Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090220\
Data File : VX018214.D
Acq On : 02 Sep 2020 14:20
Operator : JC/SP
Sample : MDL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** MDL02

Quant Time: Sep 03 04:58:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXLM090220WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 03 04:54:32 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.83 | 114 | 661543 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 10.10 | 117 | 641908 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 288594 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.39 | 65 | 255347 | 47.83 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 95.66% | | | |
| 7) Chloroethane-d5 | 1.70 | 69 | 198012 | 49.31 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 98.62% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.34 | 63 | 395456 | 38.55 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 77.10% | | | |
| 21) 2-Butanone-d5 | 4.53 | 46 | 373439 | 101.05 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 101.05% | | | |
| 24) Chloroform-d | 5.14 | 84 | 484812 | 49.84 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 99.68% | | | |
| 26) 1,2-Dichloroethane-d4 | 6.03 | 65 | 355647 | 48.95 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 97.90% | | | |
| 32) Benzene-d6 | 6.05 | 84 | 945100 | 49.56 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 99.12% | | | |
| 36) 1,2-Dichloropropane-d6 | 7.37 | 67 | 304355 | 50.77 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 101.54% | | | |
| 41) Toluene-d8 | 8.70 | 98 | 892163 | 48.23 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 96.46% | | | |
| 43) trans-1,3-Dichloropropene- | 8.99 | 79 | 163387 | 48.86 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 97.72% | | | |
| 47) 2-Hexanone-d5 | 9.43 | 63 | 274078 | 103.18 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 103.18% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 11.23 | 84 | 393349 | 48.66 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 97.32% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.36 | 152 | 340639 | 54.33 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 108.66% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.18 | 85 | 10324 | 1.834 | ug/L | 99 |
| 3) Chloromethane | 1.31 | 50 | 11482 | 2.227 | ug/L | 95 |
| 6) Bromomethane | 1.64 | 94 | 7427 | 2.533 | ug/L | 85 |
| 8) Chloroethane | 1.72 | 64 | 6384 | 2.118 | ug/L | 84 |
| 9) Trichlorofluoromethane | 1.92 | 101 | 16191 | 1.903 | ug/L | 92 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.37 | 101 | 11701 | 2.530 | ug/L | 84 |
| 13) Acetone | 2.43 | 43 | 10266 | 4.874 | ug/L | 94 |
| 14) Carbon disulfide | 2.56 | 76 | 30787 | 2.233 | ug/L | 97 |
| 15) Methyl Acetate | 2.75 | 43 | 12148 | 2.347 | ug/L | 97 |
| 16) Methylene chloride | 2.84 | 84 | 11584 | 2.348 | ug/L | 96 |
| 17) trans-1,2-Dichloroethene | 3.15 | 96 | 9634 | 2.064 | ug/L | 85 |
| 18) Methyl tert-butyl Ether | 3.17 | 73 | 27662 | 1.898 | ug/L | 97 |
| 19) 1,1-Dichloroethane | 3.67 | 63 | 18226 | 2.083 | ug/L | 96 |
| 20) cis-1,2-Dichloroethene | 4.57 | 96 | 10383 | 2.081 | ug/L # | 81 |
| 22) 2-Butanone | 4.64 | 43 | 16405 | 4.749 | ug/L | 95 |
| 23) Bromochloromethane | 4.98 | 128 | 5930 | 2.124 | ug/L | 91 |
| 25) Chloroform | 5.18 | 83 | 38970 | 3.894 | ug/L | 94 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090220\
Data File : VX018214.D
Acq On : 02 Sep 2020 14:20
Operator : JC/SP
Sample : MDL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** MDL02

Quant Time: Sep 03 04:58:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXLM090220WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 03 04:54:32 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 27) 1,2-Dichloroethane | 6.17 | 62 | 17092 | 2.254 ug/L # | 94 |
| 29) Cyclohexane | 5.55 | 56 | 11763 | 1.665 ug/L # | 69 |
| 30) 1,1,1-Trichloroethane | 5.47 | 97 | 18509 | 2.100 ug/L | 93 |
| 31) Carbon tetrachloride | 5.76 | 117 | 15378 | 1.916 ug/L | 97 |
| 33) Benzene | 6.11 | 78 | 37543 | 2.021 ug/L | 100 |
| 34) Trichloroethene | 7.18 | 95 | 10728 | 2.058 ug/L | 92 |
| 35) Methylcyclohexane | 7.45 | 83 | 11701 | 1.615 ug/L | 95 |
| 38) Bromodichloromethane | 7.87 | 83 | 14955 | 2.135 ug/L | 97 |
| 40) 4-Methyl-2-pentanone | 8.62 | 43 | 26104 | 3.914 ug/L # | 95 |
| 42) Toluene | 8.77 | 91 | 38191 | 1.916 ug/L | 96 |
| 44) trans-1,3-Dichloropropene | 9.02 | 75 | 15250 | 1.890 ug/L | 86 |
| 45) 1,1,2-Trichloroethane | 9.20 | 97 | 9898 | 2.005 ug/L | 91 |
| 46) Tetrachloroethene | 9.32 | 164 | 7965 | 1.917 ug/L | 94 |
| 48) 2-Hexanone | 9.48 | 43 | 23305 | 4.323 ug/L | 96 |
| 49) Dibromochloromethane | 9.57 | 129 | 12063 | 1.994 ug/L | 94 |
| 50) 1,2-Dibromoethane | 9.66 | 107 | 11152 | 2.133 ug/L # | 97 |
| 51) Chlorobenzene | 10.12 | 112 | 26066 | 1.920 ug/L | 97 |
| 52) Ethylbenzene | 10.24 | 91 | 39494 | 1.777 ug/L | 95 |
| 53) m,p-Xylene | 10.34 | 106 | 13805 | 1.626 ug/L | 83 |
| 54) o-xylene | 10.68 | 106 | 13291 | 1.640 ug/L | 92 |
| 55) Styrene | 10.70 | 104 | 20701 | 1.479 ug/L | 99 |
| 56) Isopropylbenzene | 11.01 | 105 | 32735 | 1.510 ug/L | 96 |
| 58) 1,1,2,2-Tetrachloroethane | 11.25 | 83 | 16551 | 2.283 ug/L # | 91 |
| 59) 1,2,3-Trichloropropane | 11.28 | 75 | 13084 | 2.082 ug/L | 96 |
| 61) Bromoform | 10.84 | 173 | 9062 | 2.215 ug/L # | 95 |
| 62) 1,3-Dichlorobenzene | 12.01 | 146 | 16913 | 1.784 ug/L | 95 |
| 63) 1,4-Dichlorobenzene | 12.08 | 146 | 20095 | 2.083 ug/L | 91 |
| 65) 1,2-Dichlorobenzene | 12.37 | 146 | 18656 | 2.043 ug/L # | 91 |
| 66) 1,2-Dibromo-3-chloropropan | 12.99 | 75 | 4089 | 2.394 ug/L # | 72 |
| 67) 1,3,5-Trichlorobenzene | 13.15 | 180 | 11237 | 1.817 ug/L | 95 |
| 68) 1,2,4-trichlorobenzene | 13.63 | 180 | 10343 | 1.812 ug/L | 99 |
| 69) Naphthalene | 13.82 | 128 | 30094 | 1.668 ug/L | 95 |
| 70) 1,2,3-Trichlorobenzene | 14.00 | 180 | 10491 | 1.838 ug/L | 96 |

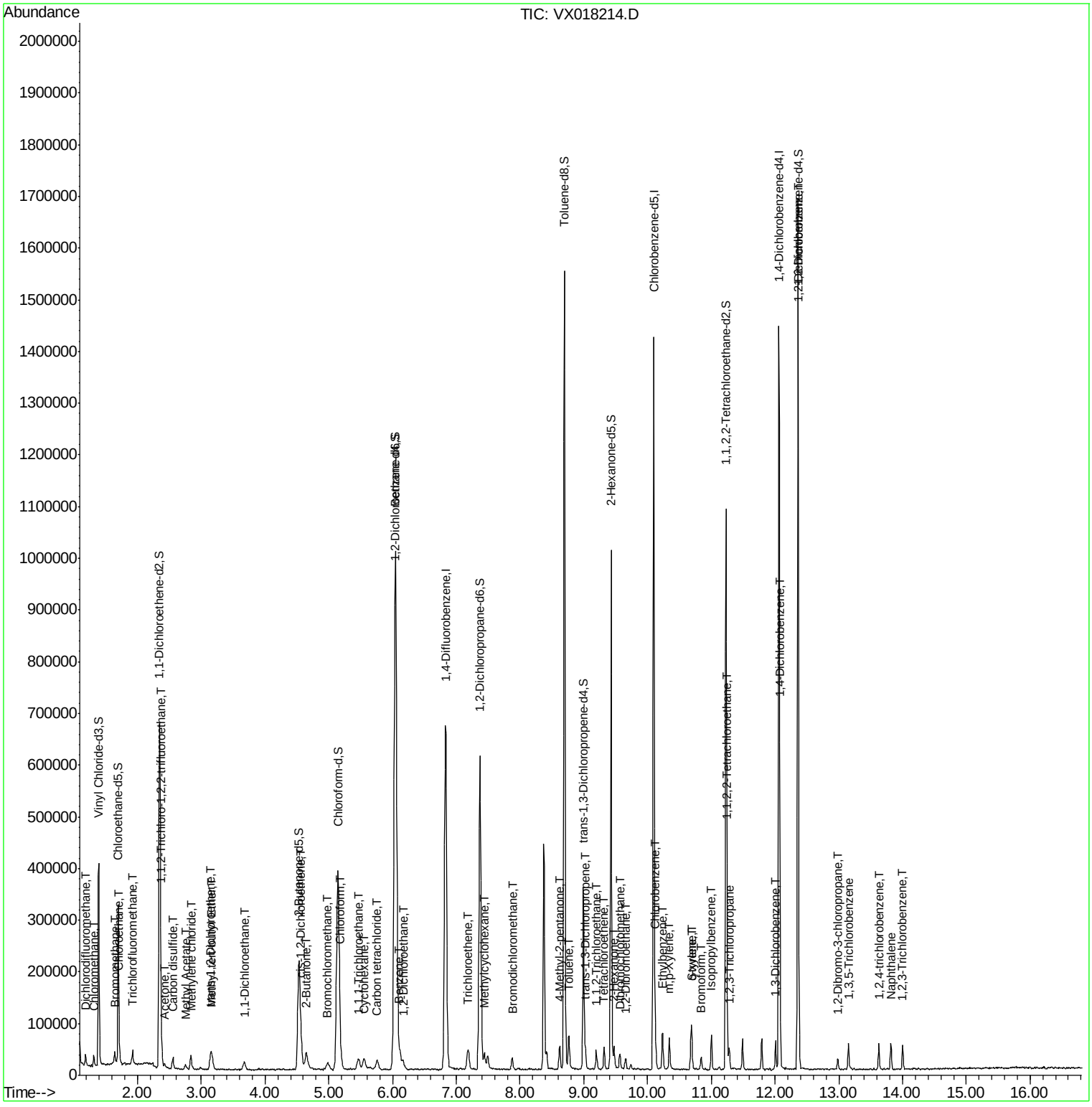
(#) = qualifier out of range (m) = manual integration (+) = signals summed

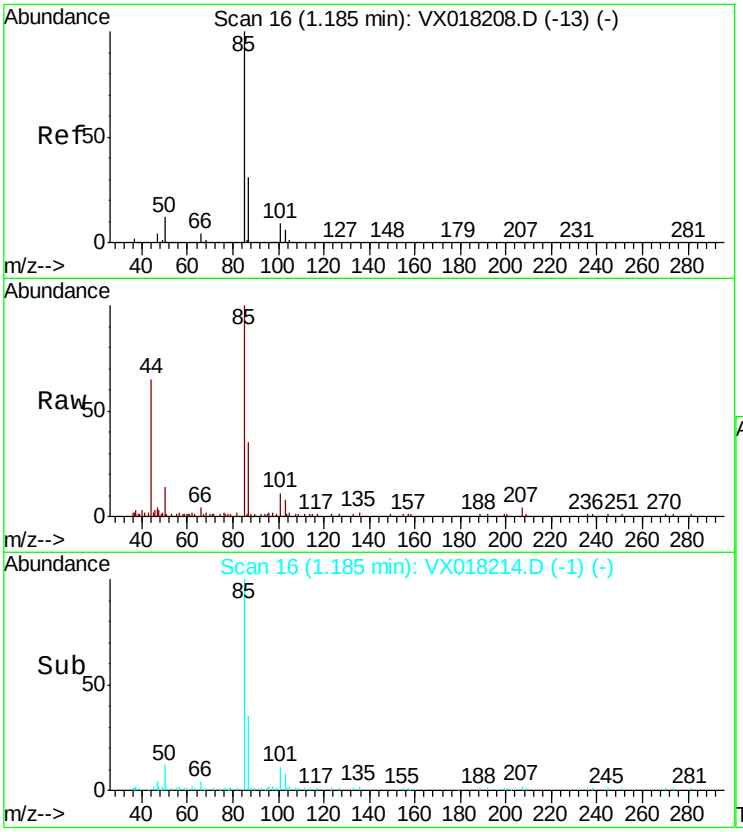
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090220\
Data File : VX018214.D
Acq On : 02 Sep 2020 14:20
Operator : JC/SP
Sample : MDL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MDL02

Quant Time: Sep 03 04:58:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXLM090220WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 03 04:54:32 2020
Response via : Initial Calibration



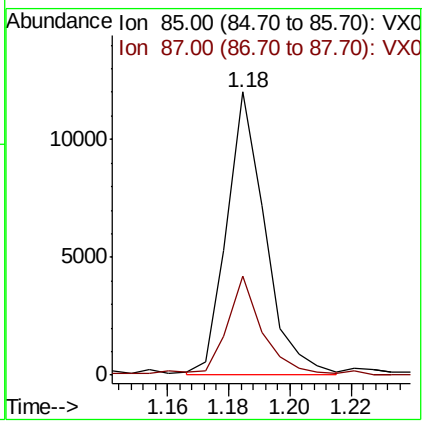


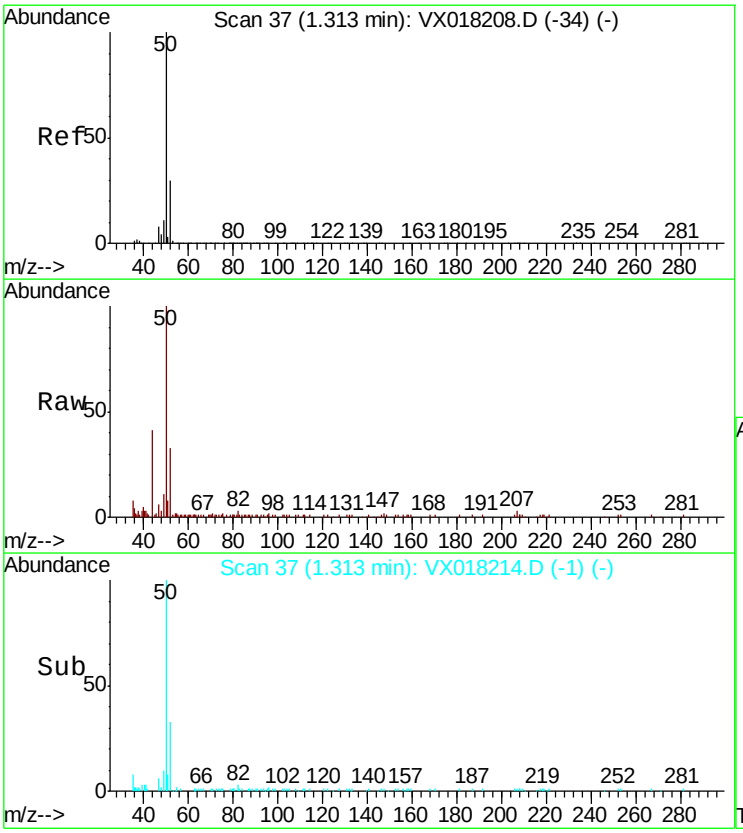

#2
Dichlorodifluoromethane
Concen: 1.834 ug/L
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
MDL02

Tgt Ion: 85 Resp: 10324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.3 | 25.2 | 37.8 |

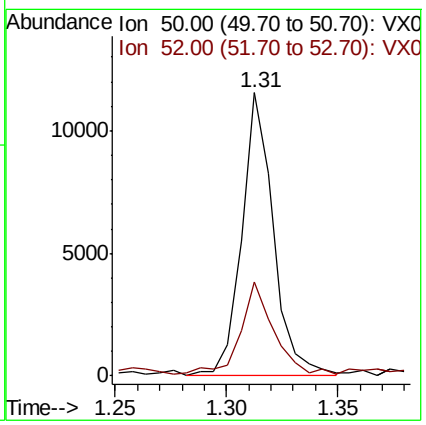


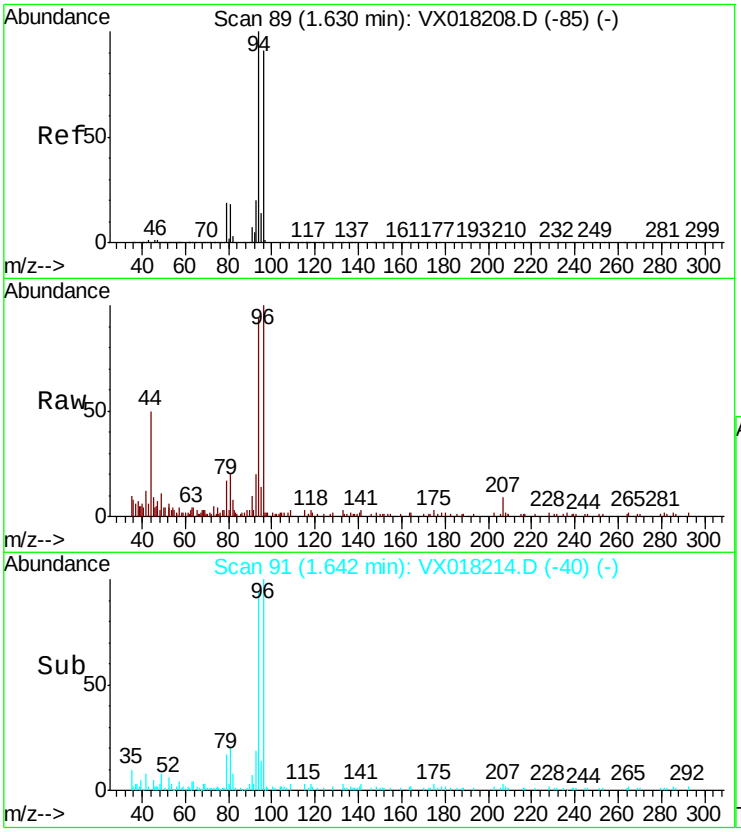




#3
Chloromethane
Concen: 2.227 ug/L
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion: 50 Resp: 11482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.0 | 21.0 | 39.0 |



