Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092920\
Data File : VX018668.D
Acq On : 29 Sep 2020 19:29
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Sep 30 04:58:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 04:47:32 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.83 | 114 | 250238 | 5.00 | ug/L | | 0.00 |
| 28) Chlorobenzene-d5 | 10.10 | 117 | 233800 | 5.00 | ug/L | | 0.00 |
| 61) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 119605 | 5.00 | ug/L | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) Vinyl Chloride-d3 | 1.39 | 65 | 54505 | 4.16 | ug/L | | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 83.20% | | | | |
| 7) Chloroethane-d5 | 1.70 | 69 | 48577 | 4.40 | ug/L | | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 88.00% | | | | |
| 11) 1,1-Dichloroethene-d2 | 2.34 | 63 | 138158 | 4.78 | ug/L | | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 95.60% | | | | |
| 20) 2-Butanone-d5 | 4.56 | 46 | 165465 | 49.55 | ug/L | | 0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 99.10% | | | | |
| 24) Chloroform-d | 5.14 | 84 | 148265 | 4.78 | ug/L | | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 95.60% | | | | |
| 26) 1,2-Dichloroethane-d4 | 6.04 | 65 | 79421 | 4.39 | ug/L | | 0.01 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 87.80% | | | | |
| 32) Benzene-d6 | 6.05 | 84 | 263900 | 4.89 | ug/L | | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 97.80% | | | | |
| 36) 1,2-Dichloropropane-d6 | 7.37 | 67 | 81815 | 4.98 | ug/L | | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 99.60% | | | | |
| 41) Toluene-d8 | 8.70 | 98 | 254315 | 4.74 | ug/L | | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 94.80% | | | | |
| 45) trans-1,3-Dichloropropene- | 8.99 | 79 | 34311 | 4.69 | ug/L | | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 93.80% | | | | |
| 48) 2-Hexanone-d5 | 9.43 | 63 | 141080 | 53.87 | ug/L | | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 107.74% | | | | |
| 59) 1,1,2,2-Tetrachloroethane- | 11.23 | 84 | 63770 | 5.21 | ug/L | | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 104.20% | | | | |
| 65) 1,2-Dichlorobenzene-d4 | 12.36 | 152 | 98264 | 5.03 | ug/L | | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 100.60% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.18 | 85 | 72045 | 4.757 | ug/L | | 97 |
| 3) Chloromethane | 1.31 | 50 | 60002 | 4.639 | ug/L | | 94 |
| 5) Vinyl chloride | 1.39 | 62 | 63896 | 4.716 | ug/L | | 95 |
| 6) Bromomethane | 1.64 | 94 | 29292 | 3.616 | ug/L | | 98 |
| 8) Chloroethane | 1.72 | 64 | 37657 | 5.054 | ug/L | | 99 |
| 9) Trichlorofluoromethane | 1.92 | 101 | 114120 | 4.863 | ug/L | | 96 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.37 | 101 | 61253 | 4.755 | ug/L | | 98 |
| 12) 1,1-Dichloroethene | 2.36 | 96 | 57738 | 4.726 | ug/L | | 98 |
| 13) Acetone | 2.46 | 43 | 94113 | 50.923 | ug/L | | 95 |
| 14) Carbon disulfide | 2.55 | 76 | 169604 | 4.566 | ug/L | | 97 |
| 15) Methyl Acetate | 2.76 | 43 | 22560 | 4.410 | ug/L | | 100 |
| 16) Methylene chloride | 2.84 | 84 | 59312 | 3.553 | ug/L | | 92 |
| 17) Methyl tert-butyl Ether | 3.17 | 73 | 133411 | 4.907 | ug/L | | 98 |
| 18) trans-1,2-Dichloroethene | 3.14 | 96 | 57596 | 4.717 | ug/L | | 94 |
| 19) 1,1-Dichloroethane | 3.67 | 63 | 108116 | 4.937 | ug/L | | 98 |
| 21) 2-Butanone | 4.67 | 43 | 143894 | 49.052 | ug/L | # | 62 |
| 22) cis-1,2-Dichloroethene | 4.57 | 96 | 63078 | 4.951 | ug/L | # | 96 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092920\
Data File : VX018668.D
Acq On : 29 Sep 2020 19:29
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Sep 30 04:58:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 04:47:32 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 23) Bromochloromethane | 4.98 | 128 | 29055 | 4.756 ug/L | 95 |
| 25) Chloroform | 5.17 | 83 | 118090 | 4.934 ug/L | 96 |
| 27) 1,2-Dichloroethane | 6.17 | 62 | 76887 | 5.078 ug/L | 99 |
| 29) 1,1,1-Trichloroethane | 5.46 | 97 | 109319 | 4.909 ug/L | 98 |
| 30) Cyclohexane | 5.55 | 56 | 85773 | 4.842 ug/L | 95 |
| 31) Carbon tetrachloride | 5.75 | 117 | 103187 | 5.025 ug/L | 99 |
| 33) Benzene | 6.11 | 78 | 228597 | 5.071 ug/L | 100 |
| 34) Trichloroethene | 7.18 | 95 | 61906 | 4.746 ug/L | 96 |
| 35) Methylcyclohexane | 7.45 | 83 | 85024 | 4.686 ug/L | 96 |
| 37) 1,2-Dichloropropane | 7.49 | 63 | 58427 | 4.857 ug/L | 99 |
| 38) Bromodichloromethane | 7.88 | 83 | 81179 | 5.000 ug/L | 98 |
| 39) cis-1,3-Dichloropropene | 8.42 | 75 | 82457 | 4.834 ug/L | 100 |
| 40) 4-Methyl-2-pentanone | 8.62 | 43 | 350407 | 52.561 ug/L | 99 |
| 42) Toluene | 8.77 | 91 | 246041 | 5.053 ug/L | 97 |
| 43) 1,3,5-Trimethylbenzene | 11.49 | 105 | 211576 | 4.970 ug/L | 99 |
| 44) 1,2,4-Trimethylbenzene | 11.79 | 105 | 219384 | 5.151 ug/L | 99 |
| 46) trans-1,3-Dichloropropene | 9.02 | 75 | 75119 | 4.828 ug/L | 93 |
| 47) 1,1,2-Trichloroethane | 9.20 | 97 | 40699 | 4.715 ug/L | 90 |
| 49) Tetrachloroethene | 9.32 | 164 | 52159 | 5.079 ug/L | 96 |
| 50) 2-Hexanone | 9.48 | 43 | 256656 | 54.391 ug/L | 99 |
| 51) Dibromochloromethane | 9.57 | 129 | 57459 | 5.087 ug/L | 99 |
| 52) 1,2-Dibromoethane | 9.65 | 107 | 40980 | 5.097 ug/L # | 98 |
| 53) Chlorobenzene | 10.12 | 112 | 161001 | 5.006 ug/L | 97 |
| 54) Ethylbenzene | 10.24 | 91 | 262542 | 4.950 ug/L | 99 |
| 55) m,p-xylene | 10.34 | 106 | 104085 | 5.133 ug/L | 98 |
| 56) o-xylene | 10.68 | 106 | 99652 | 5.200 ug/L | 83 |
| 57) Styrene | 10.70 | 104 | 169978 | 5.373 ug/L | 95 |
| 58) Isopropylbenzene | 11.00 | 105 | 262987 | 5.119 ug/L | 100 |
| 60) 1,1,2,2-Tetrachloroethane | 11.25 | 83 | 50019 | 5.131 ug/L # | 98 |
| 62) Bromoform | 10.84 | 173 | 32093 | 5.040 ug/L | 96 |
| 63) 1,3-Dichlorobenzene | 12.01 | 146 | 130501 | 5.019 ug/L | 99 |
| 64) 1,4-Dichlorobenzene | 12.08 | 146 | 126959 | 4.834 ug/L | 97 |
| 66) 1,2-Dichlorobenzene | 12.38 | 146 | 118973 | 4.911 ug/L | 94 |
| 67) 1,2-Dibromo-3-chloropropan | 12.98 | 75 | 10172 | 4.939 ug/L | 90 |
| 68) 1,3,5-Trichlorobenzene | 13.15 | 180 | 90987 | 4.661 ug/L | 96 |
| 69) 1,2,4-trichlorobenzene | 13.63 | 180 | 76297 | 4.768 ug/L | 99 |
| 70) Naphthalene | 13.82 | 128 | 132092 | 4.883 ug/L | 98 |
| 71) 1,2,3-Trichlorobenzene | 14.00 | 180 | 71200 | 4.924 ug/L | 98 |

