Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV073118\
Data File : VV006776.D
Acq On : 31 Jul 2018 09:48
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 01 01:38:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 31 07:41:28 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 216452 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 200725 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 93124 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 52162 | 4.63 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 92.60% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 44839 | 5.07 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 101.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 113031 | 5.11 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 102.20% | | | |
| 20) 2-Butanone-d5 | 3.95 | 46 | 153066 | 43.49 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 86.98% | | | |
| 24) Chloroform-d | 4.40 | 84 | 109688 | 5.19 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 103.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.09 | 65 | 53621 | 5.20 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 104.00% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 212648 | 5.15 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 103.00% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 70002 | 5.02 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 100.40% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 188395 | 5.22 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 104.40% | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 23122 | 5.08 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 101.60% | | | |
| 46) 2-Hexanone-d5 | 8.14 | 63 | 123910 | 43.03 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 86.06% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27 | 84 | 53725 | 4.73 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 94.60% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 66288 | 4.78 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 95.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.14 | 85 | 99246 | 5.095 | ug/L # | 85 |
| 3) Chloromethane | 1.25 | 50 | 96658 | 5.845 | ug/L | 98 |
| 5) Vinyl chloride | 1.32 | 62 | 106128 | 5.124 | ug/L | 97 |
| 6) Bromomethane | 1.54 | 94 | 32685 | 6.448 | ug/L | 97 |
| 8) Chloroethane | 1.60 | 64 | 62648 | 5.526 | ug/L | 99 |
| 9) Trichlorofluoromethane | 1.77 | 101 | 131702 | 5.543 | ug/L | 100 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.14 | 101 | 82770 | 5.716 | ug/L | 99 |
| 12) 1,1-Dichloroethene | 2.14 | 96 | 75529 | 5.327 | ug/L | 96 |
| 13) Acetone | 2.20 | 43 | 114794 | 51.258 | ug/L | 100 |
| 14) Carbon disulfide | 2.32 | 76 | 229371 | 4.810 | ug/L | 99 |
| 15) Methyl Acetate | 2.46 | 43 | 33418 | 5.034 | ug/L | 97 |
| 16) Methylene chloride | 2.54 | 84 | 83227 | 5.120 | ug/L | 98 |
| 17) Methyl tert-butyl Ether | 2.81 | 73 | 184241 | 5.297 | ug/L | 99 |
| 18) trans-1,2-Dichloroethene | 2.79 | 96 | 81382 | 5.284 | ug/L | 99 |
| 19) 1,1-Dichloroethane | 3.23 | 63 | 153942 | 5.433 | ug/L | 99 |
| 21) 2-Butanone | 4.04 | 43 | 185350 | 49.412 | ug/L | 100 |
| 22) cis-1,2-Dichloroethene | 3.96 | 96 | 85223 | 5.307 | ug/L | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV073118\
Data File : VV006776.D
Acq On : 31 Jul 2018 09:48
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 01 01:38:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 31 07:41:28 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 23) Bromochloromethane | 4.30 | 128 | 34260 | 5.184 | ug/L | 96 |
| 25) Chloroform | 4.43 | 83 | 145263 | 5.464 | ug/L | 98 |
| 27) 1,2-Dichloroethane | 5.19 | 62 | 83118 | 5.329 | ug/L | 100 |
| 29) 1,1,1-Trichloroethane | 4.66 | 97 | 120122 | 5.562 | ug/L | 99 |
| 30) Cyclohexane | 4.72 | 56 | 129267 | 5.346 | ug/L | 100 |
| 31) Carbon tetrachloride | 4.87 | 117 | 102512 | 5.554 | ug/L | 100 |
| 33) Benzene | 5.15 | 78 | 333049 | 5.519 | ug/L | 100 |
| 34) Trichloroethene | 5.96 | 95 | 82543 | 5.419 | ug/L | 97 |
| 35) Methylcyclohexane | 6.18 | 83 | 140010 | 5.502 | ug/L | 99 |
| 37) 1,2-Dichloropropane | 6.22 | 63 | 83878 | 5.415 | ug/L | 100 |
| 38) Bromodichloromethane | 6.56 | 83 | 94115 | 5.439 | ug/L | 98 |
| 39) cis-1,3-Dichloropropene | 7.08 | 75 | 107205 | 5.313 | ug/L | 100 |
| 40) 4-Methyl-2-pentanone | 7.28 | 43 | 439418 | 51.602 | ug/L | 99 |
| 42) Toluene | 7.43 | 91 | 344648 | 5.547 | ug/L | 100 |
| 44) trans-1,3-Dichloropropene | 7.70 | 75 | 85747 | 5.404 | ug/L | 96 |
| 45) 1,1,2-Trichloroethane | 7.89 | 97 | 55561 | 5.326 | ug/L | 97 |
| 47) Tetrachloroethene | 8.02 | 164 | 67244 | 5.558 | ug/L | 99 |
| 48) 2-Hexanone | 8.19 | 43 | 307748 | 51.794 | ug/L | 99 |
| 49) Dibromochloromethane | 8.30 | 129 | 58958 | 5.340 | ug/L | 100 |
| 50) 1,2-Dibromoethane | 8.40 | 107 | 49583 | 5.318 | ug/L | 99 |
| 51) Chlorobenzene | 8.93 | 112 | 217160 | 5.373 | ug/L | 100 |
| 52) Ethylbenzene | 9.06 | 91 | 360228 | 5.439 | ug/L | 99 |
| 53) m,p-xylene | 9.19 | 106 | 138368 | 5.533 | ug/L | 99 |
| 54) o-xylene | 9.59 | 106 | 132292 | 5.431 | ug/L | 99 |
| 55) Styrene | 9.61 | 104 | 227331 | 5.533 | ug/L | 96 |
| 56) Isopropylbenzene | 9.98 | 105 | 351707 | 5.560 | ug/L | 99 |
| 58) 1,1,2,2-Tetrachloroethane | 10.29 | 83 | 63274 | 4.958 | ug/L | 97 |
| 59) 1,2,3-Trichloropropane | 10.32 | 75 | 47521 | 5.212 | ug/L | 98 |
| 61) Bromoform | 9.78 | 173 | 29117 | 5.144 | ug/L | 99 |
| 62) 1,3-Dichlorobenzene | 11.23 | 146 | 153591 | 5.335 | ug/L | 99 |
| 63) 1,4-Dichlorobenzene | 11.32 | 146 | 158369 | 5.398 | ug/L | 99 |
| 65) 1,2-Dichlorobenzene | 11.69 | 146 | 148920 | 5.311 | ug/L | 99 |
| 66) 1,2-Dibromo-3-chloropropan | 12.48 | 75 | 7992 | 4.762 | ug/L | 97 |
| 67) 1,3,5-Trichlorobenzene | 12.70 | 180 | 119235 | 5.425 | ug/L | 99 |
| 68) 1,2,4-trichlorobenzene | 13.32 | 180 | 88138 | 5.048 | ug/L | 99 |
| 69) Naphthalene | 13.56 | 128 | 133710 | 4.475 | ug/L | 100 |
| 70) 1,2,3-Trichlorobenzene | 13.80 | 180 | 83952 | 5.081 | ug/L | 99 |

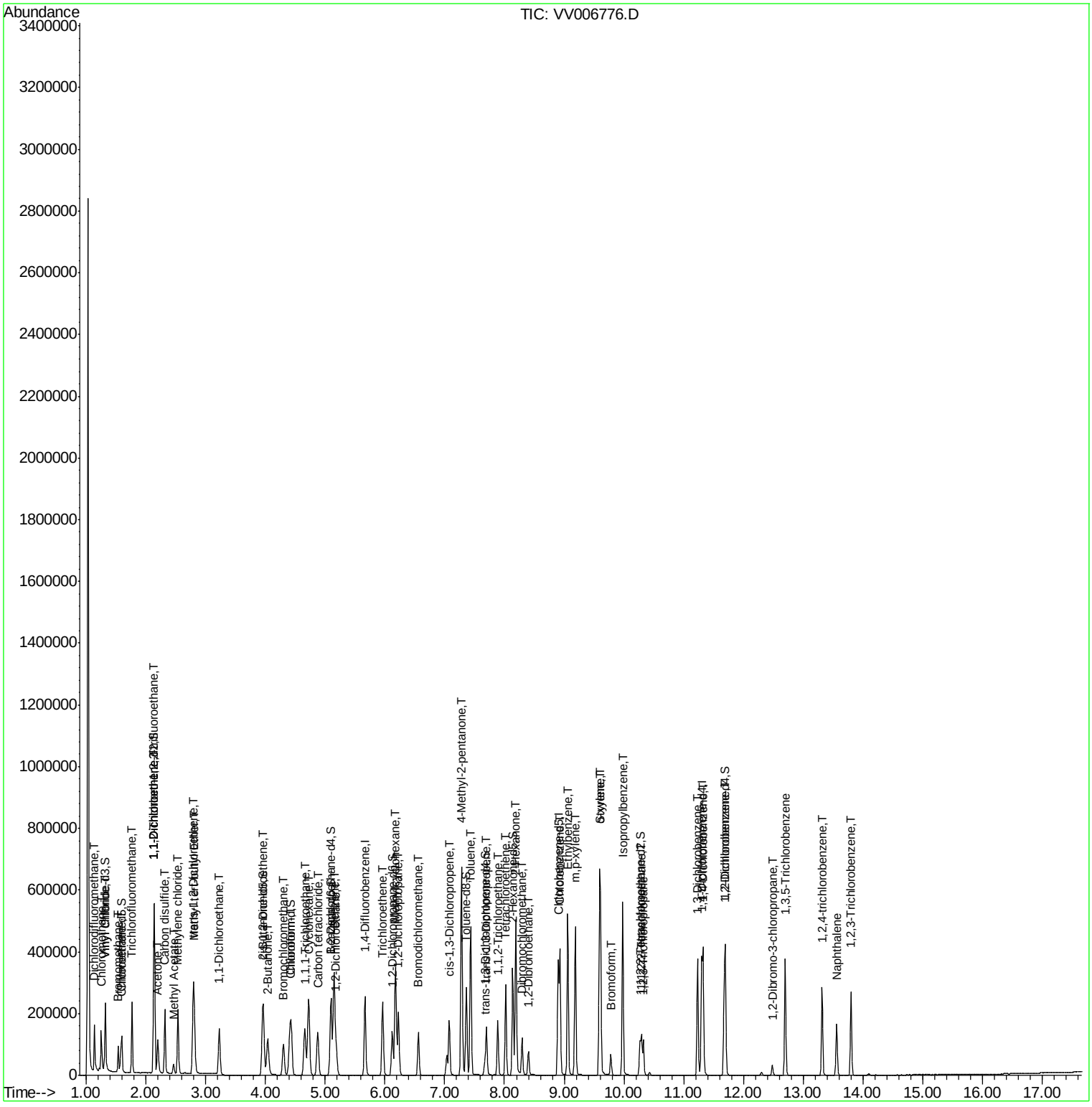
(#) = qualifier out of range (m) = manual integration (+) = signals summed

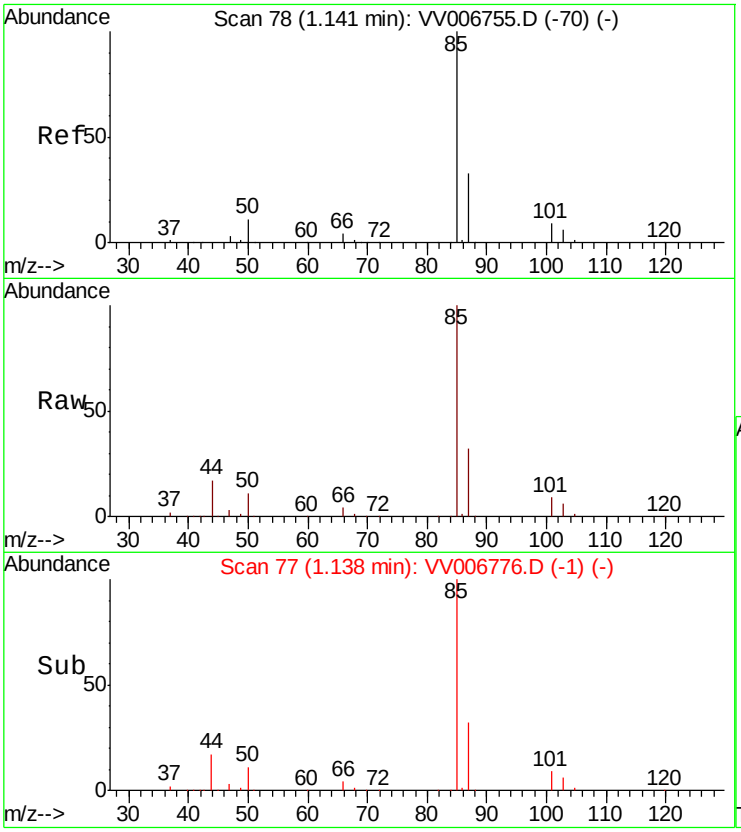
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV073118\
Data File : VV006776.D
Acq On : 31 Jul 2018 09:48
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 01 01:38:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 31 07:41:28 2018
Response via : Initial Calibration



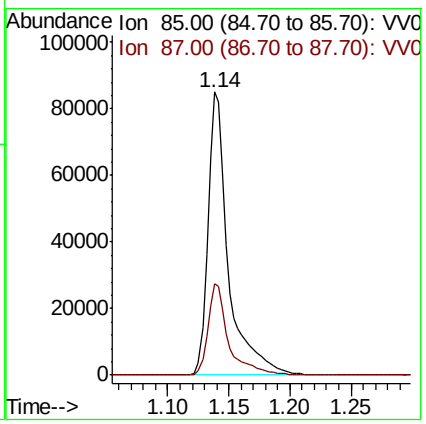


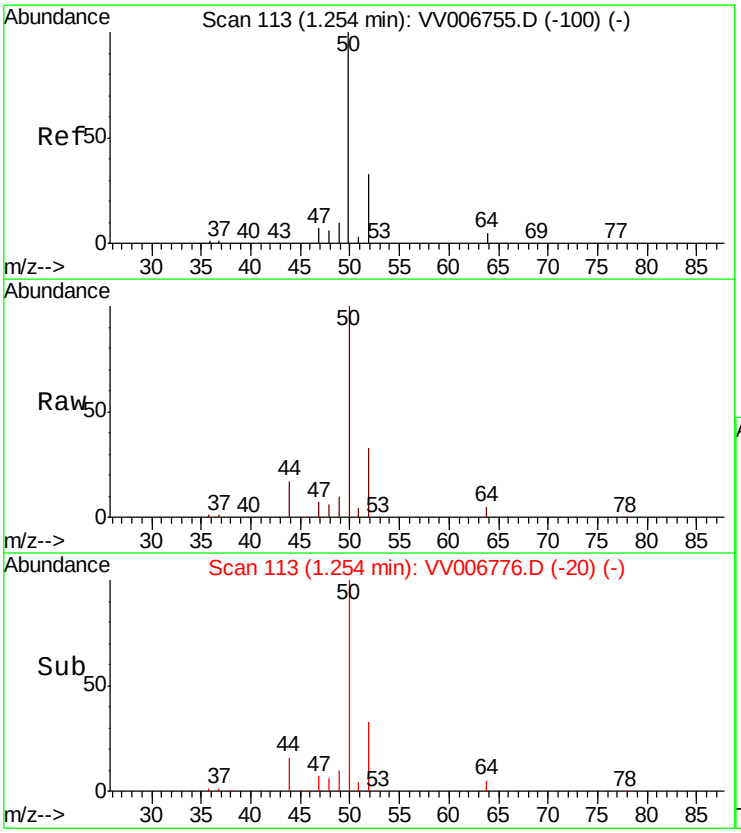

#2
Dichlorodifluoromethane
Concen: 5.095 ug/L
RT: 1.14 min Scan# 77
Delta R.T. -0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion: 85 Resp: 99246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.6 | 19.9 | 29.9# |

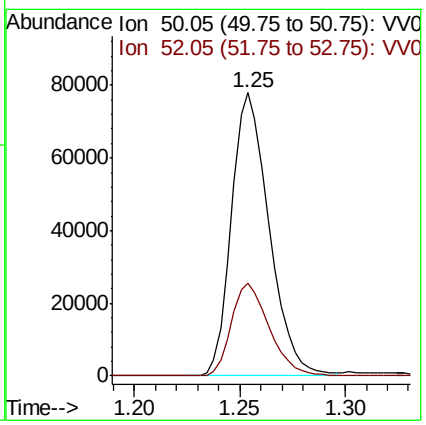


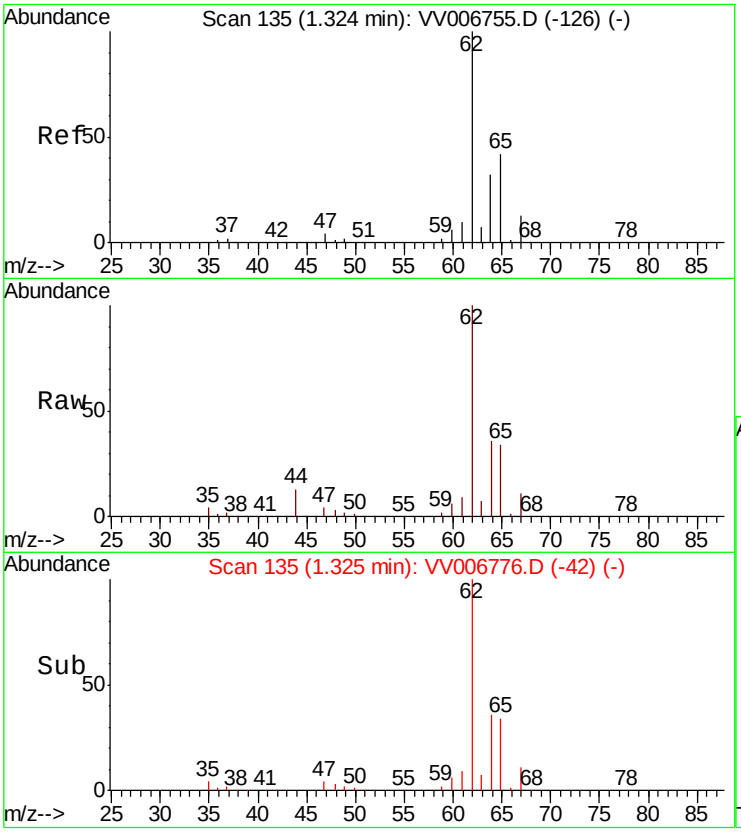




#3
Chloromethane
Concen: 5.845 ug/L
RT: 1.25 min Scan# 113
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion: 50 Resp: 96658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.9 | 22.1 | 41.1 |



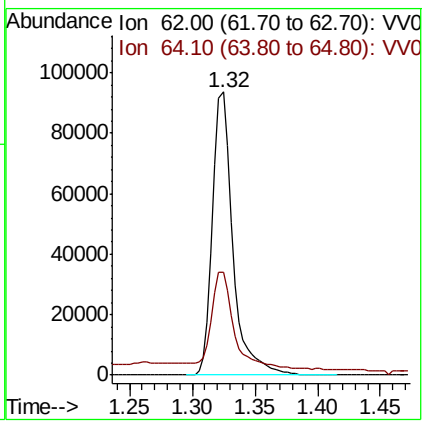


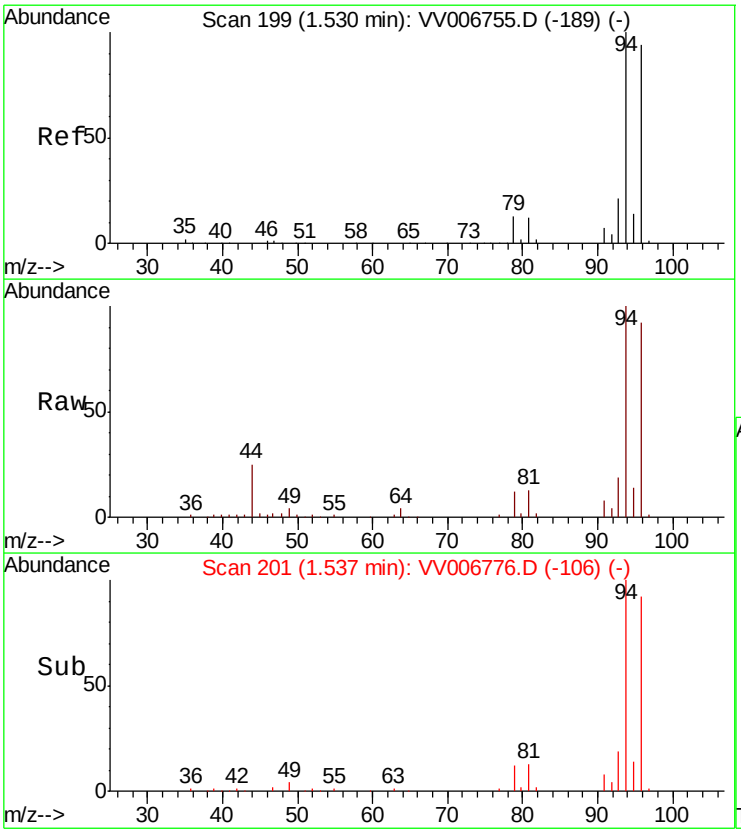

#5
Vinyl chloride
Concen: 5.124 ug/L
RT: 1.32 min Scan# 135
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion: 62 Resp: 106128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 36.3 | 26.5 | 49.3 |

