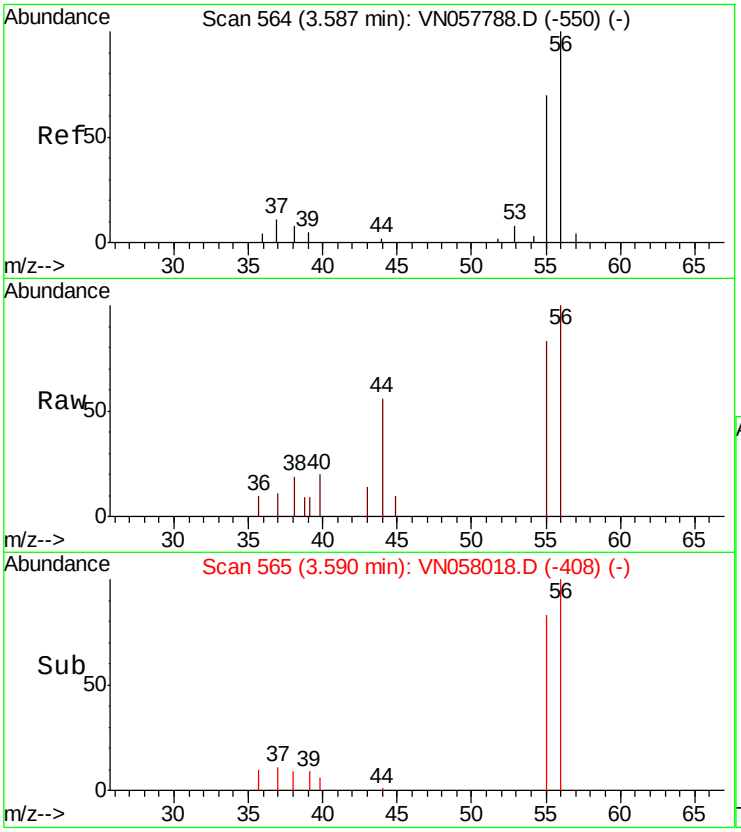




#12
Methyl Acetate
Concen: 20.775 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 43 Resp: 113942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 21.8 | 16.2 | 24.4 |



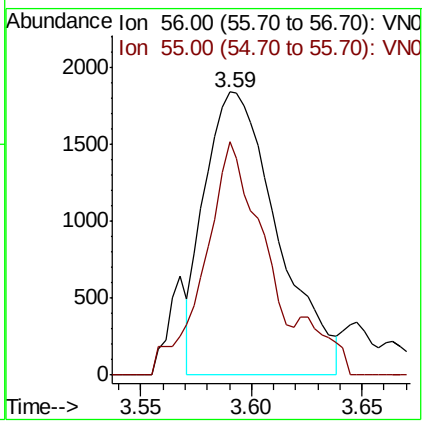


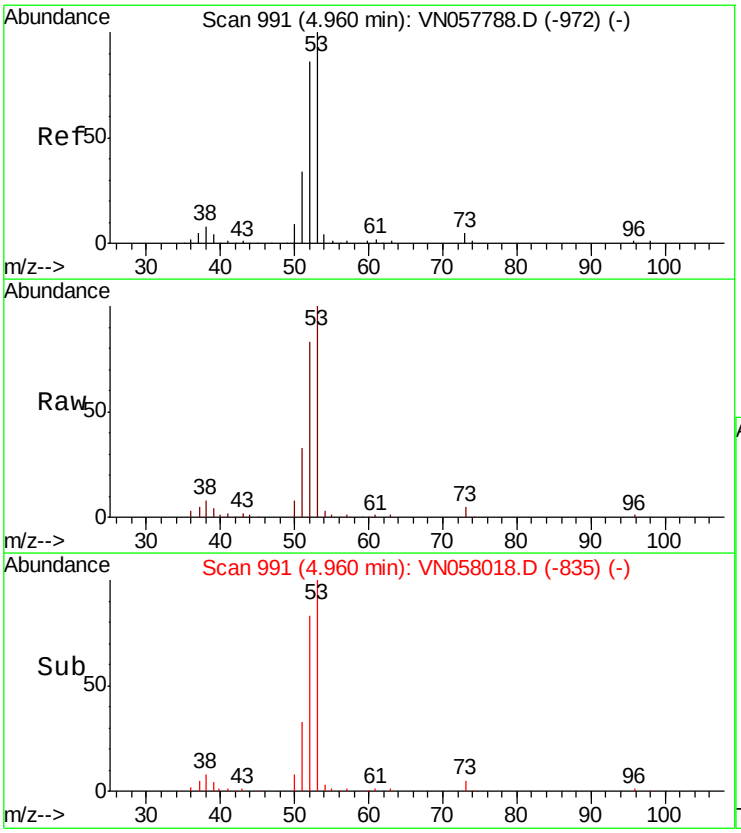

#13
Acrolein
Concen: 14.184 ug/l
RT: 3.59 min Scan# 565
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion: 56 Resp: 4221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 53.2 | 59.0 | 88.4# |

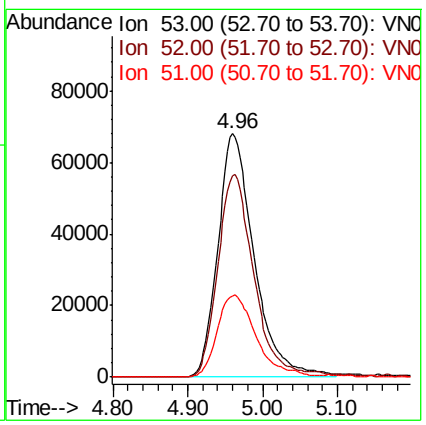


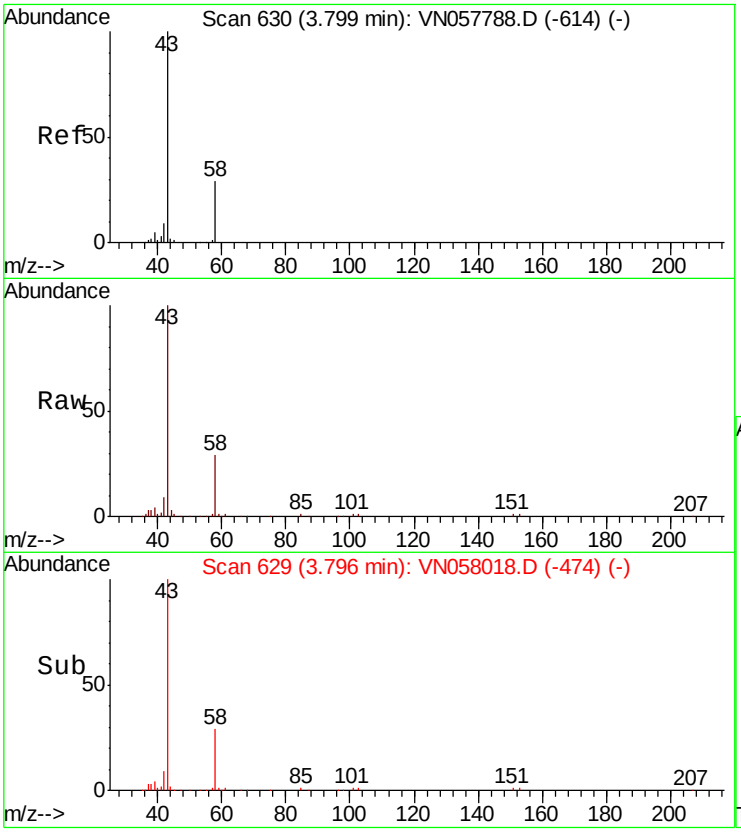




#14
Acrylonitrile
Concen: 102.484 ug/l
RT: 4.96 min Scan# 991
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 53 Resp: 229142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 81.3 | 41.0 | 123.0 |
| 51 | 36.1 | 8.6 | 25.8# |



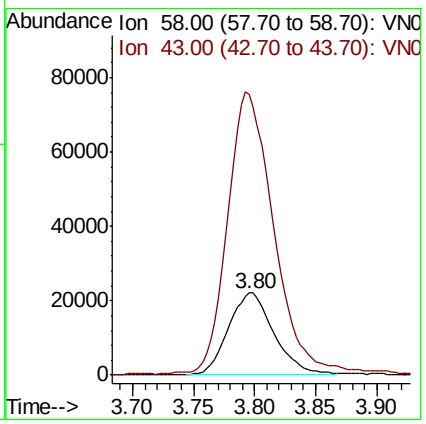


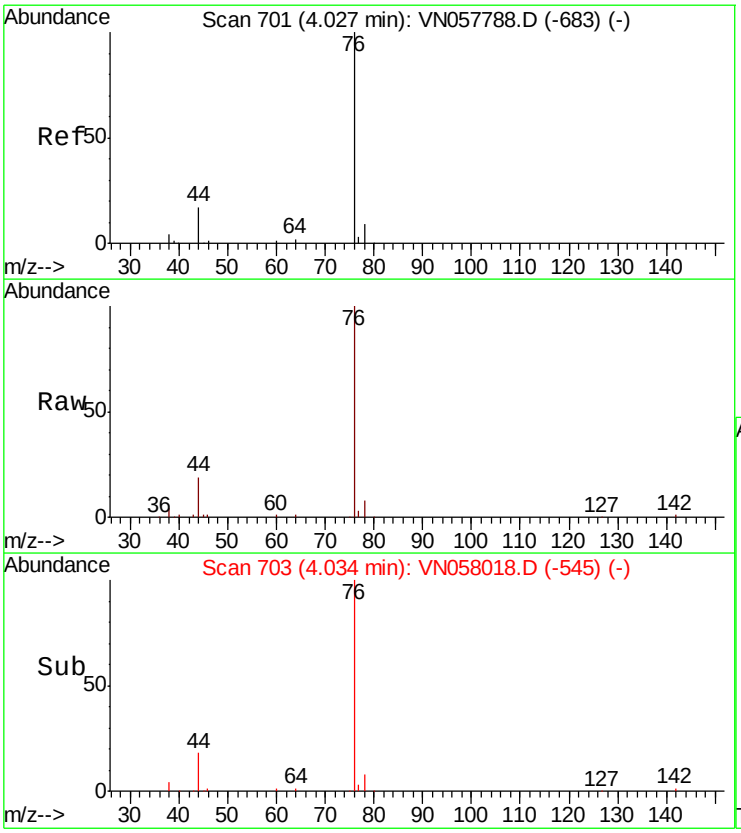

#15
Acetone
Concen: 90.971 ug/l
RT: 3.80 min Scan# 629
Delta R.T. -0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDCCC020EC

Tgt Ion: 58 Resp: 57745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 58 | 100 | | |
| 43 | 337.8 | 277.7 | 416.5 |

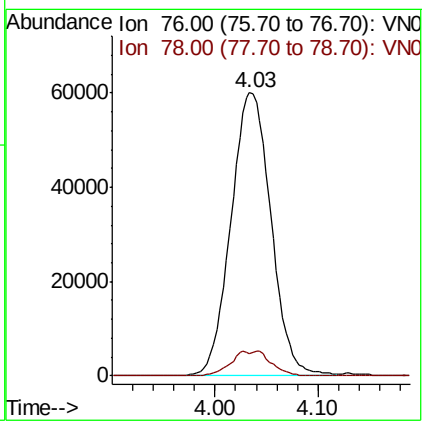


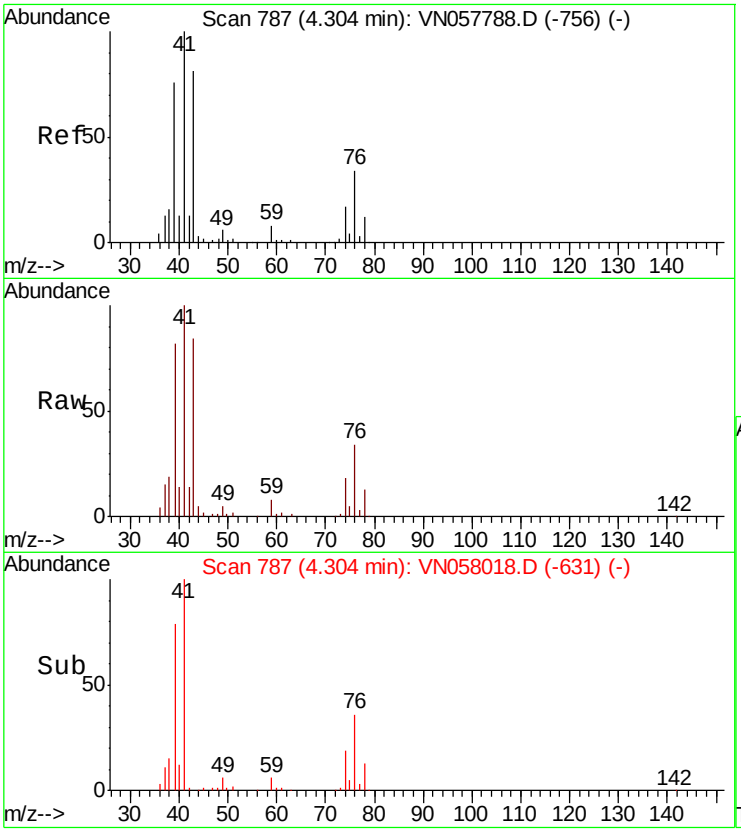




#16
Carbon Disulfide
Concen: 17.458 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.01 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 76 Resp: 162475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.0 | 7.4 | 11.0 |



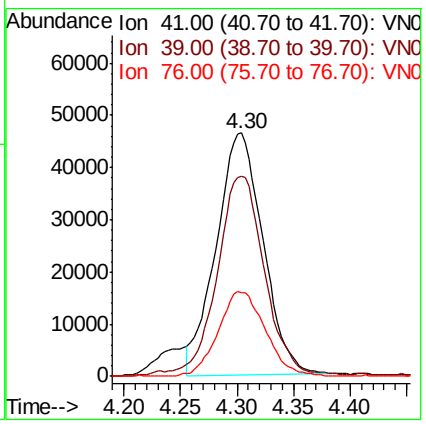


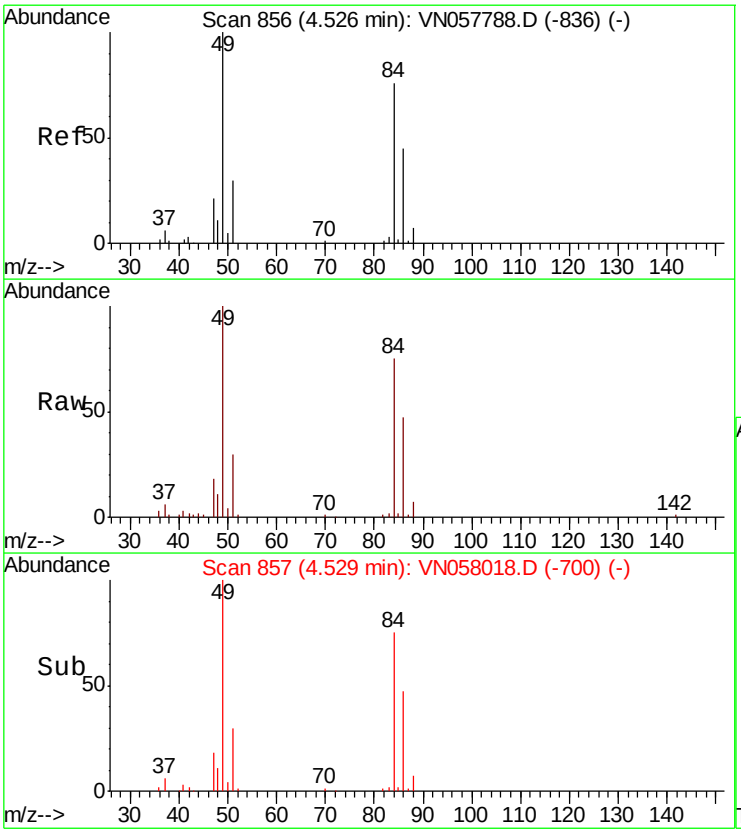

#17
Allyl chloride
Concen: 18.235 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion: 41 Resp: 133544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 82.3 | 38.5 | 115.3 |
| 76 | 34.7 | 17.2 | 51.6 |

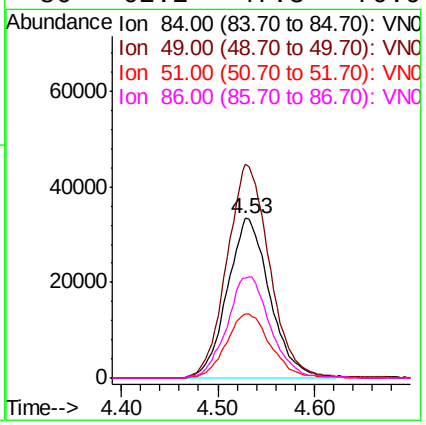


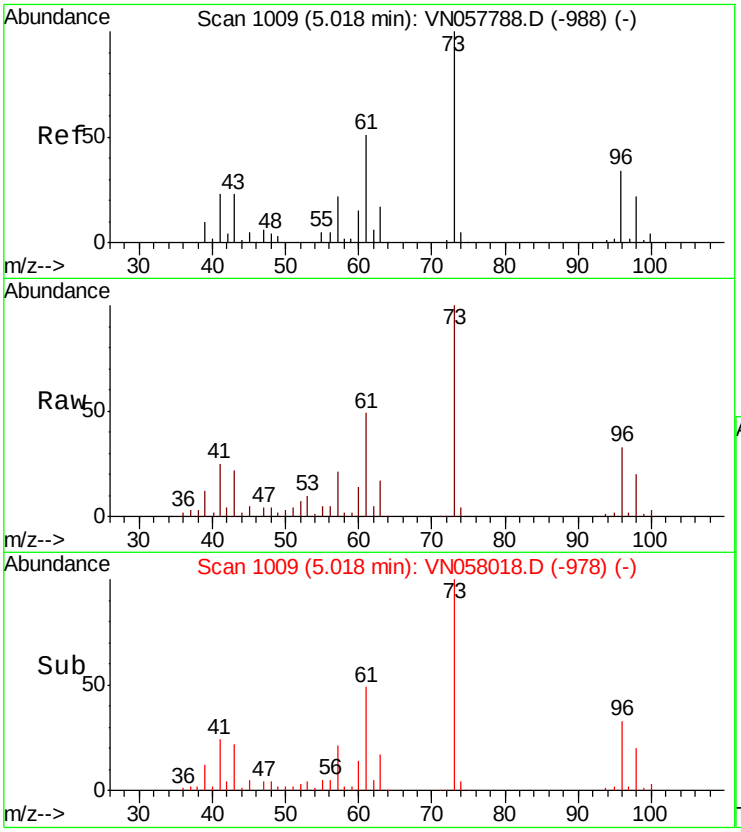




#18
Methylene Chloride
Concen: 20.232 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 84 Resp: 101895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 133.0 | 105.4 | 158.2 |
| 51 | 40.3 | 31.3 | 46.9 |
| 86 | 62.2 | 47.3 | 70.9 |



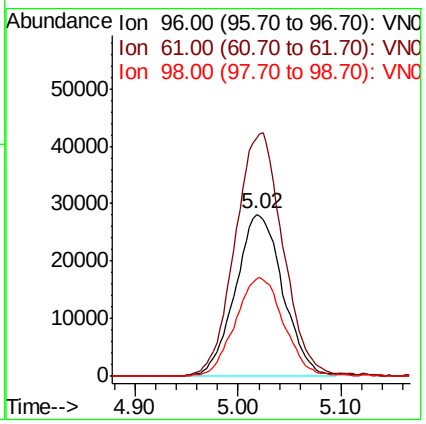


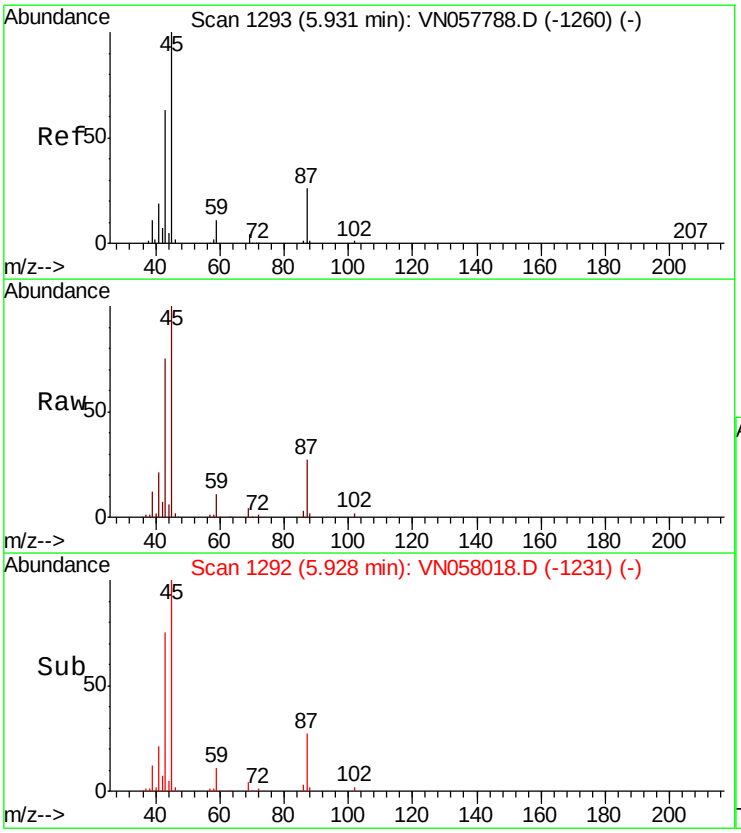

#19
trans-1,2-Dichloroethene
Concen: 20.206 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDCCC020EC

Tgt Ion: 96 Resp: 90003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 146.4 | 121.0 | 181.6 |
| 98 | 60.1 | 52.7 | 79.1 |

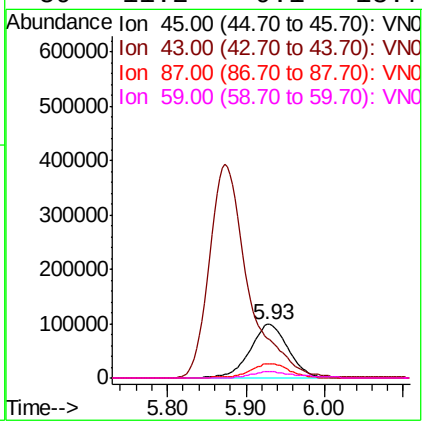


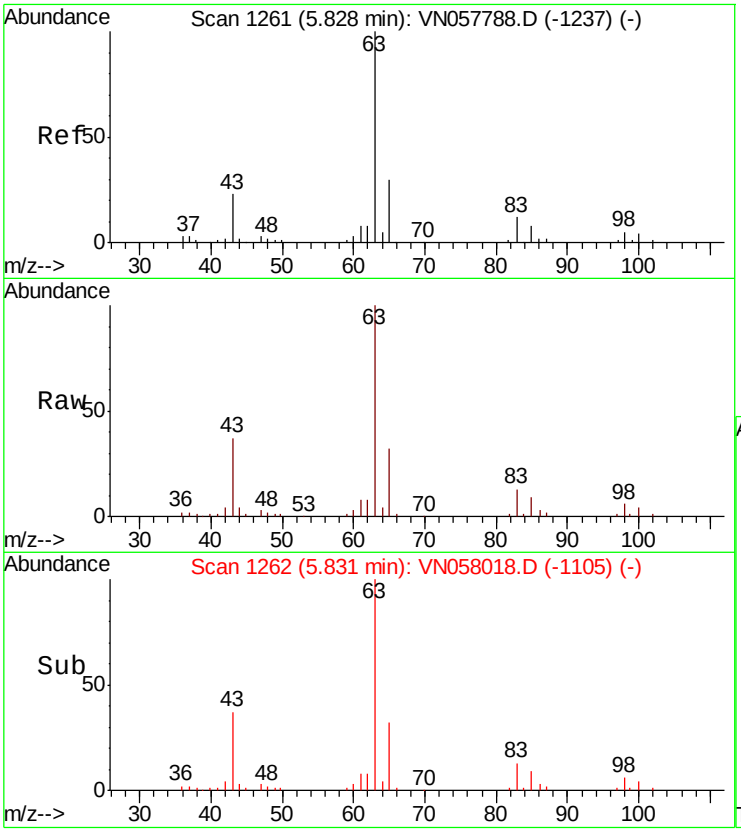




#20
Diisopropyl ether
Concen: 19.654 ug/l
RT: 5.93 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 45 Resp: 336499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 71.8 | 55.2 | 82.8 |
| 87 | 26.4 | 21.3 | 31.9 |
| 59 | 11.2 | 9.1 | 13.7 |



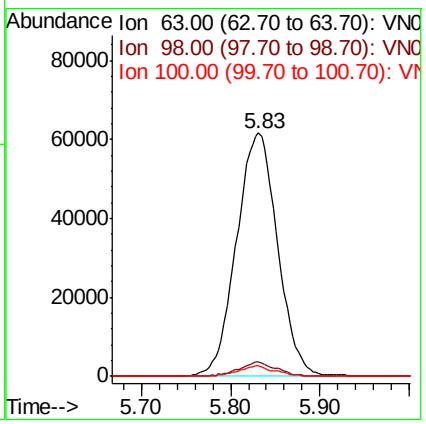


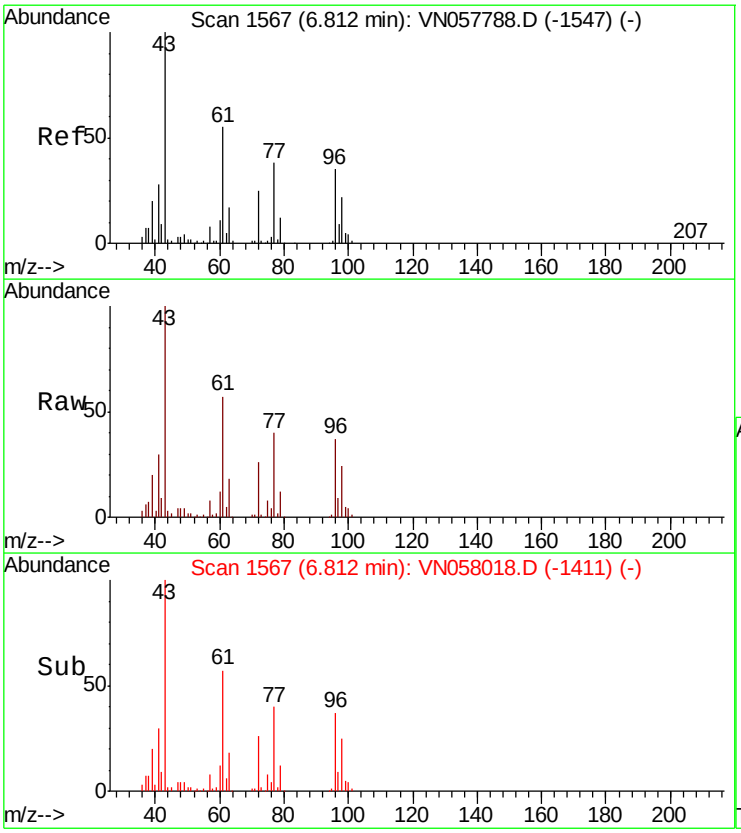

#21
1,1-Dichloroethane
Concen: 20.828 ug/l
RT: 5.83 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDCCC020EC

Tgt Ion: 63 Resp: 196620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 5.8 | 2.8 | 8.3 |
| 100 | 4.3 | 1.8 | 5.5 |