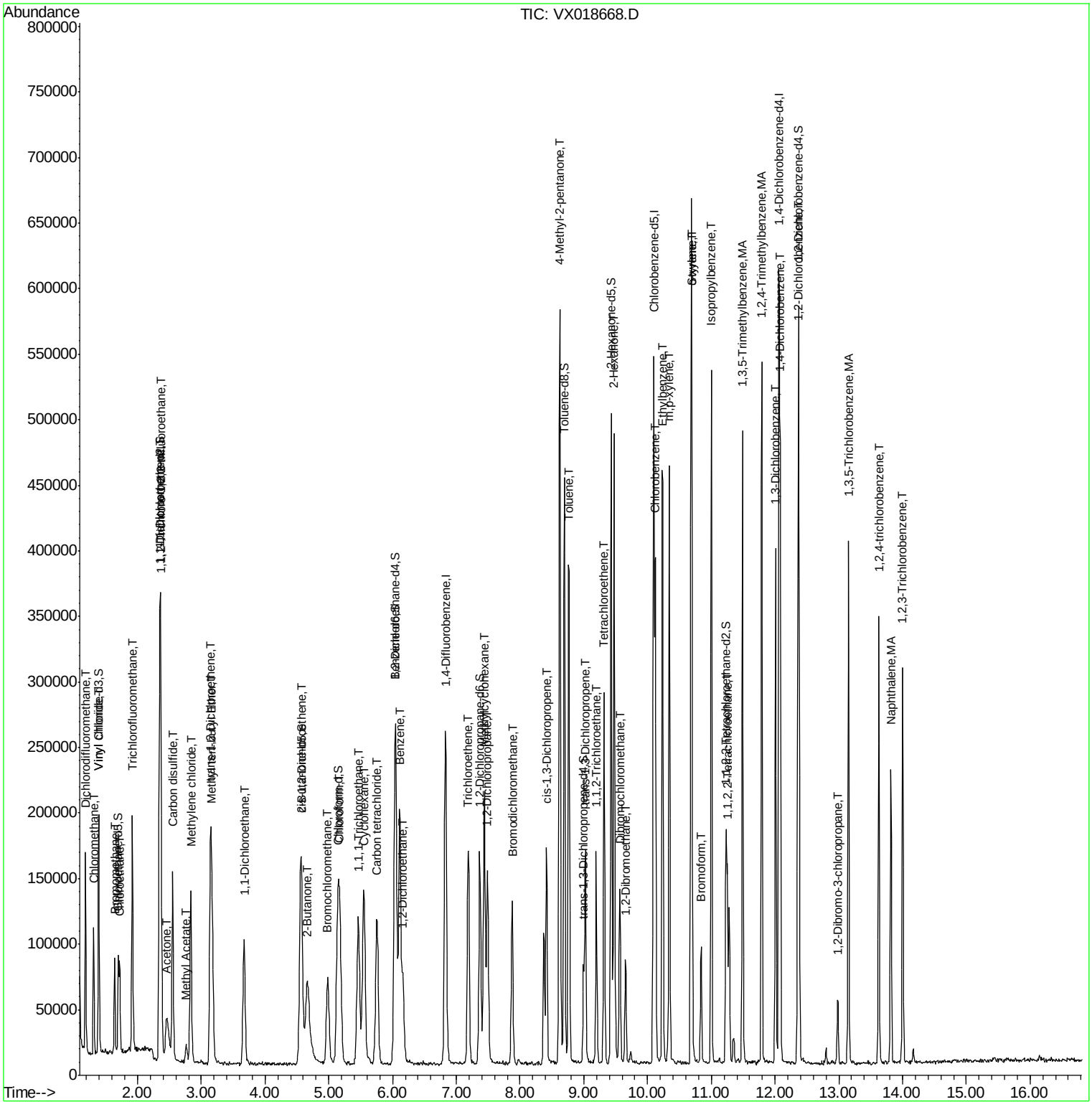
(#) = qualifier out of range (m) = manual integration (+) = signals summed

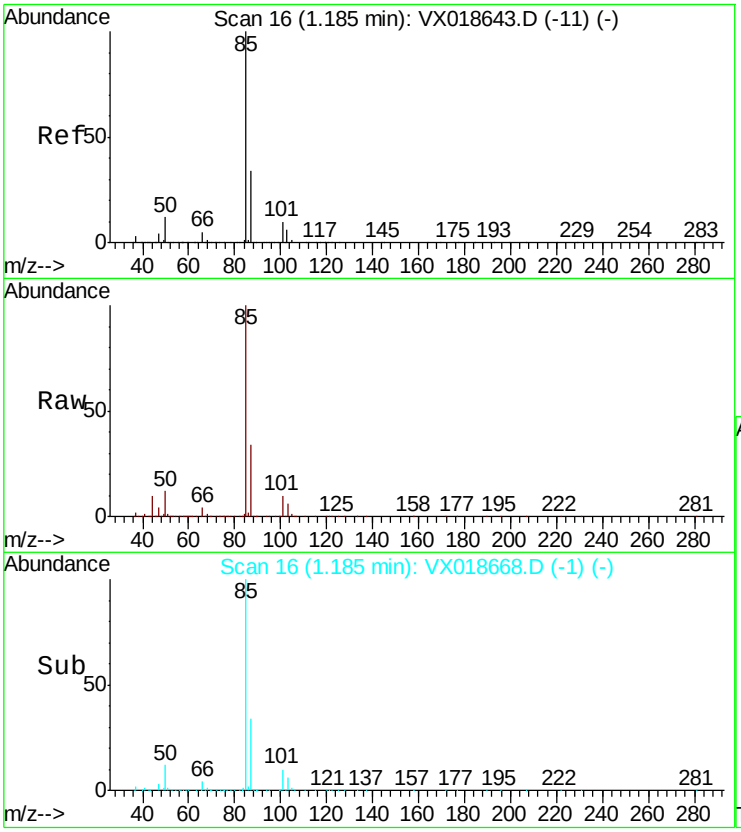
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092920\
Data File : VX018668.D
Acq On : 29 Sep 2020 19:29
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Sep 30 04:58:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 04:47:32 2020
Response via : Initial Calibration



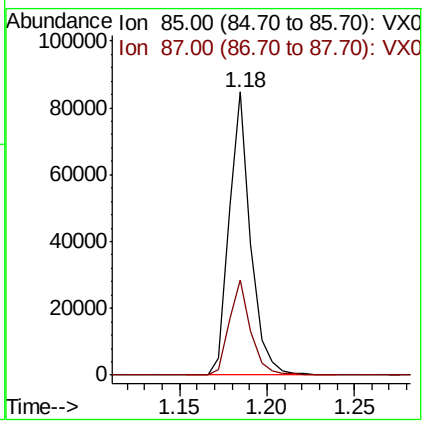


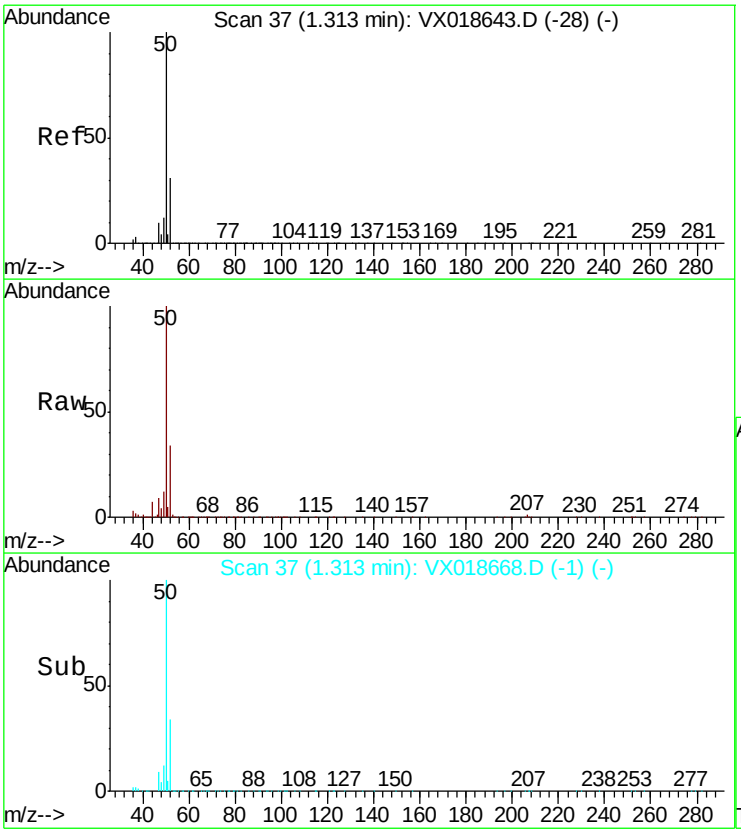

#2
Dichlorodifluoromethane
Concen: 4.757 ug/L
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion: 85 Resp: 72045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 34.3 | 26.1 | 39.1 |

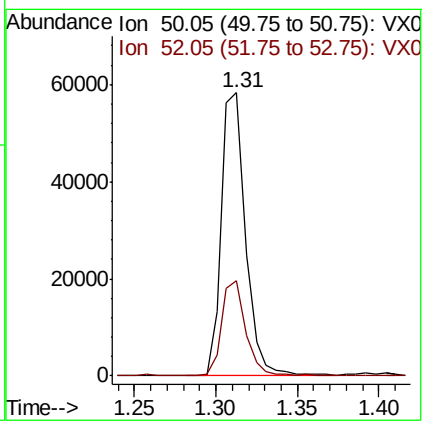


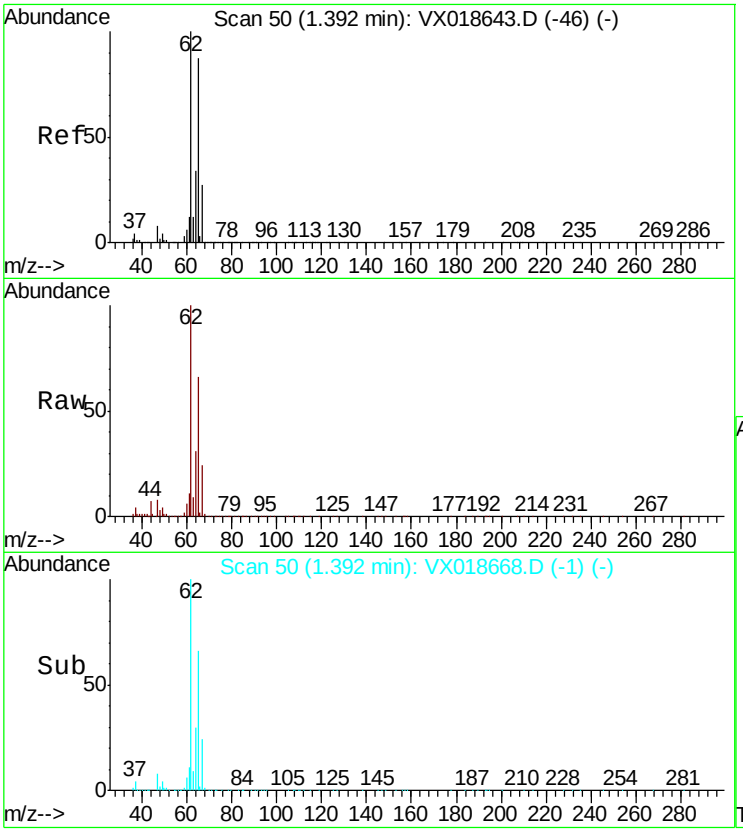




#3
Chloromethane
Concen: 4.639 ug/L
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion: 50 Resp: 60002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.6 | 21.2 | 39.4 |