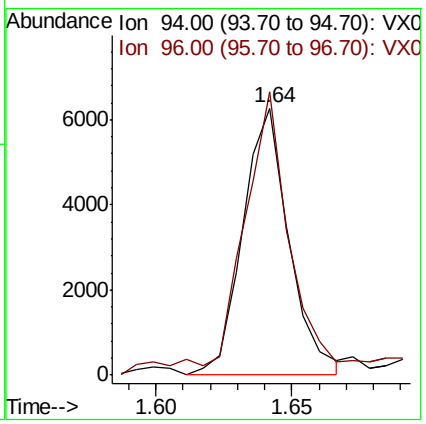


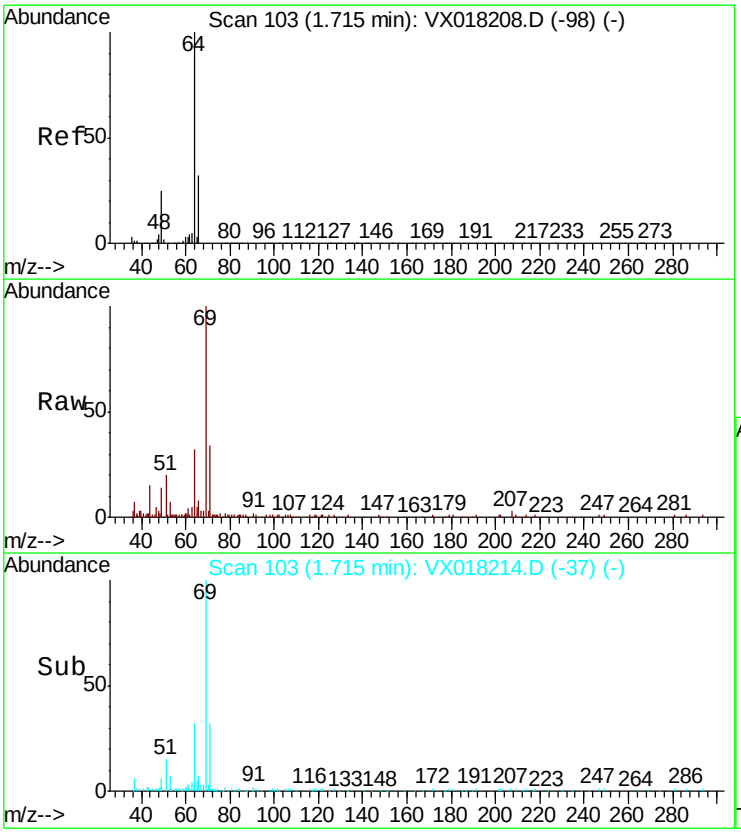

#6
Bromomethane
Concen: 2.533 ug/L
RT: 1.64 min Scan# 91
Delta R.T. 0.01 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
MDL02

Tgt Ion: 94 Resp: 7427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 106.0 | 63.9 | 118.7 |

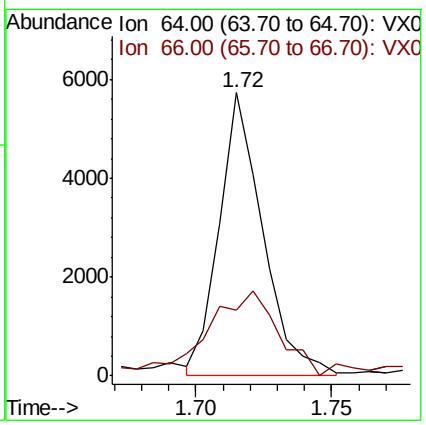


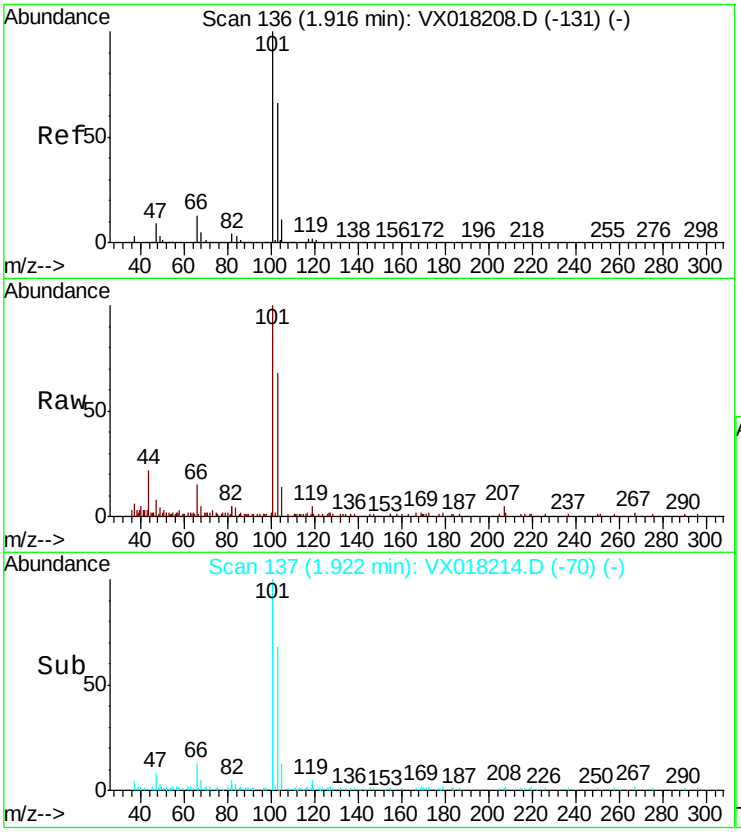




#8
Chloroethane
Concen: 2.118 ug/L
RT: 1.72 min Scan# 103
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion: 64 Resp: 6384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 23.3 | 22.5 | 41.7 |



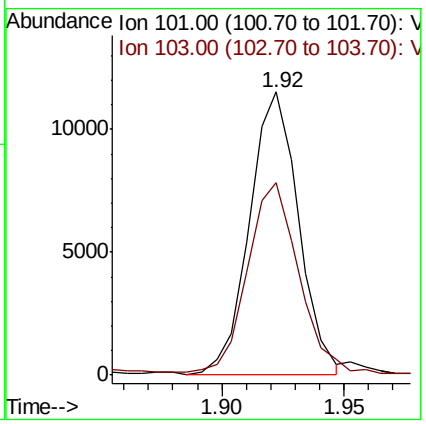


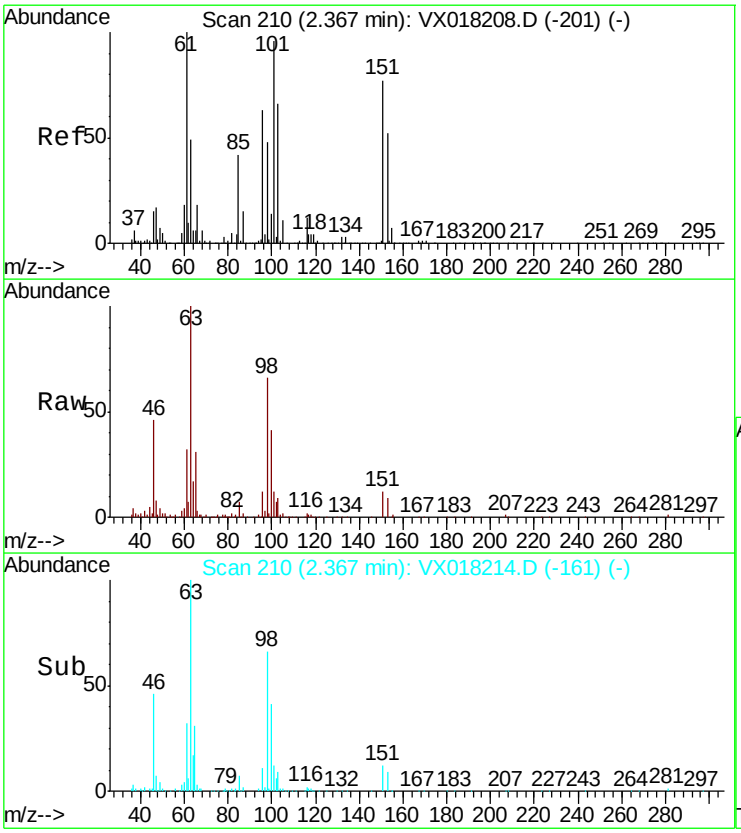

#9
Trichlorofluoromethane
Concen: 1.903 ug/L
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
MDL02

Tgt Ion:101 Resp: 16191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 70.5 | 51.4 | 77.2 |

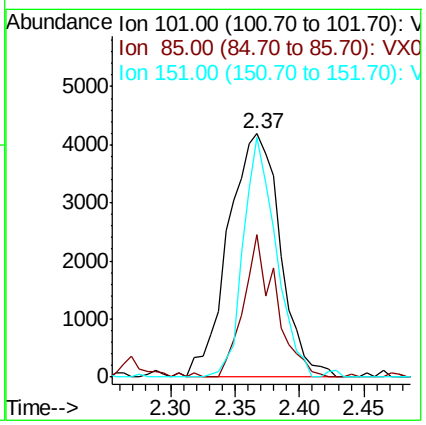


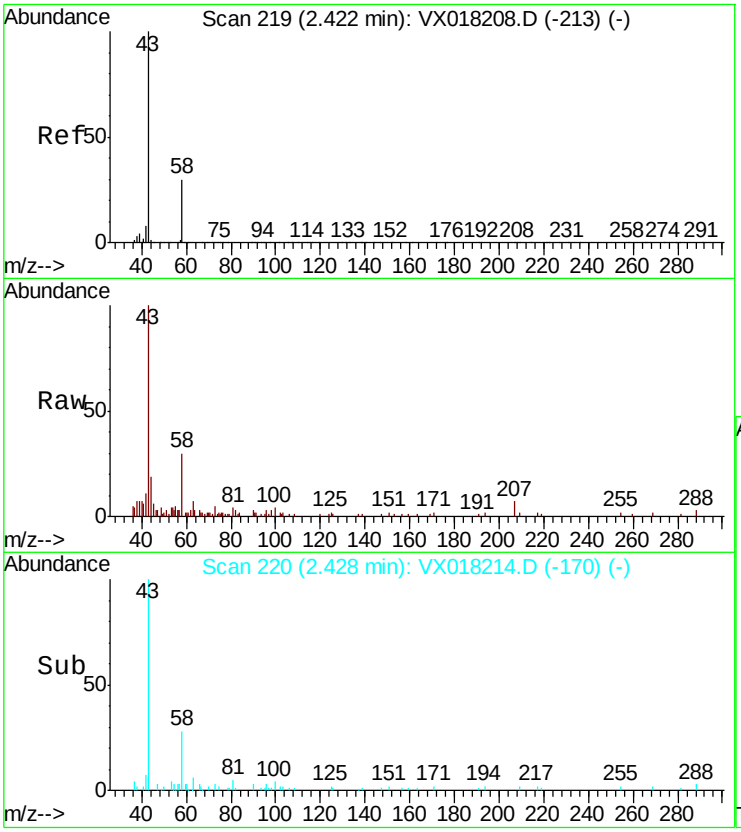




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.530 ug/L
RT: 2.37 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion:101 Resp: 11701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 36.7 | 35.8 | 53.6 |
| 151 | 61.6 | 61.6 | 92.4 |



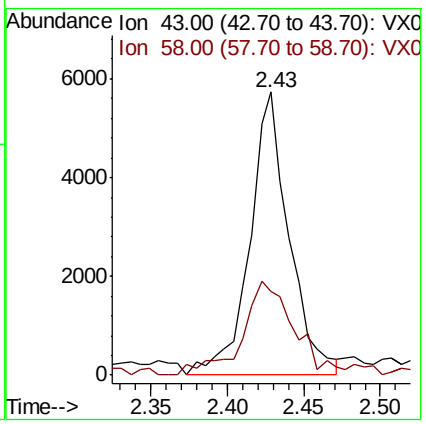


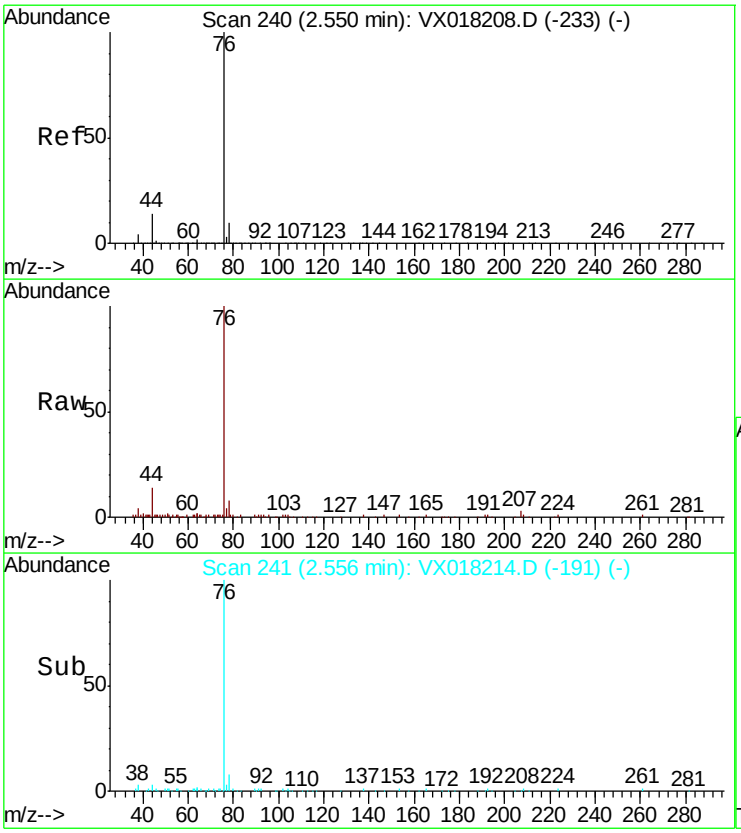

#13
Acetone
Concen: 4.874 ug/L
RT: 2.43 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
MDL02

Tgt Ion: 43 Resp: 10266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.0 | 0.0 | 59.2 |

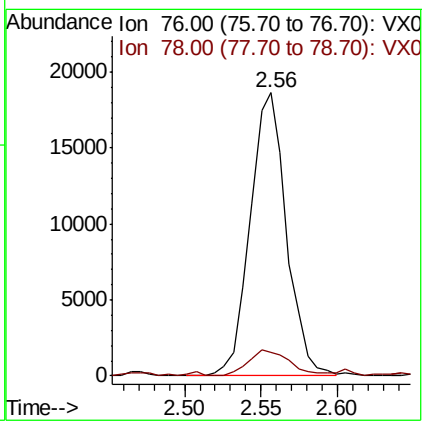


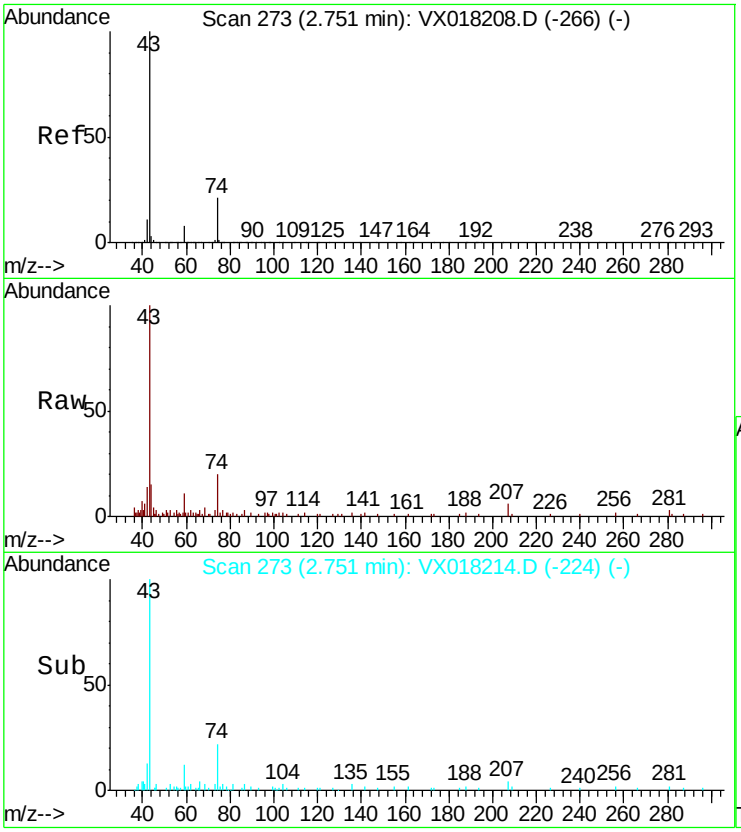




#14
Carbon disulfide
Concen: 2.233 ug/L
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion: 76 Resp: 30787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.5 | 7.7 | 11.5 |



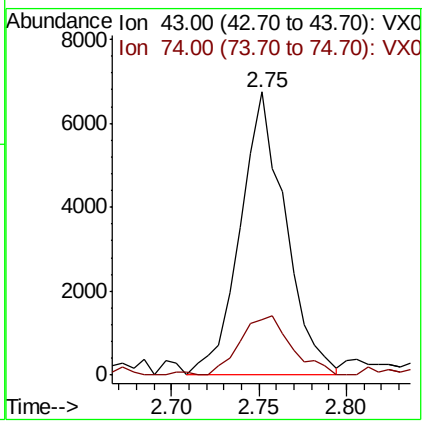


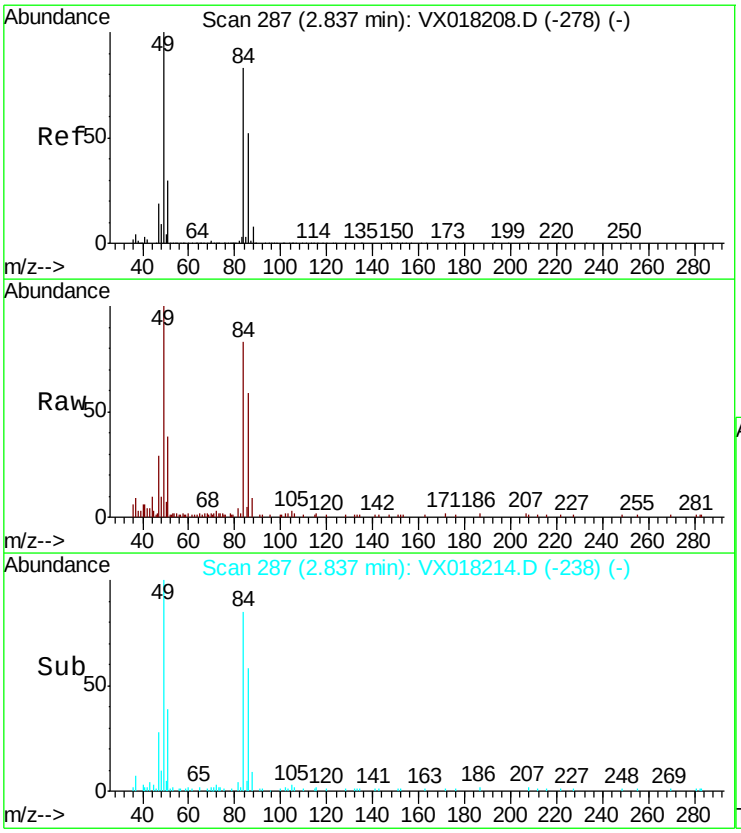

#15
Methyl Acetate
Concen: 2.347 ug/L
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
MDL02