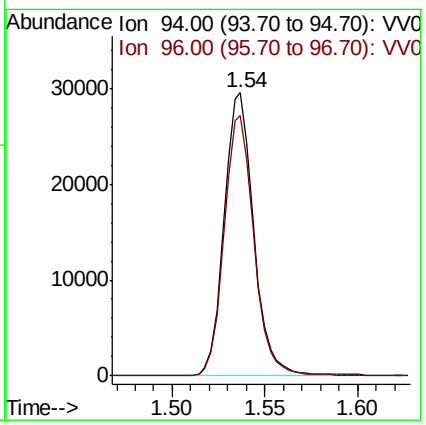


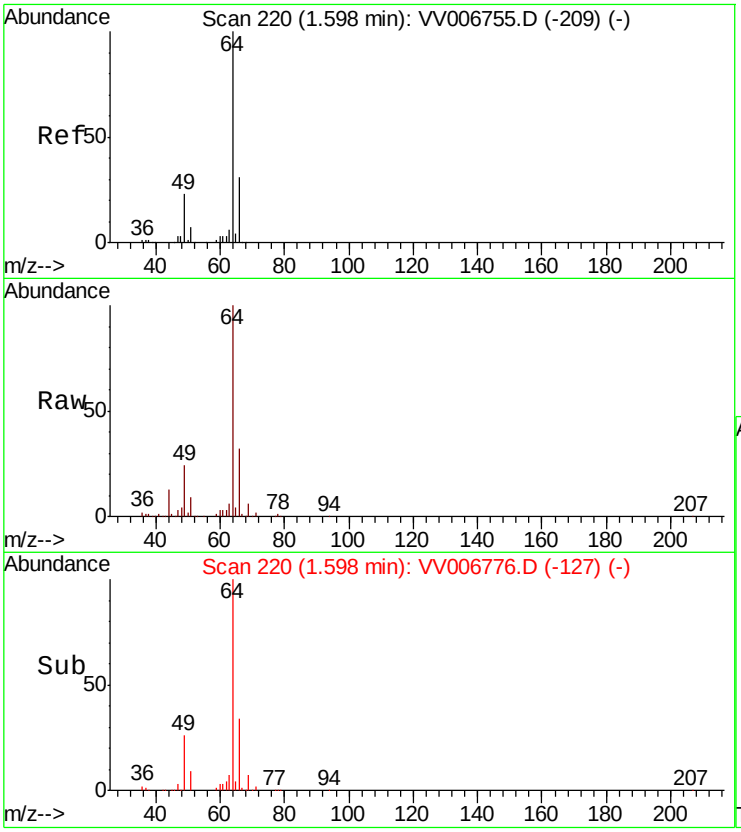




#6
Bromomethane
Concen: 6.448 ug/L
RT: 1.54 min Scan# 201
Delta R.T. 0.01 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion: 94 Resp: 32685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 91.8 | 66.4 | 123.4 |



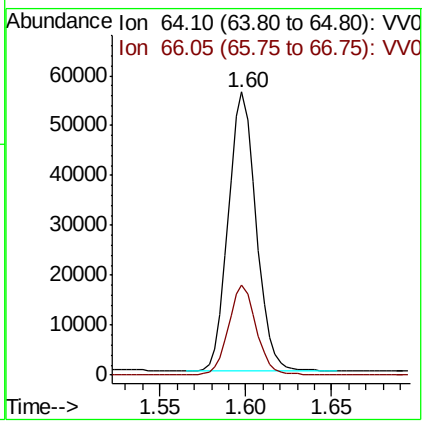


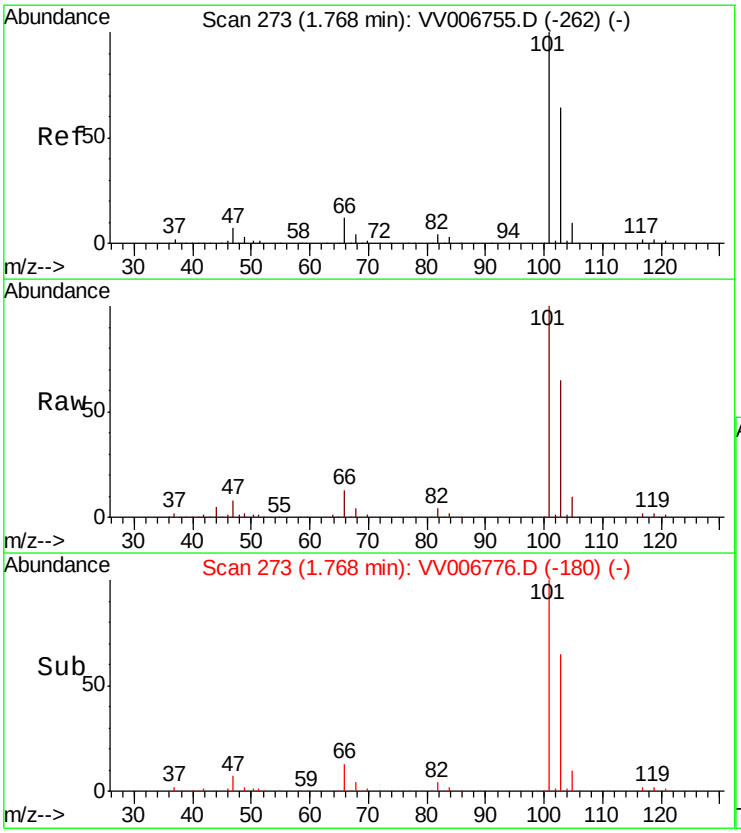

#8
Chloroethane
Concen: 5.526 ug/L
RT: 1.60 min Scan# 220
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion: 64 Resp: 62648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.7 | 21.8 | 40.4 |

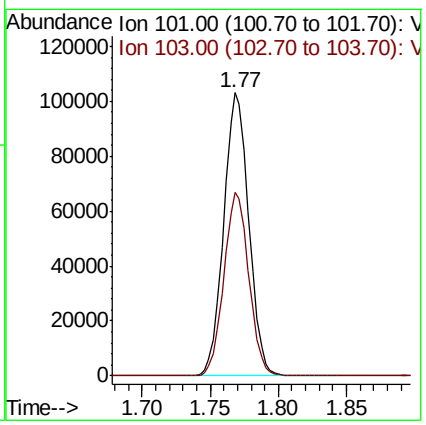


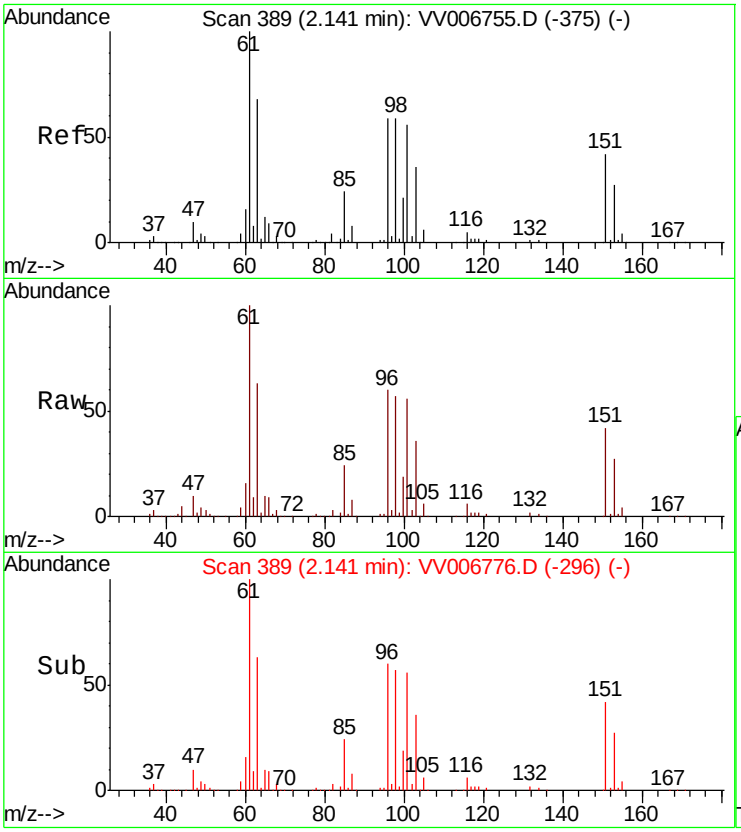




#9
Trichlorofluoromethane
Concen: 5.543 ug/L
RT: 1.77 min Scan# 273
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion:101 Resp: 131702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.4 | 51.8 | 77.6 |



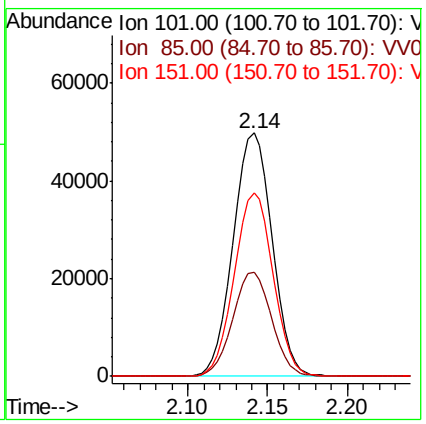


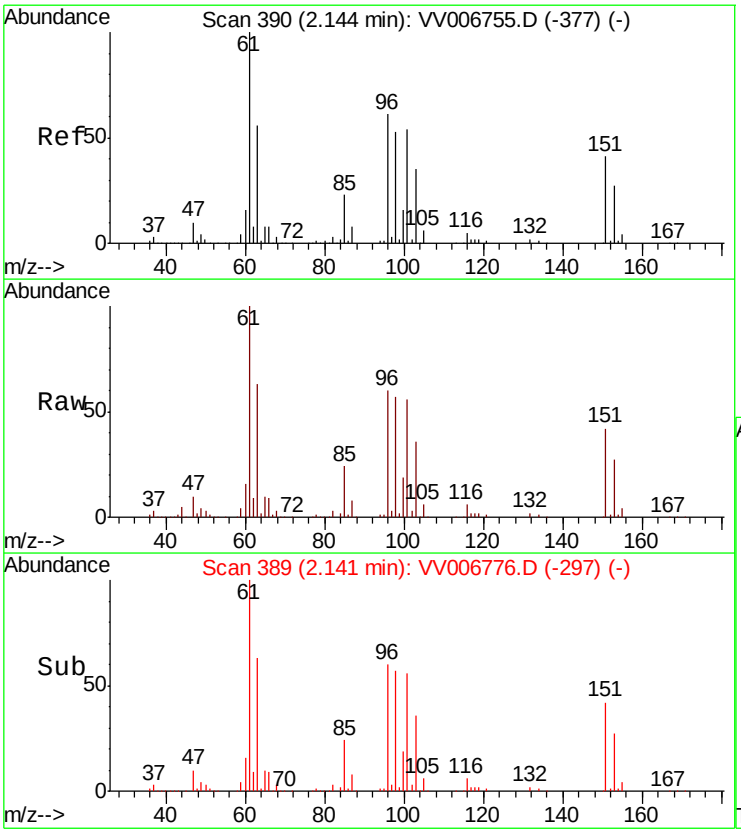

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.716 ug/L
RT: 2.14 min Scan# 389
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion:101 Resp: 82770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.6 | 33.1 | 49.7 |
| 151 | 74.9 | 59.7 | 89.5 |

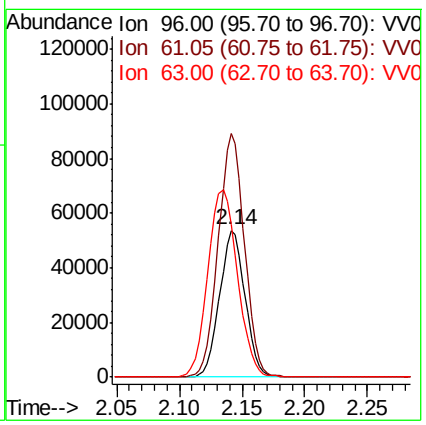


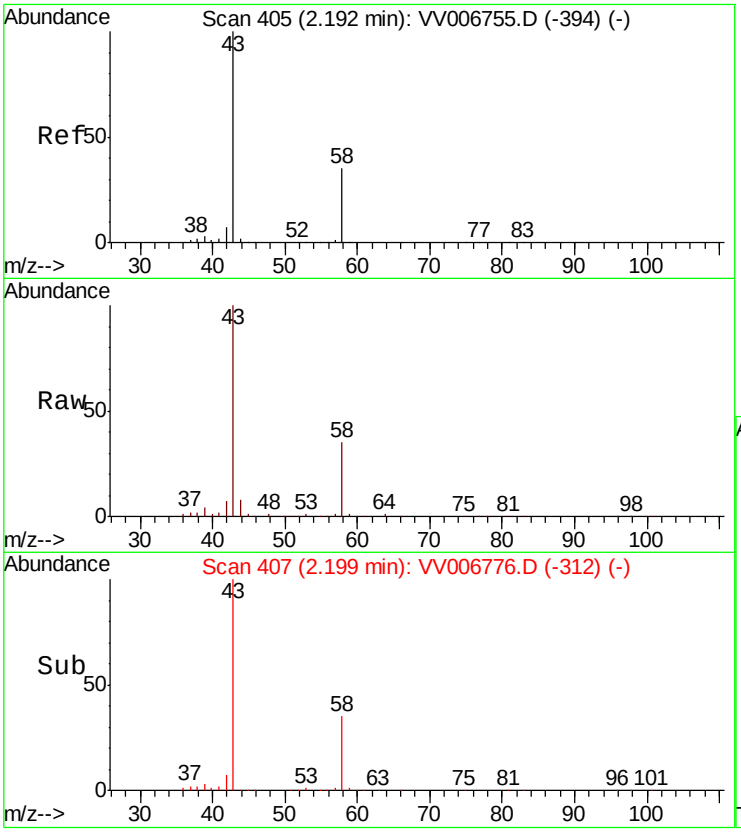




#12
1,1-Dichloroethene
Concen: 5.327 ug/L
RT: 2.14 min Scan# 389
Delta R.T. -0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion: 96 Resp: 75529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 165.9 | 113.5 | 210.9 |
| 63 | 104.1 | 69.5 | 129.1 |



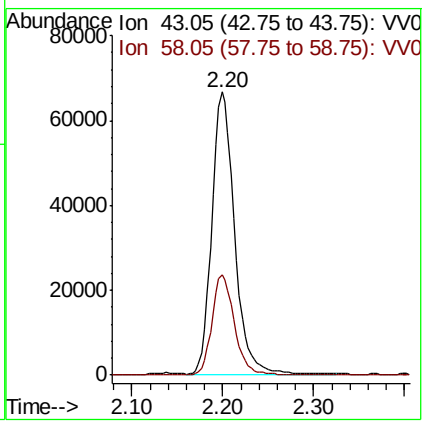


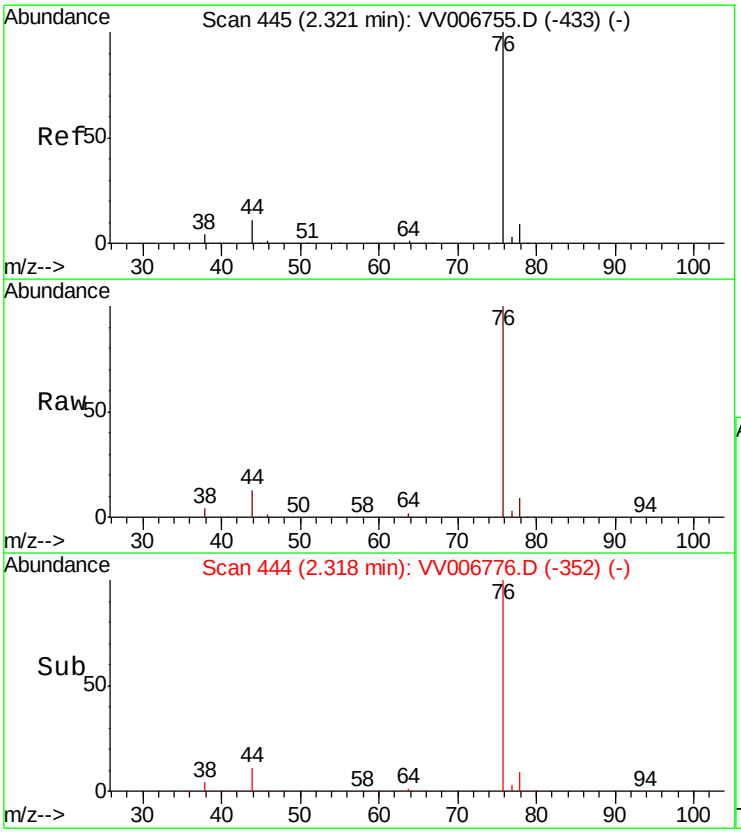

#13
Acetone
Concen: 51.258 ug/L
RT: 2.20 min Scan# 407
Delta R.T. 0.01 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion: 43 Resp: 114794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 35.6 | 0.0 | 71.4 |

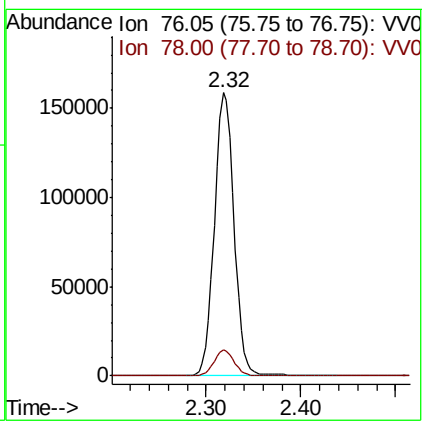


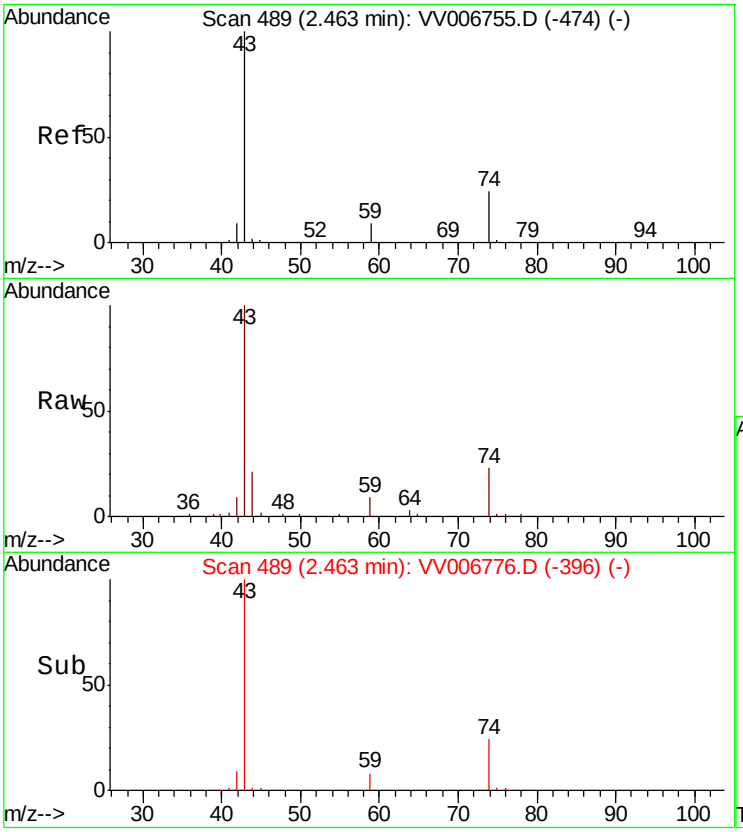




#14
Carbon disulfide
Concen: 4.810 ug/L
RT: 2.32 min Scan# 444
Delta R.T. -0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion: 76 Resp: 229371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.1 | 7.4 | 11.2 |