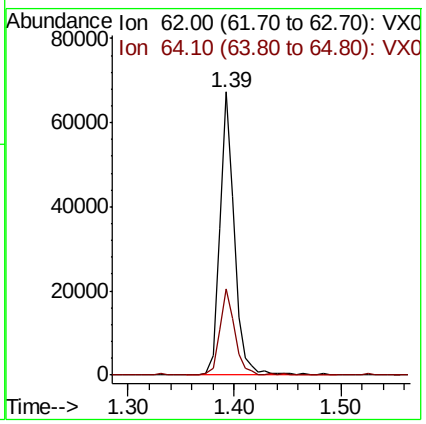


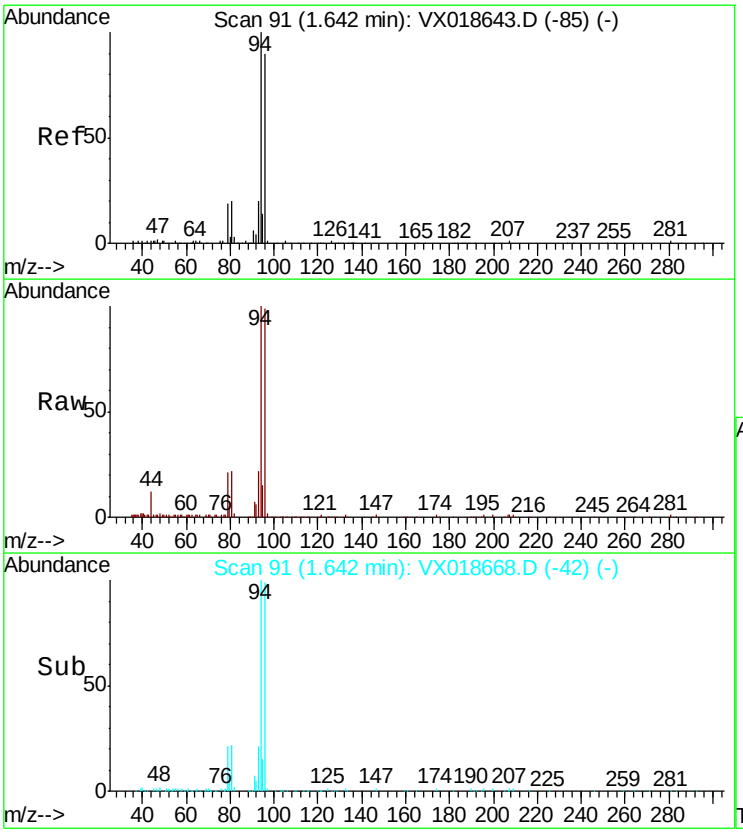

#5
Vinyl chloride
Concen: 4.716 ug/L
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion: 62 Resp: 63896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 30.6 | 23.6 | 43.8 |

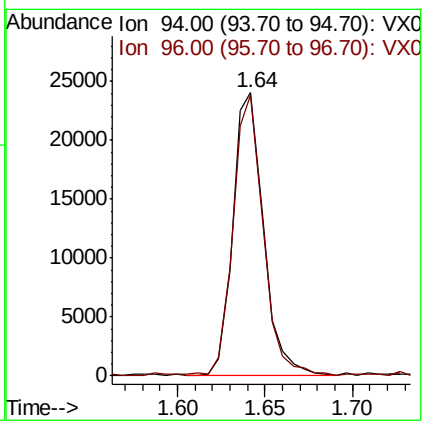


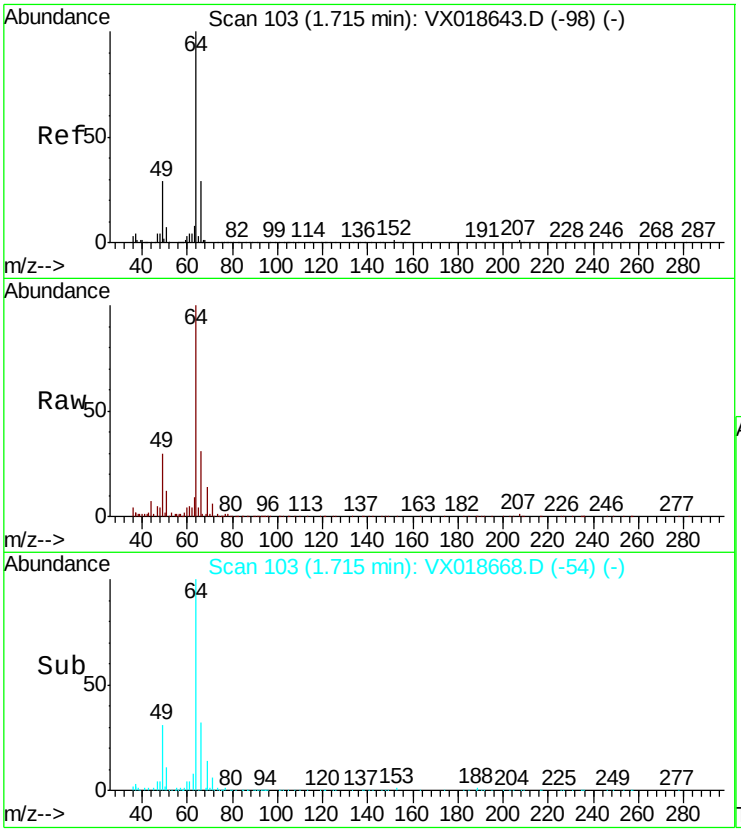




#6
Bromomethane
Concen: 3.616 ug/L
RT: 1.64 min Scan# 91
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion: 94 Resp: 29292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 99.1 | 67.8 | 125.8 |



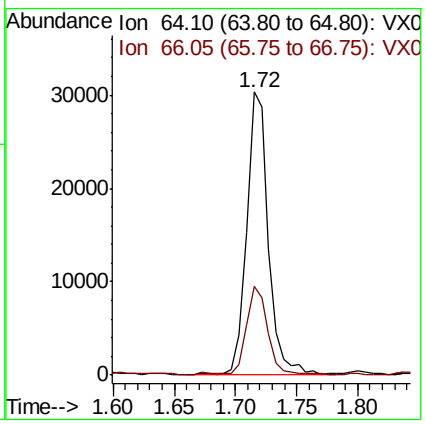


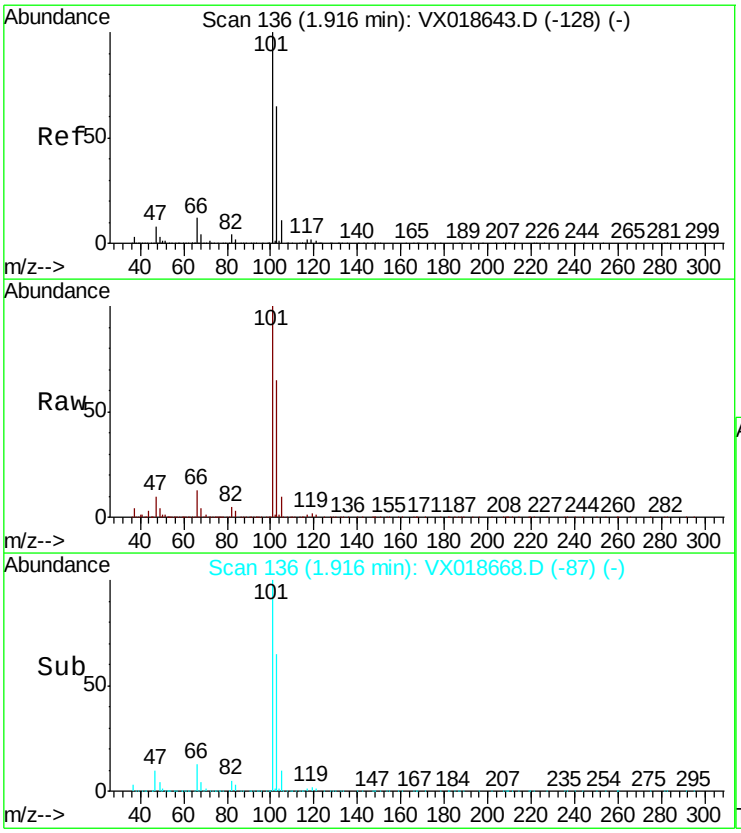

#8
Chloroethane
Concen: 5.054 ug/L
RT: 1.72 min Scan# 103
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion: 64 Resp: 37657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.3 | 22.3 | 41.3 |

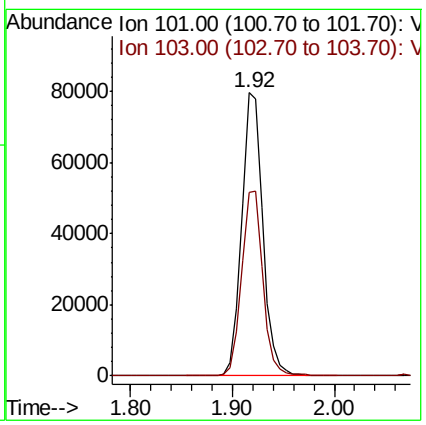


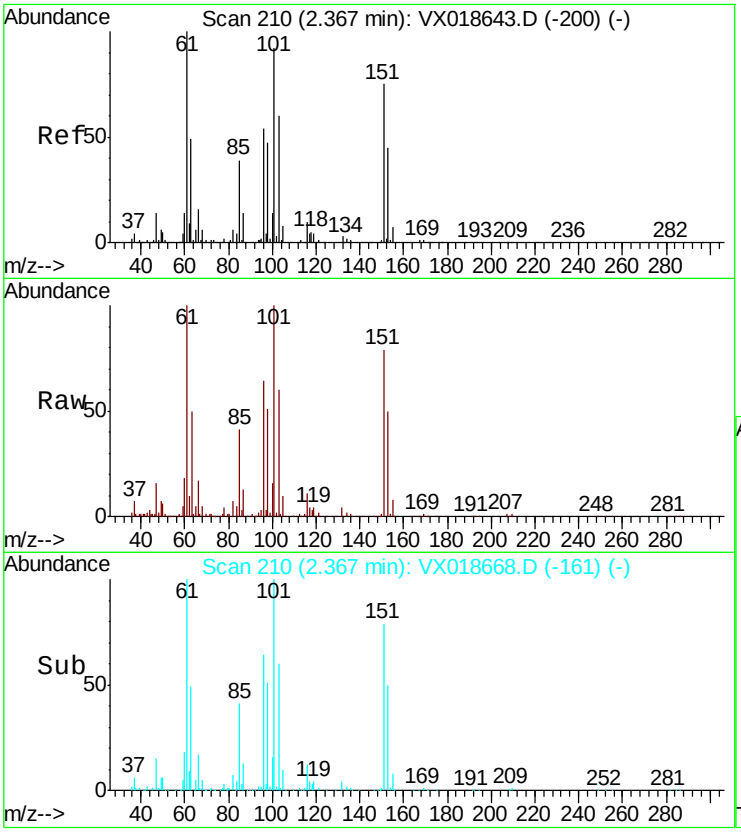




#9
Trichlorofluoromethane
Concen: 4.863 ug/L
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion:101 Resp: 114120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.6 | 49.8 | 74.6 |