Tgt Ion: 43 Resp: 12148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 23.5 | 17.8 | 26.8 |

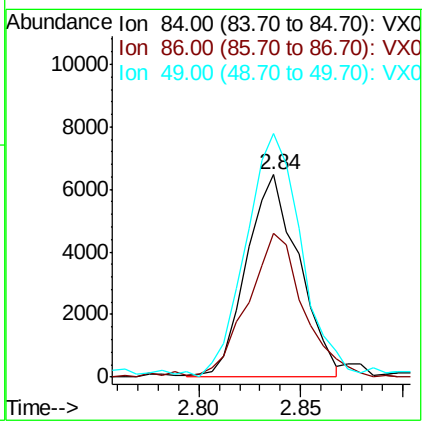


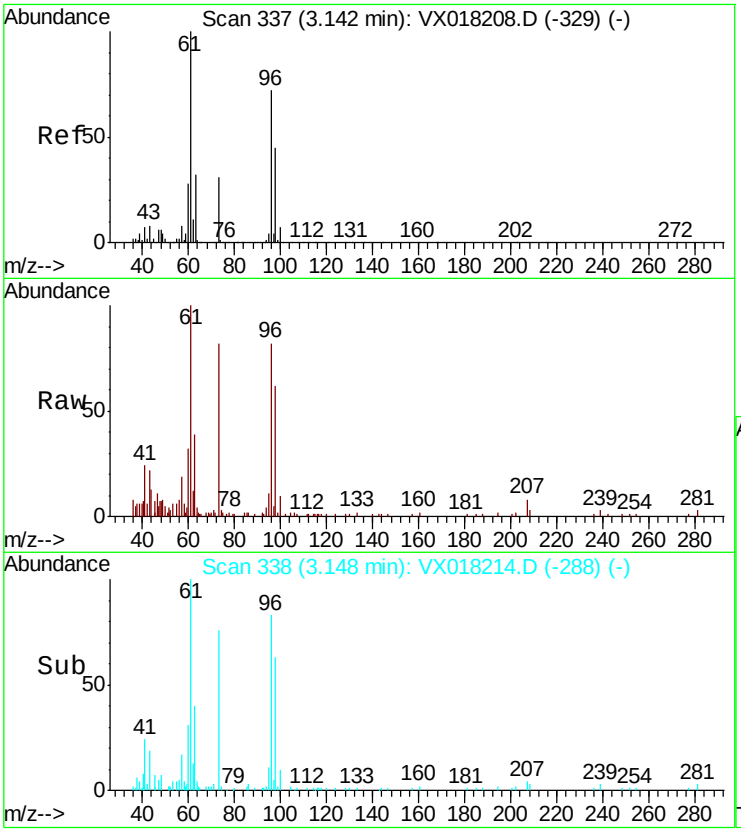




#16
Methylene chloride
Concen: 2.348 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion: 84 Resp: 11584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 70.9 | 43.6 | 81.0 |
| 49 | 120.2 | 84.5 | 156.9 |



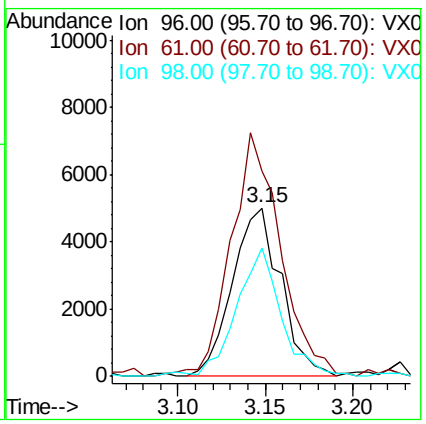


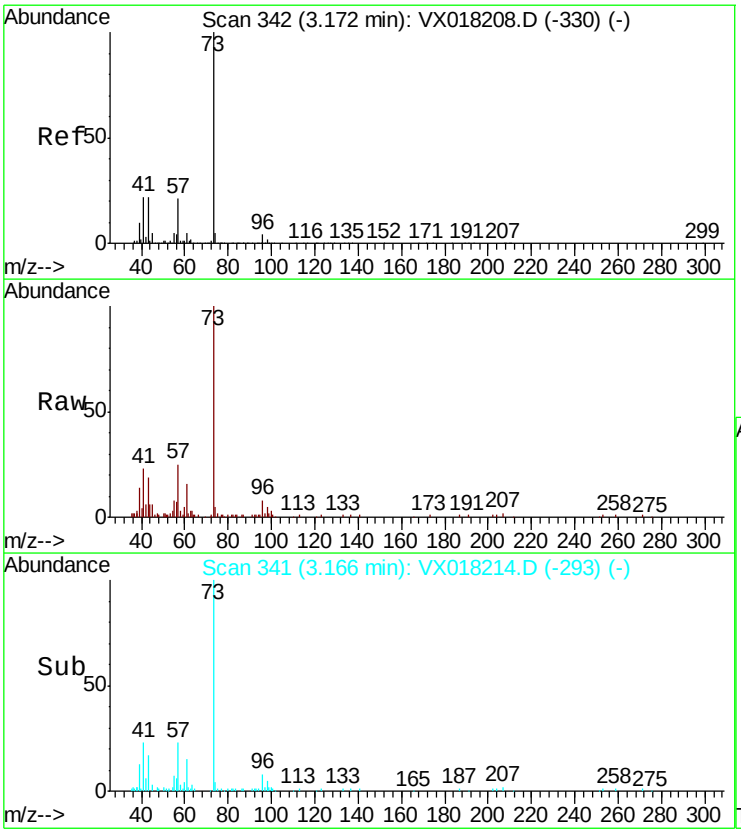

#17
trans-1,2-Dichloroethene
Concen: 2.064 ug/L
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
MDL02

Tgt Ion: 96 Resp: 9634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 122.0 | 97.1 | 180.3 |
| 98 | 75.9 | 43.9 | 81.5 |

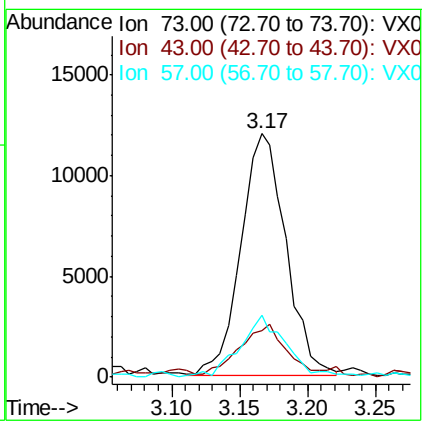


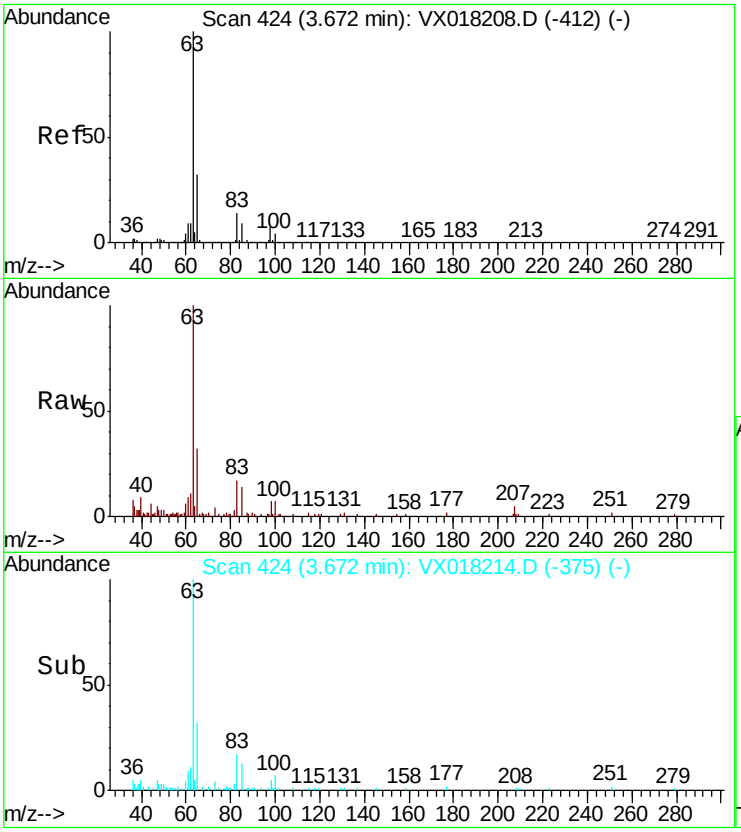




#18
Methyl tert-butyl Ether
Concen: 1.898 ug/L
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion: 73 Resp: 27662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 21.6 | 17.4 | 26.2 |
| 57 | 24.4 | 17.1 | 25.7 |



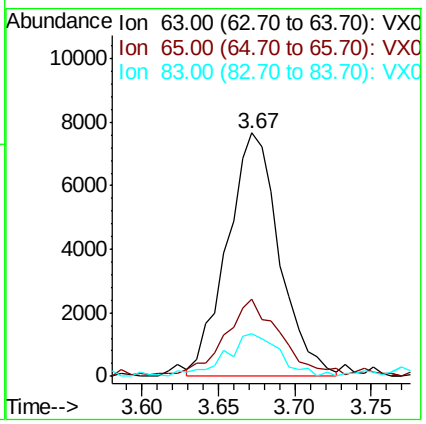


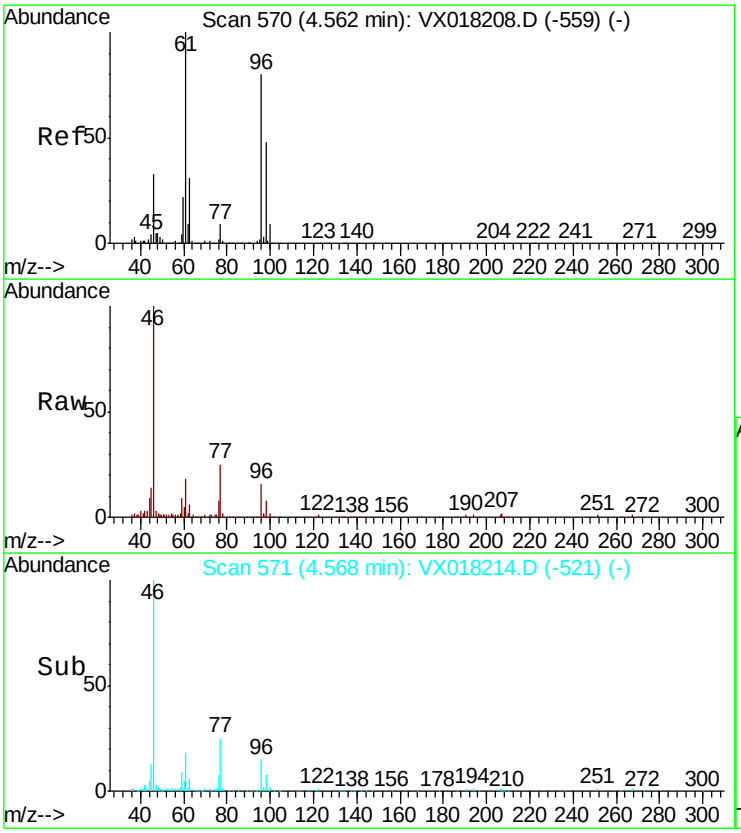

#19
1,1-Dichloroethane
Concen: 2.083 ug/L
RT: 3.67 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
MDL02

Tgt Ion: 63 Resp: 18226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.5 | 22.7 | 42.3 |
| 83 | 17.3 | 9.7 | 18.1 |

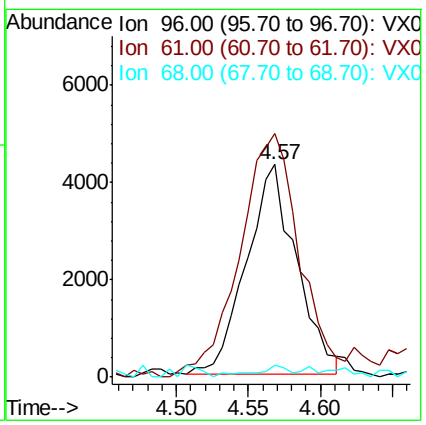


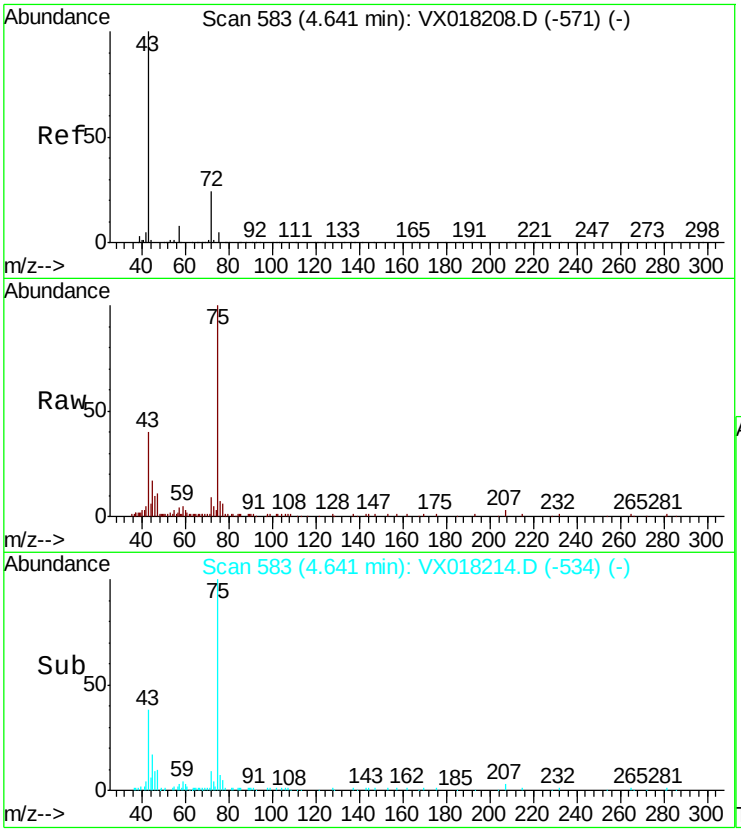




#20
cis-1,2-Dichloroethene
Concen: 2.081 ug/L
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion: 96 Resp: 10383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 104.5 | 88.0 | 163.4 |
| 68 | 5.0 | 0.1 | 0.1# |



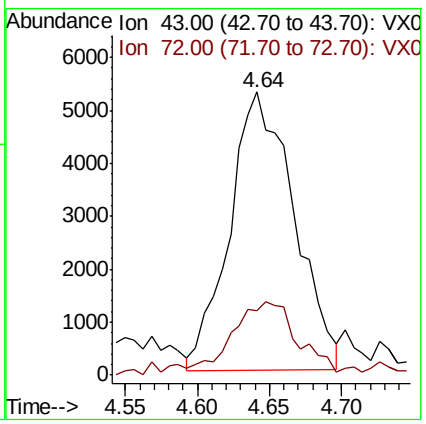


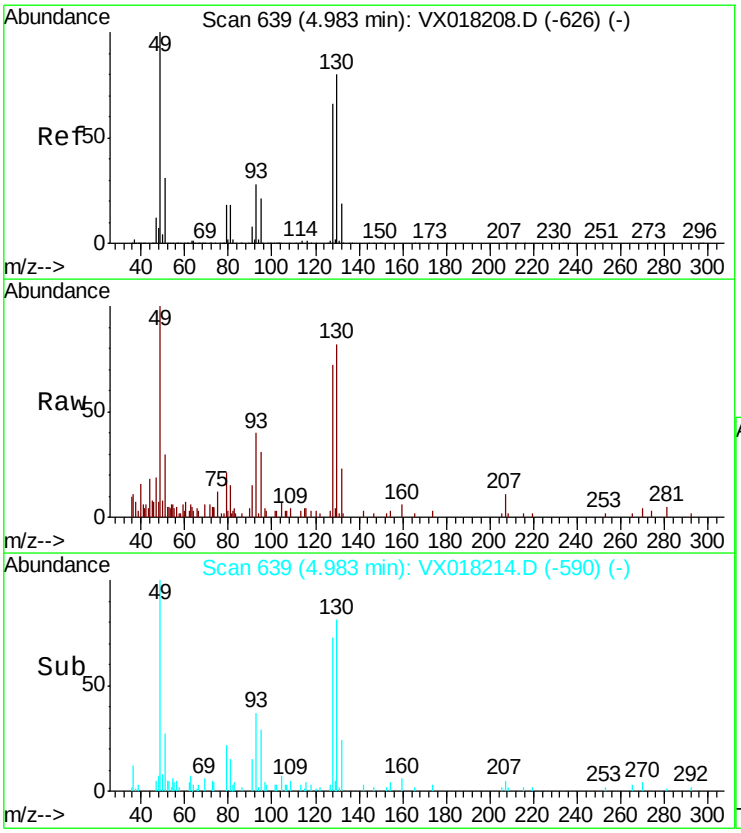

#22
2-Butanone
Concen: 4.749 ug/L
RT: 4.64 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
MDL02

Tgt Ion: 43 Resp: 16405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 23.1 | 12.7 | 38.1 |

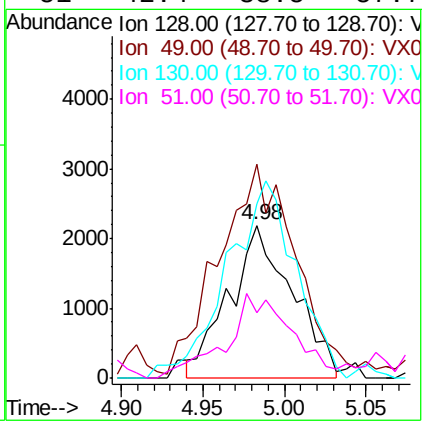


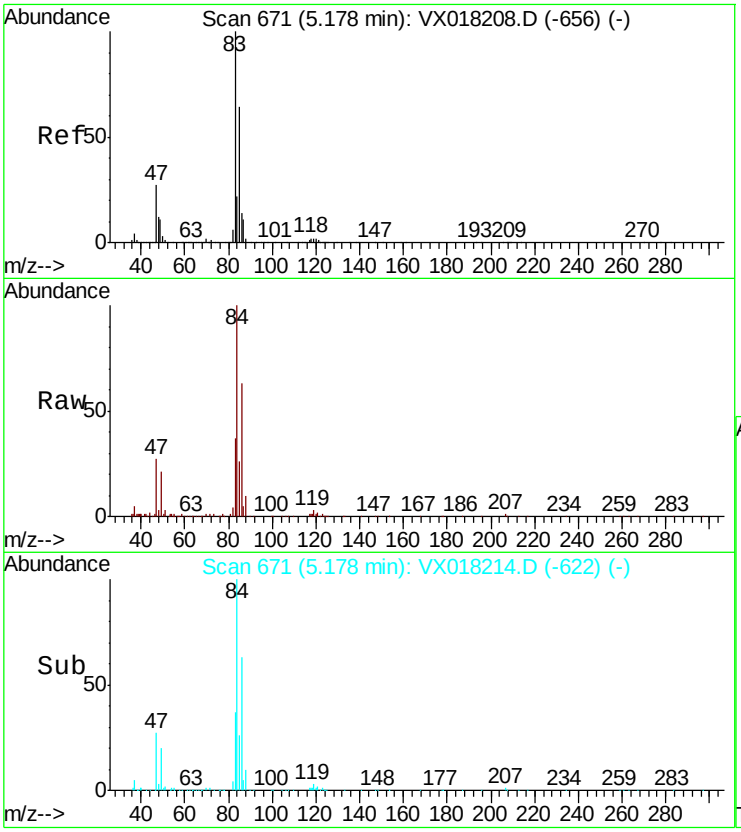




#23
Bromochloromethane
Concen: 2.124 ug/L
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion:128 Resp: 5930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 139.6 | 106.8 | 198.4 |
| 130 | 114.0 | 85.3 | 158.5 |
| 51 | 42.4 | 38.5 | 57.7 |



