Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071519\
Data File : VN056697.D
Acq On : 15 Jul 2019 8:49
Operator : JC/SP
Sample : VSTDICC001
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Quant Time: Jul 16 01:08:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 01:03:16 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.66 | 168 | 343381 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.58 | 114 | 536385 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.41 | 117 | 445559 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152 | 148097 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.02 | 65 | 3877 | 1.02 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 2.04% | | | | |
| 35) Dibromofluoromethane | 7.59 | 113 | 3122 | 0.94 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 1.88% | | | | |
| 50) Toluene-d8 | 10.09 | 98 | 11886 | 0.92 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 1.84% | | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 3898 | 0.90 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 1.80% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.85 | 85 | 3701 | 1.267 | ug/l | | 99 |
| 3) Chloromethane | 2.06 | 50 | 5169 | 1.295 | ug/l | | 96 |
| 4) Vinyl Chloride | 2.18 | 62 | 4775 | 1.240 | ug/l | | 90 |
| 5) Bromomethane | 2.55 | 94 | 3284 | 1.466 | ug/l | | 99 |
| 6) Chloroethane | 2.70 | 64 | 2960 | 1.332 | ug/l | | 97 |
| 7) Trichlorofluoromethane | 3.01 | 101 | 6202 | 1.246 | ug/l | | 98 |
| 8) Diethyl Ether | 3.41 | 74 | 2180 | 1.040 | ug/l | | 98 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101 | 3636 | 1.151 | ug/l | # | 67 |
| 10) Methyl Iodide | 3.95 | 142 | 3703 | 0.872 | ug/l | # | 93 |
| 11) Tert butyl alcohol | 4.78 | 59 | 1278 | 2.003 | ug/l | # | 73 |
| 12) 1,1-Dichloroethene | 3.73 | 96 | 3582 | 1.177 | ug/l | | 86 |
| 13) Acrolein | 3.61 | 56 | 1263 | 2.673 | ug/l | | 96 |
| 14) Allyl chloride | 4.32 | 41 | 5983 | 1.171 | ug/l | | 96 |
| 15) Acrylonitrile | 5.00 | 53 | 9088 | 5.102 | ug/l | | 94 |
| 16) Acetone | 3.82 | 43 | 9859 | 5.251 | ug/l | | 99 |
| 17) Carbon Disulfide | 4.05 | 76 | 9396 | 1.323 | ug/l | # | 94 |
| 18) Methyl Acetate | 4.34 | 43 | 7218 | 1.500 | ug/l | # | 73 |
| 19) Methyl tert-butyl Ether | 5.05 | 73 | 11368 | 1.131 | ug/l | | 97 |
| 20) Methylene Chloride | 4.55 | 84 | 4504 | 1.148 | ug/l | | 94 |
| 21) trans-1,2-Dichloroethene | 5.03 | 96 | 1578 | 0.480 | ug/l | # | 78 |
| 22) Diisopropyl ether | 5.95 | 45 | 11234 | 1.052 | ug/l | # | 80 |
| 23) Vinyl Acetate | 5.90 | 43 | 42202 | 5.009 | ug/l | | 99 |
| 24) 1,1-Dichloroethane | 5.85 | 63 | 6964 | 1.138 | ug/l | # | 83 |
| 25) 2-Butanone | 6.84 | 43 | 12971 | 5.149 | ug/l | | 97 |
| 26) 2,2-Dichloropropane | 6.82 | 77 | 4759 | 1.108 | ug/l | | 90 |
| 27) cis-1,2-Dichloroethene | 6.83 | 96 | 3967 | 1.035 | ug/l | | 57 |
| 28) Bromochloromethane | 7.19 | 49 | 3003 | 1.000 | ug/l | # | 99 |
| 29) Tetrahydrofuran | 7.21 | 42 | 8536 | 5.464 | ug/l | | 97 |
| 30) Chloroform | 7.37 | 83 | 7571 | 1.256 | ug/l | | 97 |
| 31) Cyclohexane | 7.66 | 56 | 12106 | 2.038 | ug/l | # | 34 |
| 32) 1,1,1-Trichloroethane | 7.57 | 97 | 5186 | 1.082 | ug/l | # | 50 |
| 36) 1,1-Dichloropropene | 7.79 | 75 | 5653 | 1.190 | ug/l | | 89 |
| 37) Ethyl Acetate | 6.93 | 43 | 957 | 0.205 | ug/l | # | 83 |
| 38) Carbon Tetrachloride | 7.77 | 117 | 5290 | 1.257 | ug/l | | 87 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071519\
Data File : VN056697.D
Acq On : 15 Jul 2019 8:49
Operator : JC/SP
Sample : VSTDICC001
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Quant Time: Jul 16 01:08:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 01:03:16 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.08 | 83 | 6639 | 1.129 ug/l | | 92 |
| 40) Benzene | 8.04 | 78 | 16606 | 1.136 ug/l | | 100 |
| 41) Methacrylonitrile | 7.17 | 41 | 1876 | 0.918 ug/l | # | 100 |
| 42) 1,2-Dichloroethane | 8.13 | 62 | 5129 | 1.068 ug/l | | 86 |
| 43) Isopropyl Acetate | 8.16 | 43 | 7253 | 1.002 ug/l | # | 94 |
| 44) Trichloroethene | 8.83 | 130 | 4767 | 1.215 ug/l | | 93 |
| 45) 1,2-Dichloropropane | 9.12 | 63 | 4369 | 1.118 ug/l | | 98 |
| 46) Dibromomethane | 9.21 | 93 | 2570 | 1.052 ug/l | | 98 |
| 47) Bromodichloromethane | 9.40 | 83 | 4963 | 1.136 ug/l | | 95 |
| 48) Methyl methacrylate | 9.20 | 41 | 3494 | 0.962 ug/l | | 97 |
| 49) 1,4-Dioxane | 9.19 | 88 | 743 | 9.934 ug/l | # | 1 |
| 51) 4-Methyl-2-Pentanone | 9.98 | 43 | 25034 | 5.358 ug/l | | 94 |
| 52) Toluene | 10.15 | 92 | 8963 | 1.004 ug/l | | 92 |
| 53) t-1,3-Dichloropropene | 10.38 | 75 | 4388 | 0.992 ug/l | # | 82 |
| 54) cis-1,3-Dichloropropene | 9.84 | 75 | 5510 | 1.050 ug/l | | 99 |
| 55) 1,1,2-Trichloroethane | 10.56 | 97 | 4271 | 1.191 ug/l | | 96 |
| 56) Ethyl methacrylate | 10.43 | 69 | 4655 | 0.882 ug/l | # | 93 |
| 57) 1,3-Dichloropropane | 10.71 | 76 | 6352 | 1.056 ug/l | | 95 |
| 58) 2-Chloroethyl Vinyl ether | 9.69 | 63 | 10245 | 5.069 ug/l | | 97 |
| 59) 2-Hexanone | 10.75 | 43 | 15752 | 4.572 ug/l | | 96 |
| 60) Dibromochloromethane | 10.90 | 129 | 3544 | 1.074 ug/l | | 97 |
| 61) 1,2-Dibromoethane | 11.01 | 107 | 3624 | 0.990 ug/l | | 98 |
| 64) Tetrachloroethene | 10.63 | 164 | 4745 | 1.333 ug/l | | 95 |
| 65) Chlorobenzene | 11.43 | 112 | 10132 | 1.130 ug/l | | 95 |
| 66) 1,1,1,2-Tetrachloroethane | 11.50 | 131 | 3638 | 1.189 ug/l | # | 64 |
| 67) Ethyl Benzene | 11.51 | 91 | 16722 | 1.060 ug/l | | 96 |
| 68) m/p-Xylenes | 11.62 | 106 | 12338 | 2.133 ug/l | | 97 |
| 69) o-Xylene | 11.94 | 106 | 6256 | 1.093 ug/l | | 94 |
| 70) Styrene | 11.96 | 104 | 8757 | 0.957 ug/l | | 99 |
| 71) Bromoform | 12.12 | 173 | 2214 | 1.020 ug/l | # | 94 |
| 73) Isopropylbenzene | 12.25 | 105 | 14410 | 1.112 ug/l | | 96 |
| 74) N-amyl acetate | 12.07 | 43 | 4808 | 1.021 ug/l | # | 90 |
| 75) 1,1,2,2-Tetrachloroethane | 12.50 | 83 | 5572 | 1.373 ug/l | | 97 |
| 76) 1,2,3-Trichloropropane | 12.55 | 75 | 5946 | 1.911 ug/l | # | 100 |
| 77) Bromobenzene | 12.53 | 156 | 3805 | 1.157 ug/l | | 97 |
| 78) n-propylbenzene | 12.59 | 91 | 15496 | 1.144 ug/l | | 97 |
| 79) 2-Chlorotoluene | 12.67 | 91 | 10535 | 1.237 ug/l | | 93 |
| 80) 1,3,5-Trimethylbenzene | 12.73 | 105 | 12224 | 1.154 ug/l | | 97 |
| 81) trans-1,4-Dichloro-2-buten | 12.29 | 75 | 638 | 0.702 ug/l | # | 38 |
| 82) 4-Chlorotoluene | 12.77 | 91 | 8966 | 1.122 ug/l | | 98 |
| 83) tert-Butylbenzene | 12.99 | 119 | 11091 | 1.151 ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105 | 11117 | 1.115 ug/l | | 99 |
| 85) sec-Butylbenzene | 13.17 | 105 | 12698 | 1.071 ug/l | | 95 |
| 86) p-Isopropyltoluene | 13.28 | 119 | 11386 | 1.115 ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 13.28 | 146 | 5794 | 1.155 ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 13.28 | 146 | 5794 | 1.187 ug/l | | 99 |
| 89) n-Butylbenzene | 13.61 | 91 | 8281 | 1.054 ug/l | | 98 |
| 90) Hexachloroethane | 13.87 | 117 | 1901 | 1.184 ug/l | | 95 |
| 91) 1,2-Dichlorobenzene | 13.65 | 146 | 6436 | 1.290 ug/l | | 93 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.26 | 75 | 627 | 1.122 ug/l | | 94 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071519\
Data File : VN056697.D
Acq On : 15 Jul 2019 8:49
Operator : JC/SP
Sample : VSTDICC001
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Quant Time: Jul 16 01:08:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 01:03:16 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180 | 1555 | 0.722 | ug/l | | 91 |
| 94) Hexachlorobutadiene | 15.00 | 225 | 2440 | 1.290 | ug/l | | 98 |
| 95) Naphthalene | 15.13 | 128 | 4385 | 0.772 | ug/l | # | 93 |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180 | 1748 | 0.762 | ug/l | | 84 |

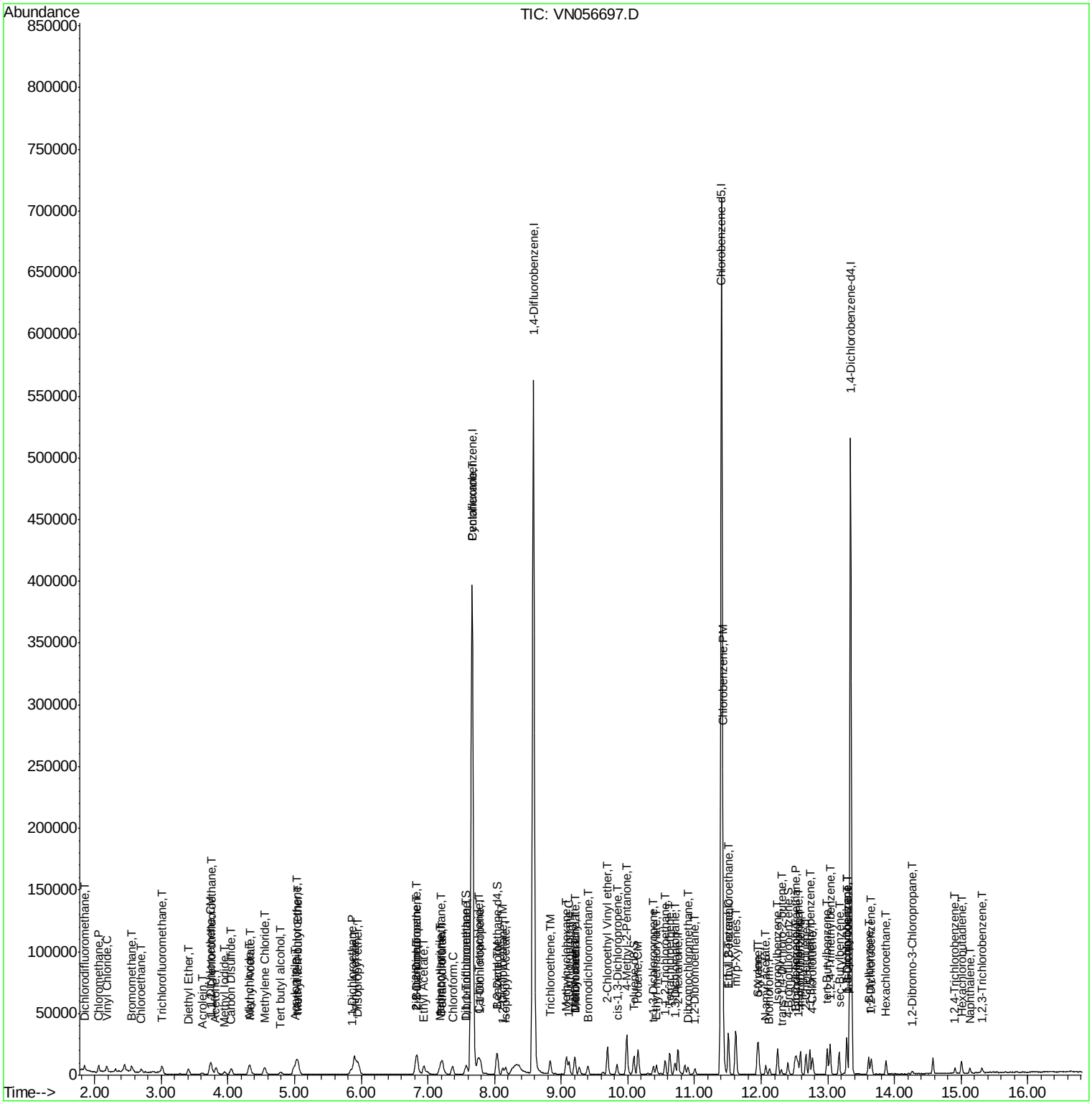
(#) = qualifier out of range (m) = manual integration (+) = signals summed

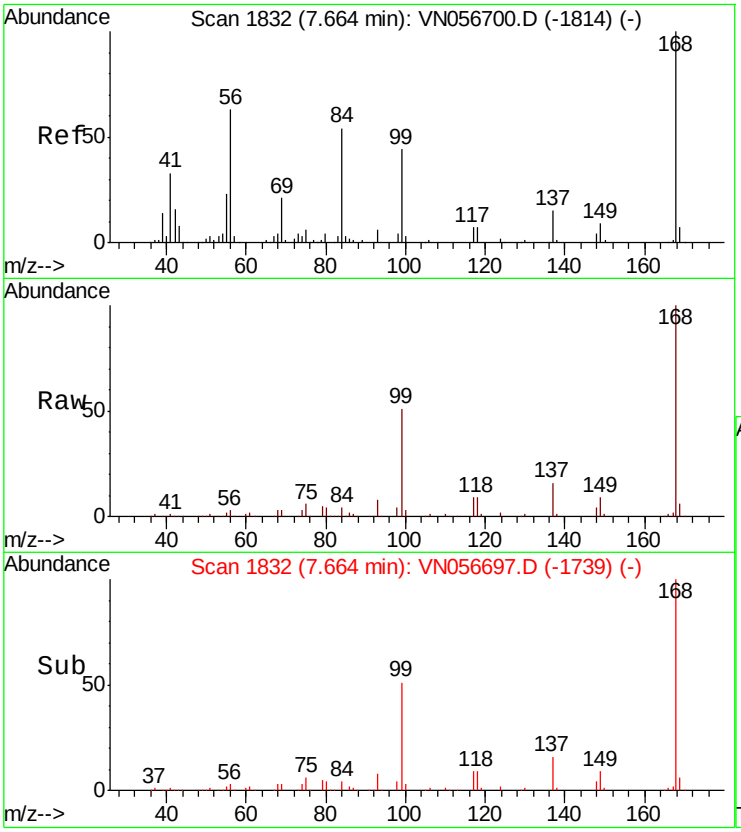
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071519\
Data File : VN056697.D
Acq On : 15 Jul 2019 8:49
Operator : JC/SP
Sample : VSTDICC001
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Quant Time: Jul 16 01:08:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 01:03:16 2019
Response via : Initial Calibration



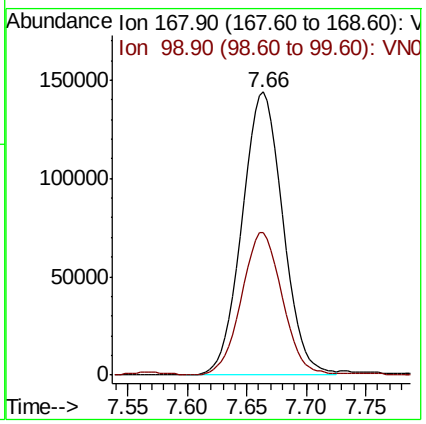


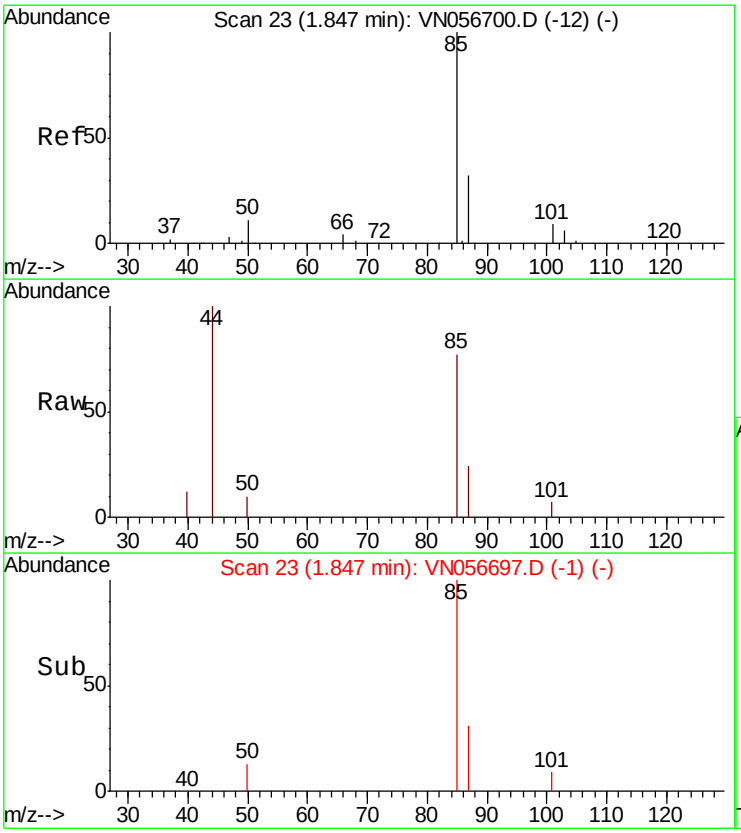

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:168 Resp: 343381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 50.2 | 39.4 | 59.2 |

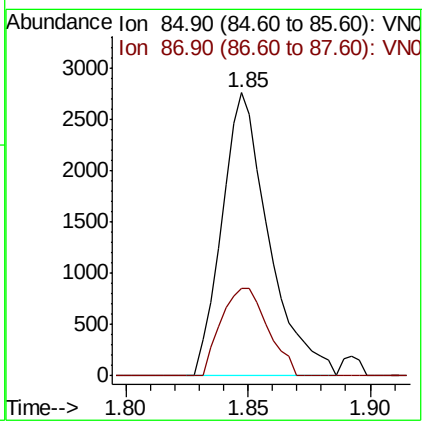


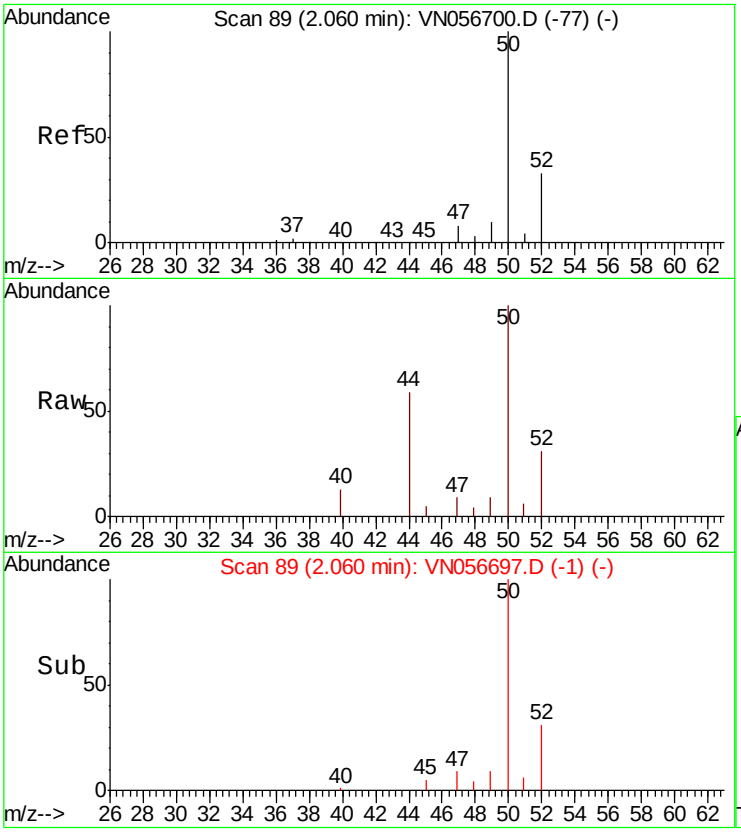




#2
Dichlorodifluoromethane
Concen: 1.267 ug/l
RT: 1.85 min Scan# 23
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 85 Resp: 3701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.1 | 15.9 | 47.7 |



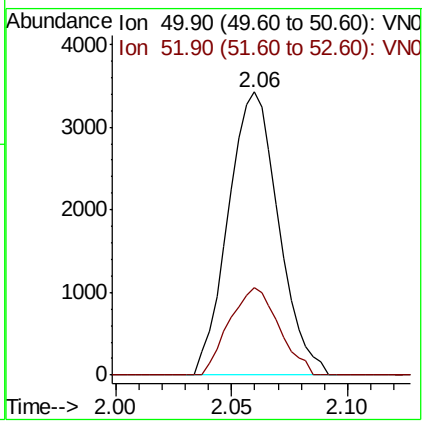


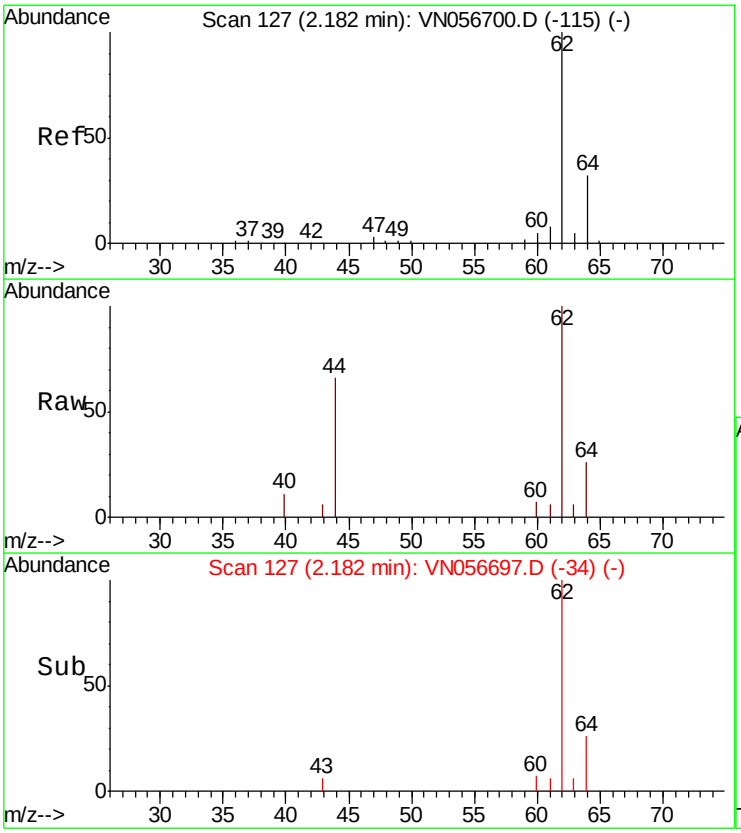

#3
Chloromethane
Concen: 1.295 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 50 Resp: 5169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 30.8 | 26.5 | 39.7 |

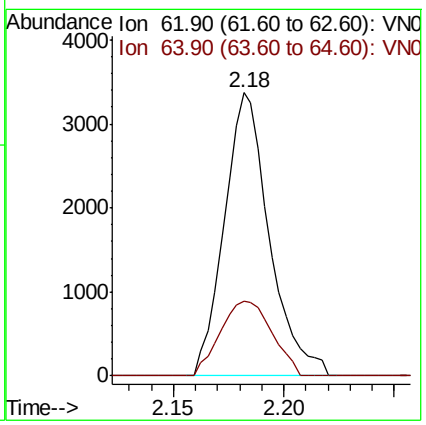


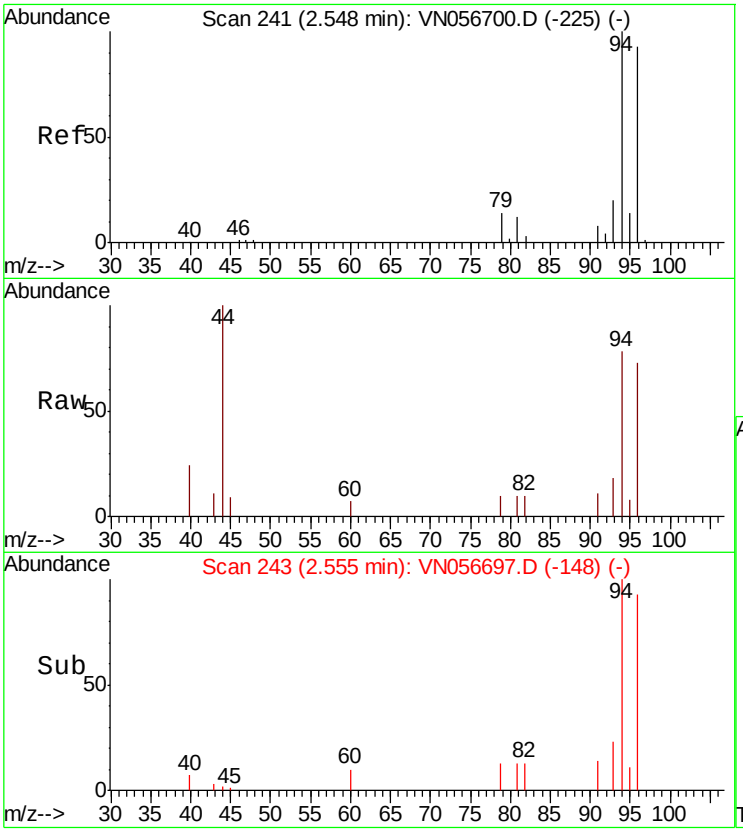




#4
Vinyl Chloride
Concen: 1.240 ug/l
RT: 2.18 min Scan# 127
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 62 Resp: 4775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 26.4 | 25.6 | 38.4 |



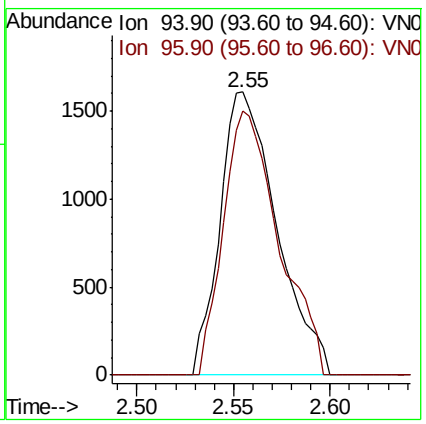


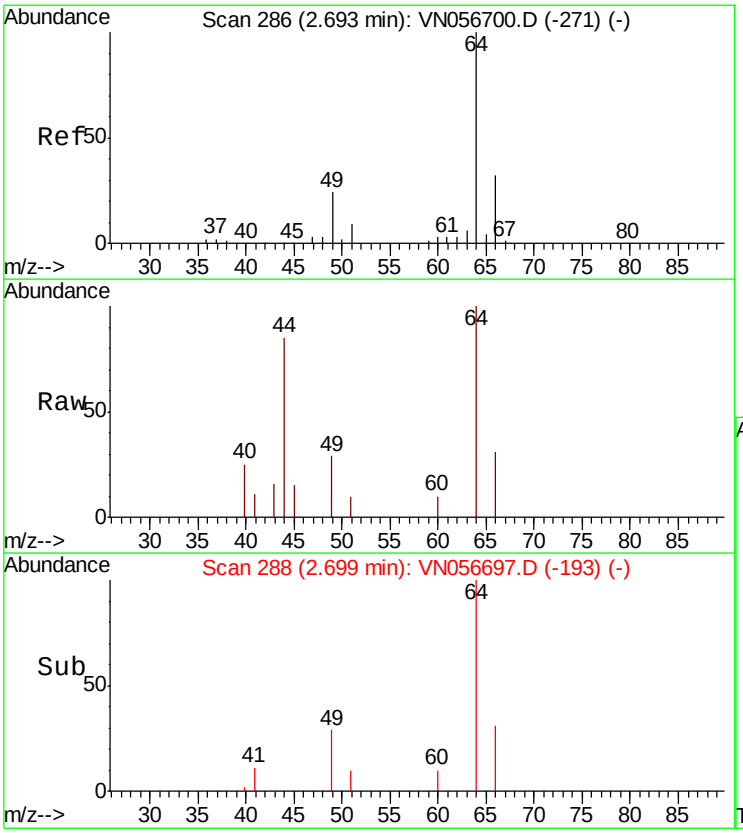

#5
Bromomethane
Concen: 1.466 ug/l
RT: 2.55 min Scan# 243
Delta R.T. 0.01 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 94 Resp: 3284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 93.5 | 74.0 | 111.0 |

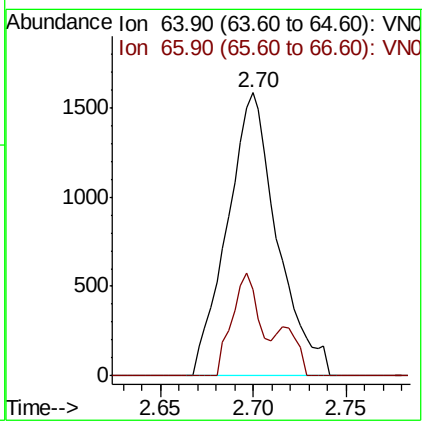


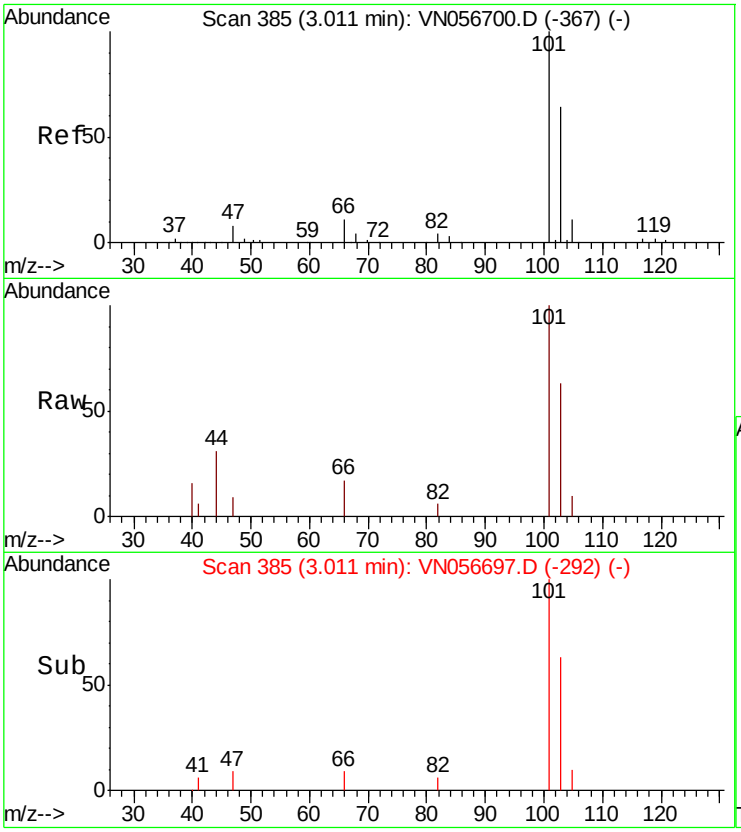




#6
Chloroethane
Concen: 1.332 ug/l
RT: 2.70 min Scan# 288
Delta R.T. 0.01 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 64 Resp: 2960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 30.6 | 25.8 | 38.8 |



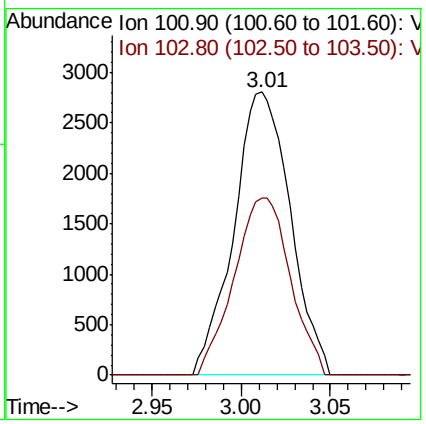


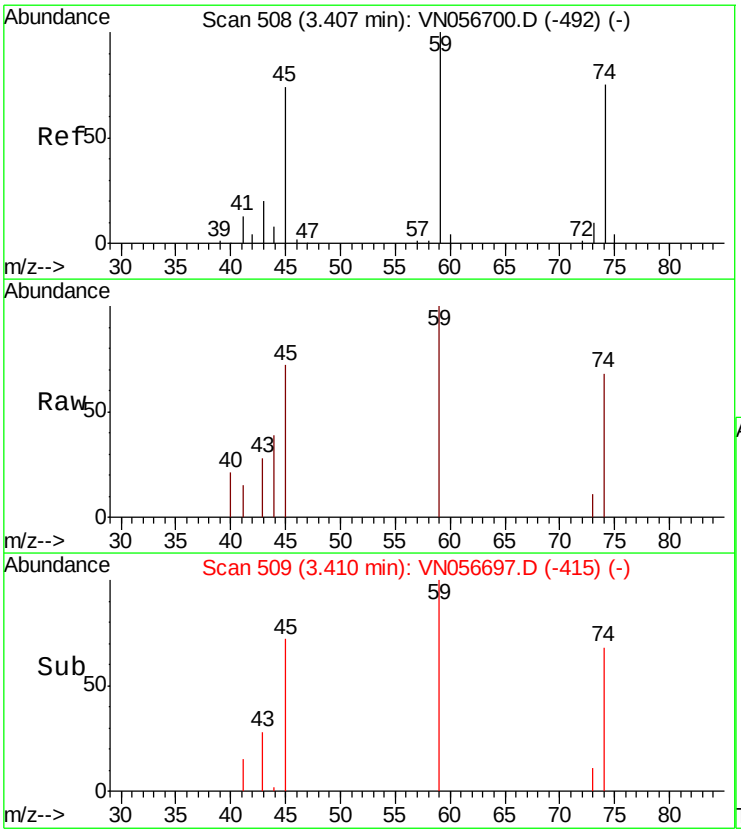

#7
Trichlorofluoromethane
Concen: 1.246 ug/l
RT: 3.01 min Scan# 385
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:101 Resp: 6202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 62.8 | 51.5 | 77.3 |