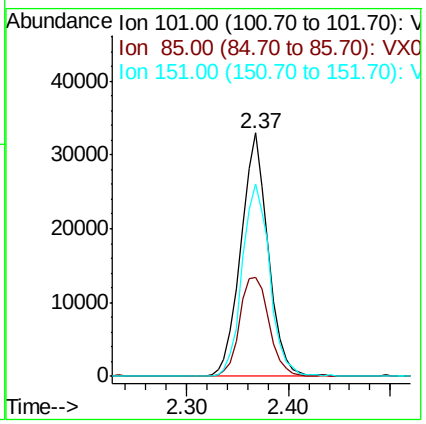


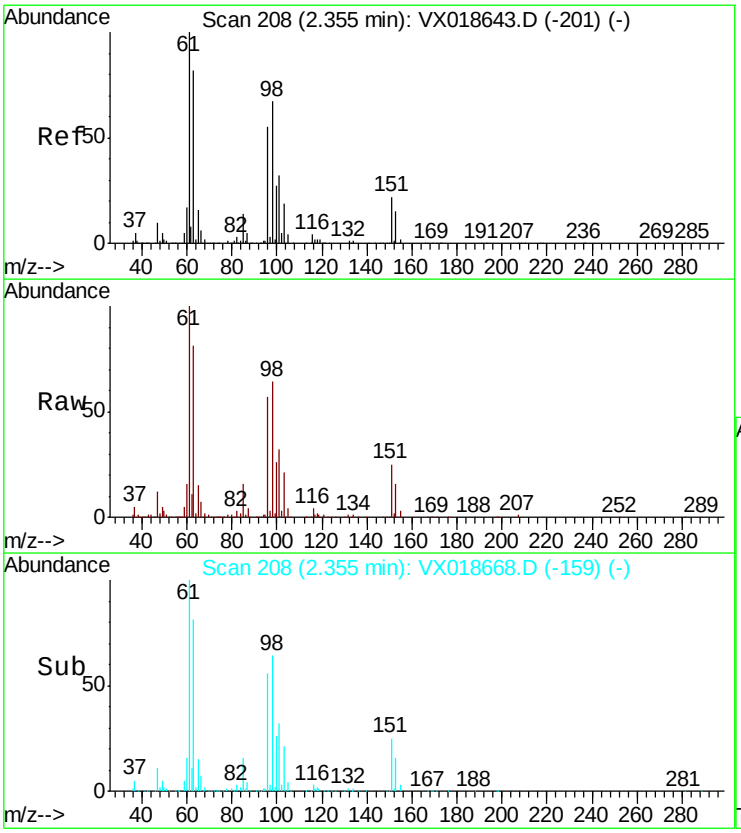

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.755 ug/L
RT: 2.37 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion:101 Resp: 61253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.3 | 36.1 | 54.1 |
| 151 | 80.2 | 65.5 | 98.3 |

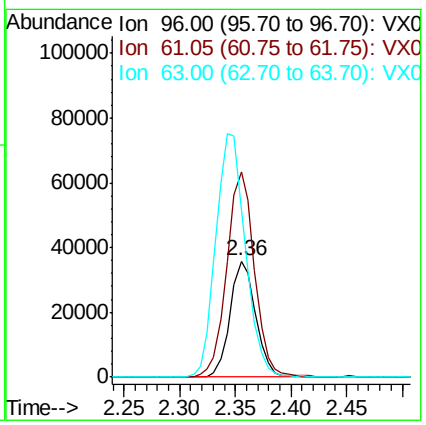


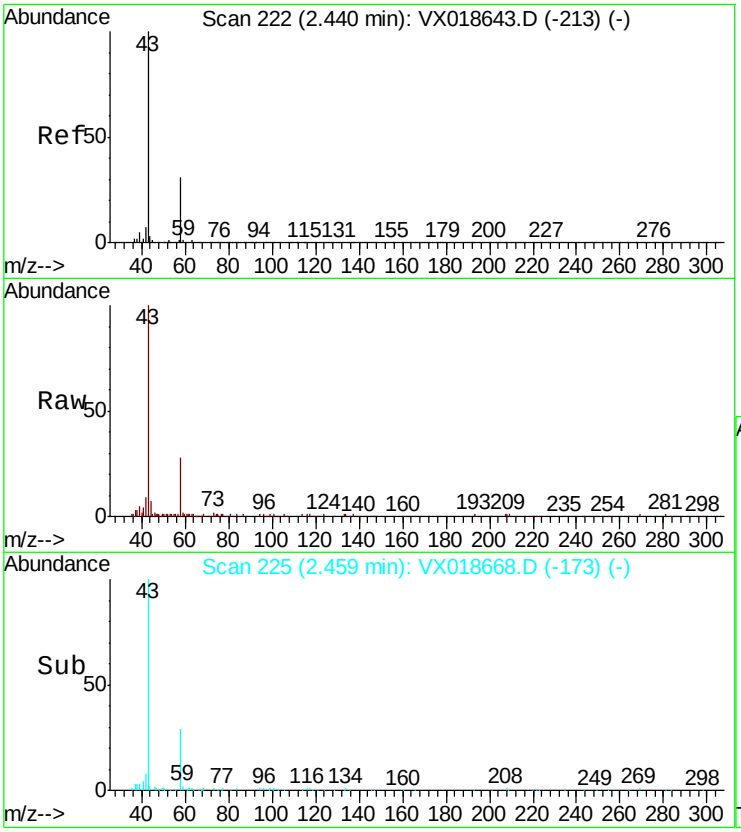




#12
1,1-Dichloroethene
Concen: 4.726 ug/L
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion: 96 Resp: 57738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 176.9 | 123.8 | 229.8 |
| 63 | 143.6 | 104.7 | 194.4 |



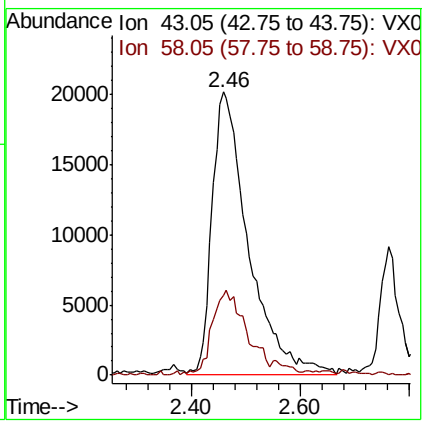


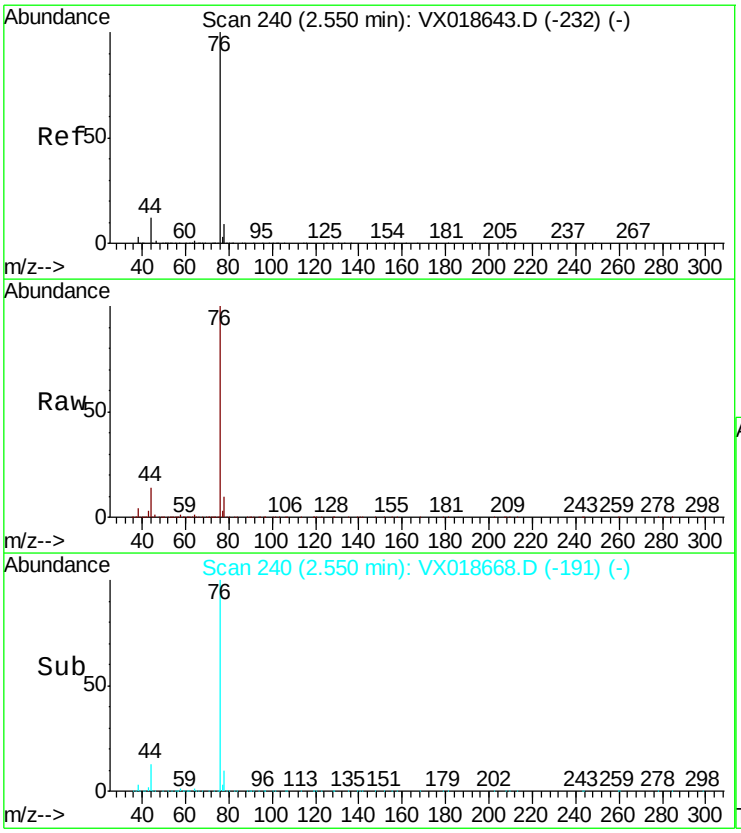

#13
Acetone
Concen: 50.923 ug/L
RT: 2.46 min Scan# 225
Delta R.T. 0.02 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion: 43 Resp: 94113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.0 | 0.0 | 61.6 |