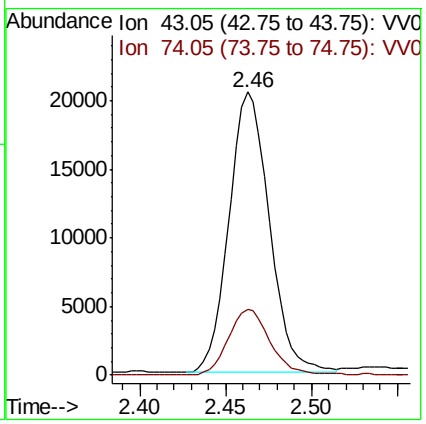


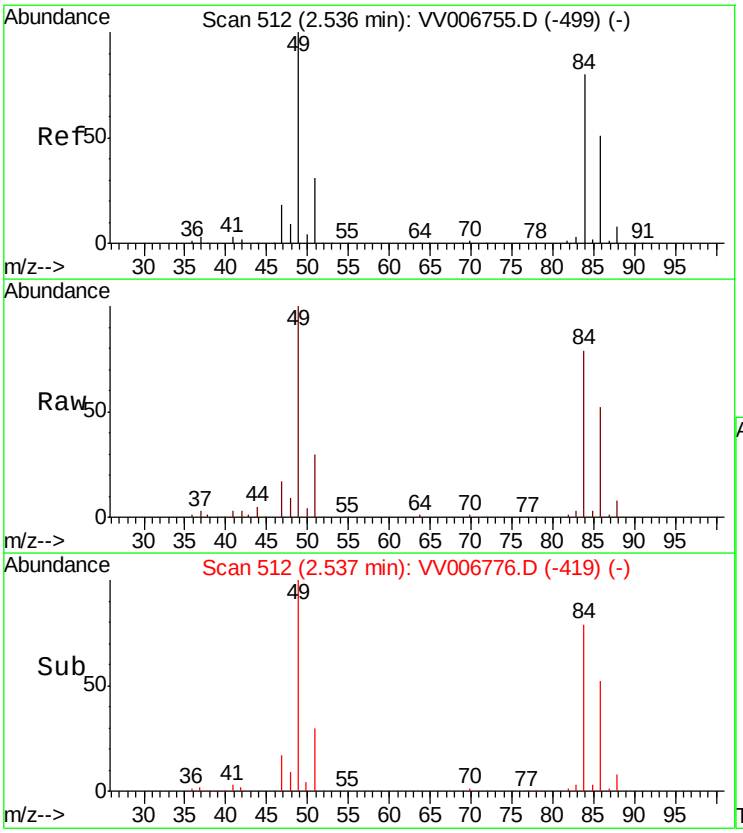

#15
Methyl Acetate
Concen: 5.034 ug/L
RT: 2.46 min Scan# 489
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion: 43 Resp: 33418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.1 | 20.6 | 31.0 |

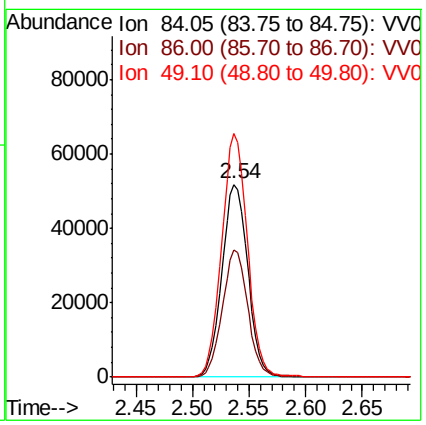


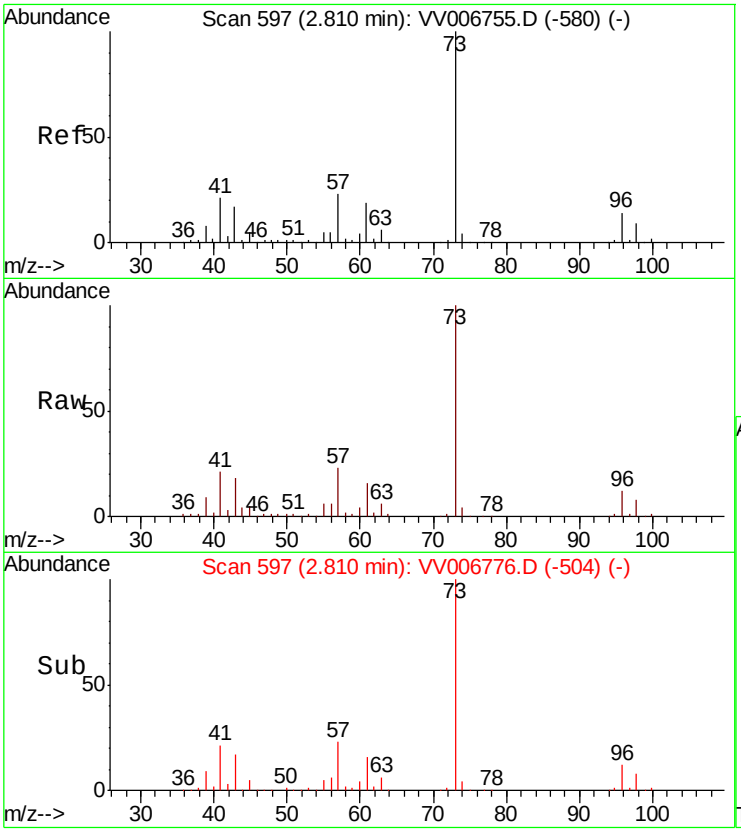




#16
Methylene chloride
Concen: 5.120 ug/L
RT: 2.54 min Scan# 512
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion: 84 Resp: 83227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 65.7 | 44.7 | 83.1 |
| 49 | 126.4 | 86.7 | 160.9 |



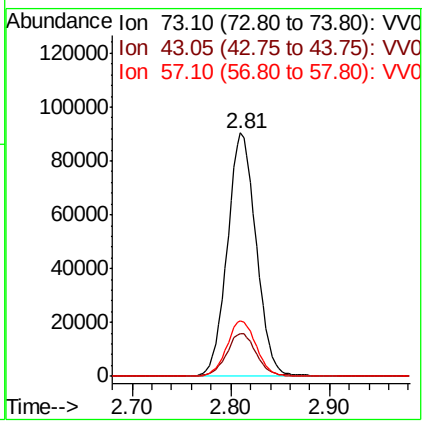


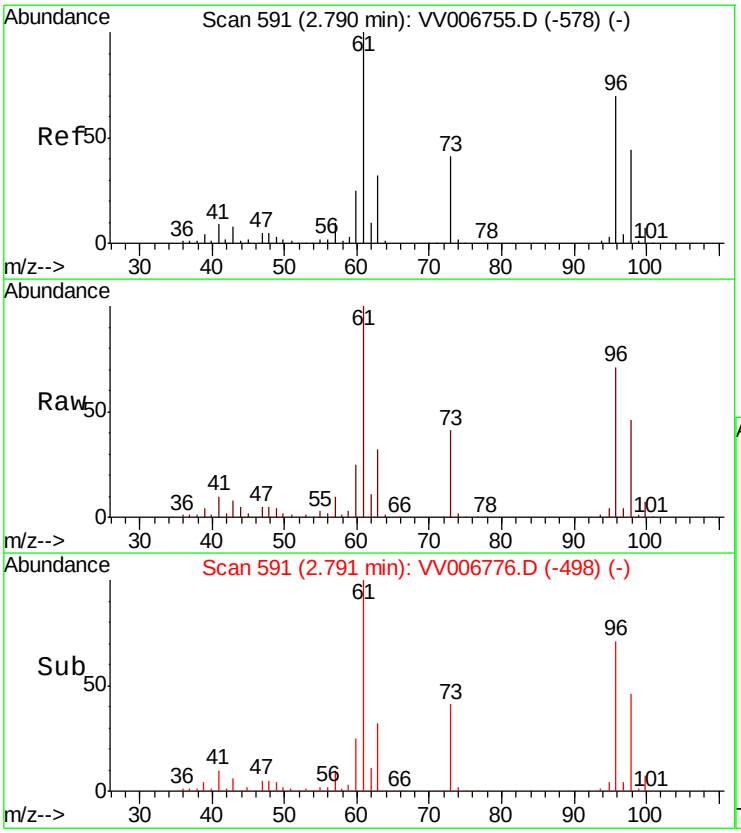

#17
Methyl tert-butyl Ether
Concen: 5.297 ug/L
RT: 2.81 min Scan# 597
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion: 73 Resp: 184241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 17.7 | 14.2 | 21.4 |
| 57 | 23.1 | 18.2 | 27.2 |

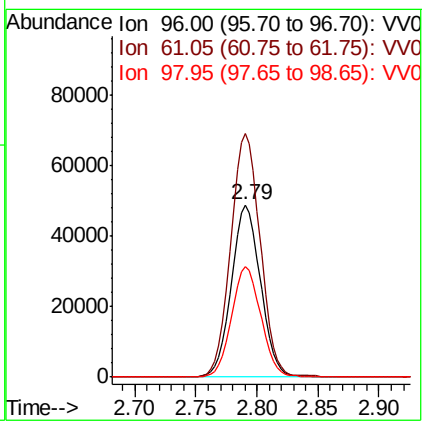


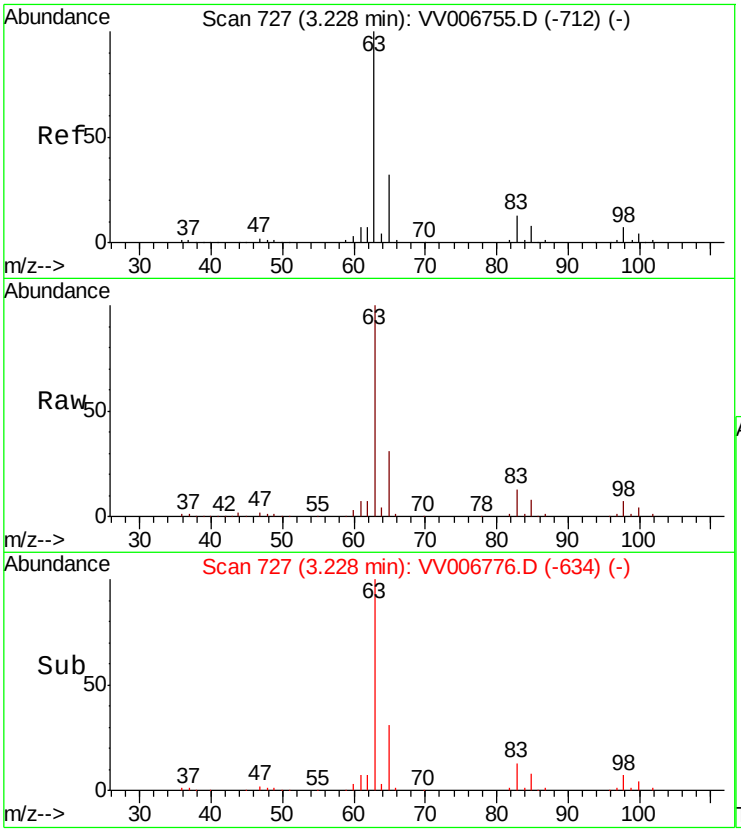




#18
trans-1,2-Dichloroethene
Concen: 5.284 ug/L
RT: 2.79 min Scan# 591
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion: 96 Resp: 81382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 141.2 | 98.5 | 182.9 |
| 98 | 64.3 | 45.4 | 84.4 |



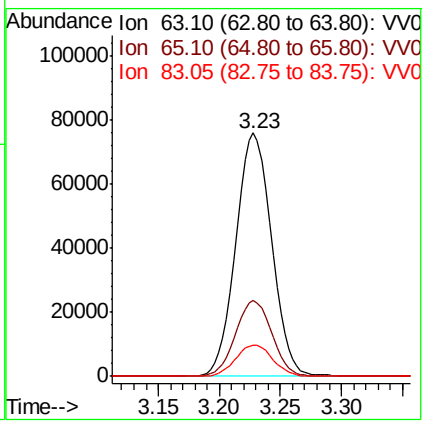


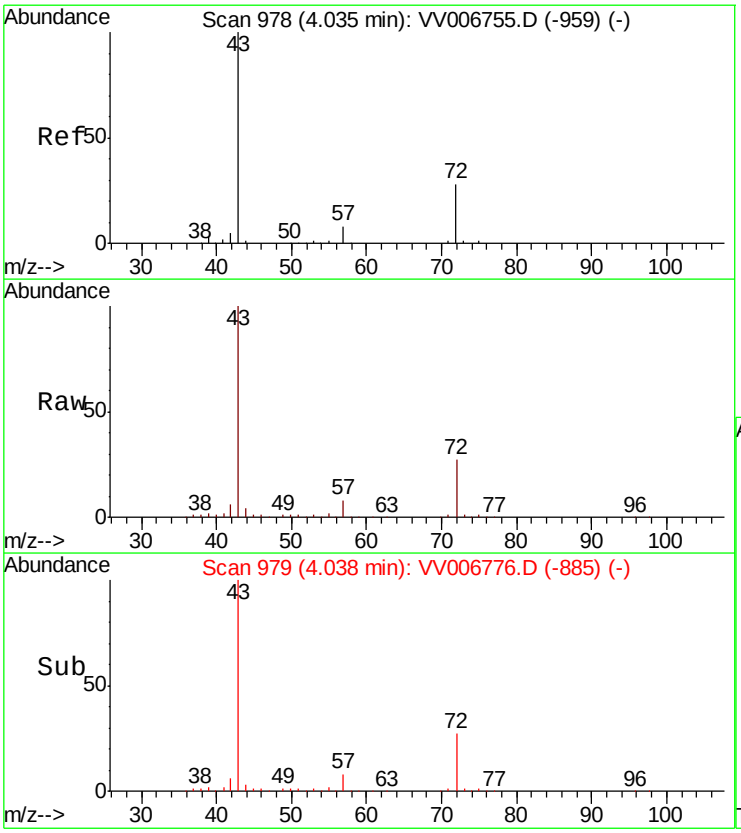

#19
1,1-Dichloroethane
Concen: 5.433 ug/L
RT: 3.23 min Scan# 727
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion: 63 Resp: 153942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.0 | 22.4 | 41.6 |
| 83 | 12.8 | 9.0 | 16.8 |

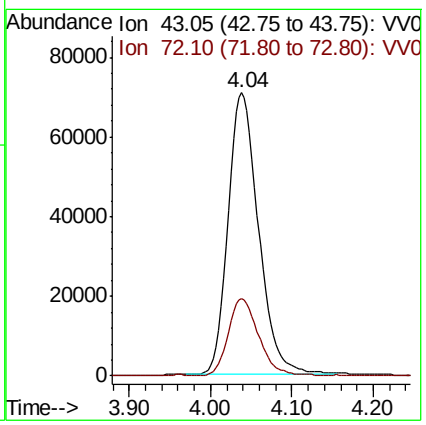


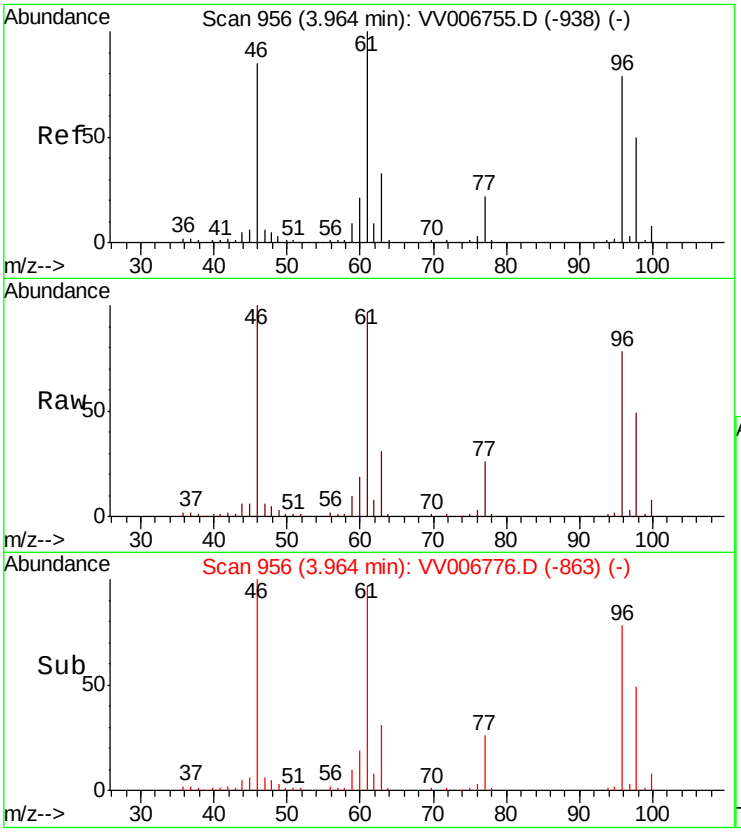




#21
2-Butanone
Concen: 49.412 ug/L
RT: 4.04 min Scan# 979
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion: 43 Resp: 185350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.7 | 13.8 | 41.4 |



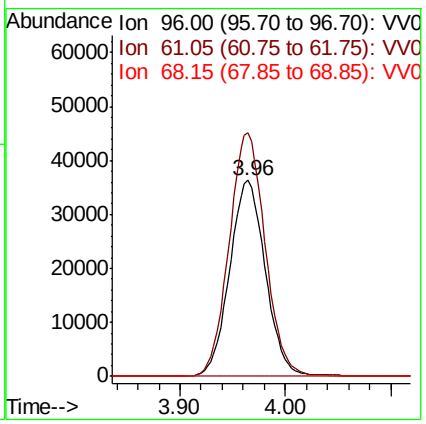


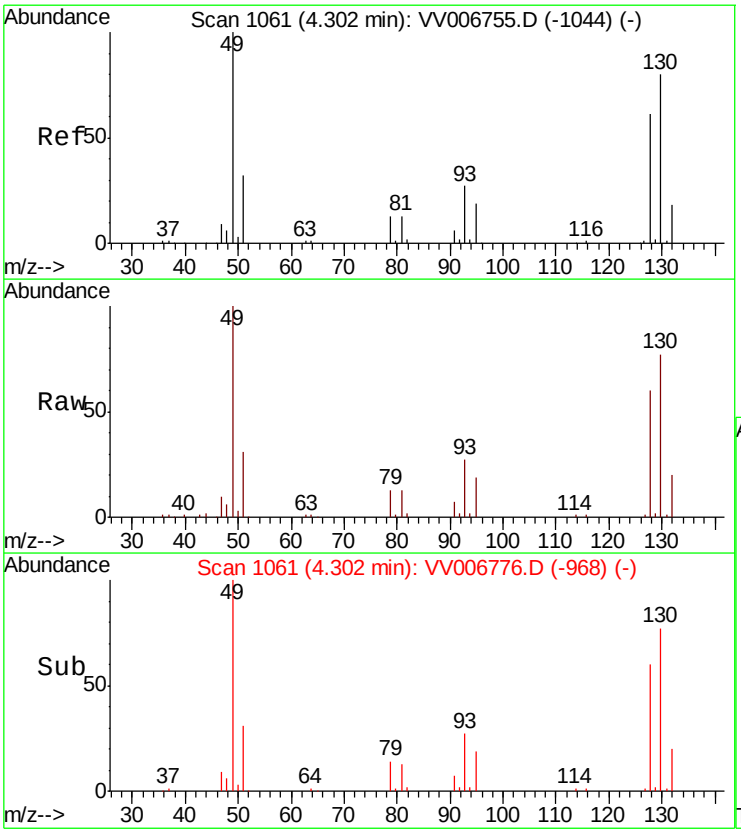

#22
cis-1,2-Dichloroethene
Concen: 5.307 ug/L
RT: 3.96 min Scan# 956
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion: 96 Resp: 85223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 124.3 | 85.5 | 158.9 |
| 68 | 0.0 | 0.0 | 0.0 |