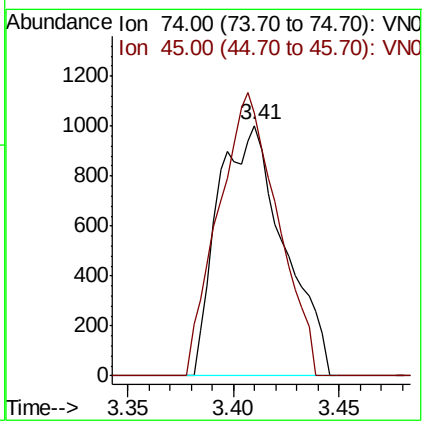


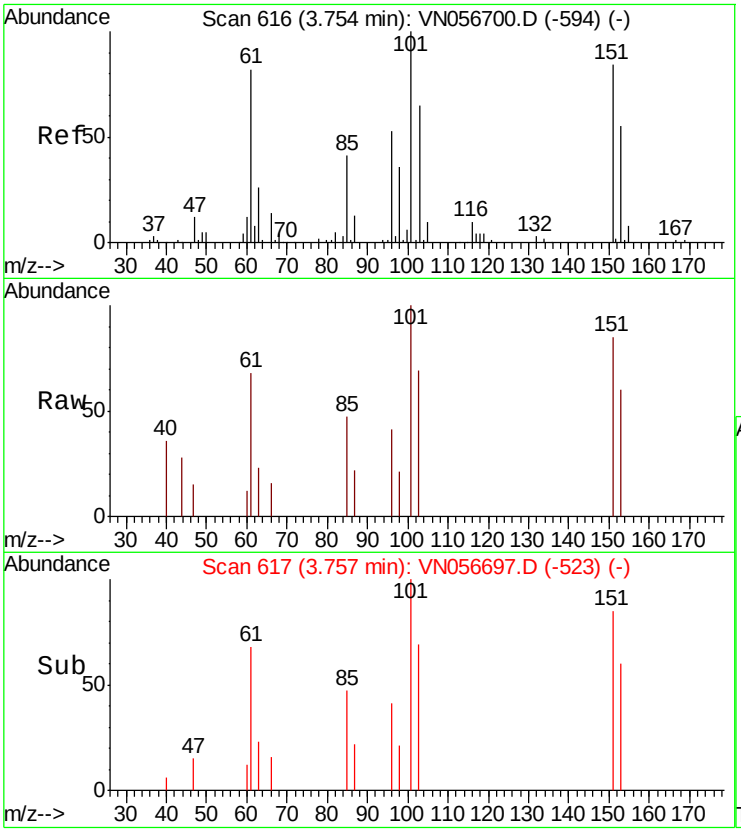




#8
Diethyl Ether
Concen: 1.040 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 74 Resp: 2180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 101.2 | 49.4 | 148.2 |



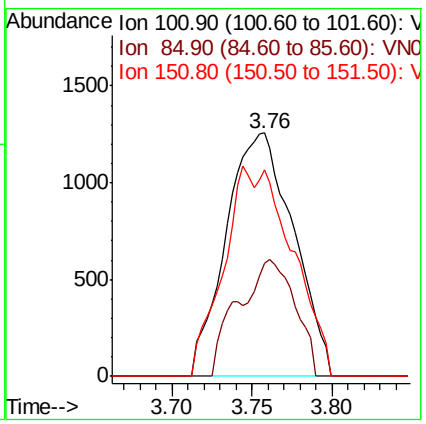


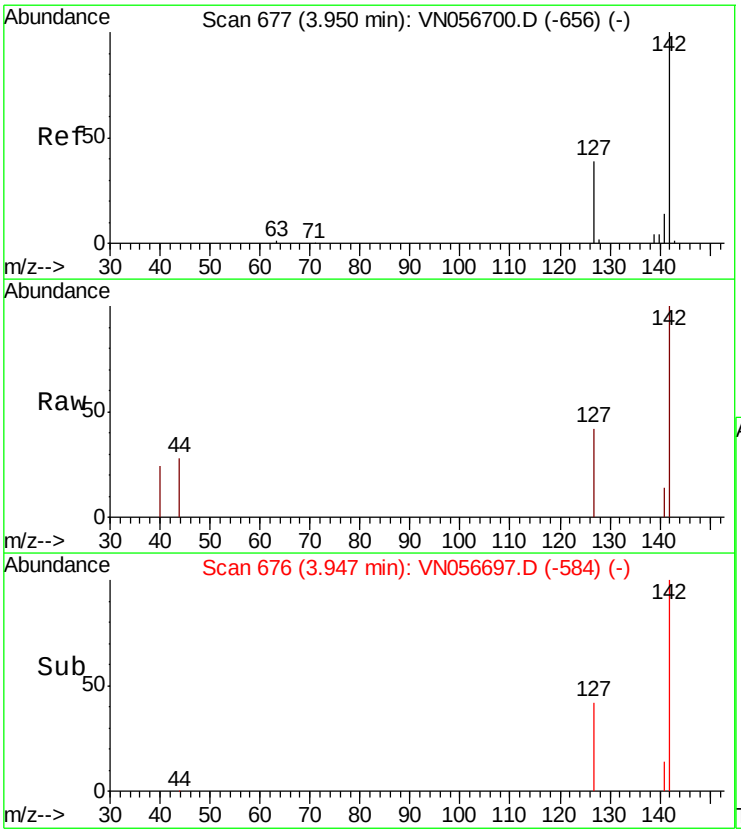

#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.151 ug/l
RT: 3.76 min Scan# 617
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:101 Resp: 3636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 40.6 | 33.3 | 49.9 |
| 151 | 40.0 | 67.0 | 100.6# |

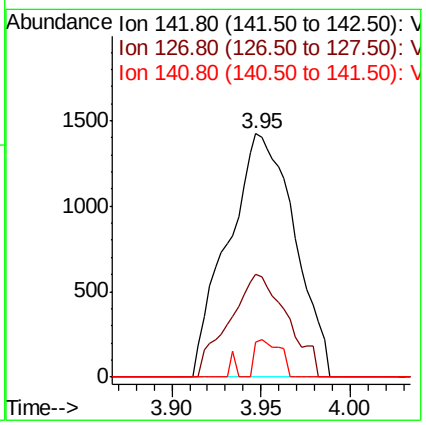


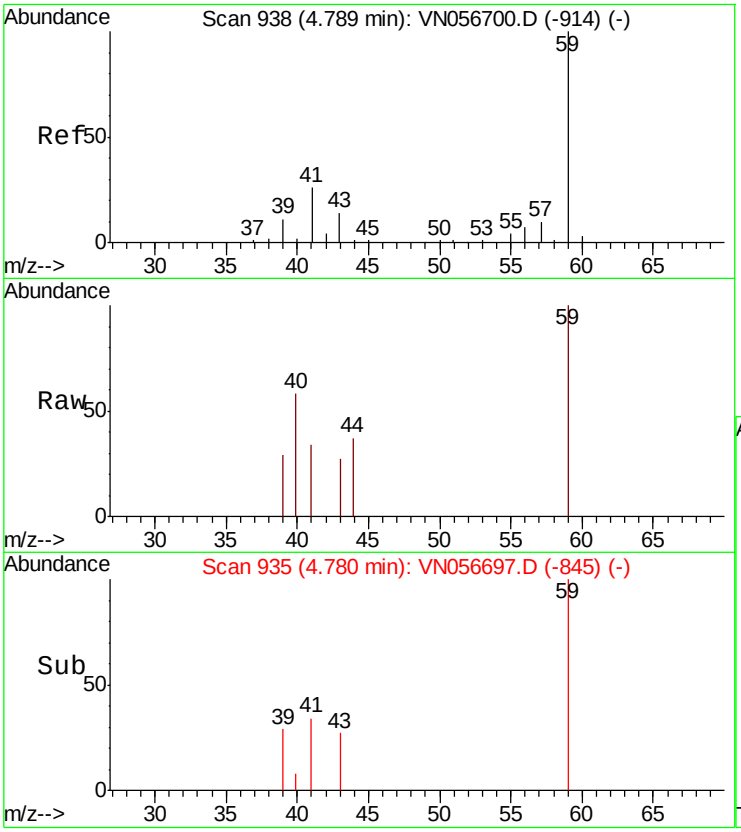




#10
Methyl Iodide
Concen: 0.872 ug/l
RT: 3.95 min Scan# 676
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion:142 Resp: 3703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 36.9 | 30.7 | 46.1 |
| 141 | 5.9 | 11.3 | 16.9# |



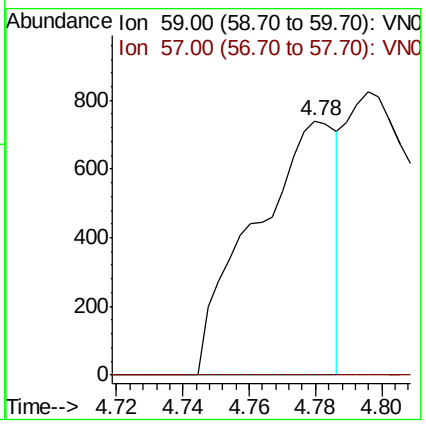


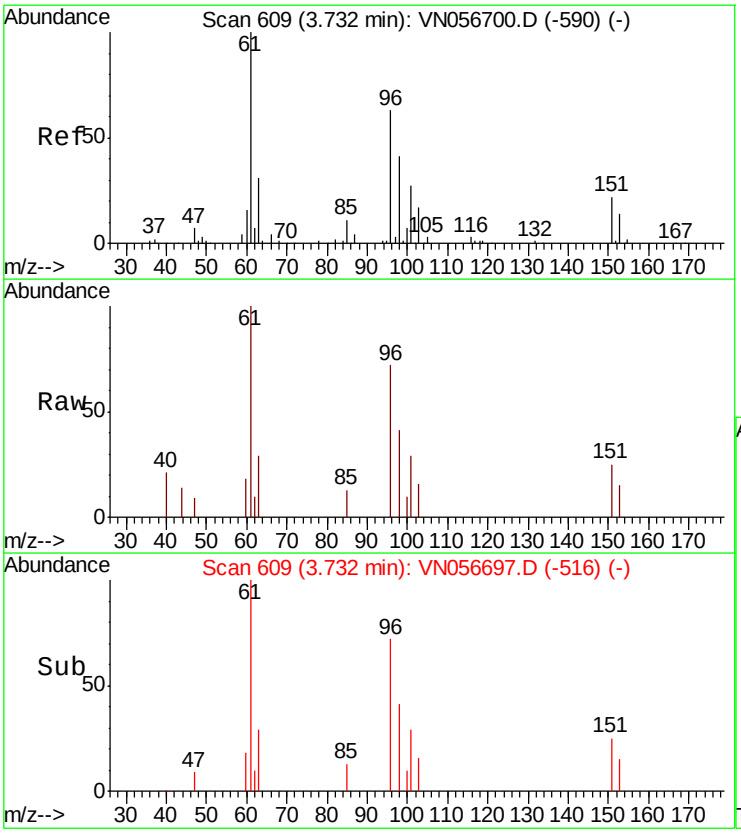

#11
Tert butyl alcohol
Concen: 2.003 ug/l
RT: 4.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion: 59 Resp: 1278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.0 | 12.0# |

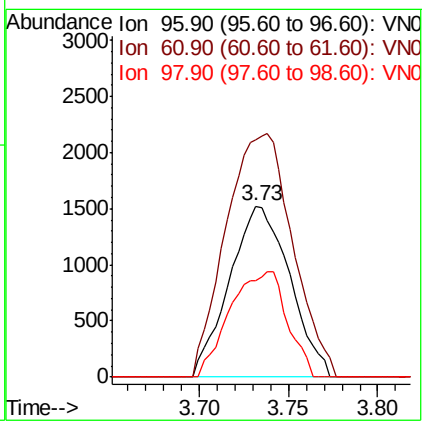


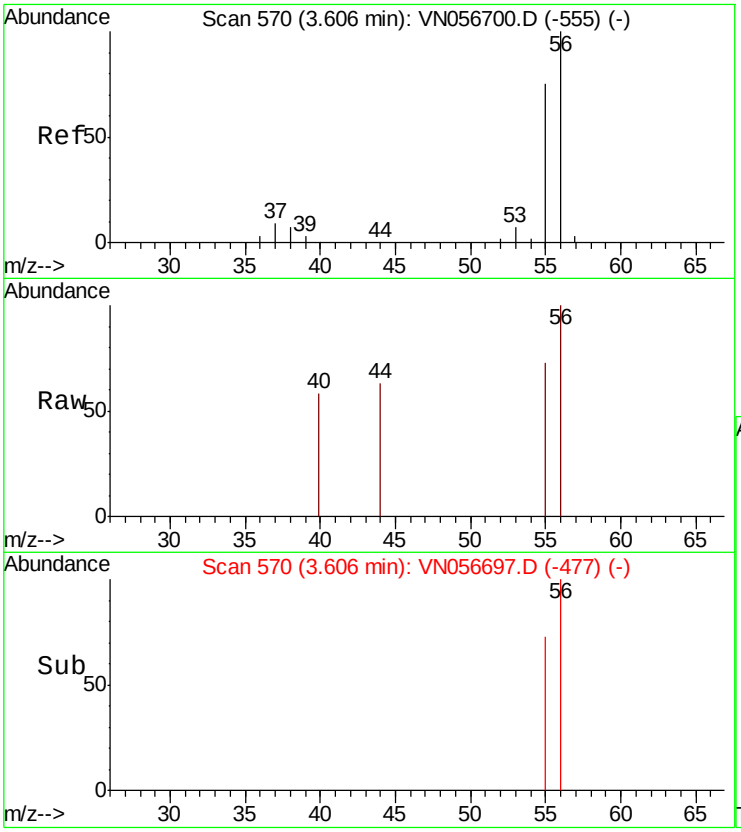




#12
1,1-Dichloroethene
Concen: 1.177 ug/l
RT: 3.73 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 96 Resp: 3582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 138.1 | 126.6 | 189.8 |
| 98 | 56.3 | 51.4 | 77.2 |



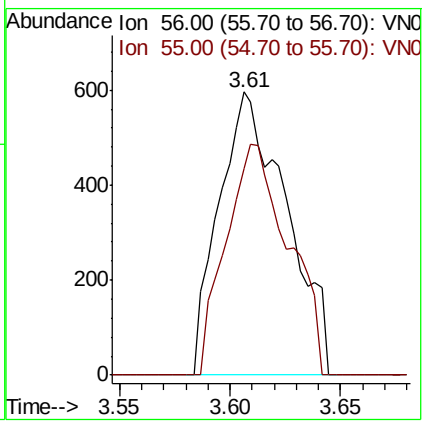


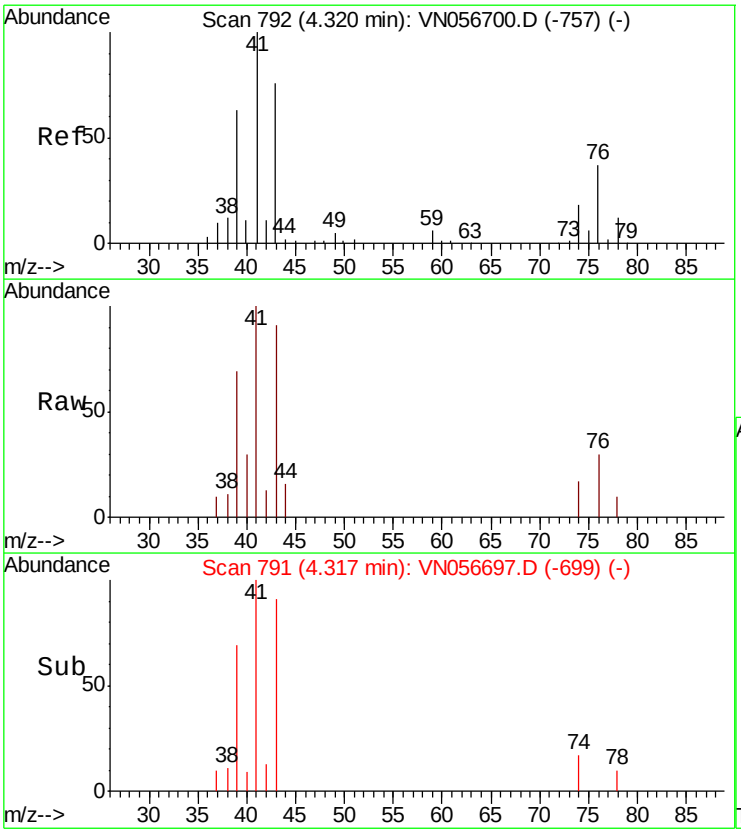

#13
Acrolein
Concen: 2.673 ug/l
RT: 3.61 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 56 Resp: 1263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 75.5 | 58.0 | 87.0 |

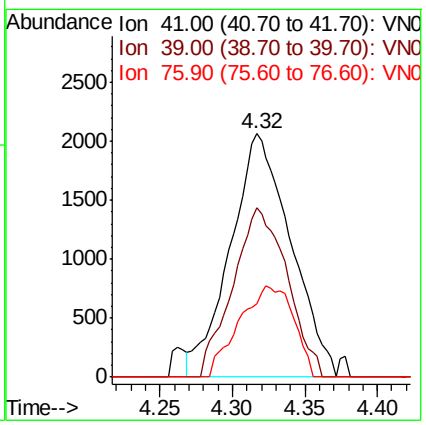


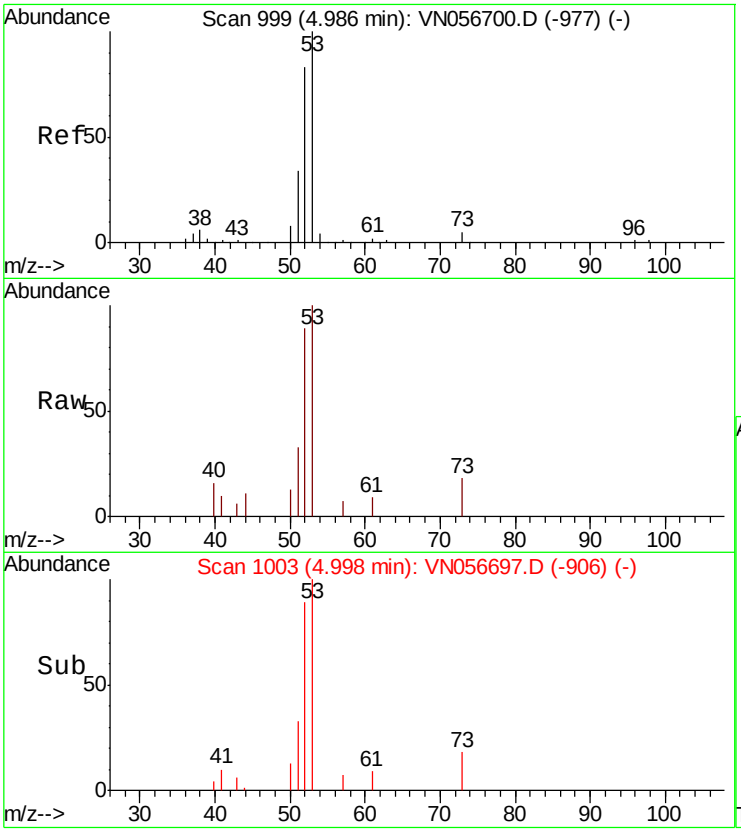




#14
Allyl chloride
Concen: 1.171 ug/l
RT: 4.32 min Scan# 791
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 41 Resp: 5983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 62.5 | 46.9 | 70.3 |
| 76 | 33.6 | 26.5 | 39.7 |



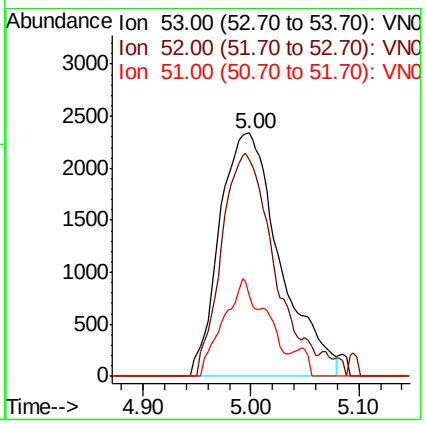


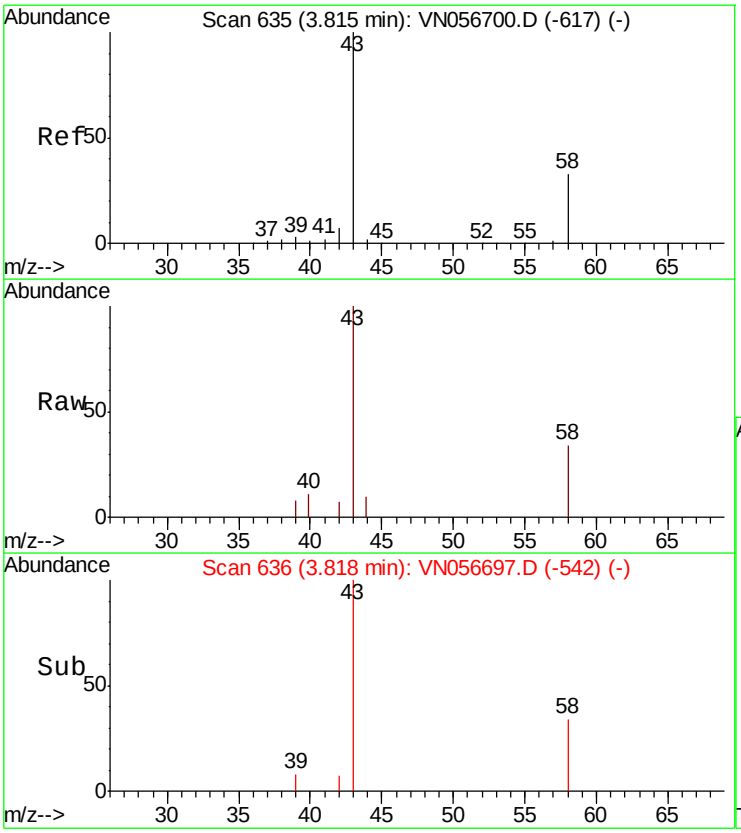

#15
Acrylonitrile
Concen: 5.102 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. 0.01 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 53 Resp: 9088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 79.4 | 66.6 | 99.8 |
| 51 | 28.8 | 28.4 | 42.6 |

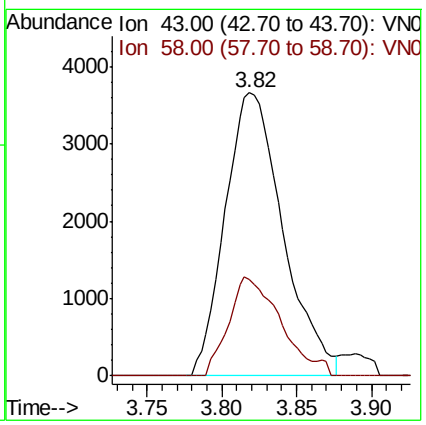


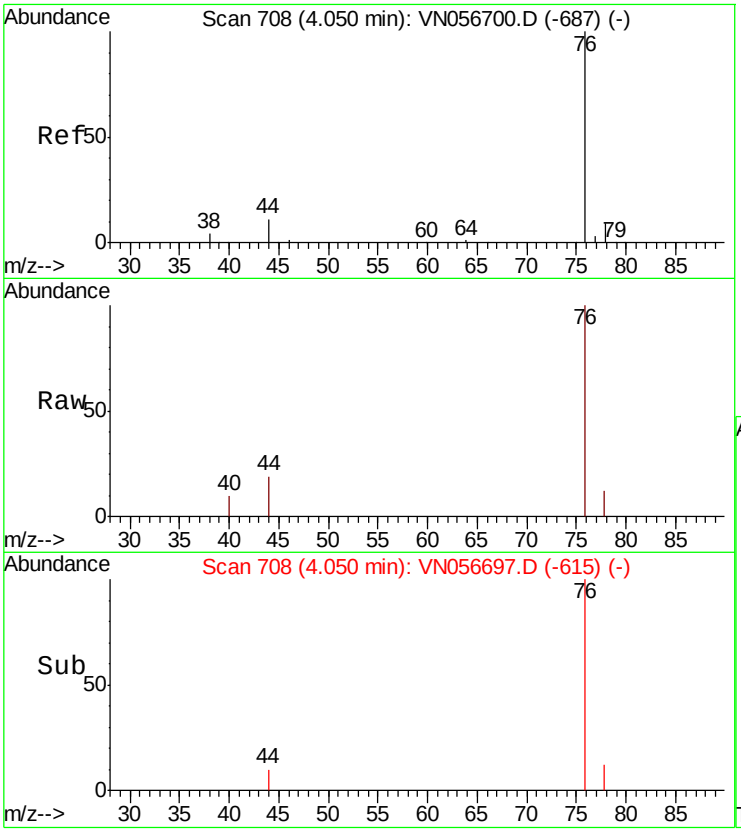




#16
Acetone
Concen: 5.251 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 43 Resp: 9859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.1 | 26.7 | 40.1 |



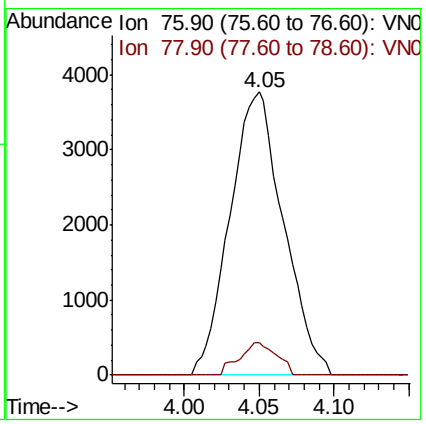


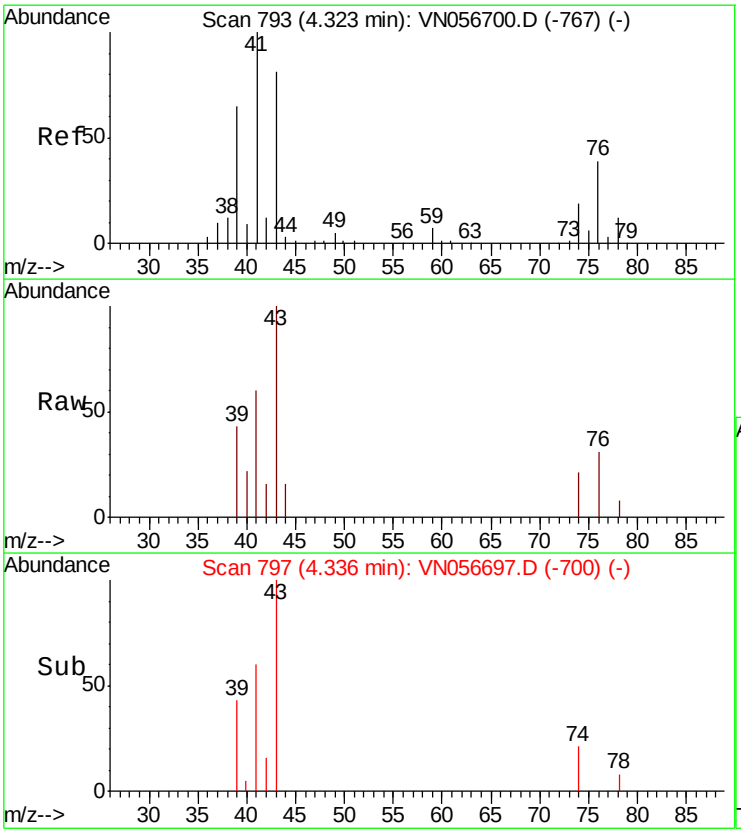

#17
Carbon Disulfide
Concen: 1.323 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 76 Resp: 9396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 11.5 | 7.4 | 11.0# |

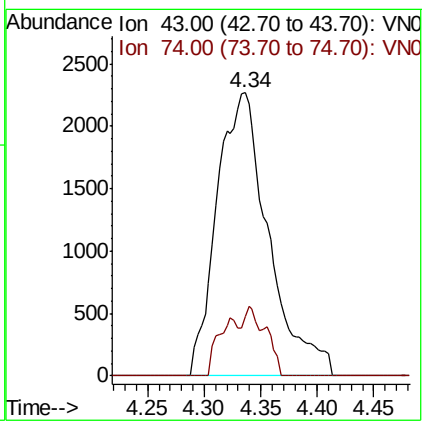


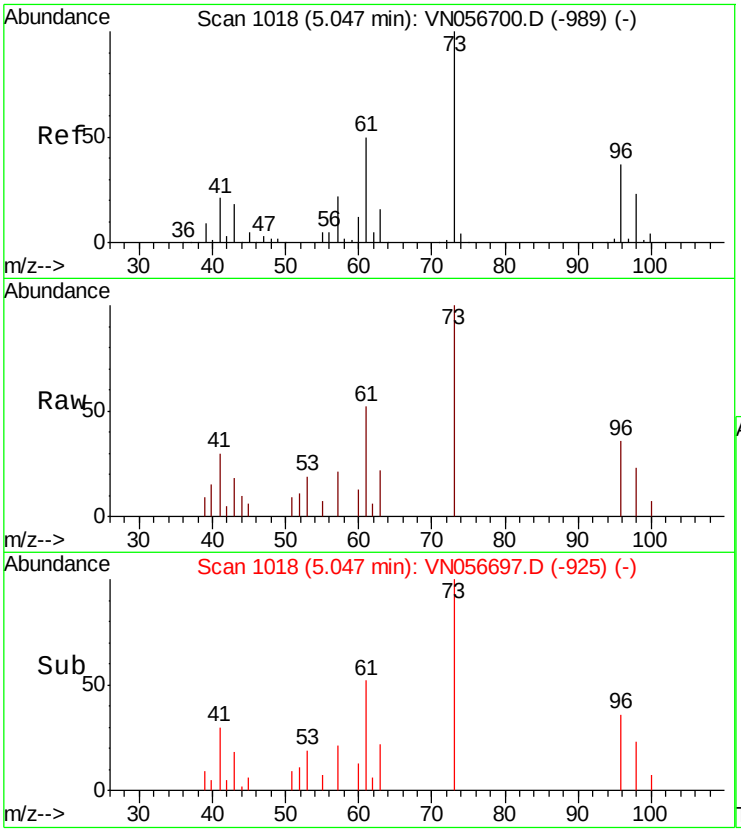




#18
Methyl Acetate
Concen: 1.500 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 43 Resp: 7218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 10.3 | 18.9 | 28.3# |



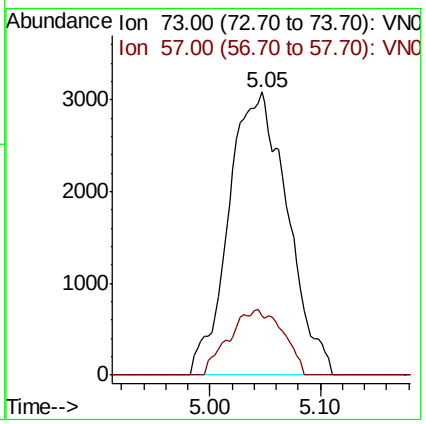


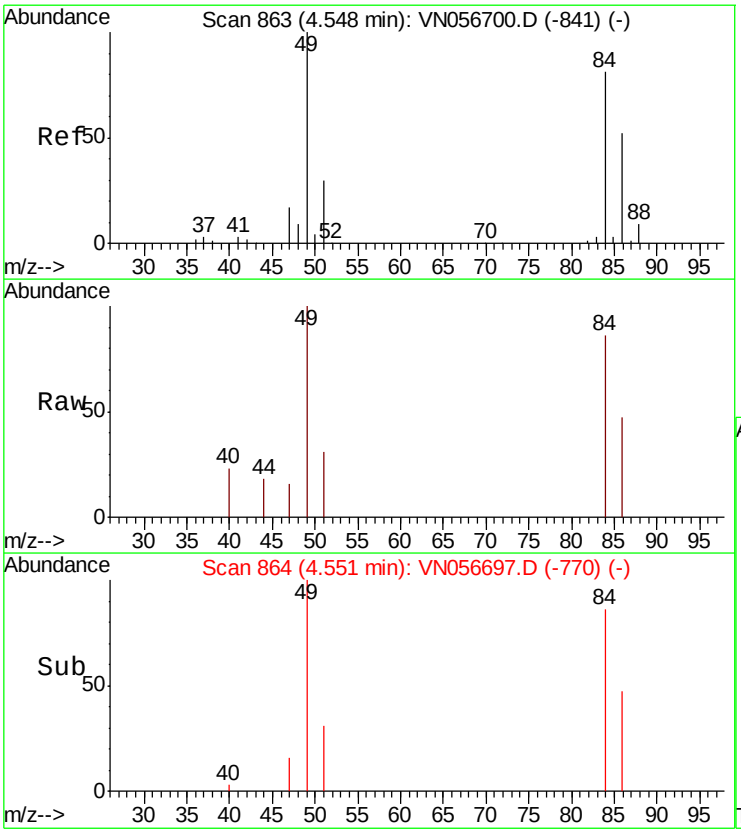

#19
Methyl tert-butyl Ether
Concen: 1.131 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 73 Resp: 11368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 21.1 | 17.9 | 26.9 |