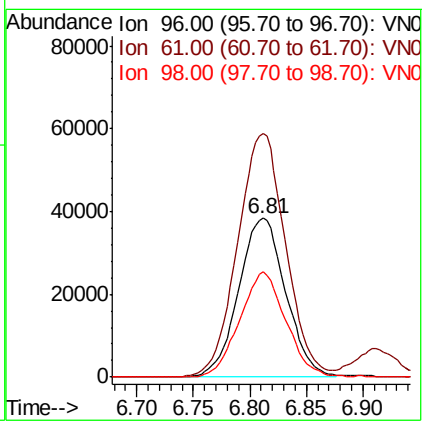


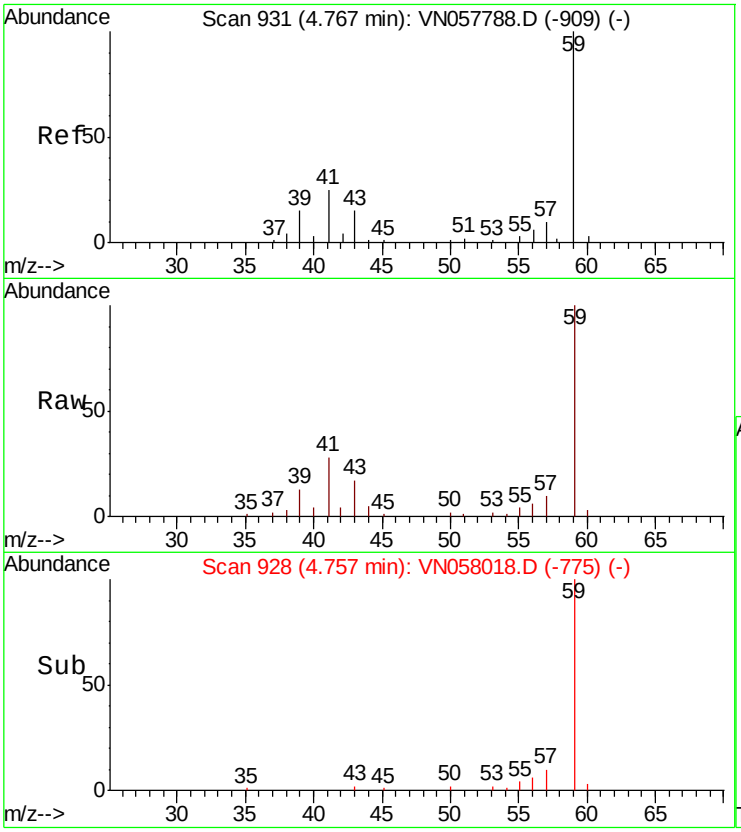




#22
cis-1,2-Dichloroethene
Concen: 20.323 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 96 Resp: 110915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 156.4 | 127.4 | 191.0 |
| 98 | 64.5 | 51.5 | 77.3 |



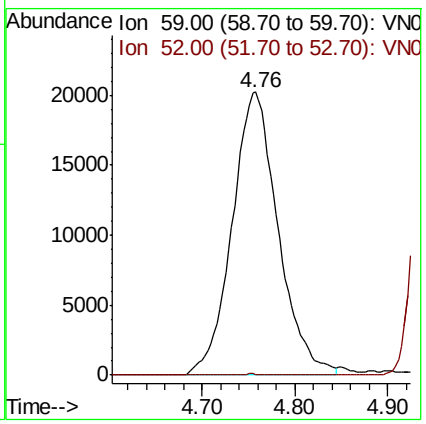


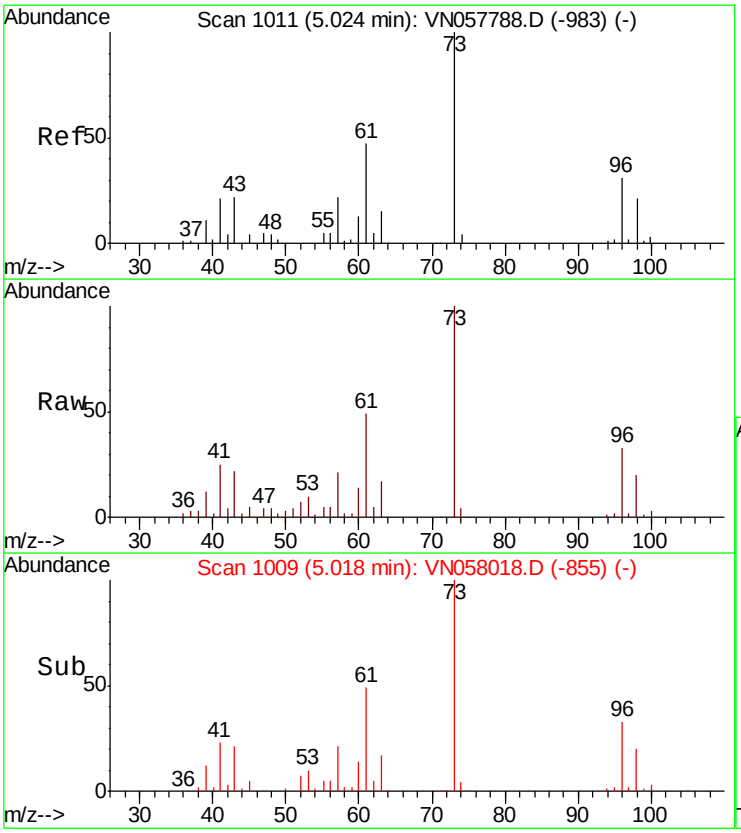

#23
tert-Butyl Alcohol
Concen: 95.532 ug/l
RT: 4.76 min Scan# 928
Delta R.T. -0.01 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion: 59 Resp: 69731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 52 | 0.1 | 0.0 | 0.0# |

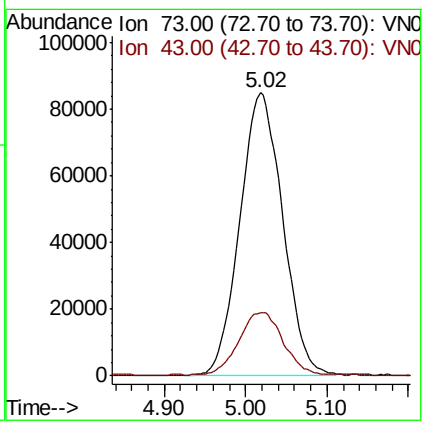


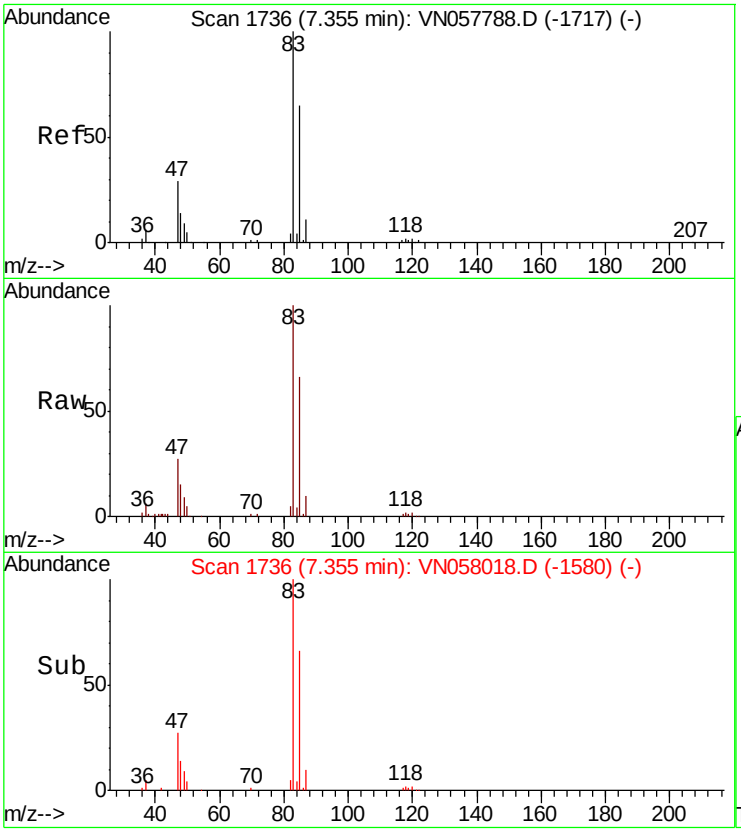




#24
Methyl tert-Butyl Ether
Concen: 20.215 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 73 Resp: 309667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 22.9 | 0.0 | 0.0# |



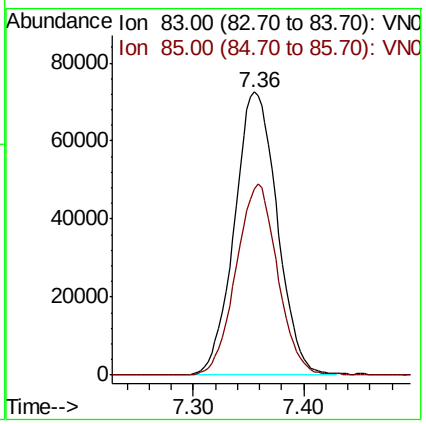


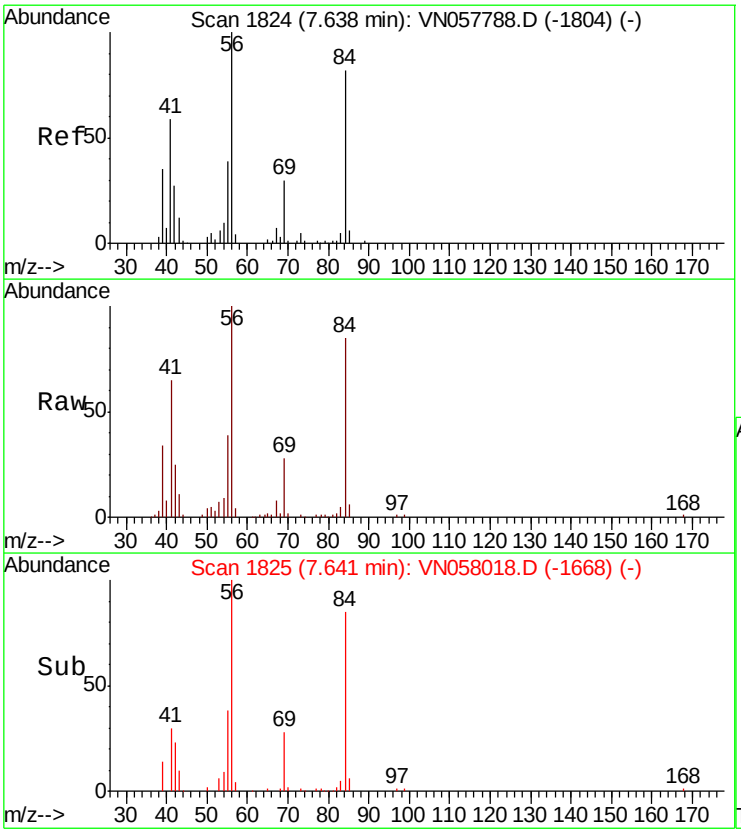

#25
Chloroform
Concen: 20.283 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion: 83 Resp: 194937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.8 | 51.8 | 77.6 |

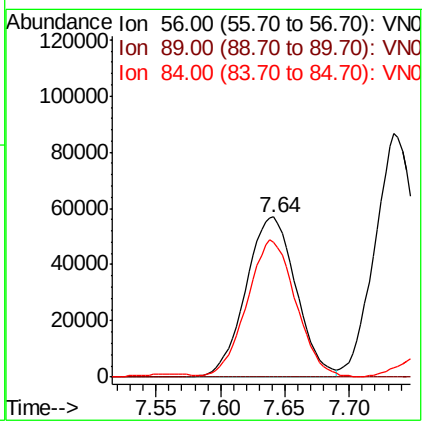


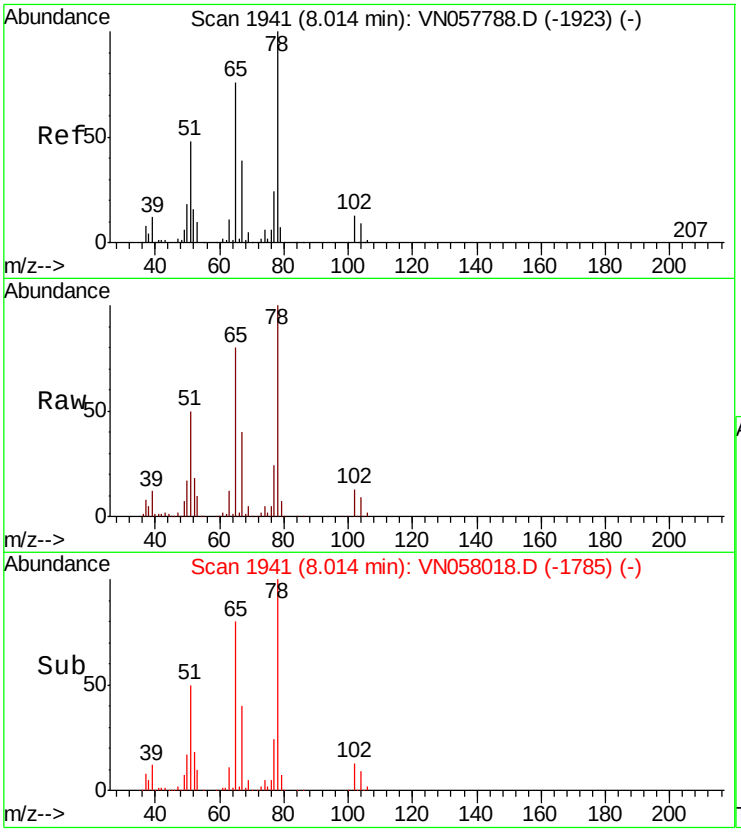




#26
Cyclohexane
Concen: 19.533 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 56 Resp: 154932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 89 | 0.1 | 0.3 | 0.5# |
| 84 | 83.3 | 66.6 | 100.0 |



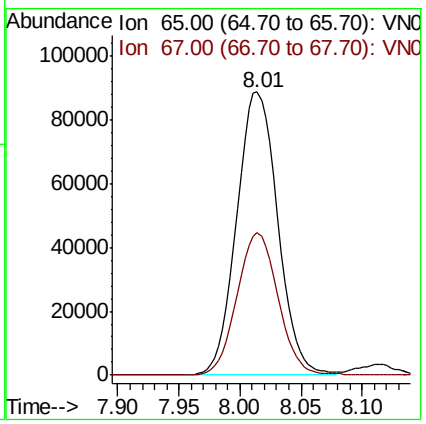


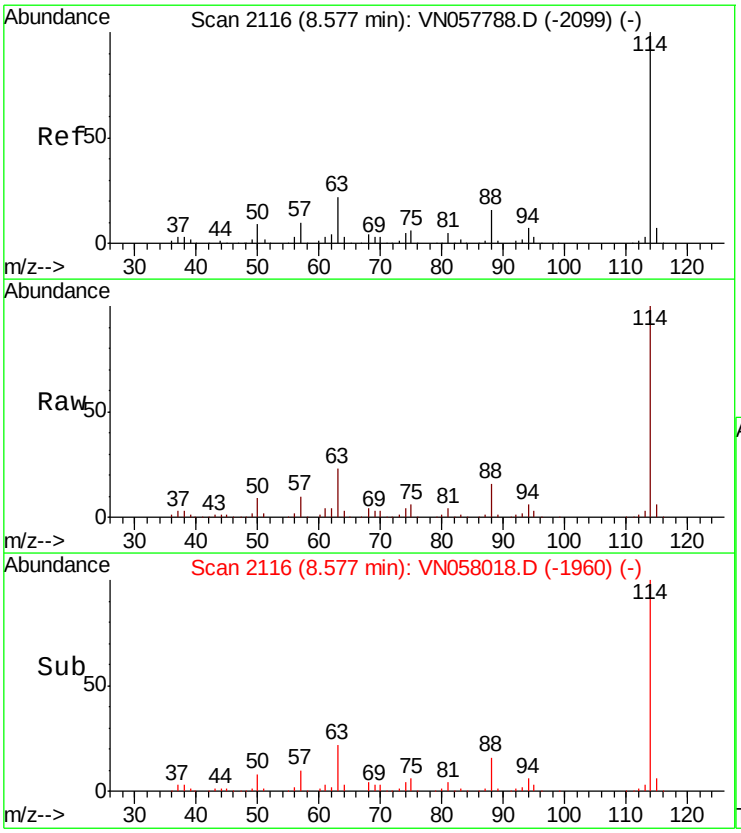

#27
1,2-Dichloroethane-d4
Concen: 30.914 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDCCC020EC

Tgt Ion: 65 Resp: 206682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.1 | 40.9 | 61.3 |

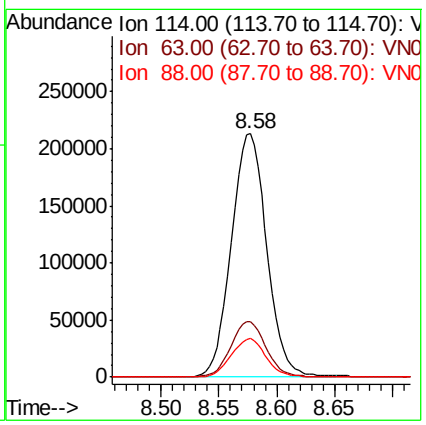


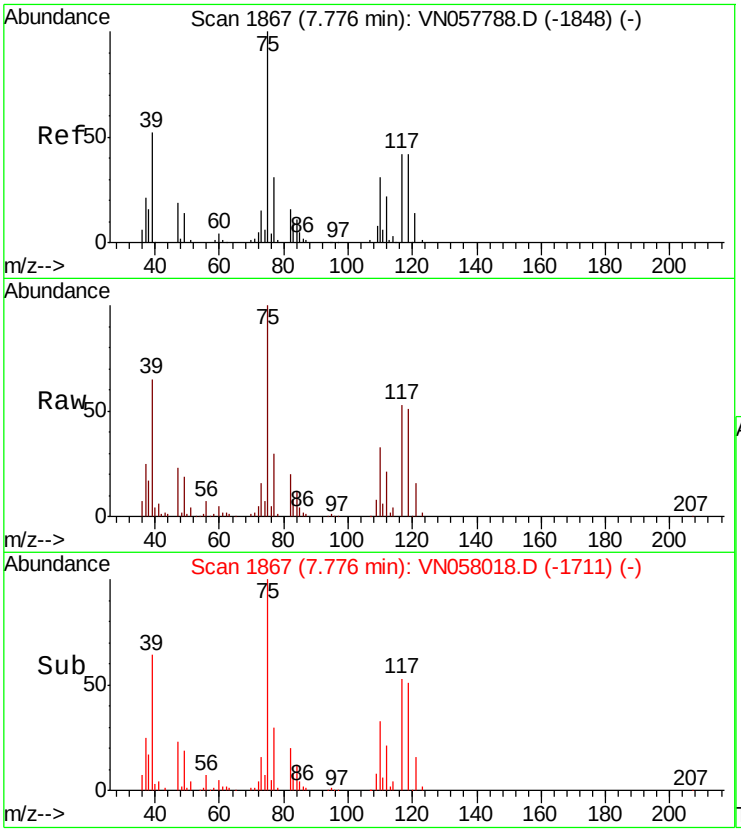




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion:114 Resp: 452401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.6 | 18.0 | 27.0 |
| 88 | 15.6 | 12.6 | 19.0 |



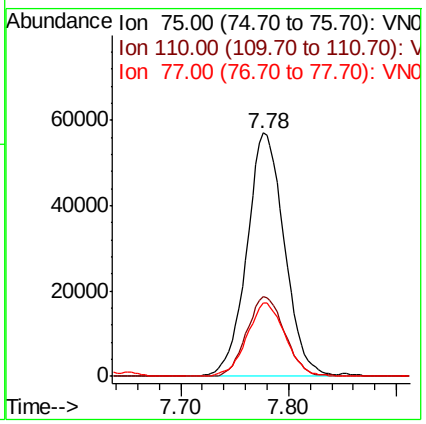


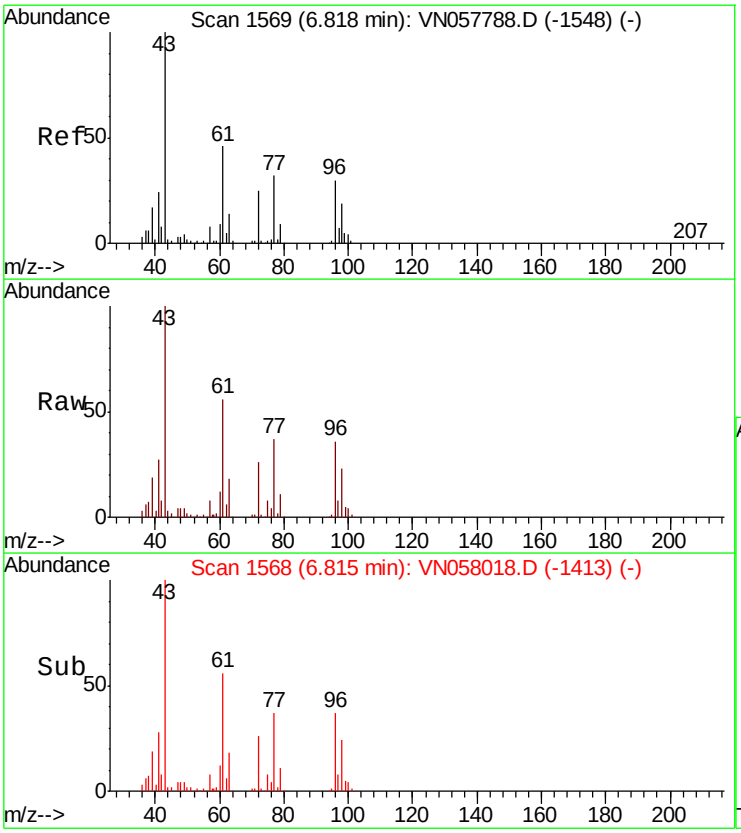

#29
1,1-Dichloropropene
Concen: 19.362 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion: 75 Resp: 137795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 33.2 | 0.0 | 63.8 |
| 77 | 30.7 | 0.0 | 60.0 |

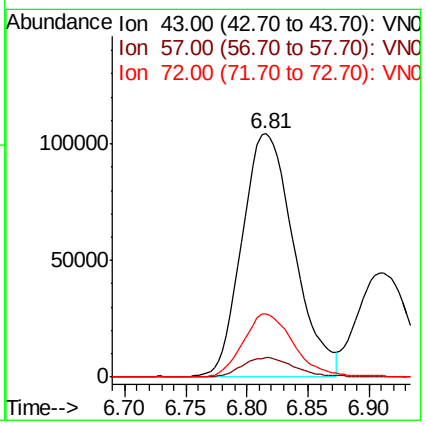


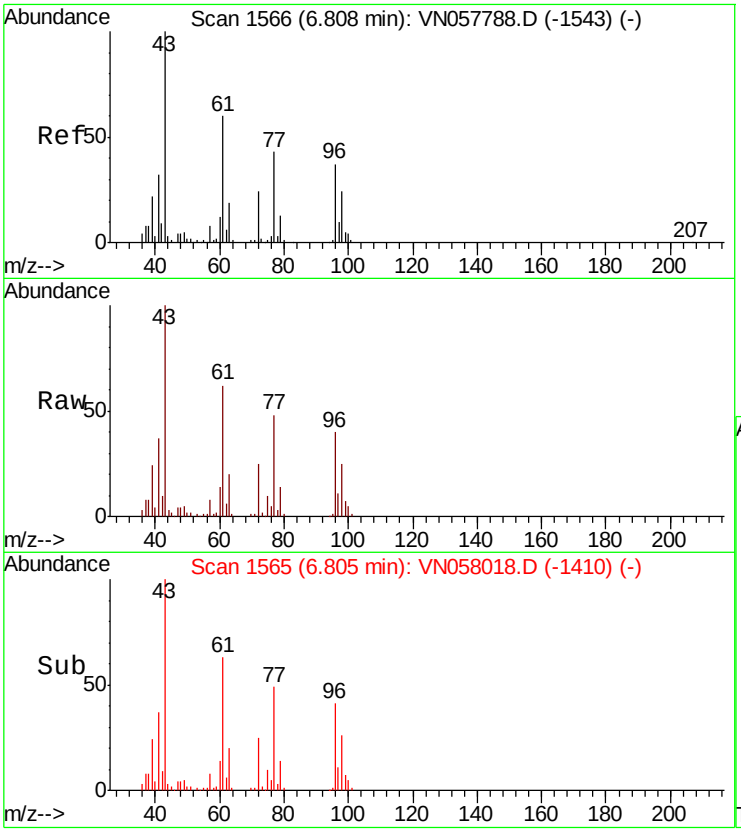




#30
2-Butanone
Concen: 95.680 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 43 Resp: 307034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 8.3 | 6.4 | 9.6 |
| 72 | 25.4 | 20.3 | 30.5 |



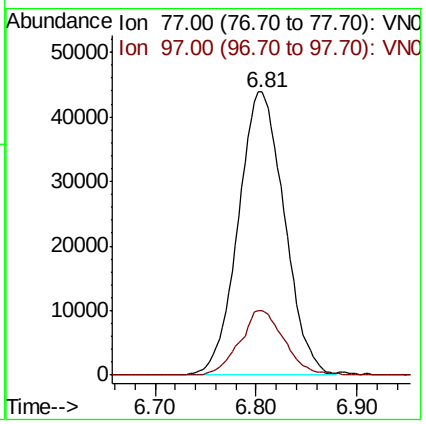


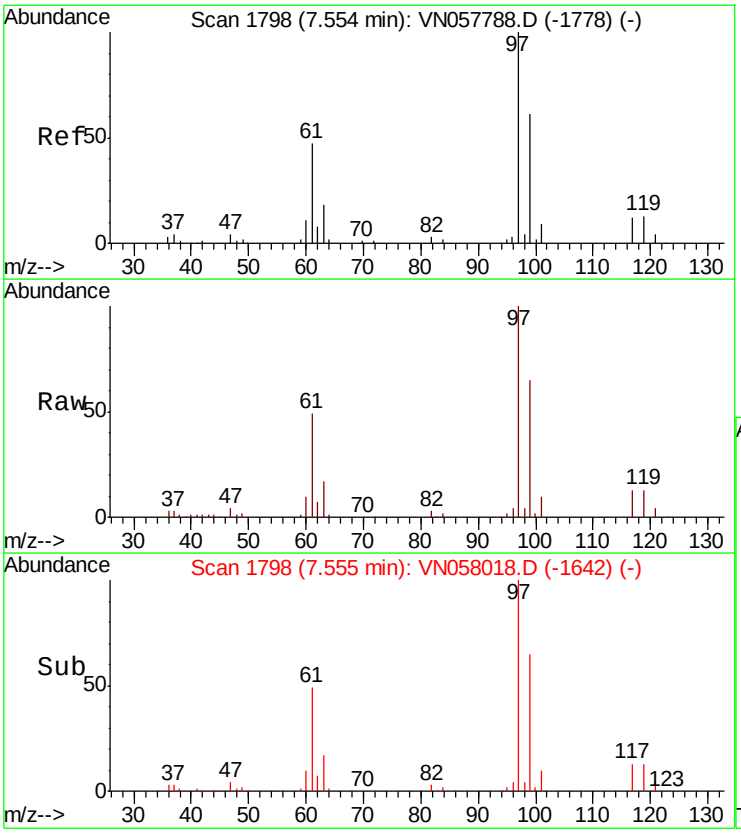

#31
2,2-Dichloropropane
Concen: 18.528 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion: 77 Resp: 139221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 21.9 | 17.7 | 26.5 |