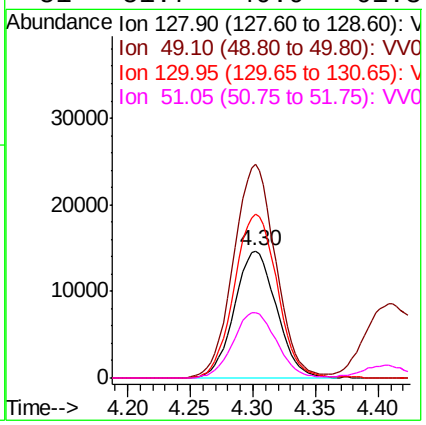


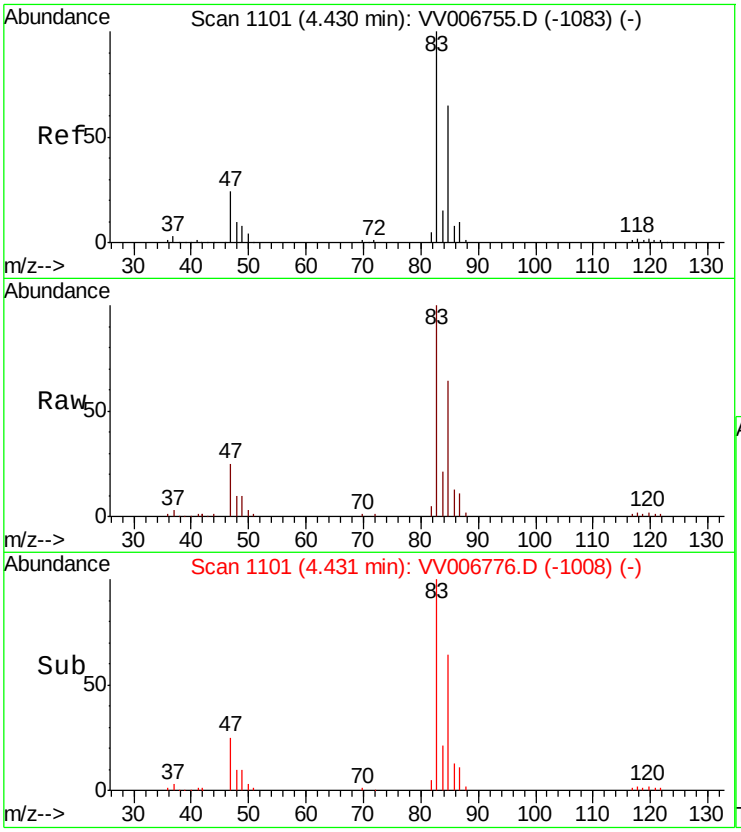




#23
Bromochloromethane
Concen: 5.184 ug/L
RT: 4.30 min Scan# 1061
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion:128 Resp: 34260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 167.9 | 112.6 | 209.0 |
| 130 | 128.9 | 87.1 | 161.7 |
| 51 | 51.7 | 40.9 | 61.3 |



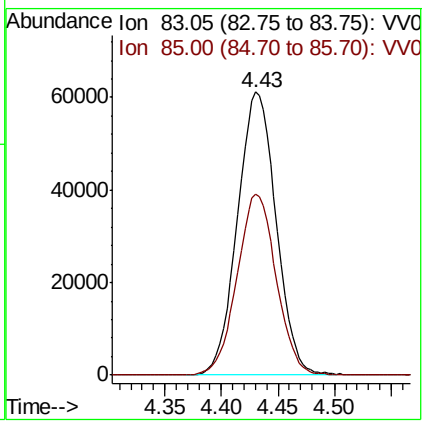


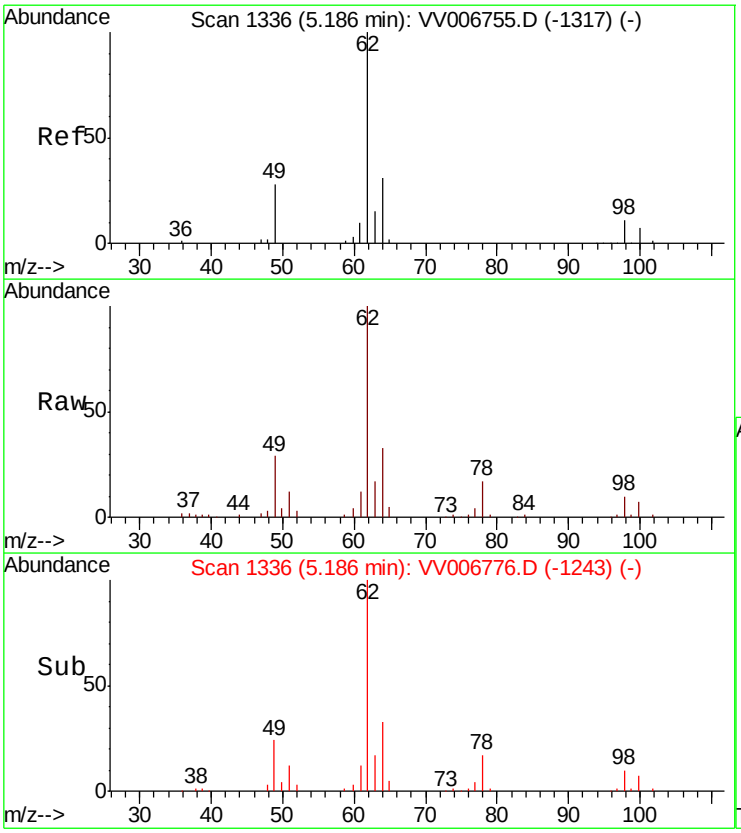

#25
Chloroform
Concen: 5.464 ug/L
RT: 4.43 min Scan# 1101
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion: 83 Resp: 145263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.1 | 46.1 | 85.5 |

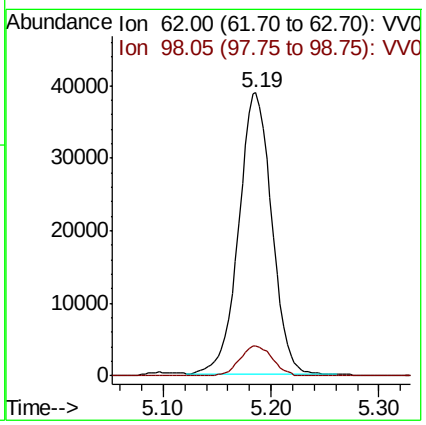


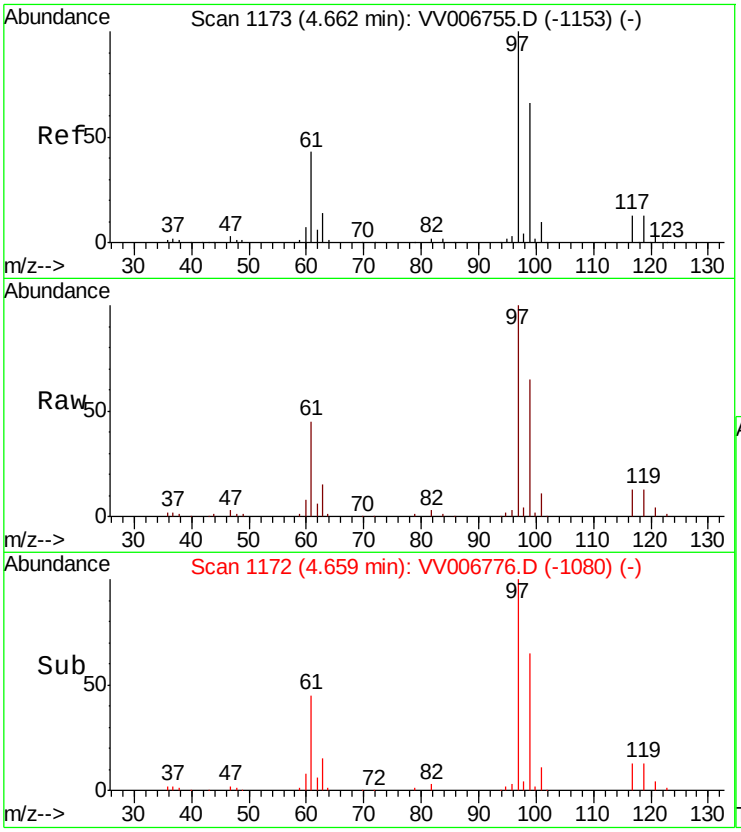




#27
1,2-Dichloroethane
Concen: 5.329 ug/L
RT: 5.19 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion: 62 Resp: 83118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.5 | 8.4 | 12.6 |



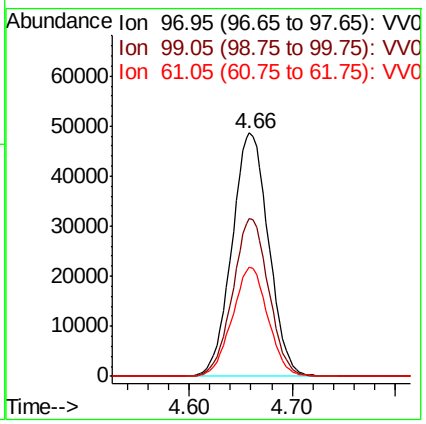


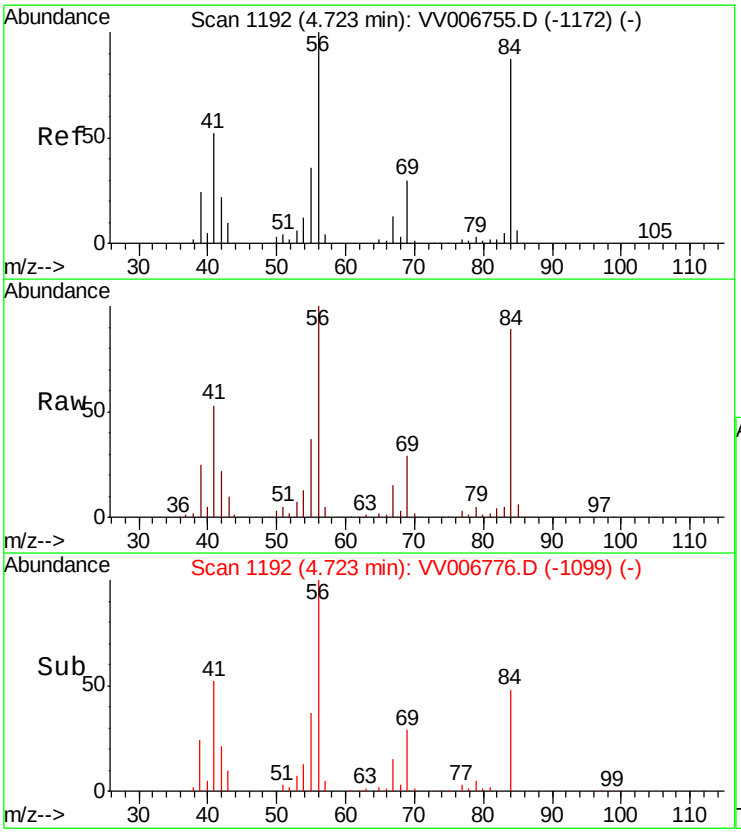

#29
1,1,1-Trichloroethane
Concen: 5.562 ug/L
RT: 4.66 min Scan# 1172
Delta R.T. -0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion: 97 Resp: 120122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.5 | 51.7 | 77.5 |
| 61 | 43.8 | 34.9 | 52.3 |

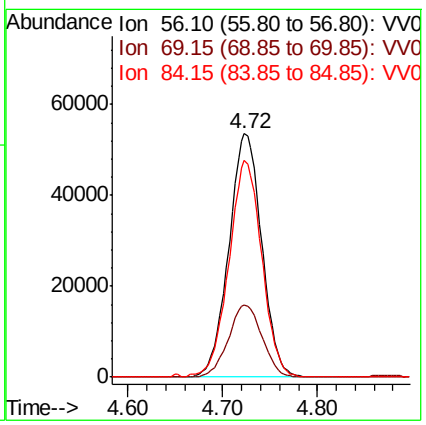


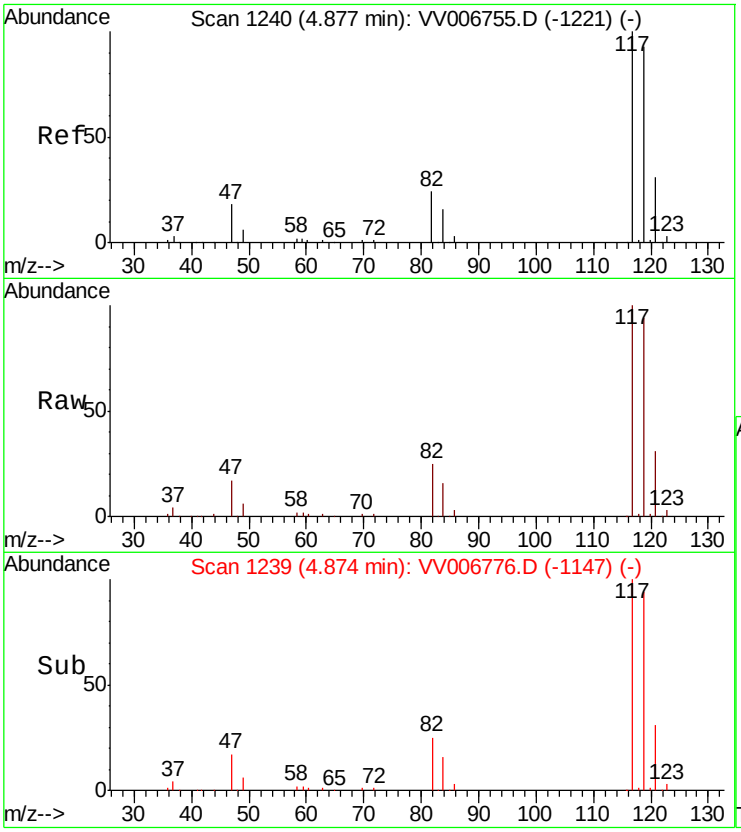




#30
Cyclohexane
Concen: 5.346 ug/L
RT: 4.72 min Scan# 1192
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion: 56 Resp: 129267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 30.2 | 24.6 | 36.8 |
| 84 | 89.0 | 71.4 | 107.2 |



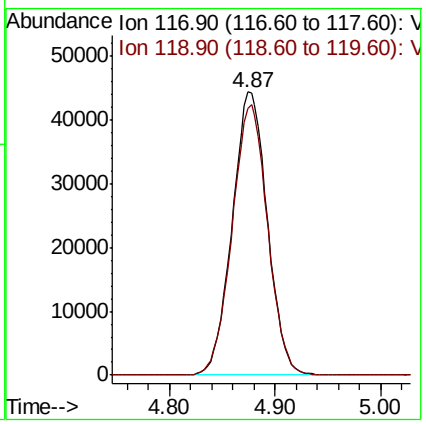


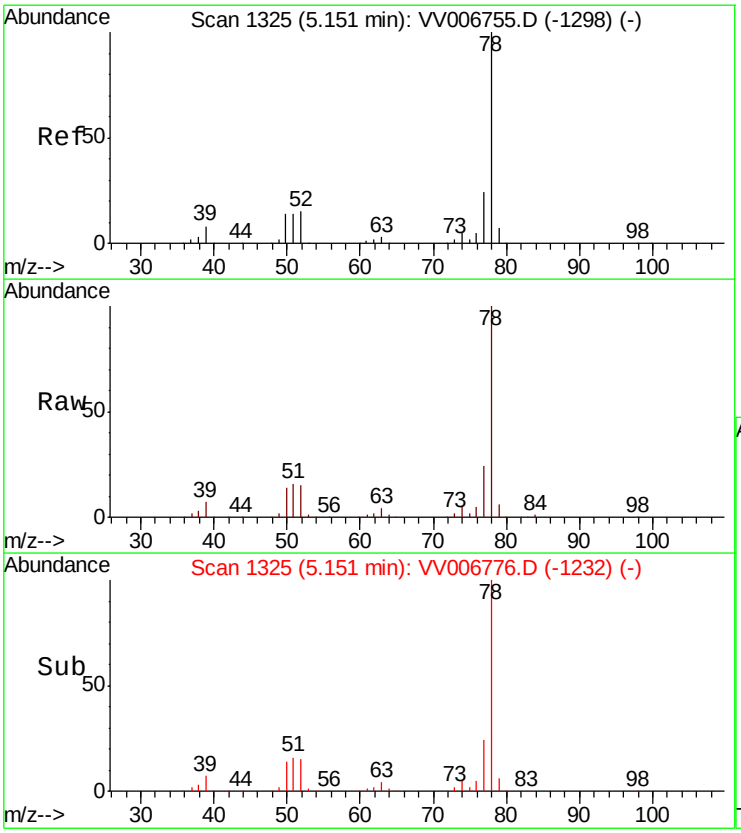

#31
Carbon tetrachloride
Concen: 5.554 ug/L
RT: 4.87 min Scan# 1239
Delta R.T. -0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion:117 Resp: 102512

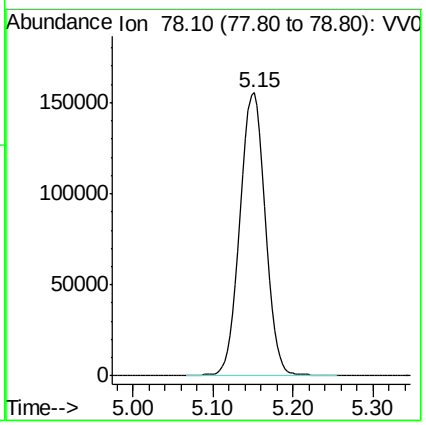
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.4 | 77.0 | 115.6 |

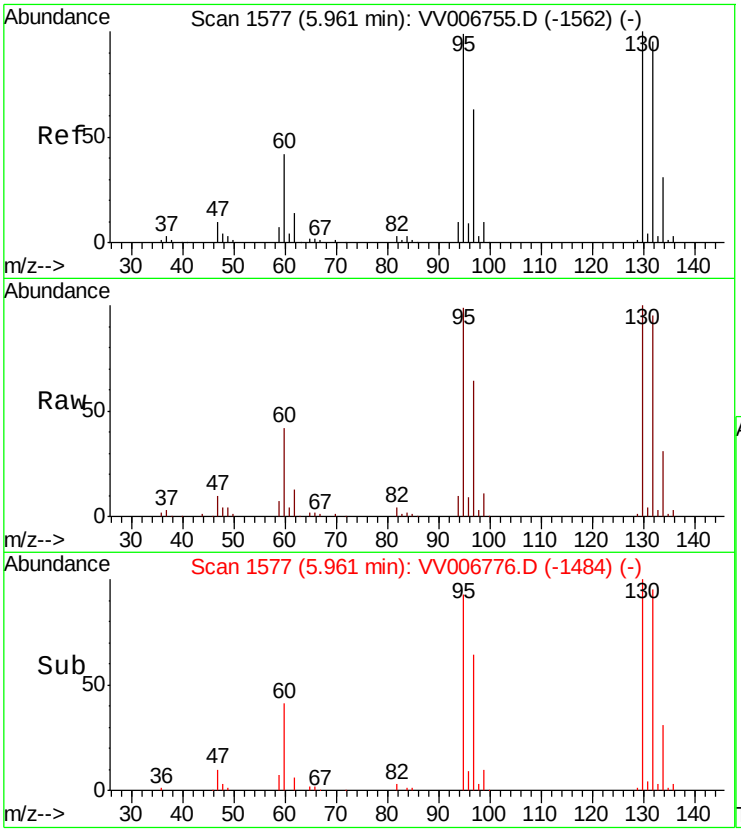



#33
Benzene
Concen: 5.519 ug/L
RT: 5.15 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion: 78 Resp: 333049