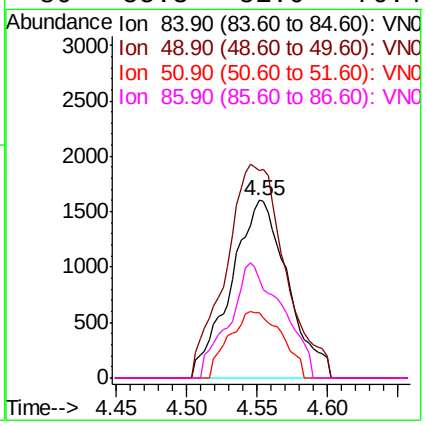


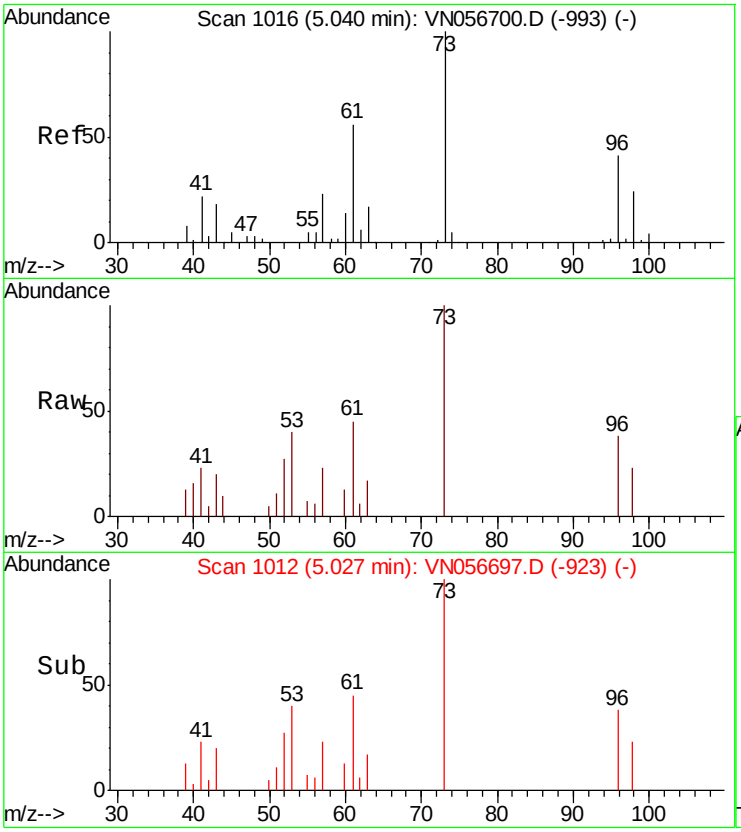




#20
Methylene Chloride
Concen: 1.148 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 84 Resp: 4504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 116.5 | 98.2 | 147.4 |
| 51 | 36.6 | 29.6 | 44.4 |
| 86 | 55.3 | 51.0 | 76.4 |



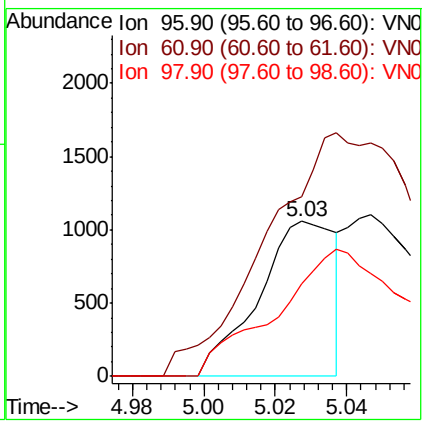


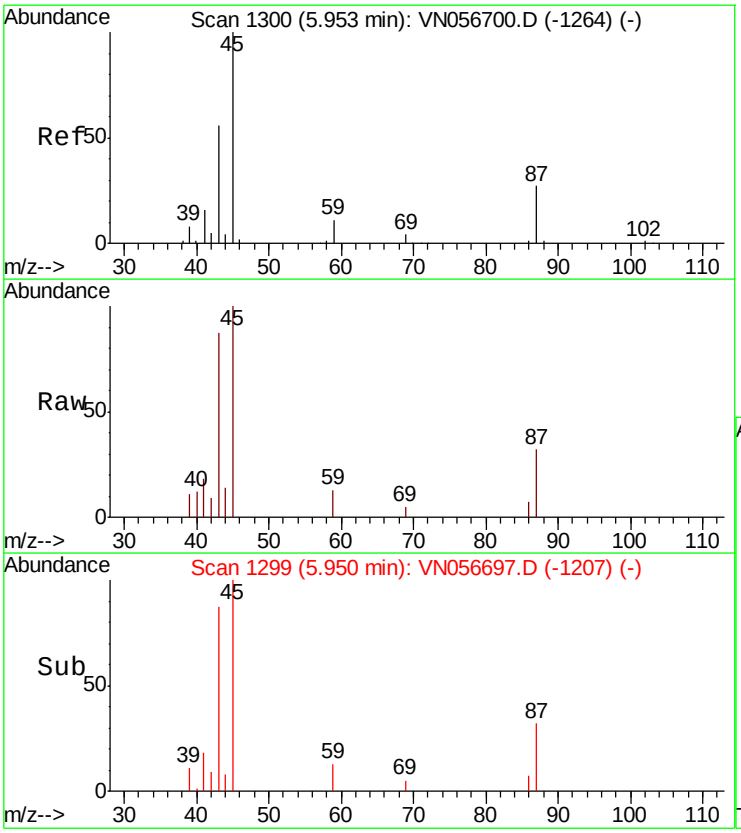

#21
trans-1,2-Dichloroethene
Concen: 0.480 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 96 Resp: 1578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 98.6 | 109.4 | 164.2# |
| 98 | 59.9 | 48.0 | 72.0 |

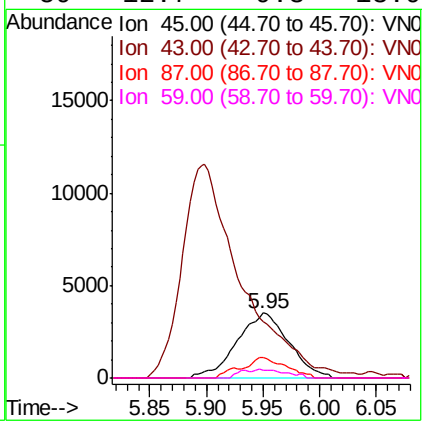


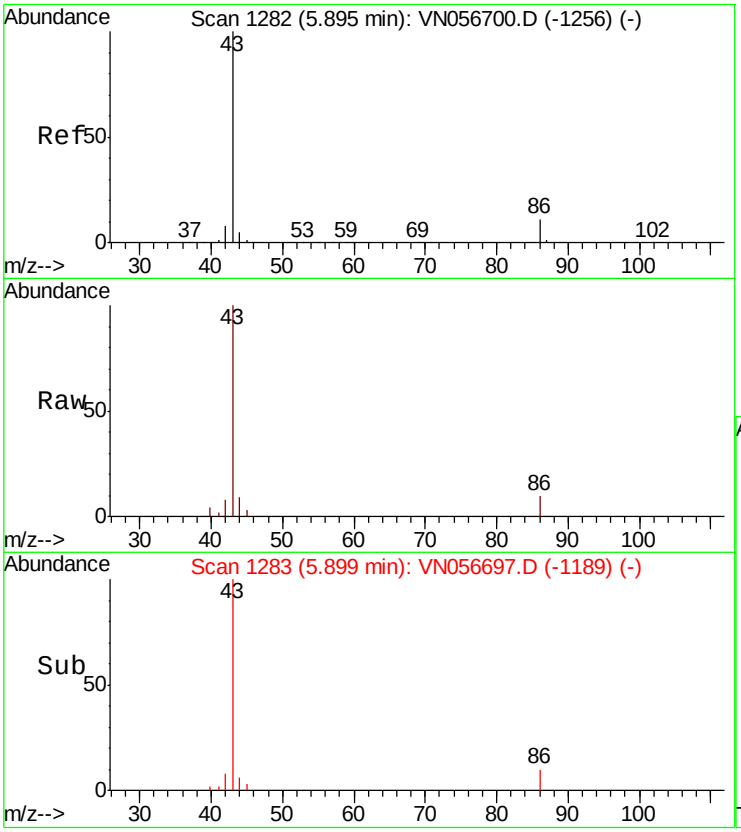




#22
Diisopropyl ether
Concen: 1.052 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 45 Resp: 11234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 78.1 | 45.6 | 68.4# |
| 87 | 31.8 | 22.0 | 33.0 |
| 59 | 12.7 | 9.3 | 13.9 |



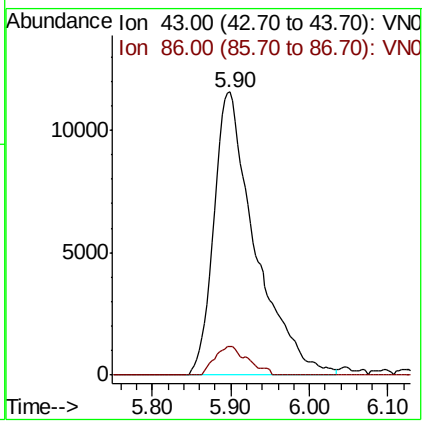


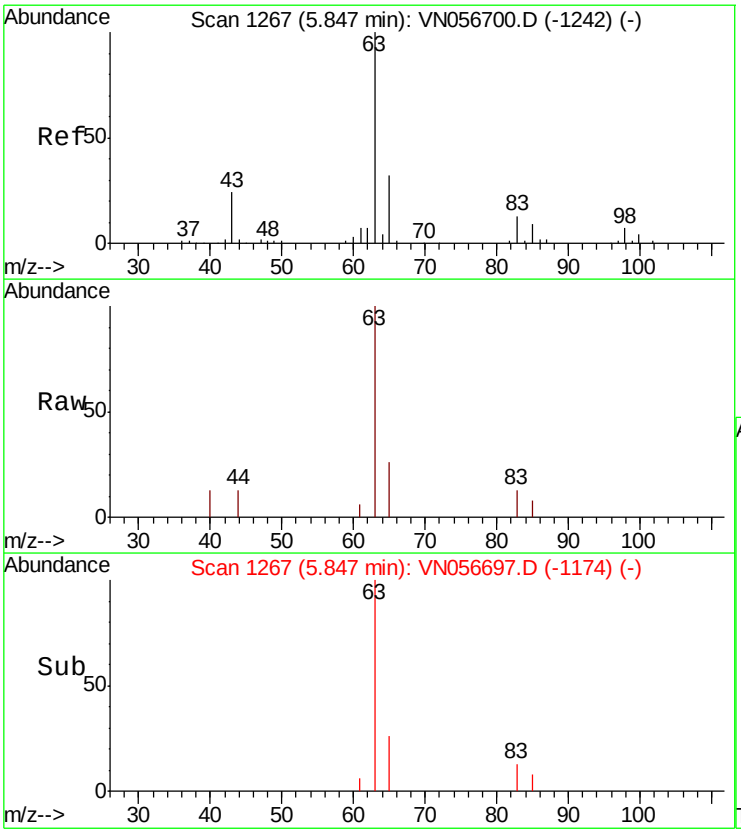

#23
Vinyl Acetate
Concen: 5.009 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion: 43 Resp: 42202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.2 | 8.5 | 12.7 |

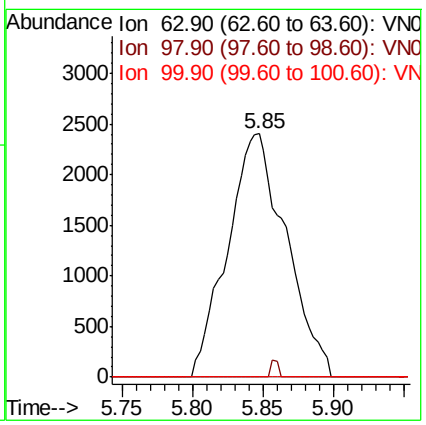


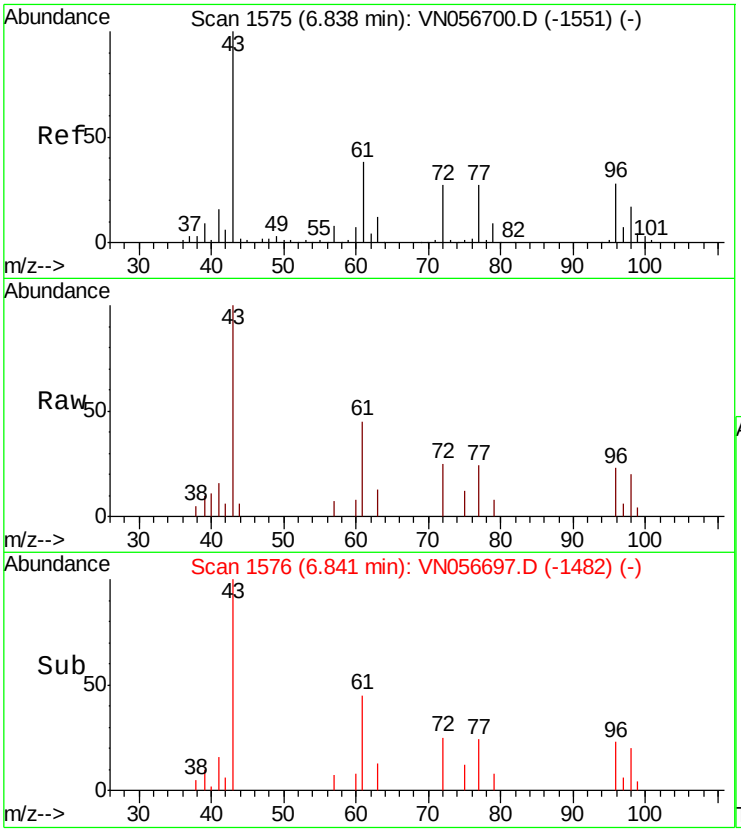




#24
1,1-Dichloroethane
Concen: 1.138 ug/l
RT: 5.85 min Scan# 1267
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 63 Resp: 6964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 0.0 | 3.3 | 9.9# |
| 100 | 0.0 | 2.0 | 5.8# |



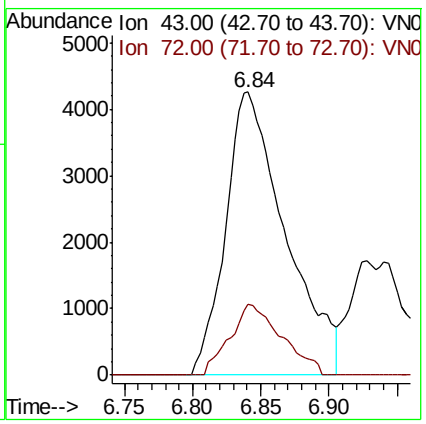


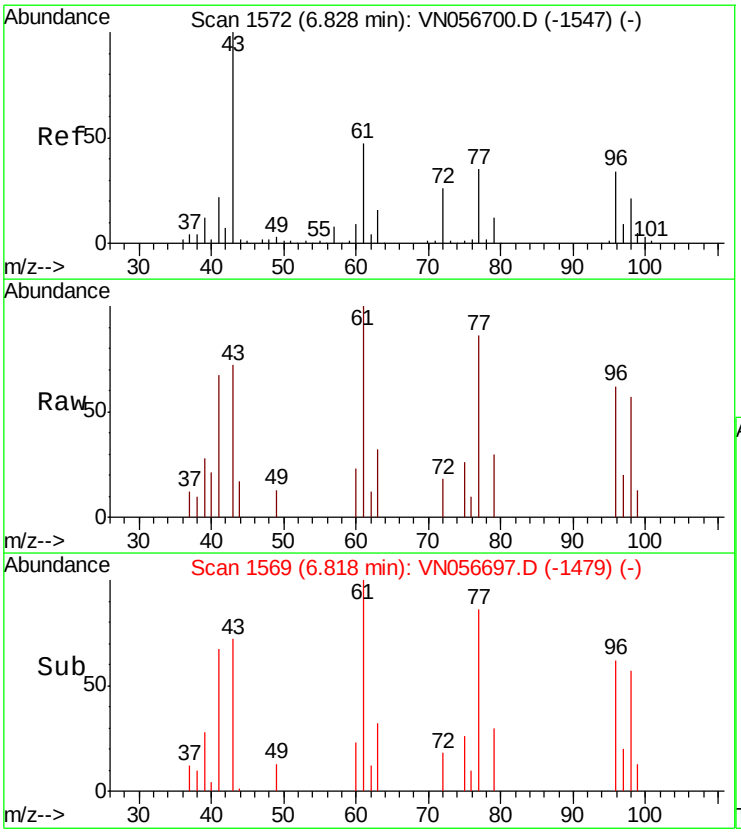

#25
2-Butanone
Concen: 5.149 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 43 Resp: 12971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 25.0 | 21.2 | 31.8 |

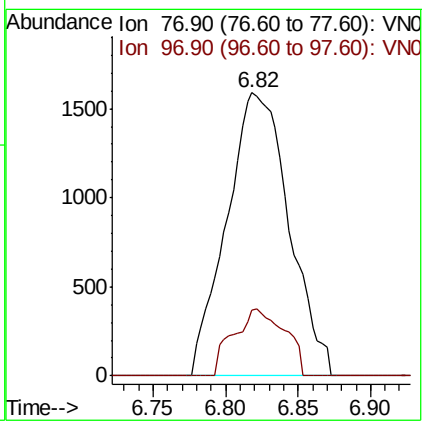


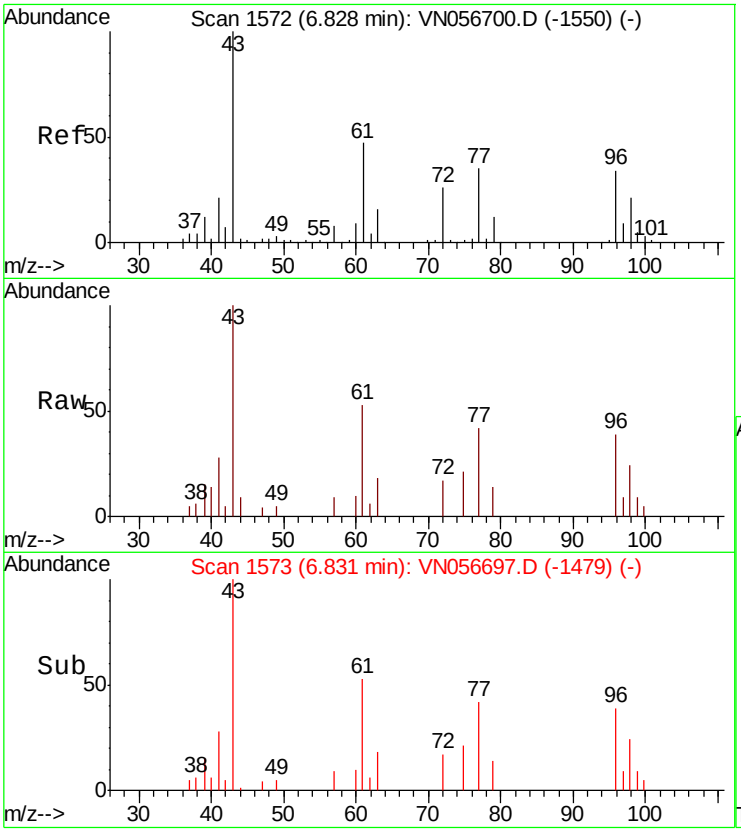




#26
2,2-Dichloropropane
Concen: 1.108 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 77 Resp: 4759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 19.5 | 12.2 | 36.6 |



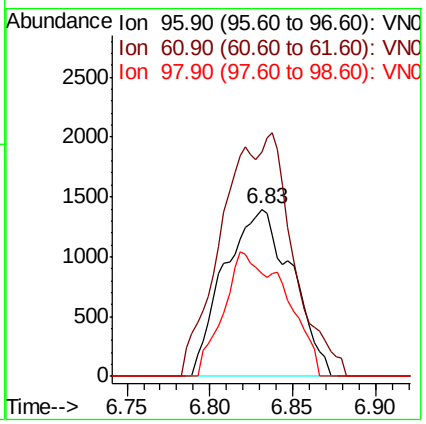


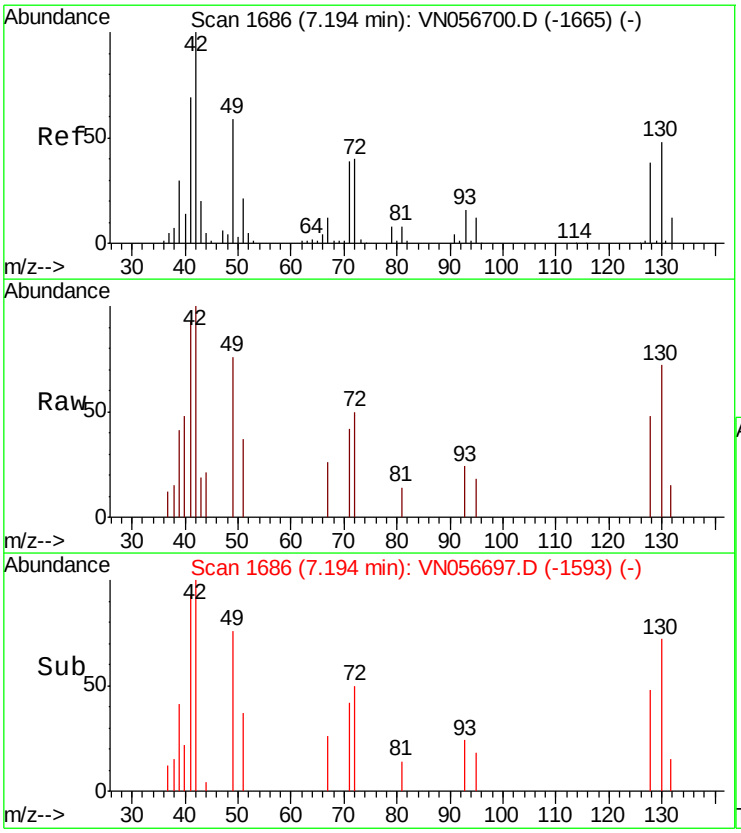

#27
cis-1,2-Dichloroethene
Concen: 1.035 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 96 Resp: 3967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 79.1 | 0.0 | 281.4 |
| 98 | 43.7 | 0.0 | 127.8 |

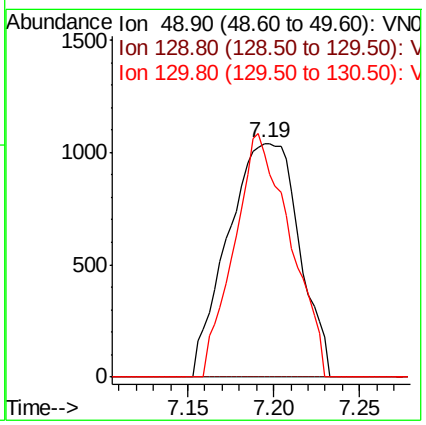


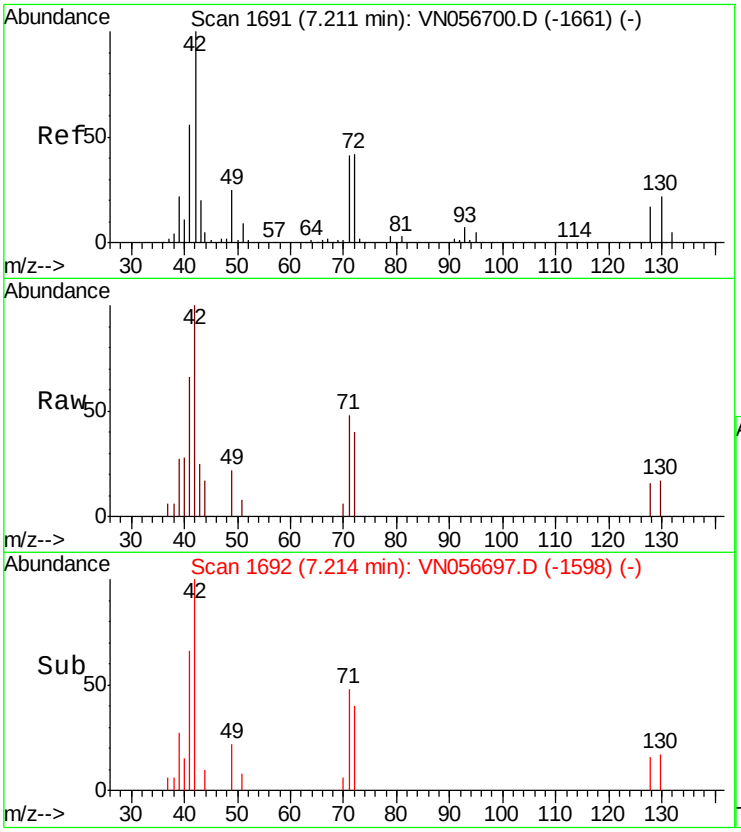




#28
Bromochloromethane
Concen: 1.000 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 49 Resp: 3003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.0 | 0.0 | 4.0 |
| 130 | 81.8 | 64.7 | 97.1 |



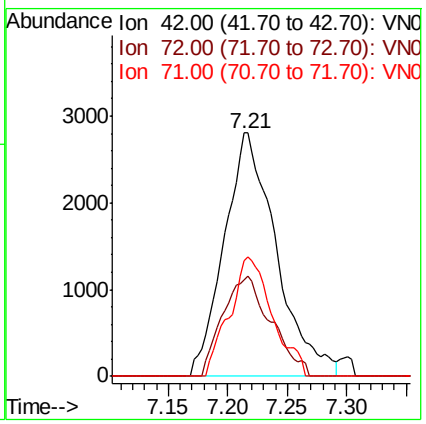


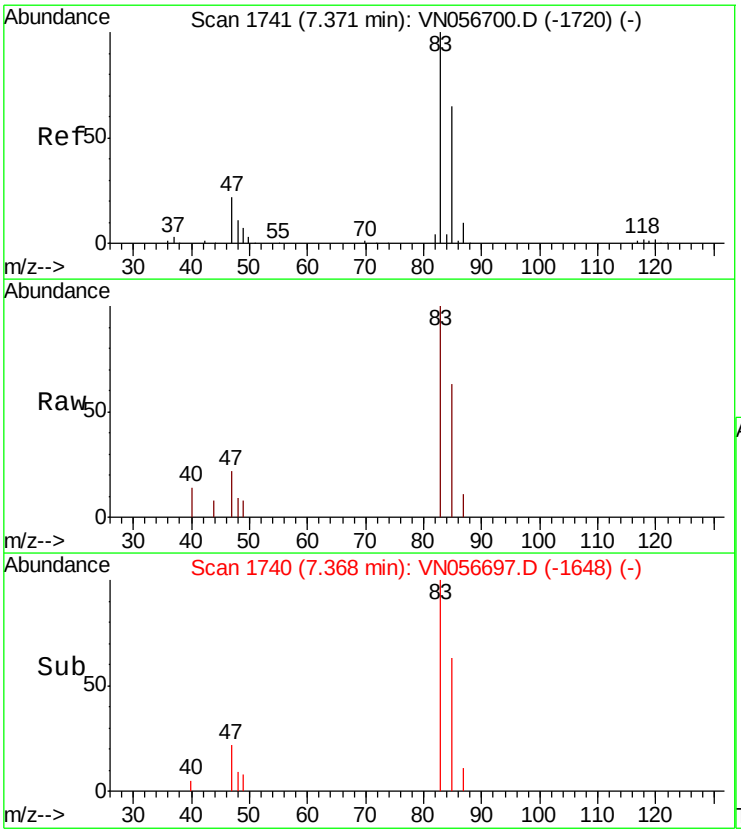

#29
Tetrahydrofuran
Concen: 5.464 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 42 Resp: 8536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 38.2 | 33.5 | 50.3 |
| 71 | 40.2 | 31.8 | 47.8 |

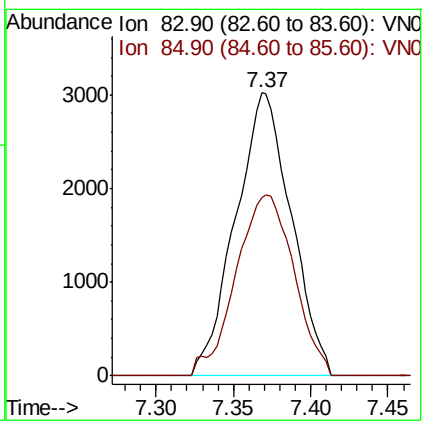


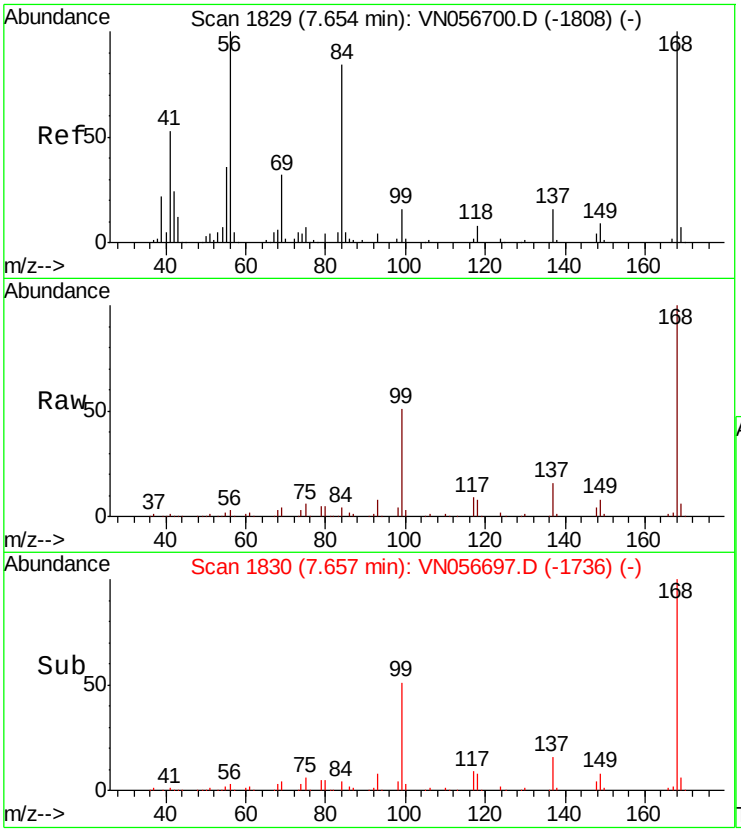




#30
Chloroform
Concen: 1.256 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 83 Resp: 7571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.8 | 51.9 | 77.9 |



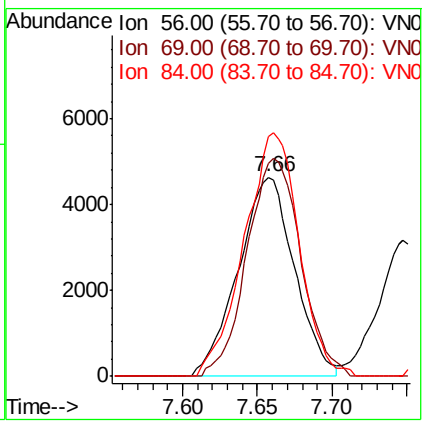


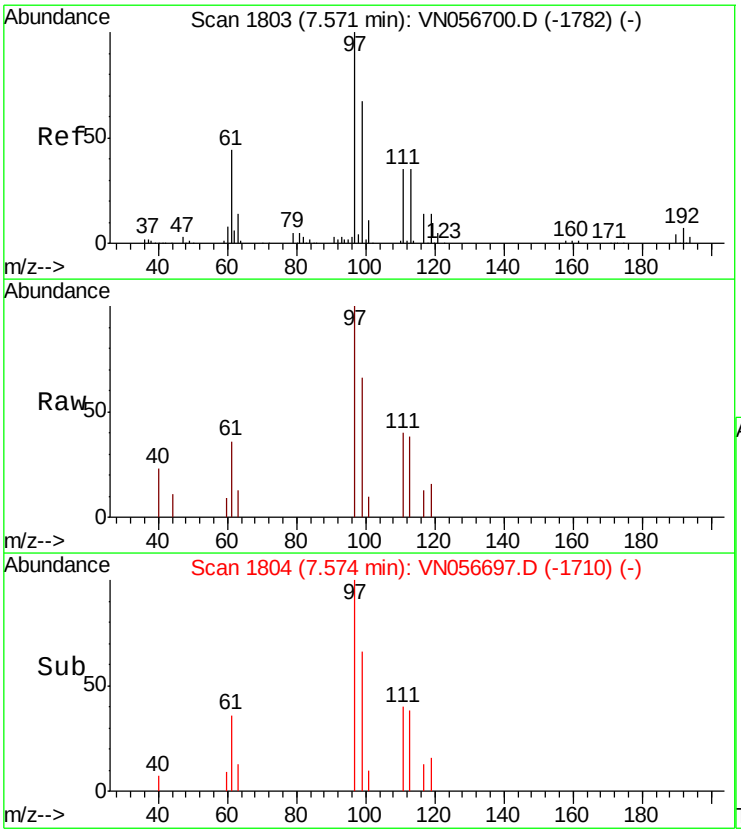

#31
Cyclohexane
Concen: 2.038 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 56 Resp: 12106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 107.0 | 25.8 | 38.8# |
| 84 | 120.5 | 67.4 | 101.0# |

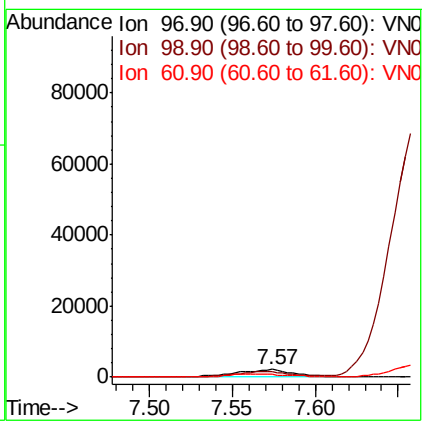


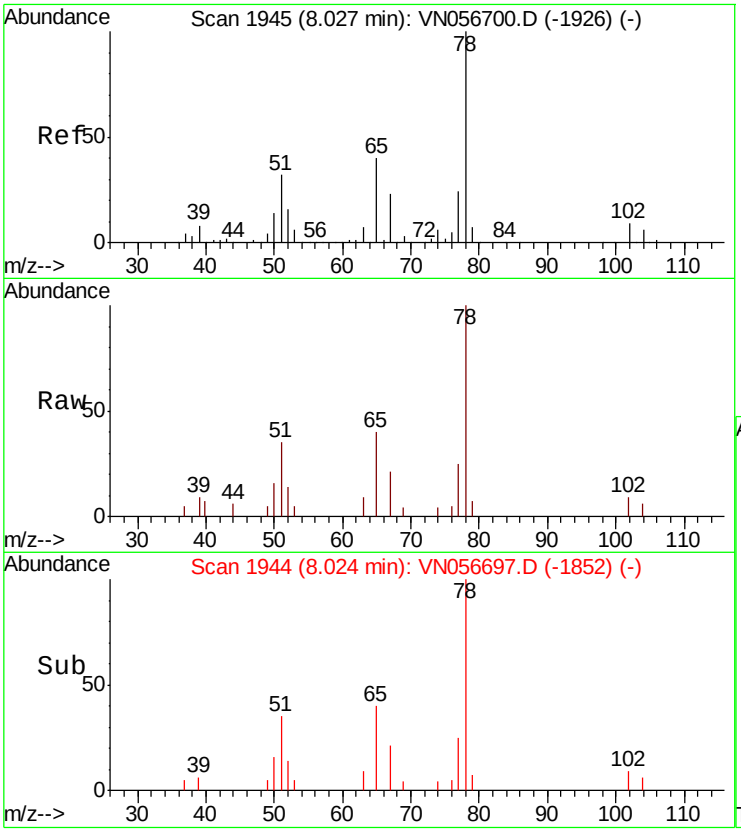




#32
1,1,1-Trichloroethane
Concen: 1.082 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 97 Resp: 5186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 0.0 | 52.0 | 78.0# |
| 61 | 44.1 | 34.3 | 51.5 |