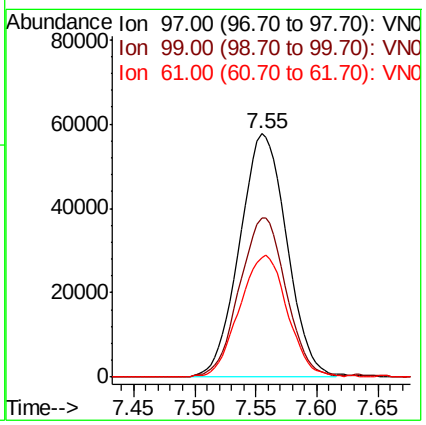


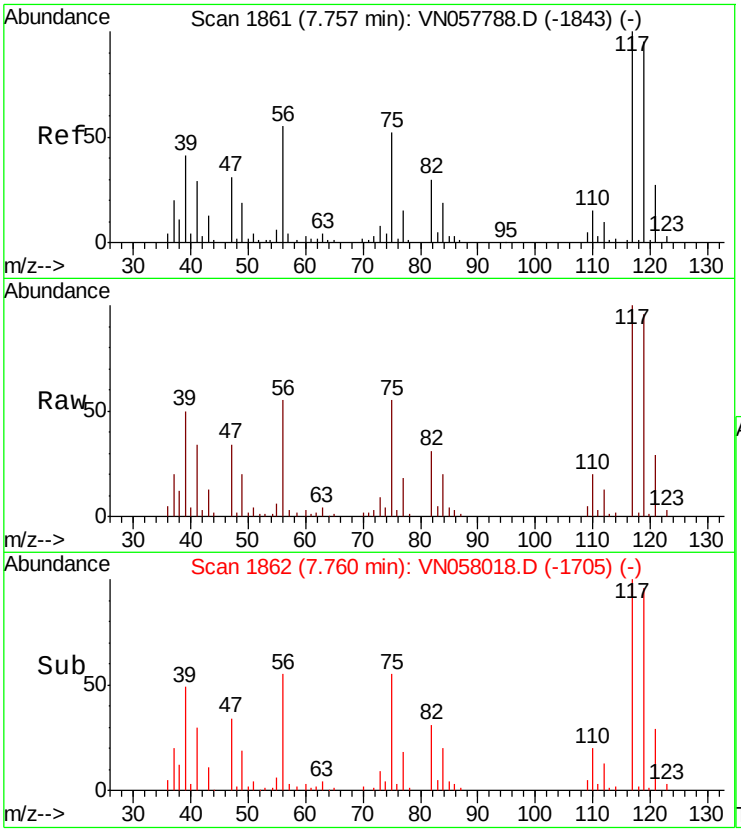




#32
1,1,1-Trichloroethane
Concen: 19.374 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 97 Resp: 155026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.5 | 49.8 | 74.8 |
| 61 | 50.7 | 38.7 | 58.1 |



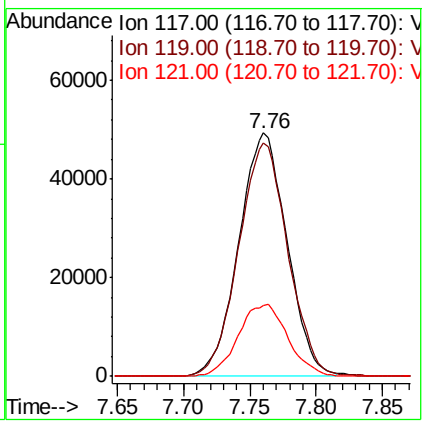


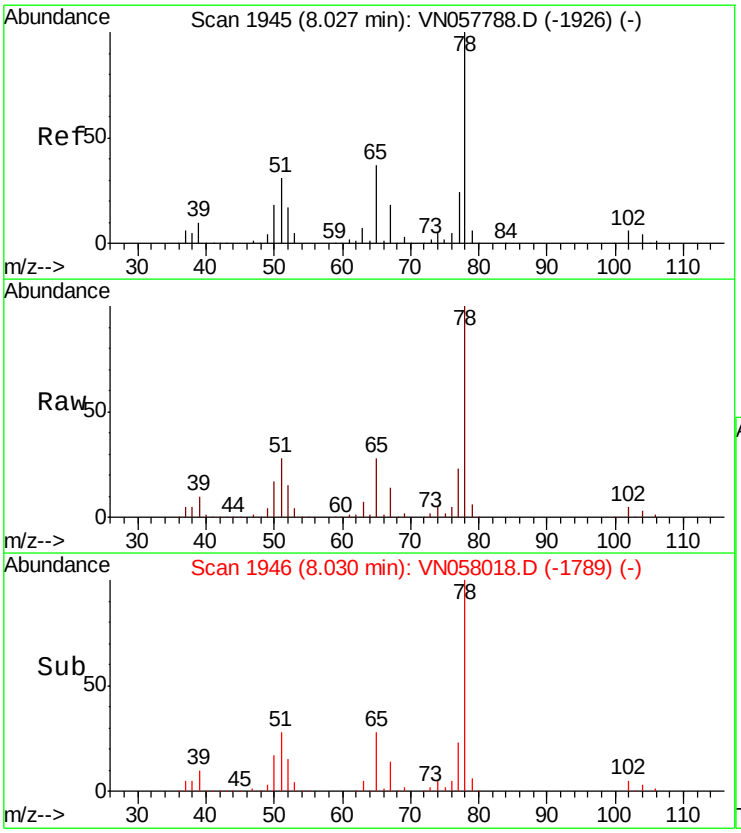

#33
Carbon Tetrachloride
Concen: 19.057 ug/l
RT: 7.76 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion:117 Resp: 124399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.7 | 75.7 | 113.5 |
| 121 | 29.3 | 21.7 | 32.5 |

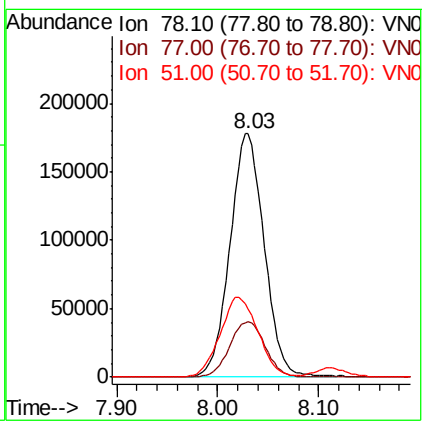


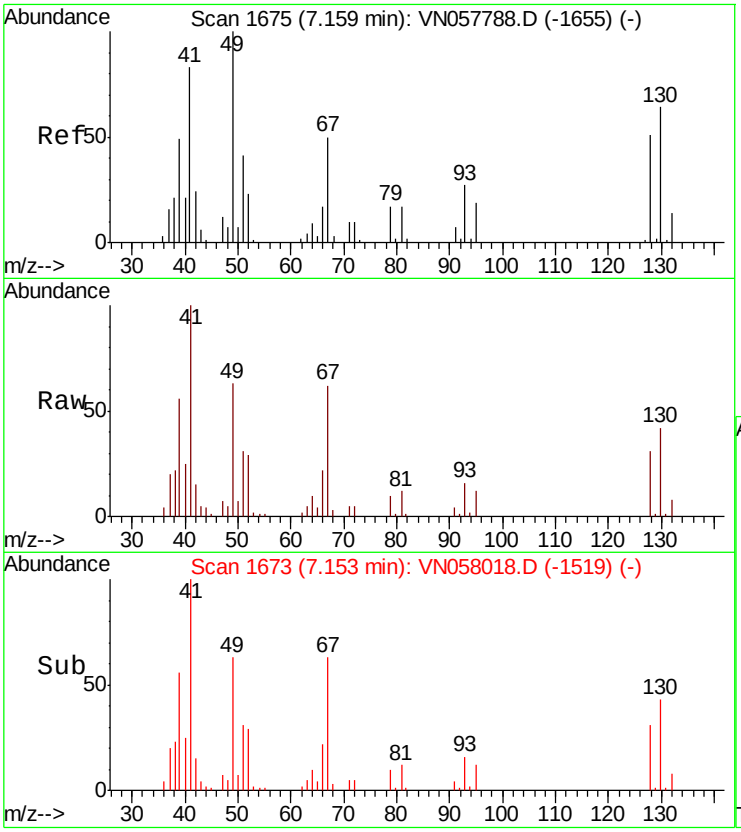




#34
Benzene
Concen: 19.915 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 78 Resp: 419963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.6 | 19.2 | 28.8 |
| 51 | 27.8 | 24.9 | 37.3 |



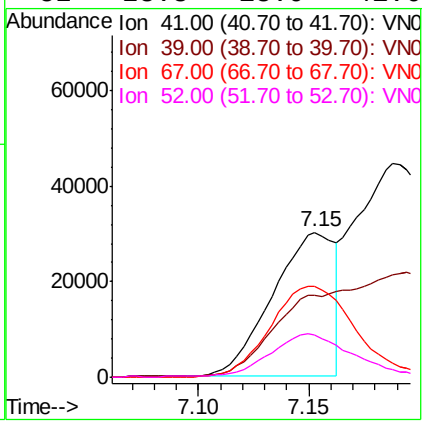


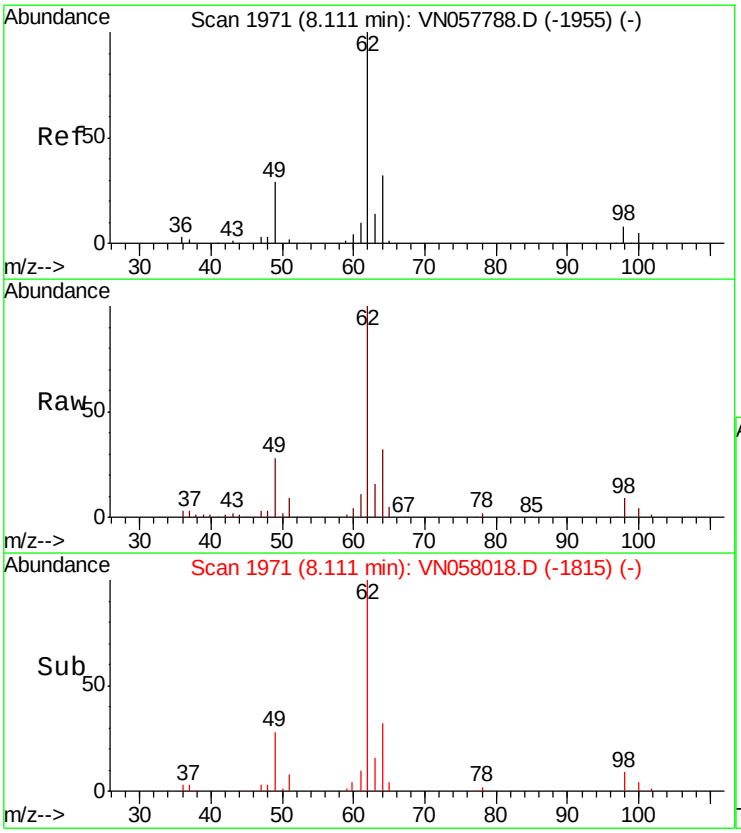

#35
Methacrylonitrile
Concen: 19.761 ug/l
RT: 7.15 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion: 41 Resp: 58817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 56.4 | 29.8 | 89.5 |
| 67 | 63.3 | 30.0 | 90.1 |
| 52 | 28.8 | 13.9 | 41.6 |

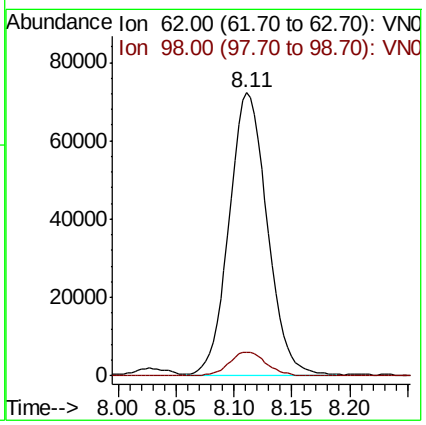


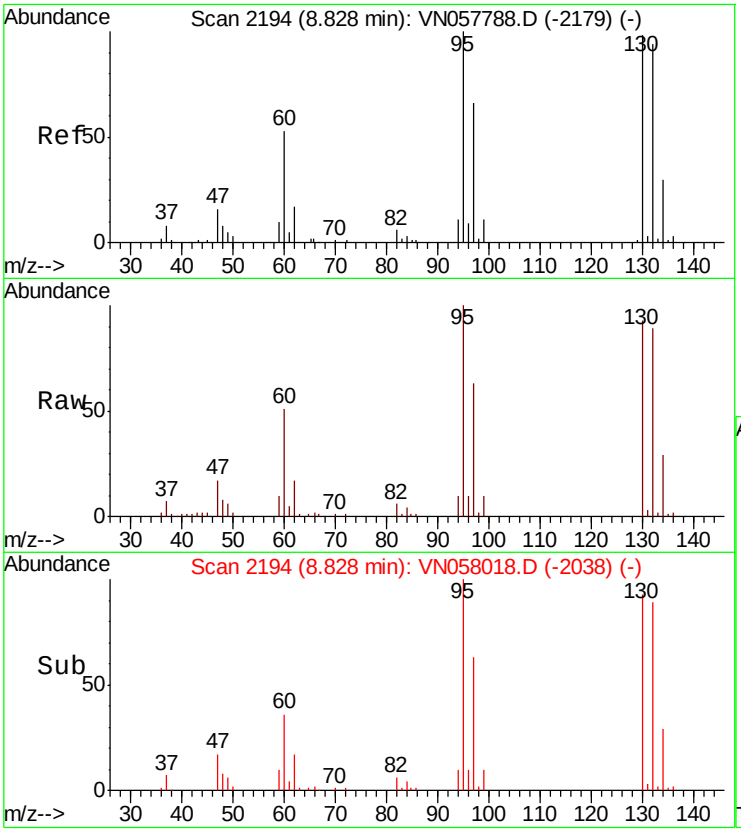




#36
1,2-Dichloroethane
Concen: 20.283 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 62 Resp: 165980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.2 | 6.6 | 9.8 |



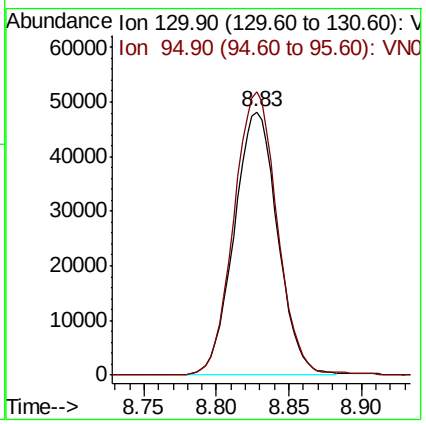


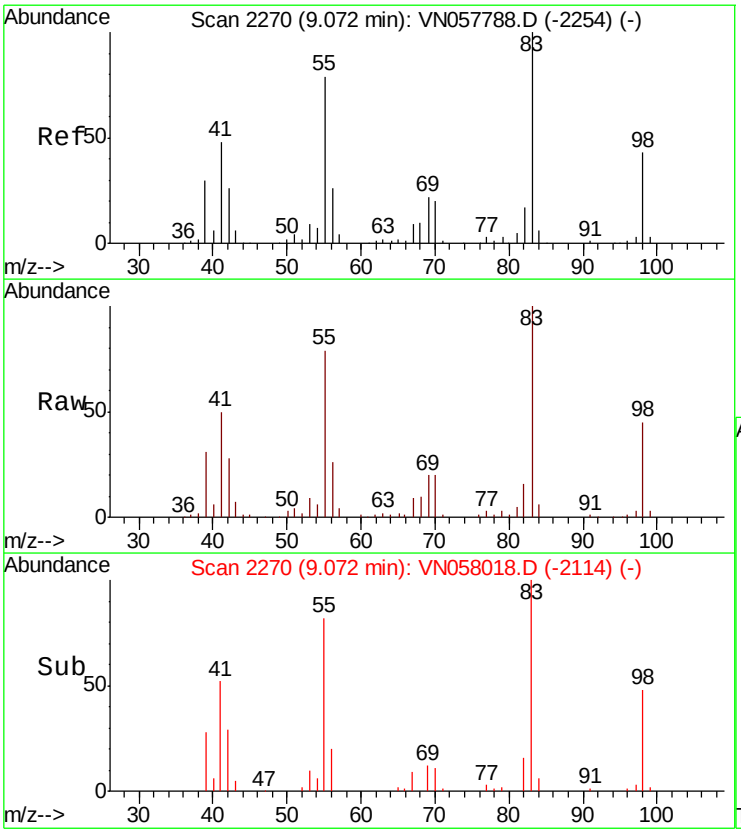

#37
Trichloroethene
Concen: 19.641 ug/l
RT: 8.83 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion:130 Resp: 100596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 107.6 | 81.9 | 122.9 |

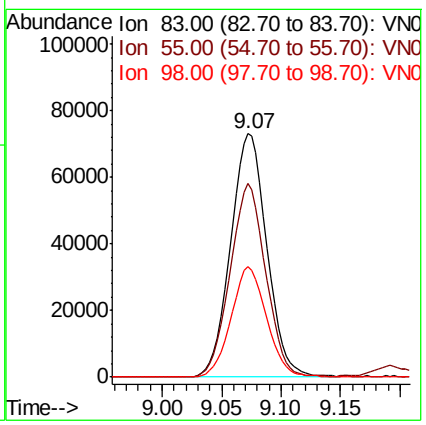


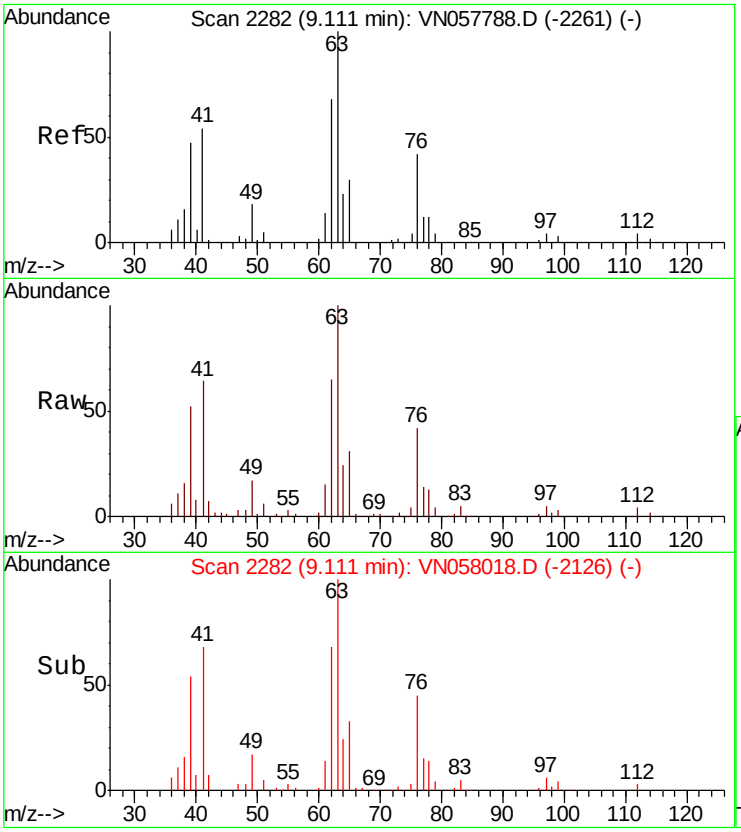




#38
Methylcyclohexane
Concen: 19.028 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 83 Resp: 154202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 78.0 | 39.6 | 118.7 |
| 98 | 44.4 | 21.8 | 65.4 |



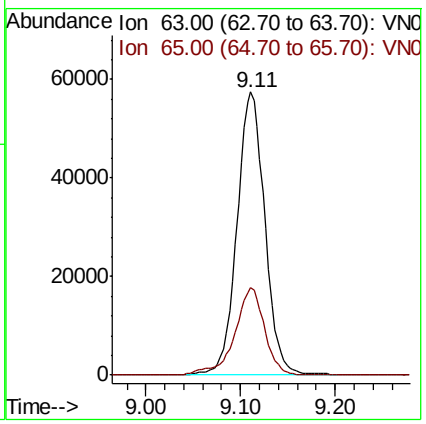


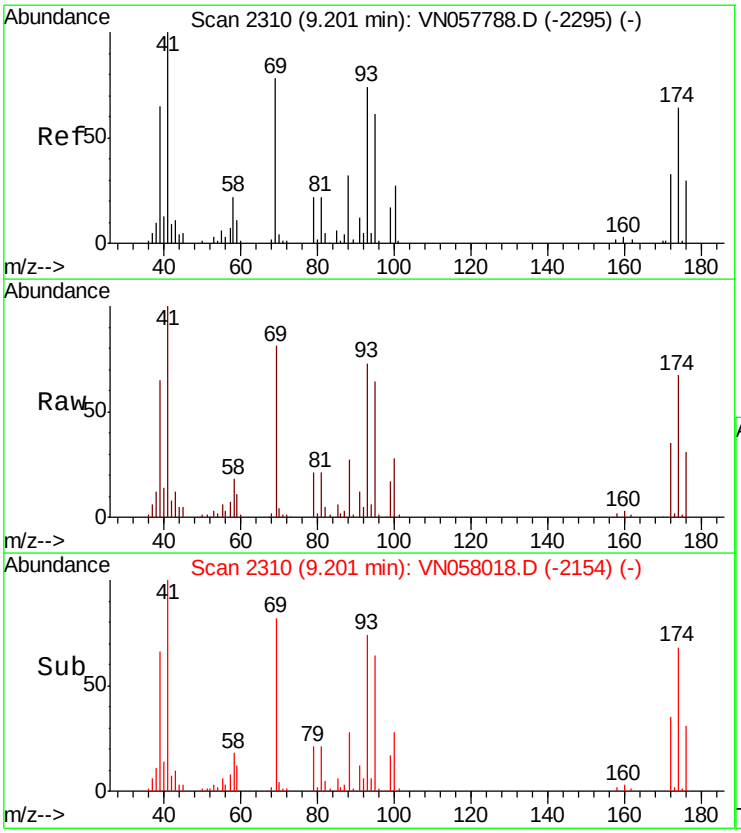

#39
1,2-Dichloropropane
Concen: 19.838 ug/l
RT: 9.11 min Scan# 2282
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDCCC020EC

Tgt Ion: 63 Resp: 117482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.9 | 23.6 | 35.4 |

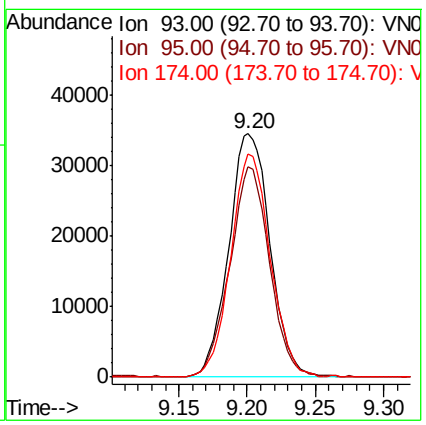


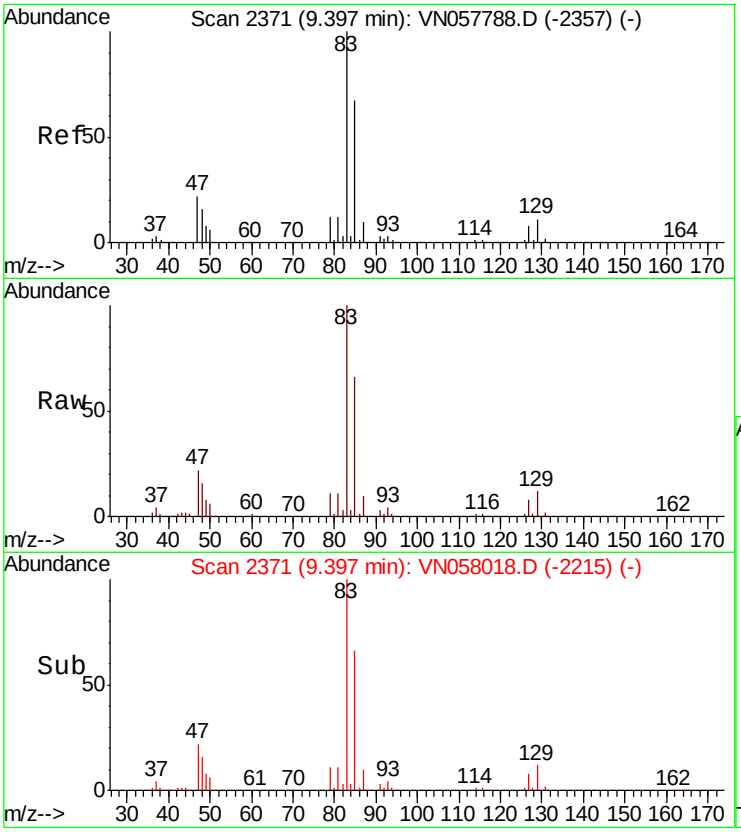




#40
Dibromomethane
Concen: 20.142 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 93 Resp: 72552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.1 | 0.0 | 163.0 |
| 174 | 87.8 | 0.0 | 171.4 |



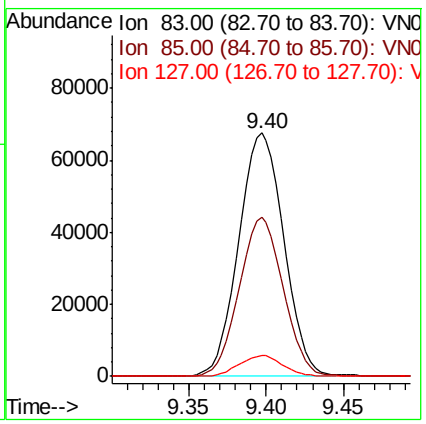


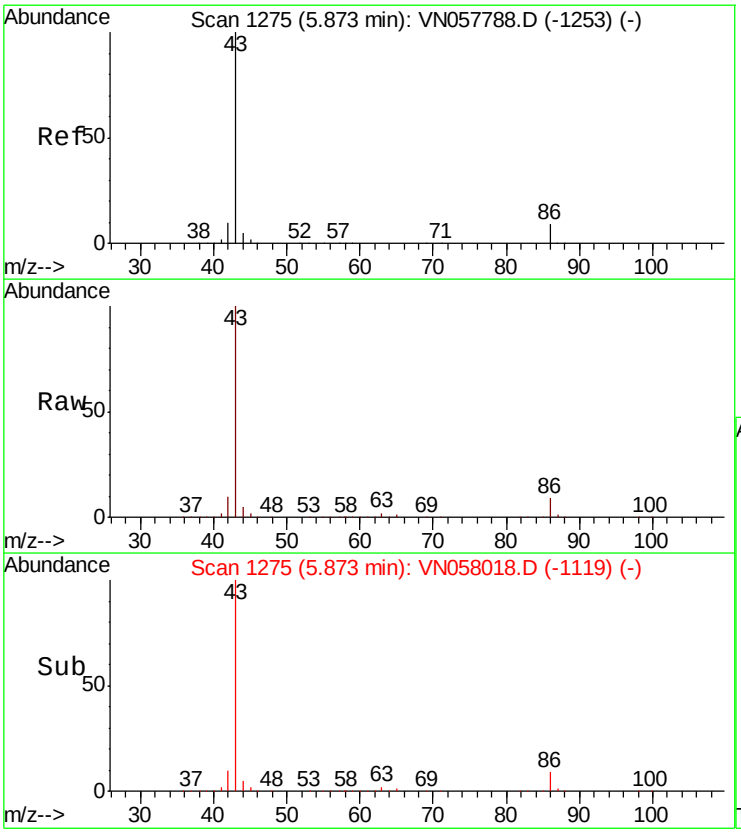

#41
Bromodichloromethane
Concen: 18.882 ug/l
RT: 9.40 min Scan# 2371
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion: 83 Resp: 137114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.5 | 53.4 | 80.0 |
| 127 | 8.5 | 6.6 | 10.0 |