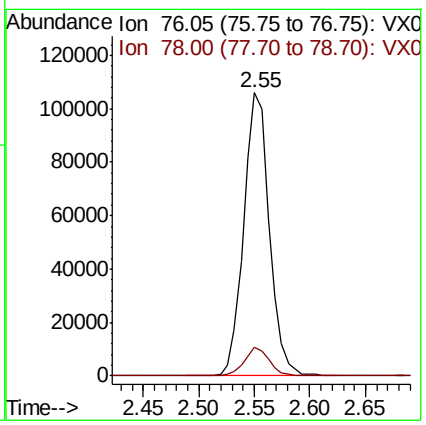


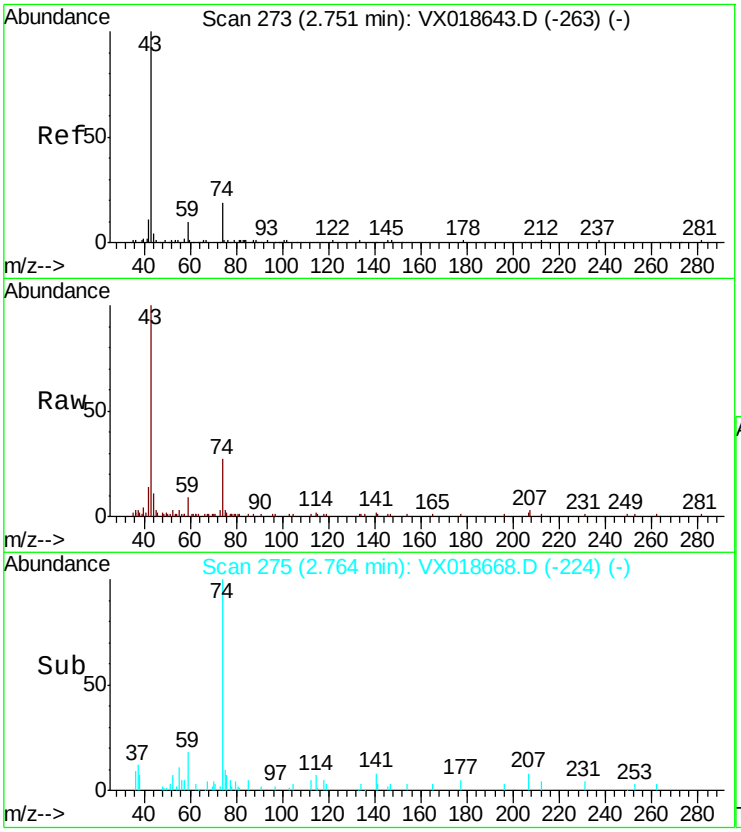




#14
Carbon disulfide
Concen: 4.566 ug/L
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion: 76 Resp: 169604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 10.1 | 7.4 | 11.0 |



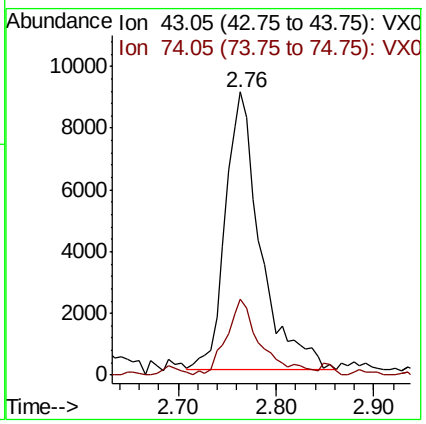


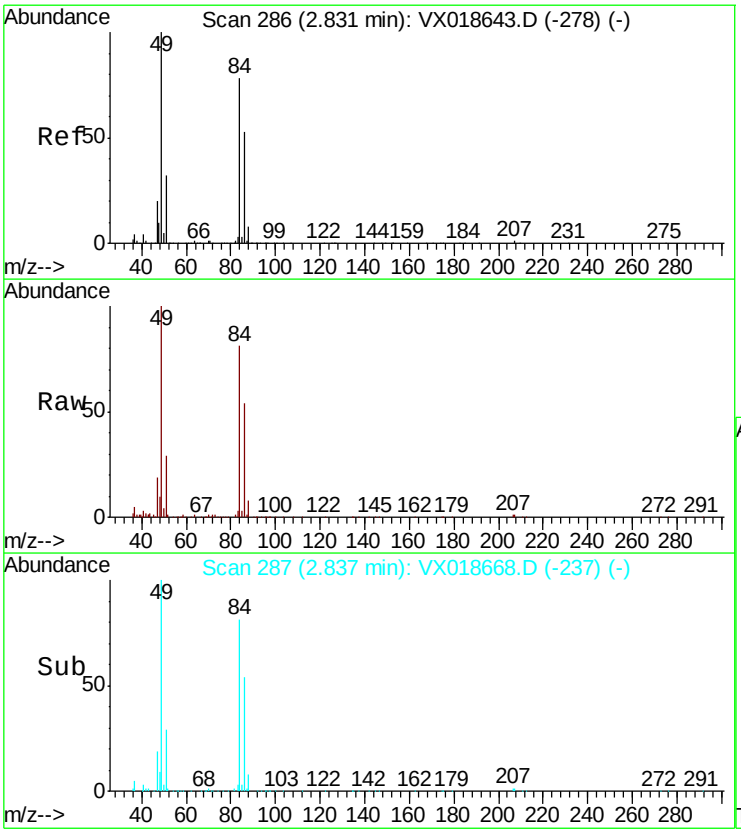

#15
Methyl Acetate
Concen: 4.410 ug/L
RT: 2.76 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion: 43 Resp: 22560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 26.7 | 21.2 | 31.8 |

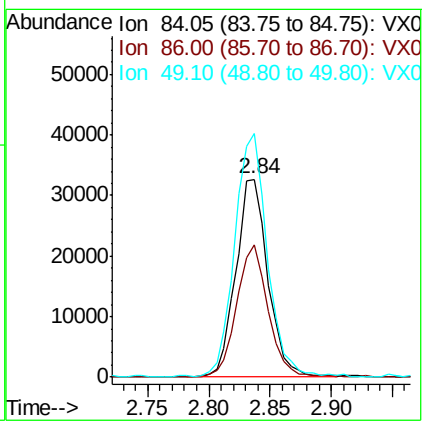


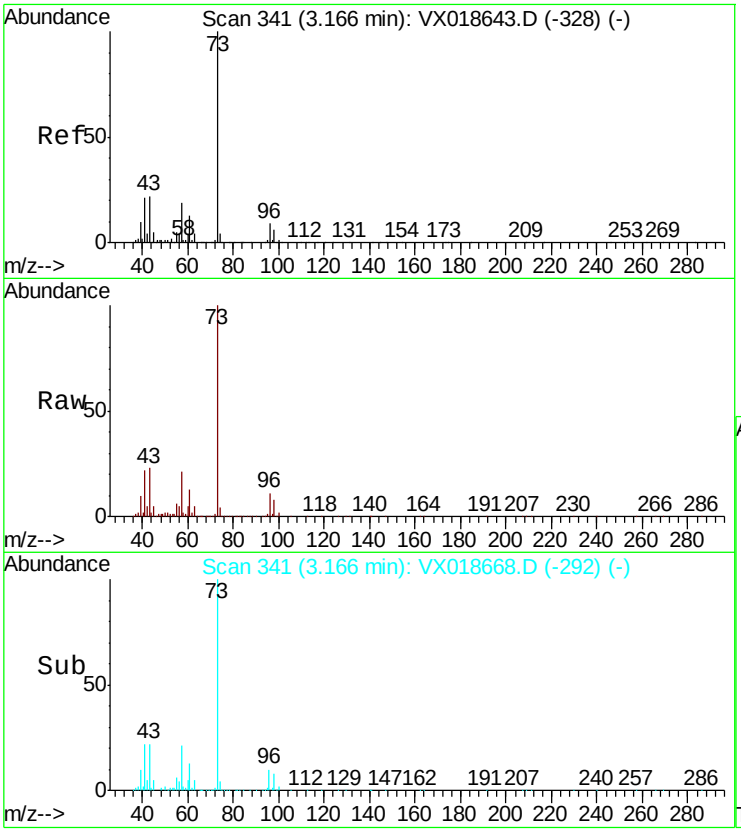




#16
Methylene chloride
Concen: 3.553 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion: 84 Resp: 59312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 66.5 | 41.9 | 77.7 |
| 49 | 122.9 | 80.8 | 150.2 |



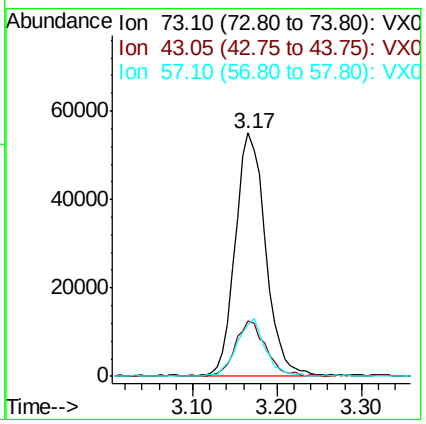


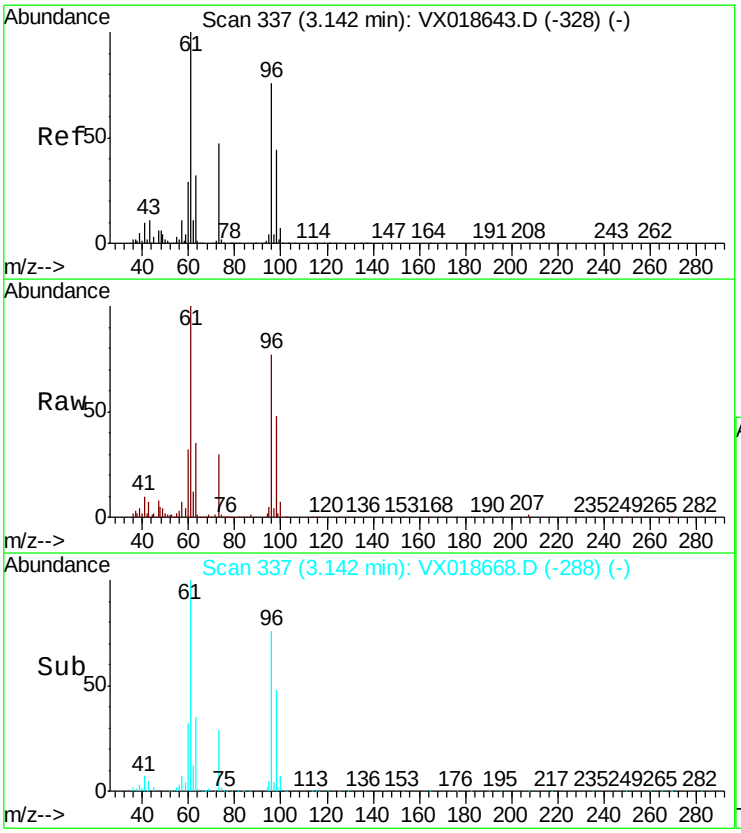

#17
Methyl tert-butyl Ether
Concen: 4.907 ug/L
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion: 73 Resp: 133411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 22.1 | 18.6 | 27.8 |
| 57 | 22.3 | 17.3 | 25.9 |