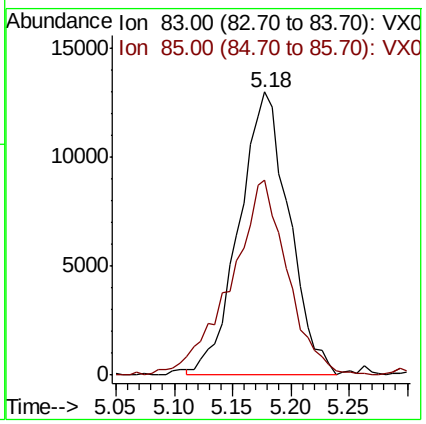


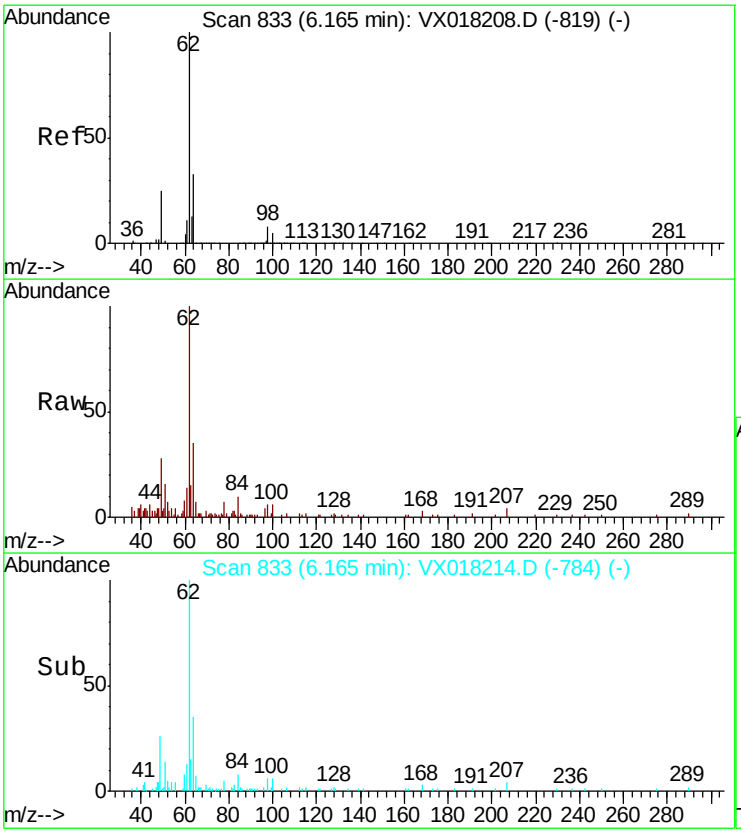

#25
Chloroform
Concen: 3.894 ug/L
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
MDL02

Tgt Ion: 83 Resp: 38970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 68.8 | 44.7 | 83.1 |

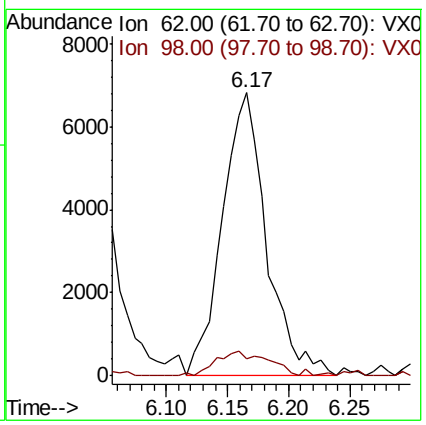


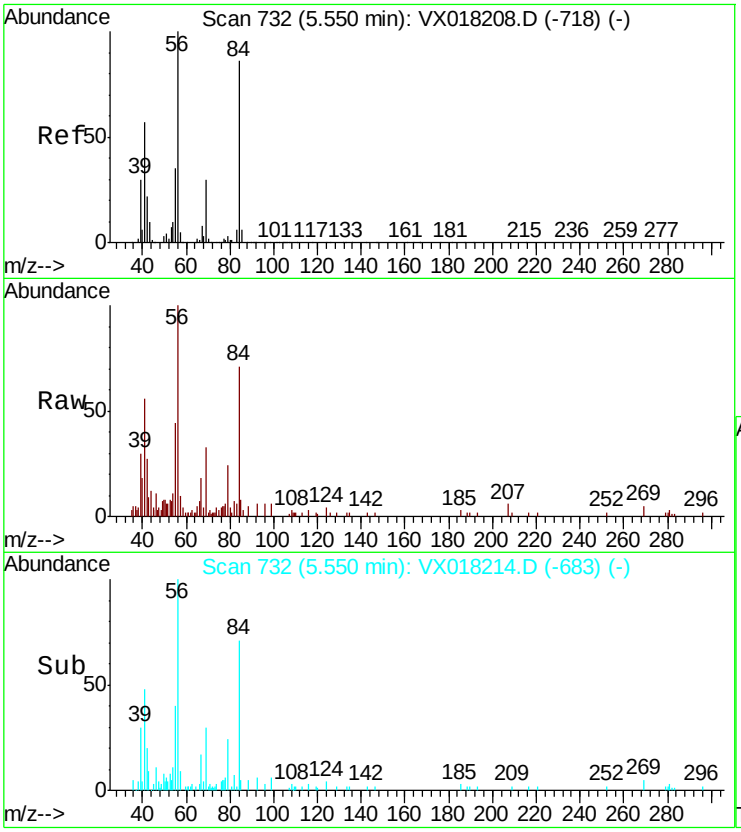




#27
1,2-Dichloroethane
Concen: 2.254 ug/L
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion: 62 Resp: 17092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 6.0 | 6.6 | 9.8# |



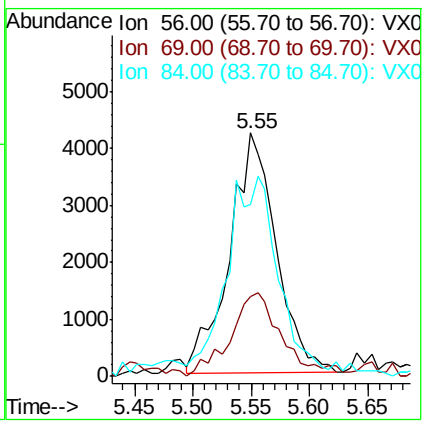


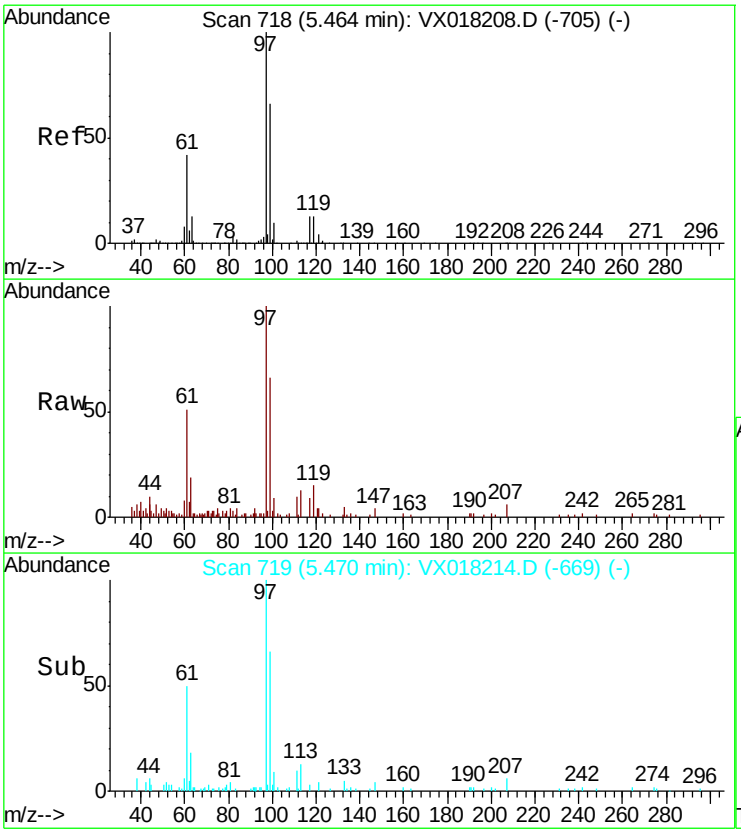

#29
Cyclohexane
Concen: 1.665 ug/L
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :** MSVOA_X
**ClientSampleId :** MDL02

Tgt Ion: 56 Resp: 11763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 36.2 | 25.4 | 38.2 |
| 84 | 51.0 | 69.8 | 104.8# |

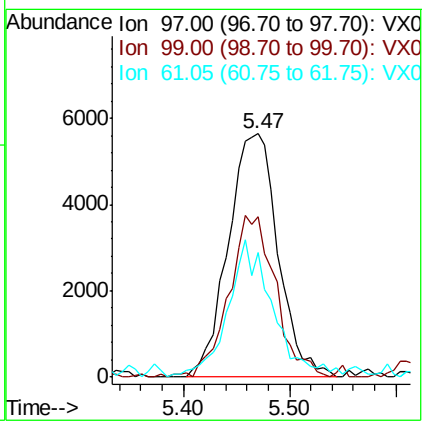


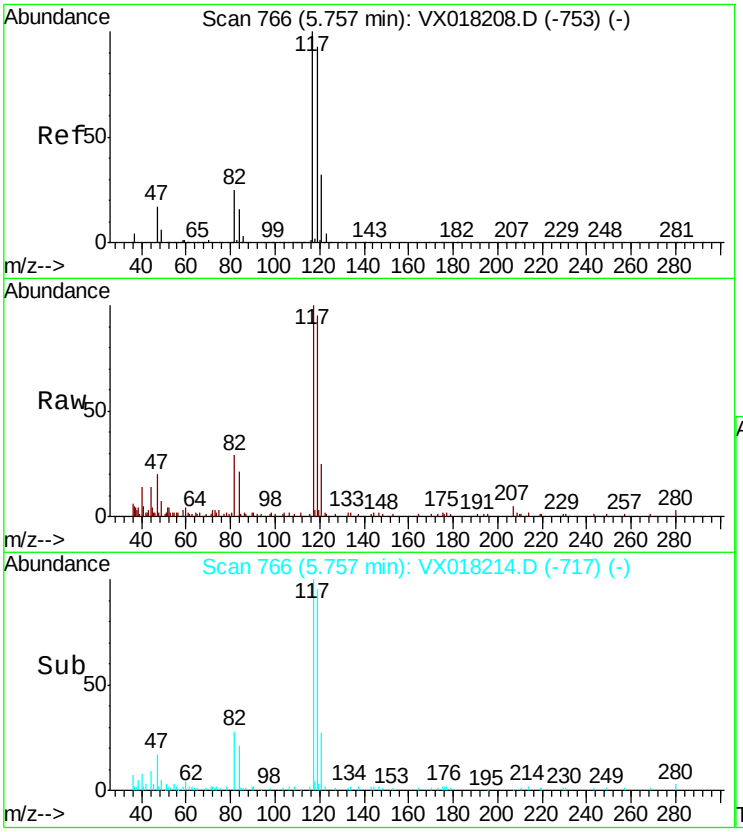




#30
1,1,1-Trichloroethane
Concen: 2.100 ug/L
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion: 97 Resp: 18509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 59.7 | 51.7 | 77.5 |
| 61 | 46.6 | 33.8 | 50.6 |



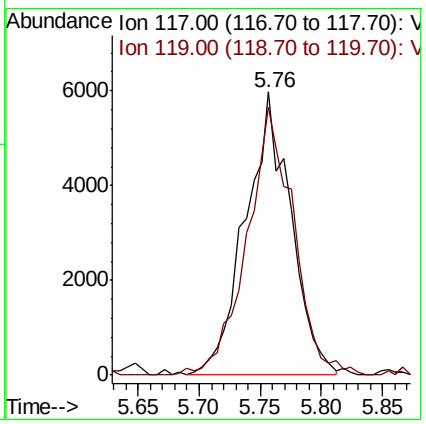


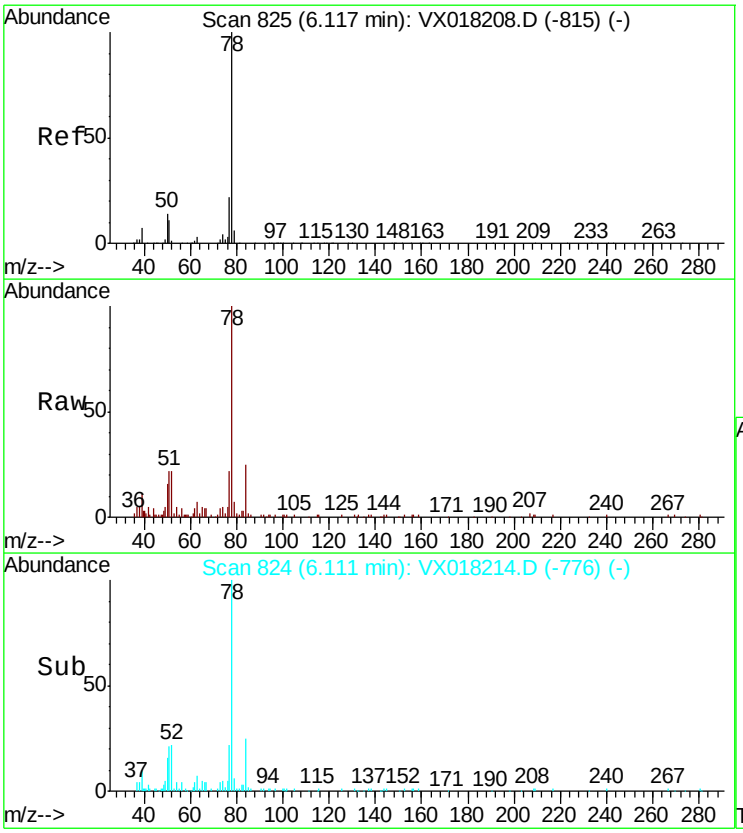

#31
Carbon tetrachloride
Concen: 1.916 ug/L
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
MDL02

Tgt Ion:117 Resp: 15378

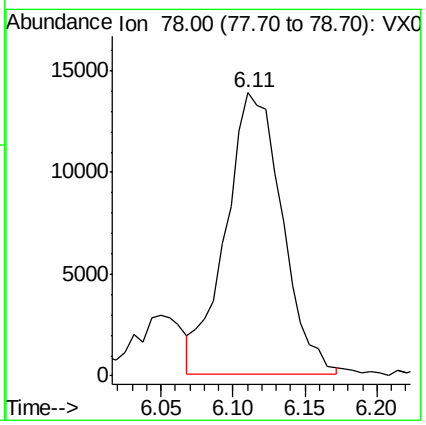
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 92.9 | 76.8 | 115.2 |

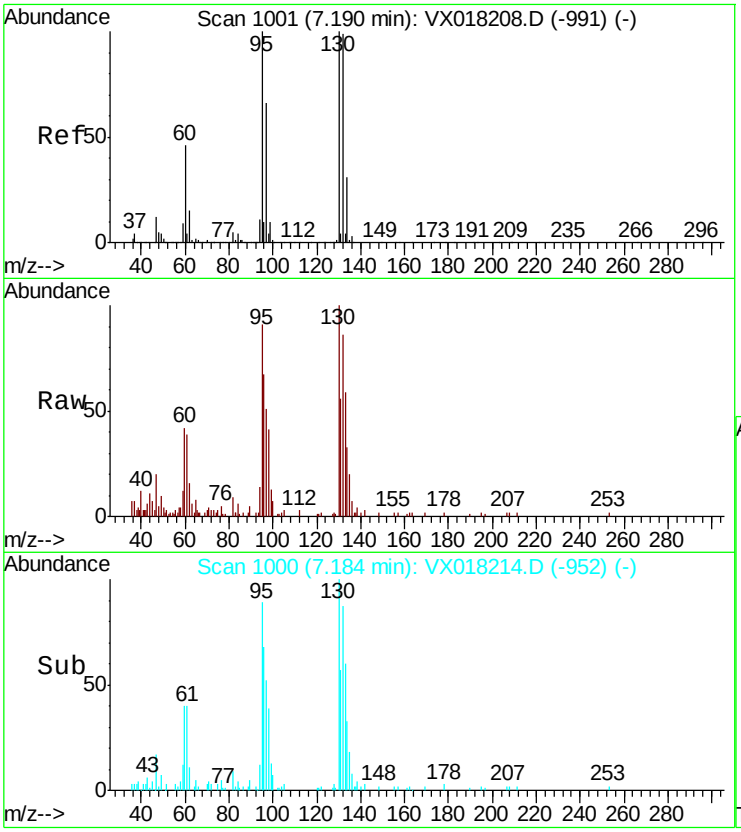



#33
Benzene
Concen: 2.021 ug/L
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion: 78 Resp: 37543