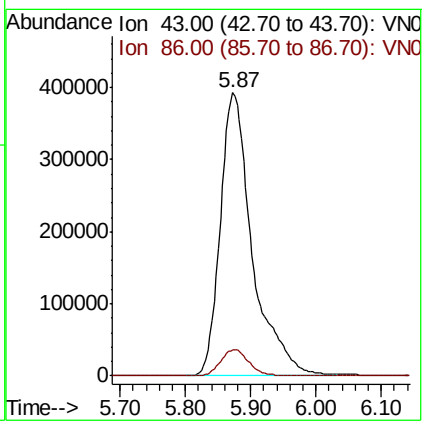


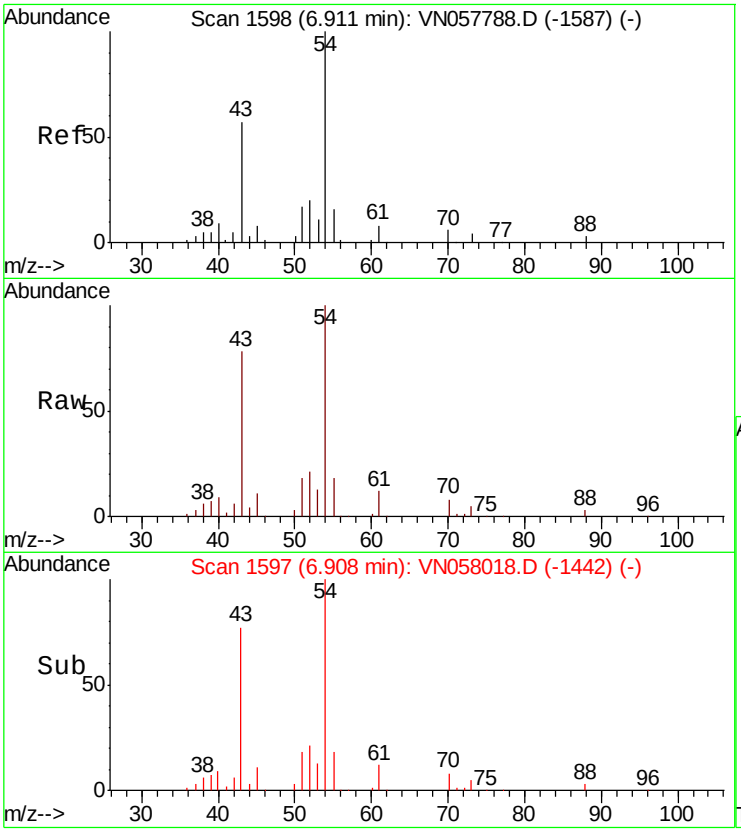




#42
Vinyl Acetate
Concen: 103.931 ug/l
RT: 5.87 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 43 Resp: 1340415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 8.2 | 6.3 | 9.5 |



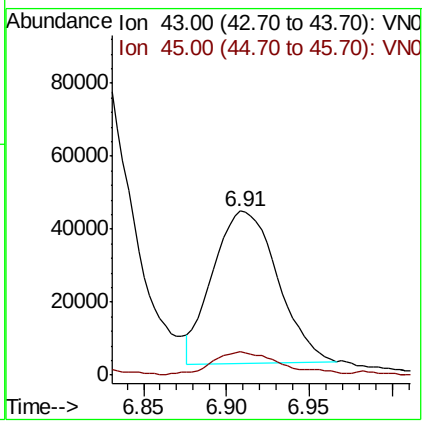


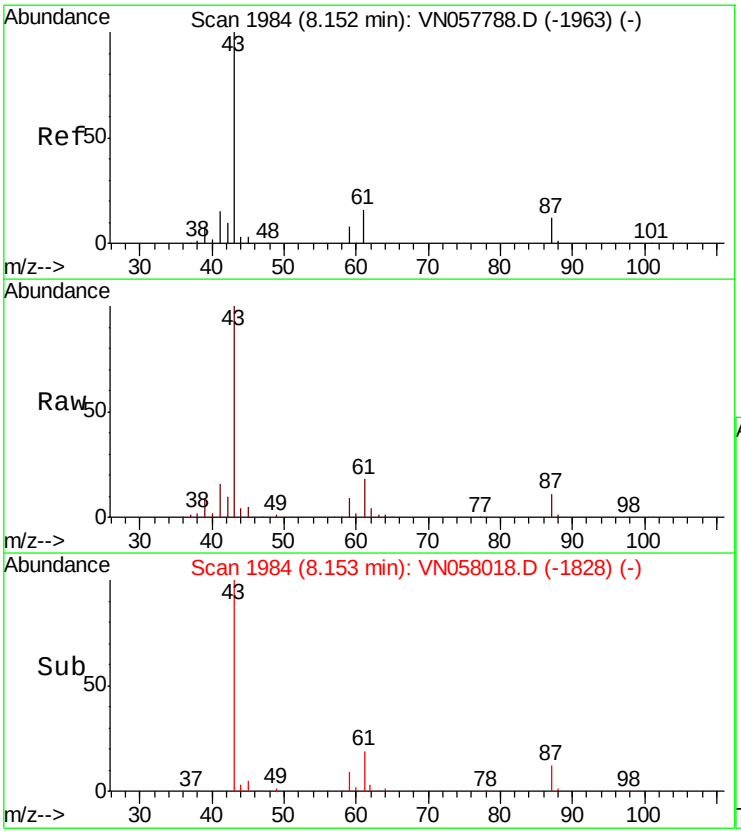

#43
Ethyl Acetate
Concen: 17.292 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion: 43 Resp: 113215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 14.0 | 5.4 | 8.0# |

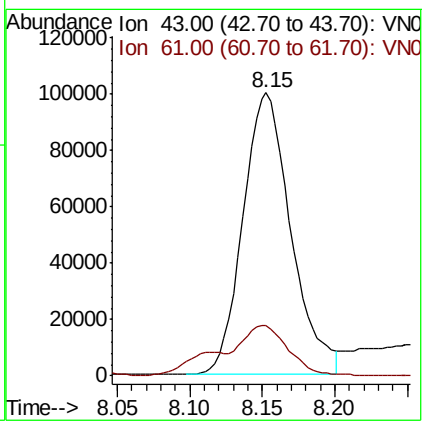


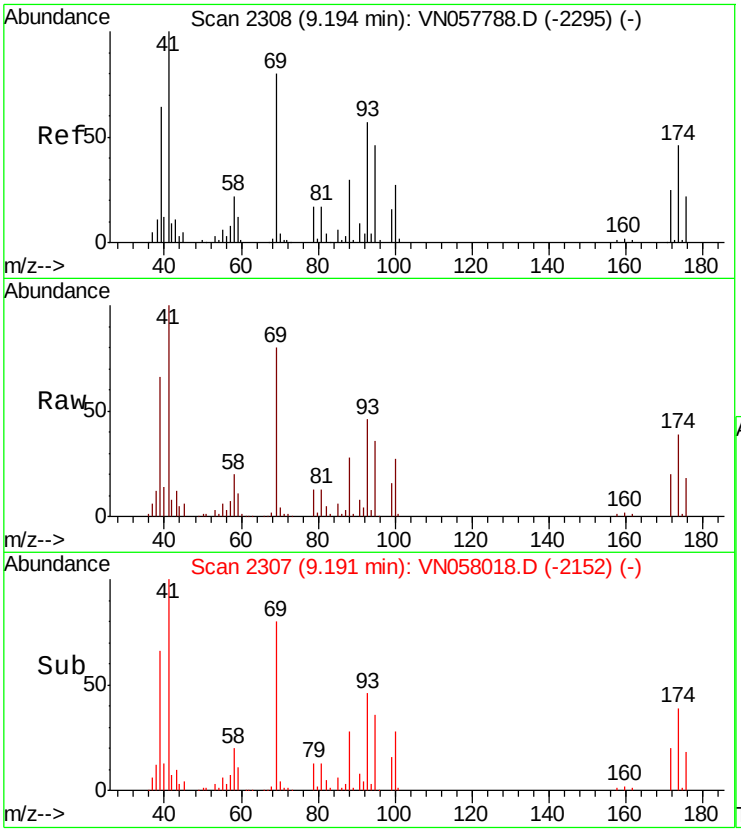




#44
Isopropyl Acetate
Concen: 20.224 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 43 Resp: 230858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 17.0 | 0.1 | 0.1# |



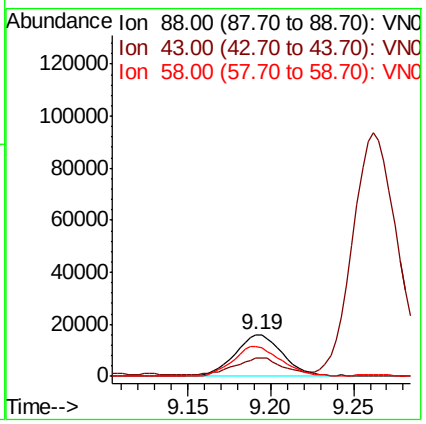


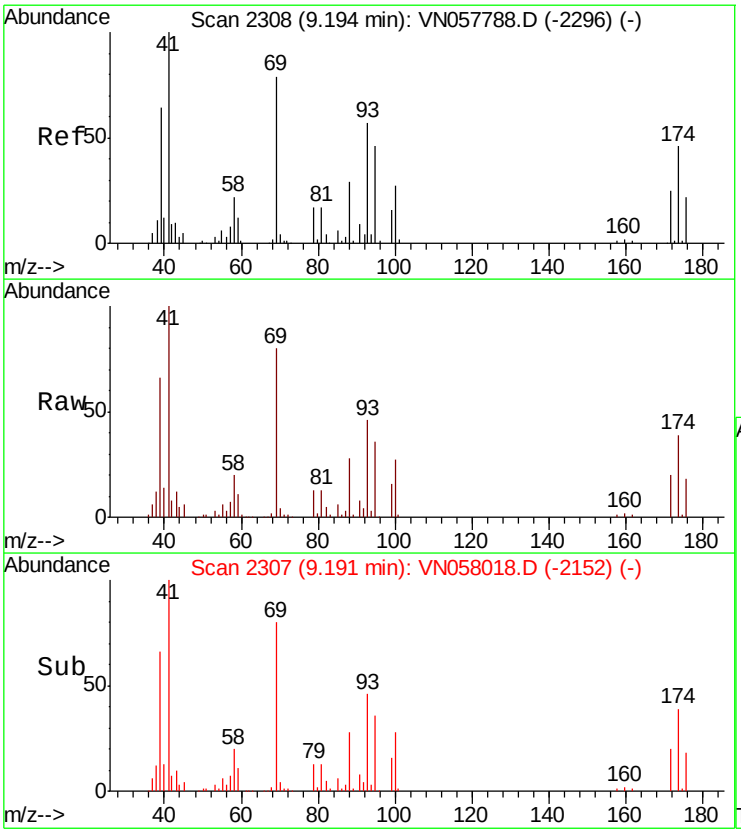

#45
1,4-Dioxane
Concen: 357.928 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion: 88 Resp: 32106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 39.2 | 28.2 | 42.4 |
| 58 | 72.6 | 58.5 | 87.7 |

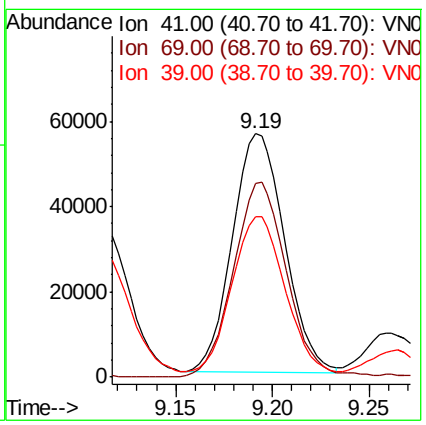


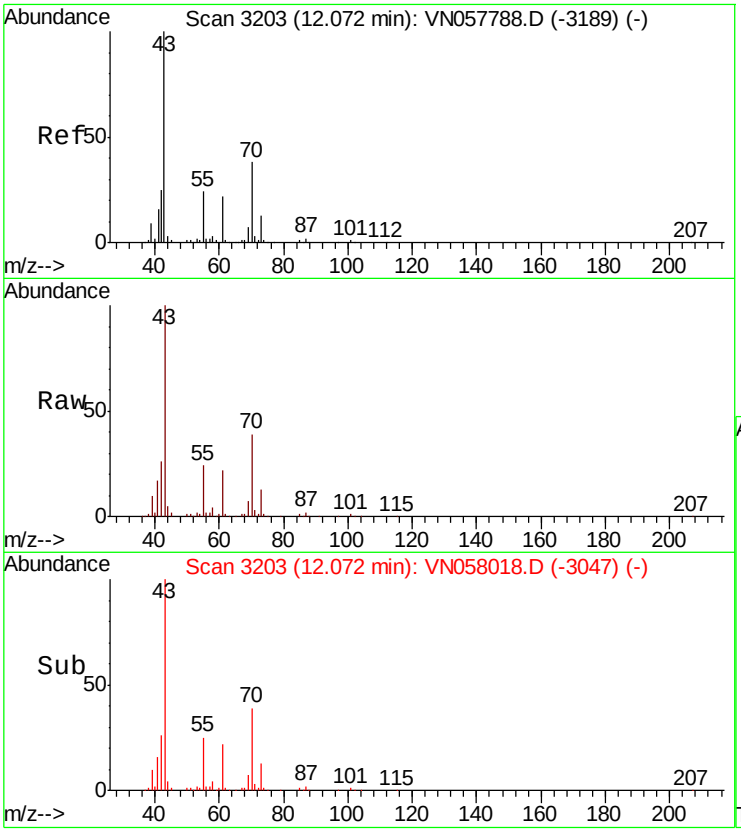




#46
Methyl methacrylate
Concen: 18.885 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 41 Resp: 105306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 80.8 | 39.6 | 119.0 |
| 39 | 65.4 | 31.9 | 95.7 |



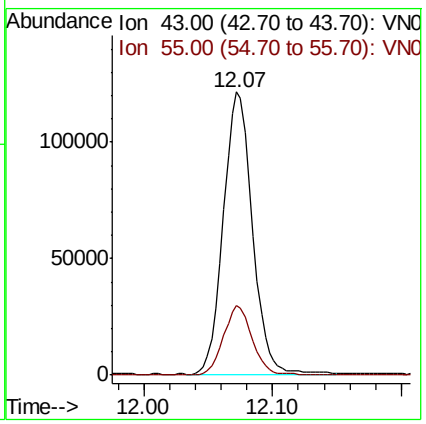


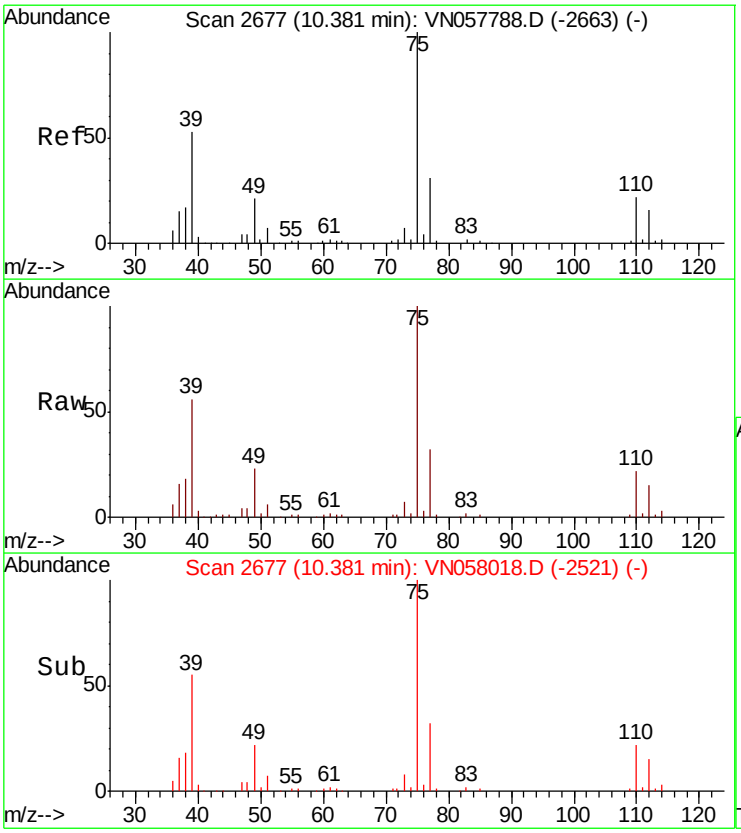

#47
n-amyl Acetate
Concen: 18.077 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDCCC020EC

Tgt Ion: 43 Resp: 189555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 55 | 24.0 | 18.3 | 27.5 |

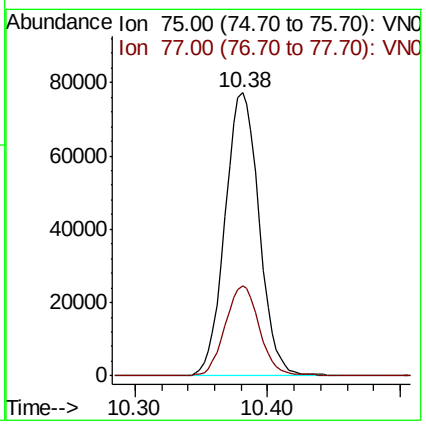


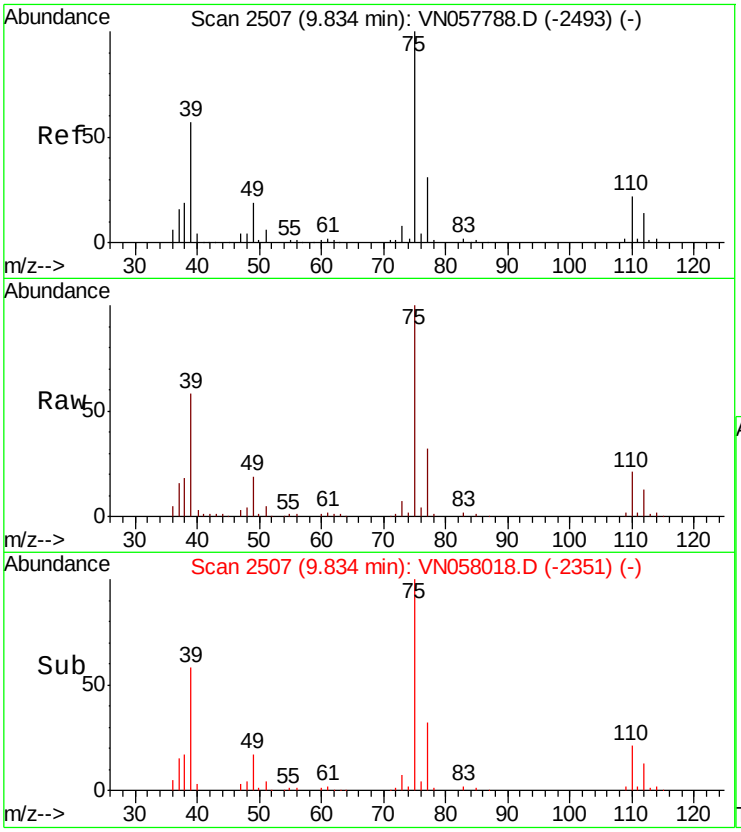




#48
t-1,3-Dichloropropene
Concen: 17.874 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 75 Resp: 138185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.0 | 24.9 | 37.3 |



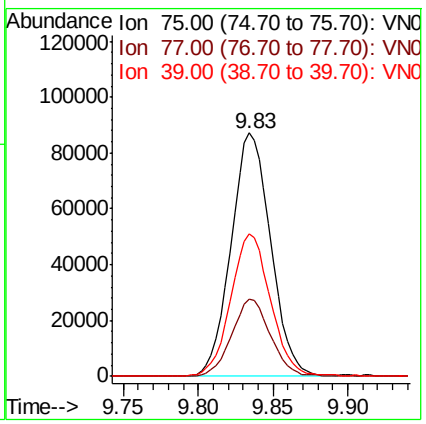


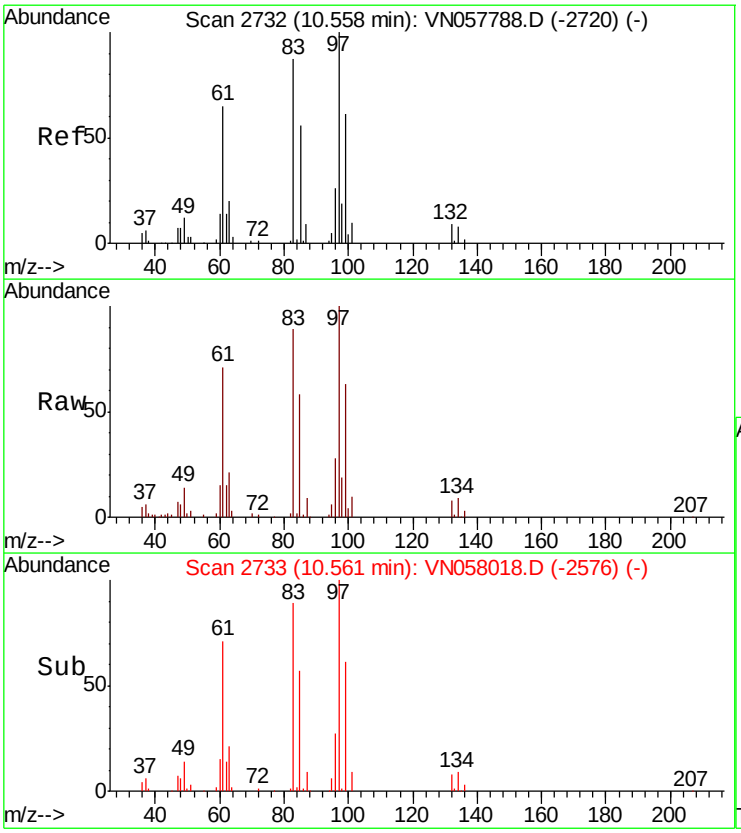

#49
cis-1,3-Dichloropropene
Concen: 18.559 ug/l
RT: 9.83 min Scan# 2507
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion: 75 Resp: 160978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.9 | 24.6 | 36.8 |
| 39 | 58.0 | 45.8 | 68.8 |

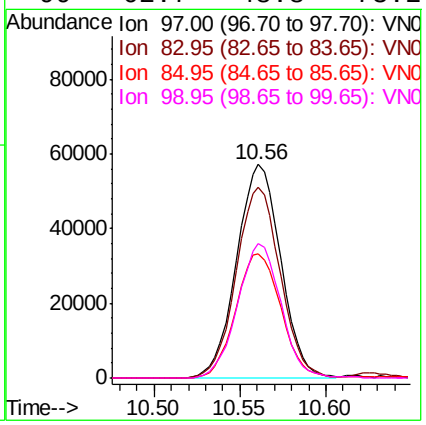


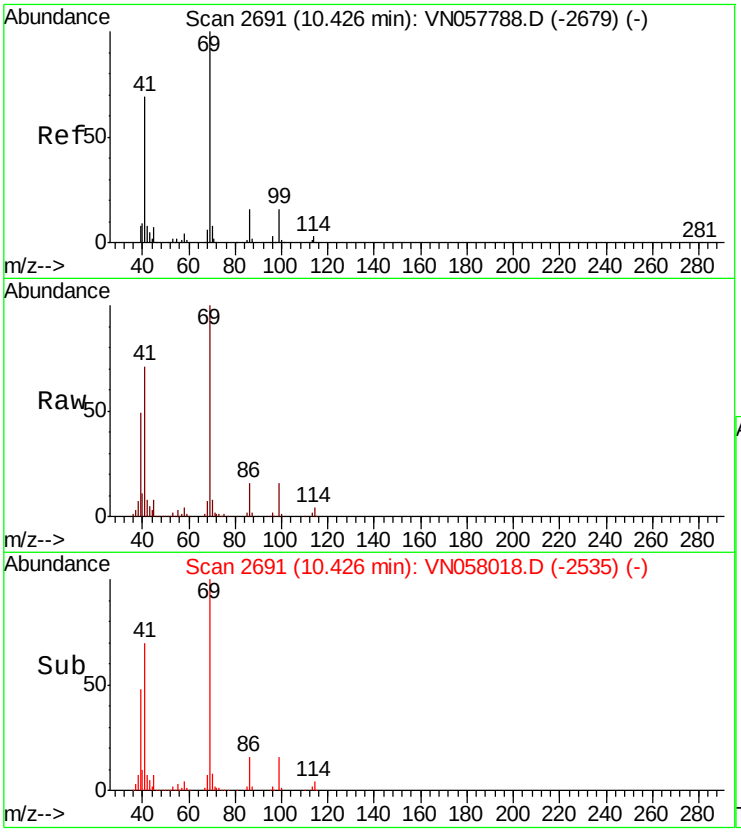




#50
1,1,2-Trichloroethane
Concen: 19.548 ug/l
RT: 10.56 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 97 Resp: 102131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 89.1 | 69.4 | 104.2 |
| 85 | 58.2 | 45.0 | 67.6 |
| 99 | 62.7 | 48.8 | 73.2 |



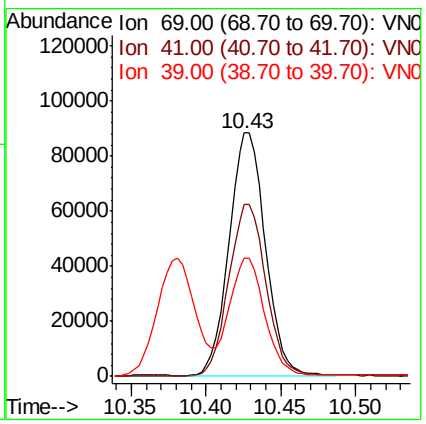


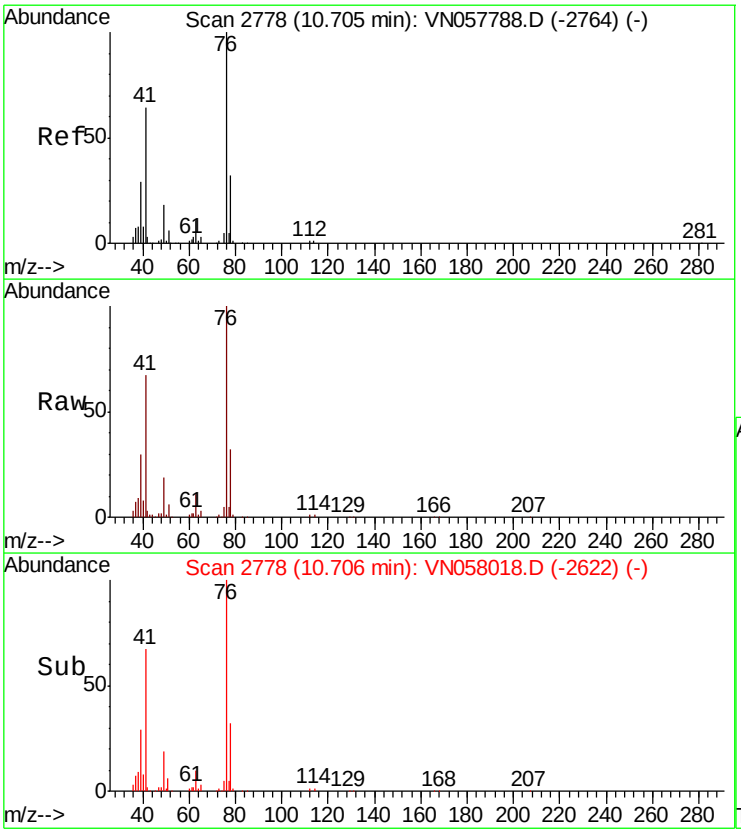

#51
Ethyl methacrylate
Concen: 18.574 ug/l
RT: 10.43 min Scan# 2691
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDCCC020EC

Tgt Ion: 69 Resp: 150469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 70.1 | 34.5 | 103.5 |
| 39 | 47.9 | 22.4 | 67.3 |