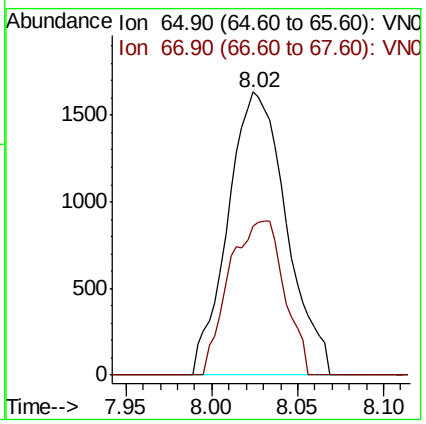


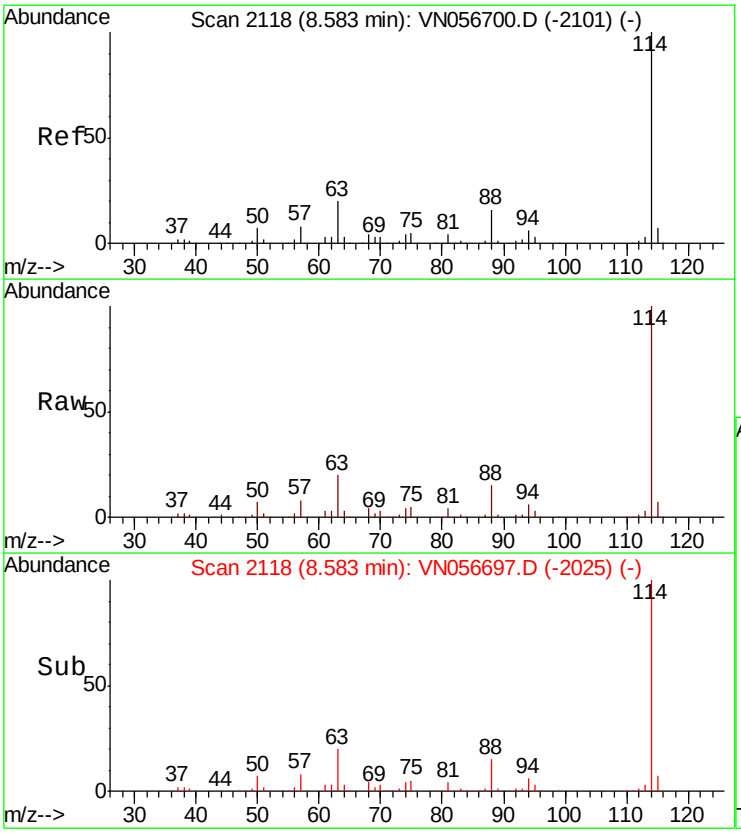

#33
1,2-Dichloroethane-d4
Concen: 1.023 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion: 65 Resp: 3877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.3 | 0.0 | 109.0 |

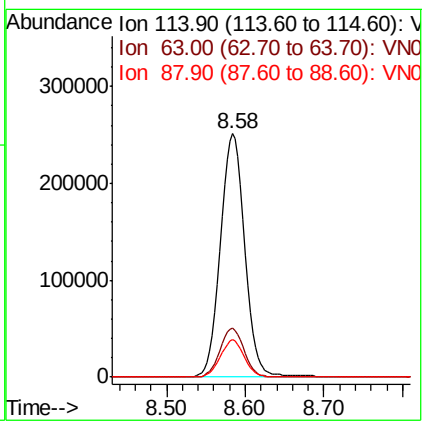


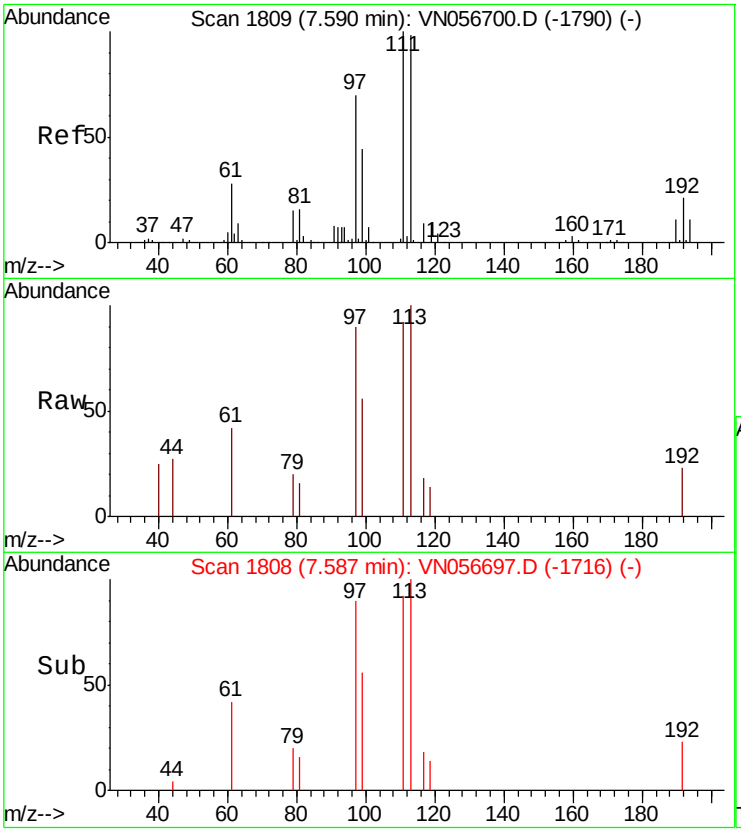




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion:114 Resp: 536385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.9 | 0.0 | 39.4 |
| 88 | 15.2 | 0.0 | 31.2 |



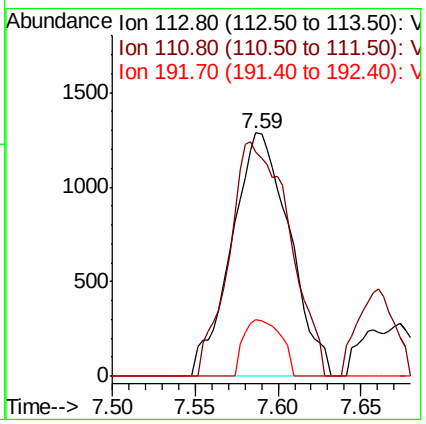


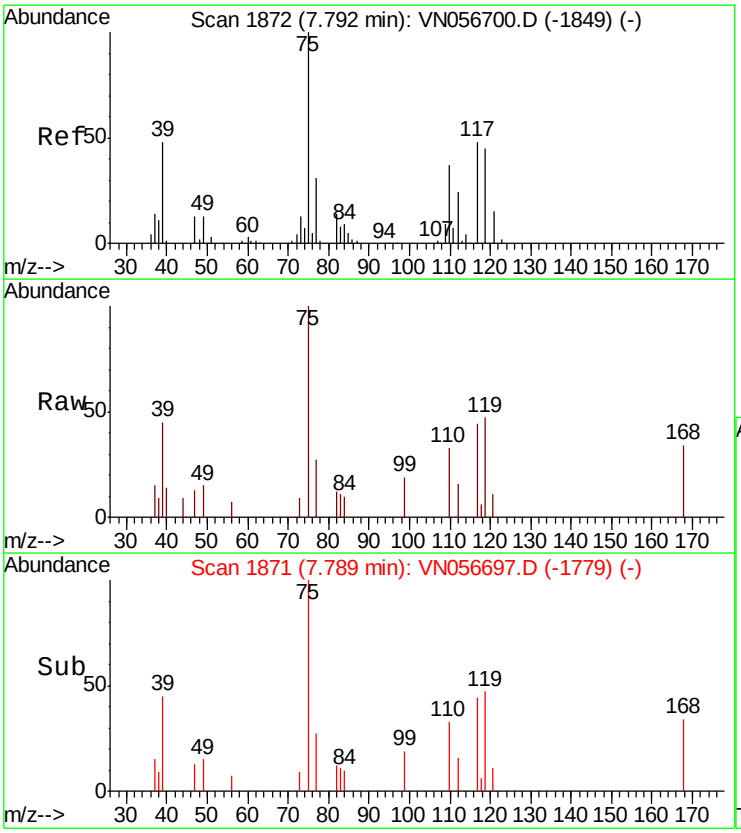

#35
Dibromofluoromethane
Concen: 0.937 ug/l
RT: 7.59 min Scan# 1808
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:113 Resp: 3122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 100.7 | 81.8 | 122.6 |
| 192 | 15.0 | 17.5 | 26.3# |

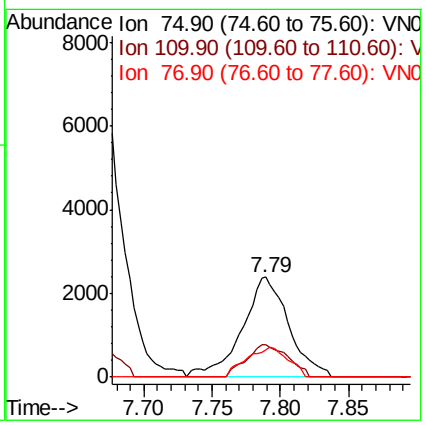


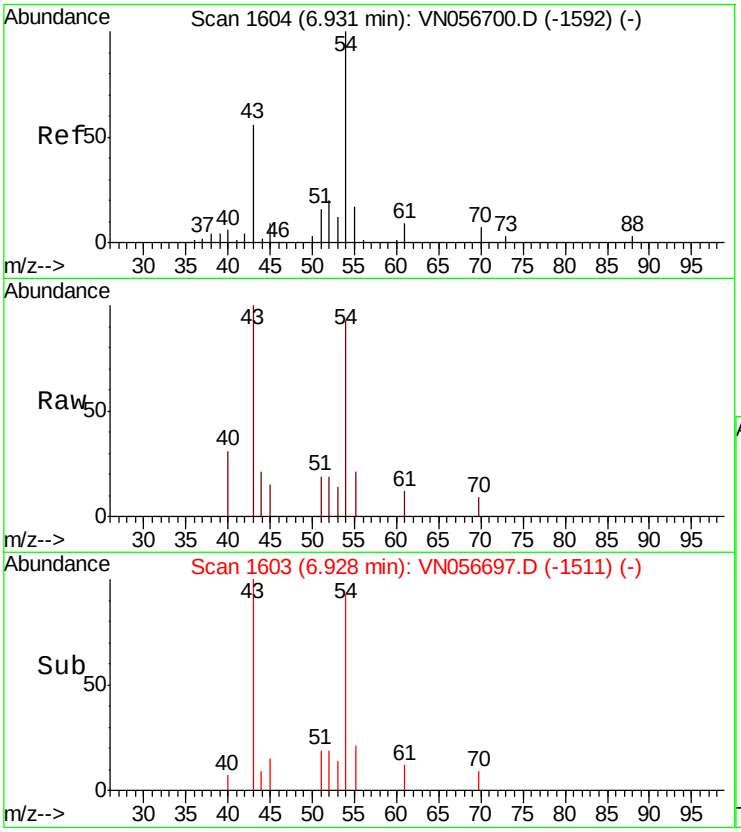




#36
1,1-Dichloropropene
Concen: 1.190 ug/l
RT: 7.79 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 75 Resp: 5653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 29.1 | 18.4 | 55.4 |
| 77 | 26.6 | 24.6 | 36.8 |



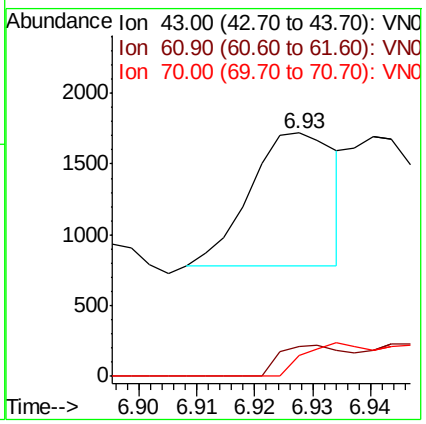


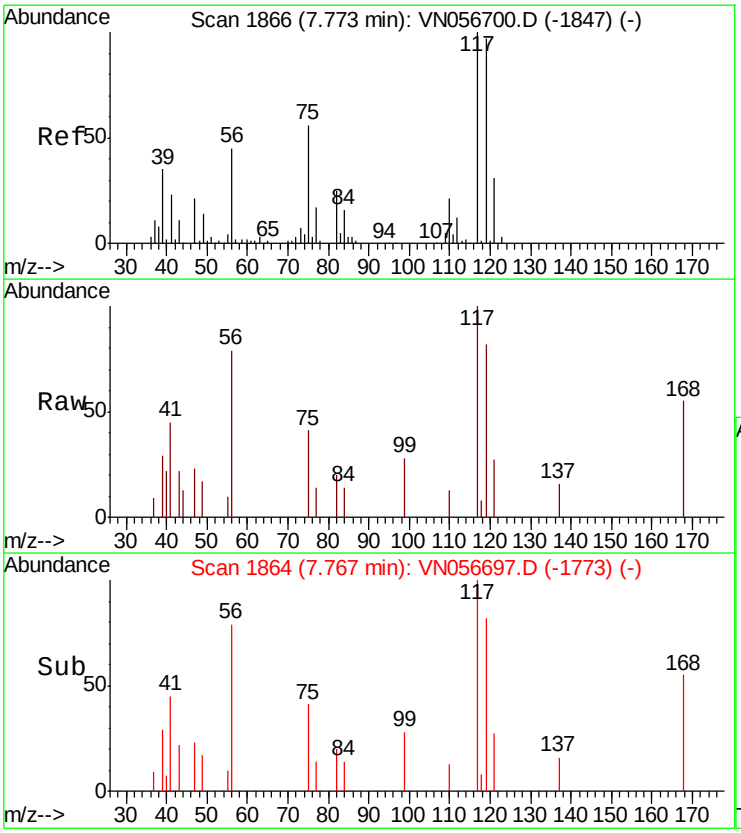

#37
Ethyl Acetate
Concen: 0.205 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion: 43 Resp: 957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 19.1 | 11.3 | 16.9# |
| 70 | 19.6 | 8.5 | 12.7# |

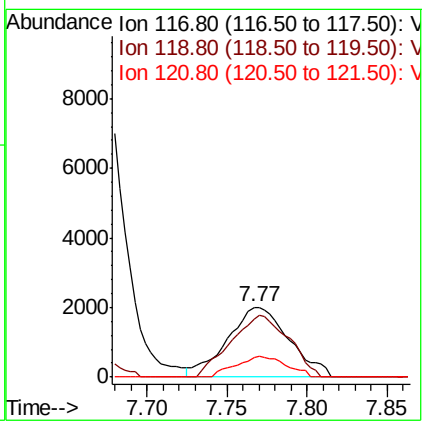


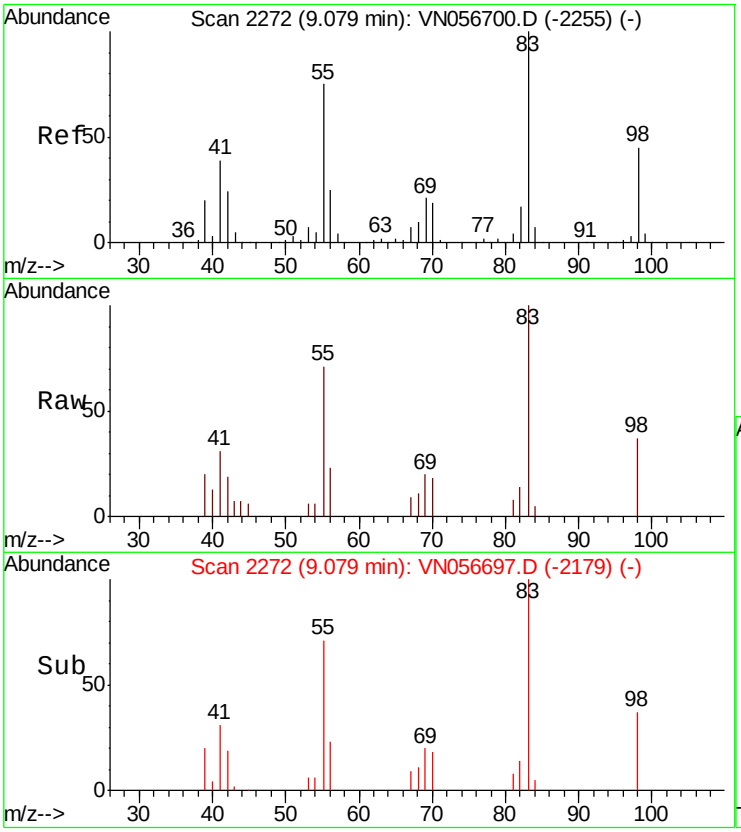




#38
Carbon Tetrachloride
Concen: 1.257 ug/l
RT: 7.77 min Scan# 1864
Delta R.T. -0.01 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion:117 Resp: 5290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 82.3 | 77.5 | 116.3 |
| 121 | 27.4 | 24.7 | 37.1 |



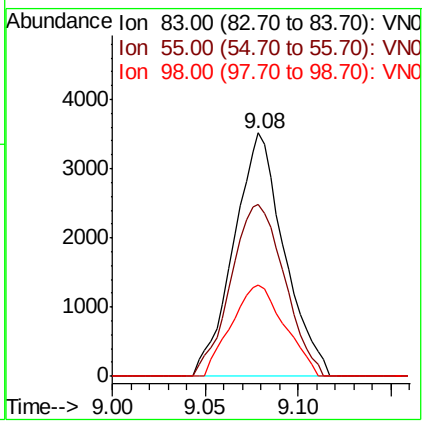


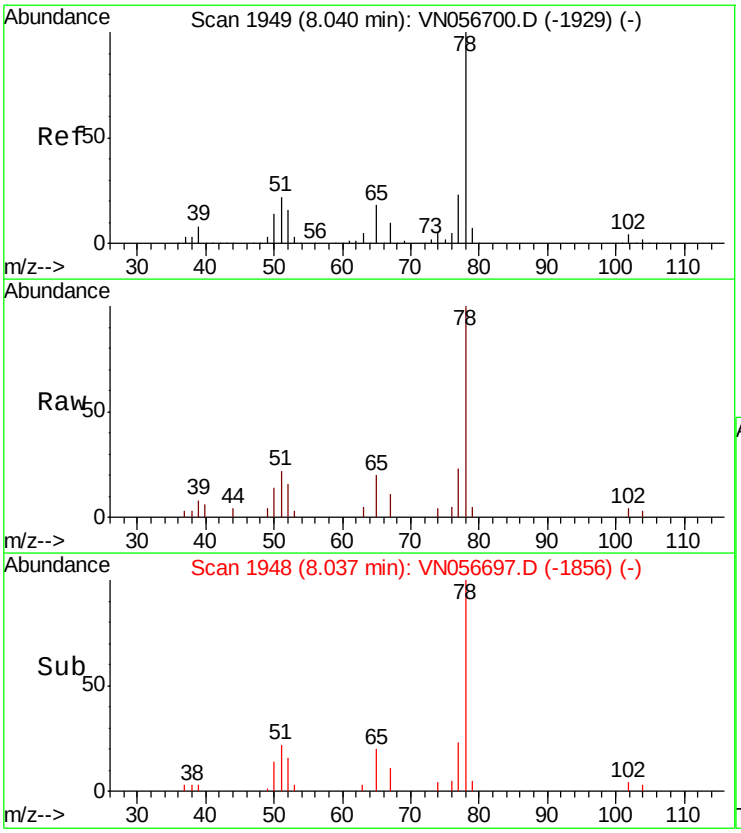

#39
Methylcyclohexane
Concen: 1.129 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 83 Resp: 6639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 70.6 | 60.4 | 90.6 |
| 98 | 37.3 | 35.8 | 53.8 |

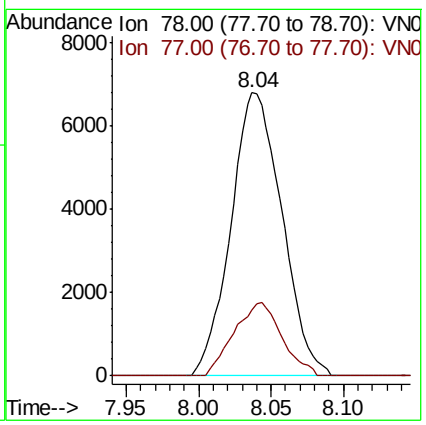


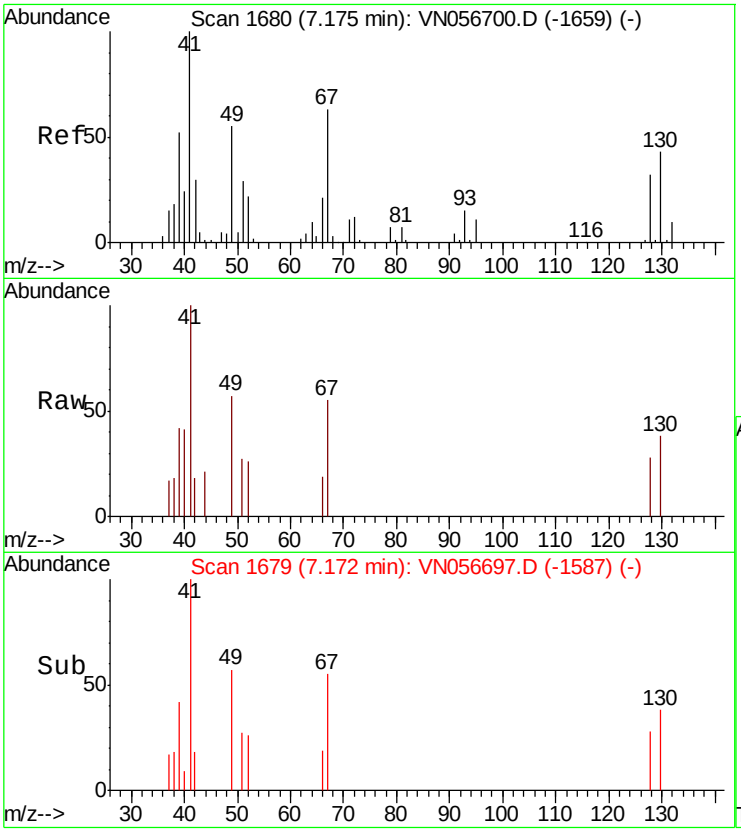




#40
Benzene
Concen: 1.136 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 78 Resp: 16606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.0 | 18.6 | 27.8 |



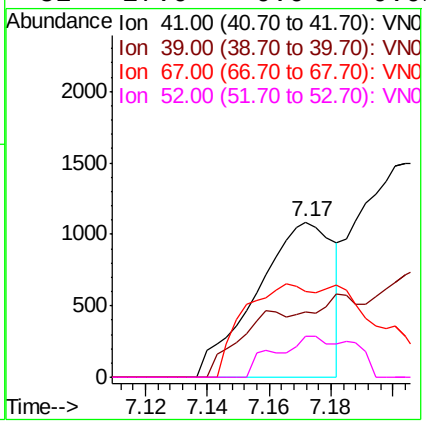


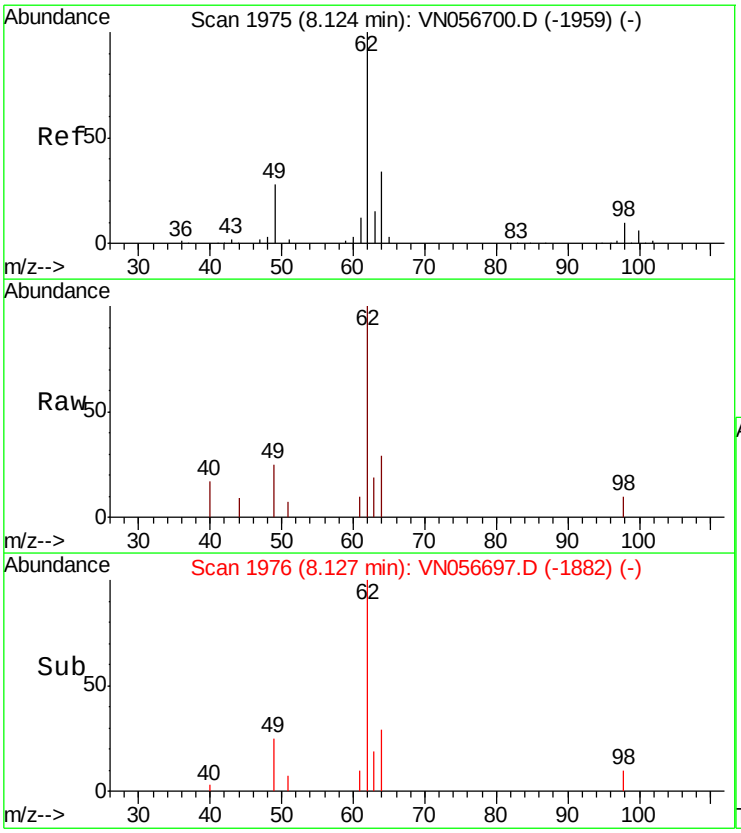

#41
Methacrylonitrile
Concen: 0.918 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 41 Resp: 1876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 27.5 | 0.0 | 0.0# |
| 67 | 54.8 | 0.0 | 0.0# |
| 52 | 27.0 | 0.0 | 0.0# |

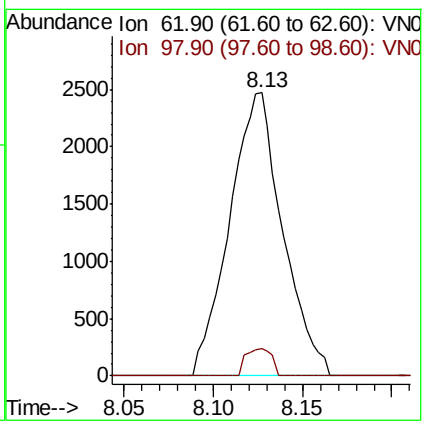


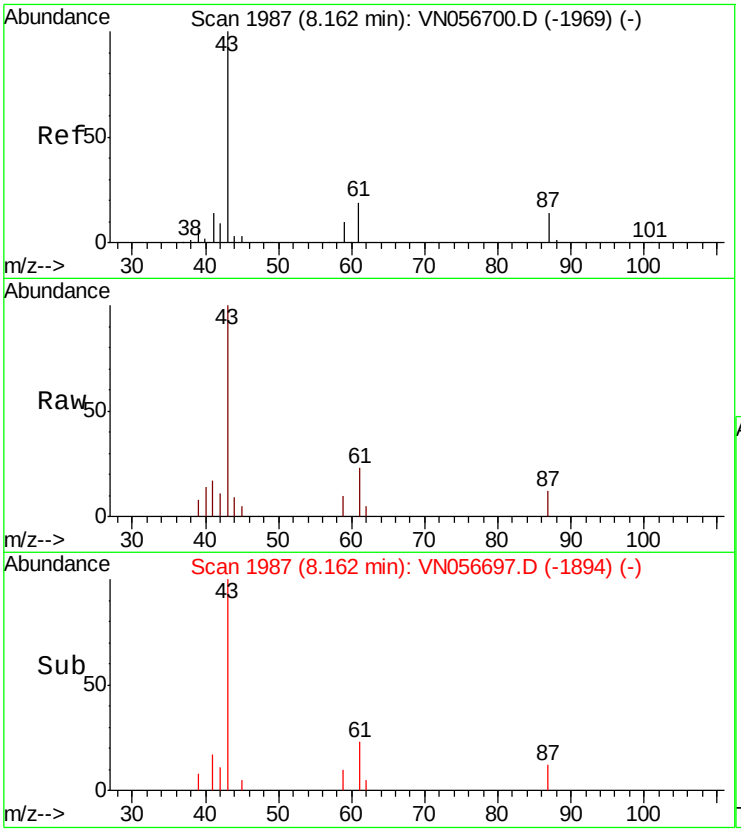




#42
1,2-Dichloroethane
Concen: 1.068 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 62 Resp: 5129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 4.7 | 0.0 | 19.8 |



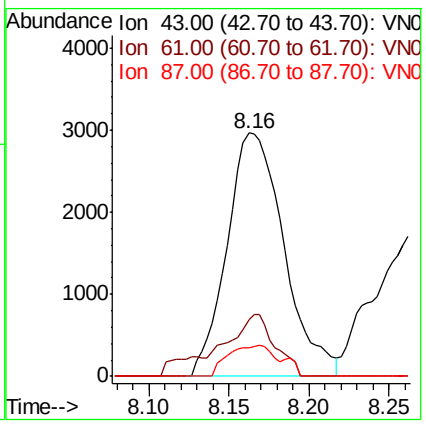


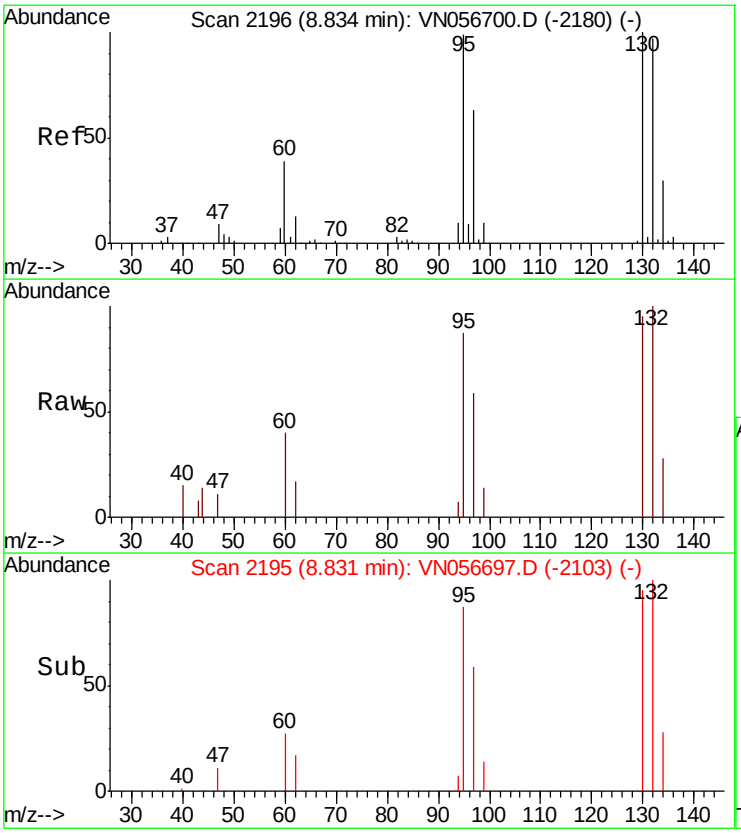

#43
Isopropyl Acetate
Concen: 1.002 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion: 43 Resp: 7253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 25.2 | 22.3 | 33.5 |
| 87 | 10.1 | 11.1 | 16.7# |

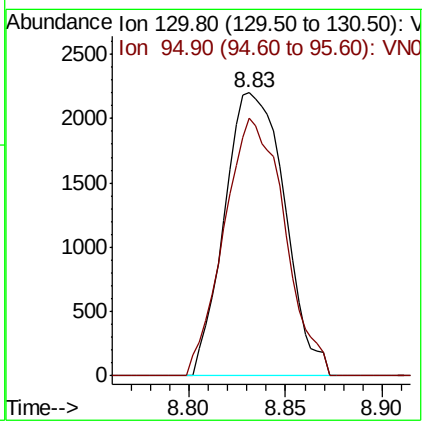


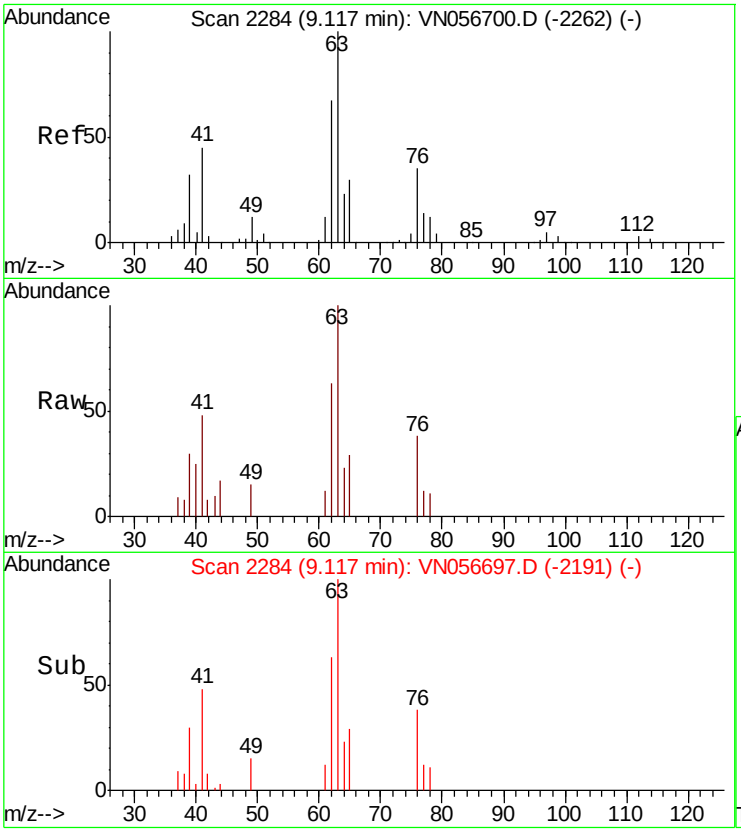




#44
Trichloroethene
Concen: 1.215 ug/l
RT: 8.83 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion:130 Resp: 4767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 91.2 | 0.0 | 197.2 |



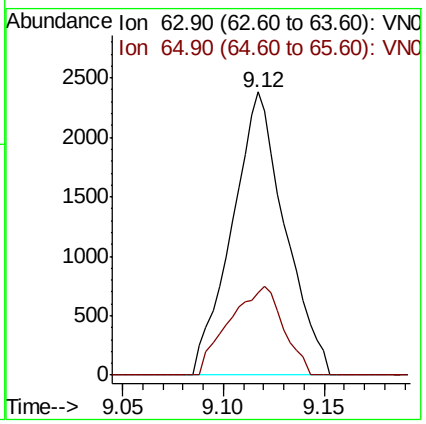


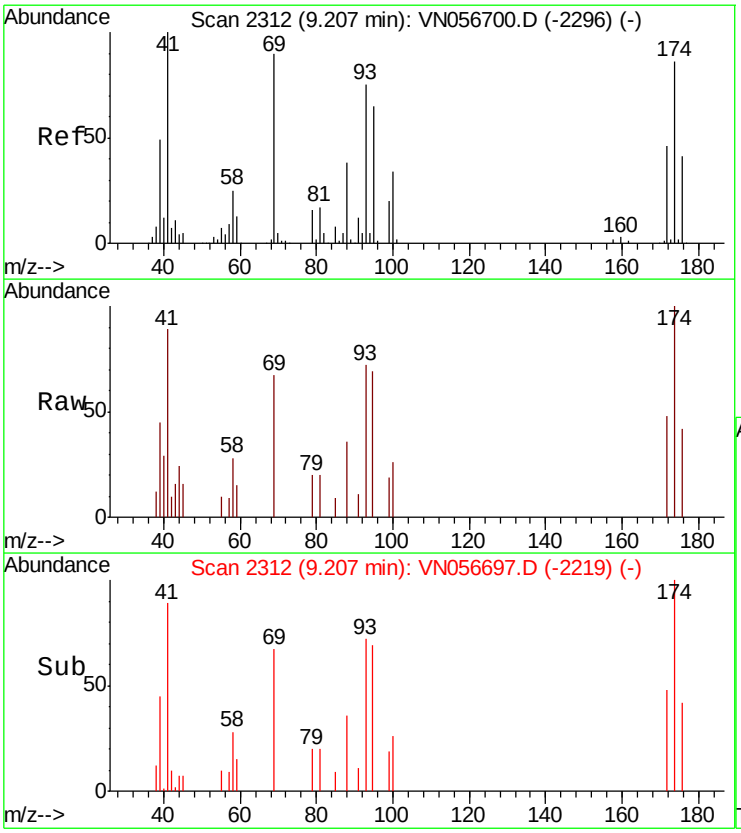

#45
1,2-Dichloropropane
Concen: 1.118 ug/l
RT: 9.12 min Scan# 2284
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 63 Resp: 4369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 29.1 | 24.0 | 36.0 |