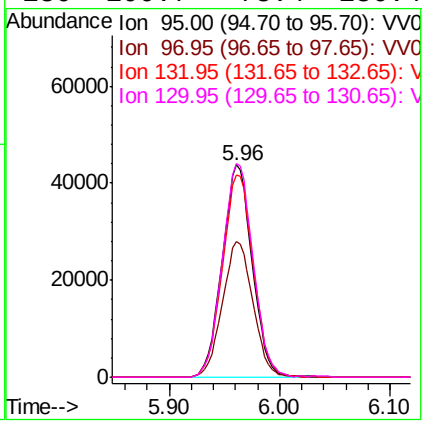


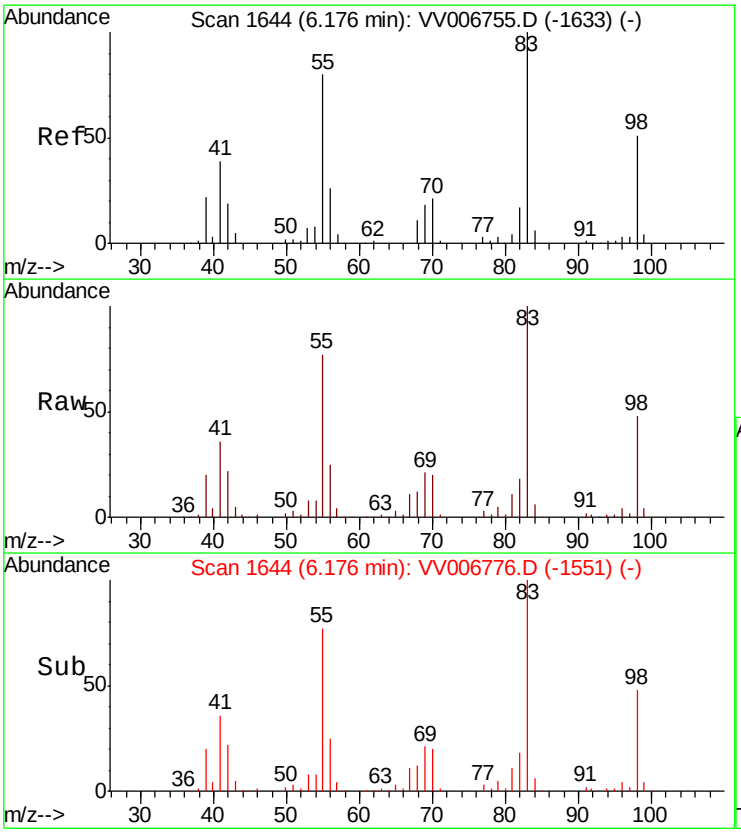

#34
Trichloroethene
Concen: 5.419 ug/L
RT: 5.96 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion: 95 Resp: 82543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 64.2 | 44.9 | 83.3 |
| 132 | 95.4 | 68.9 | 127.9 |
| 130 | 100.7 | 73.4 | 136.4 |

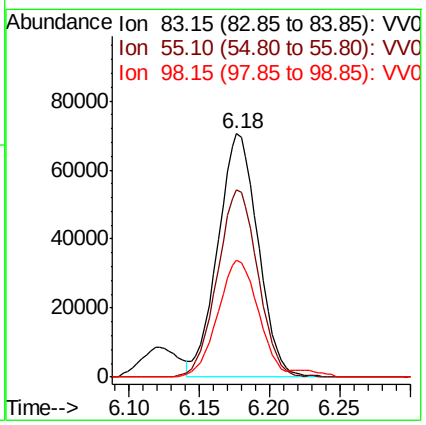


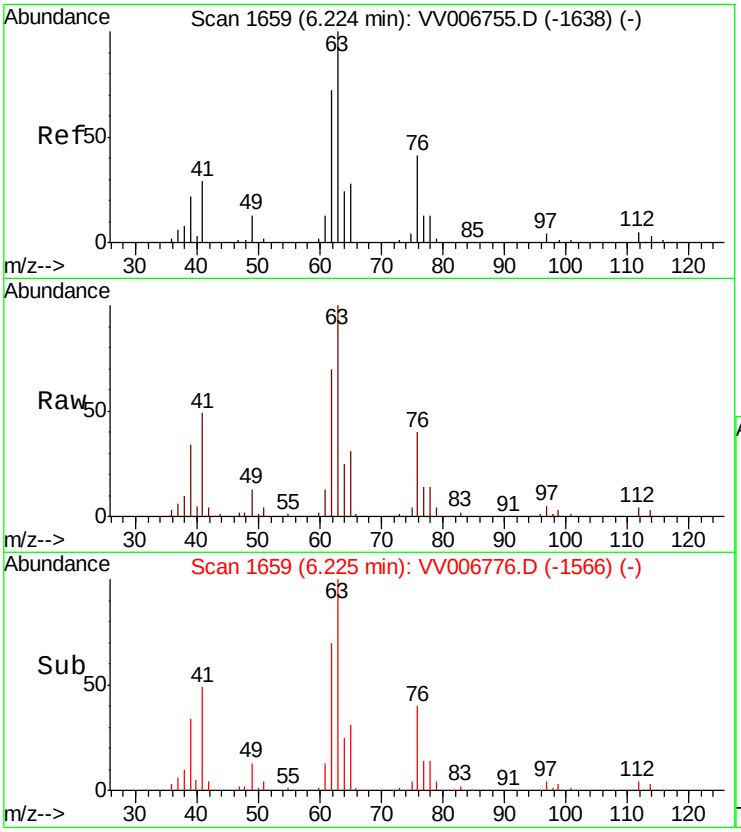




#35
Methylcyclohexane
Concen: 5.502 ug/L
RT: 6.18 min Scan# 1644
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion: 83 Resp: 140010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 77.4 | 61.9 | 92.9 |
| 98 | 48.4 | 39.7 | 59.5 |



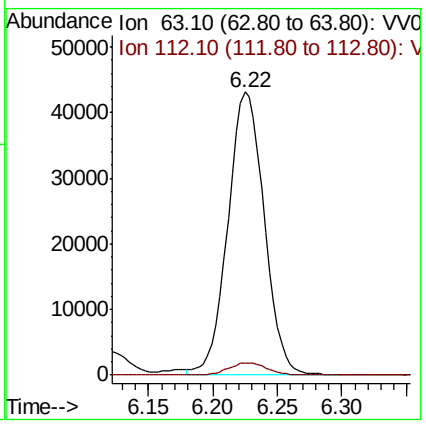


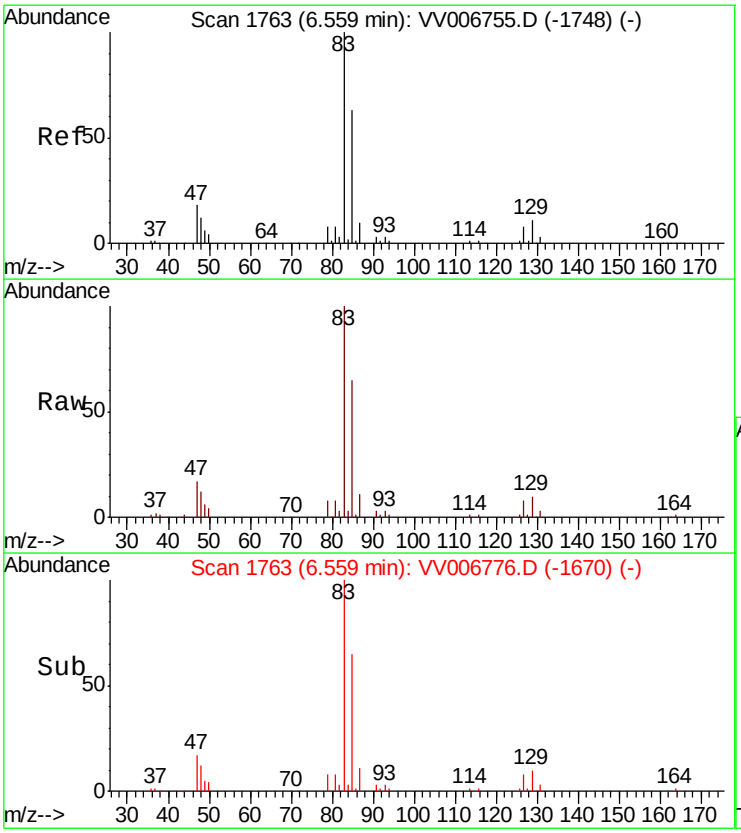

#37
1,2-Dichloropropane
Concen: 5.415 ug/L
RT: 6.22 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion: 63 Resp: 83878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 4.6 | 3.8 | 5.6 |

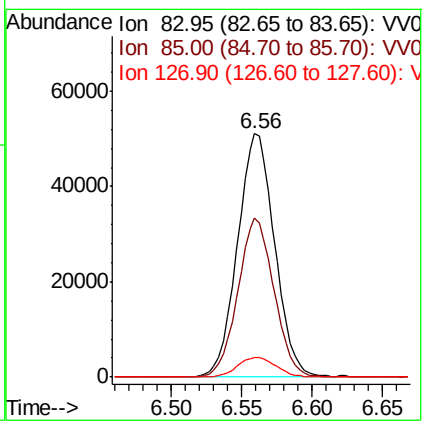


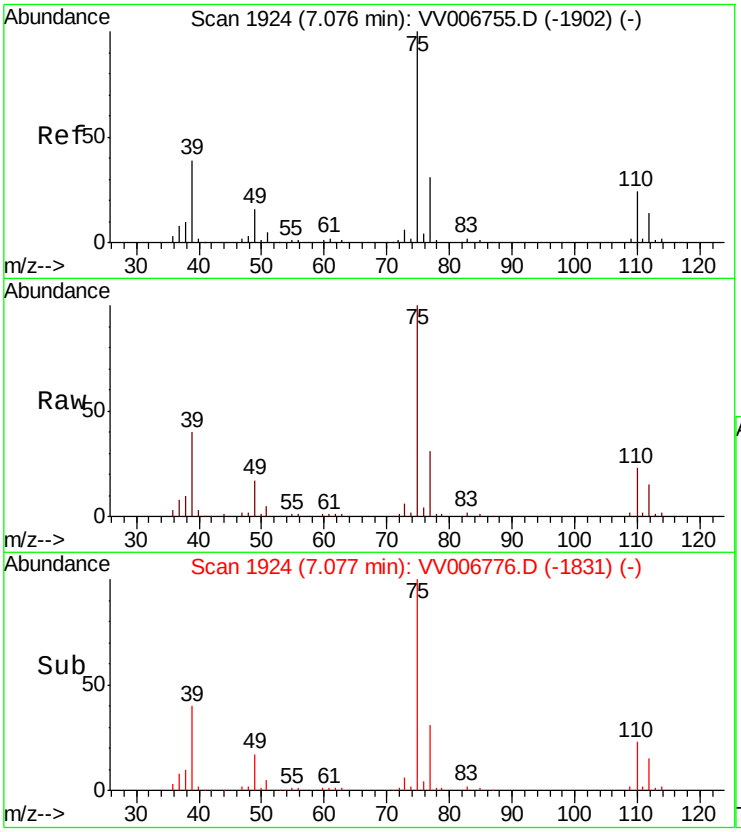




#38
Bromodichloromethane
Concen: 5.439 ug/L
RT: 6.56 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion: 83 Resp: 94115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.1 | 44.4 | 82.4 |
| 127 | 8.1 | 6.6 | 9.8 |



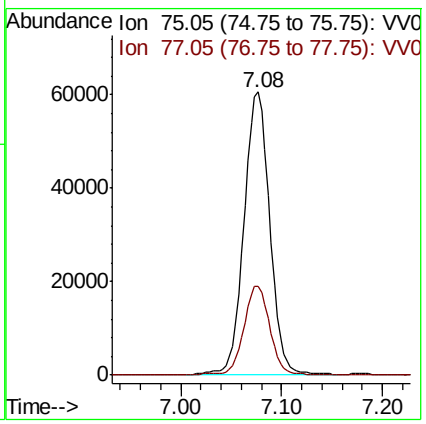


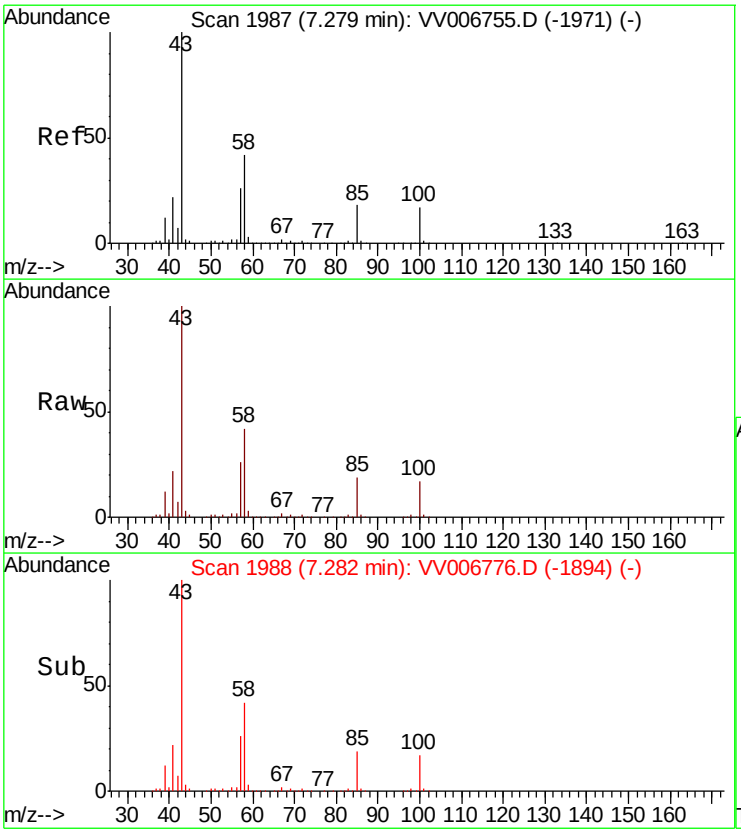

#39
cis-1,3-Dichloropropene
Concen: 5.313 ug/L
RT: 7.08 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion: 75 Resp: 107205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.5 | 22.0 | 40.8 |

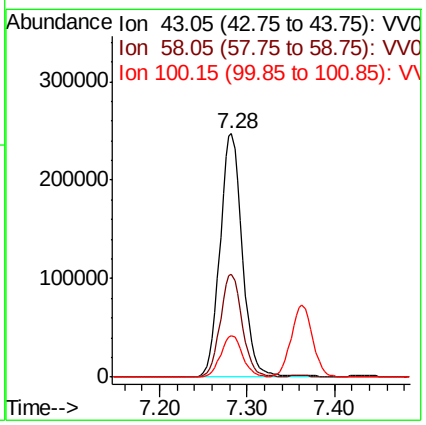


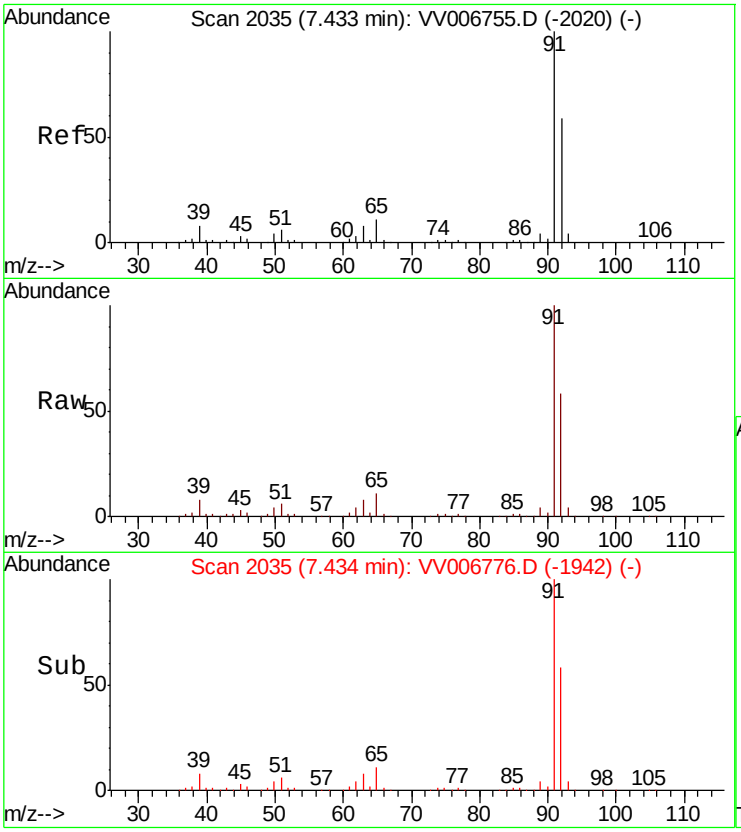




#40
4-Methyl-2-pentanone
Concen: 51.602 ug/L
RT: 7.28 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion: 43 Resp: 439418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 41.3 | 33.4 | 50.0 |
| 100 | 16.6 | 13.6 | 20.4 |



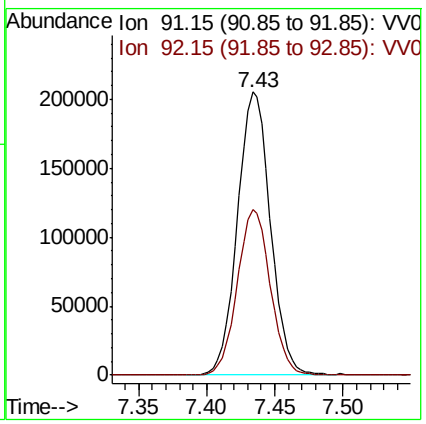


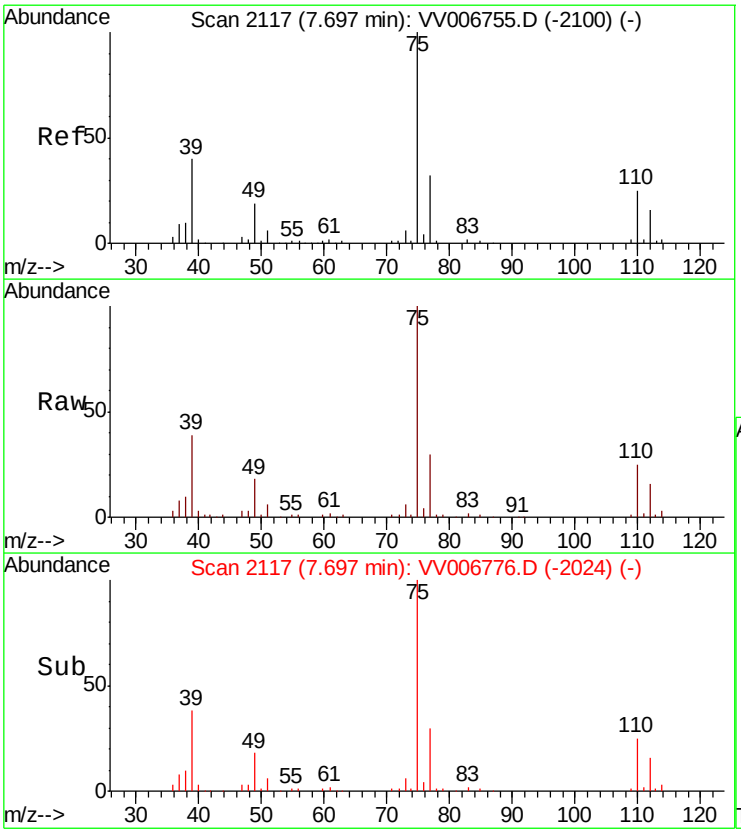

#42
Toluene
Concen: 5.547 ug/L
RT: 7.43 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion: 91 Resp: 344648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 58.4 | 40.7 | 75.7 |

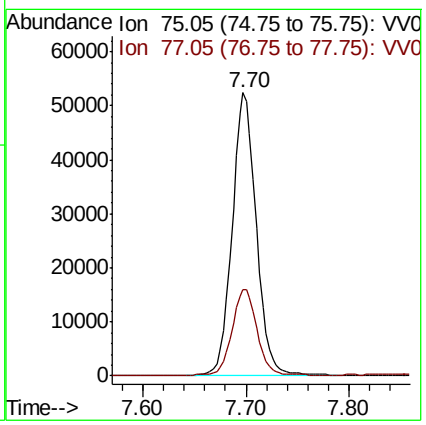


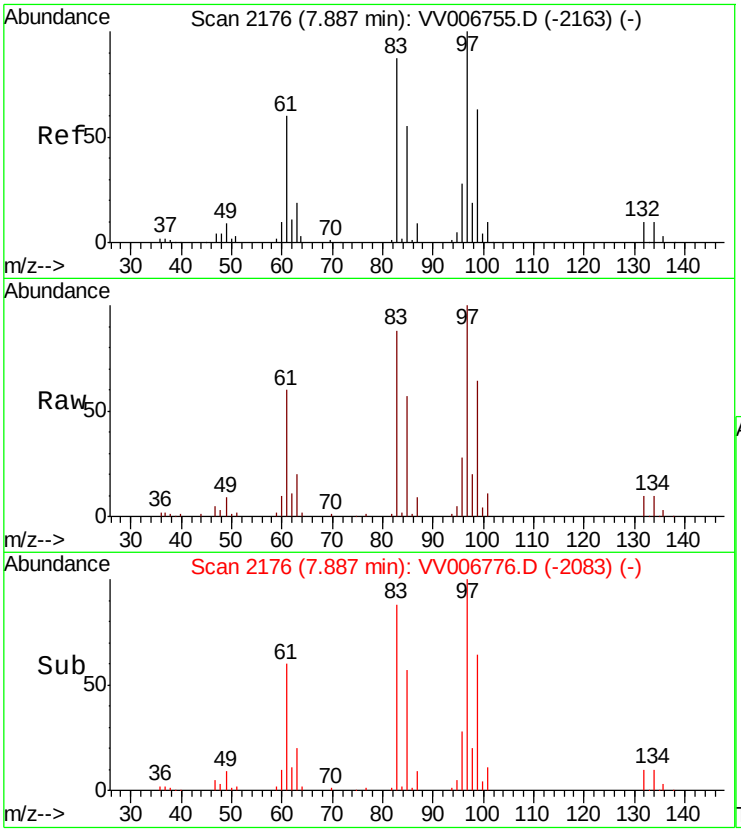




#44
trans-1,3-Dichloropropene
Concen: 5.404 ug/L
RT: 7.70 min Scan# 2117
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion: 75 Resp: 85747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.3 | 22.8 | 42.4 |