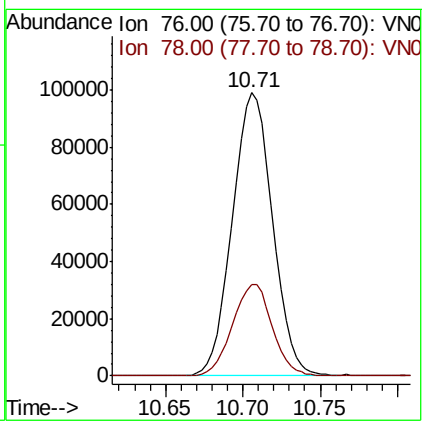


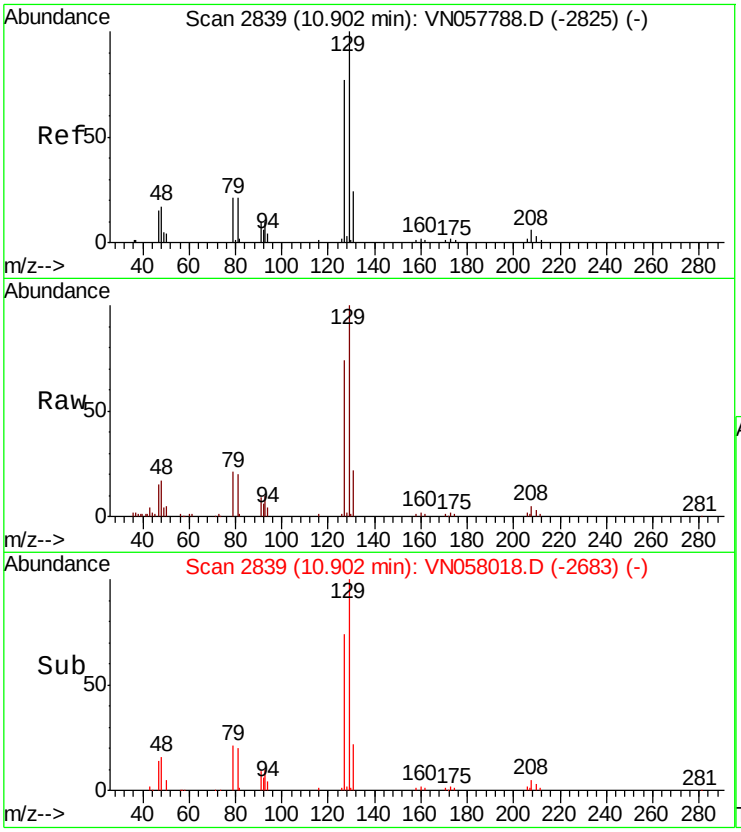




#52
1,3-Dichloropropane
Concen: 19.629 ug/l
RT: 10.71 min Scan# 2778
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 76 Resp: 179351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.2 | 0.0 | 63.8 |



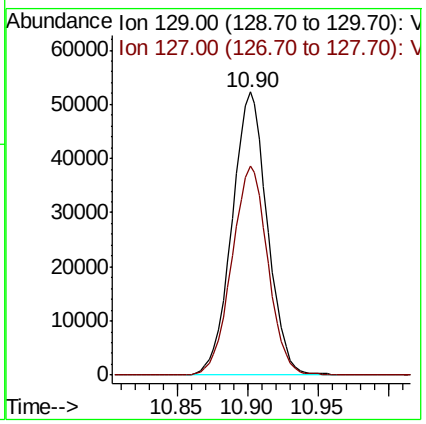


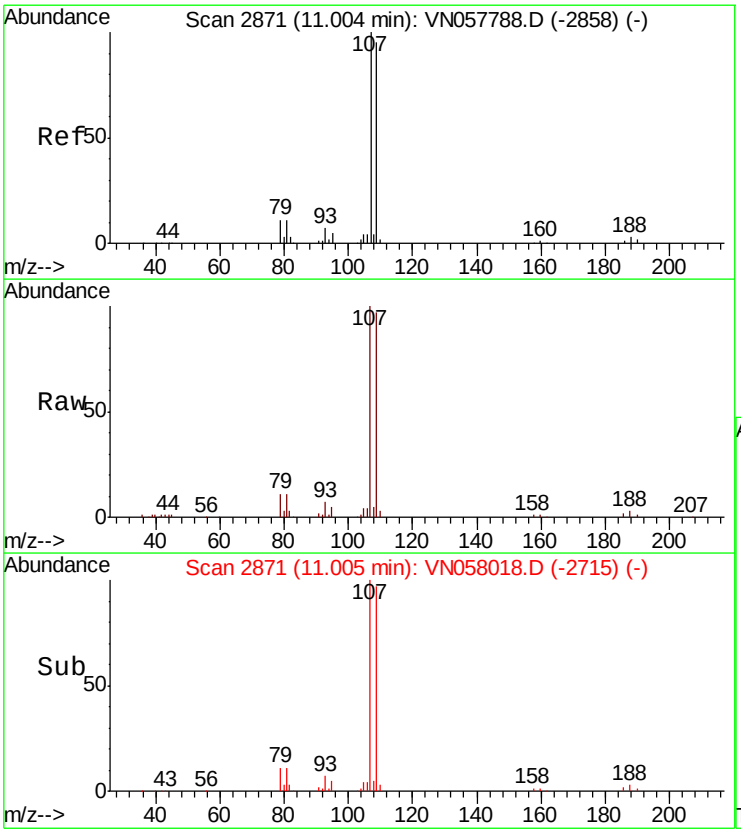

#53
Dibromochloromethane
Concen: 17.790 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDCCC020EC

Tgt Ion:129 Resp: 91792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 74.8 | 38.8 | 116.3 |

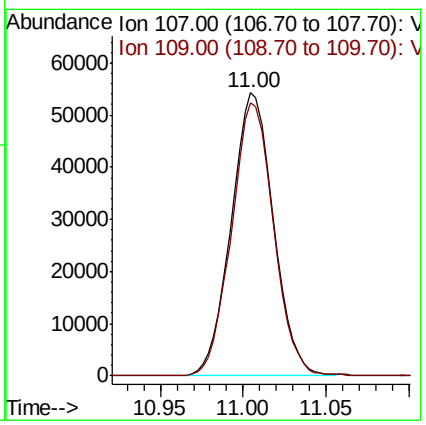


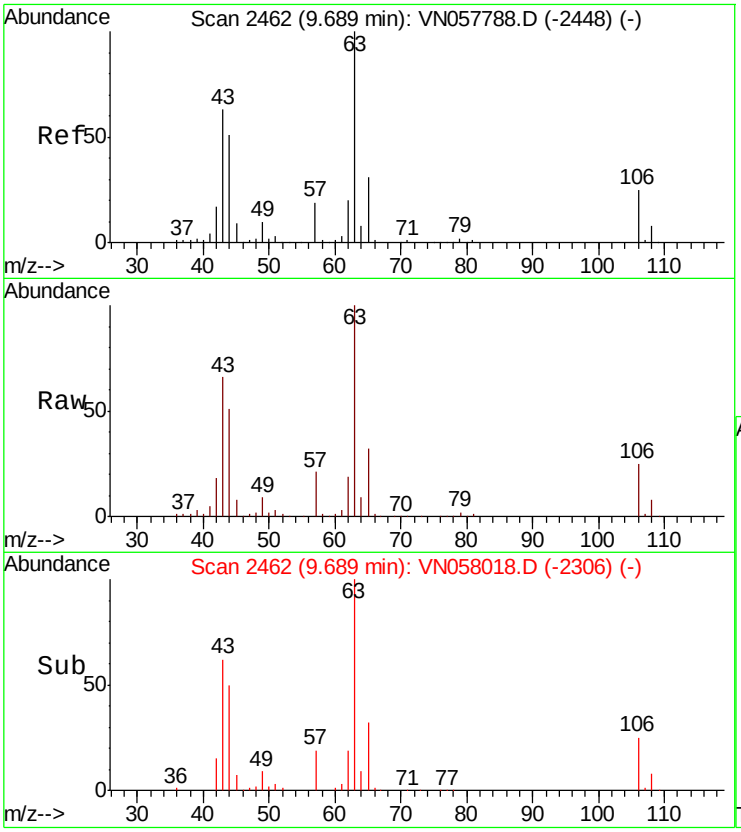




#54
1,2-Dibromoethane
Concen: 18.539 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion:107 Resp: 96372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 96.0 | 75.4 | 113.0 |



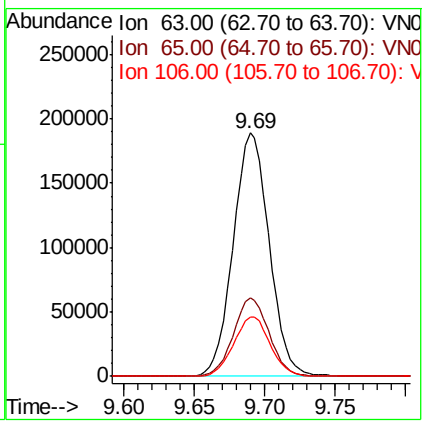


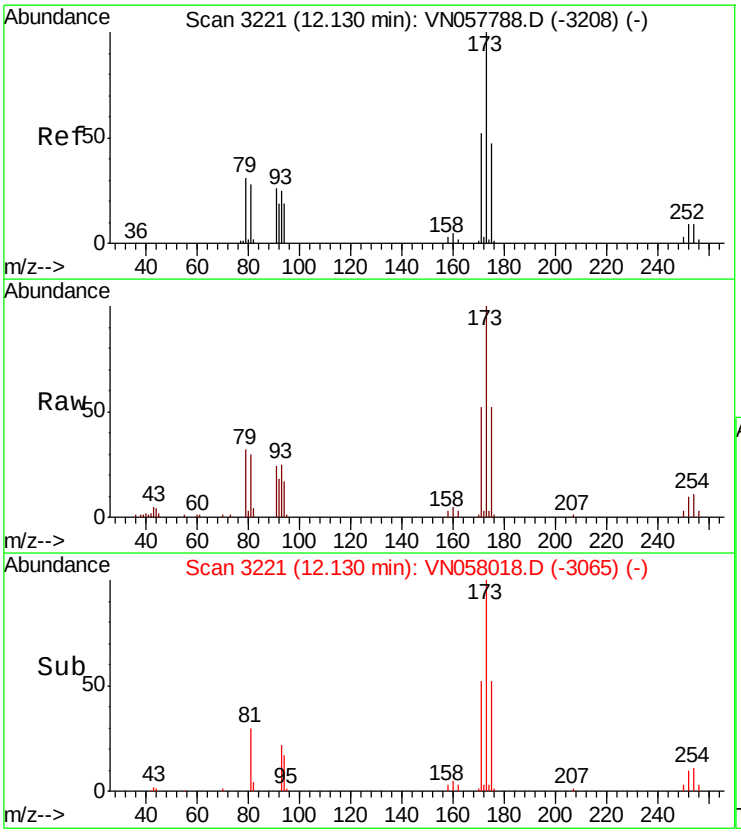

#55
2-Chloroethyl vinyl ether
Concen: 87.899 ug/l
RT: 9.69 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion: 63 Resp: 338363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.9 | 25.0 | 37.6 |
| 106 | 24.8 | 19.8 | 29.8 |

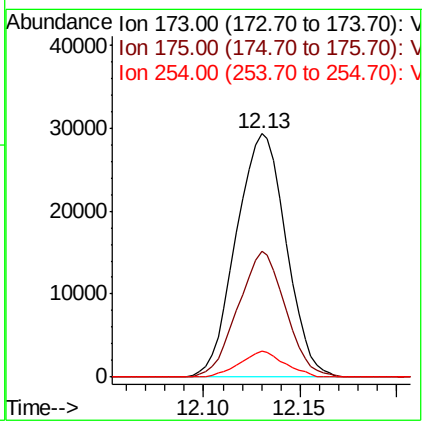


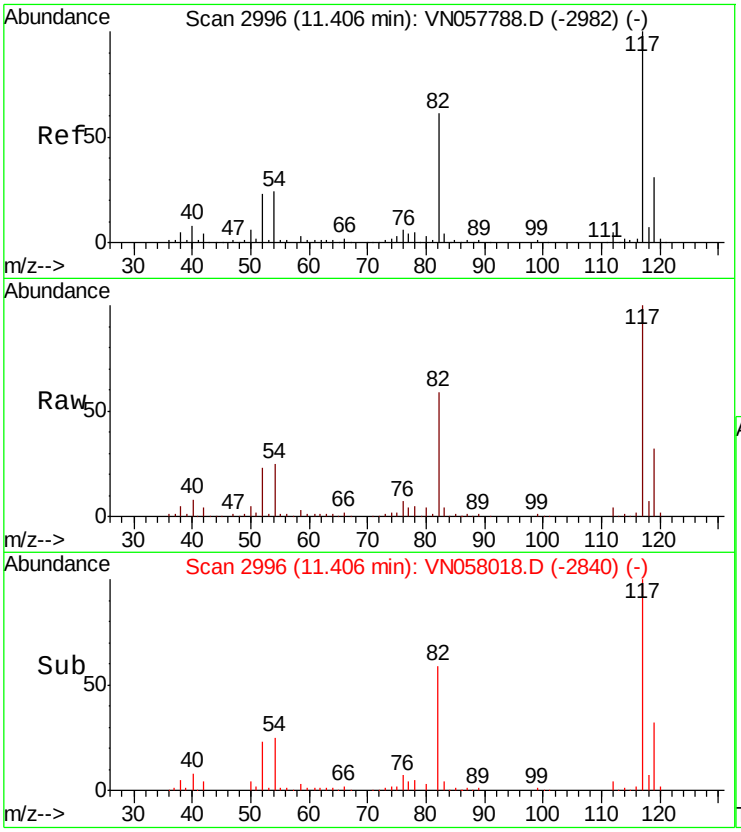




#56
Bromoform
Concen: 16.477 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion:173 Resp: 52668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.2 | 38.4 | 57.6 |
| 254 | 9.5 | 6.9 | 10.3 |



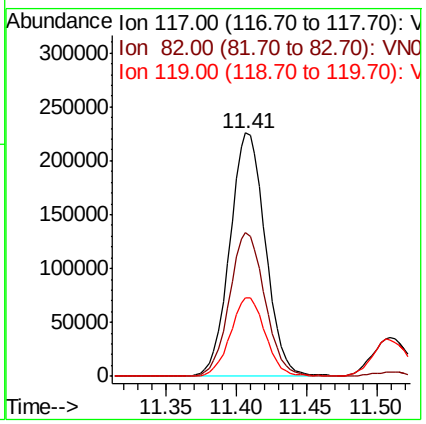


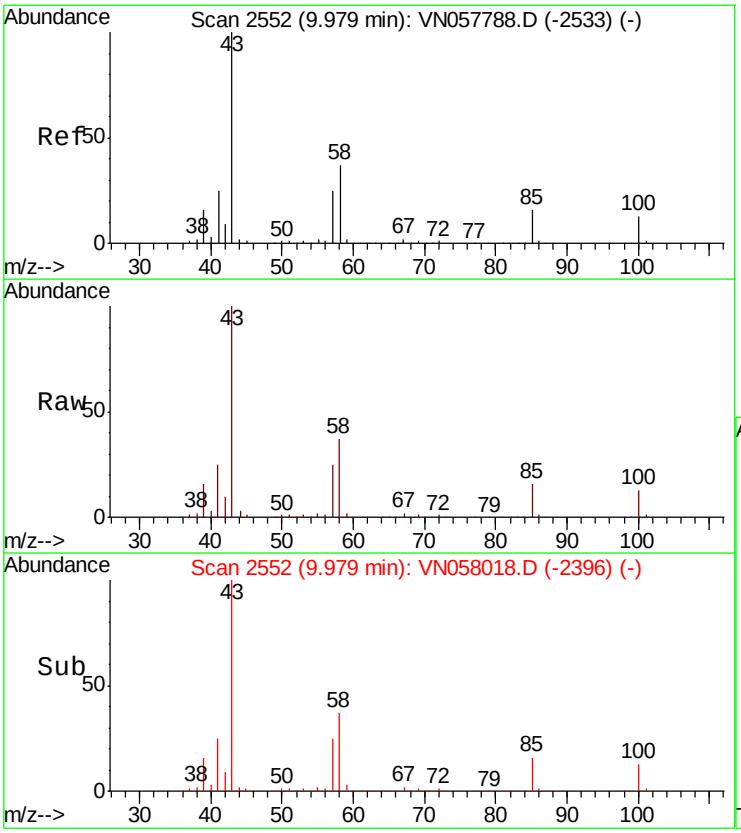

#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion:117 Resp: 397763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 58.7 | 47.6 | 71.4 |
| 119 | 31.8 | 25.4 | 38.2 |

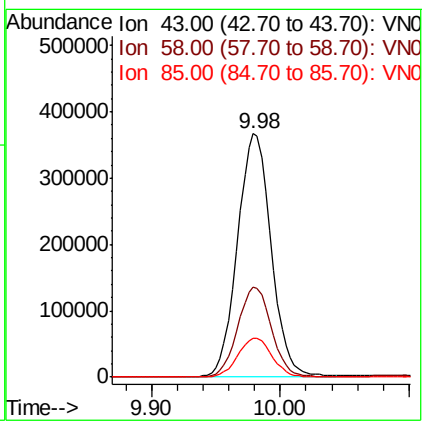


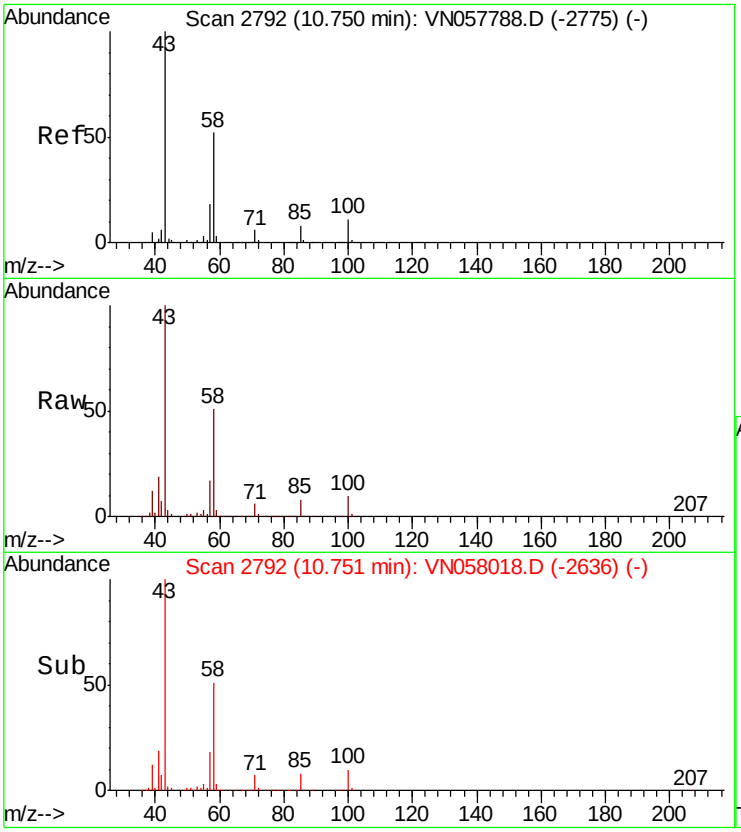




#58
4-Methyl-2-Pentanone
Concen: 108.044 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 43 Resp: 666465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.3 | 29.4 | 44.0 |
| 85 | 16.3 | 12.9 | 19.3 |



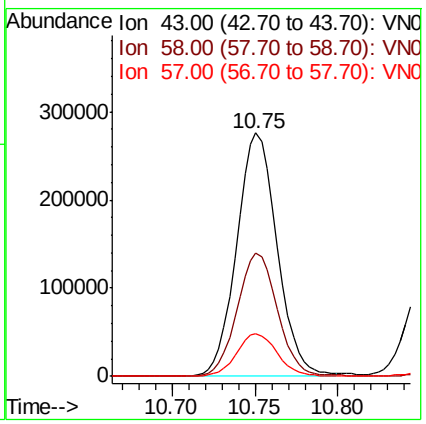


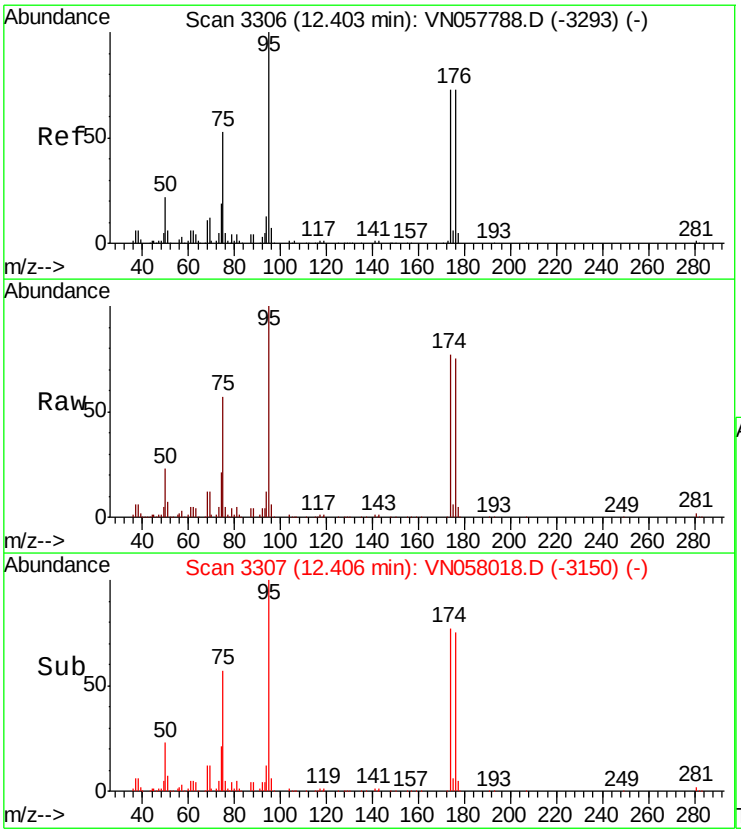

#59
2-Hexanone
Concen: 99.931 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion: 43 Resp: 462572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 51.3 | 40.6 | 61.0 |
| 57 | 17.9 | 14.5 | 21.7 |

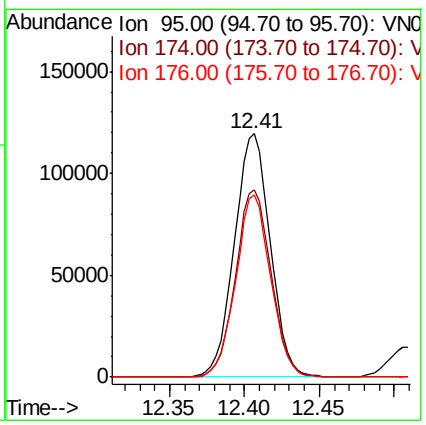


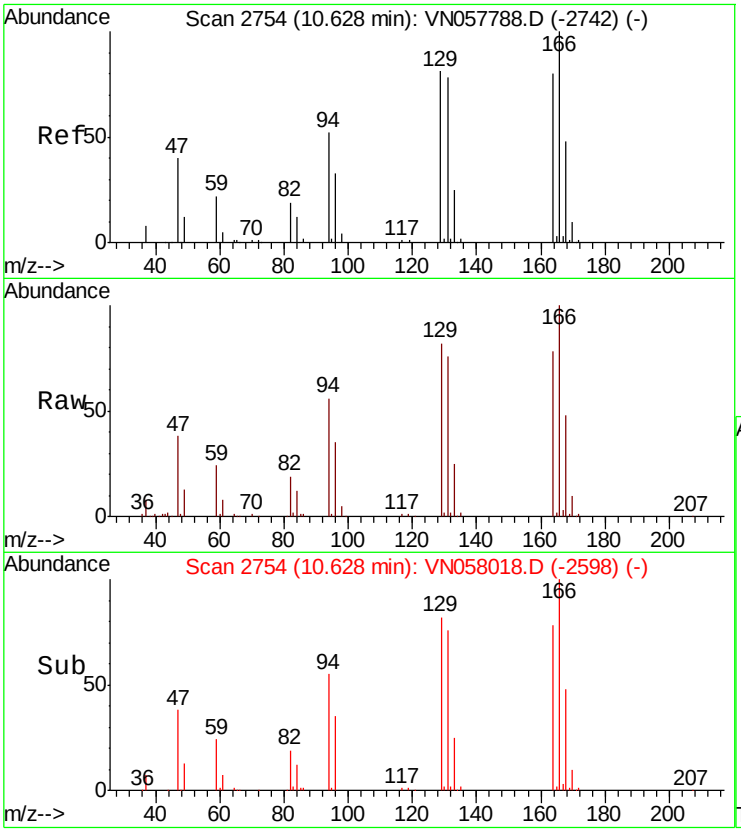




#60
4-Bromofluorobenzene
Concen: 29.304 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 95 Resp: 199459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 76.6 | 59.4 | 89.0 |
| 176 | 73.1 | 57.4 | 86.0 |



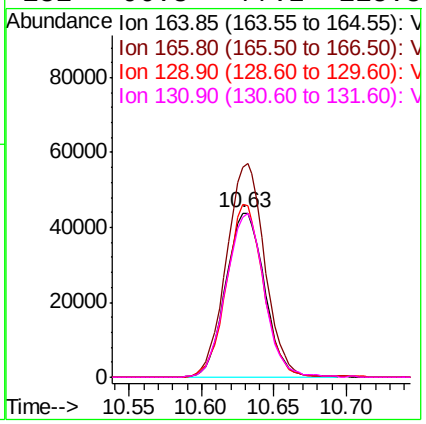


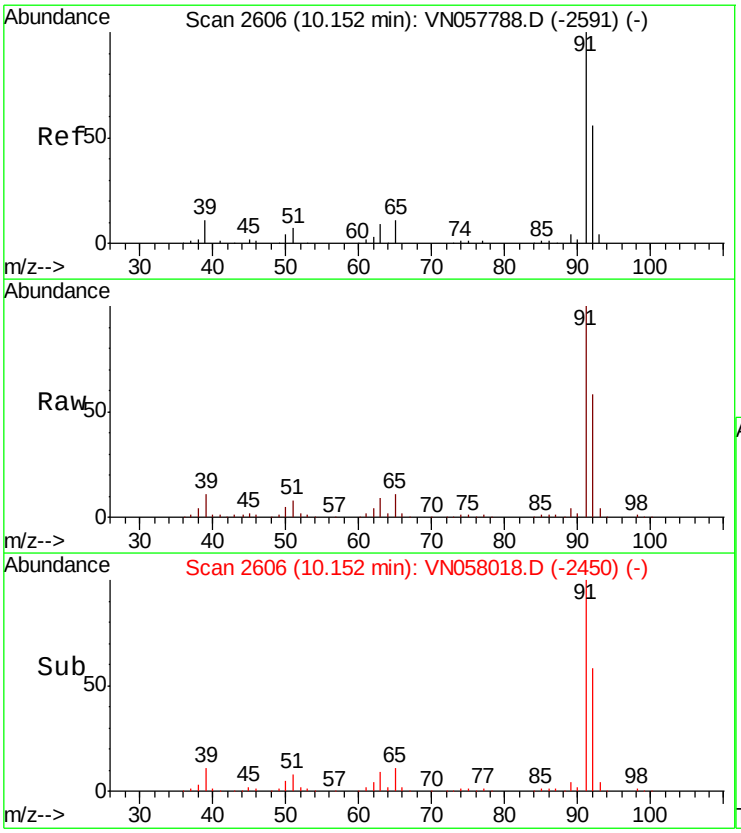

#61
Tetrachloroethene
Concen: 20.103 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDCCC020EC

Tgt Ion:164 Resp: 81299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 127.3 | 99.6 | 149.4 |
| 129 | 105.4 | 80.9 | 121.3 |
| 131 | 96.8 | 77.2 | 115.8 |