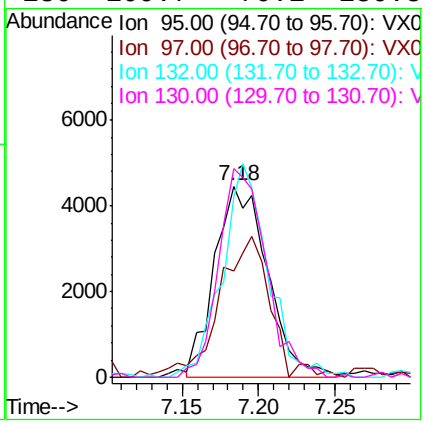


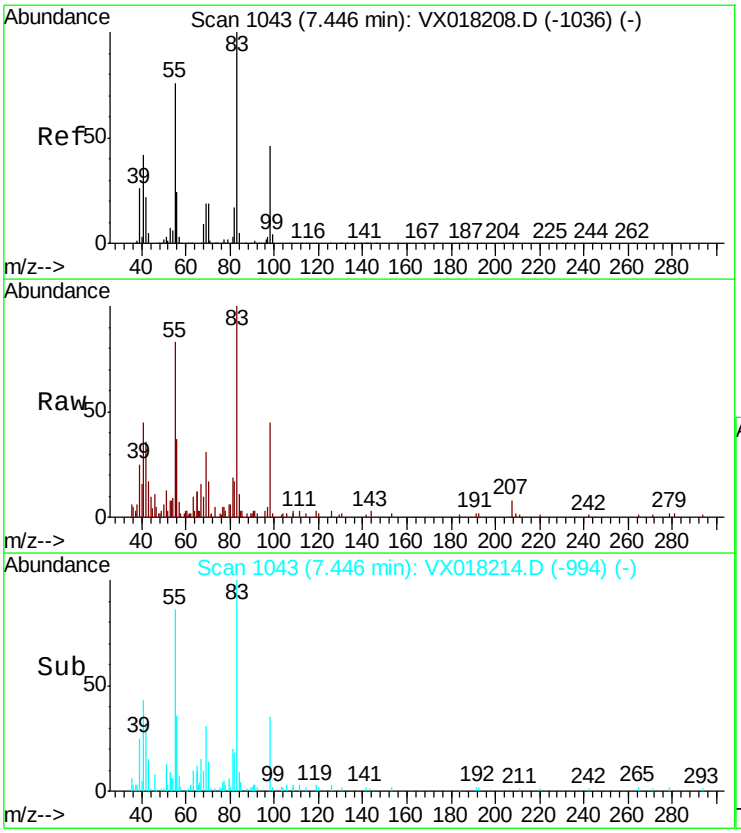

#34
Trichloroethene
Concen: 2.058 ug/L
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
MDL02

Tgt Ion: 95 Resp: 10728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 55.9 | 46.2 | 85.8 |
| 132 | 94.7 | 69.2 | 128.4 |
| 130 | 109.7 | 70.1 | 130.3 |

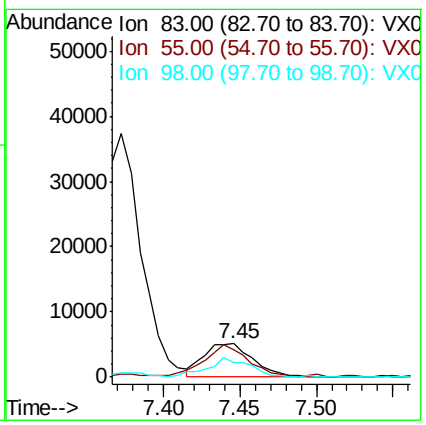


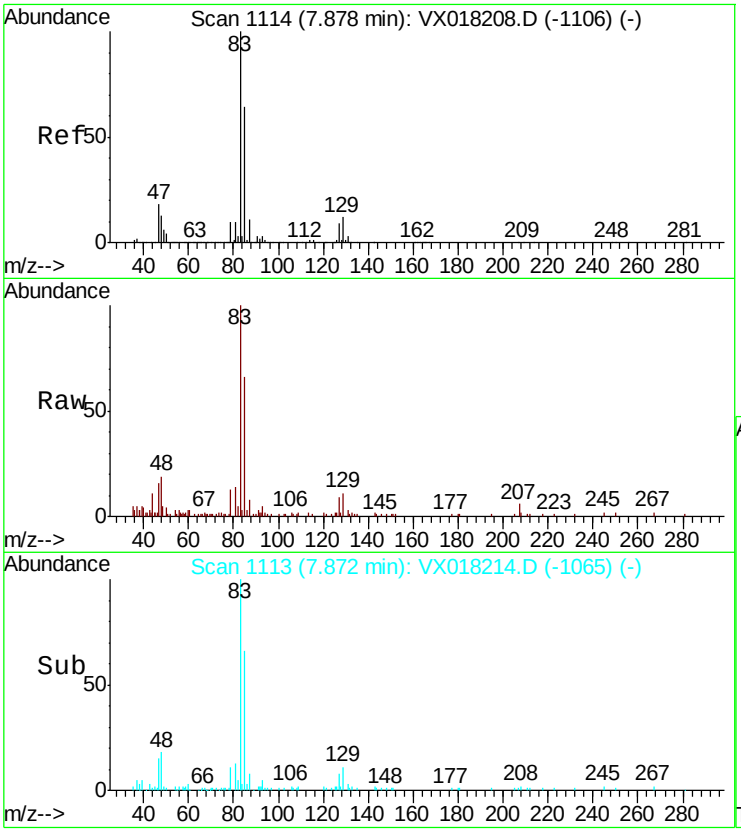




#35
Methylcyclohexane
Concen: 1.615 ug/L
RT: 7.45 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion: 83 Resp: 11701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 83.3 | 62.6 | 94.0 |
| 98 | 49.7 | 37.1 | 55.7 |



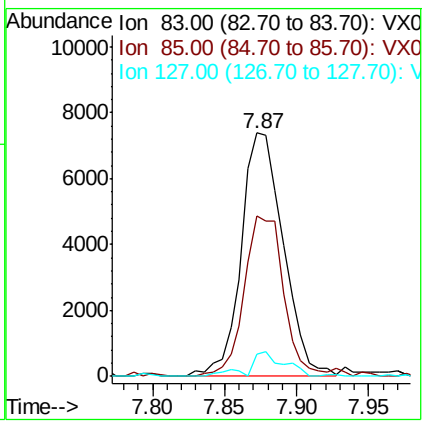


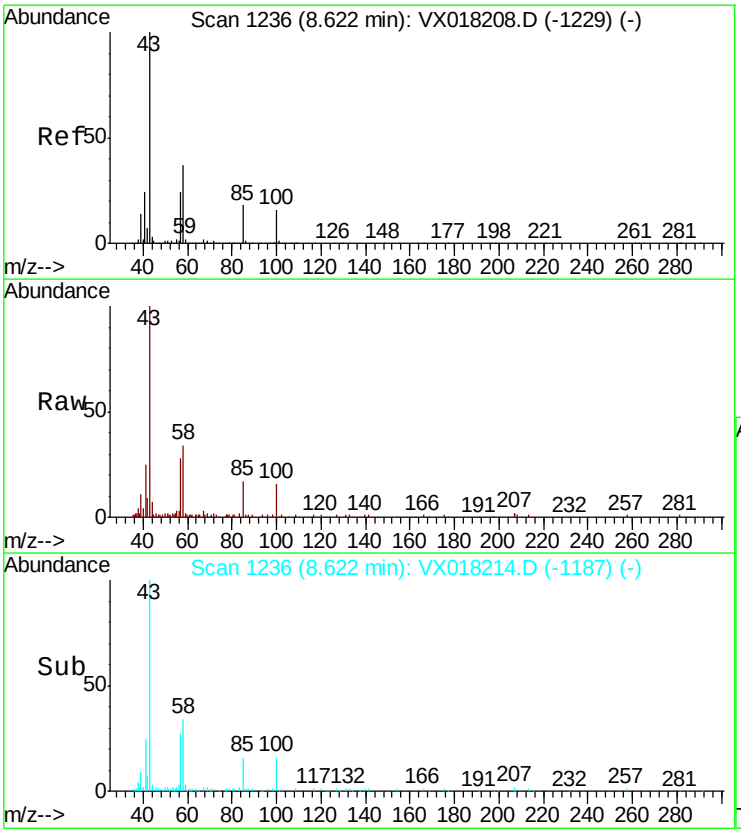

#38
Bromodichloromethane
Concen: 2.135 ug/L
RT: 7.87 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
MDL02

Tgt Ion: 83 Resp: 14955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.9 | 44.5 | 82.7 |
| 127 | 8.9 | 7.4 | 11.2 |

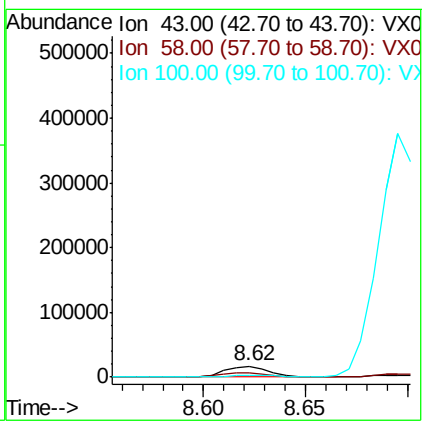


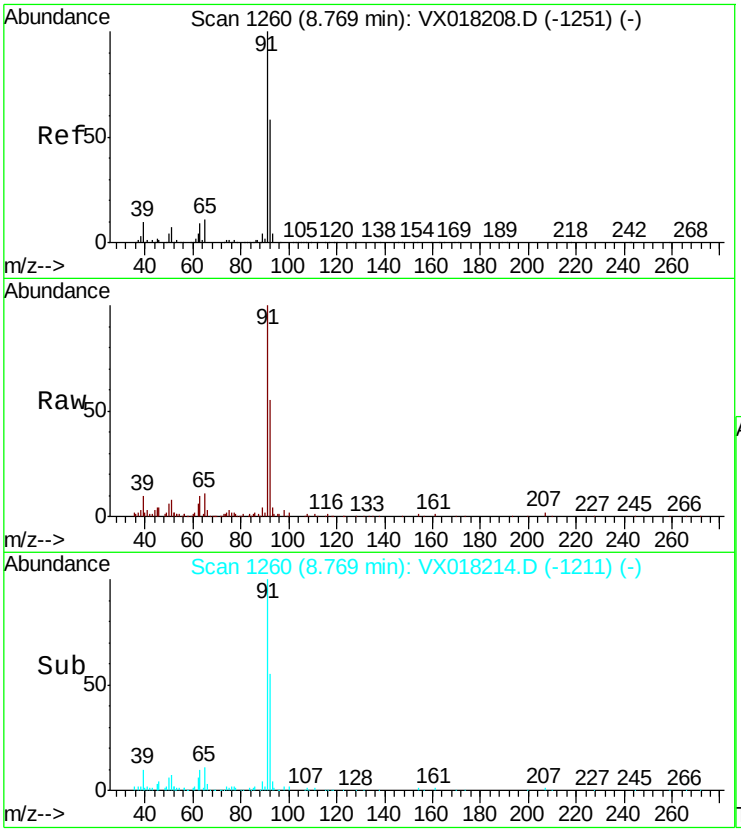




#40
4-Methyl-2-pentanone
Concen: 3.914 ug/L
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion: 43 Resp: 26104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.3 | 30.3 | 45.5 |
| 100 | 18.1 | 11.9 | 17.9# |



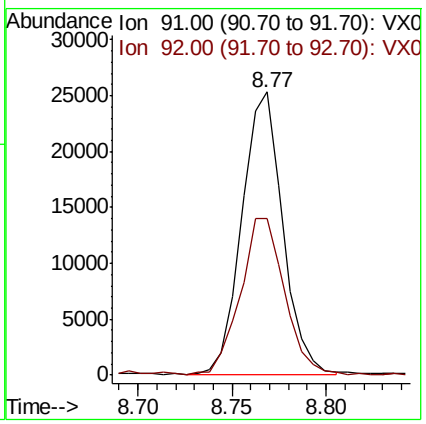


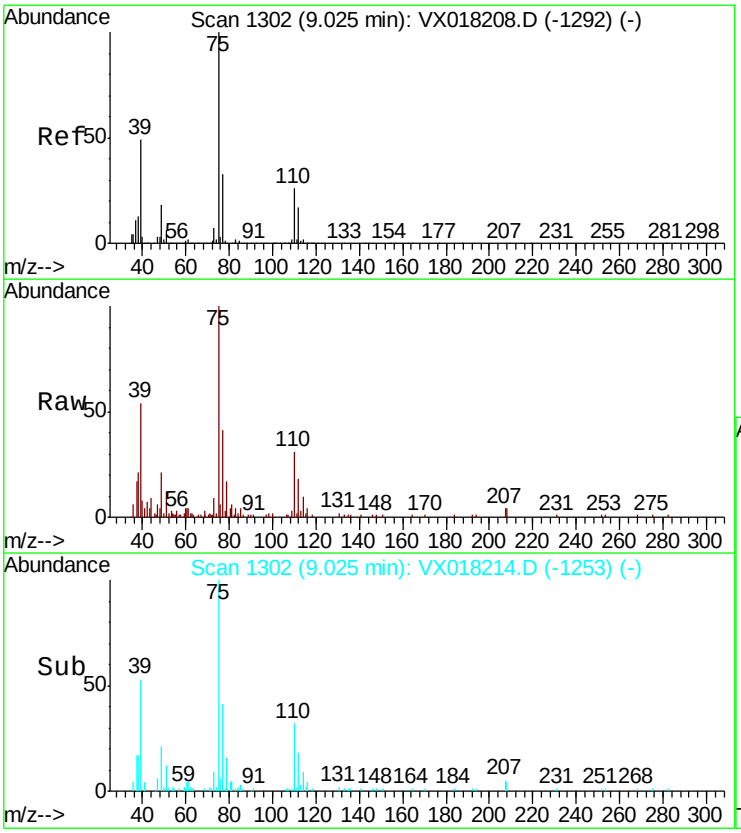

#42
Toluene
Concen: 1.916 ug/L
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
MDL02

Tgt Ion: 91 Resp: 38191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 55.2 | 40.9 | 75.9 |

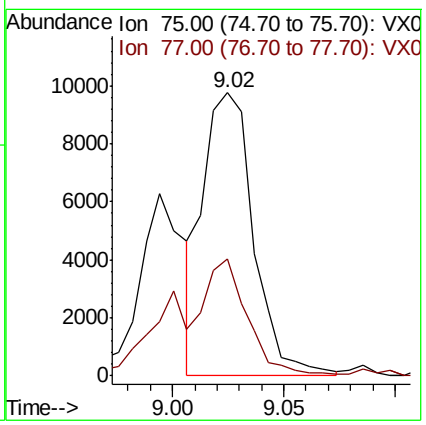


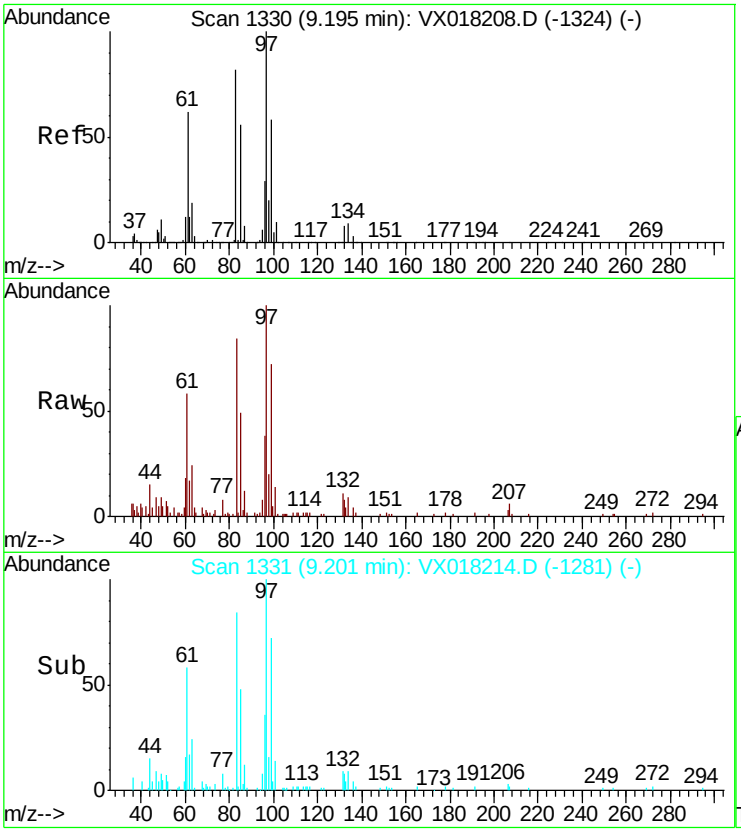




#44
trans-1,3-Dichloropropene
Concen: 1.890 ug/L
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion: 75 Resp: 15250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 41.2 | 23.2 | 43.0 |



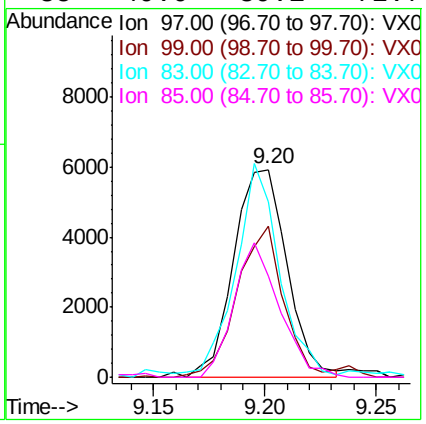


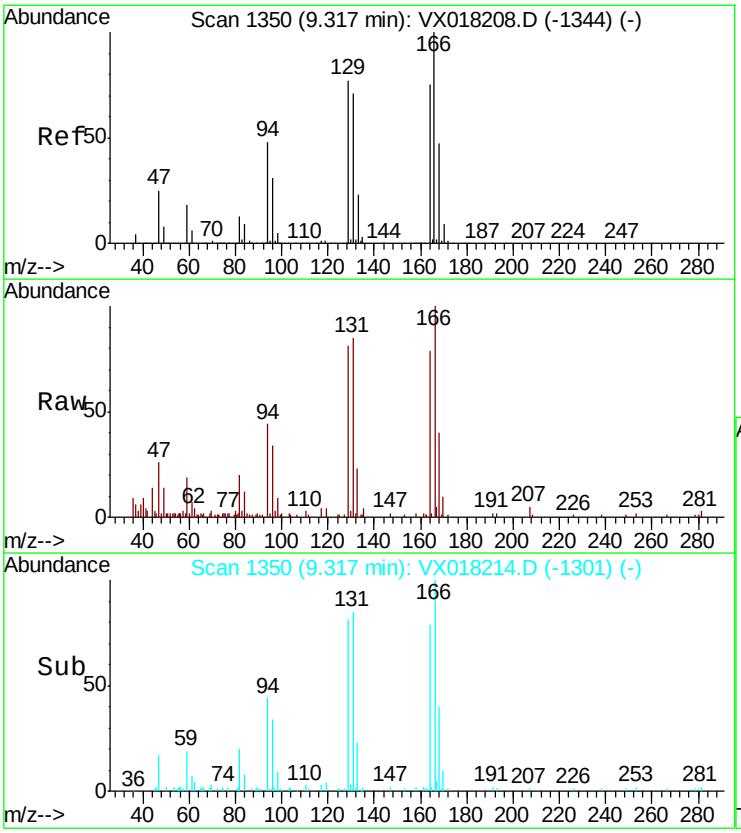

#45
1,1,2-Trichloroethane
Concen: 2.005 ug/L
RT: 9.20 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
MDL02

Tgt Ion: 97 Resp: 9898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 72.4 | 40.3 | 74.9 |
| 83 | 84.2 | 57.7 | 107.1 |
| 85 | 49.0 | 39.1 | 72.7 |