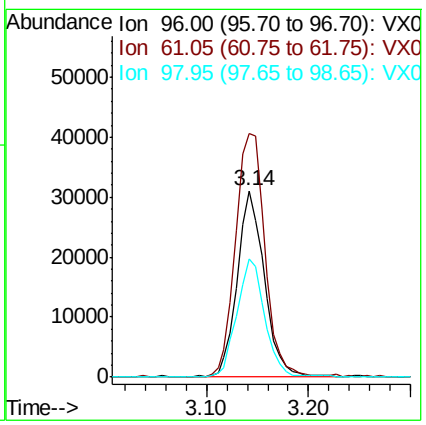


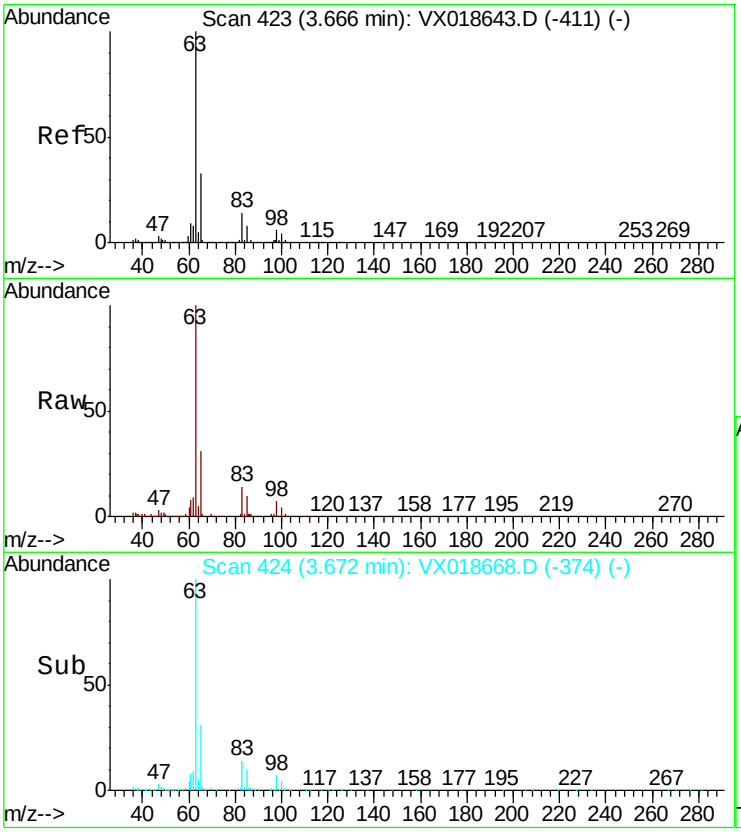




#18
trans-1,2-Dichloroethene
Concen: 4.717 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion: 96 Resp: 57596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 130.7 | 97.3 | 180.7 |
| 98 | 63.2 | 46.6 | 86.6 |



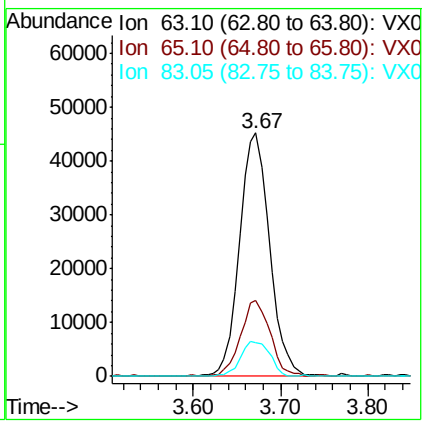


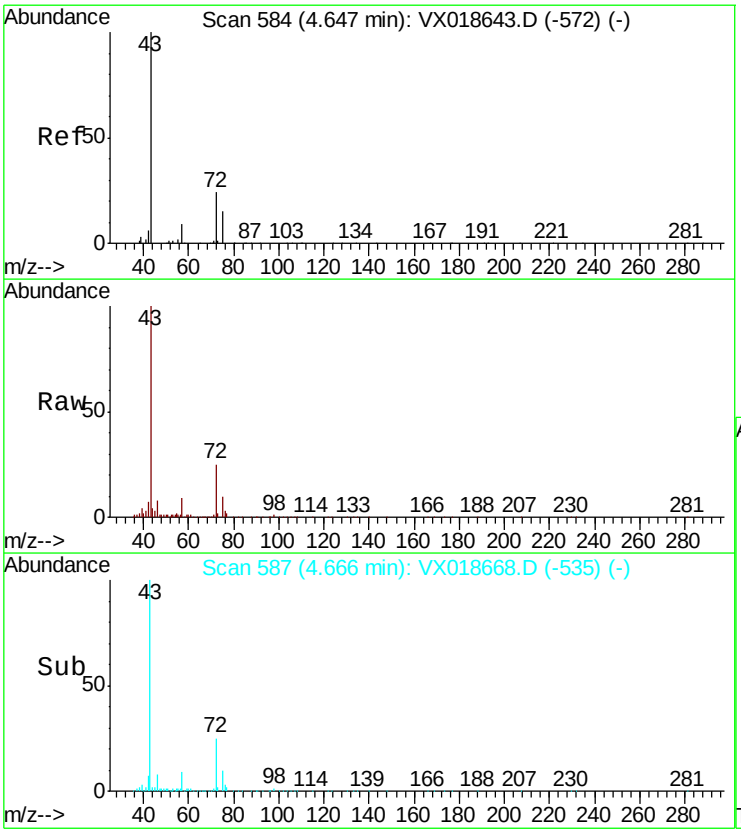

#19
1,1-Dichloroethane
Concen: 4.937 ug/L
RT: 3.67 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion: 63 Resp: 108116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.4 | 22.7 | 42.1 |
| 83 | 13.9 | 9.3 | 17.3 |

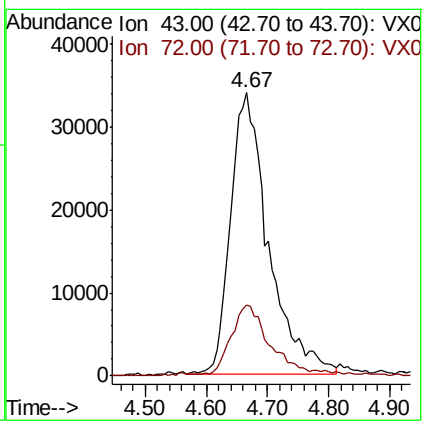


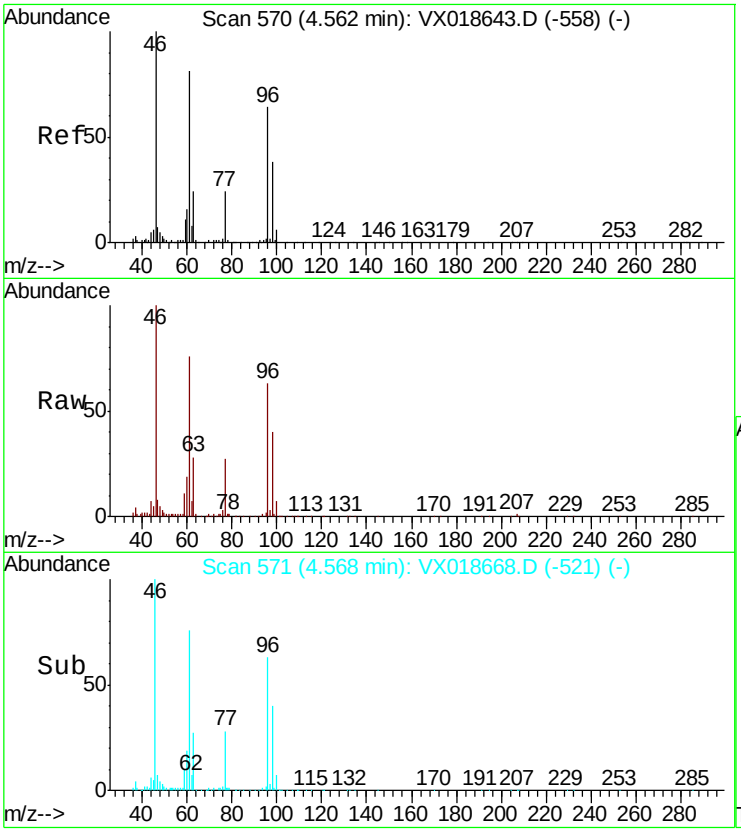




#21
2-Butanone
Concen: 49.052 ug/L
RT: 4.67 min Scan# 587
Delta R.T. 0.02 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion: 43 Resp: 143894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 24.5 | 5.2 | 15.6# |