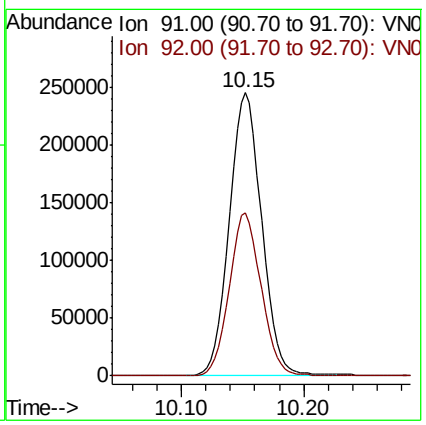


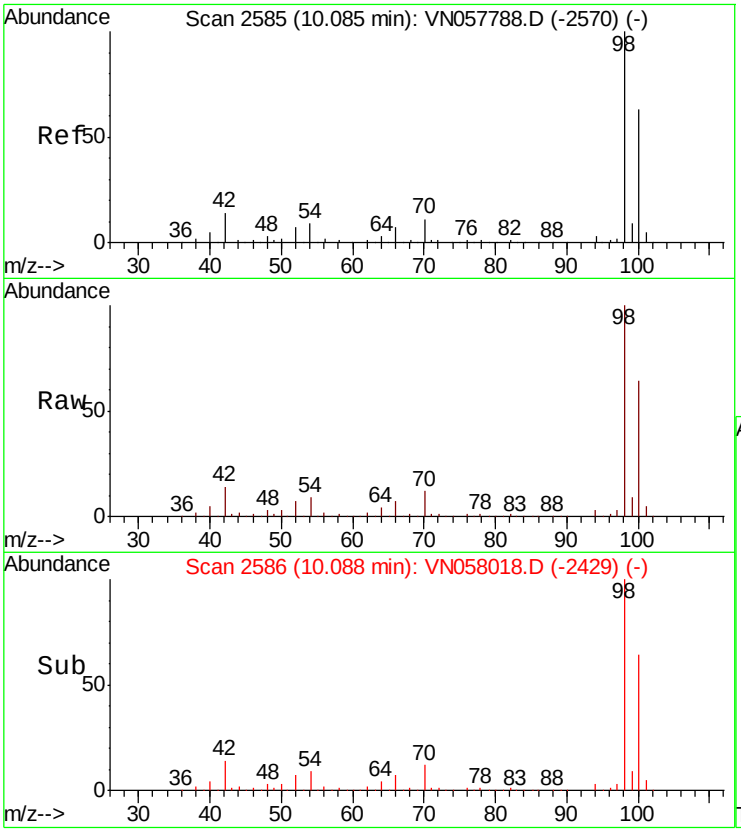




#62
Toluene
Concen: 20.536 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 91 Resp: 452292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 56.9 | 44.9 | 67.3 |



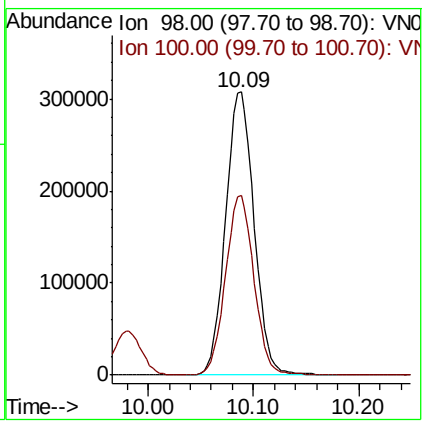


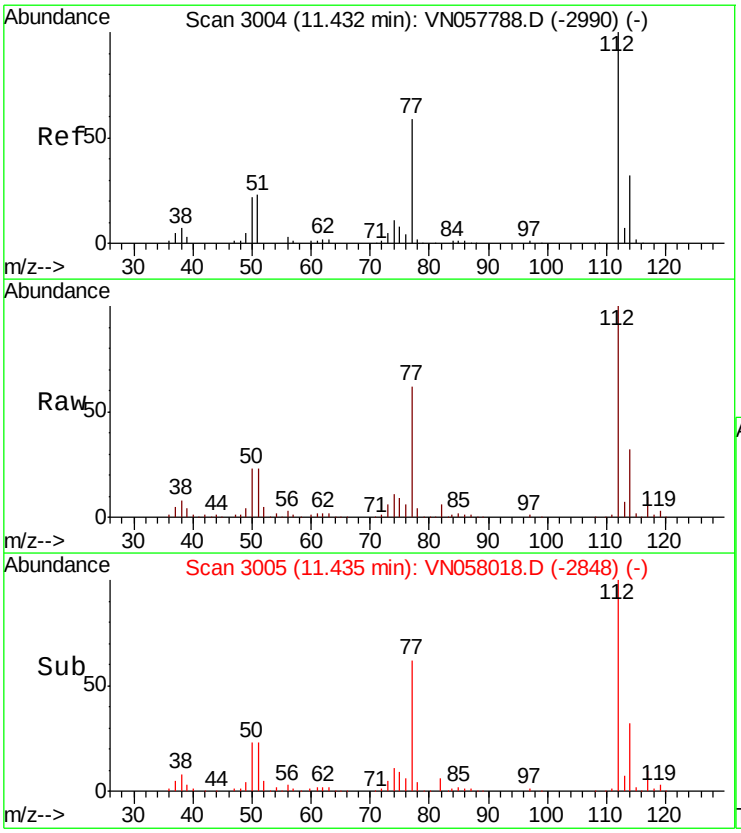

#63
Toluene-d8
Concen: 30.090 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion: 98 Resp: 574479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.6 | 50.3 | 75.5 |

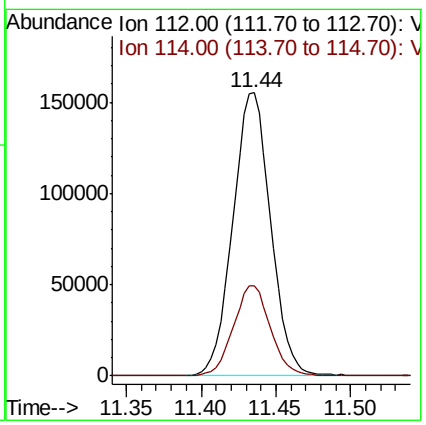


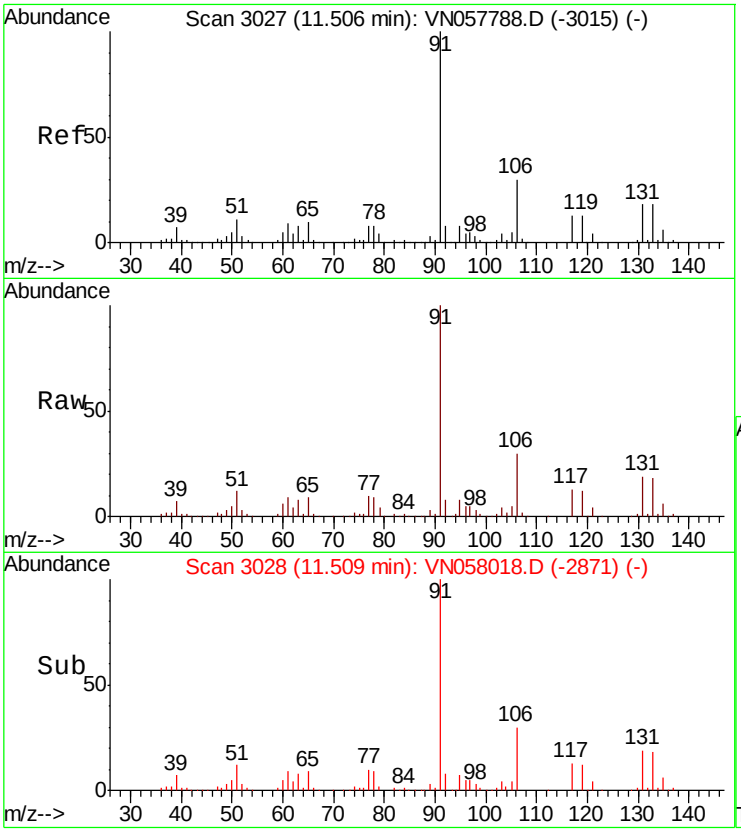




#64
Chlorobenzene
Concen: 20.003 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion:112 Resp: 273300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.0 | 25.4 | 38.0 |



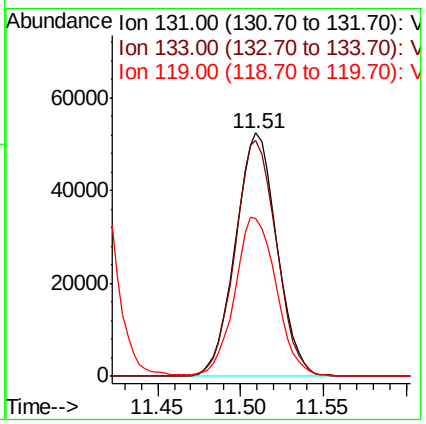


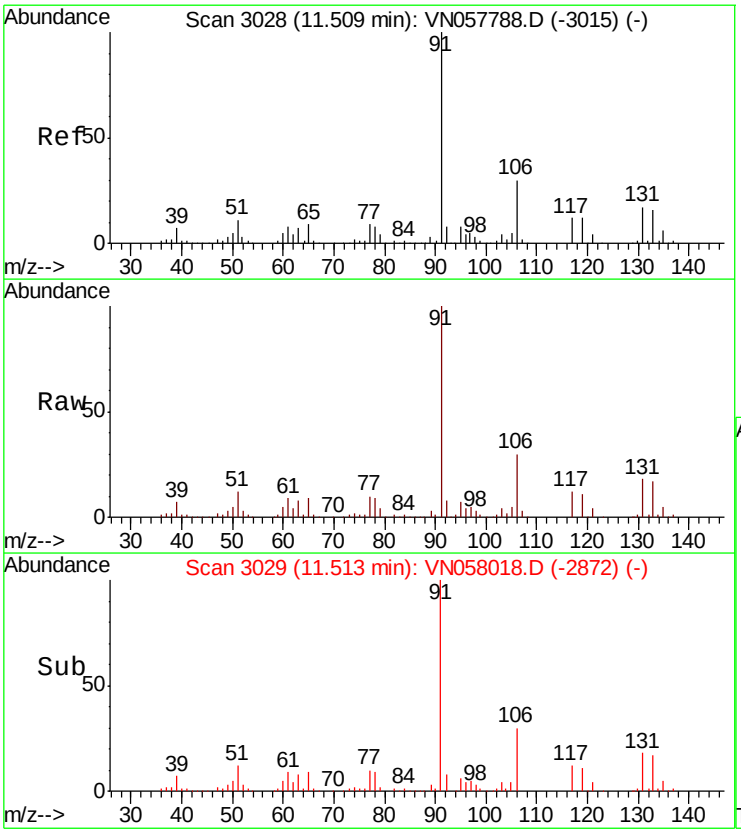

#65
1,1,1,2-Tetrachloroethane
Concen: 19.265 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion:131 Resp: 91392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 97.1 | 0.0 | 189.2 |
| 119 | 65.6 | 0.0 | 136.4 |

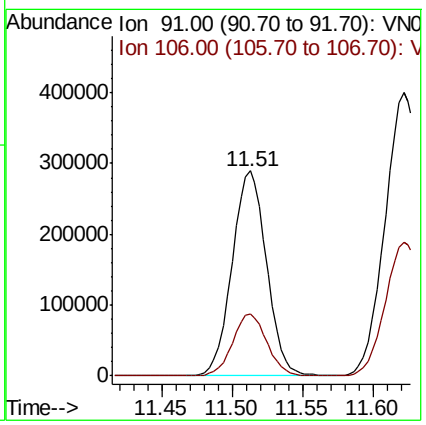


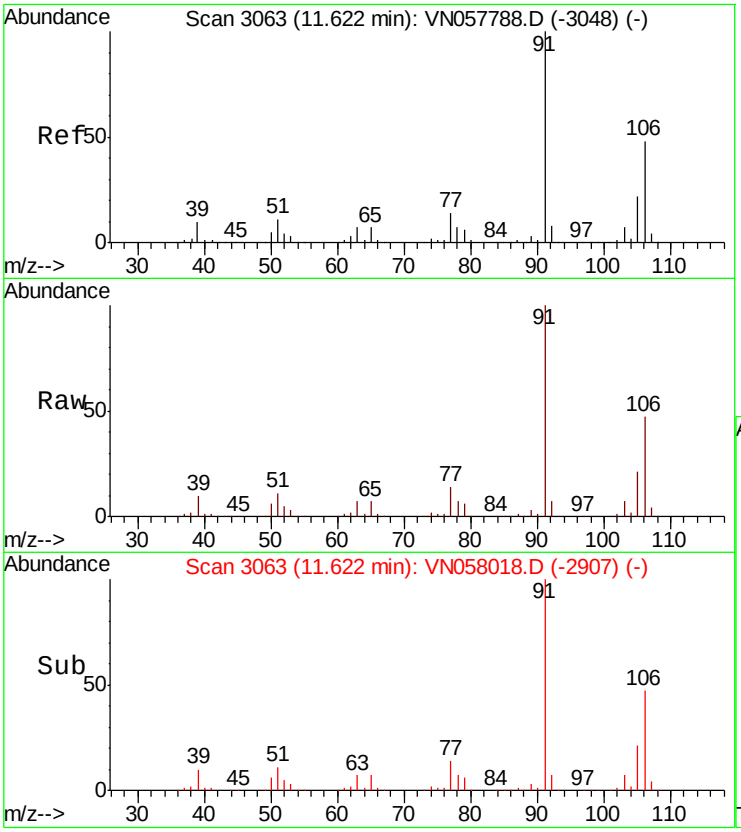




#66
Ethyl Benzene
Concen: 20.595 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 91 Resp: 495055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.4 | 24.0 | 36.0 |



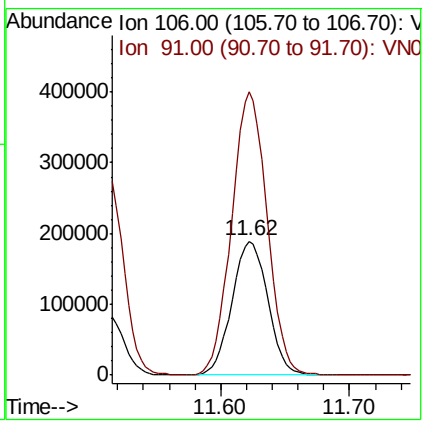


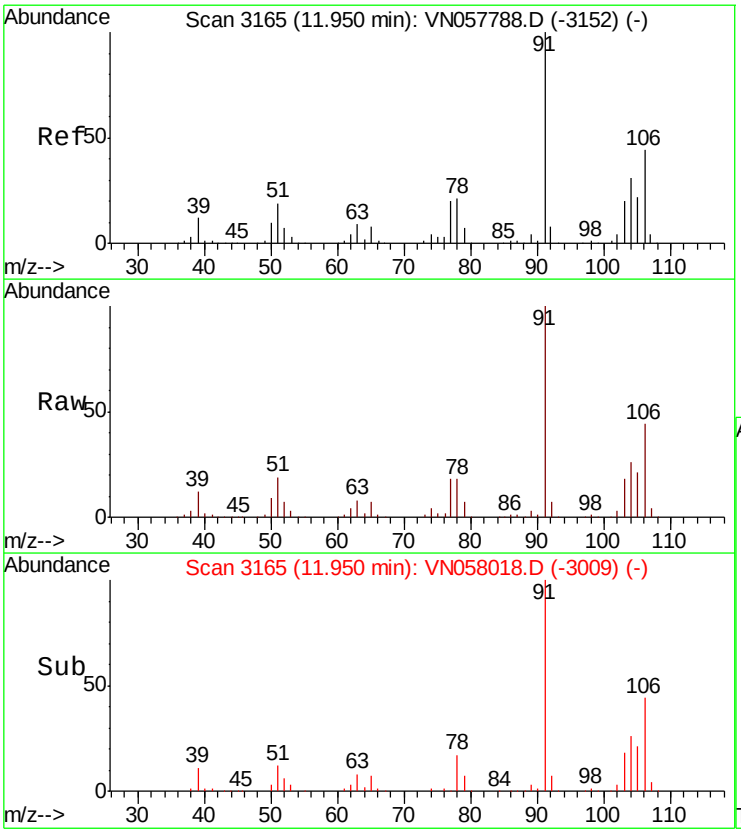

#67
m/p-Xylenes
Concen: 39.795 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion:106 Resp: 365095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 209.3 | 166.1 | 249.1 |

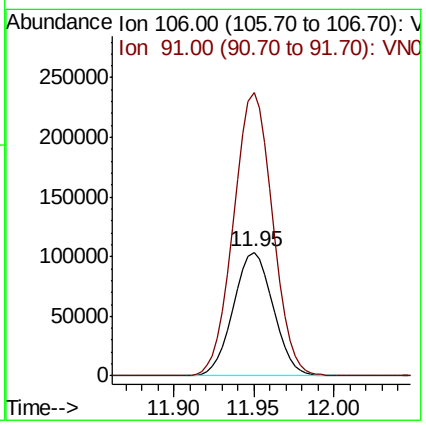


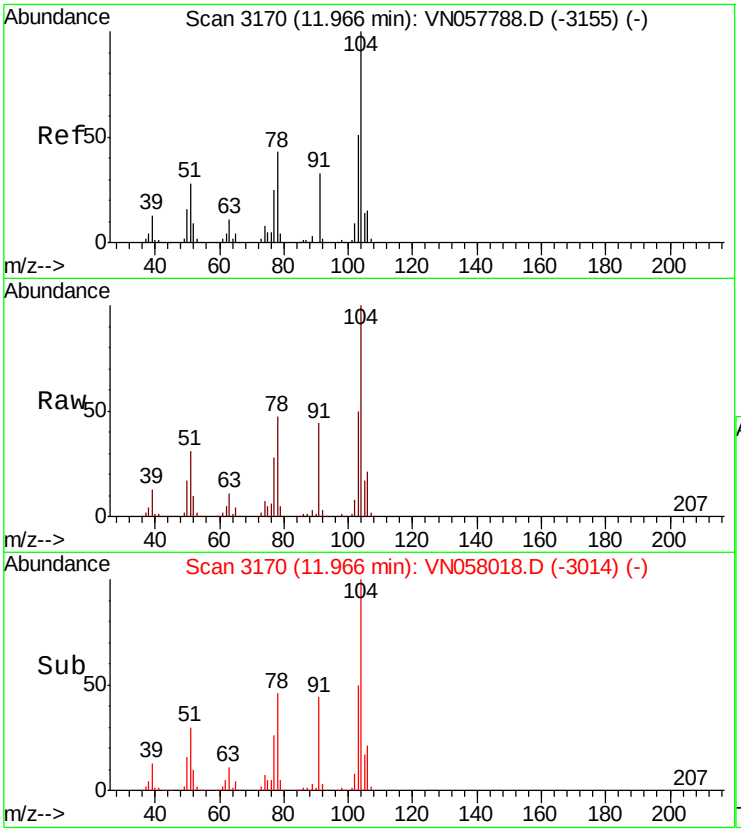




#68
o-Xylene
Concen: 19.625 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion:106 Resp: 176388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 224.3 | 111.5 | 334.4 |



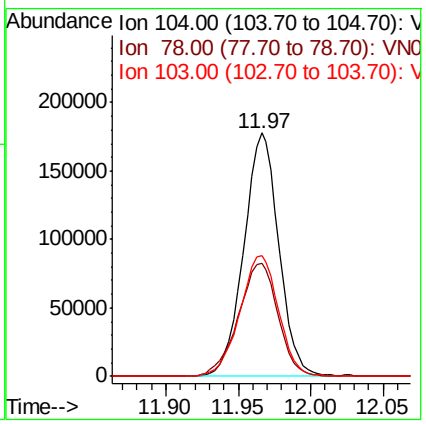


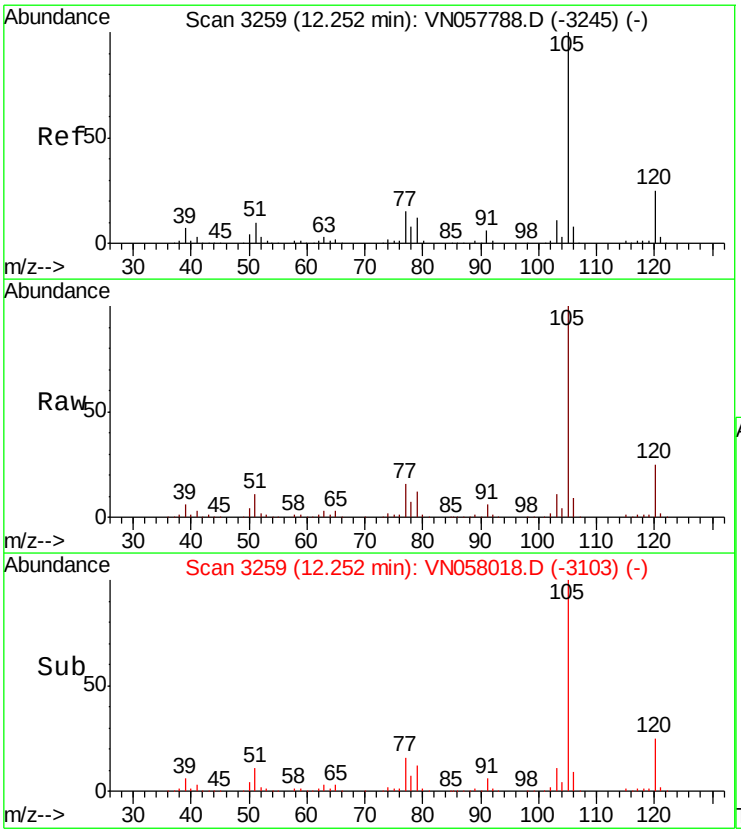

#69
Styrene
Concen: 19.501 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion:104 Resp: 298839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 52.4 | 41.5 | 62.3 |
| 103 | 54.9 | 44.8 | 67.2 |

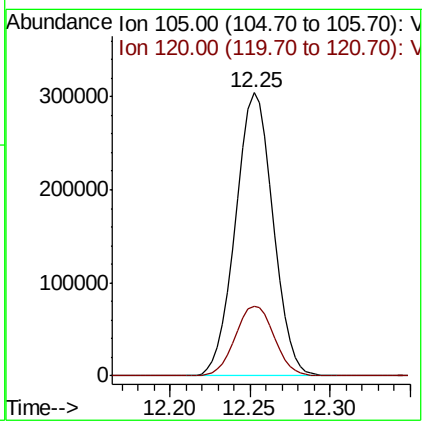


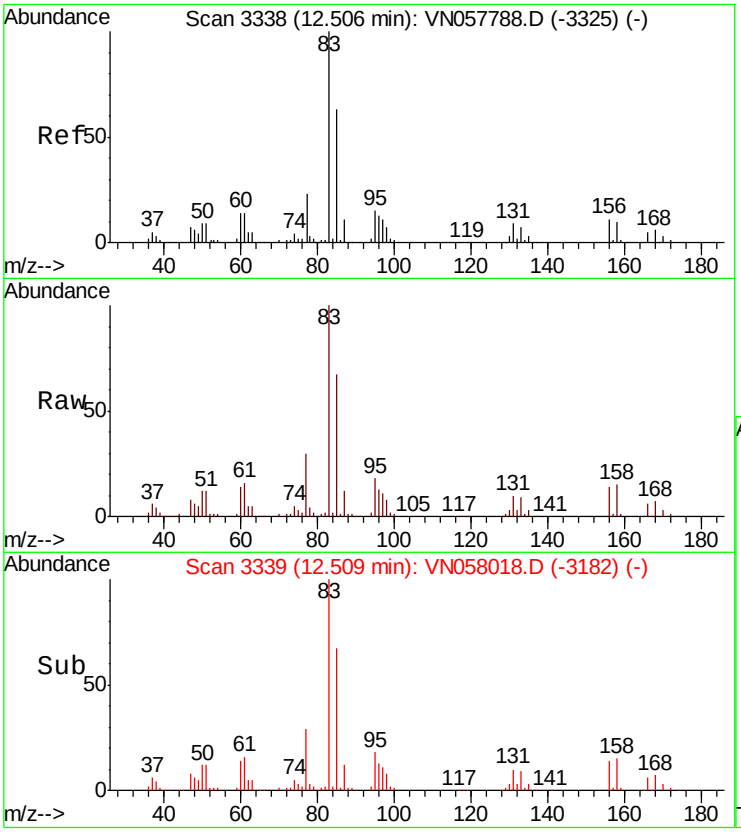




#70
Isopropylbenzene
Concen: 20.455 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion:105 Resp: 486053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.6 | 17.6 | 32.6 |



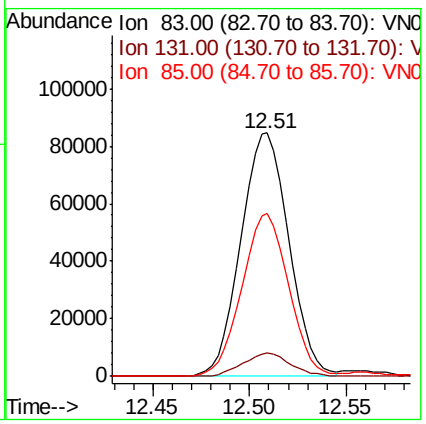


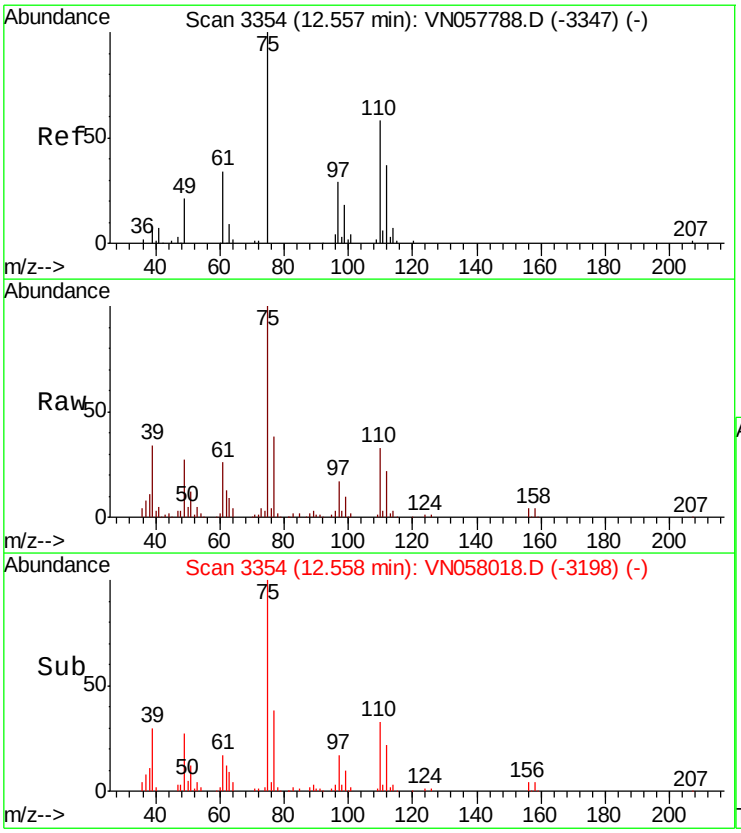

#71
1,1,2,2-Tetrachloroethane
Concen: 19.658 ug/l
RT: 12.51 min Scan# 3339
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDCCC020EC

Tgt Ion: 83 Resp: 145988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.6 | 4.9 | 14.6 |
| 85 | 65.2 | 32.1 | 96.3 |