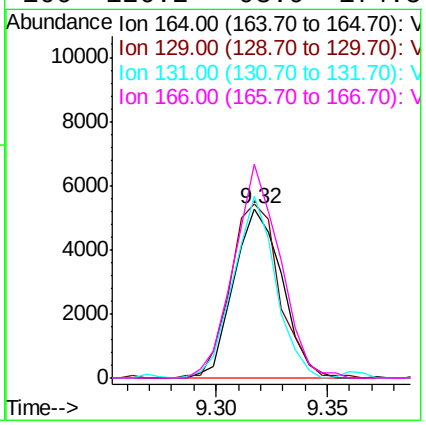


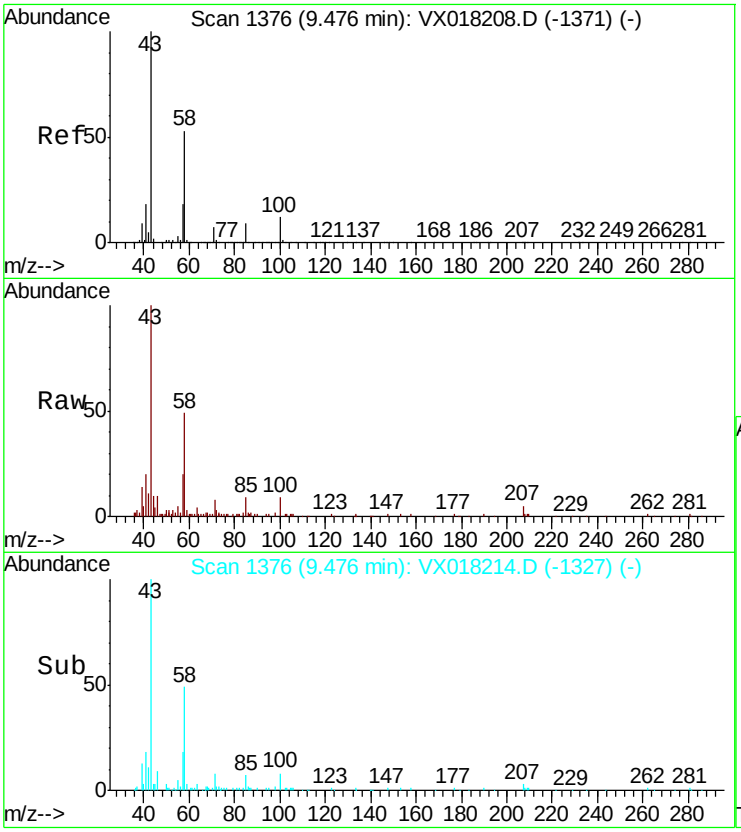




#46
Tetrachloroethene
Concen: 1.917 ug/L
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion:164 Resp: 7965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 102.8 | 72.0 | 133.6 |
| 131 | 107.3 | 66.8 | 124.2 |
| 166 | 126.2 | 93.9 | 174.5 |



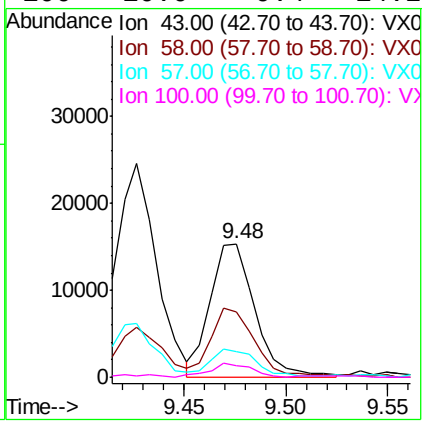


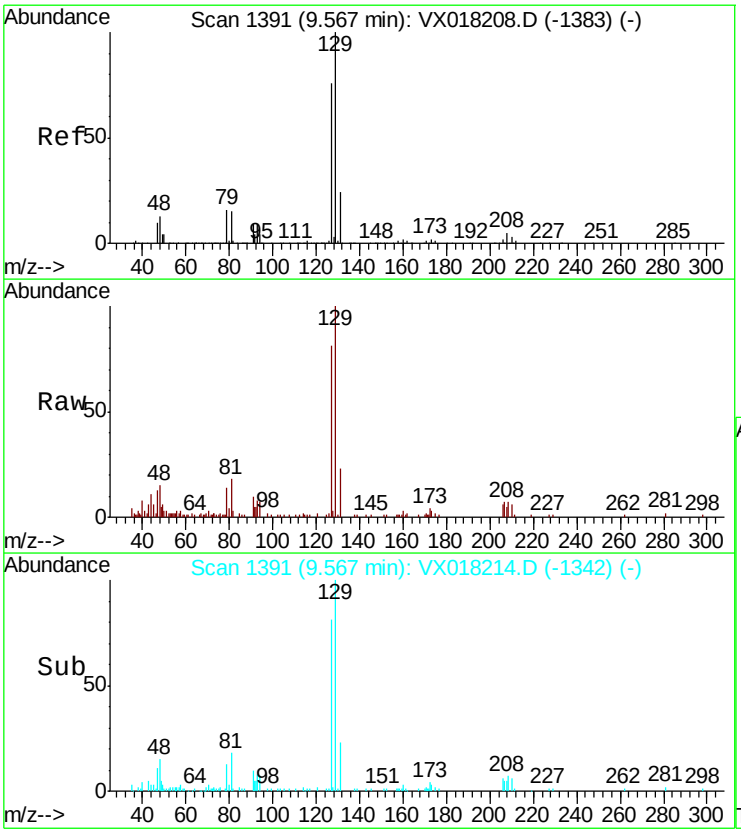

#48
2-Hexanone
Concen: 4.323 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
MDL02

Tgt Ion: 43 Resp: 23305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 50.1 | 41.8 | 62.8 |
| 57 | 21.3 | 15.2 | 22.8 |
| 100 | 10.0 | 9.4 | 14.2 |

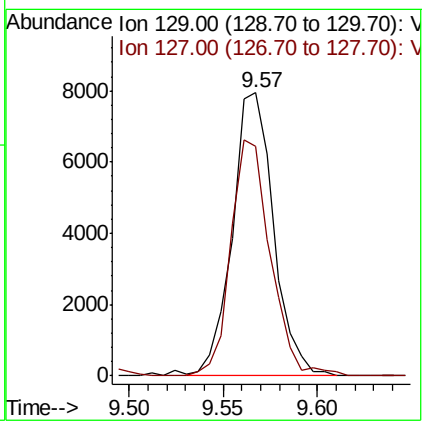


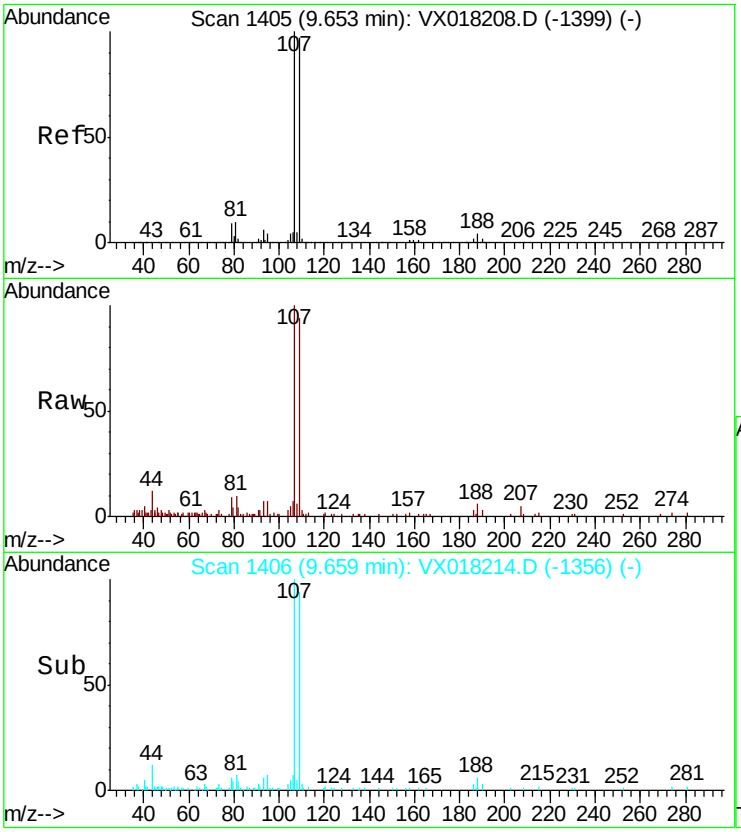




#49
Dibromochloromethane
Concen: 1.994 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion:129 Resp: 12063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 81.2 | 53.1 | 98.5 |



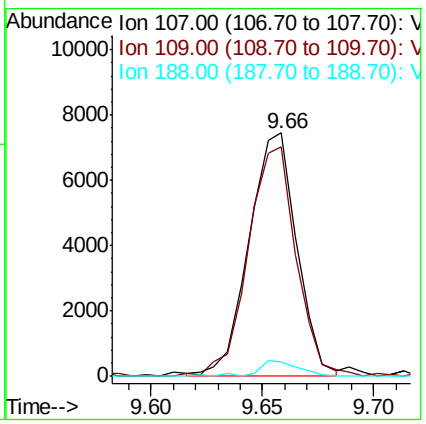


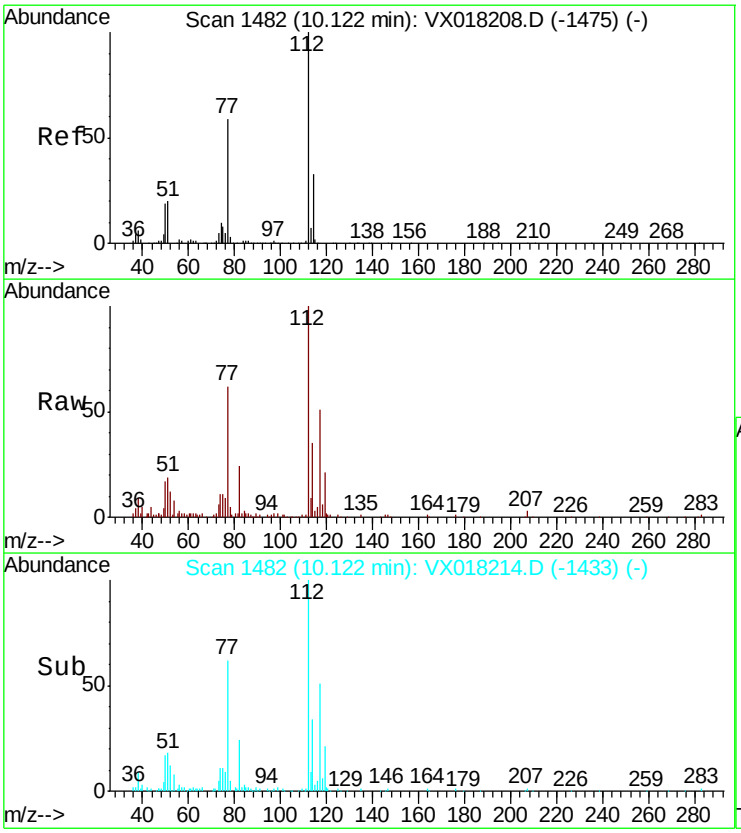

#50
1,2-Dibromoethane
Concen: 2.133 ug/L
RT: 9.66 min Scan# 1406
Delta R.T. 0.01 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
MDL02

Tgt Ion:107 Resp: 11152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.3 | 68.0 | 126.2 |
| 188 | 5.7 | 2.8 | 4.2# |

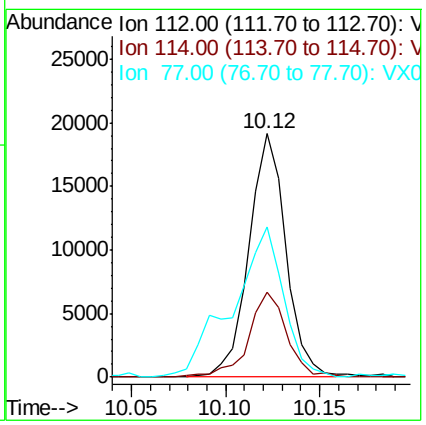


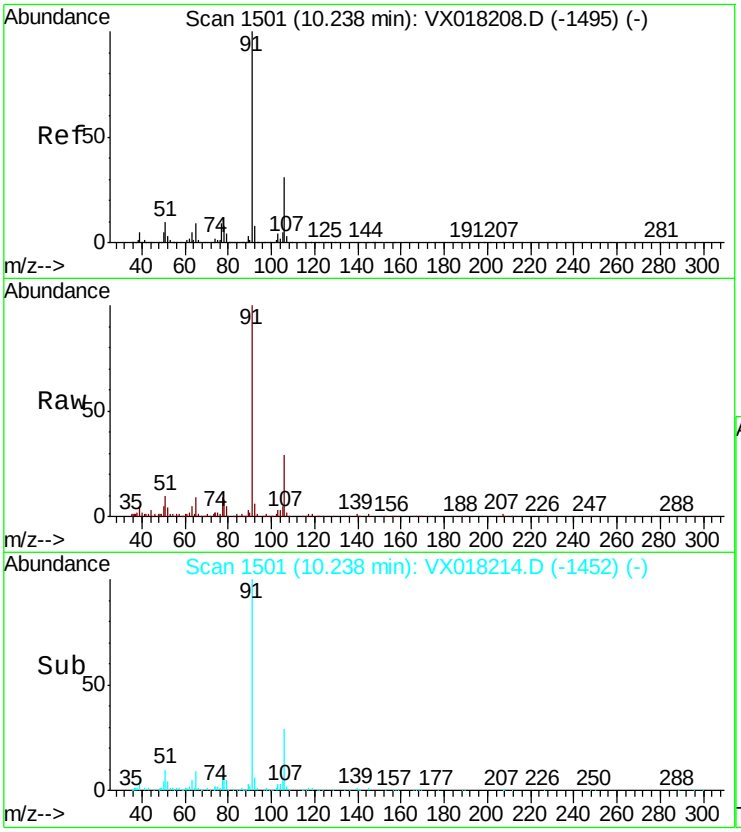




#51
Chlorobenzene
Concen: 1.920 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion:112 Resp: 26066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 34.7 | 23.2 | 43.2 |
| 77 | 61.6 | 47.0 | 70.6 |



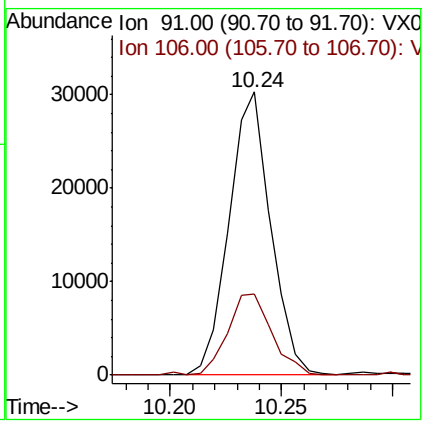


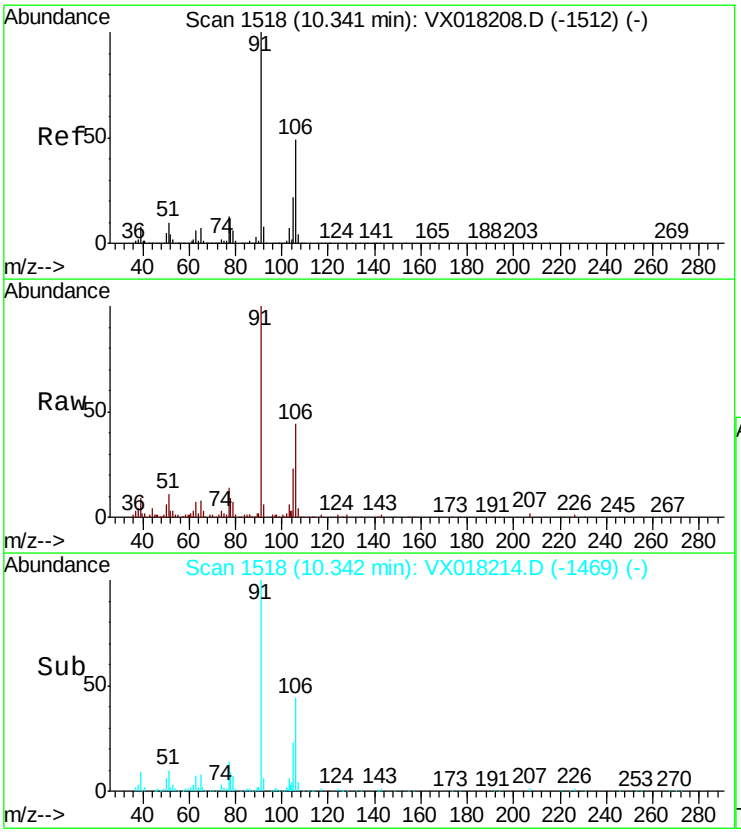

#52
Ethylbenzene
Concen: 1.777 ug/L
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :** MSVOA_X
**ClientSampleId :** MDL02

Tgt Ion: 91 Resp: 39494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 28.7 | 21.9 | 40.7 |

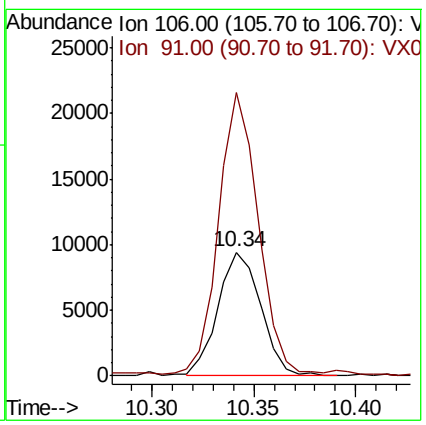


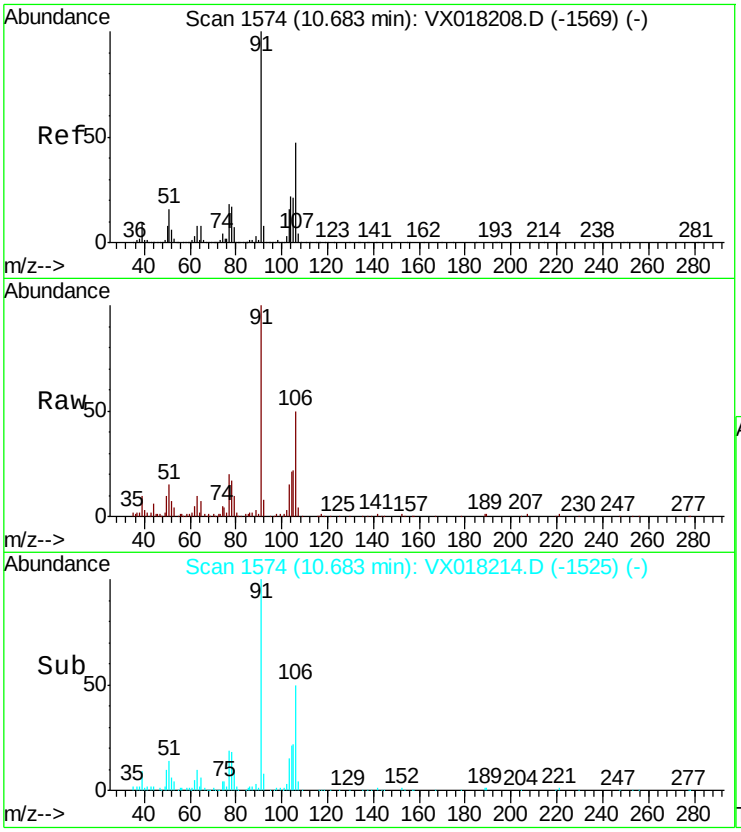




#53
m,p-Xylene
Concen: 1.626 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion:106 Resp: 13805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 229.2 | 142.2 | 264.2 |