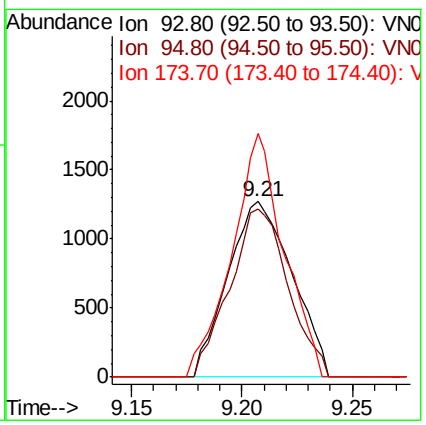


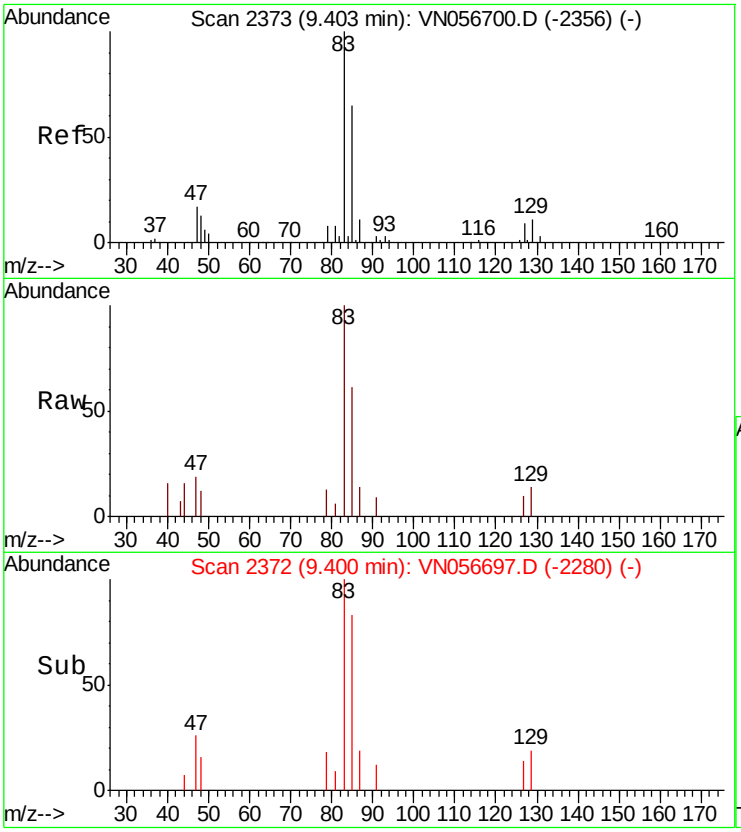




#46
Dibromomethane
Concen: 1.052 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 93 Resp: 2570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 87.0 | 67.4 | 101.0 |
| 174 | 112.0 | 90.3 | 135.5 |



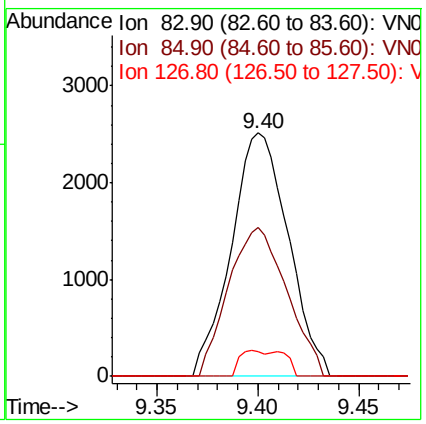


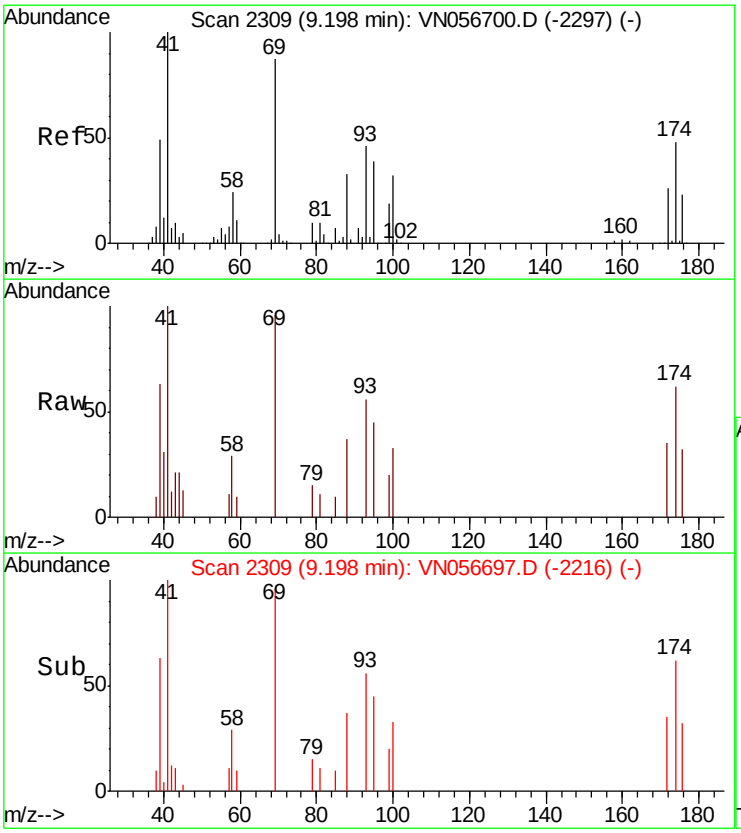

#47
Bromodichloromethane
Concen: 1.136 ug/l
RT: 9.40 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion: 83 Resp: 4963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 61.4 | 52.3 | 78.5 |
| 127 | 9.9 | 7.6 | 11.4 |

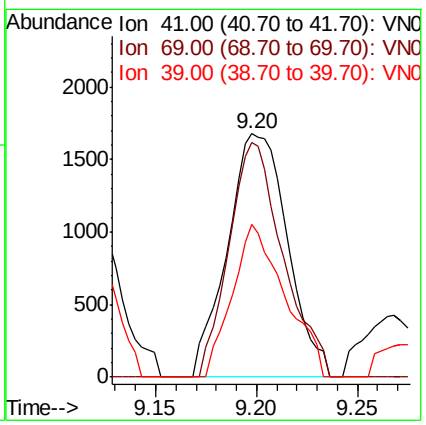


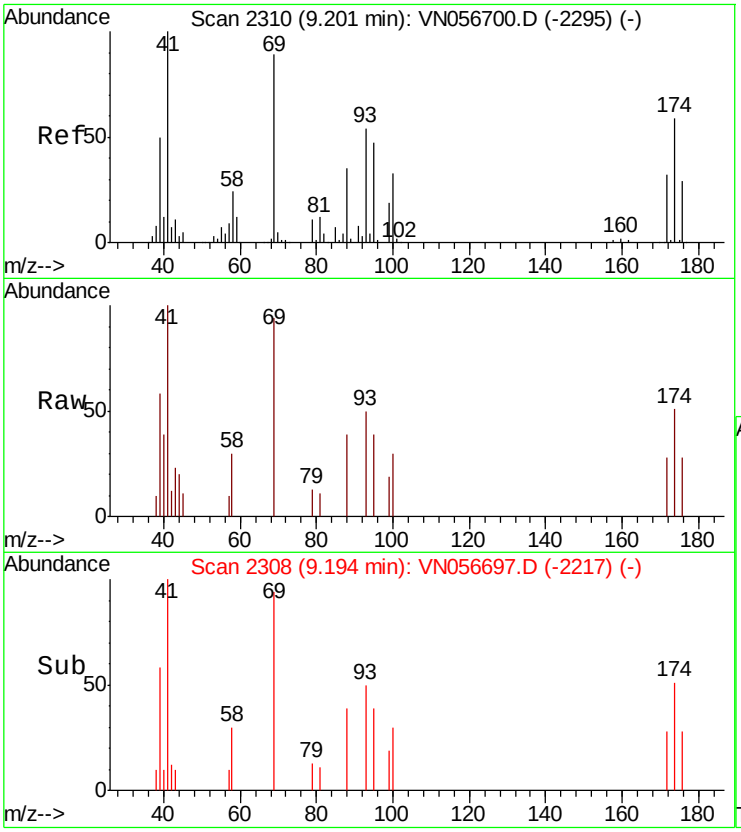




#48
Methyl methacrylate
Concen: 0.962 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 41 Resp: 3494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 86.9 | 71.4 | 107.0 |
| 39 | 54.8 | 41.2 | 61.8 |



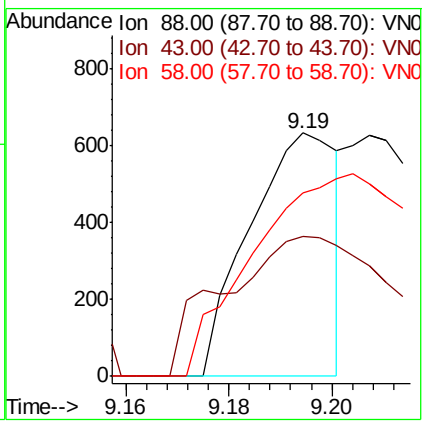


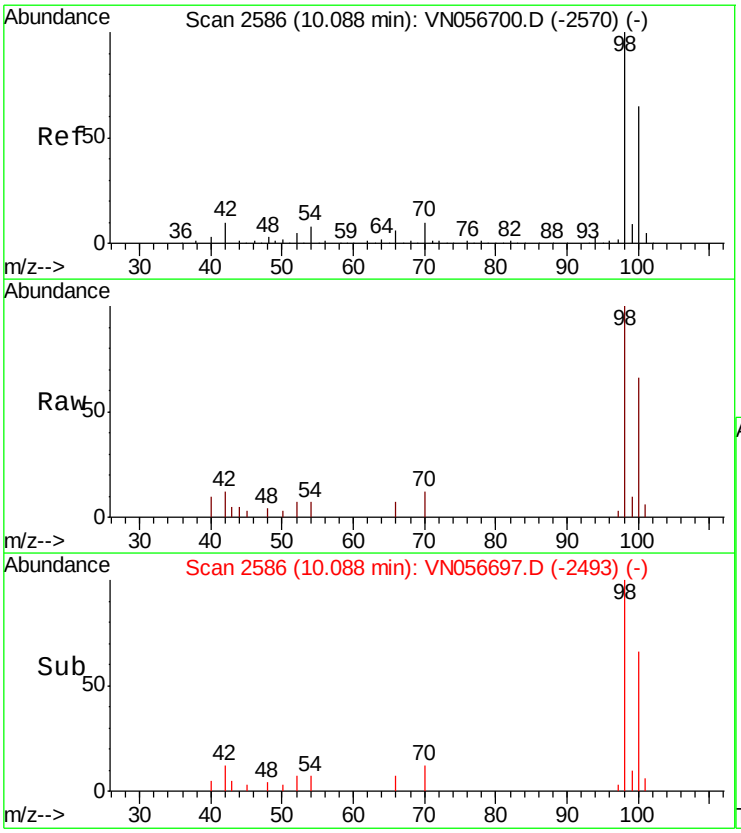

#49
1,4-Dioxane
Concen: 9.934 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. -0.01 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 88 Resp: 743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 117.1 | 23.7 | 35.5# |
| 58 | 154.0 | 55.6 | 83.4# |

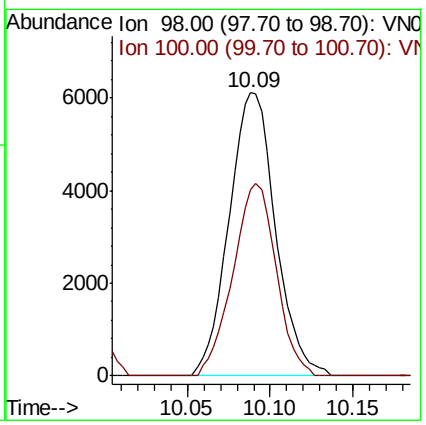


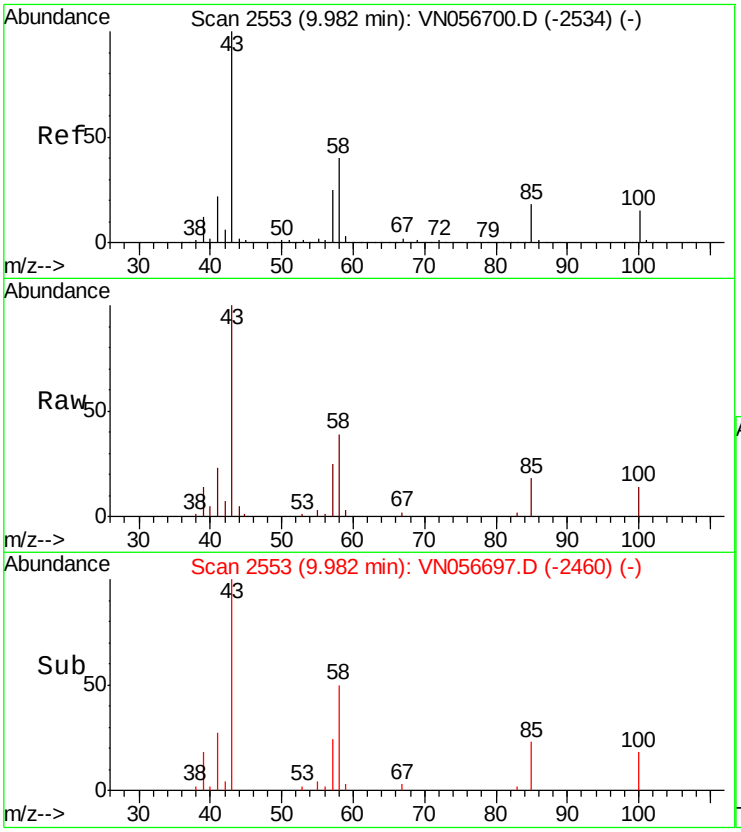




#50
Toluene-d8
Concen: 0.917 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 98 Resp: 11886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.4 | 52.0 | 78.0 |



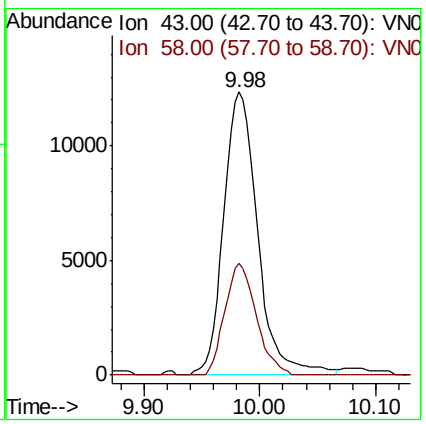


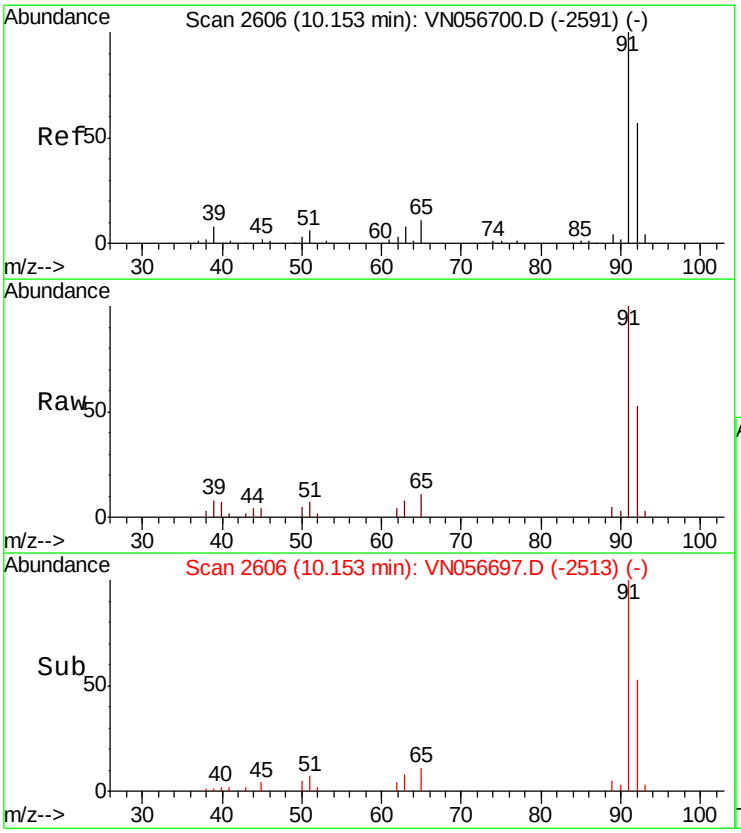

#51
4-Methyl-2-Pentanone
Concen: 5.358 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion: 43 Resp: 25034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.2 | 32.0 | 48.0 |

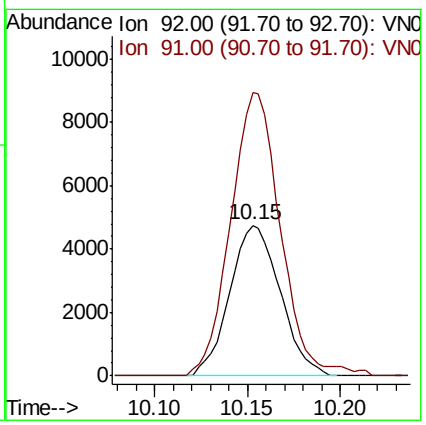


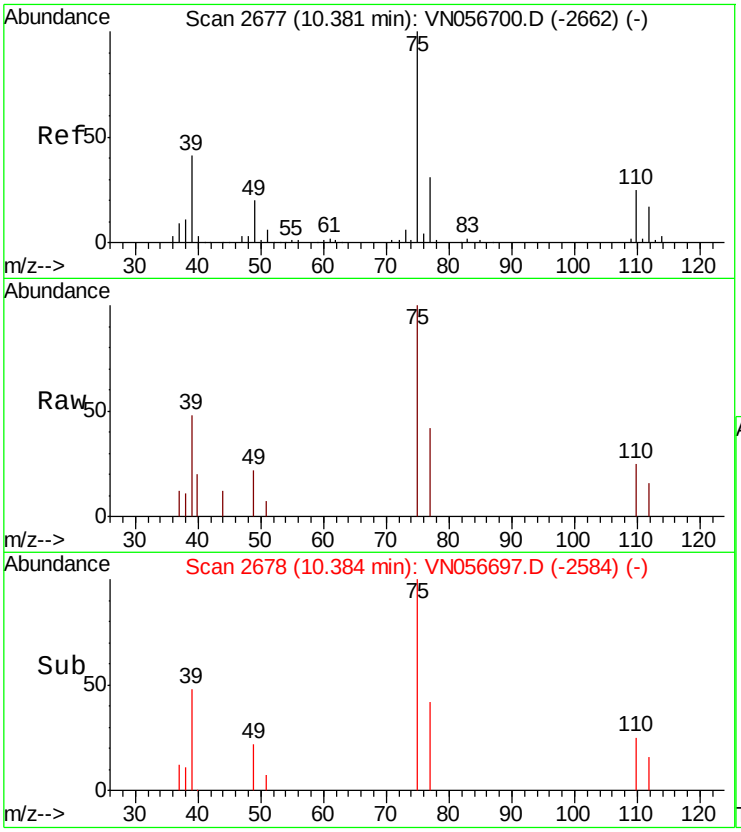




#52
Toluene
Concen: 1.004 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 92 Resp: 8963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 186.3 | 139.9 | 209.9 |



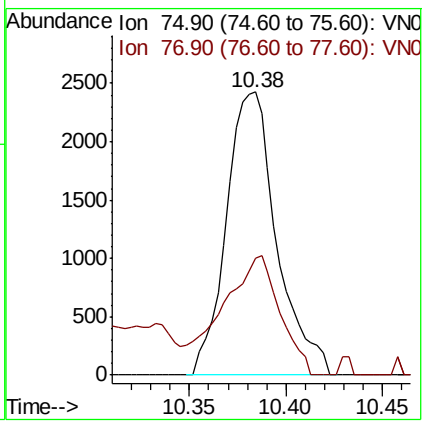


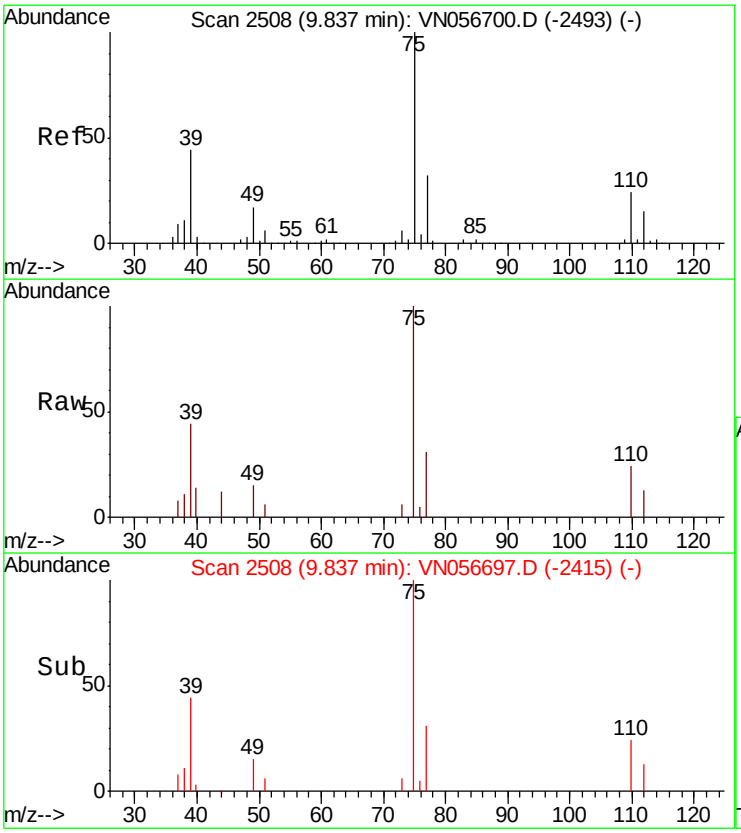

#53
t-1,3-Dichloropropene
Concen: 0.992 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 75 Resp: 4388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 41.5 | 25.0 | 37.6# |

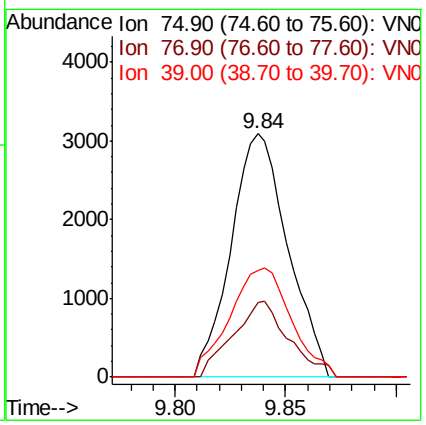


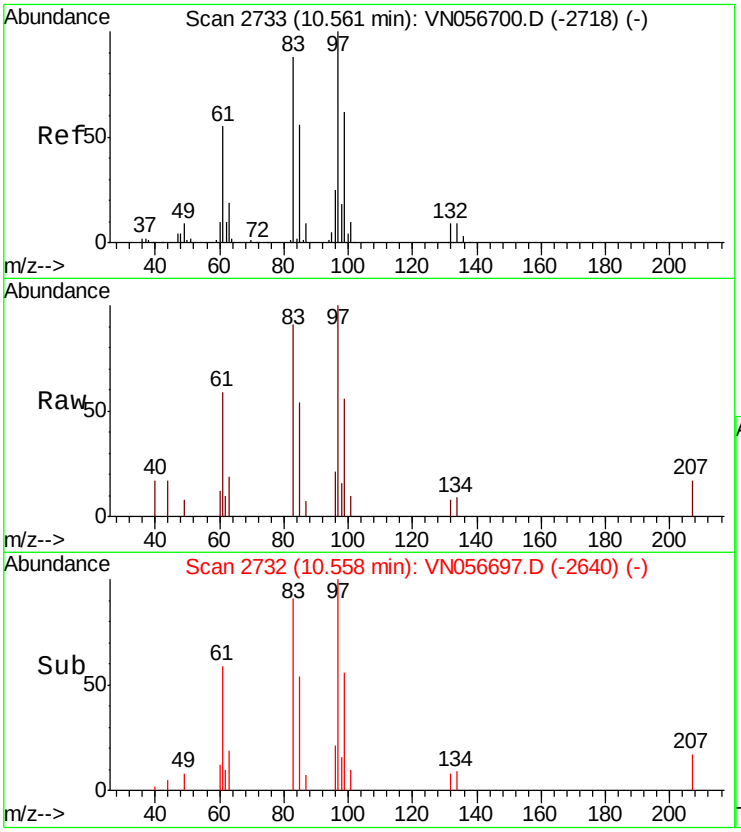




#54
cis-1,3-Dichloropropene
Concen: 1.050 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 75 Resp: 5510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.7 | 26.0 | 39.0 |
| 39 | 44.0 | 35.1 | 52.7 |



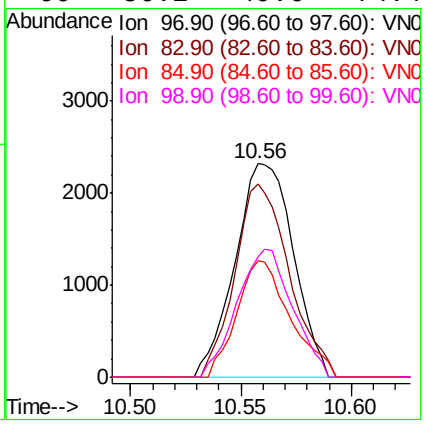


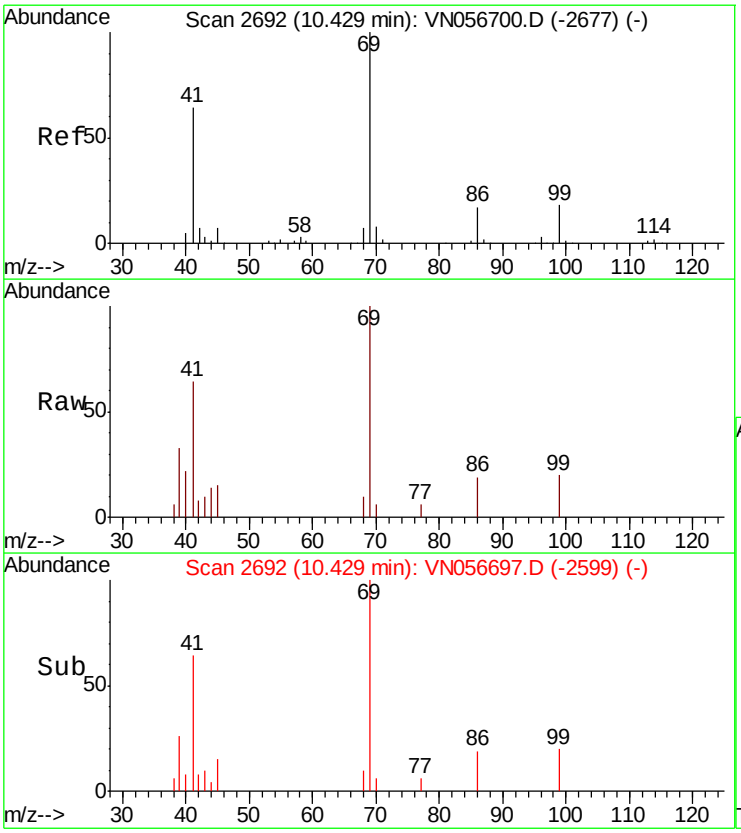

#55
1,1,2-Trichloroethane
Concen: 1.191 ug/l
RT: 10.56 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion: 97 Resp: 4271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 90.5 | 70.3 | 105.5 |
| 85 | 54.4 | 44.8 | 67.2 |
| 99 | 56.2 | 49.6 | 74.4 |

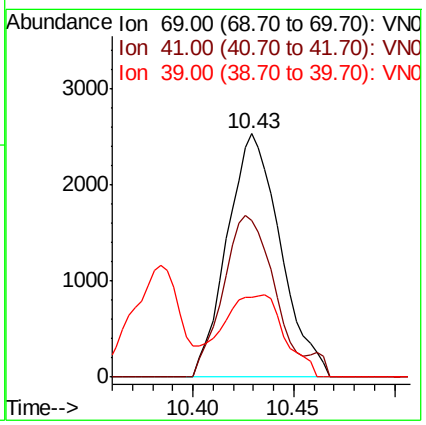


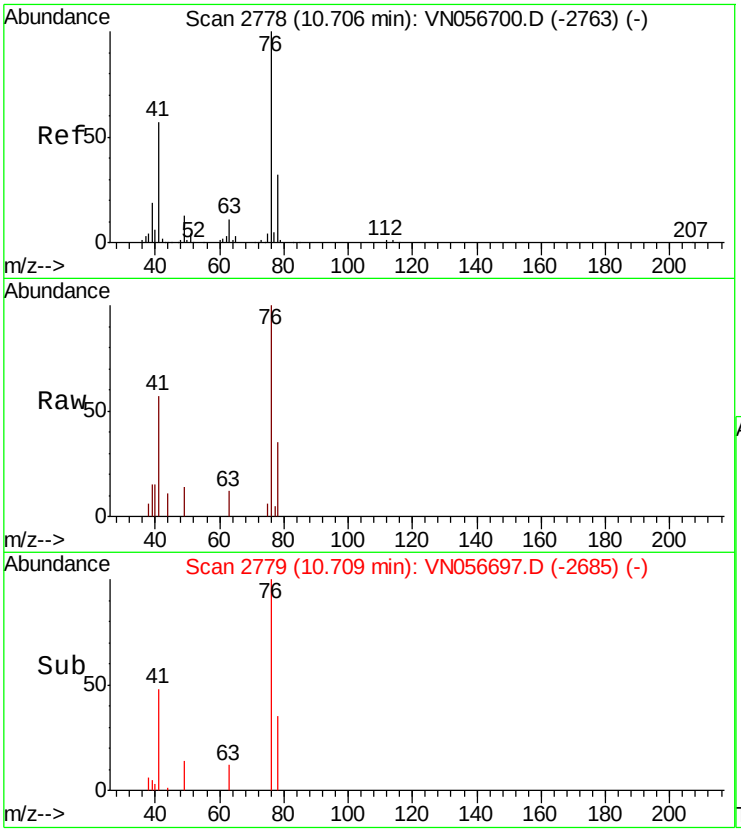




#56
Ethyl methacrylate
Concen: 0.882 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 69 Resp: 4655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 66.4 | 51.0 | 76.4 |
| 39 | 39.3 | 24.6 | 36.8# |



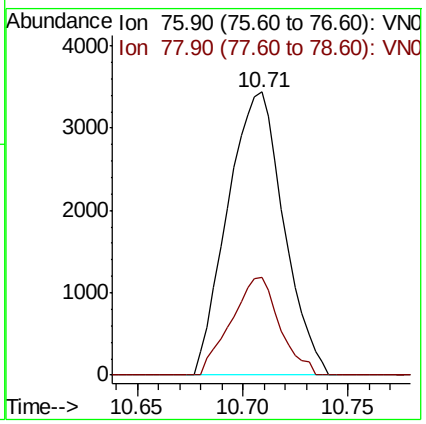


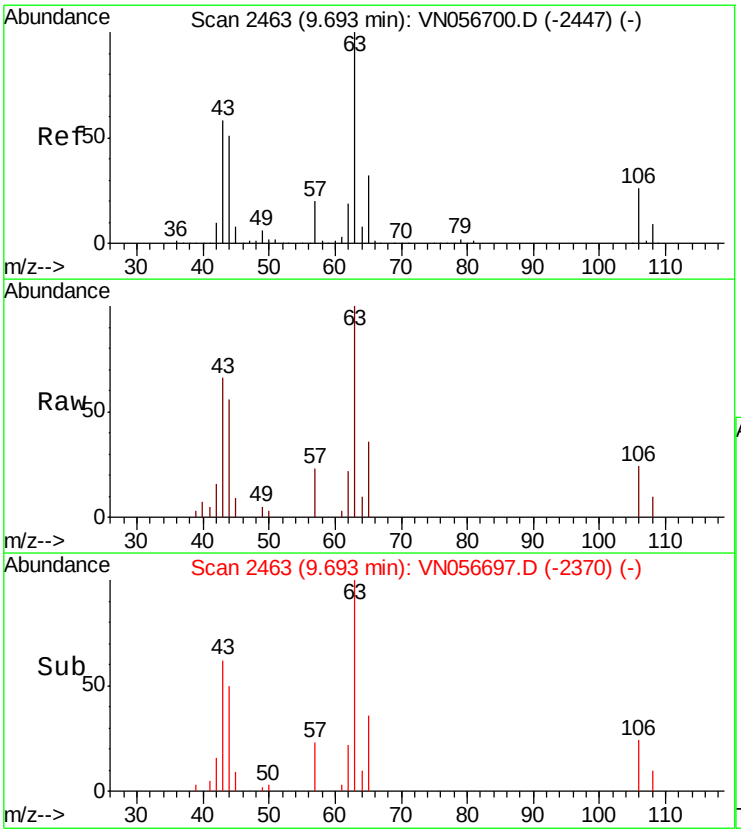

#57
1,3-Dichloropropane
Concen: 1.056 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 76 Resp: 6352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 29.9 | 26.0 | 39.0 |