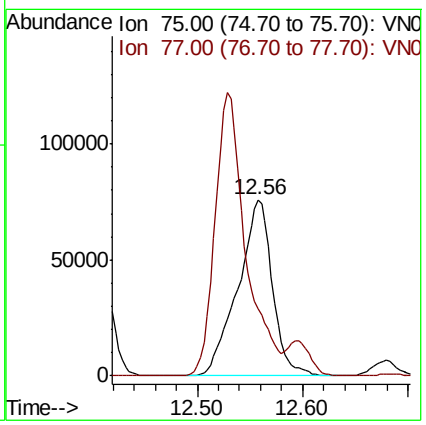


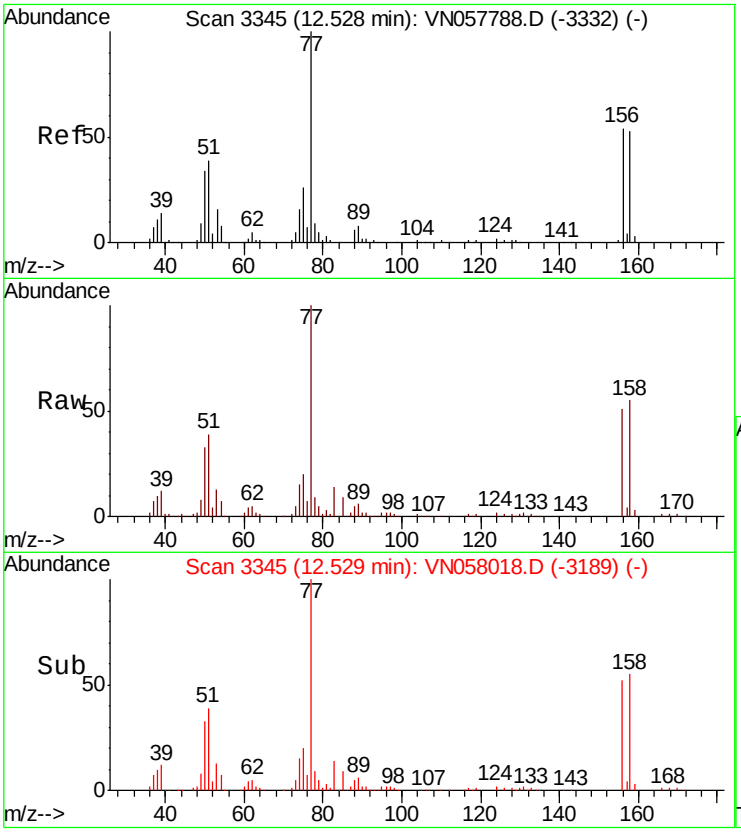




#72
1,2,3-Trichloropropane
Concen: 26.230 ug/l
RT: 12.56 min Scan# 3354
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 75 Resp: 172892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 142.4 | 0.0 | 351.6 |



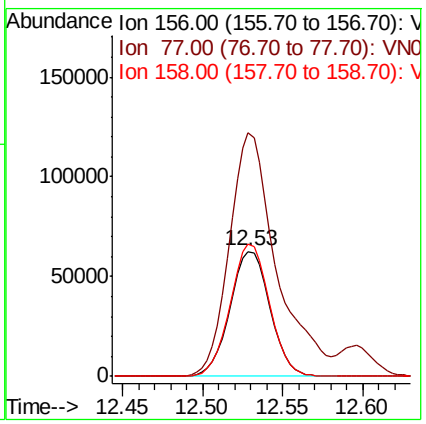


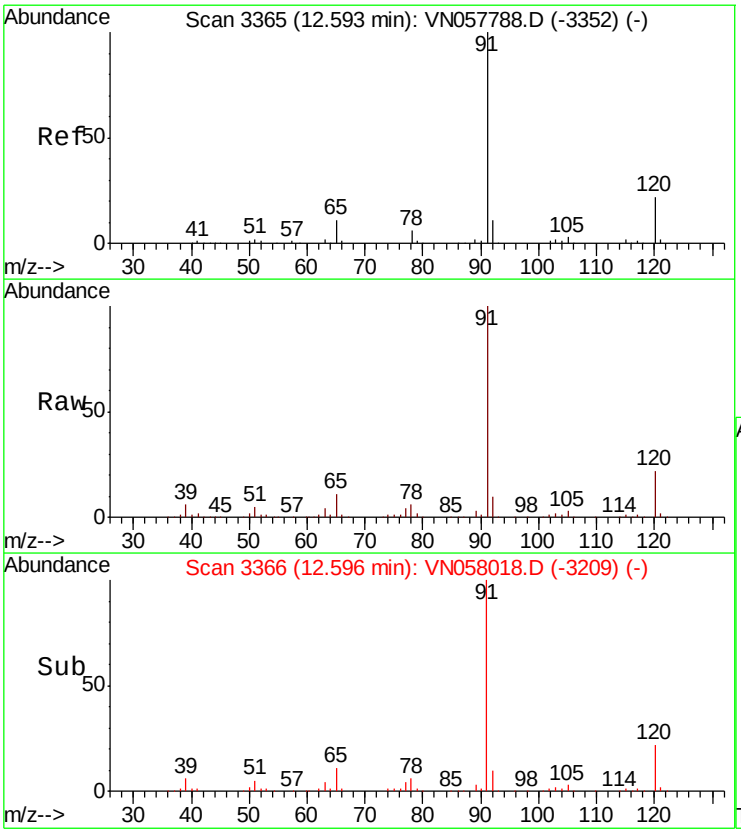

#73
Bromobenzene
Concen: 18.767 ug/l
RT: 12.53 min Scan# 3345
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDCCC020EC

Tgt Ion:156 Resp: 106764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 230.6 | 0.0 | 446.6 |
| 158 | 103.3 | 0.0 | 197.2 |

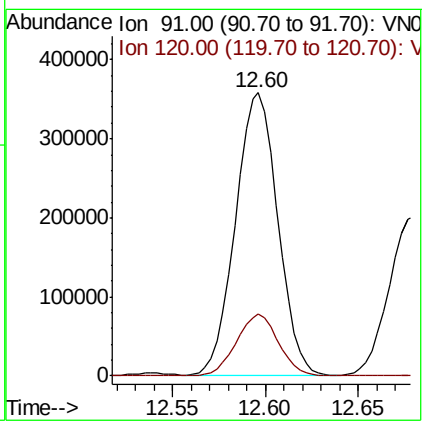


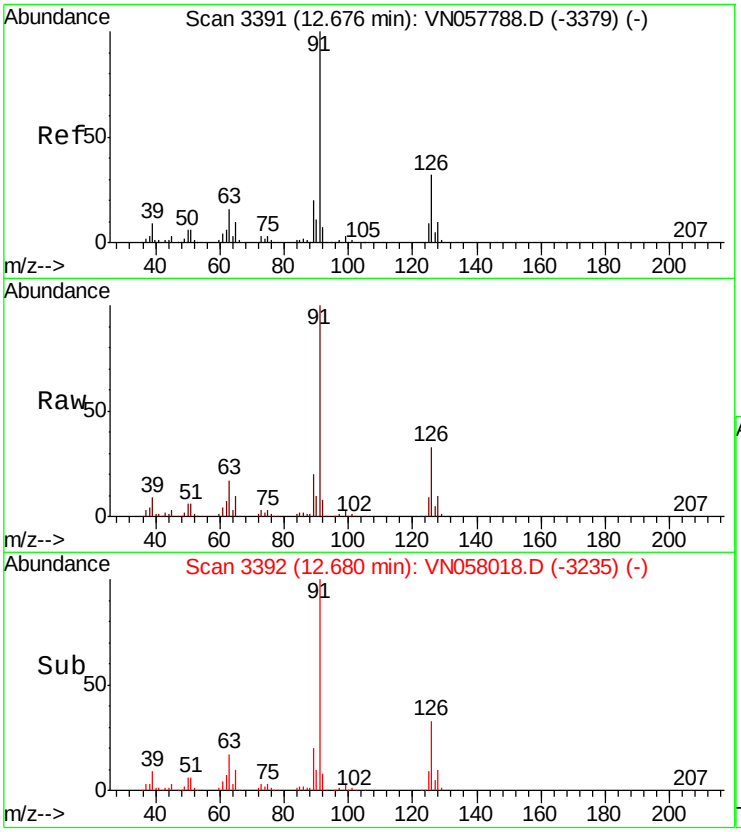




#74
n-propylbenzene
Concen: 20.924 ug/l
RT: 12.60 min Scan# 3366
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 91 Resp: 568054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 21.7 | 0.0 | 43.4 |



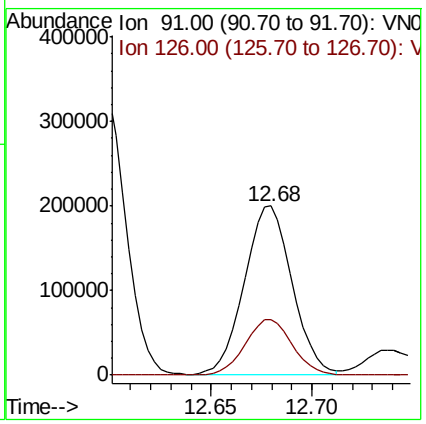


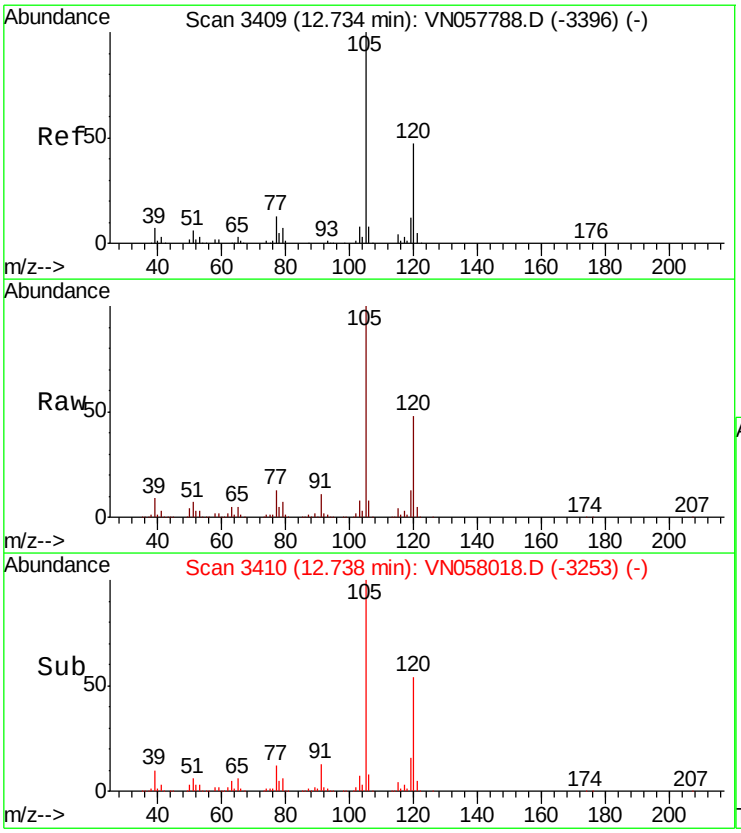

#75
2-Chlorotoluene
Concen: 19.693 ug/l
RT: 12.68 min Scan# 3392
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion: 91 Resp: 333007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.4 | 0.0 | 64.8 |

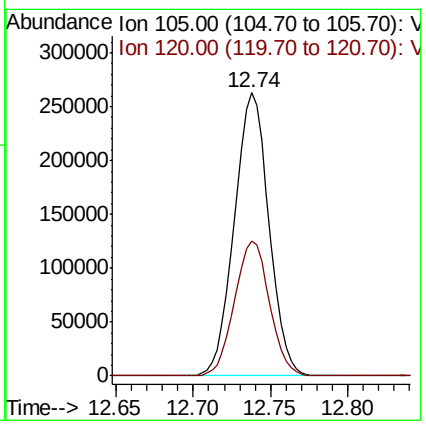


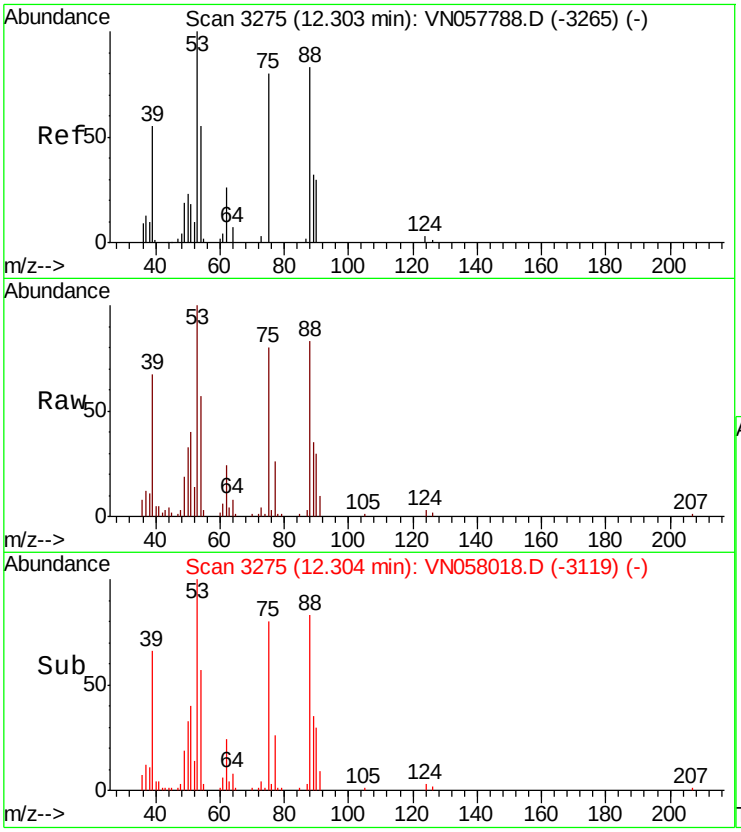




#76
1,3,5-Trimethylbenzene
Concen: 20.114 ug/l
RT: 12.74 min Scan# 3410
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion:105 Resp: 406985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.4 | 0.0 | 94.4 |



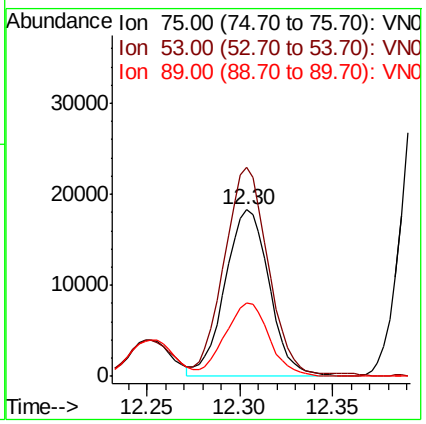


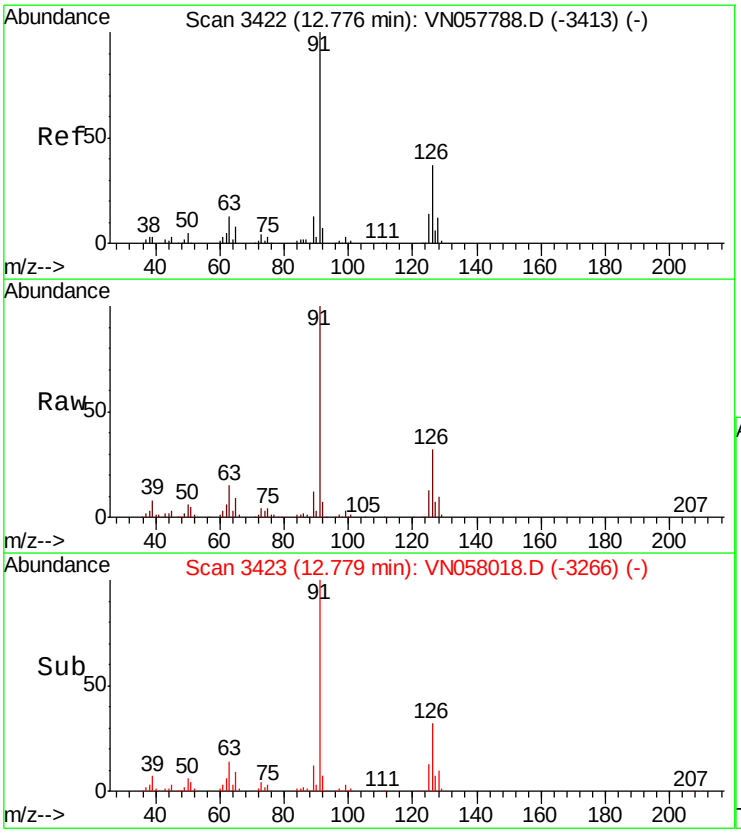

#77
t-1,4-Dichloro-2-butene
Concen: 15.581 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion: 75 Resp: 30467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 124.1 | 62.7 | 188.2 |
| 89 | 43.9 | 22.8 | 68.3 |

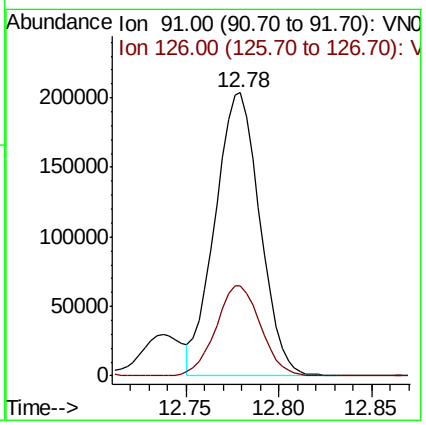


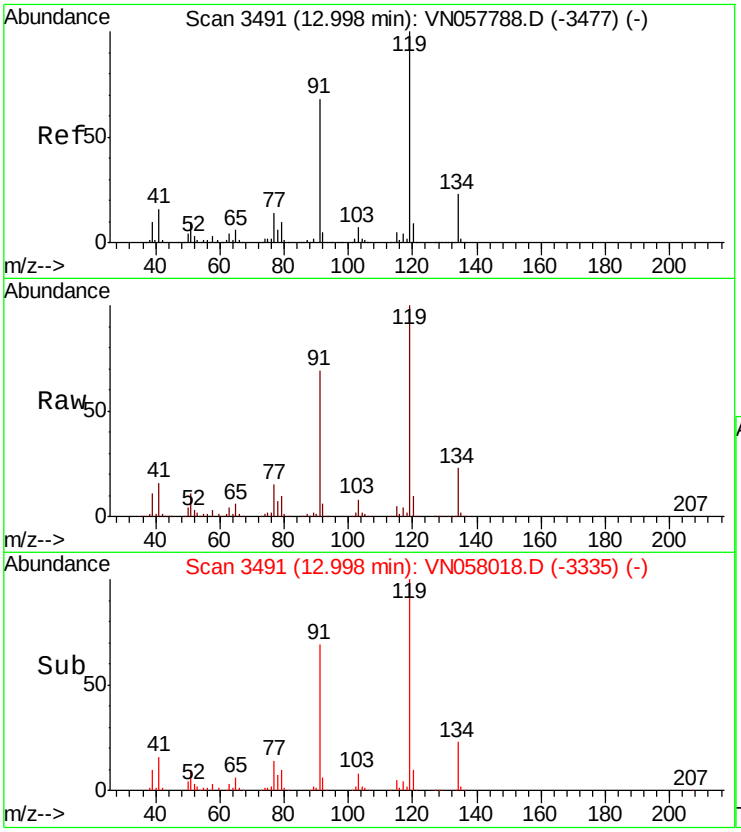




#78
4-Chlorotoluene
Concen: 19.870 ug/l
RT: 12.78 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 91 Resp: 342723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 31.7 | 0.0 | 65.2 |



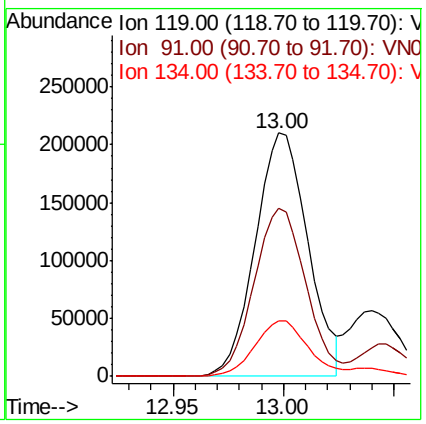


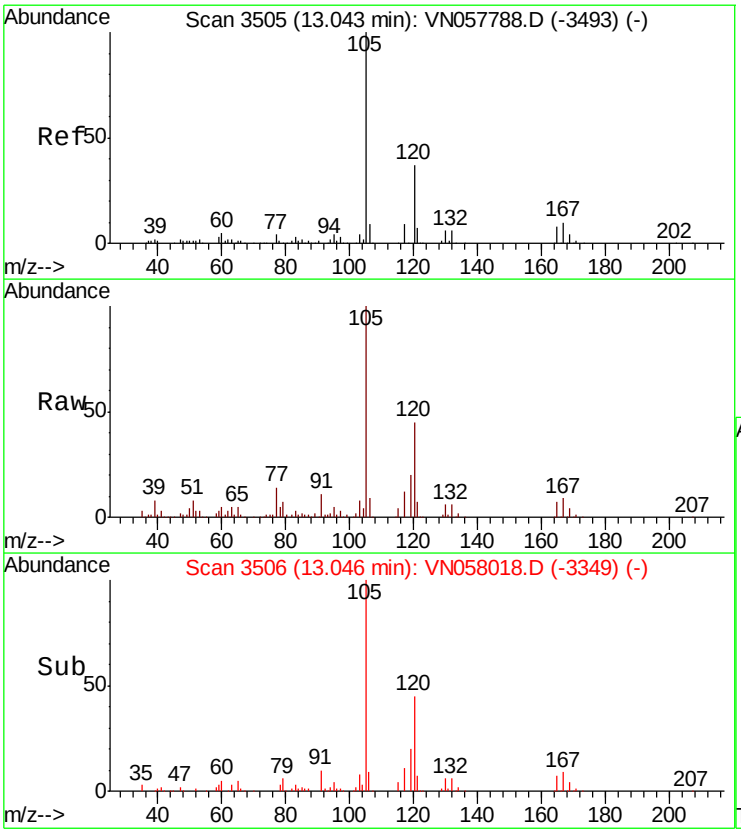

#79
tert-butylbenzene
Concen: 19.724 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion:119 Resp: 348163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 68.2 | 0.0 | 133.8 |
| 134 | 23.0 | 0.0 | 46.4 |

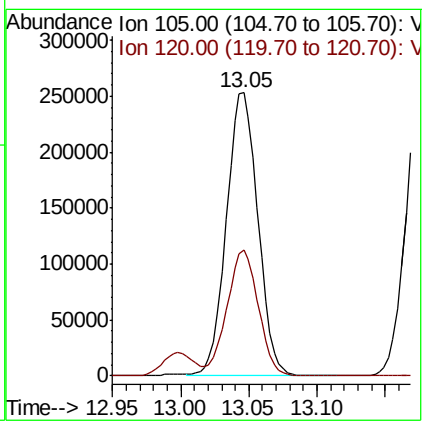


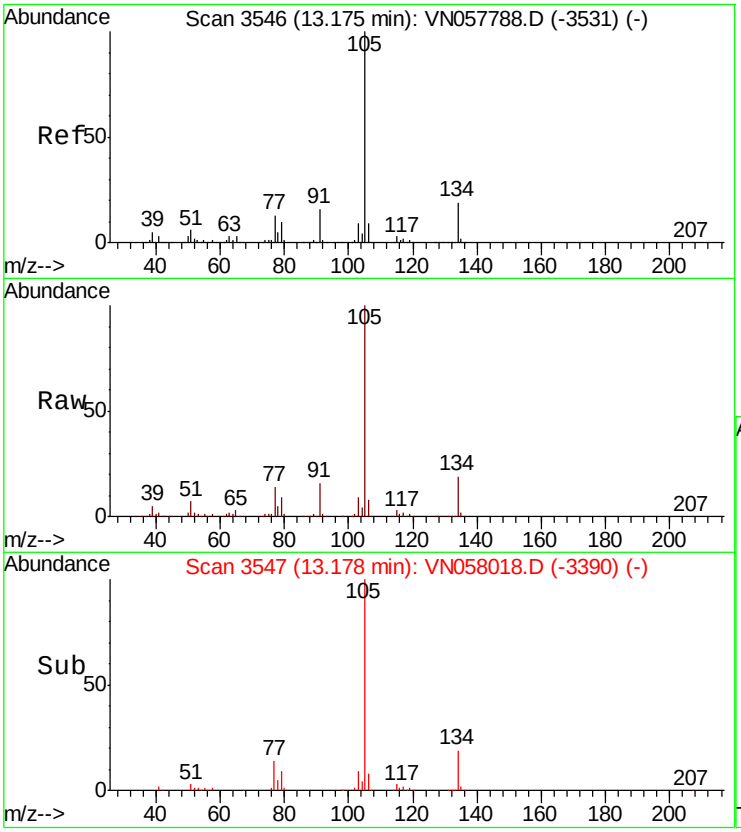




#80
1,2,4-Trimethylbenzene
Concen: 20.084 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion:105 Resp: 404916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.1 | 0.0 | 87.8 |



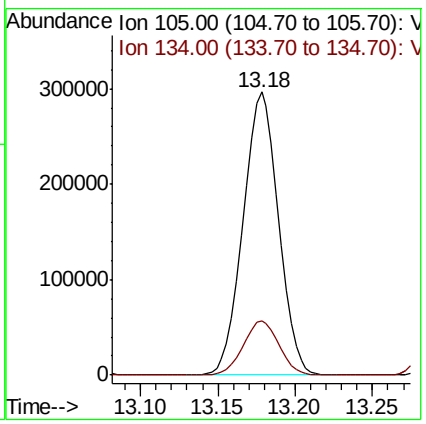


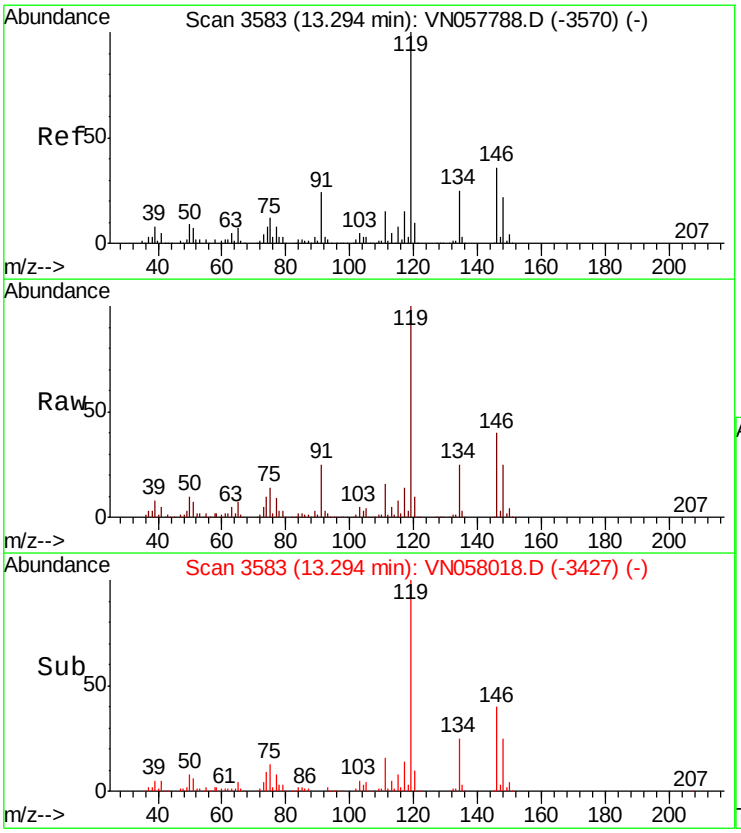

#81
sec-Butylbenzene
Concen: 20.096 ug/l
RT: 13.18 min Scan# 3547
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDCCC020EC

Tgt Ion:105 Resp: 470661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.4 | 0.0 | 37.6 |