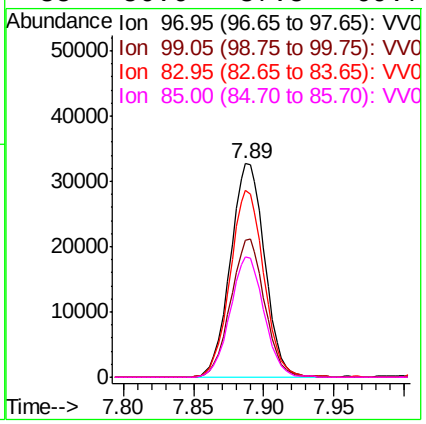


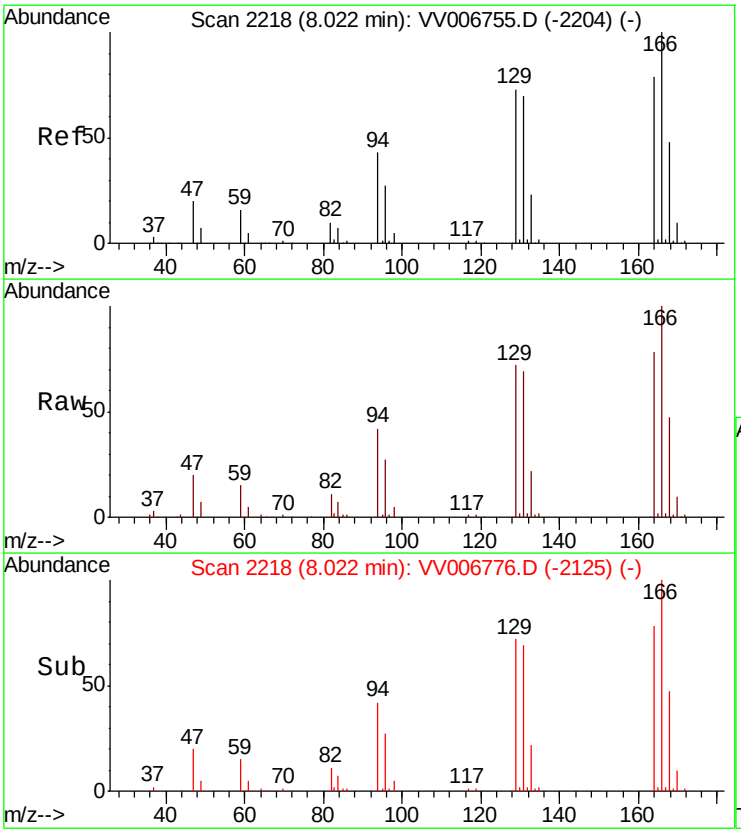

#45
1,1,2-Trichloroethane
Concen: 5.326 ug/L
RT: 7.89 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion: 97 Resp: 55561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.3 | 43.0 | 79.8 |
| 83 | 87.5 | 59.4 | 110.4 |
| 85 | 56.6 | 37.5 | 69.7 |

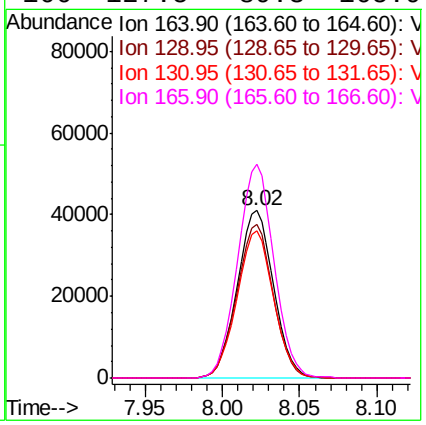


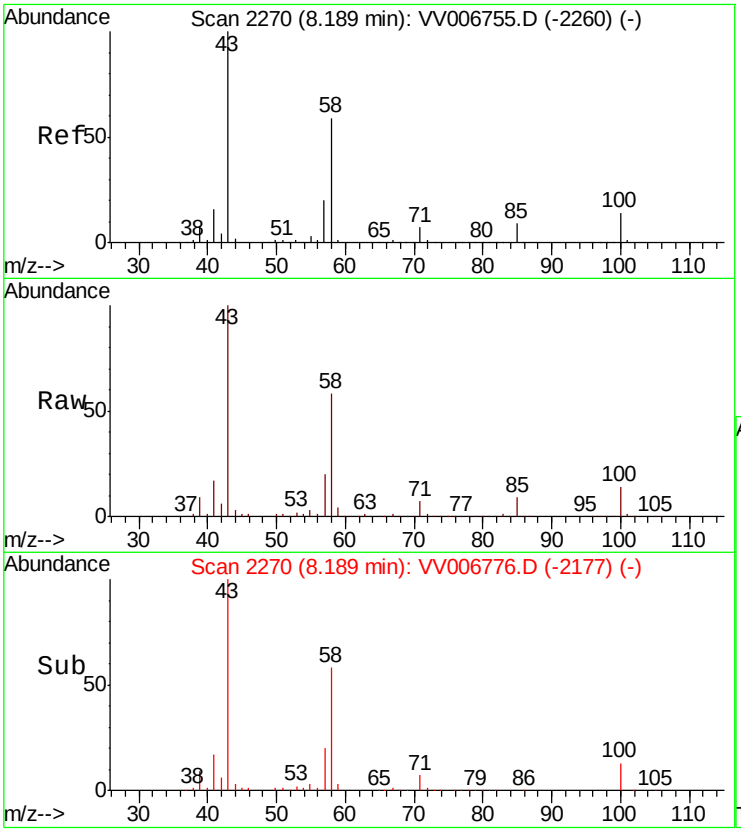




#47
Tetrachloroethene
Concen: 5.558 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion:164 Resp: 67244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 91.5 | 65.0 | 120.8 |
| 131 | 87.6 | 61.9 | 115.1 |
| 166 | 127.5 | 89.3 | 165.9 |



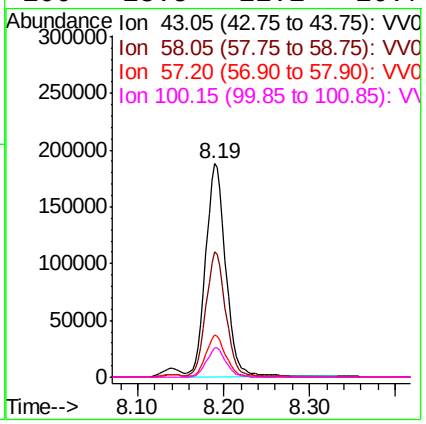


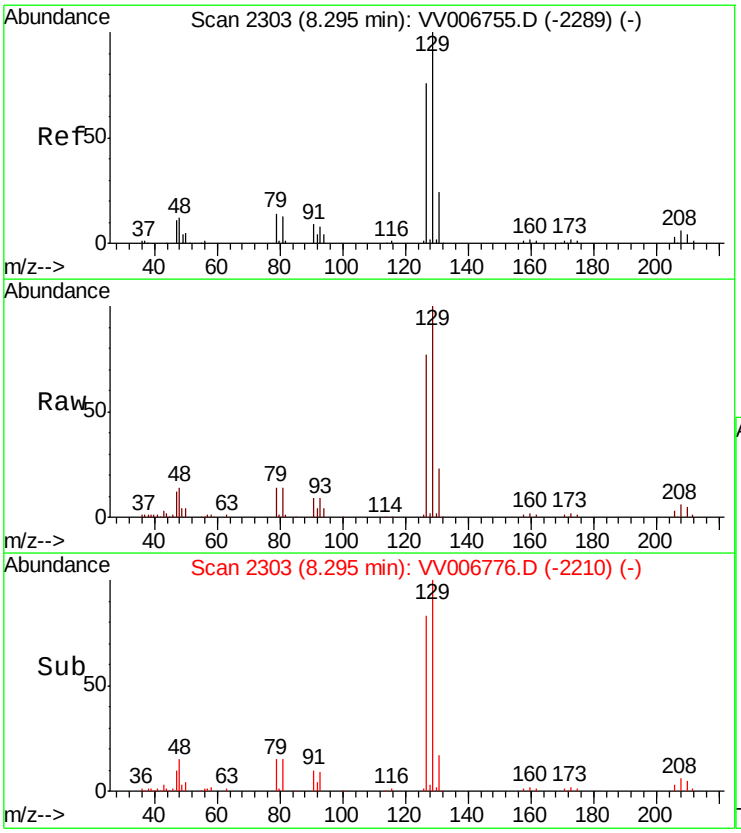

#48
2-Hexanone
Concen: 51.794 ug/L
RT: 8.19 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion: 43 Resp: 307748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 57.9 | 47.2 | 70.8 |
| 57 | 19.6 | 16.1 | 24.1 |
| 100 | 13.5 | 11.1 | 16.7 |

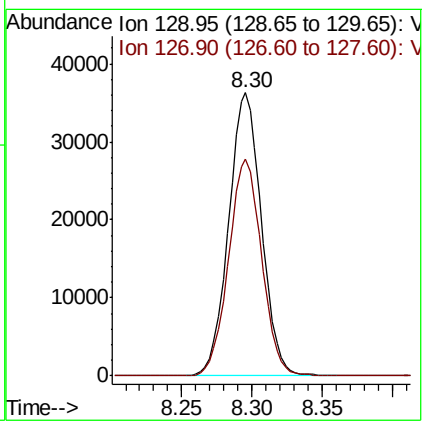


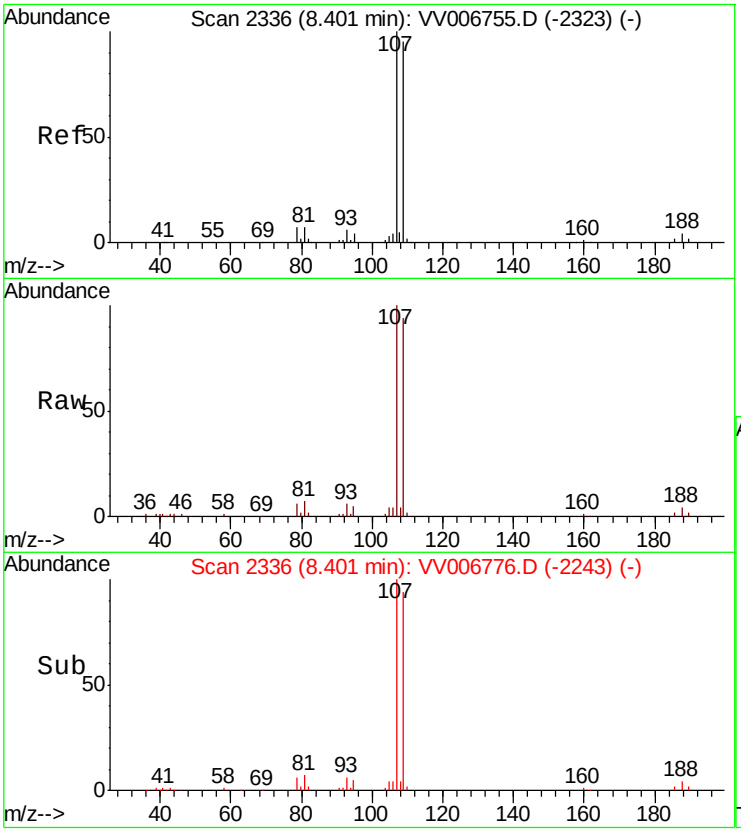




#49
Dibromochloromethane
Concen: 5.340 ug/L
RT: 8.30 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion:129 Resp: 58958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.6 | 53.5 | 99.5 |



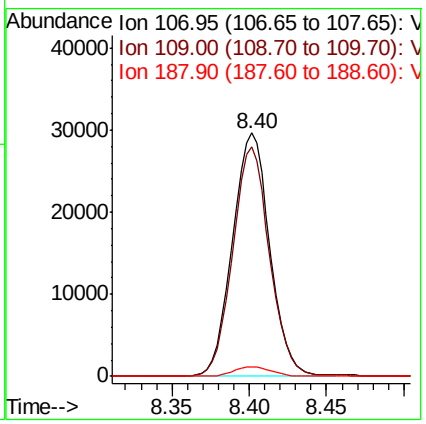


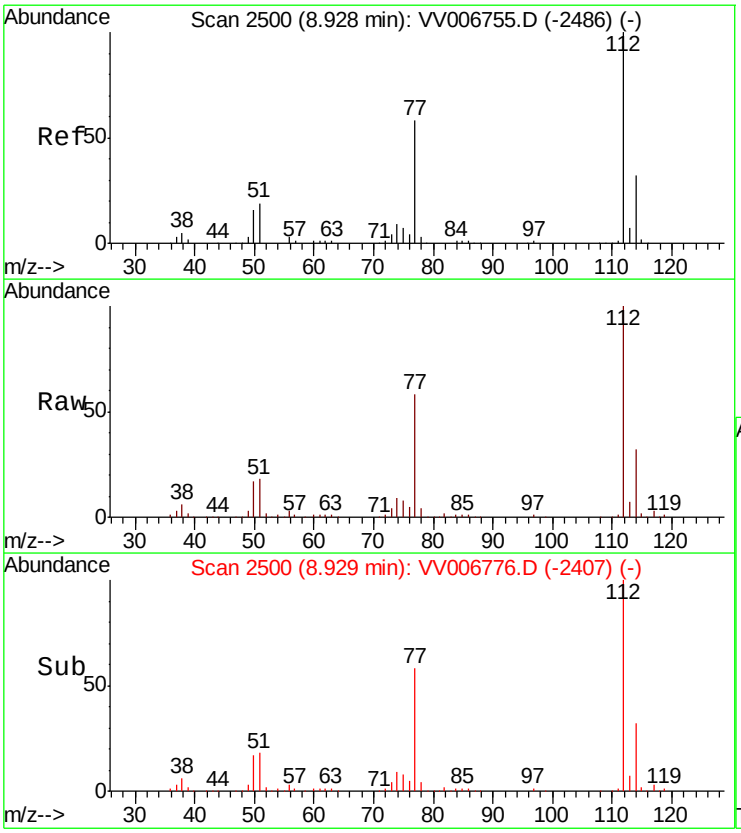

#50
1,2-Dibromoethane
Concen: 5.318 ug/L
RT: 8.40 min Scan# 2336
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion:107 Resp: 49583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.1 | 66.8 | 124.0 |
| 188 | 3.8 | 3.1 | 4.7 |

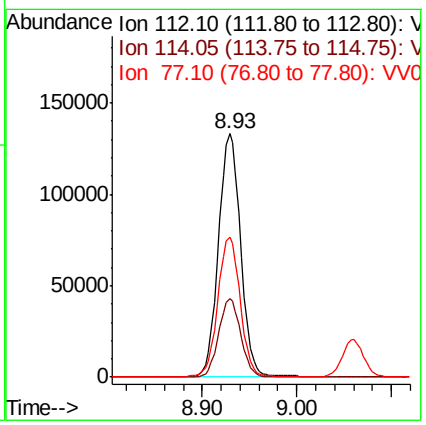


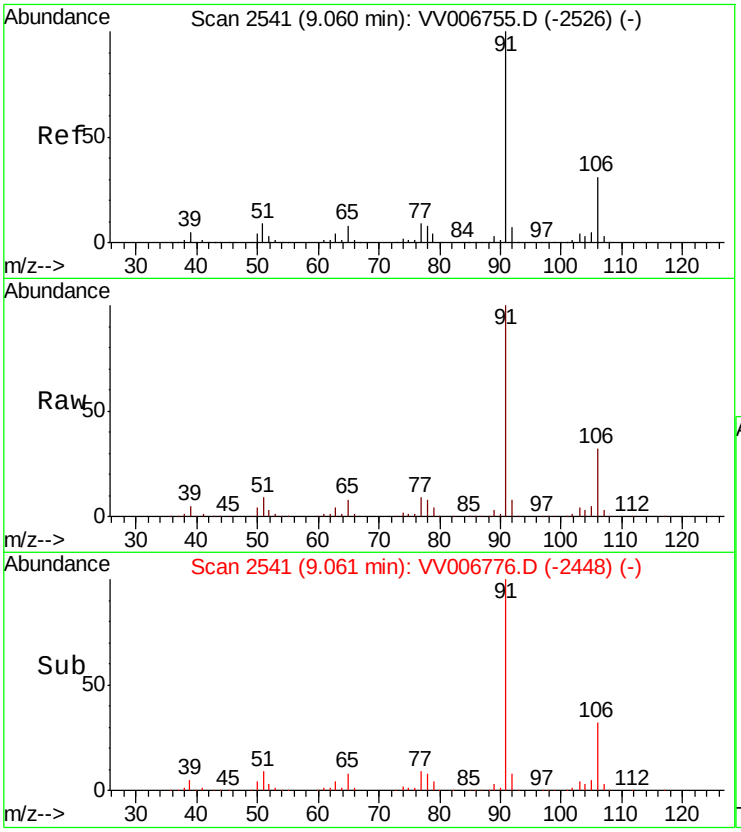




#51
Chlorobenzene
Concen: 5.373 ug/L
RT: 8.93 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion:112 Resp: 217160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.3 | 22.5 | 41.9 |
| 77 | 57.7 | 46.2 | 69.2 |



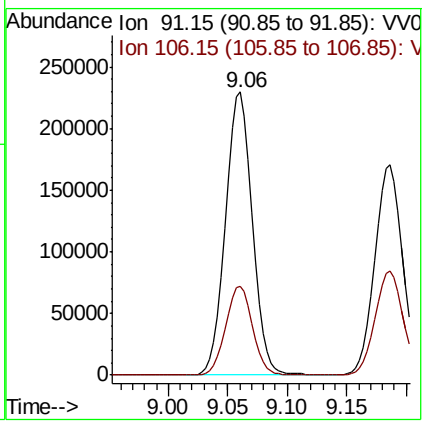


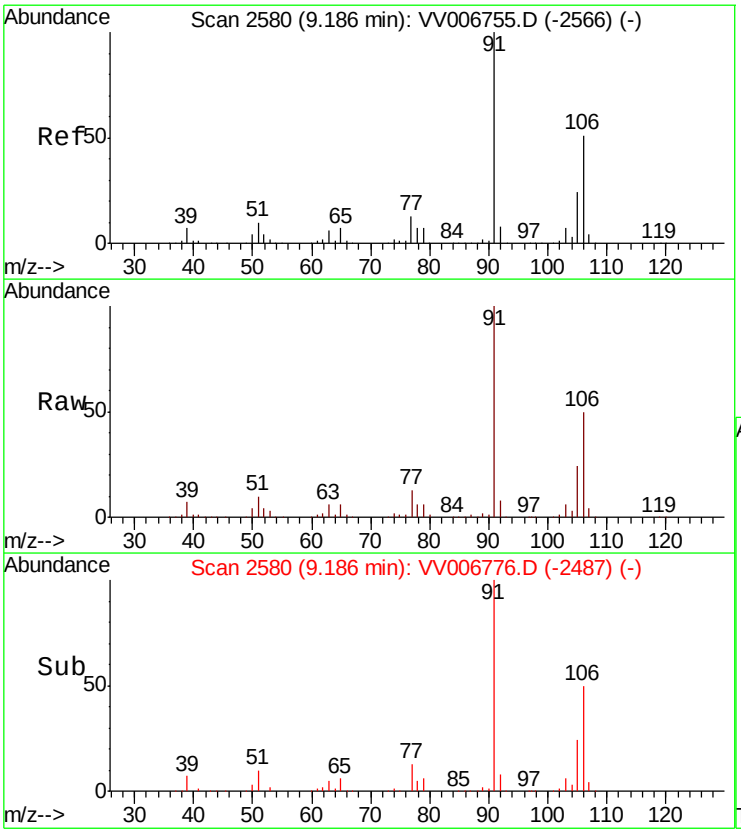

#52
Ethylbenzene
Concen: 5.439 ug/L
RT: 9.06 min Scan# 2541
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion: 91 Resp: 360228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.6 | 21.8 | 40.6 |