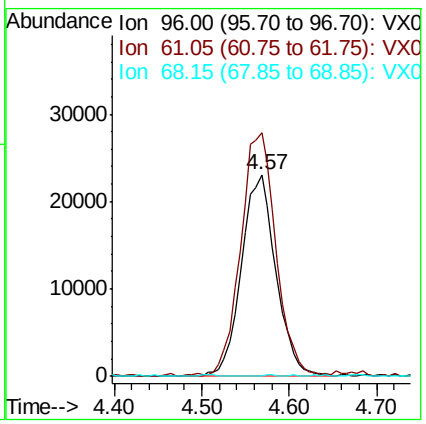


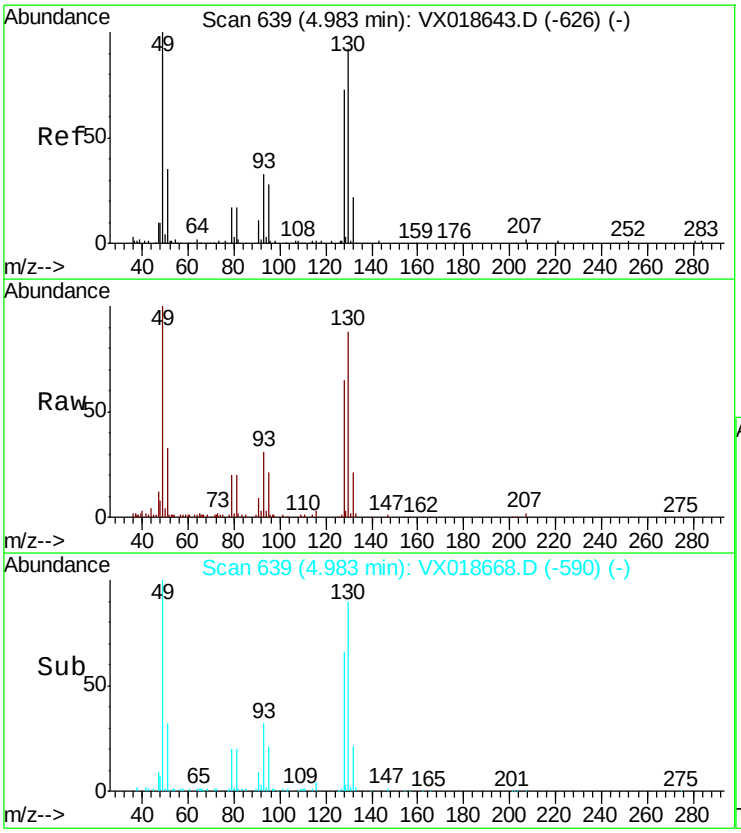

#22
cis-1,2-Dichloroethene
Concen: 4.951 ug/L
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion: 96 Resp: 63078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 120.9 | 87.7 | 162.9 |
| 68 | 0.3 | 0.3 | 0.7# |

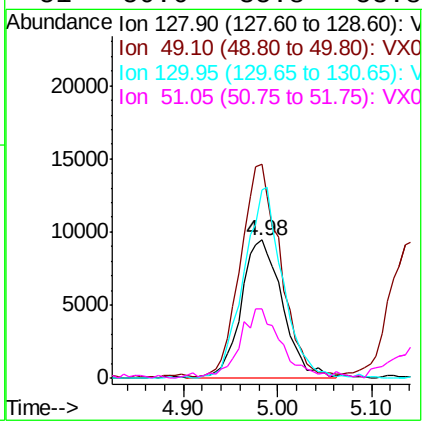


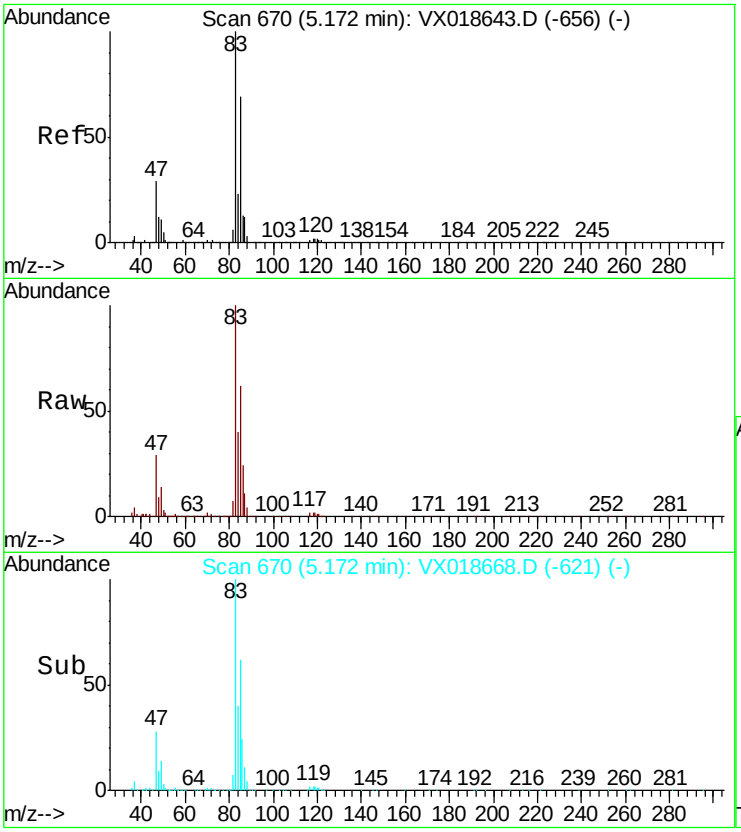




#23
Bromochloromethane
Concen: 4.756 ug/L
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion:128 Resp: 29055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 154.9 | 105.2 | 195.4 |
| 130 | 136.1 | 100.6 | 186.8 |
| 51 | 50.6 | 35.8 | 53.8 |



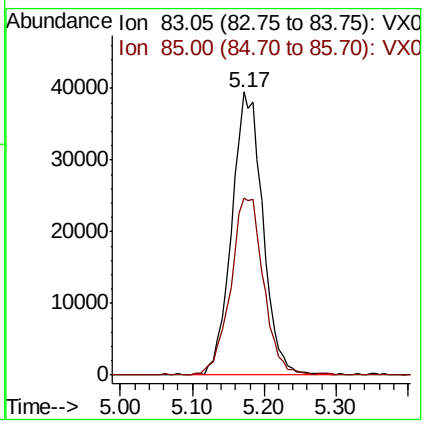


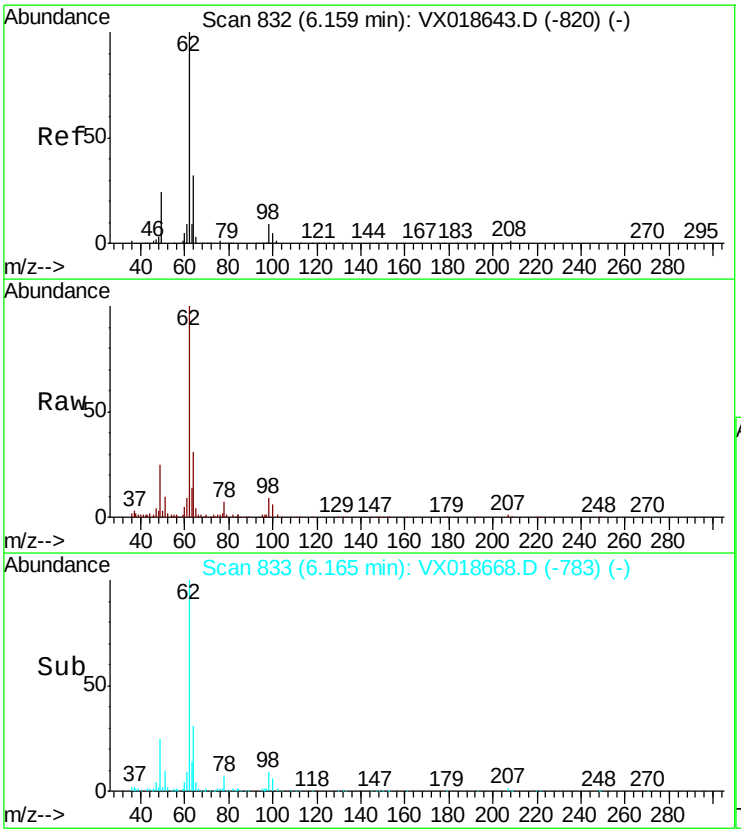

#25
Chloroform
Concen: 4.934 ug/L
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion: 83 Resp: 118090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.5 | 41.8 | 77.6 |

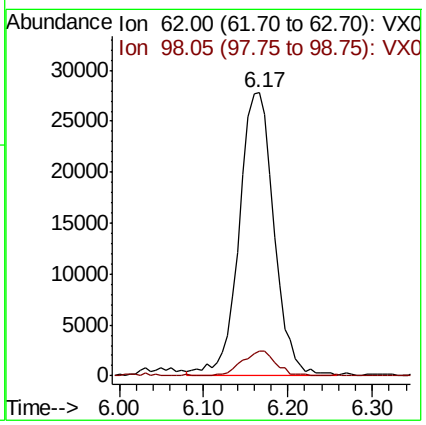


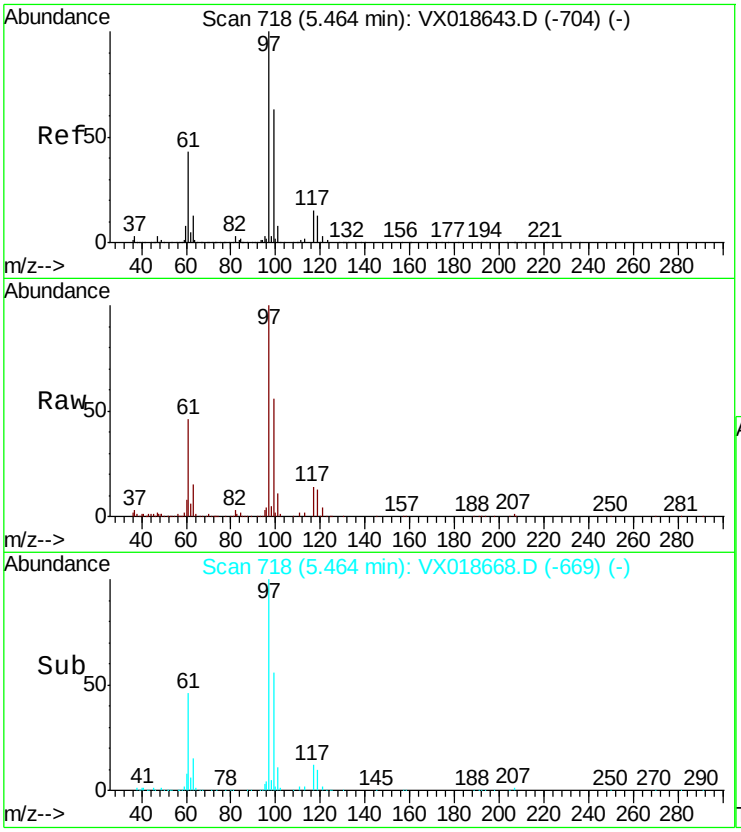




#27
1,2-Dichloroethane
Concen: 5.078 ug/L
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion: 62 Resp: 76887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.9 | 7.0 | 10.4 |