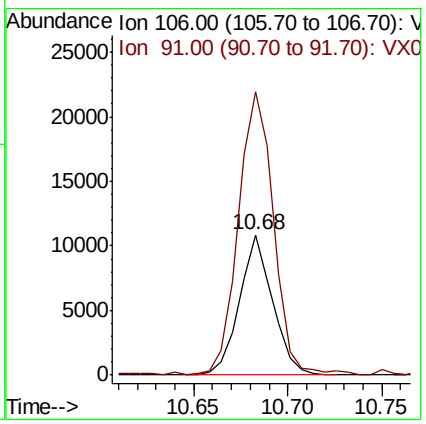


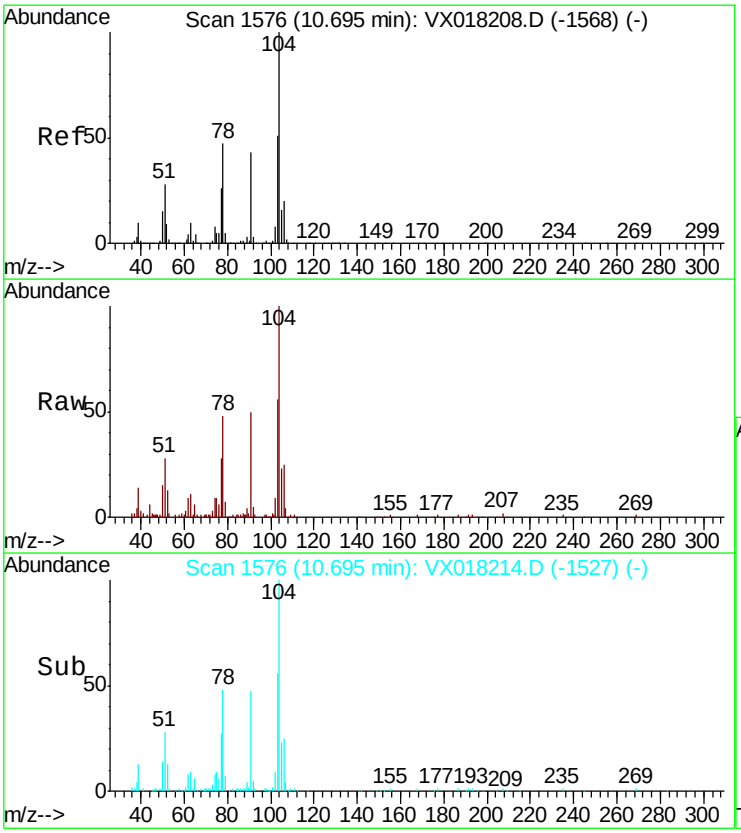

#54
o-xylene
Concen: 1.640 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
MDL02

Tgt Ion:106 Resp: 13291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 201.5 | 150.3 | 279.1 |

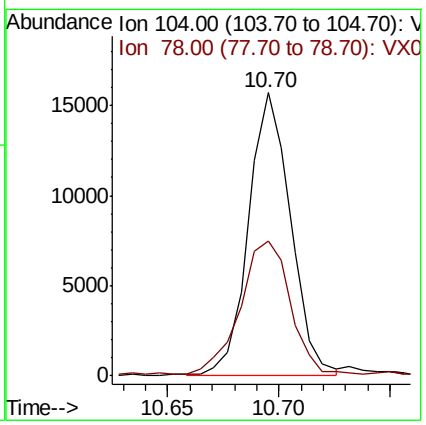


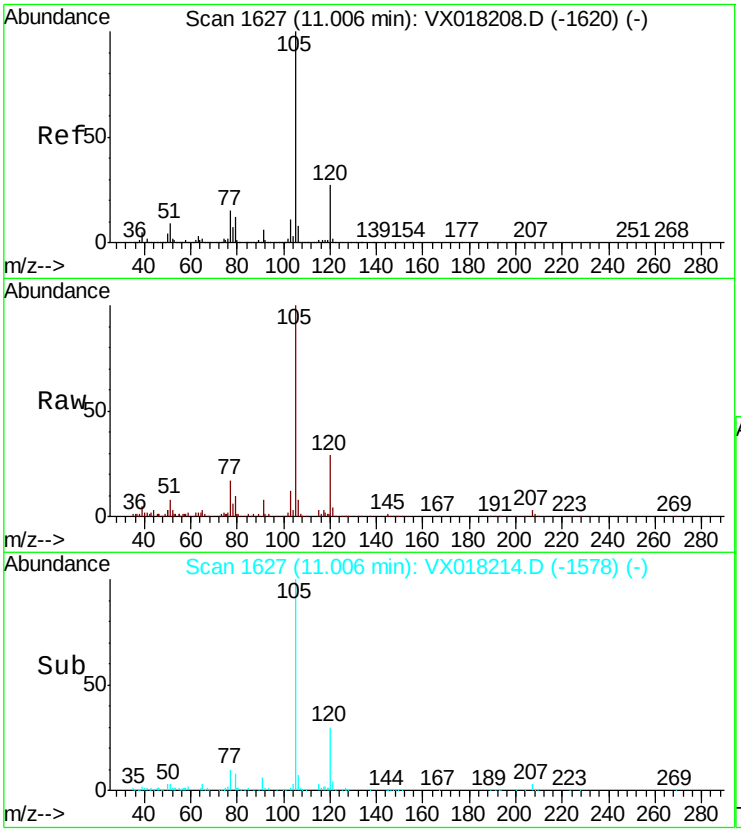




#55
Styrene
Concen: 1.479 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion:104 Resp: 20701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 47.7 | 33.1 | 61.5 |



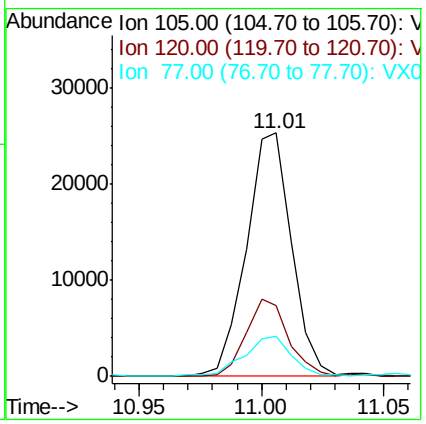


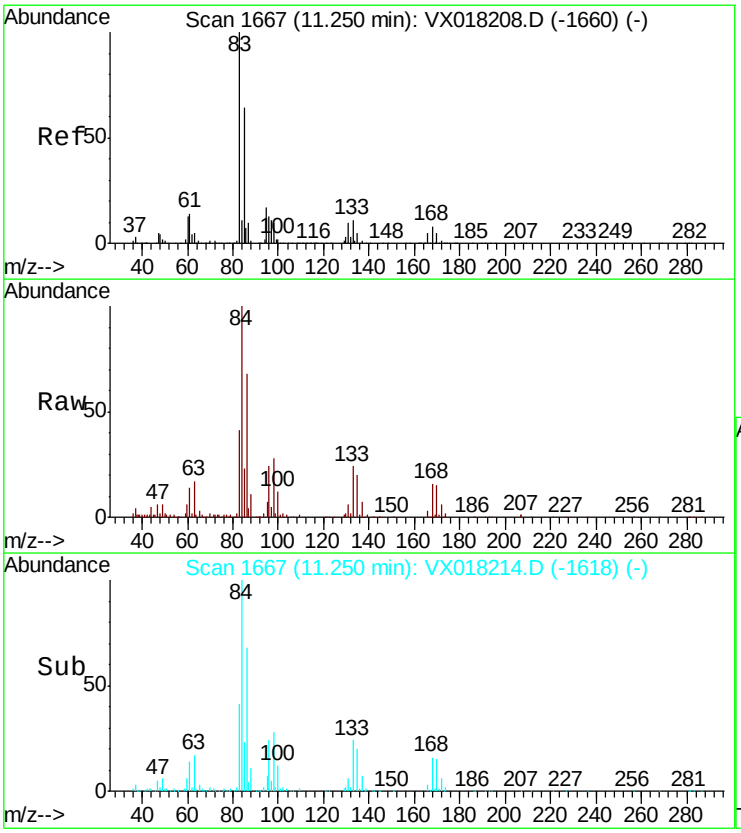

#56
Isopropylbenzene
Concen: 1.510 ug/L
RT: 11.01 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :** MSVOA_X
**ClientSampleId :** MDL02

Tgt Ion:105 Resp: 32735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 29.4 | 21.3 | 31.9 |
| 77 | 16.2 | 12.7 | 19.1 |

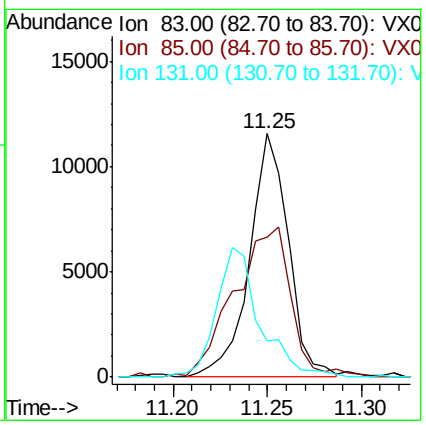


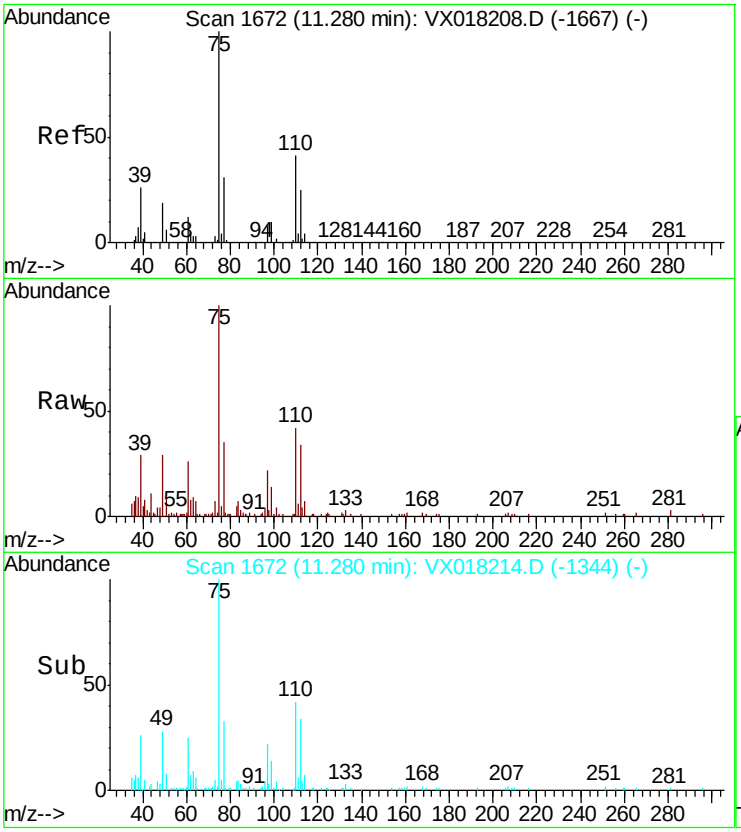




#58
1,1,2,2-Tetrachloroethane
Concen: 2.283 ug/L
RT: 11.25 min Scan# 1667
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion: 83 Resp: 16551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 57.3 | 44.6 | 82.8 |
| 131 | 14.7 | 8.0 | 12.0# |



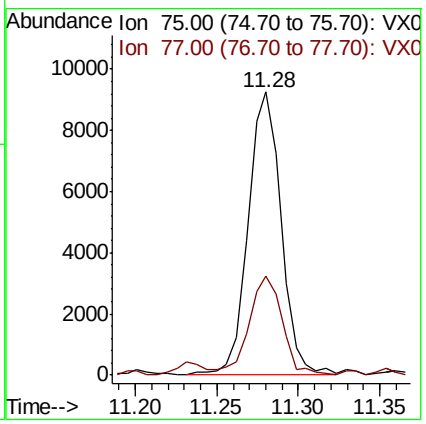


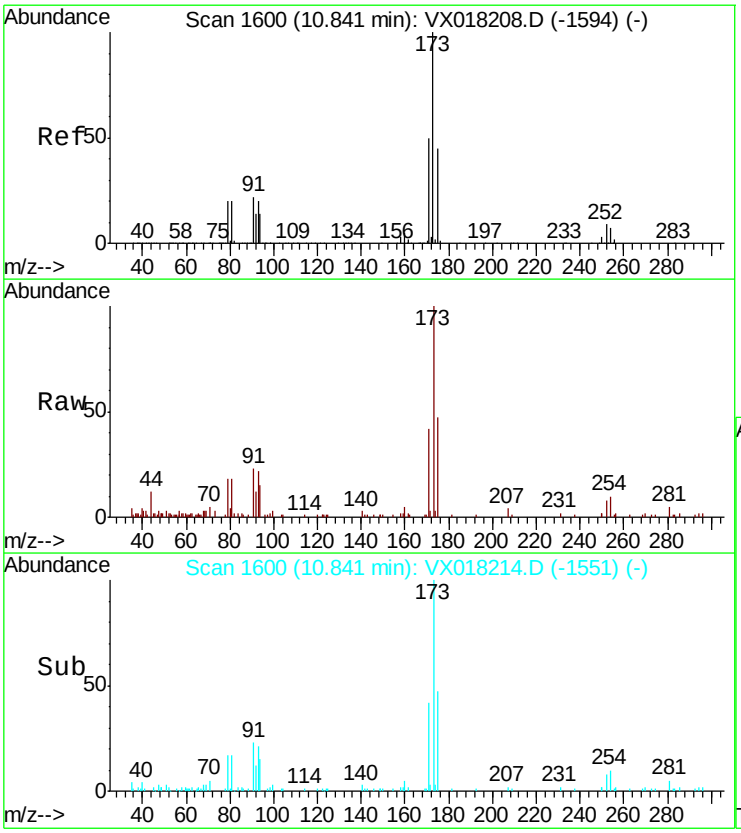

#59
1,2,3-Trichloropropane
Concen: 2.082 ug/L
RT: 11.28 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
MDL02

Tgt Ion: 75 Resp: 13084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.0 | 25.8 | 38.8 |

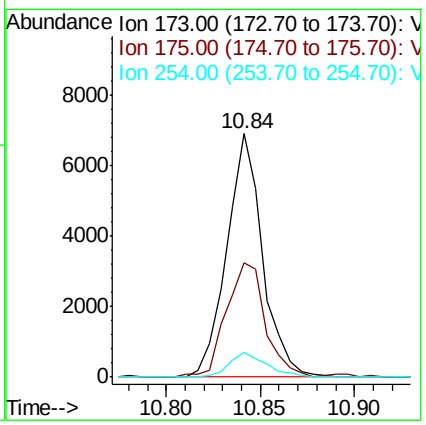


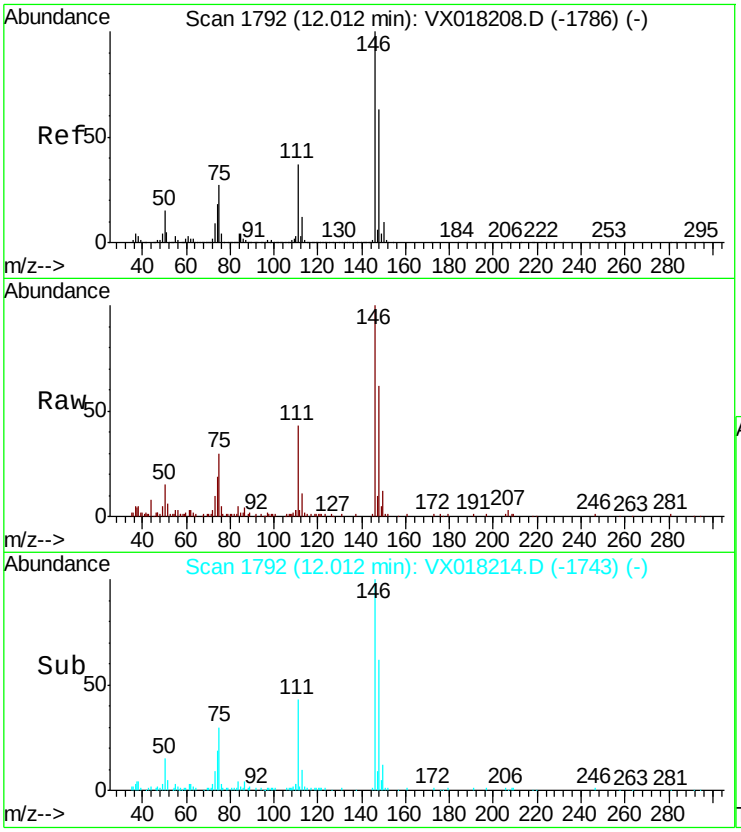




#61
Bromoform
Concen: 2.215 ug/L
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion:173 Resp: 9062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 50.5 | 37.9 | 56.9 |
| 254 | 10.8 | 6.6 | 10.0# |



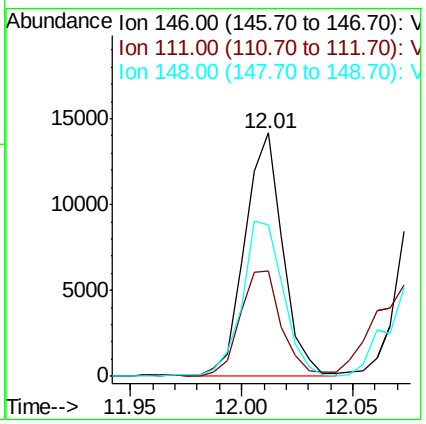


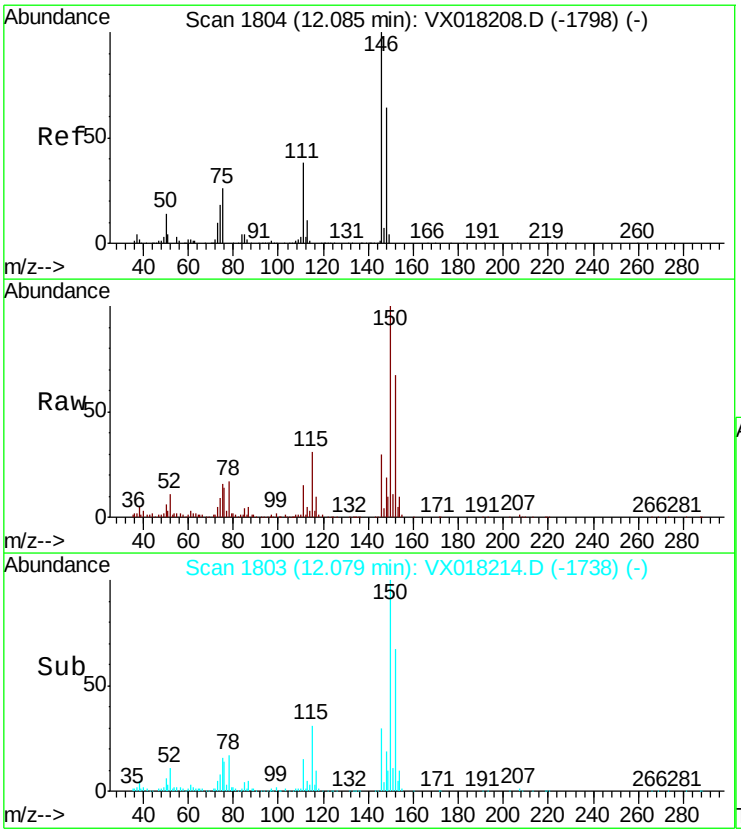

#62
1,3-Dichlorobenzene
Concen: 1.784 ug/L
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :** MSVOA_X
**ClientSampleId :** MDL02