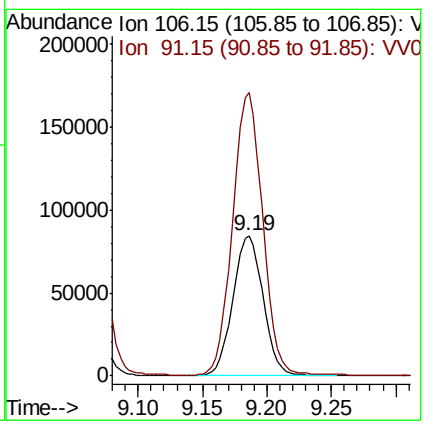


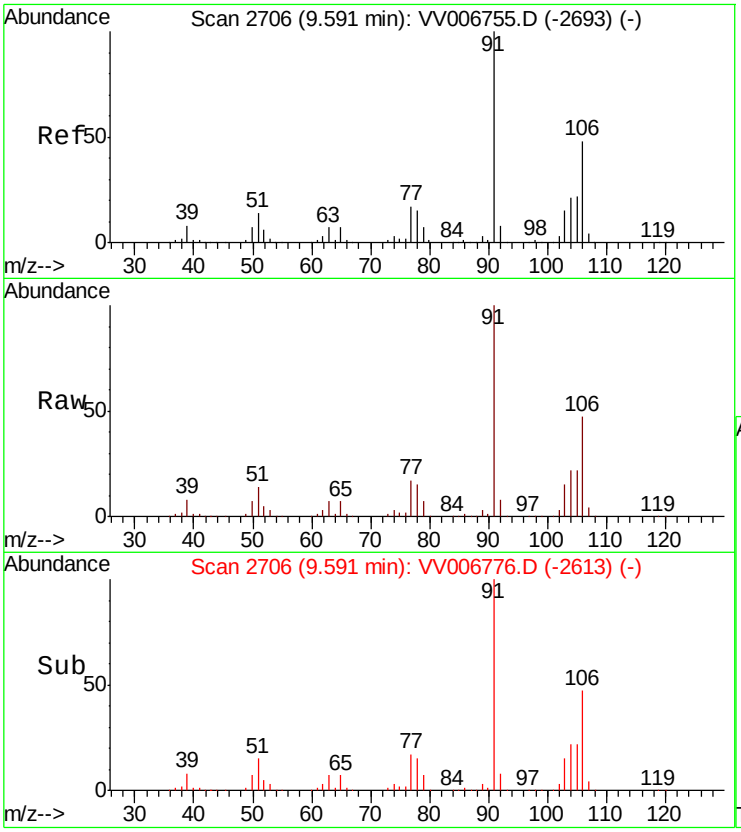




#53
m,p-xylene
Concen: 5.533 ug/L
RT: 9.19 min Scan# 2580
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion:106 Resp: 138368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 201.2 | 140.3 | 260.5 |



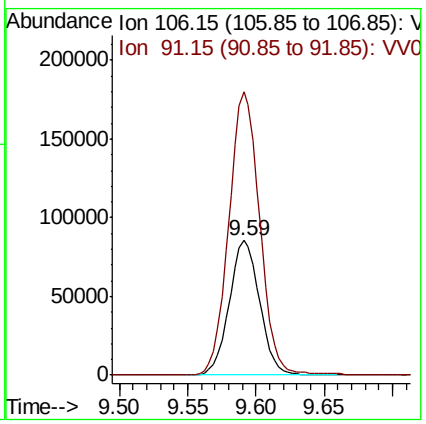


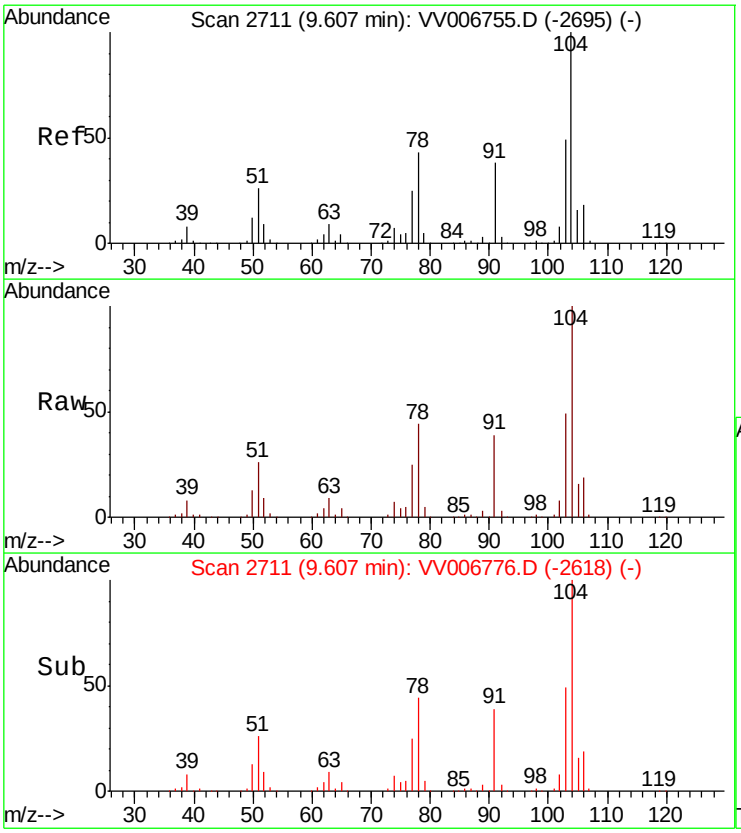

#54
o-xylene
Concen: 5.431 ug/L
RT: 9.59 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion:106 Resp: 132292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 210.7 | 146.0 | 271.2 |

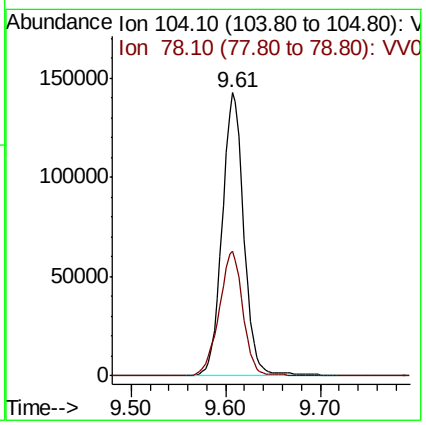


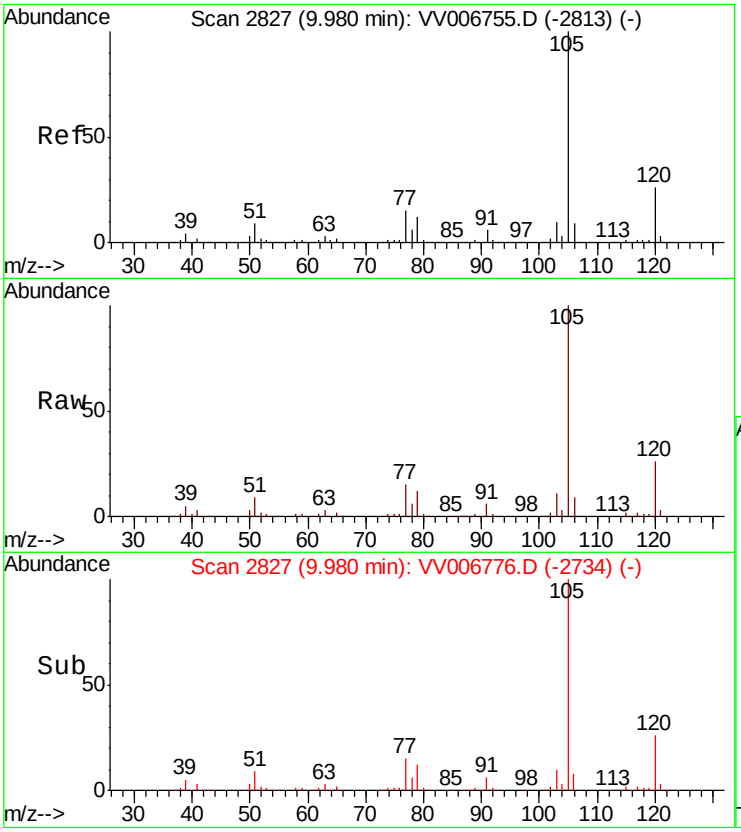




#55
Styrene
Concen: 5.533 ug/L
RT: 9.61 min Scan# 2711
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion:104 Resp: 227331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 43.9 | 29.0 | 53.9 |



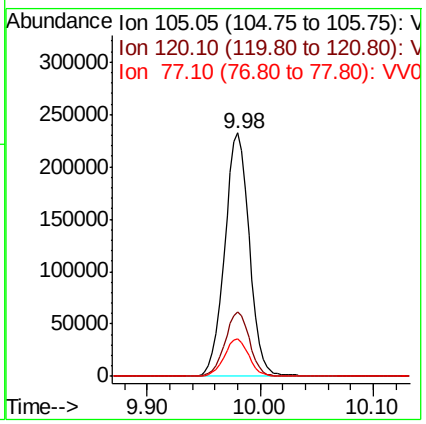


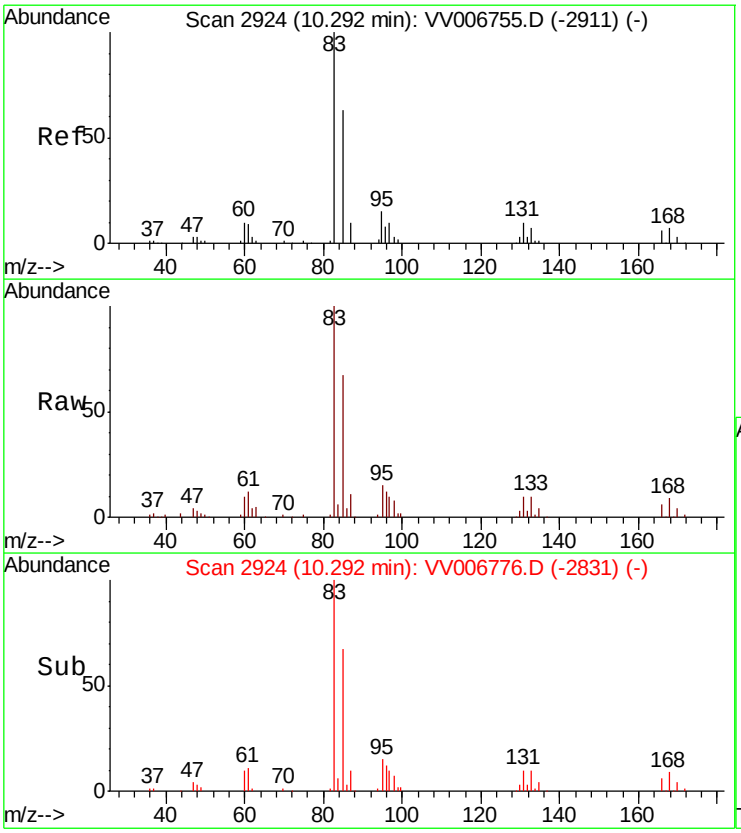

#56
Isopropylbenzene
Concen: 5.560 ug/L
RT: 9.98 min Scan# 2827
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion:105 Resp: 351707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.4 | 21.5 | 32.3 |
| 77 | 15.4 | 12.2 | 18.2 |

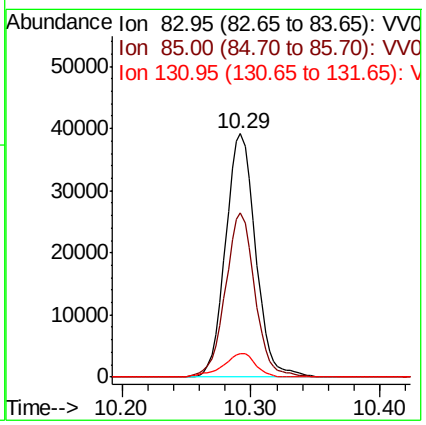


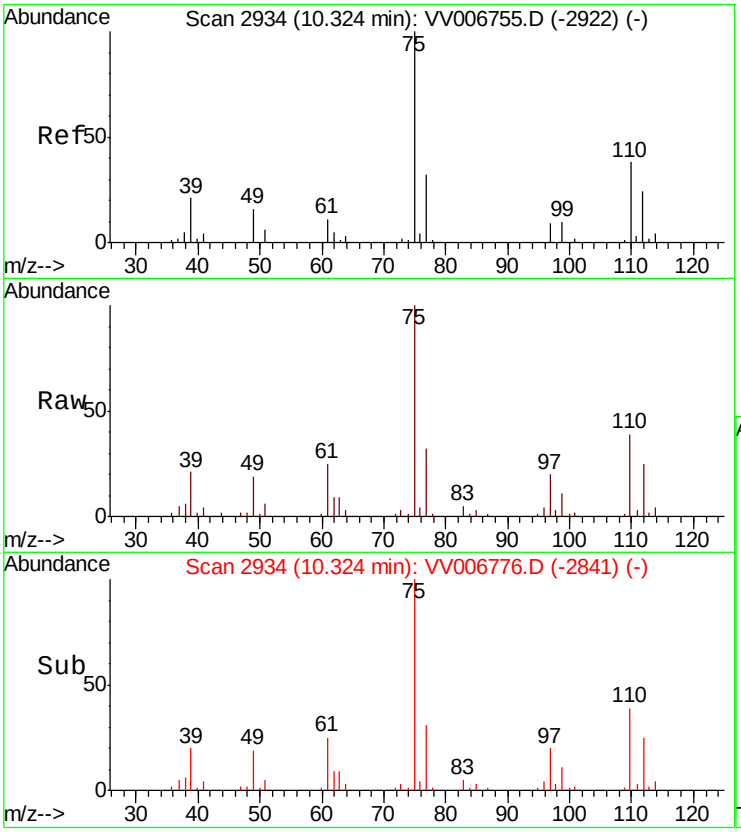




#58
1,1,2,2-Tetrachloroethane
Concen: 4.958 ug/L
RT: 10.29 min Scan# 2924
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion: 83 Resp: 63274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 67.5 | 45.6 | 84.6 |
| 131 | 9.9 | 8.0 | 12.0 |



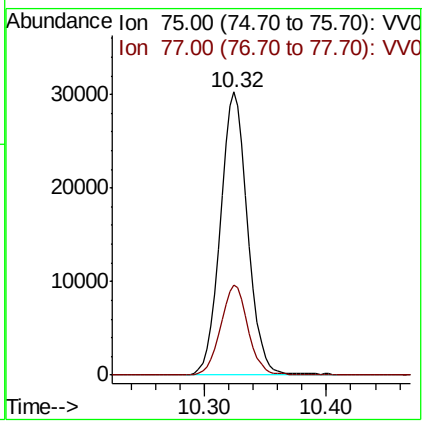


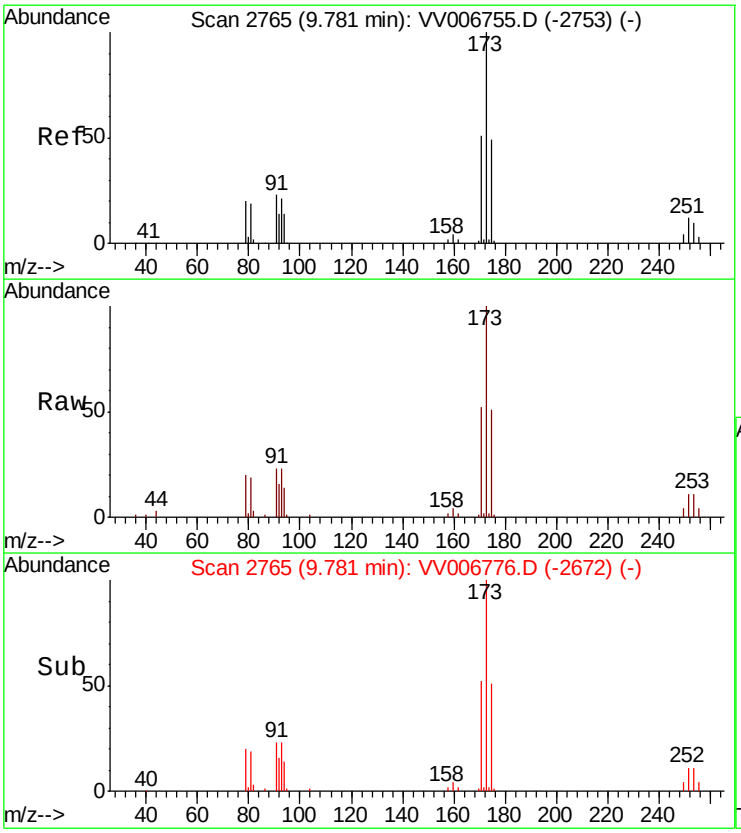

#59
1,2,3-Trichloropropane
Concen: 5.212 ug/L
RT: 10.32 min Scan# 2934
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion: 75 Resp: 47521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 26.1 | 39.1 |

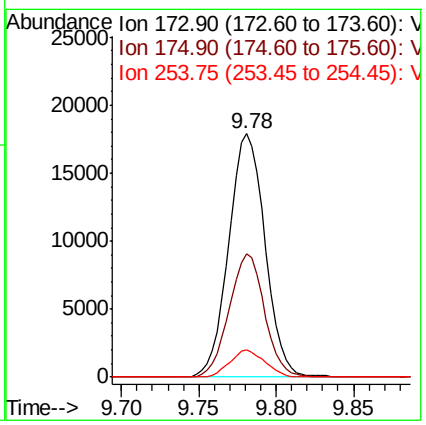


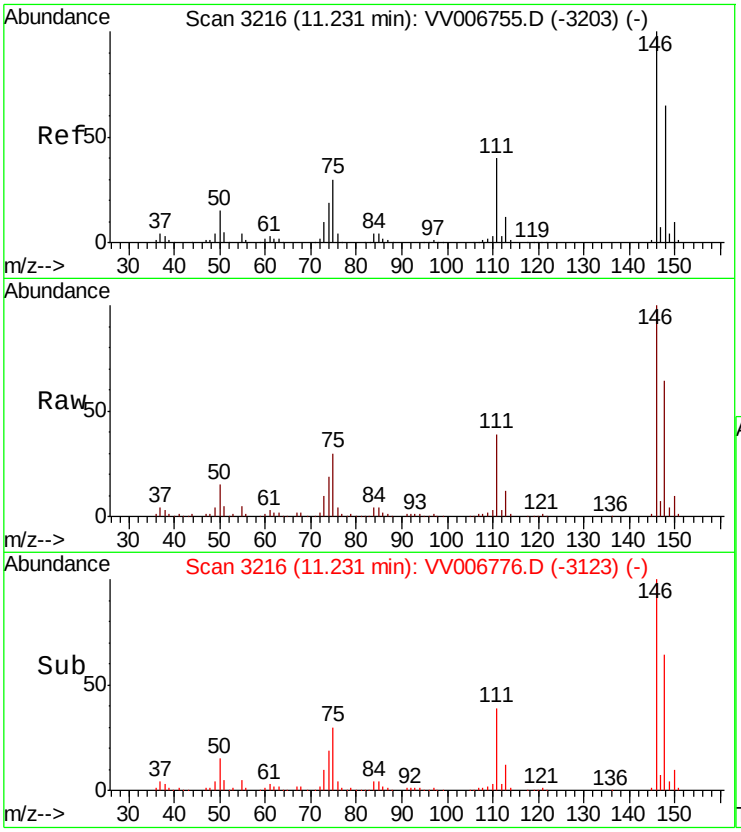




#61
Bromoform
Concen: 5.144 ug/L
RT: 9.78 min Scan# 2765
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion:173 Resp: 29117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.2 | 39.1 | 58.7 |
| 254 | 10.6 | 9.1 | 13.7 |