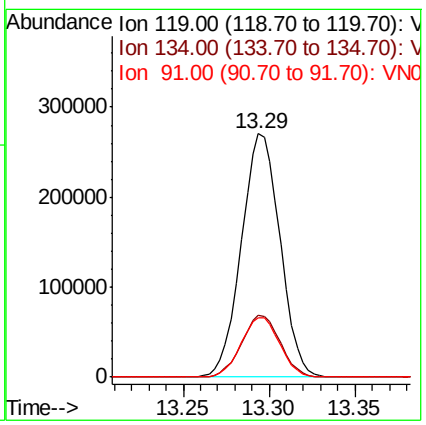


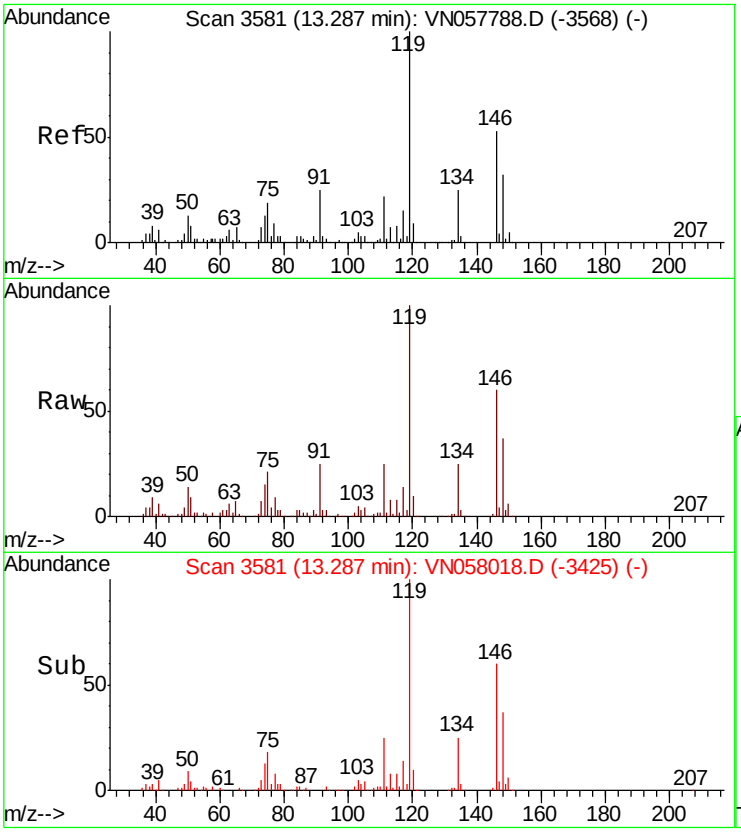




#82
p-Isopropyltoluene
Concen: 20.051 ug/l
RT: 13.29 min Scan# 3583
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion:119 Resp: 420563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.4 | 0.0 | 50.4 |
| 91 | 24.7 | 0.0 | 48.8 |



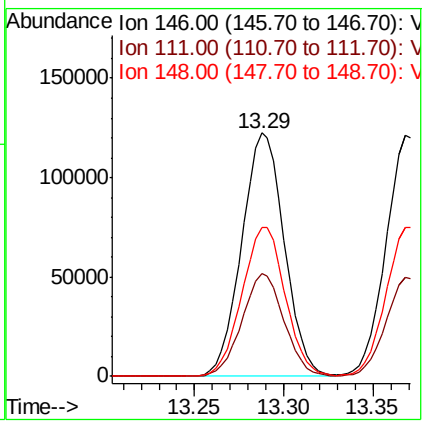


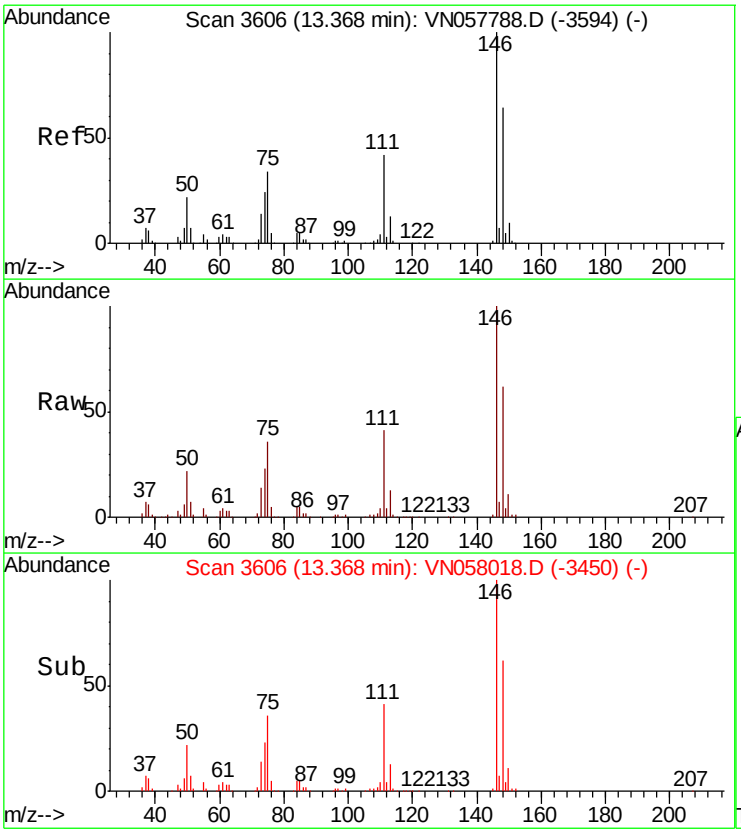

#83
1,3-Dichlorobenzene
Concen: 19.326 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDCCC020EC

Tgt Ion:146 Resp: 204351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.4 | 20.7 | 62.1 |
| 148 | 62.2 | 30.9 | 92.5 |

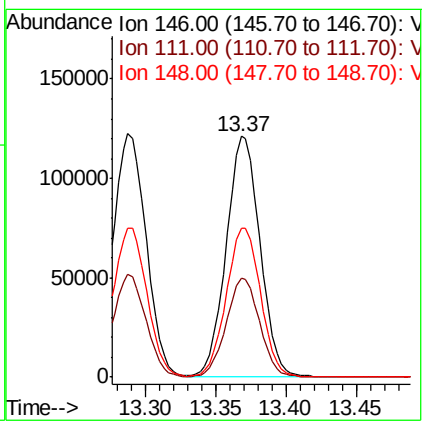


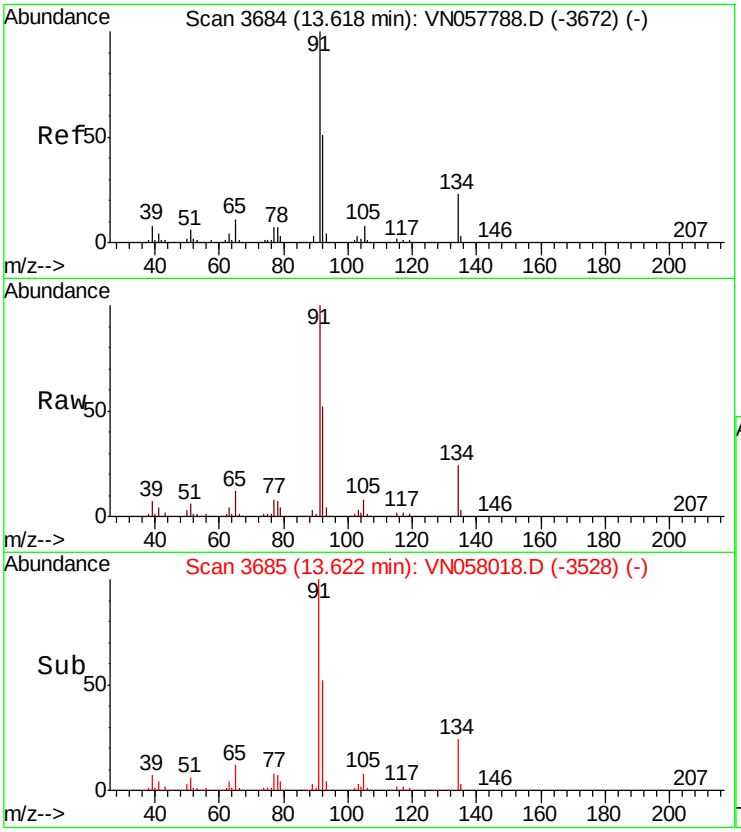




#84
1,4-Dichlorobenzene
Concen: 19.559 ug/l
RT: 13.37 min Scan# 3606
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion:146 Resp: 203614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.7 | 21.1 | 63.4 |
| 148 | 62.8 | 31.7 | 95.1 |



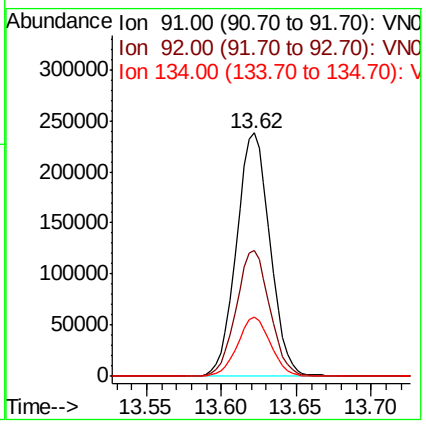


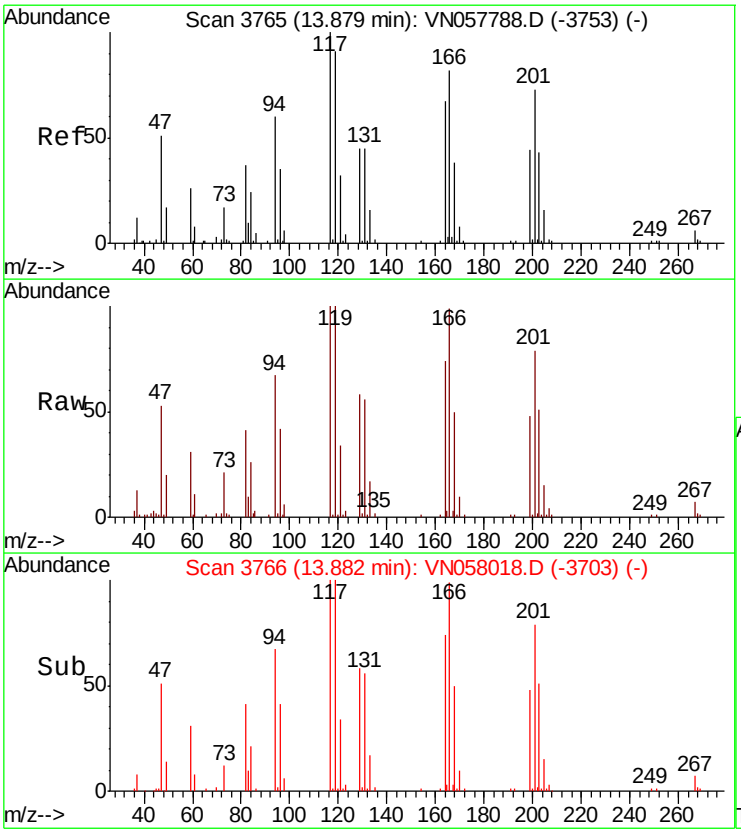

#85
n-Butylbenzene
Concen: 19.045 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion: 91 Resp: 372276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 51.7 | 0.0 | 100.0 |
| 134 | 23.8 | 0.0 | 46.6 |

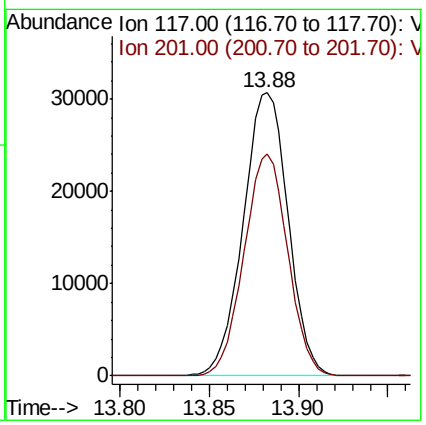


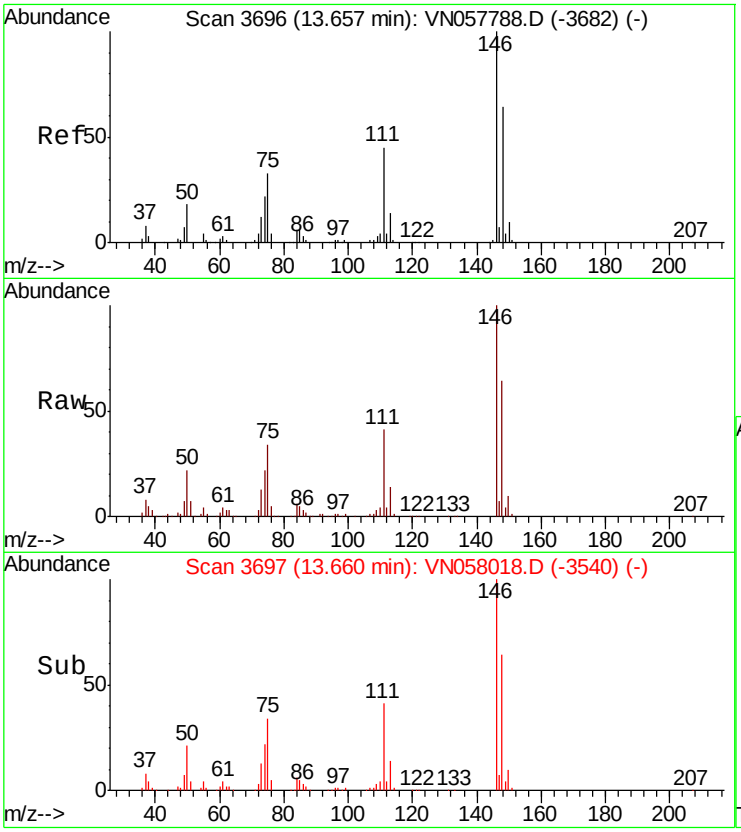




#86
Hexachloroethane
Concen: 16.193 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion:117 Resp: 54100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 76.2 | 36.7 | 110.1 |



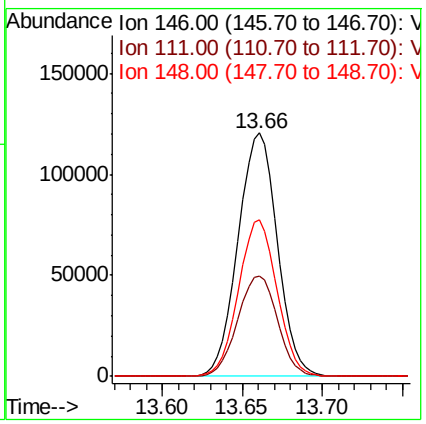


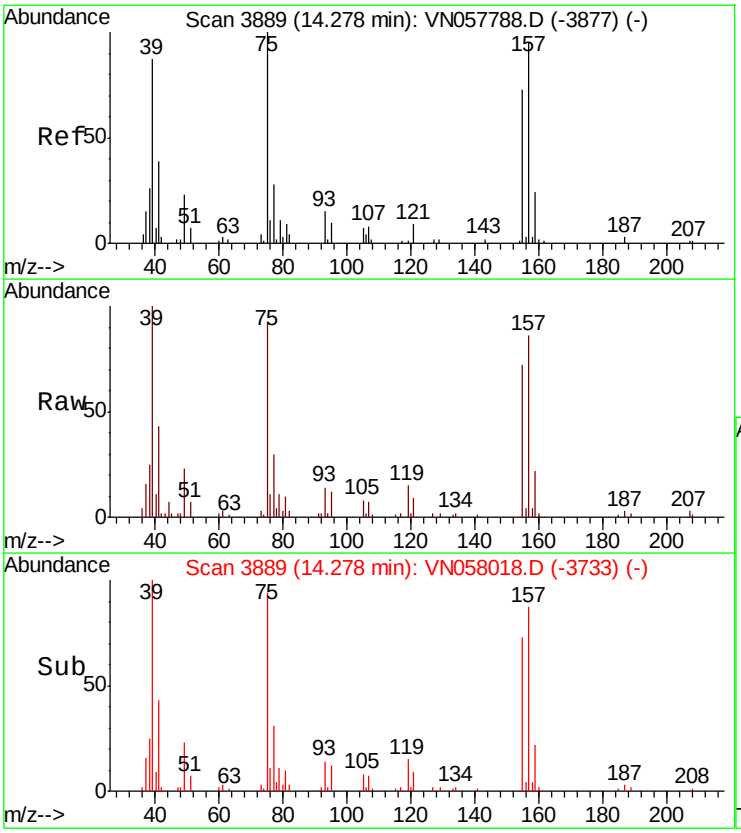

#87
1,2-Dichlorobenzene
Concen: 19.733 ug/l
RT: 13.66 min Scan# 3697
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion:146 Resp: 202540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.7 | 22.2 | 66.6 |
| 148 | 62.9 | 32.1 | 96.3 |

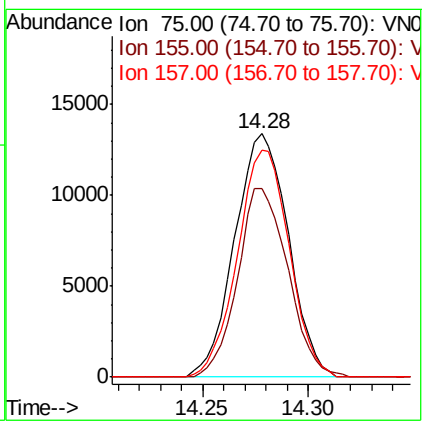


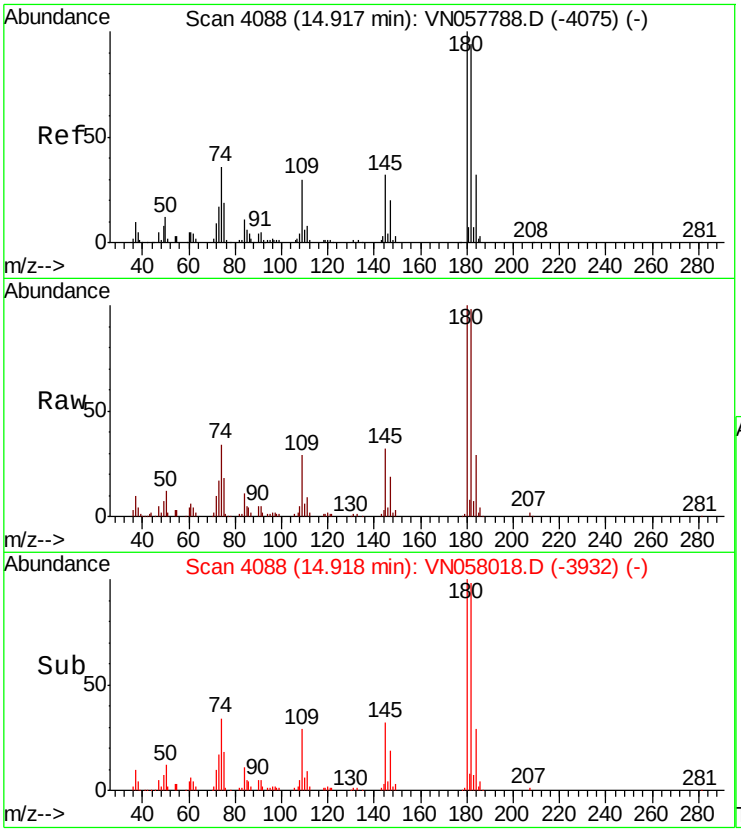




#88
1,2-Dibromo-3-Chloropropane
Concen: 18.075 ug/l
RT: 14.28 min Scan# 3889
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion: 75 Resp: 23634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 72.9 | 59.4 | 89.2 |
| 157 | 90.3 | 74.6 | 112.0 |



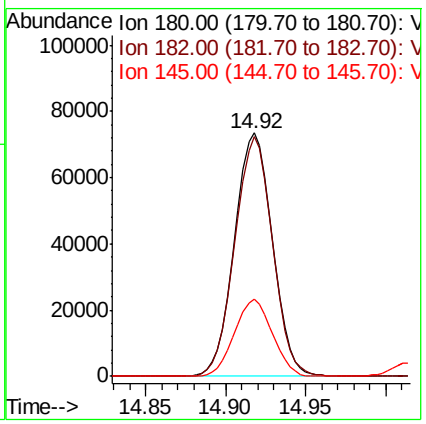


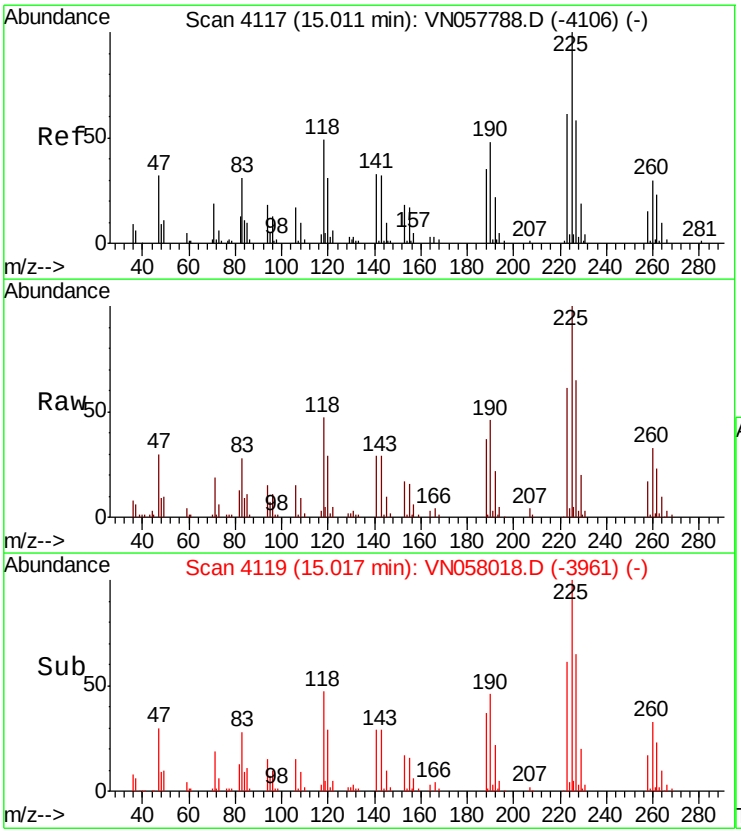

#89
1,2,4-Trichlorobenzene
Concen: 18.991 ug/l
RT: 14.92 min Scan# 4088
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion:180 Resp: 119073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.3 | 77.0 | 115.4 |
| 145 | 31.5 | 26.1 | 39.1 |

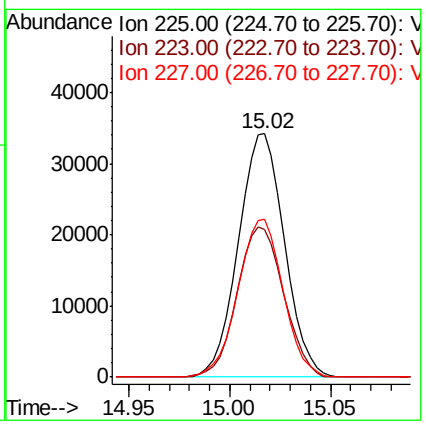


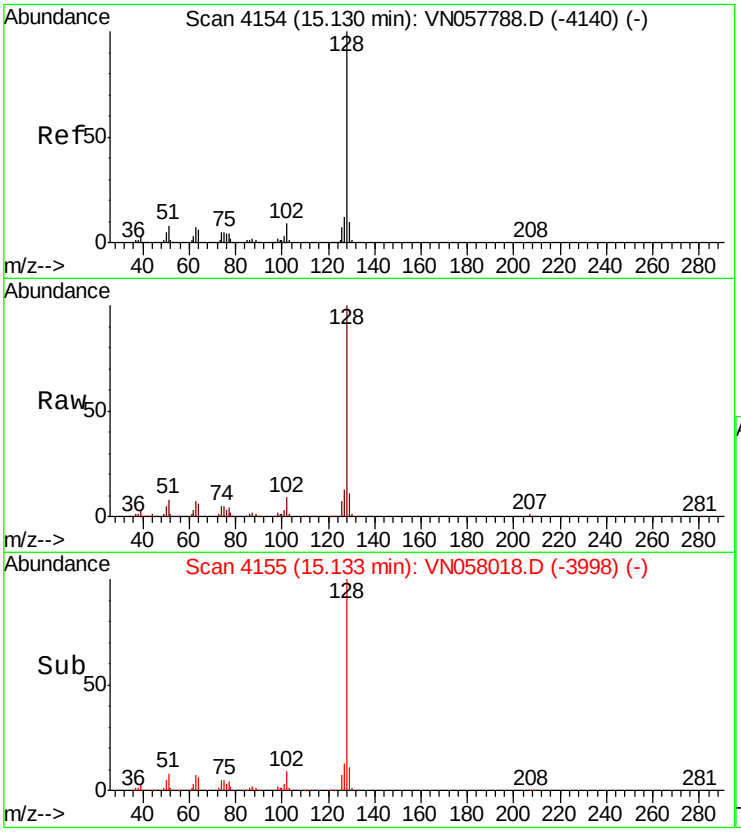




#90
Hexachlorobutadiene
Concen: 19.050 ug/l
RT: 15.02 min Scan# 4119
Delta R.T. 0.01 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion:225 Resp: 54855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.3 | 0.0 | 125.0 |
| 227 | 63.3 | 0.0 | 123.8 |



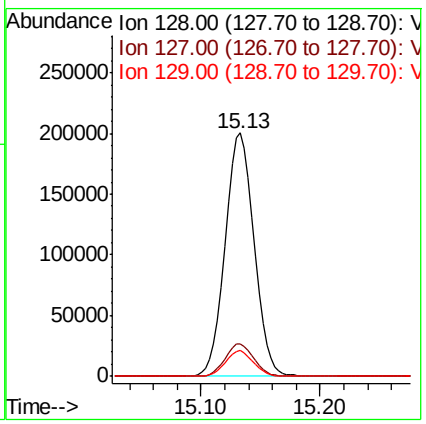


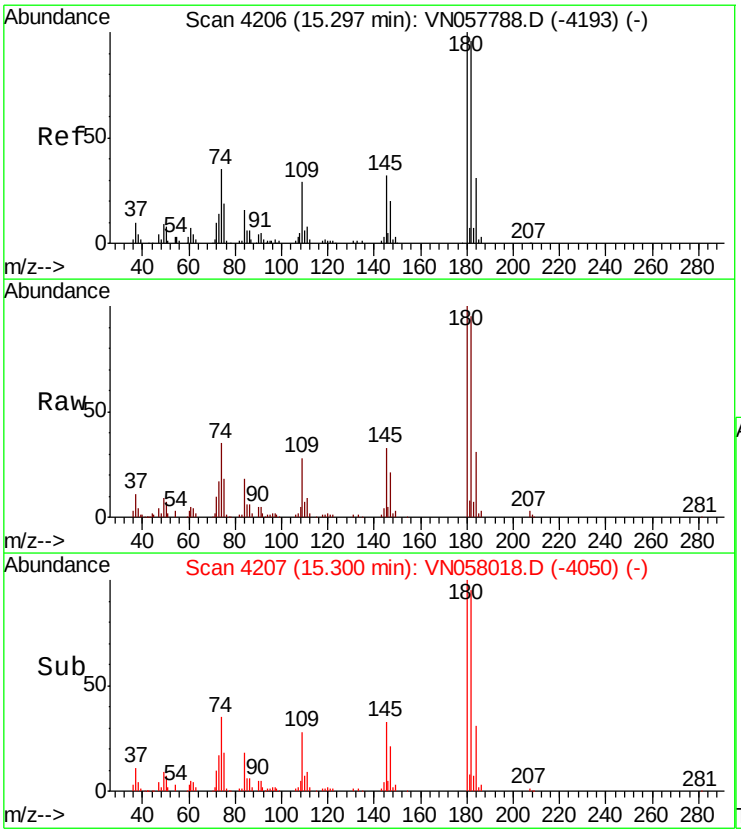

#91
Naphthalene
Concen: 19.589 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC020EC

Tgt Ion:128 Resp: 337959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.1 | 9.9 | 14.9 |
| 129 | 10.3 | 8.1 | 12.1 |




#92
1,2,3-Trichlorobenzene
Concen: 19.565 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN058018.D
Acq: 13 Sep 2019 14:58

Tgt Ion:180 Resp: 116995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.4 | 0.0 | 189.8 |
| 145 | 32.0 | 0.0 | 65.0 |