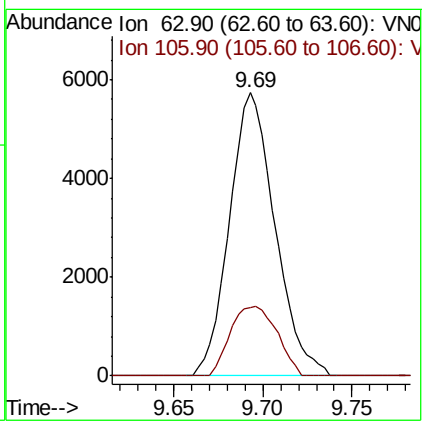


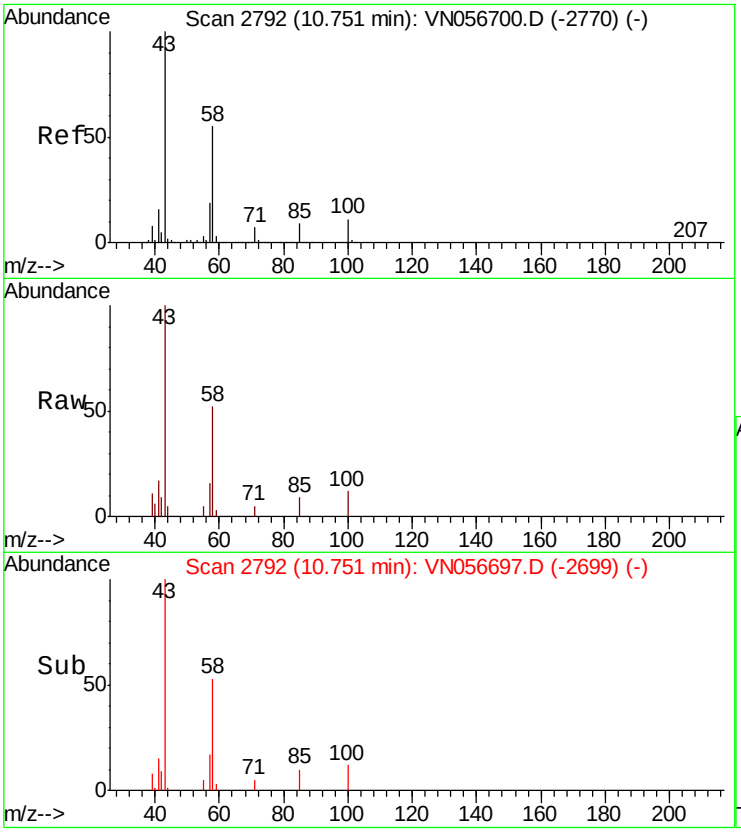




#58
2-Chloroethyl Vinyl ether
Concen: 5.069 ug/l
RT: 9.69 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 63 Resp: 10245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 25.0 | 21.2 | 31.8 |



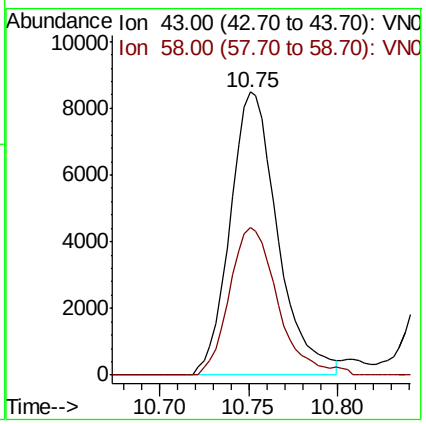


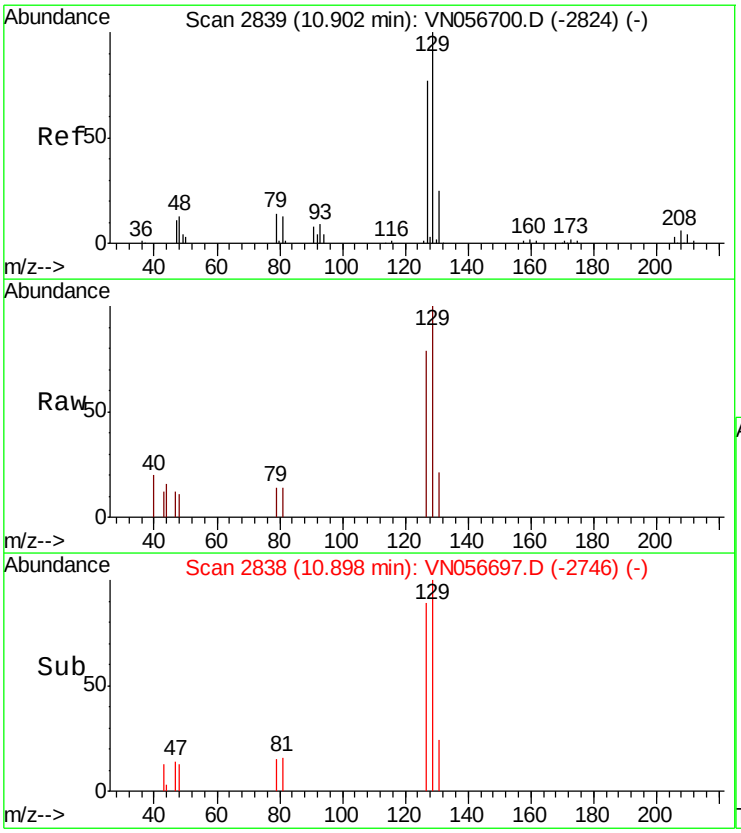

#59
2-Hexanone
Concen: 4.572 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion: 43 Resp: 15752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 52.9 | 27.9 | 83.6 |

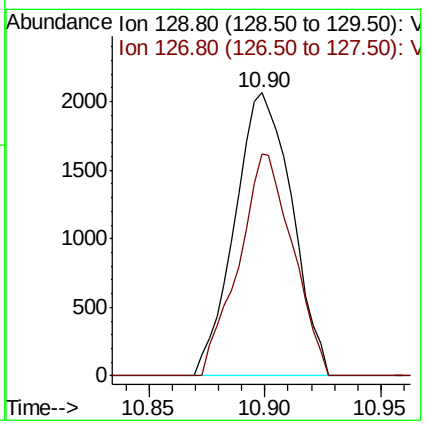


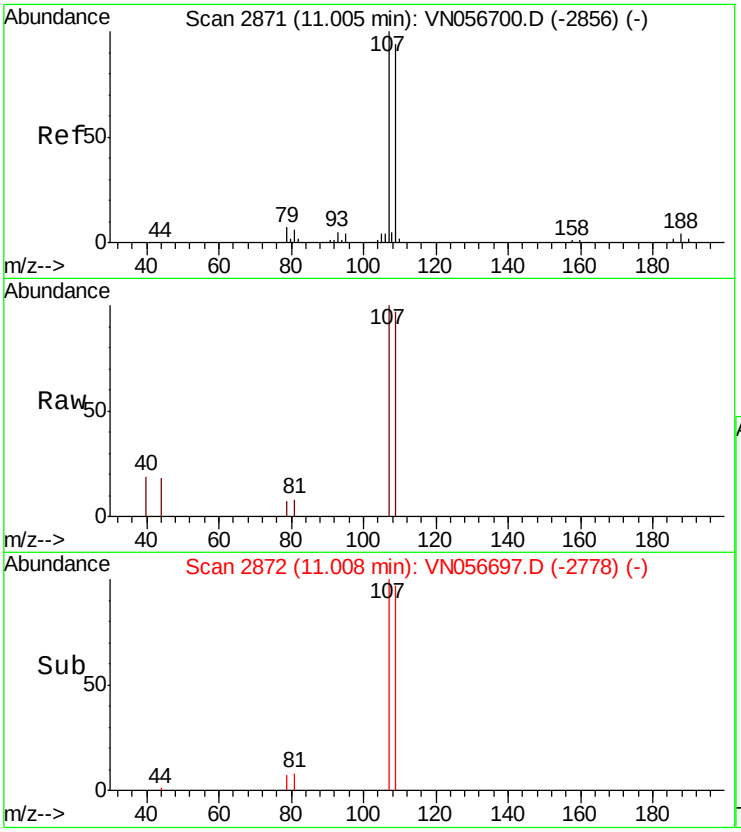




#60
Dibromochloromethane
Concen: 1.074 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion:129 Resp: 3544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 74.2 | 38.2 | 114.6 |



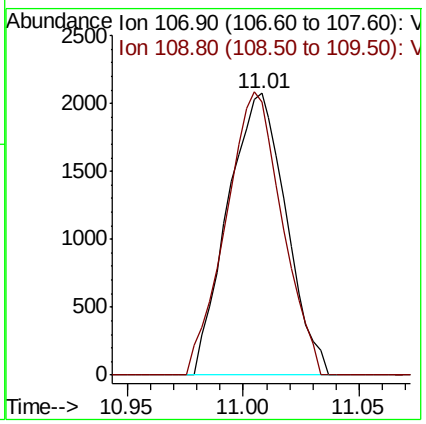


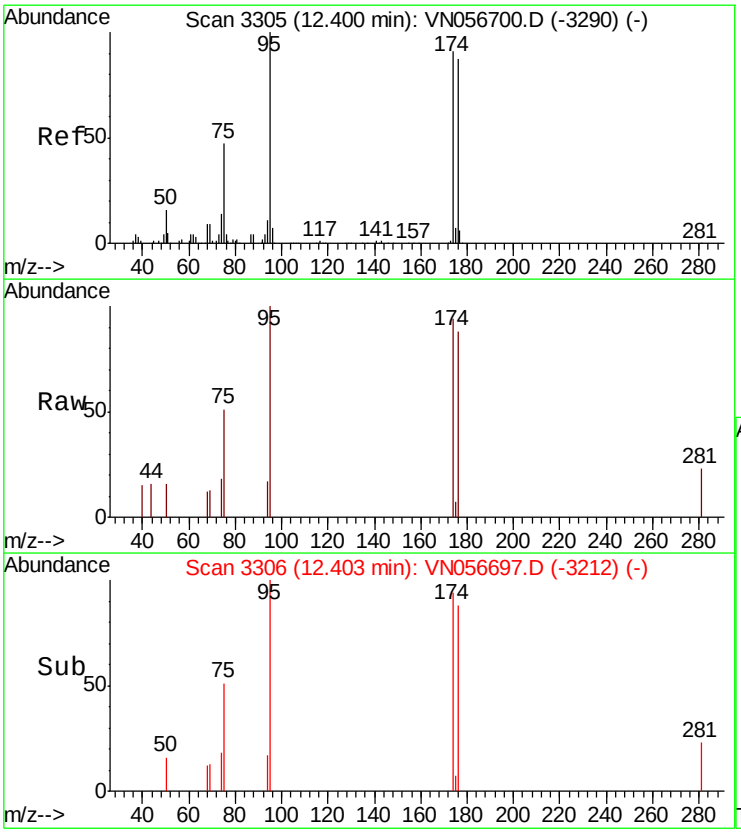

#61
1,2-Dibromoethane
Concen: 0.990 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:107 Resp: 3624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 97.1 | 76.2 | 114.4 |

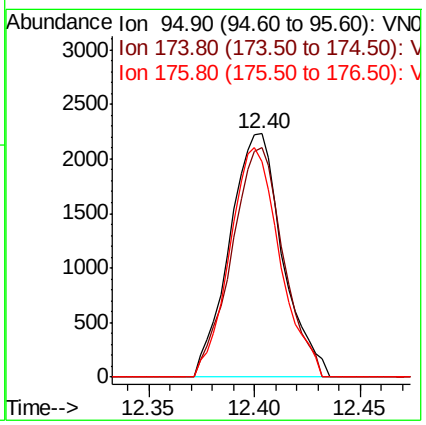


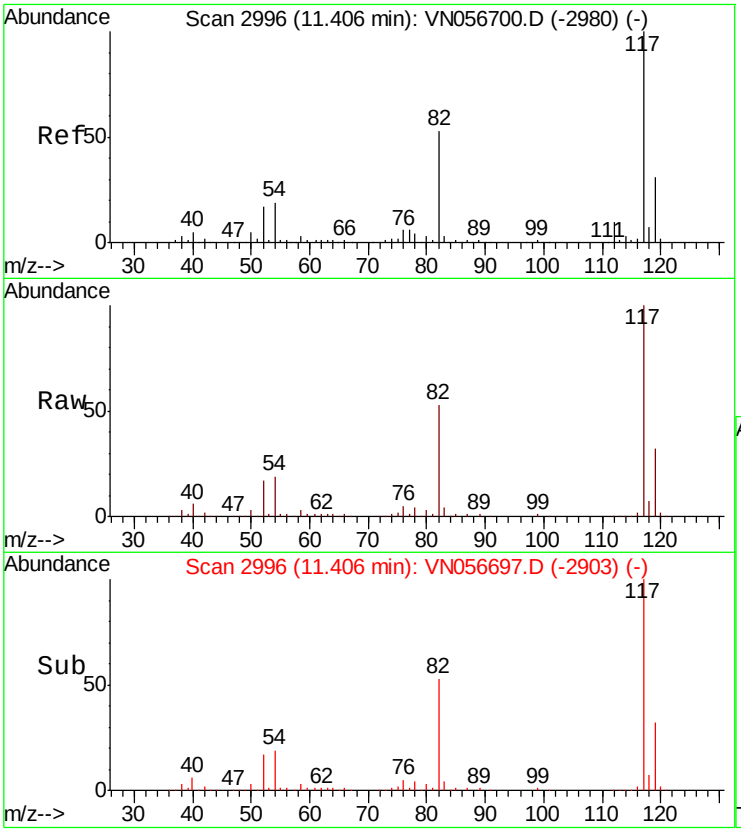




#62
4-Bromofluorobenzene
Concen: 0.900 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 95 Resp: 3898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 91.6 | 0.0 | 180.0 |
| 176 | 89.0 | 0.0 | 173.2 |



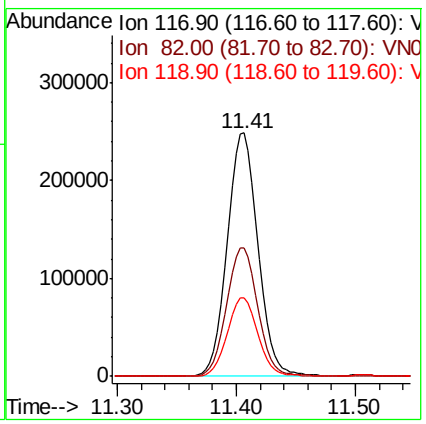


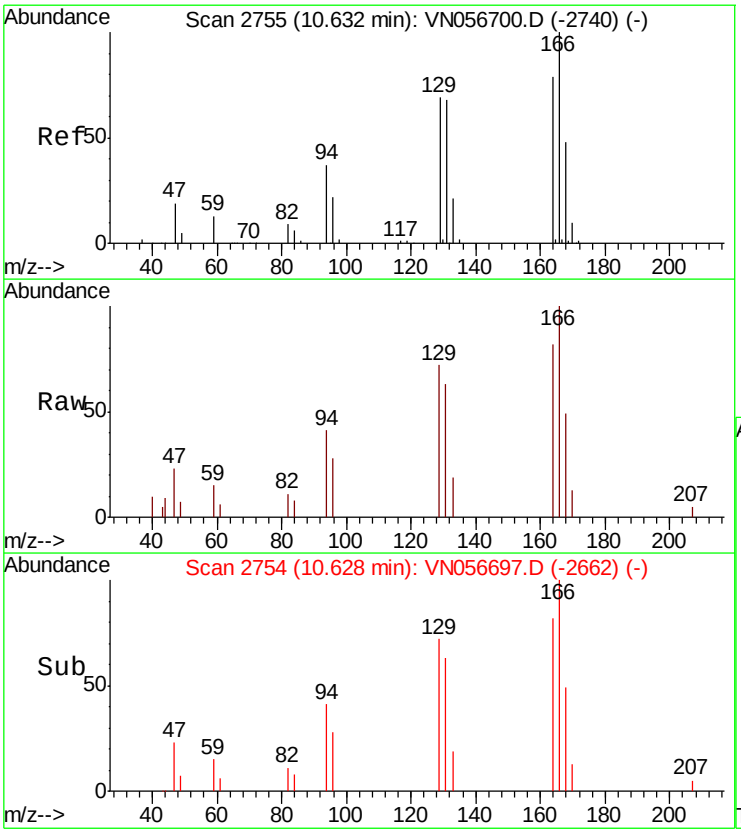

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion:117 Resp: 445559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 52.9 | 42.2 | 63.2 |
| 119 | 32.5 | 25.2 | 37.8 |

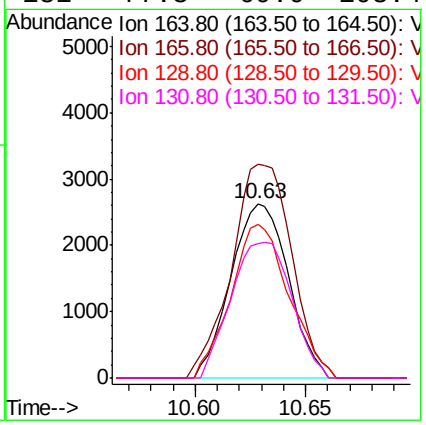


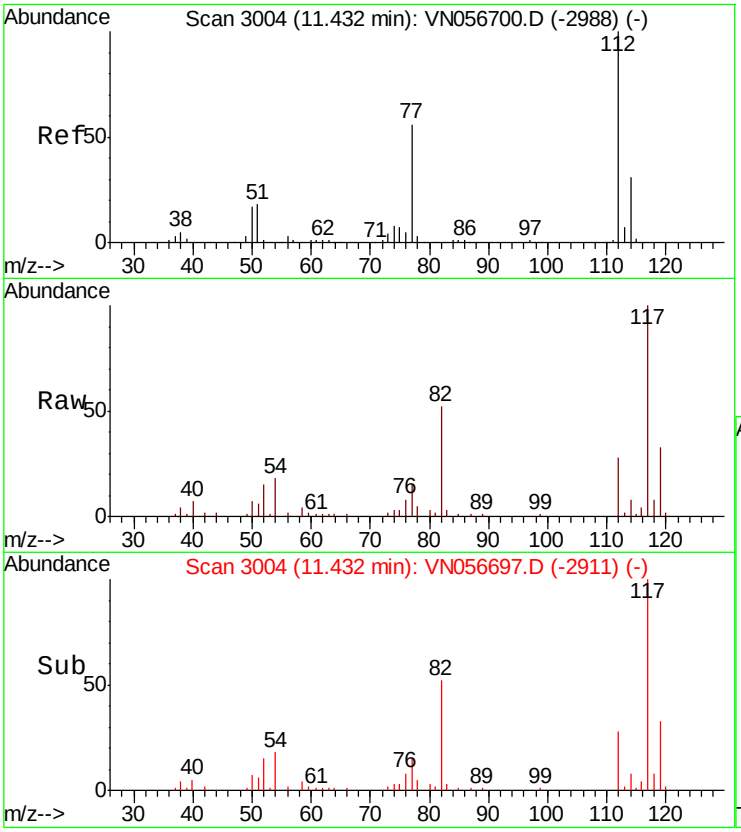




#64
Tetrachloroethene
Concen: 1.333 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion:164 Resp: 4745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 122.5 | 101.4 | 152.2 |
| 129 | 87.9 | 69.6 | 104.4 |
| 131 | 77.3 | 69.0 | 103.4 |



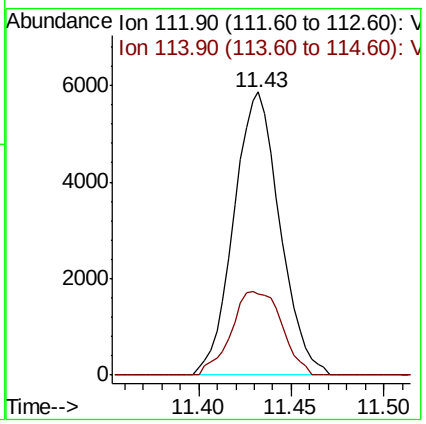


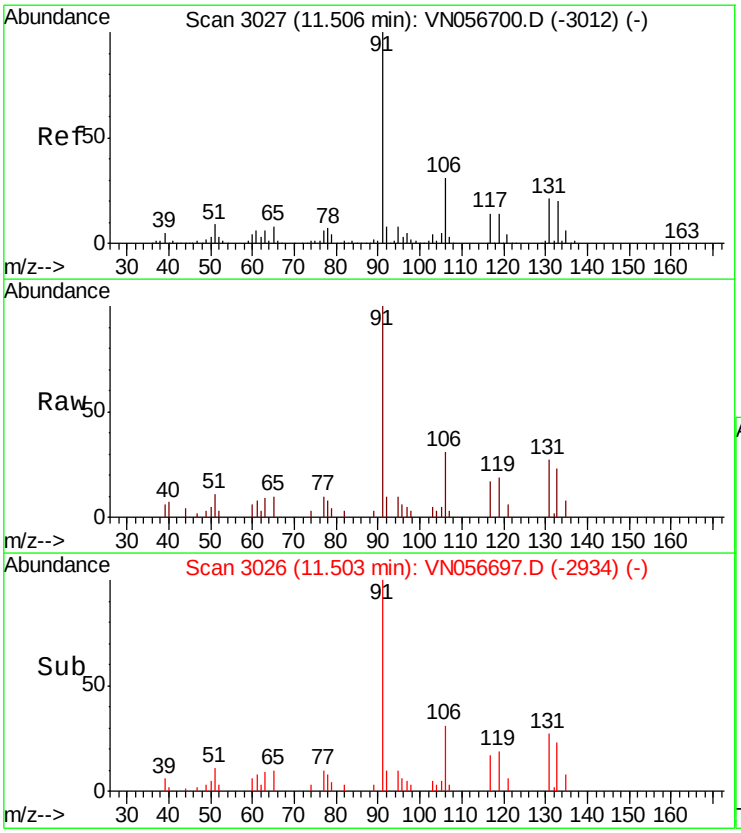

#65
Chlorobenzene
Concen: 1.130 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:112 Resp: 10132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 28.6 | 25.2 | 37.8 |

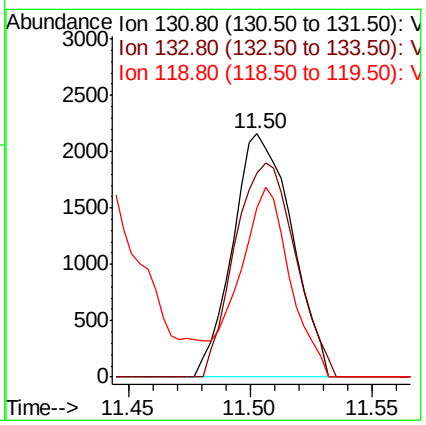


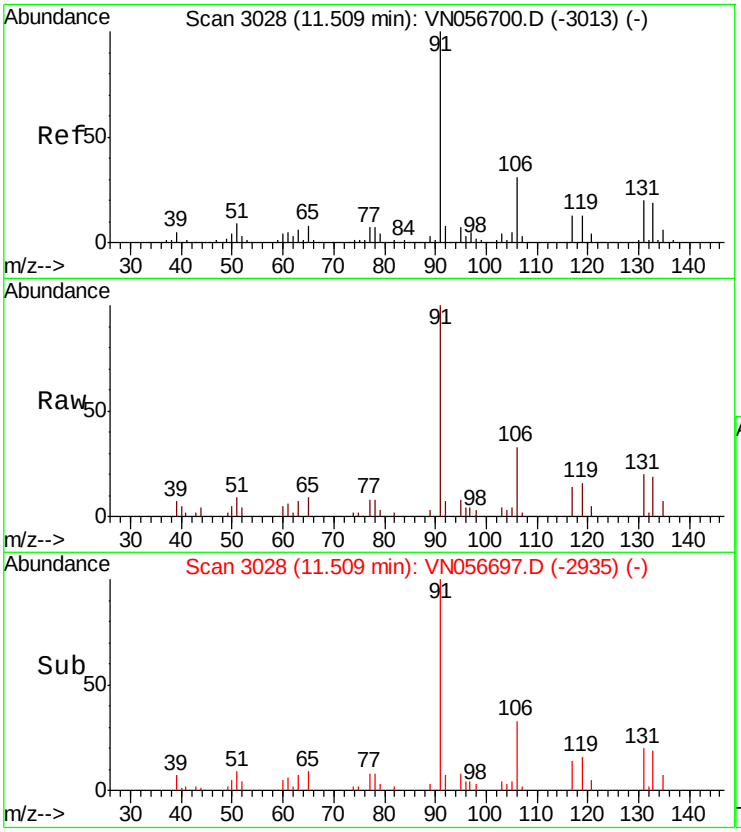




#66
1,1,1,2-Tetrachloroethane
Concen: 1.189 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion:131 Resp: 3638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 90.3 | 46.9 | 140.7 |
| 119 | 0.0 | 32.8 | 98.3# |



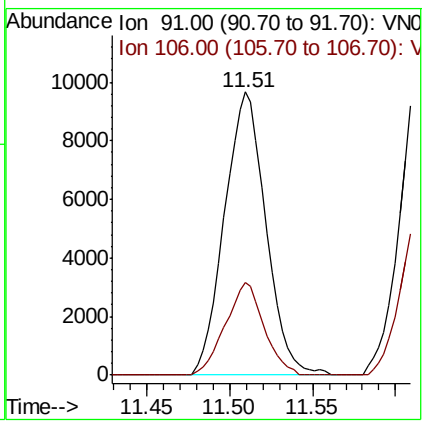


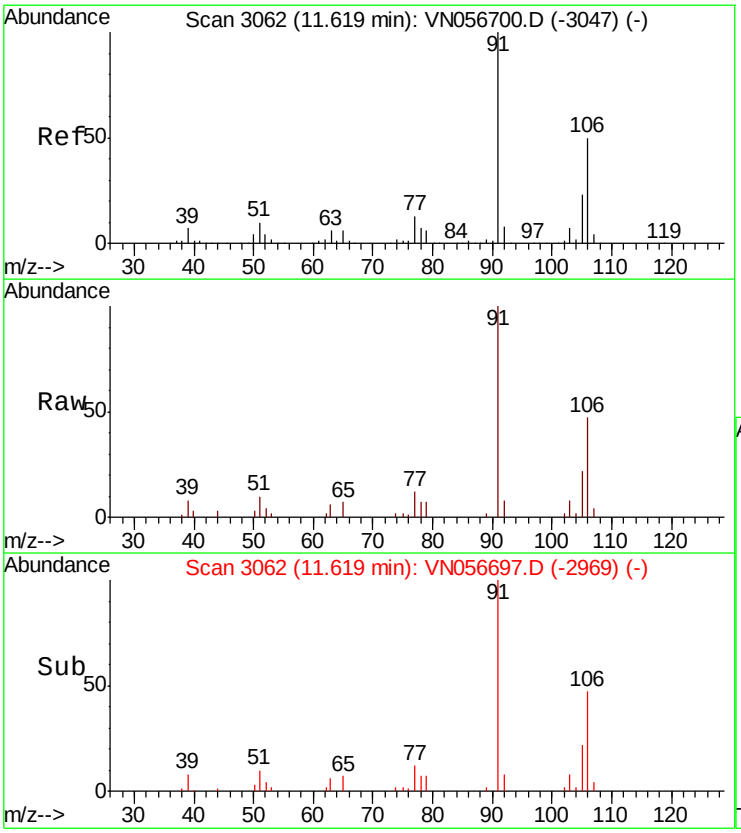

#67
Ethyl Benzene
Concen: 1.060 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion: 91 Resp: 16722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 32.9 | 24.8 | 37.2 |

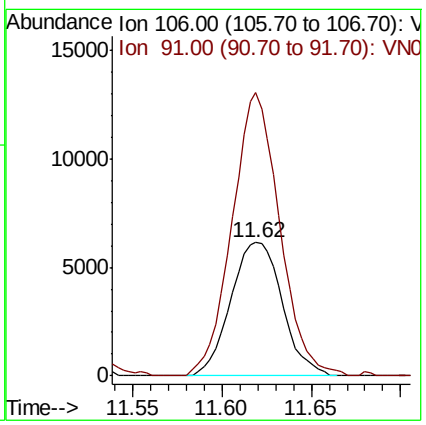


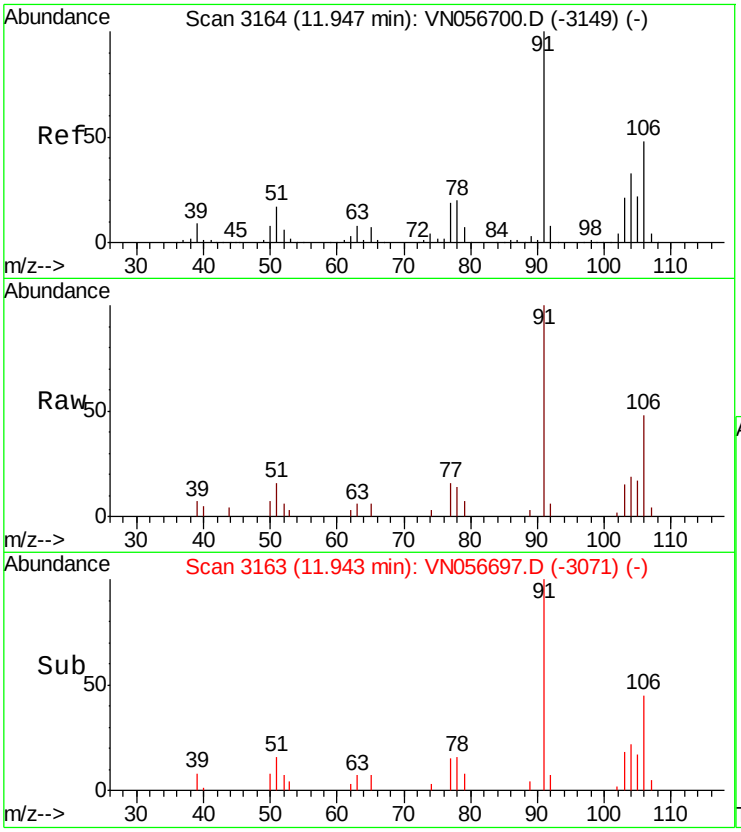




#68
m/p-Xylenes
Concen: 2.133 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion:106 Resp: 12338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 196.4 | 160.5 | 240.7 |



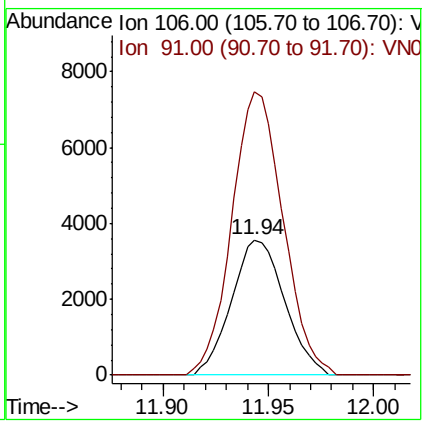


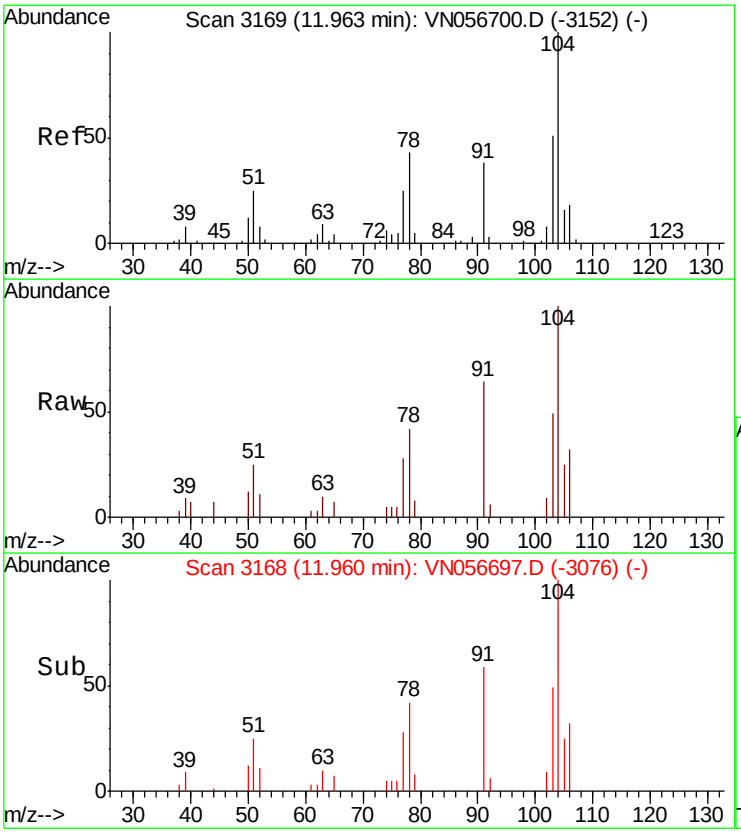

#69
o-Xylene
Concen: 1.093 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:106 Resp: 6256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 201.2 | 105.6 | 316.8 |

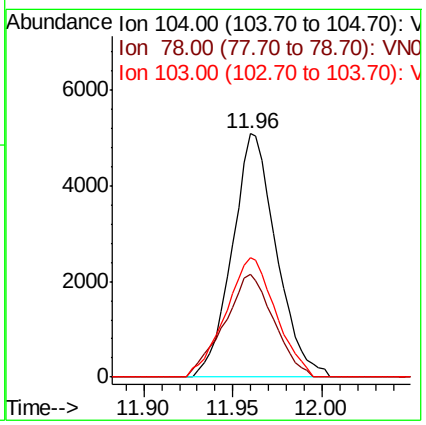


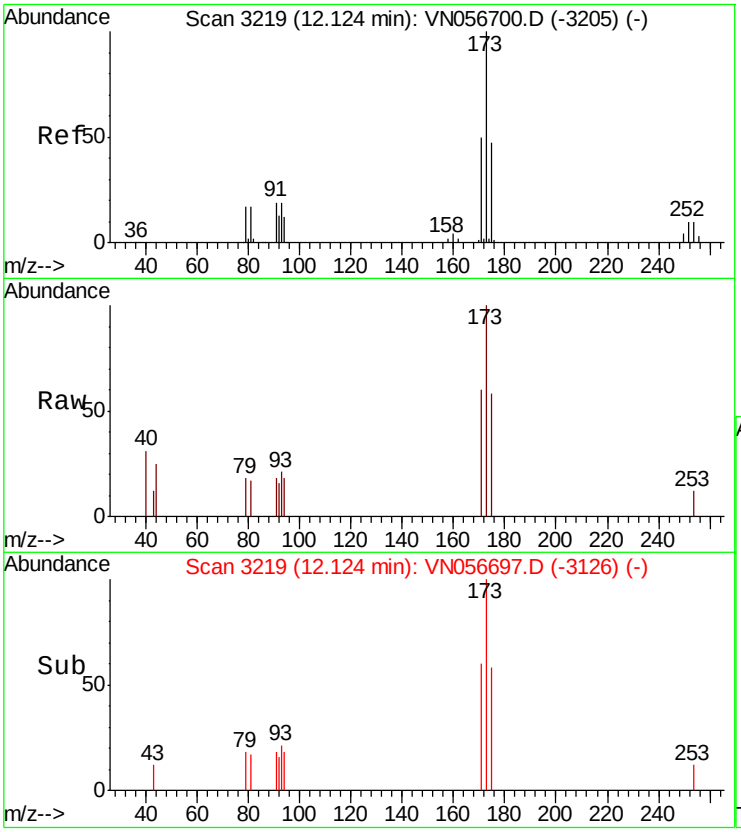




#70
Styrene
Concen: 0.957 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion:104 Resp: 8757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 47.1 | 38.6 | 57.8 |
| 103 | 55.3 | 44.2 | 66.4 |