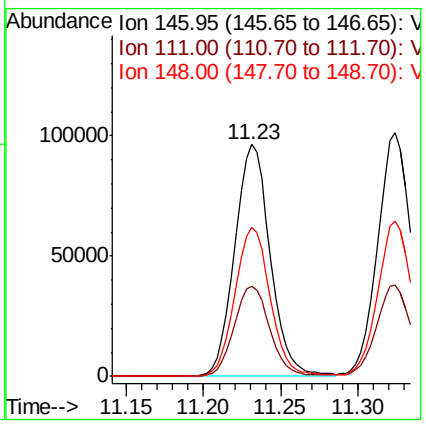


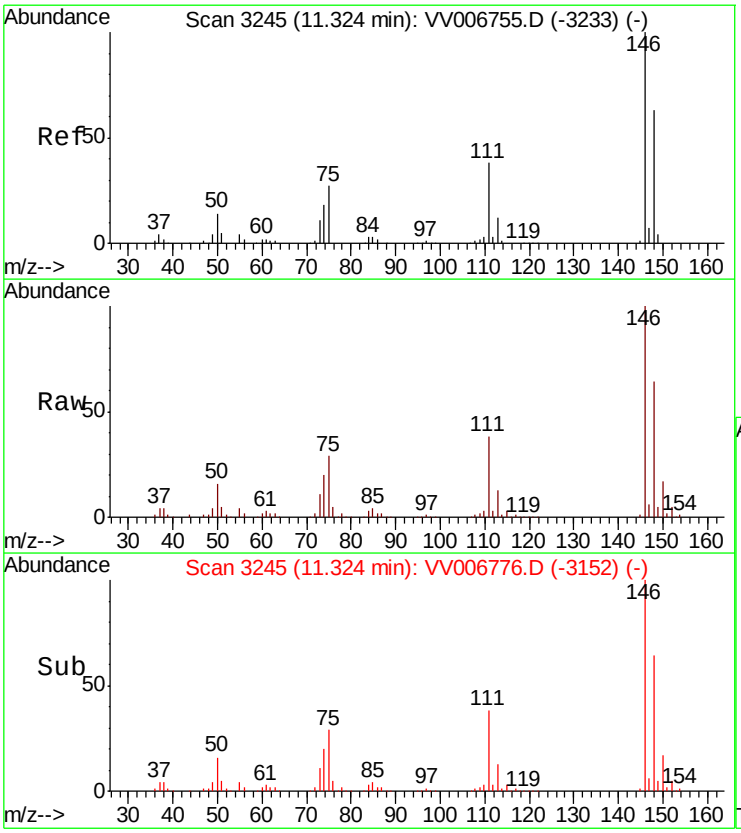

#62
1,3-Dichlorobenzene
Concen: 5.335 ug/L
RT: 11.23 min Scan# 3216
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion:146 Resp: 153591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.0 | 27.5 | 51.1 |
| 148 | 64.1 | 44.5 | 82.7 |

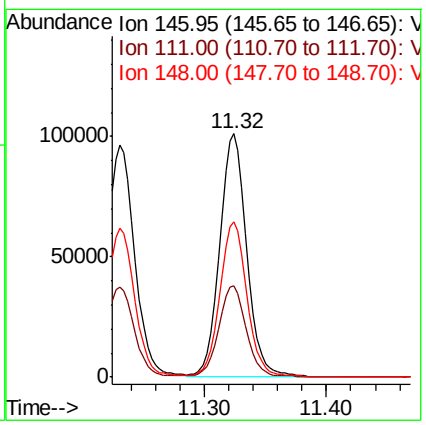


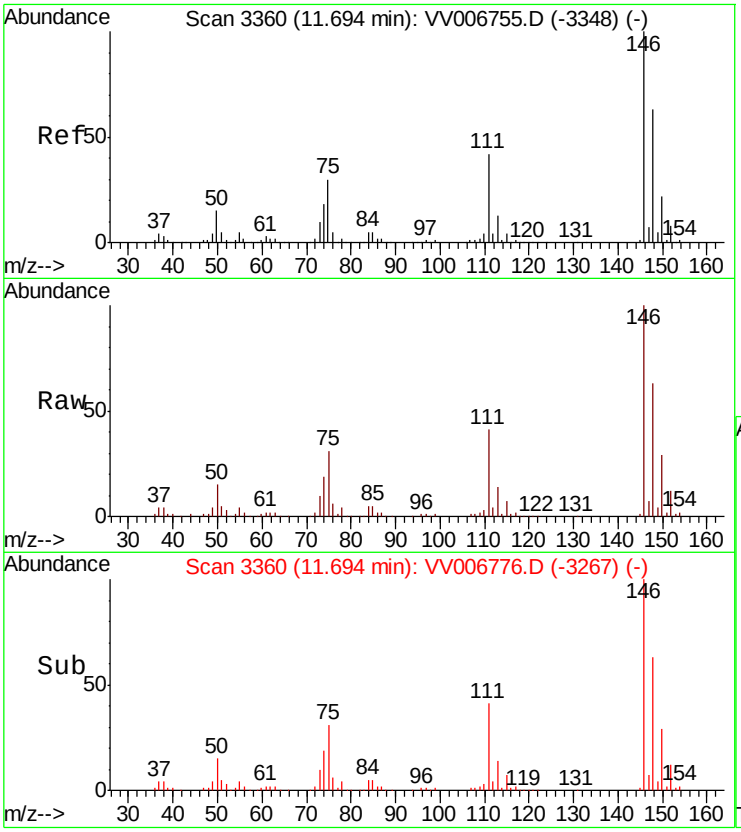




#63
1,4-Dichlorobenzene
Concen: 5.398 ug/L
RT: 11.32 min Scan# 3245
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion:146 Resp: 158369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.8 | 27.0 | 50.2 |
| 148 | 63.9 | 45.1 | 83.7 |



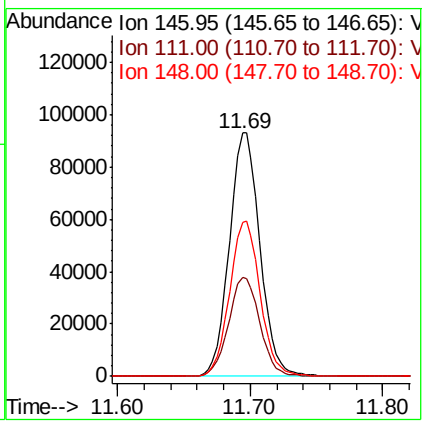


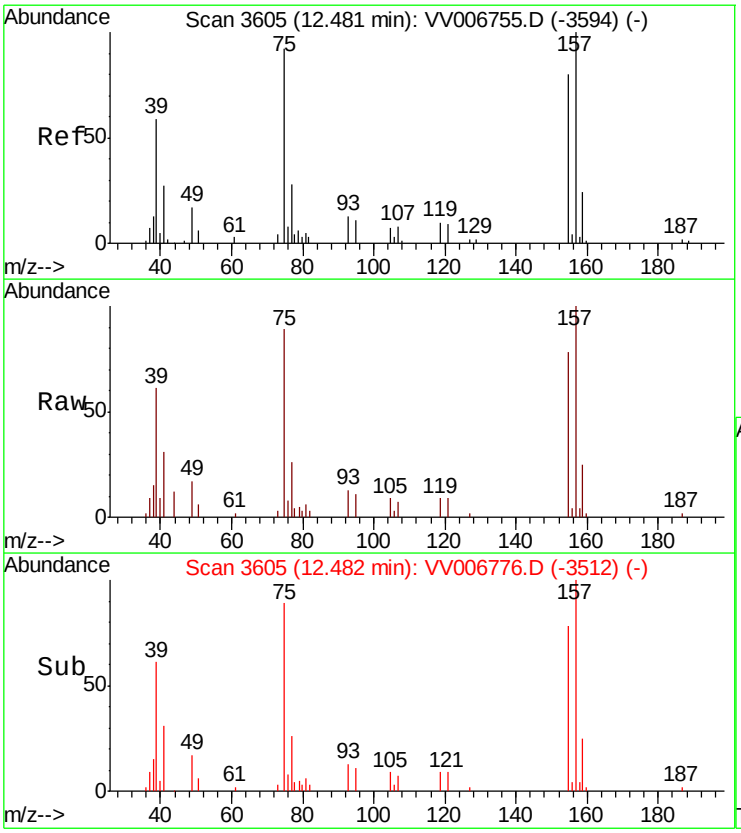

#65
1,2-Dichlorobenzene
Concen: 5.311 ug/L
RT: 11.69 min Scan# 3360
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion:146 Resp: 148920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.8 | 32.9 | 49.3 |
| 148 | 63.3 | 50.2 | 75.4 |

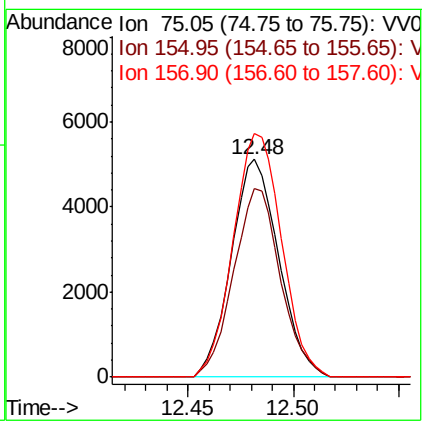


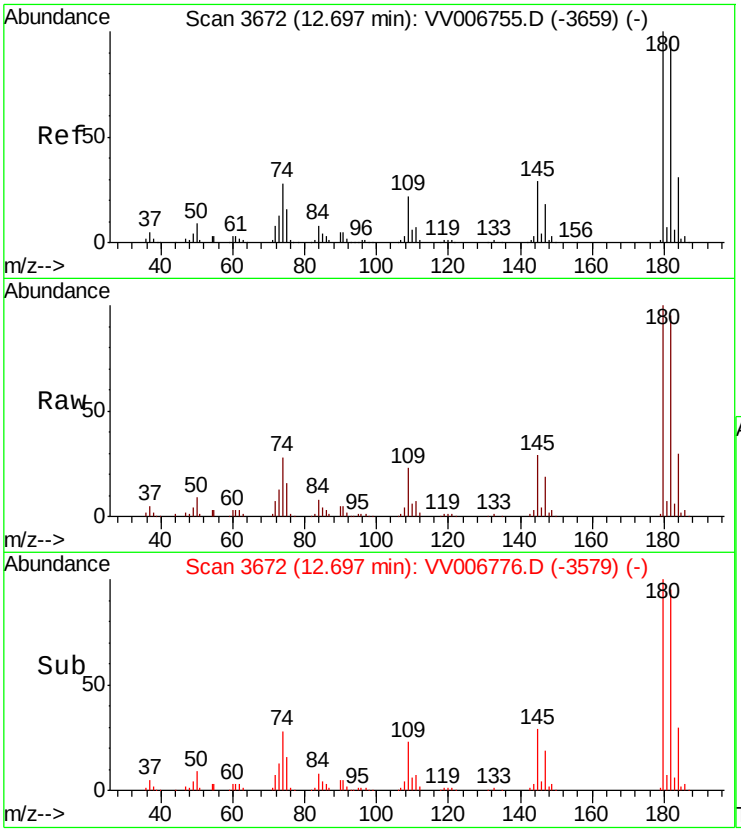




#66
1,2-Dibromo-3-chloropropane
Concen: 4.762 ug/L
RT: 12.48 min Scan# 3605
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion: 75 Resp: 7992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 86.7 | 68.8 | 103.2 |
| 157 | 111.9 | 85.6 | 128.4 |



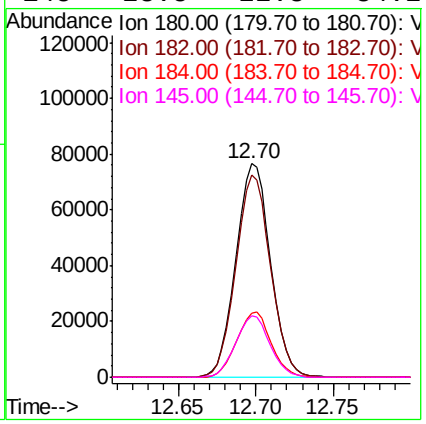


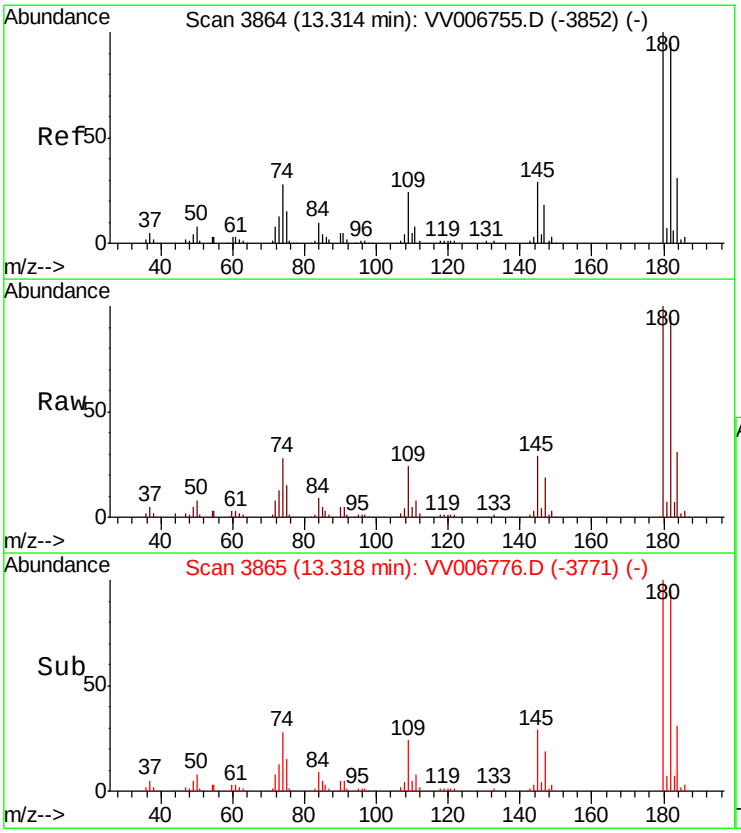

#67
1,3,5-Trichlorobenzene
Concen: 5.425 ug/L
RT: 12.70 min Scan# 3672
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion:180 Resp: 119235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.8 | 76.8 | 115.2 |
| 184 | 30.2 | 24.6 | 37.0 |
| 145 | 28.5 | 22.8 | 34.2 |

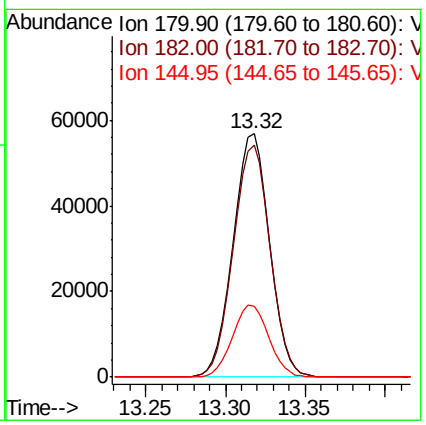


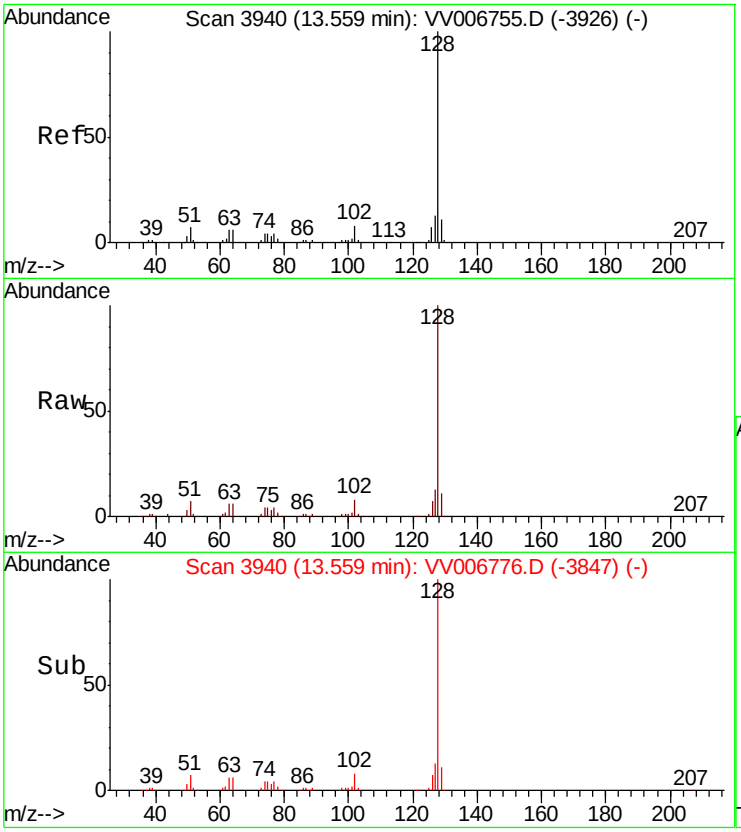




#68
1,2,4-trichlorobenzene
Concen: 5.048 ug/L
RT: 13.32 min Scan# 3865
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion:180 Resp: 88138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.3 | 76.2 | 114.4 |
| 145 | 29.4 | 23.4 | 35.0 |



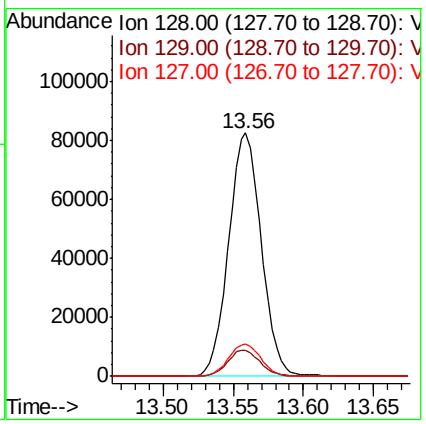


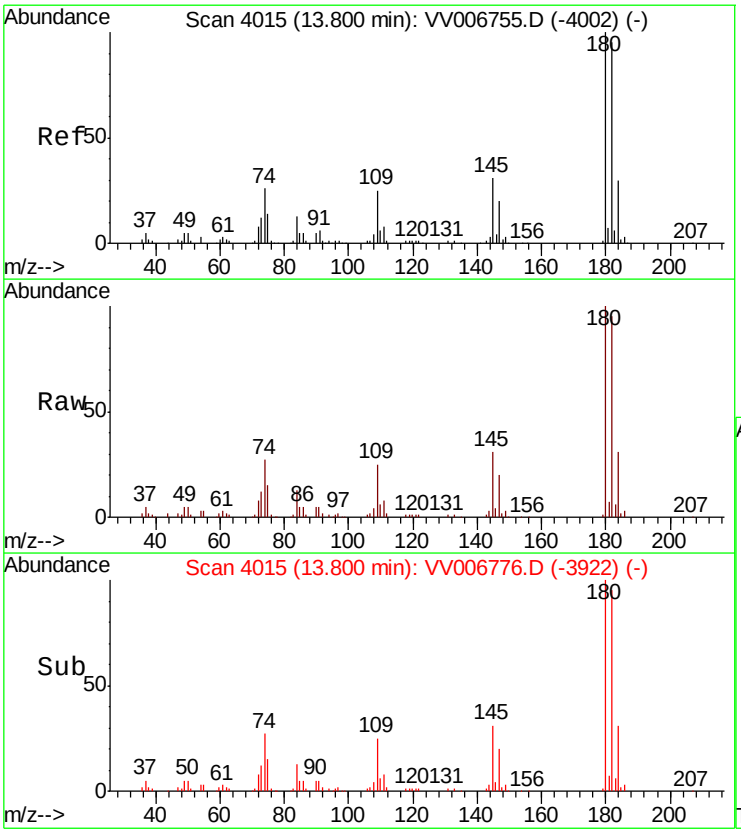

#69
Naphthalene
Concen: 4.475 ug/L
RT: 13.56 min Scan# 3940
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

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

Tgt Ion:128 Resp: 133710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 8.7 | 13.1 |
| 127 | 13.2 | 10.3 | 15.5 |




#70
1,2,3-Trichlorobenzene
Concen: 5.081 ug/L
RT: 13.80 min Scan# 4015
Delta R.T. 0.00 min
Lab File: VV006776.D
Acq: 31 Jul 2018 09:48

Tgt Ion:180 Resp: 83952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.8 | 75.3 | 112.9 |
| 145 | 31.0 | 24.5 | 36.7 |