Tgt Ion:146 Resp: 16913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.3 | 26.2 | 48.6 |
| 148 | 62.1 | 44.2 | 82.2 |

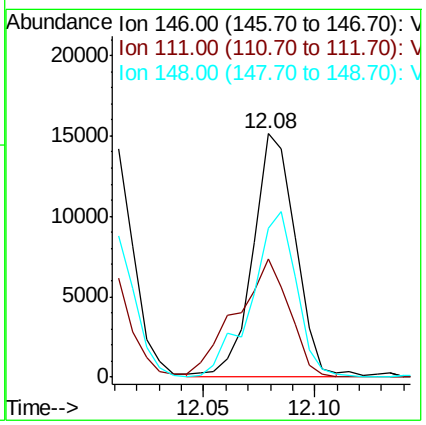


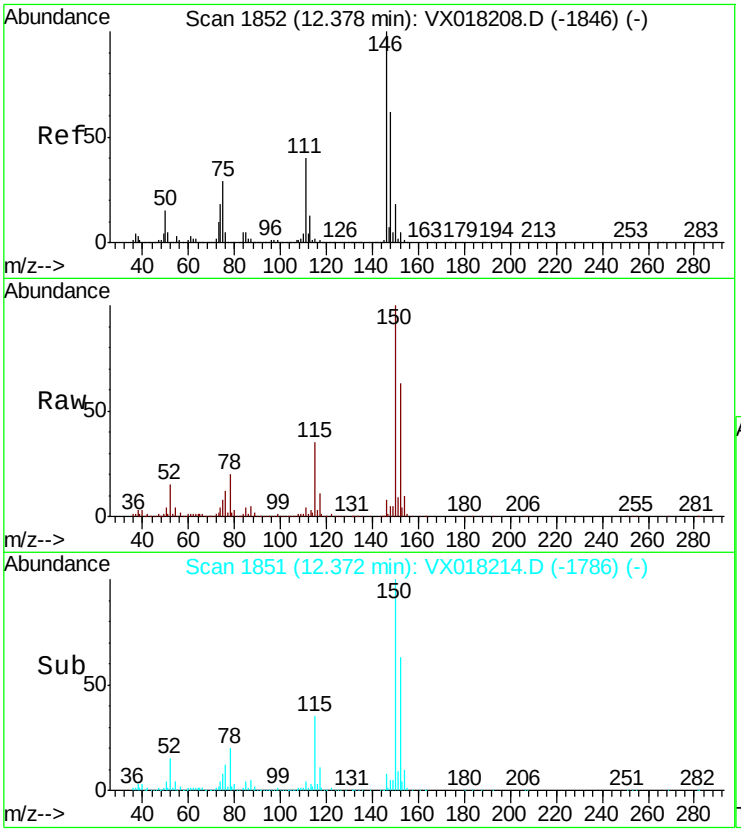




#63
1,4-Dichlorobenzene
Concen: 2.083 ug/L
RT: 12.08 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion:146 Resp: 20095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 48.8 | 26.5 | 49.1 |
| 148 | 61.2 | 44.5 | 82.7 |



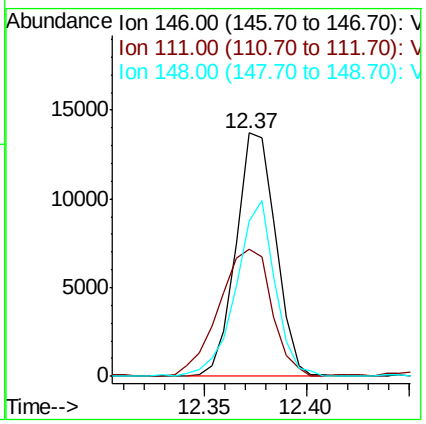


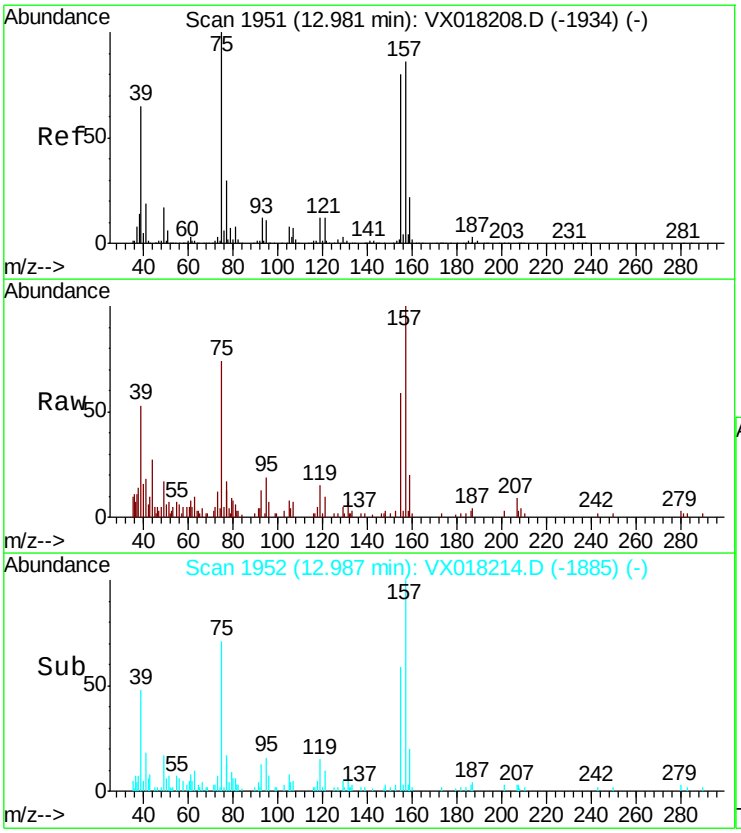

#65
1,2-Dichlorobenzene
Concen: 2.043 ug/L
RT: 12.37 min Scan# 1851
Delta R.T. -0.01 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
MDL02

Tgt Ion:146 Resp: 18656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 52.4 | 32.4 | 48.6# |
| 148 | 63.5 | 49.7 | 74.5 |

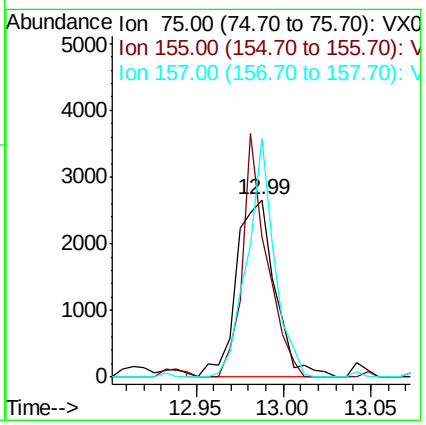


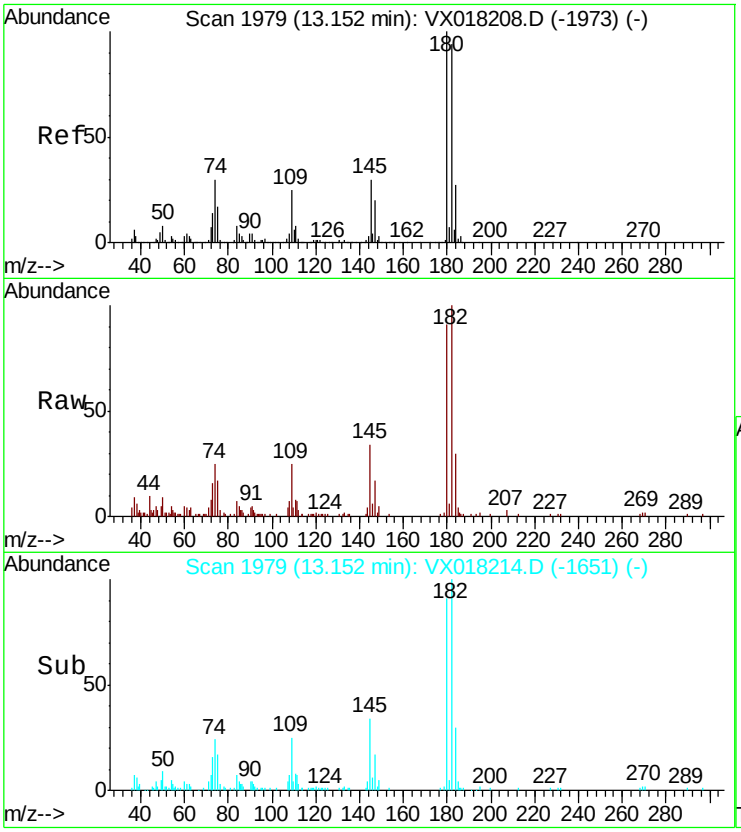




#66
1,2-Dibromo-3-chloropropane
Concen: 2.394 ug/L
RT: 12.99 min Scan# 1952
Delta R.T. 0.01 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion: 75 Resp: 4089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 78.9 | 63.8 | 95.8 |
| 157 | 134.3 | 68.5 | 102.7# |



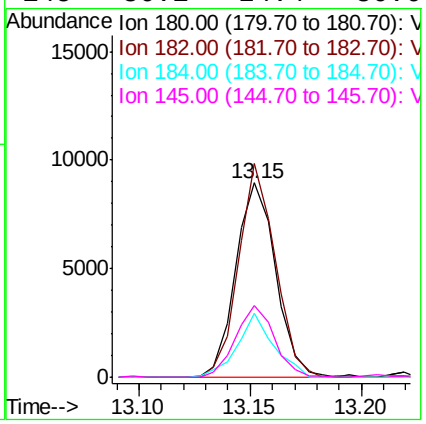


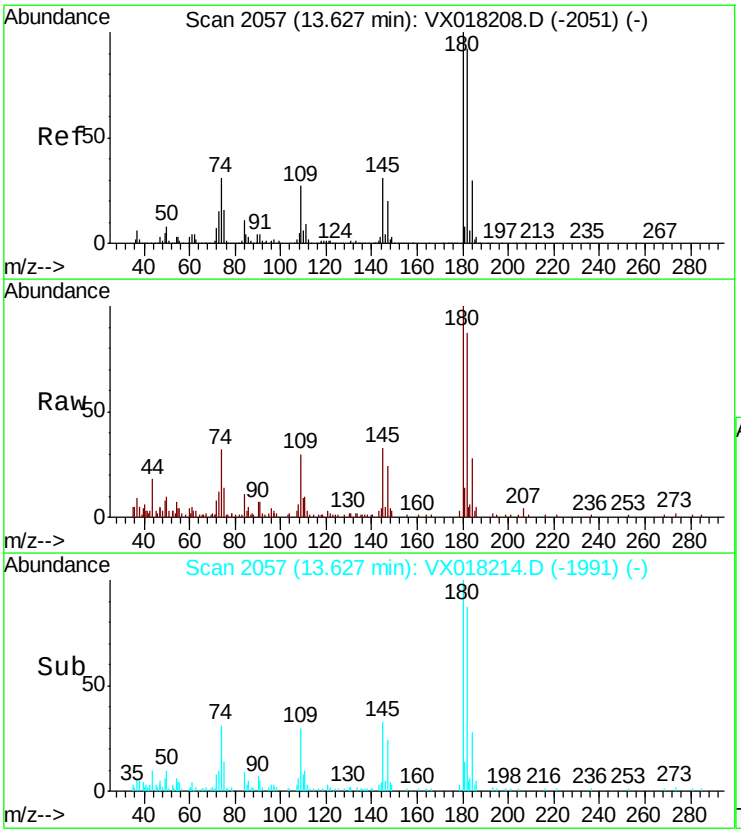

#67
1,3,5-Trichlorobenzene
Concen: 1.817 ug/L
RT: 13.15 min Scan# 1979
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
MDL02

Tgt Ion:180 Resp: 11237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 100.5 | 77.1 | 115.7 |
| 184 | 30.0 | 23.8 | 35.6 |
| 145 | 36.1 | 24.4 | 36.6 |

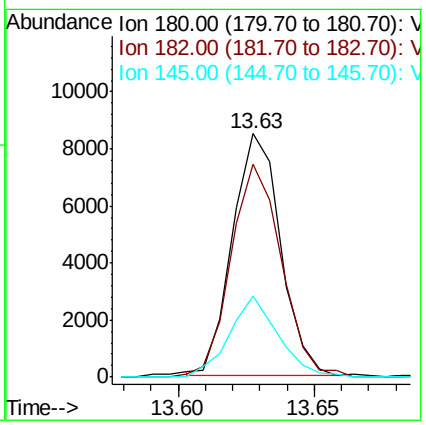


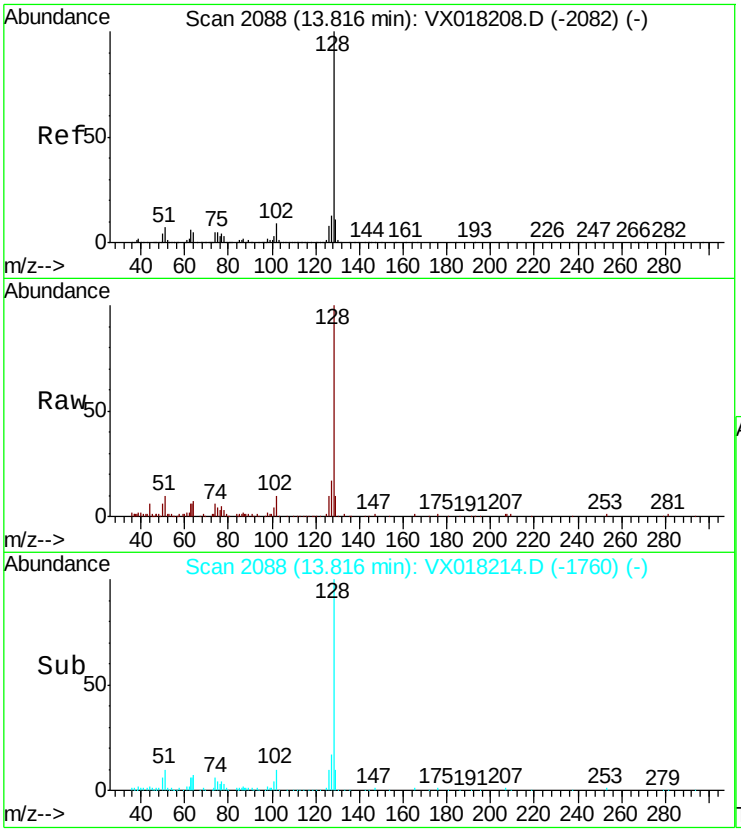




#68
1,2,4-trichlorobenzene
Concen: 1.812 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion:180 Resp: 10343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 92.7 | 74.1 | 111.1 |
| 145 | 34.3 | 25.0 | 37.4 |



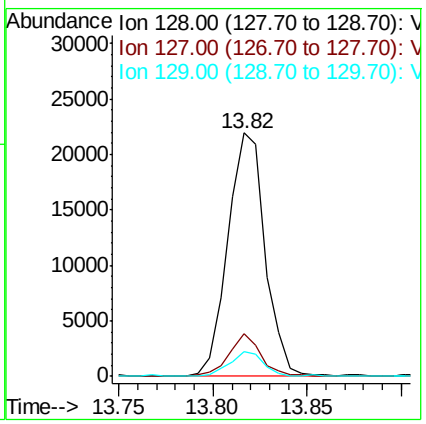


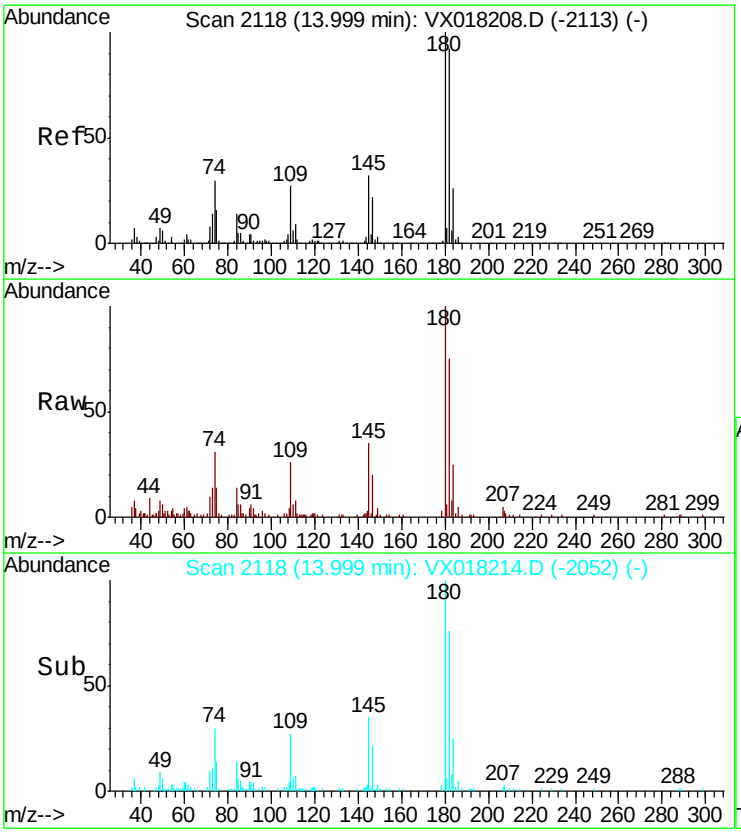

#69
Naphthalene
Concen: 1.668 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
MDL02

Tgt Ion:128 Resp: 30094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 14.9 | 10.0 | 15.0 |
| 129 | 9.4 | 8.6 | 12.8 |




#70
1,2,3-Trichlorobenzene
Concen: 1.838 ug/L
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018214.D
Acq: 02 Sep 2020 14:20

Tgt Ion:180 Resp: 10491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.3 | 77.0 | 115.4 |
| 145 | 38.9 | 27.2 | 40.8 |