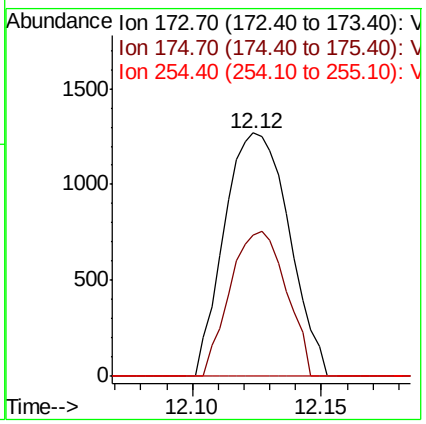


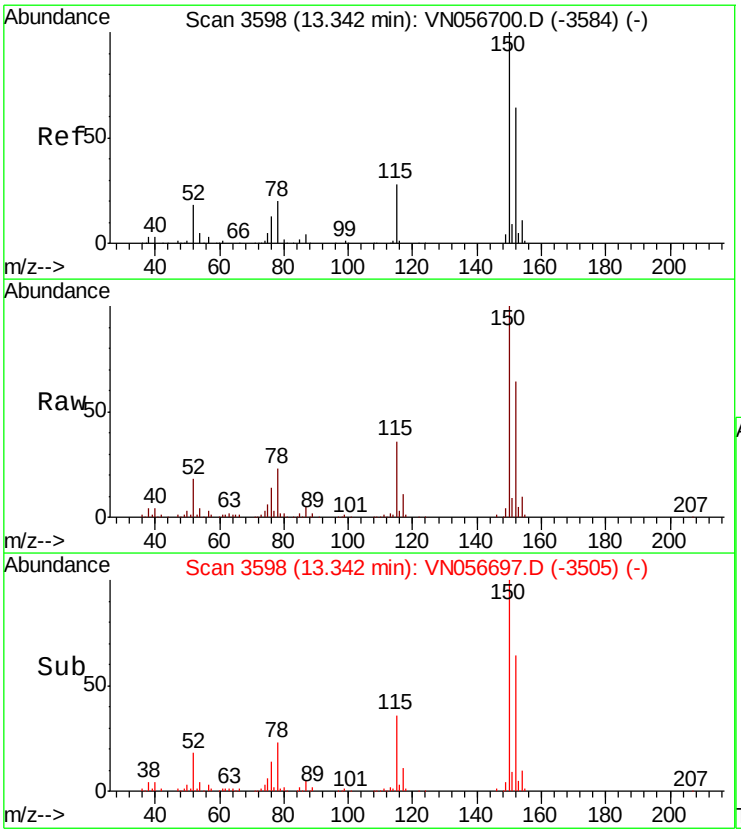

#71
Bromoform
Concen: 1.020 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:173 Resp: 2214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 51.6 | 23.8 | 71.4 |
| 254 | 0.0 | 0.0 | 0.0 |

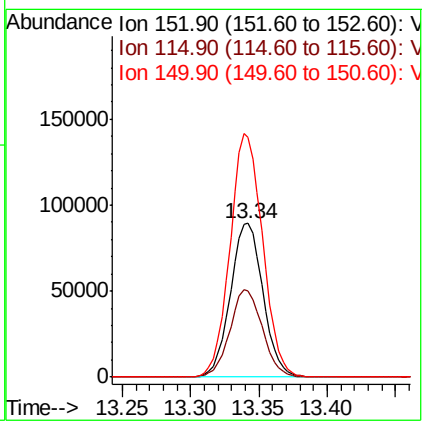


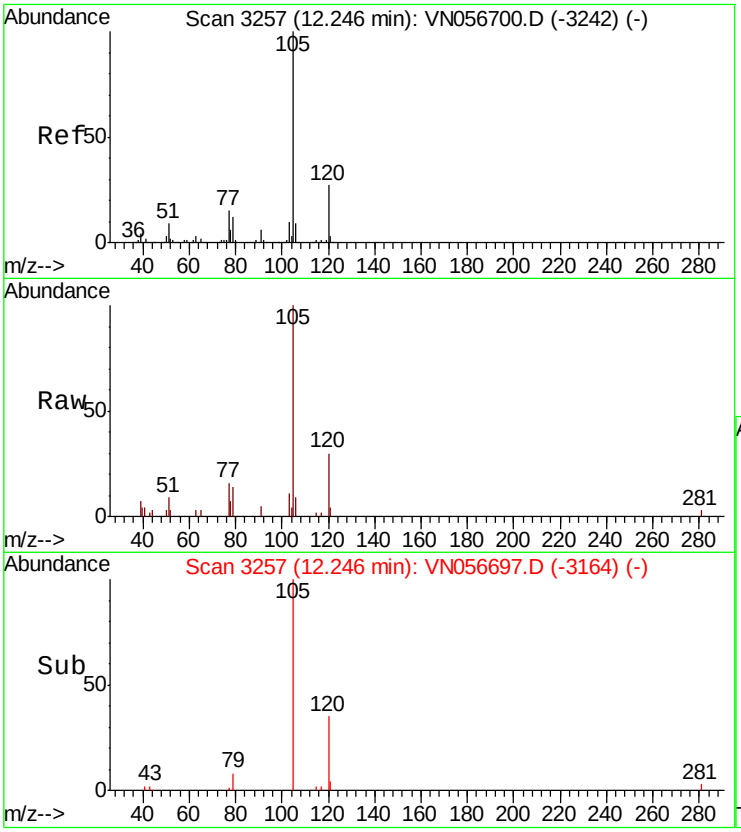




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion:152 Resp: 148097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 56.7 | 28.2 | 84.7 |
| 150 | 158.9 | 0.0 | 345.8 |



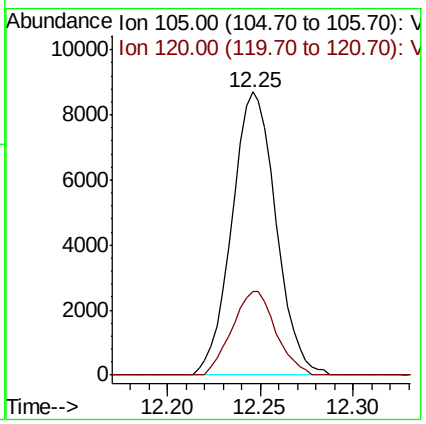


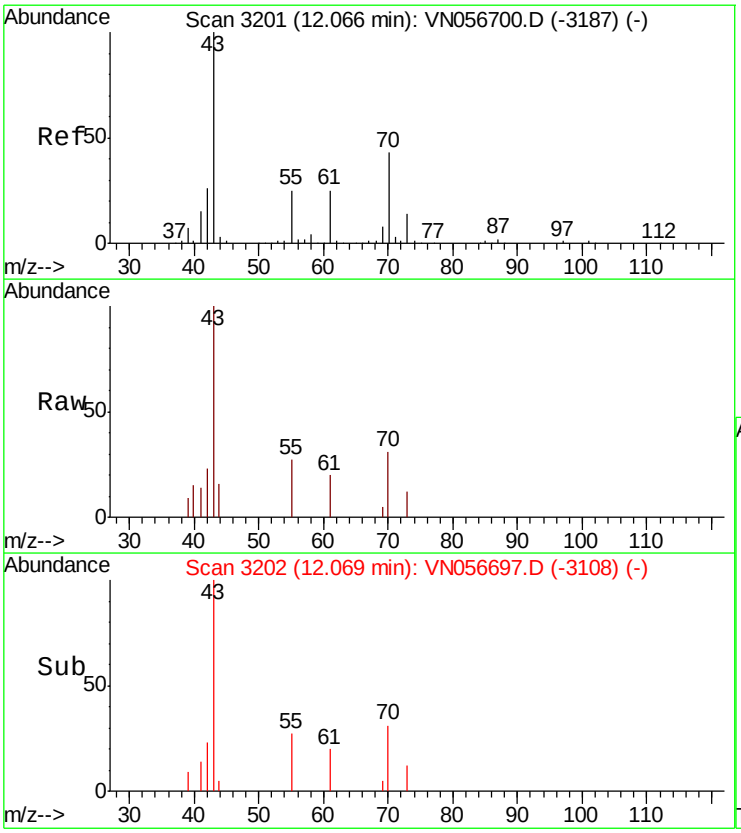

#73
Isopropylbenzene
Concen: 1.112 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion:105 Resp: 14410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 29.1 | 13.4 | 40.2 |

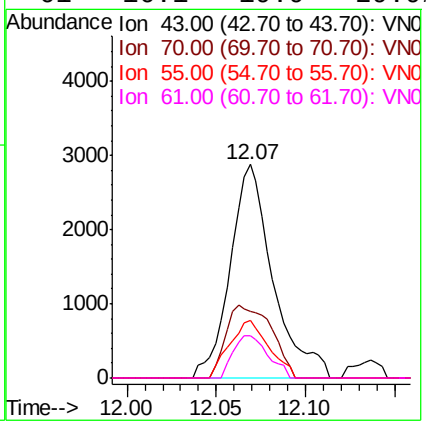


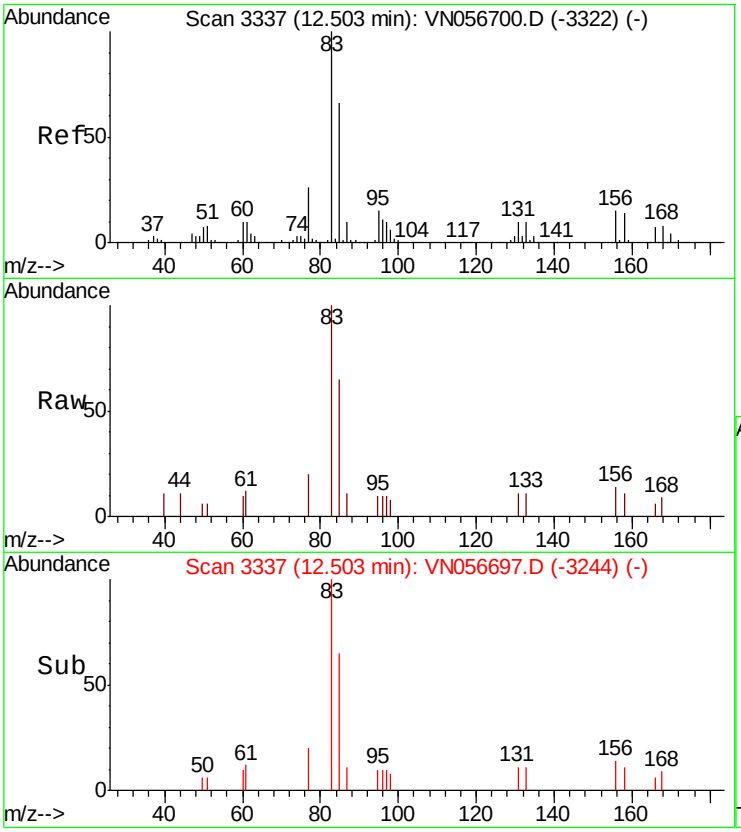




#74
N-amyl acetate
Concen: 1.021 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 43 Resp: 4808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 36.2 | 34.5 | 51.7 |
| 55 | 24.8 | 20.2 | 30.2 |
| 61 | 16.1 | 19.9 | 29.9# |



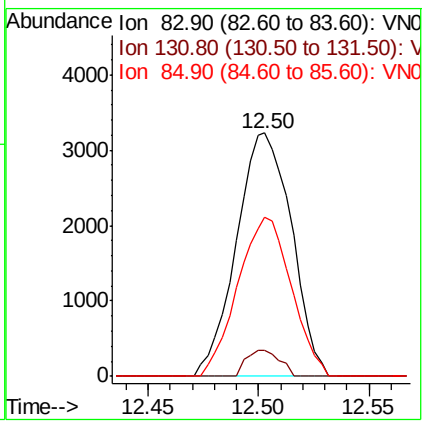


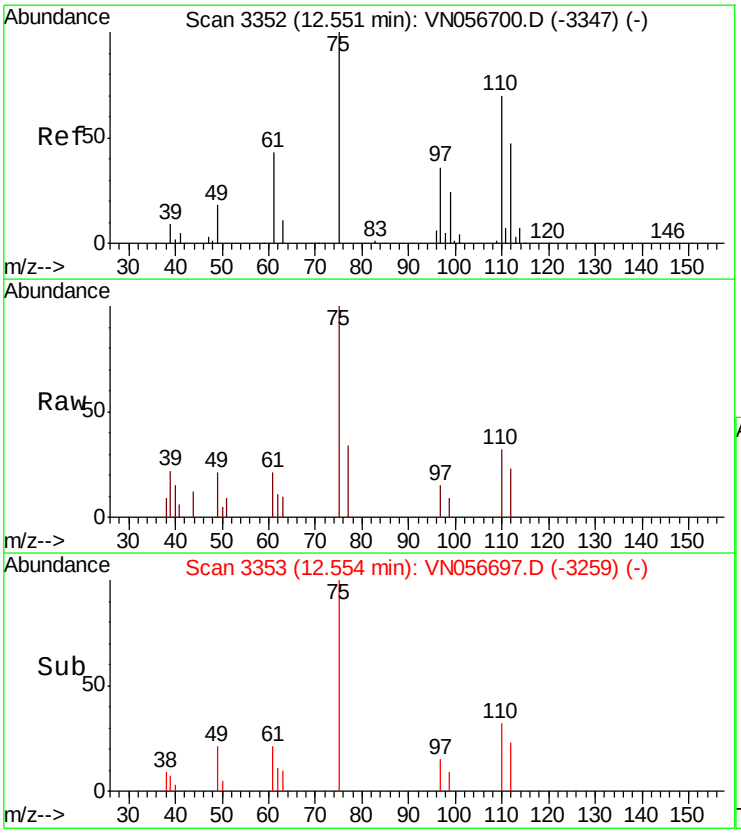

#75
1,1,2,2-Tetrachloroethane
Concen: 1.373 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 83 Resp: 5572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 6.4 | 5.3 | 15.8 |
| 85 | 63.5 | 32.6 | 97.8 |

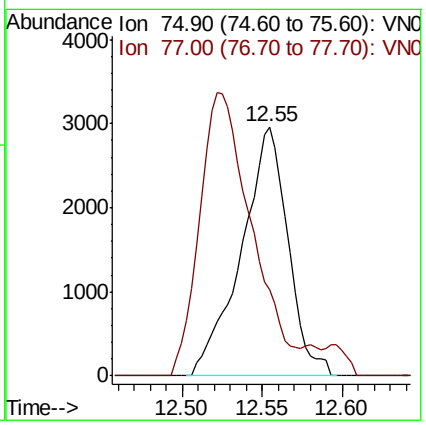


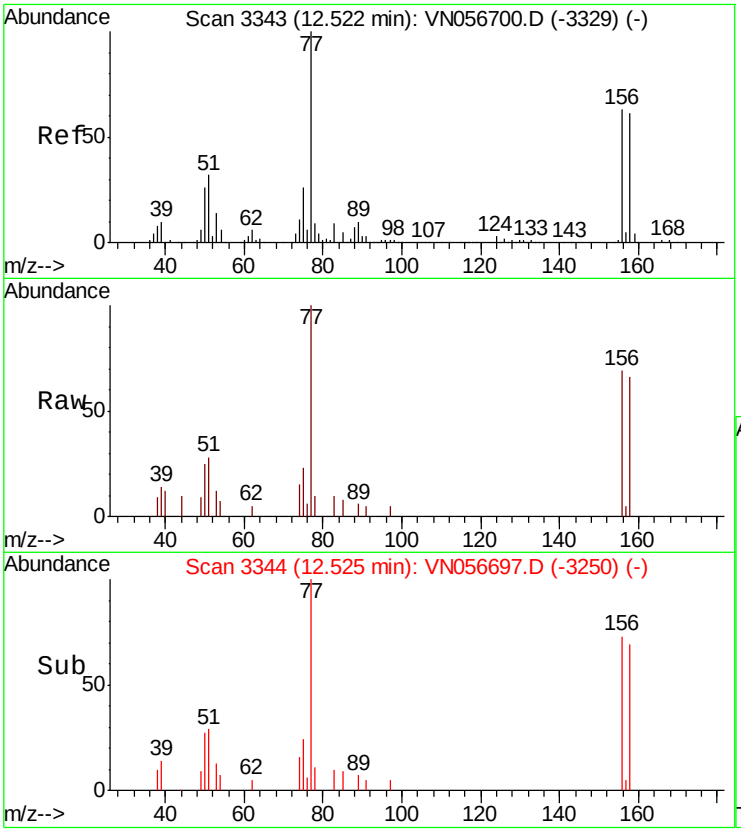




#76
1,2,3-Trichloropropane
Concen: 1.911 ug/l
RT: 12.55 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 75 Resp: 5946

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



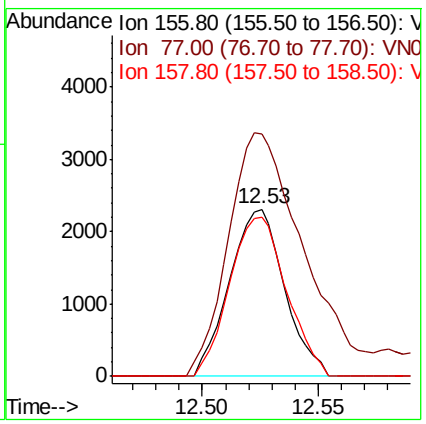


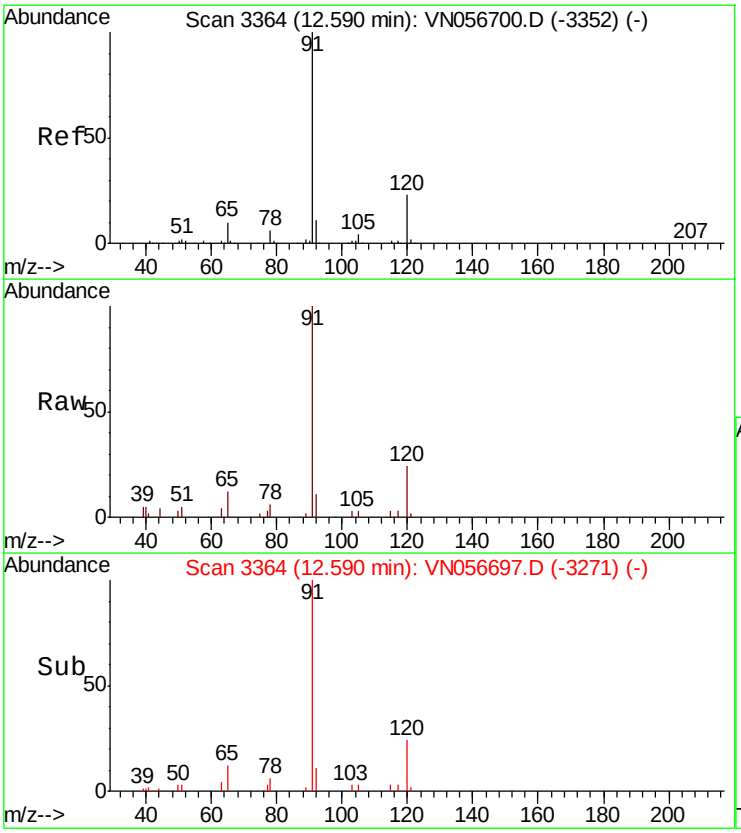

#77
Bromobenzene
Concen: 1.157 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:156 Resp: 3805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 200.1 | 97.2 | 291.6 |
| 158 | 98.7 | 48.9 | 146.8 |

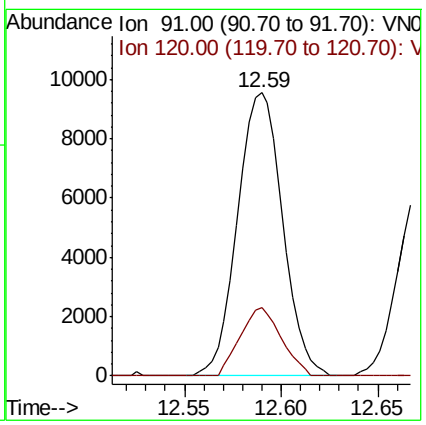


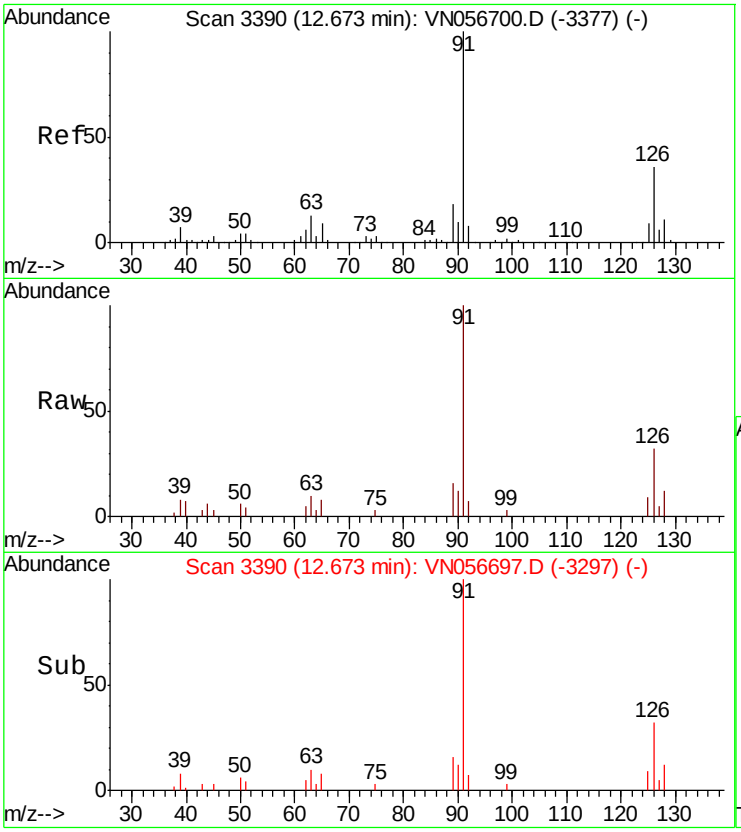




#78
n-propylbenzene
Concen: 1.144 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 91 Resp: 15496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 21.9 | 11.8 | 35.3 |



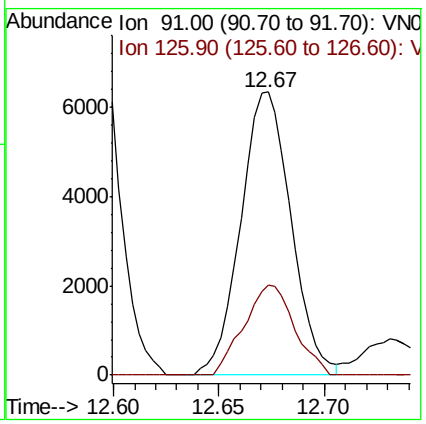


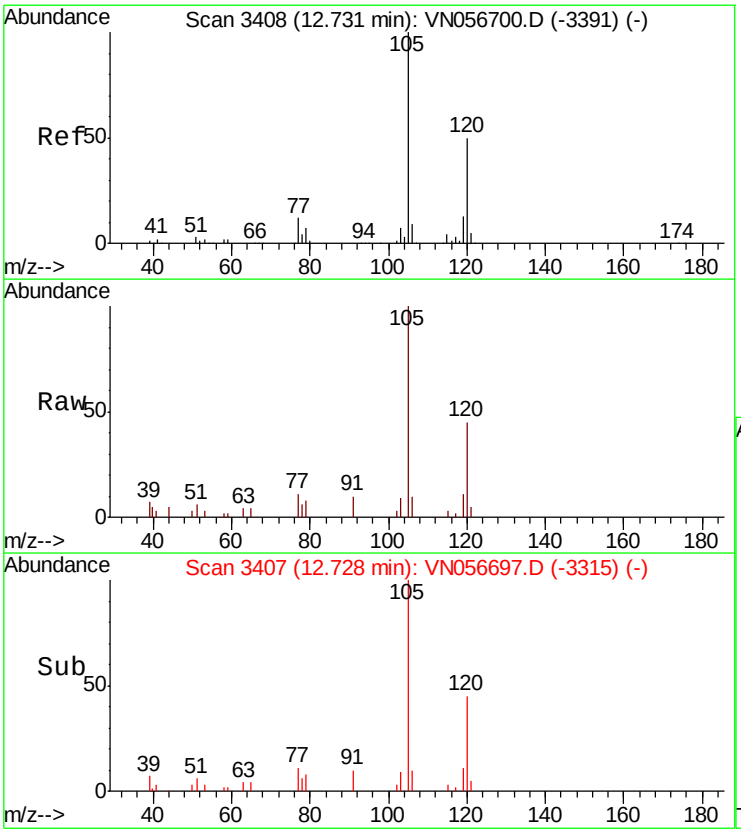

#79
2-Chlorotoluene
Concen: 1.237 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 91 Resp: 10535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 31.8 | 17.9 | 53.7 |

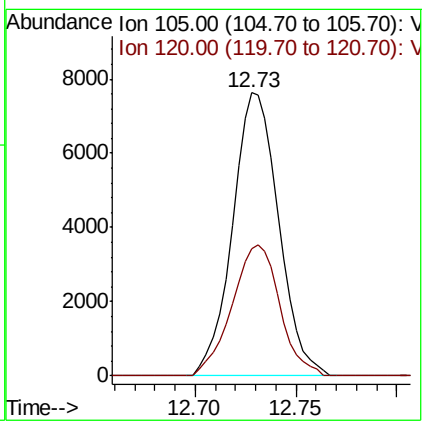


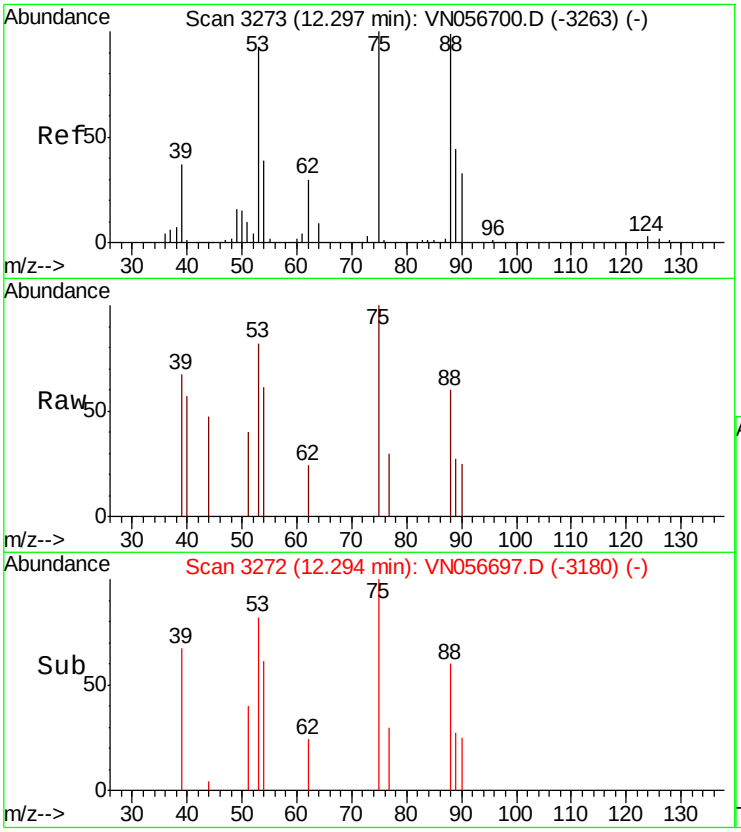




#80
1,3,5-Trimethylbenzene
Concen: 1.154 ug/l
RT: 12.73 min Scan# 3407
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion:105 Resp: 12224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.7 | 24.8 | 74.3 |



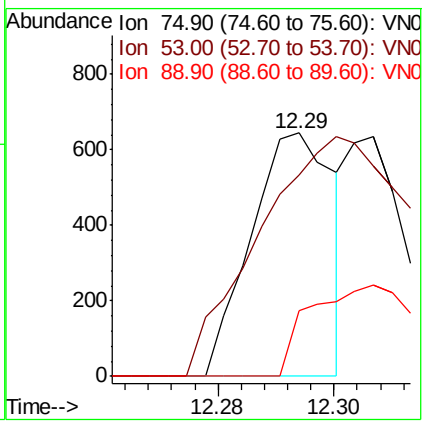


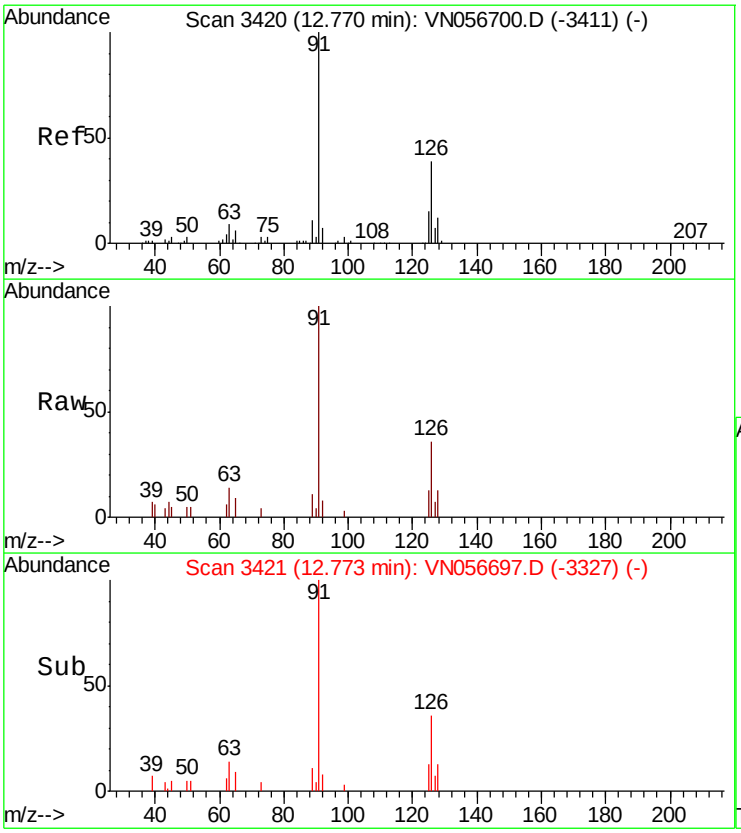

#81
trans-1,4-Dichloro-2-butene
Concen: 0.702 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 75 Resp: 638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 178.7 | 73.7 | 110.5# |
| 89 | 42.9 | 36.2 | 54.2 |

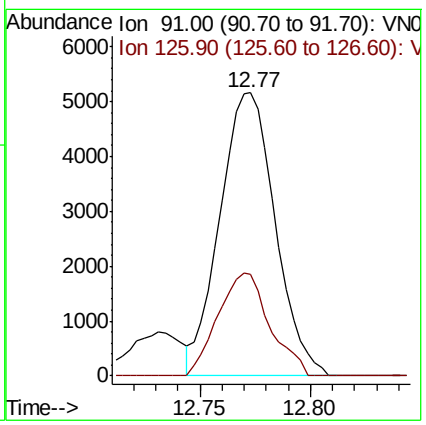


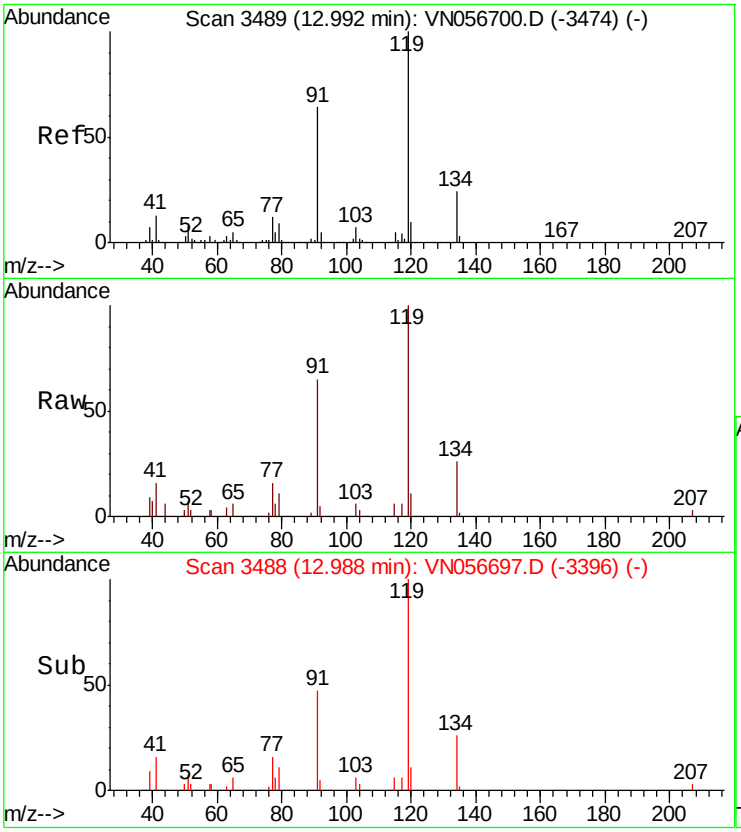




#82
4-Chlorotoluene
Concen: 1.122 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 91 Resp: 8966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.9 | 17.6 | 52.8 |



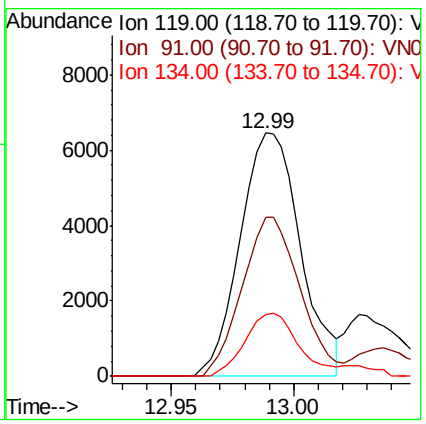


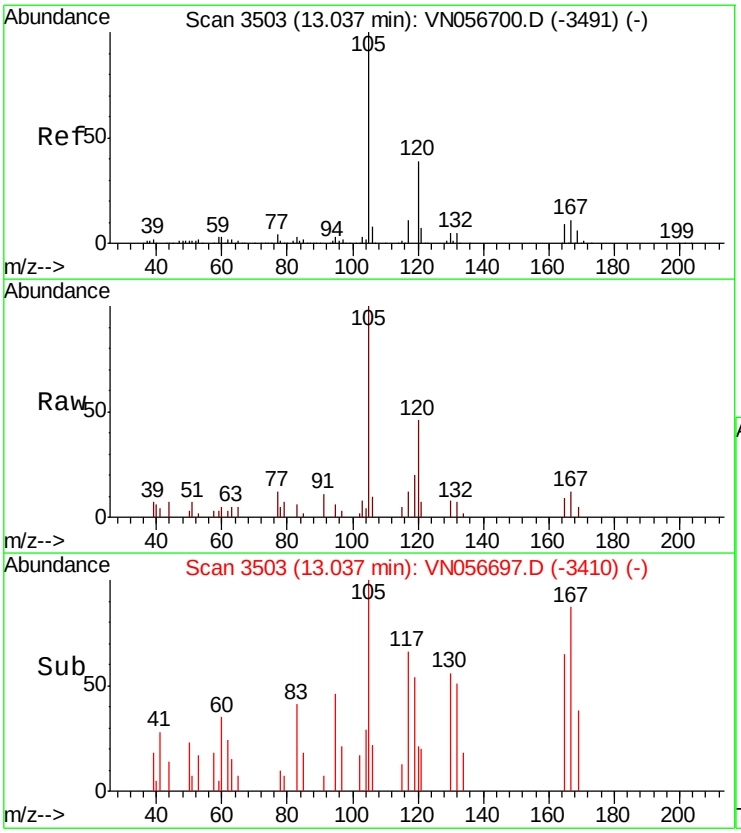

#83
tert-Butylbenzene
Concen: 1.151 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion:119 Resp: 11091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 63.1 | 31.8 | 95.4 |
| 134 | 23.1 | 13.0 | 38.9 |

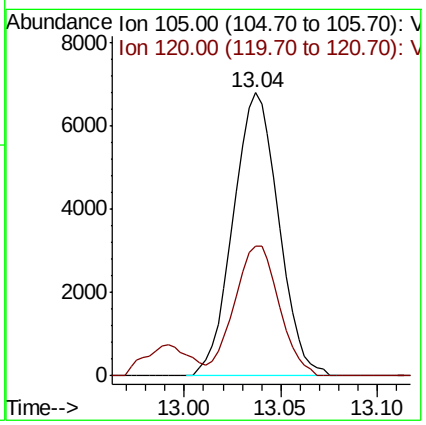


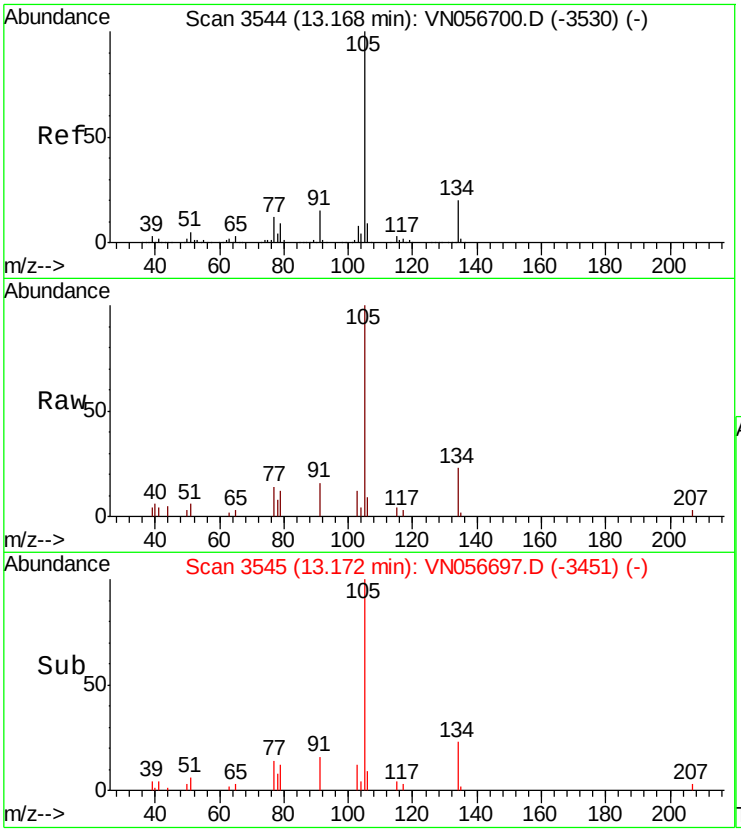




#84
1,2,4-Trimethylbenzene
Concen: 1.115 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion:105 Resp: 11117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.4 | 22.9 | 68.8 |



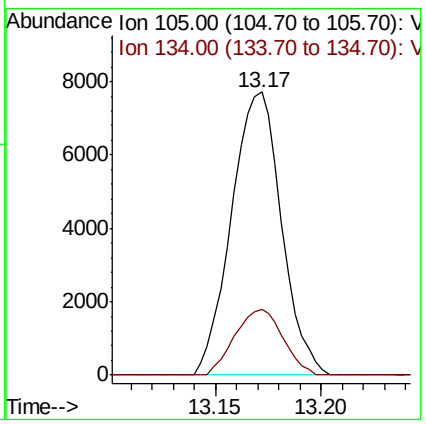


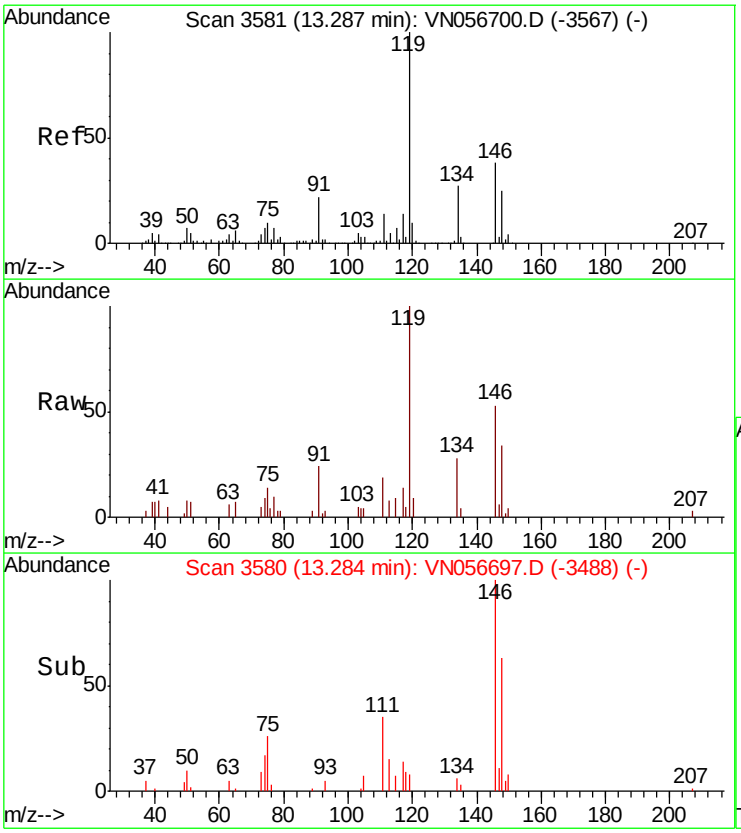

#85
sec-Butylbenzene
Concen: 1.071 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:105 Resp: 12698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 22.5 | 10.1 | 30.1 |

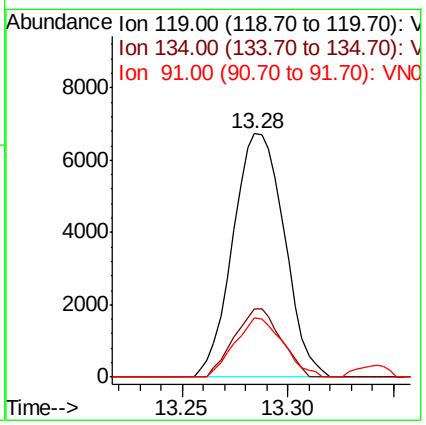


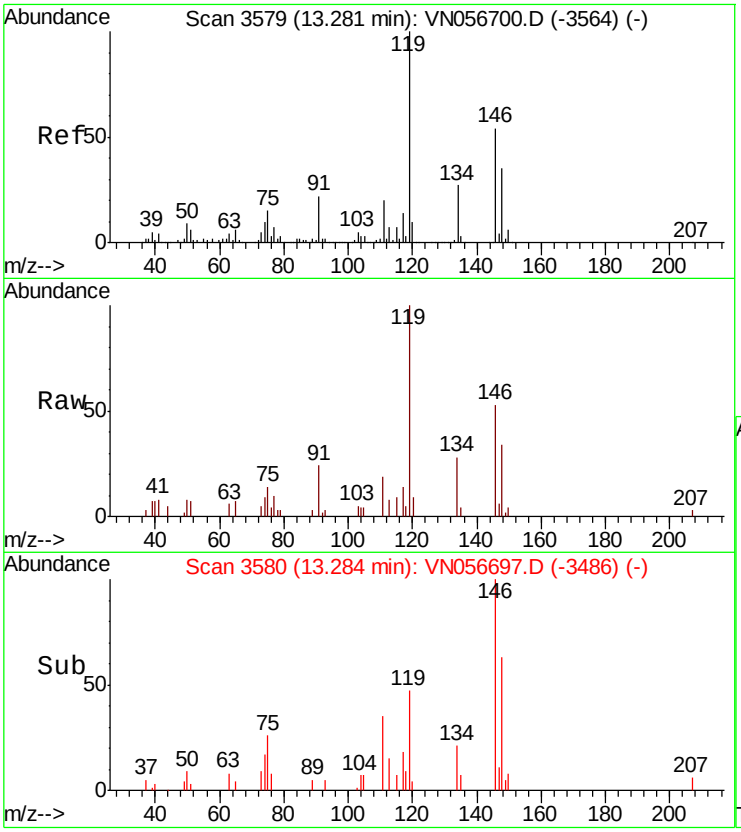




#86
p-Isopropyltoluene
Concen: 1.115 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion:119 Resp: 11386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.4 | 13.6 | 40.7 |
| 91 | 22.9 | 11.2 | 33.5 |



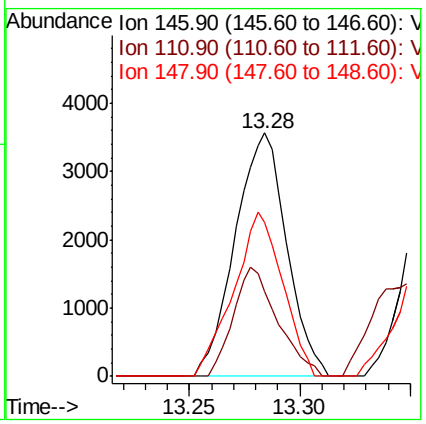


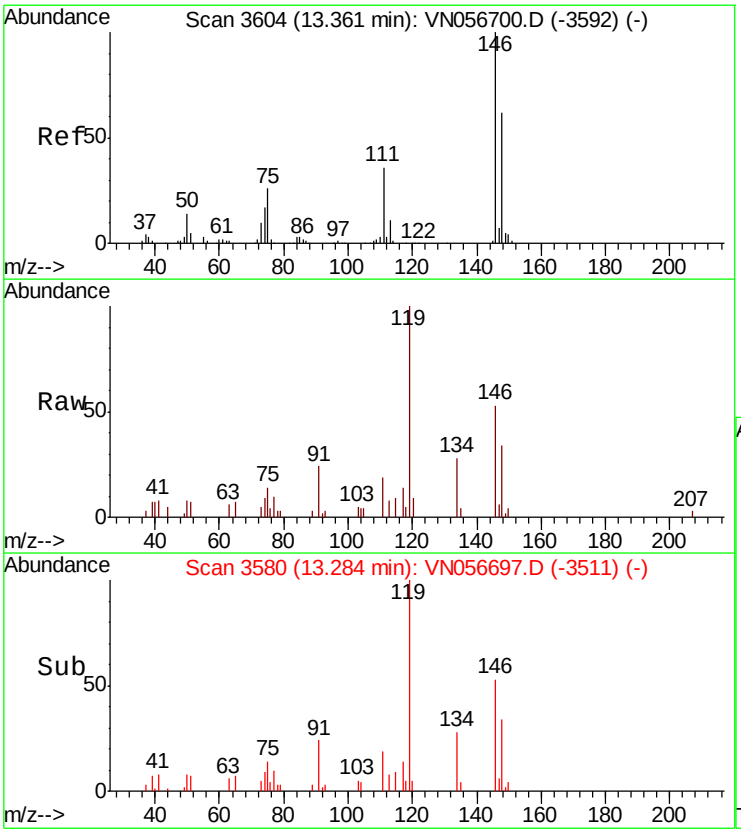

#87
1,3-Dichlorobenzene
Concen: 1.155 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:146 Resp: 5794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.6 | 18.8 | 56.3 |
| 148 | 63.9 | 32.3 | 96.8 |

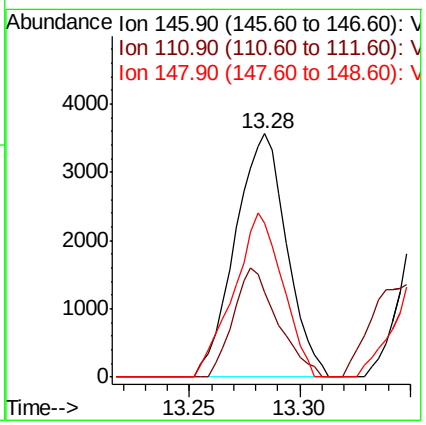


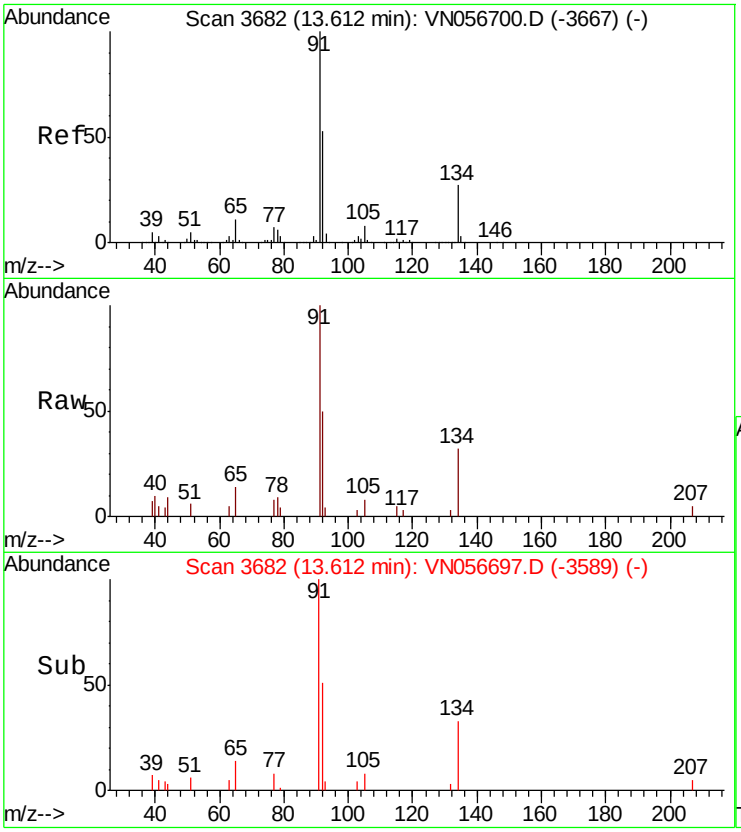




#88
1,4-Dichlorobenzene
Concen: 1.187 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. -0.08 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion:146 Resp: 5794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.6 | 18.6 | 55.8 |
| 148 | 63.9 | 31.9 | 95.7 |



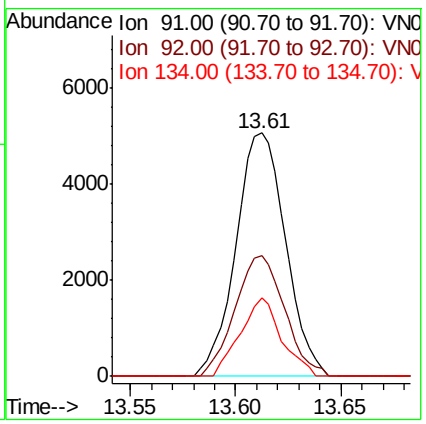


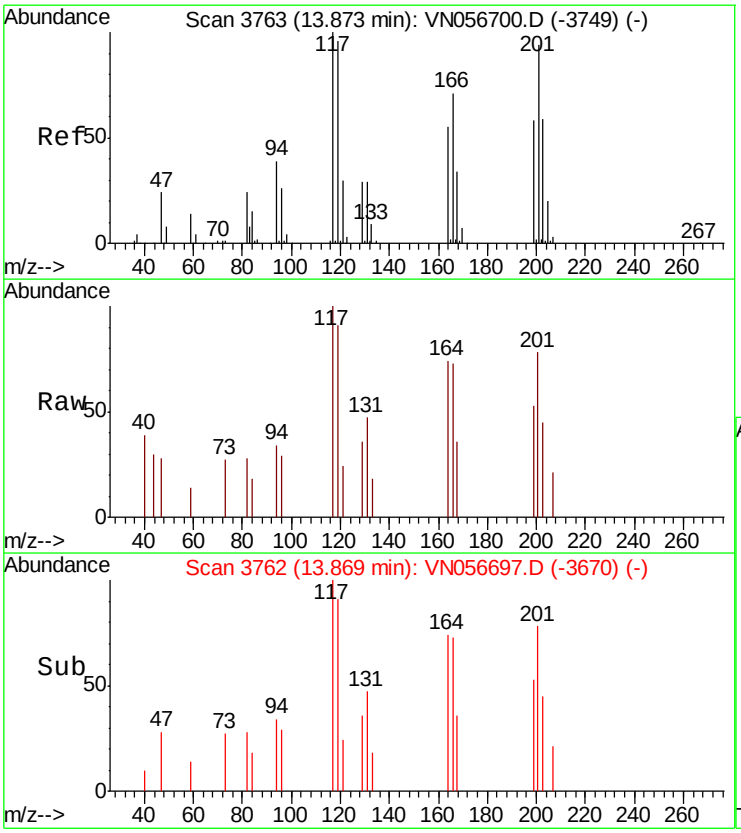

#89
n-Butylbenzene
Concen: 1.054 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion: 91 Resp: 8281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 49.5 | 26.0 | 78.0 |
| 134 | 26.8 | 13.4 | 40.2 |

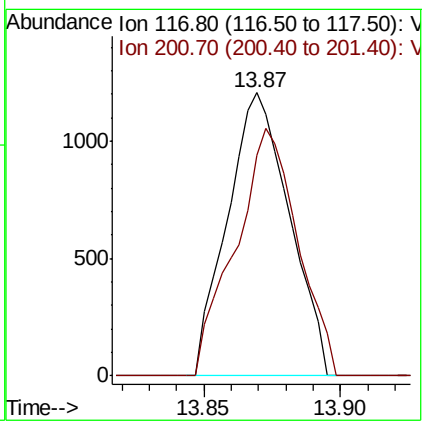


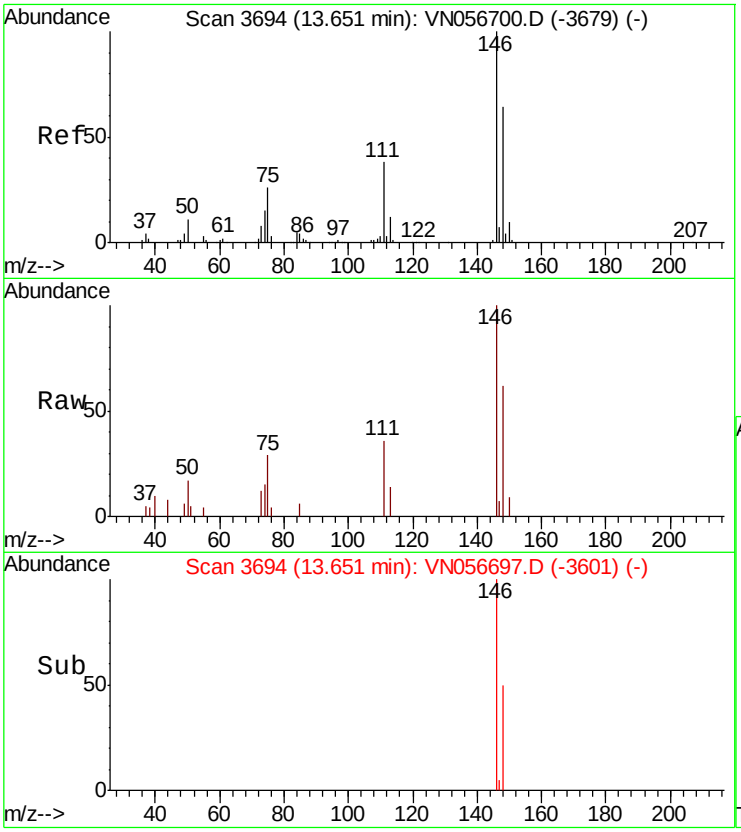




#90
Hexachloroethane
Concen: 1.184 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion:117 Resp: 1901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 87.8 | 46.5 | 139.5 |



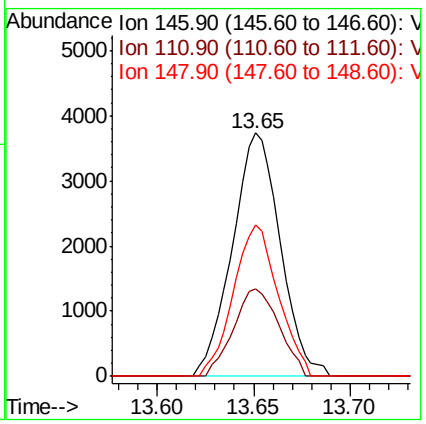


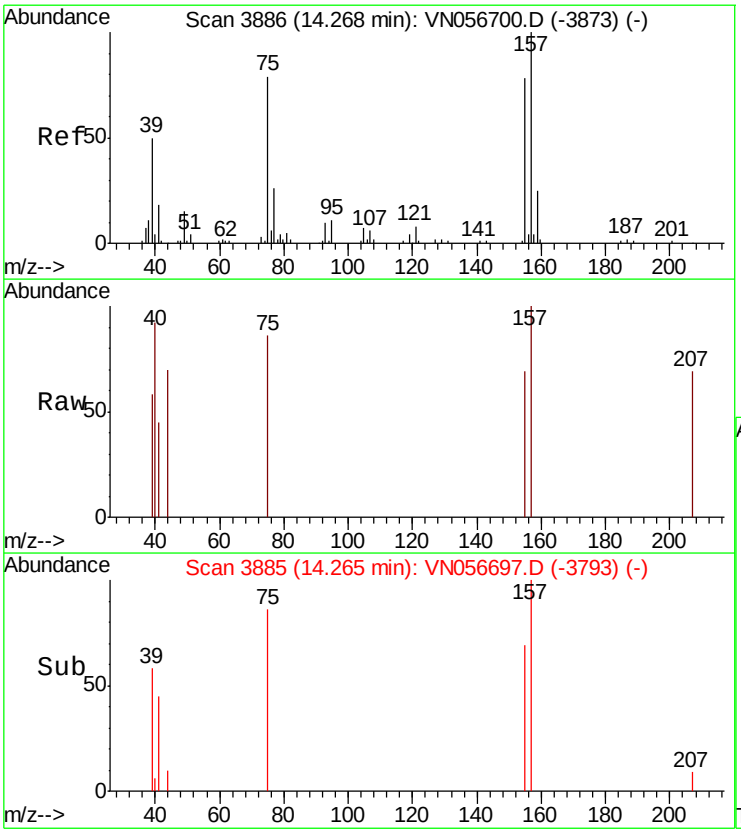

#91
1,2-Dichlorobenzene
Concen: 1.290 ug/l
RT: 13.65 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion:146 Resp: 6436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 34.1 | 19.1 | 57.1 |
| 148 | 58.0 | 31.7 | 95.1 |

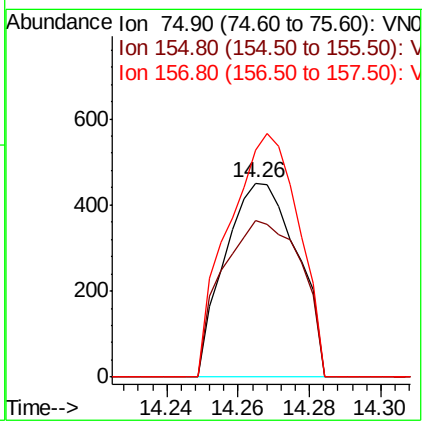


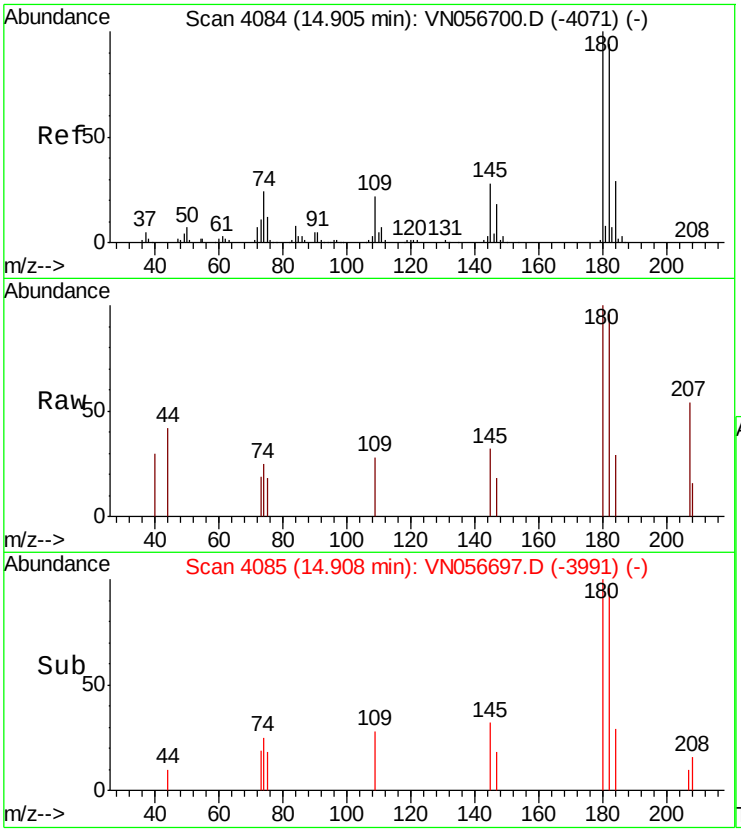




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.122 ug/l
RT: 14.26 min Scan# 3885
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion: 75 Resp: 627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 88.5 | 49.3 | 147.9 |
| 157 | 122.2 | 62.4 | 187.1 |



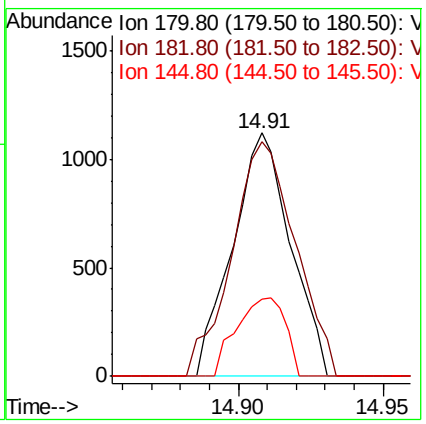


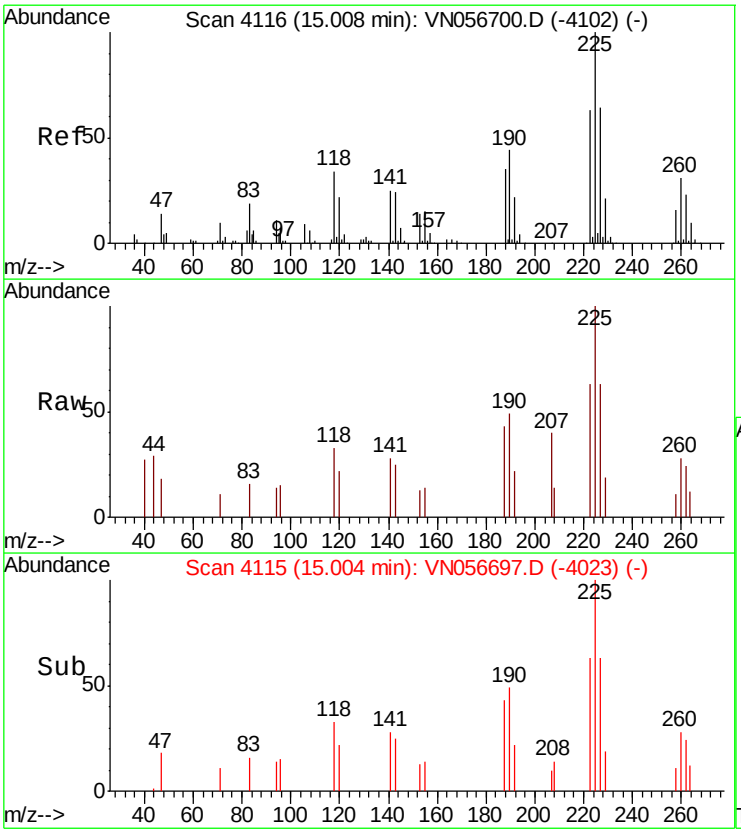

#93
1,2,4-Trichlorobenzene
Concen: 0.722 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:180 Resp: 1555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 105.5 | 47.2 | 141.6 |
| 145 | 27.1 | 14.2 | 42.8 |

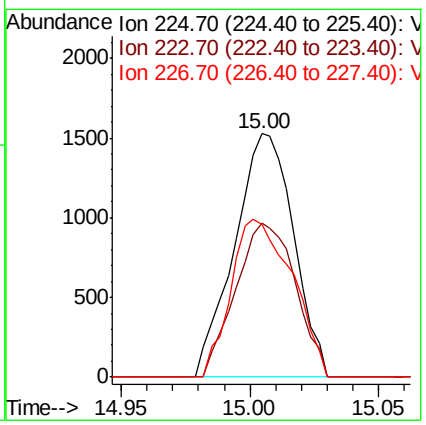


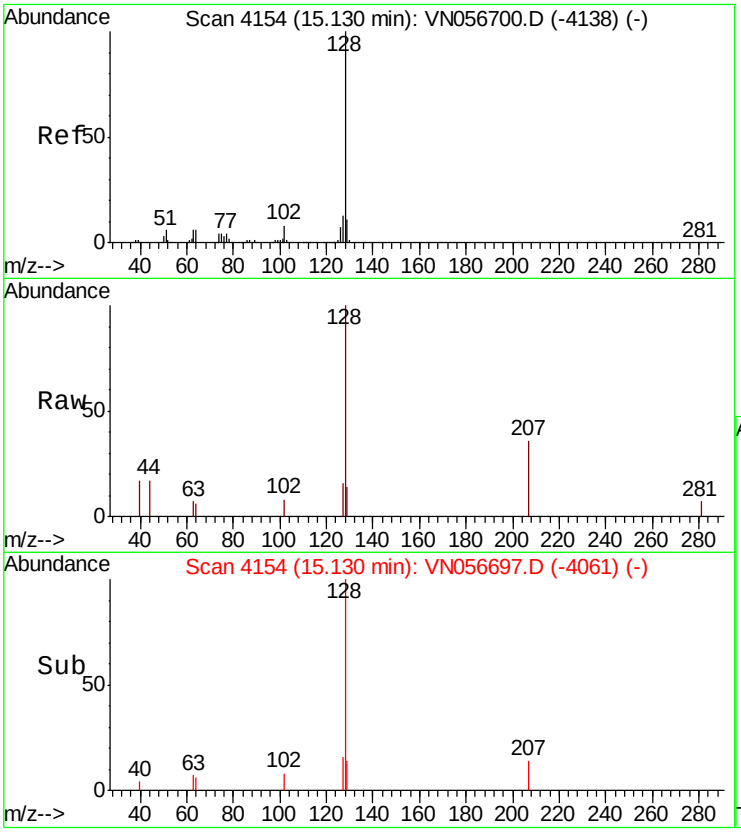




#94
Hexachlorobutadiene
Concen: 1.290 ug/l
RT: 15.00 min Scan# 4115
Delta R.T. -0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion:225 Resp: 2440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.9 | 31.5 | 94.5 |
| 227 | 67.1 | 32.0 | 96.2 |



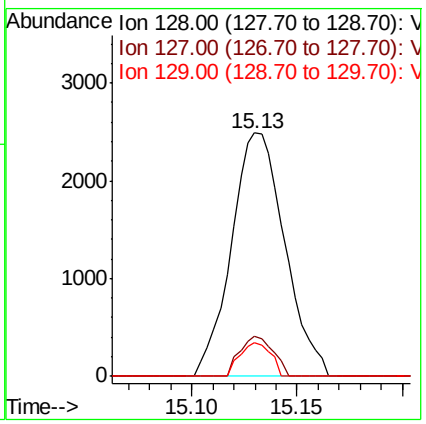


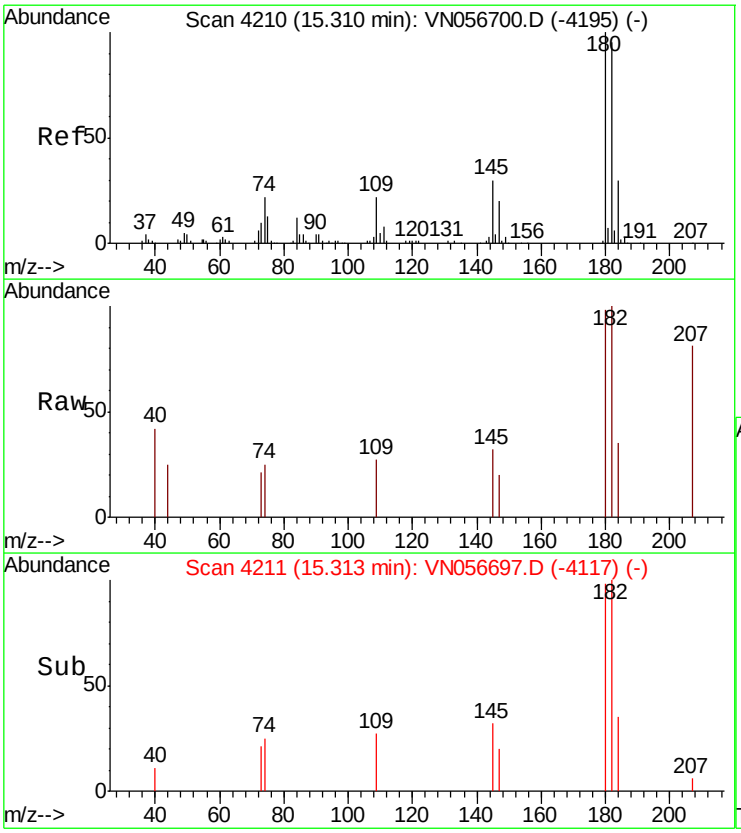

#95
Naphthalene
Concen: 0.772 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion:128 Resp: 4385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 10.1 | 10.3 | 15.5# |
| 129 | 7.9 | 8.7 | 13.1# |




#96
1,2,3-Trichlorobenzene
Concen: 0.762 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN056697.D
Acq: 15 Jul 2019 8:49

Tgt Ion:180 Resp: 1748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 114.2 | 47.1 | 141.3 |
| 145 | 31.6 | 15.0 | 45.1 |