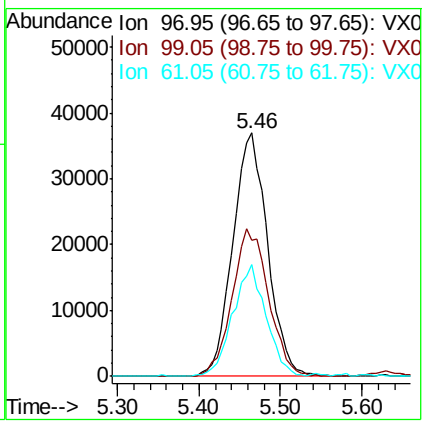


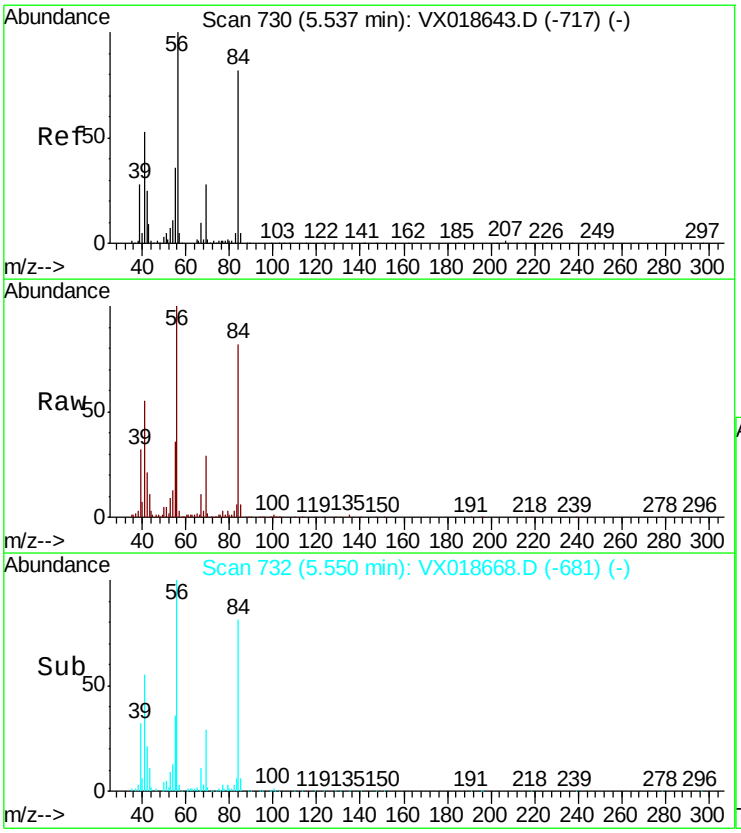

#29
1,1,1-Trichloroethane
Concen: 4.909 ug/L
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion: 97 Resp: 109319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.7 | 50.0 | 75.0 |
| 61 | 44.0 | 33.9 | 50.9 |

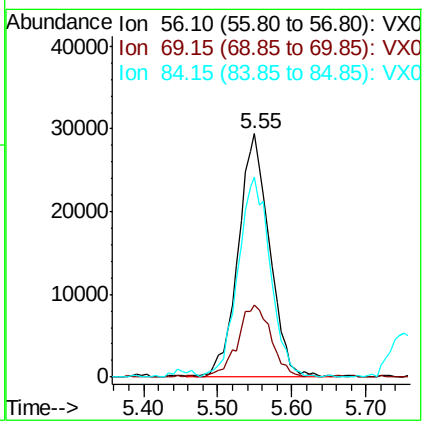


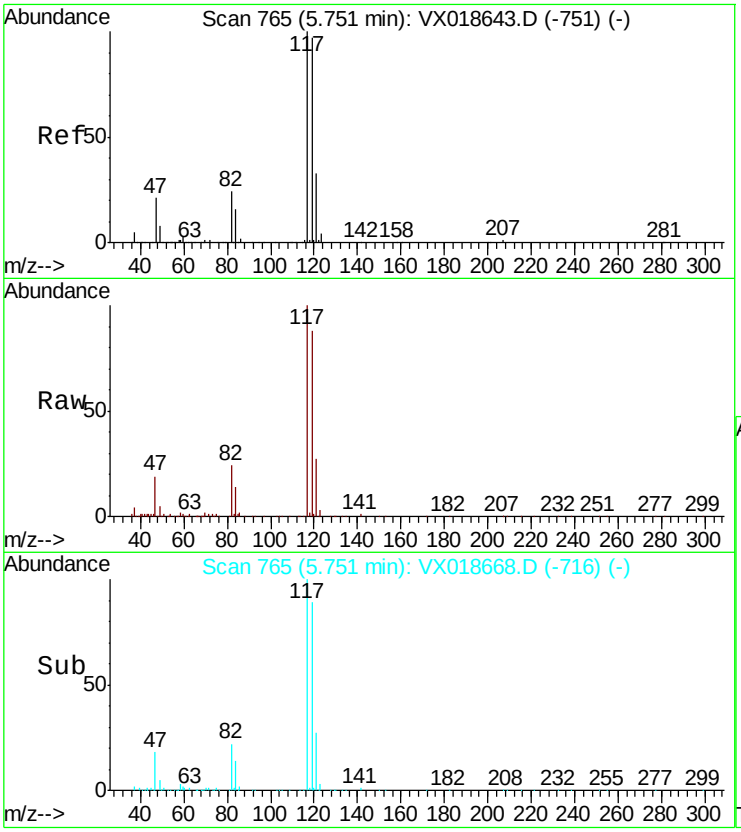




#30
Cyclohexane
Concen: 4.842 ug/L
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion: 56 Resp: 85773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.9 | 26.4 | 39.6 |
| 84 | 85.6 | 72.7 | 109.1 |



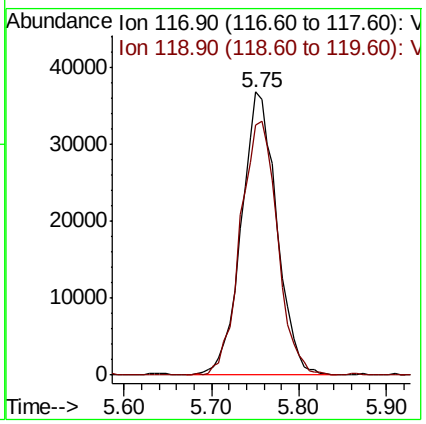


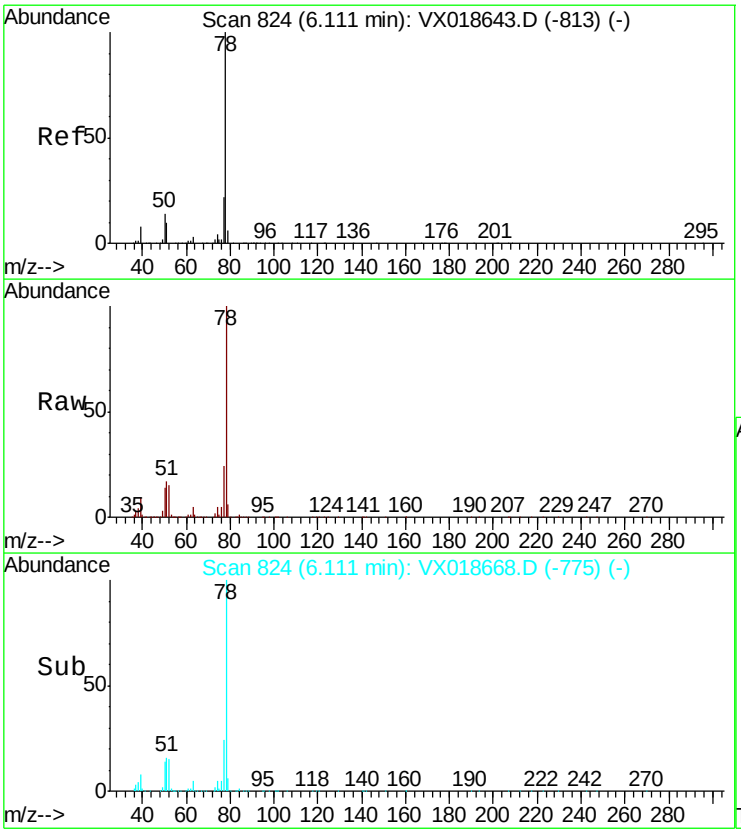

#31
Carbon tetrachloride
Concen: 5.025 ug/L
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion:117 Resp: 103187

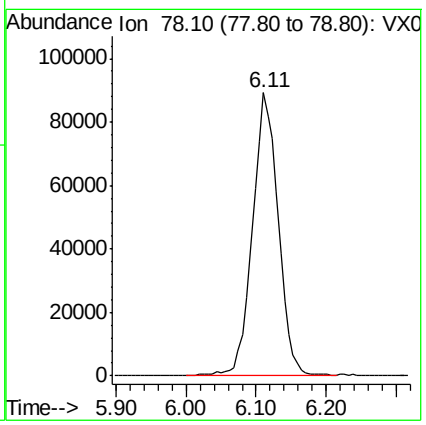
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.3 | 76.3 | 114.5 |

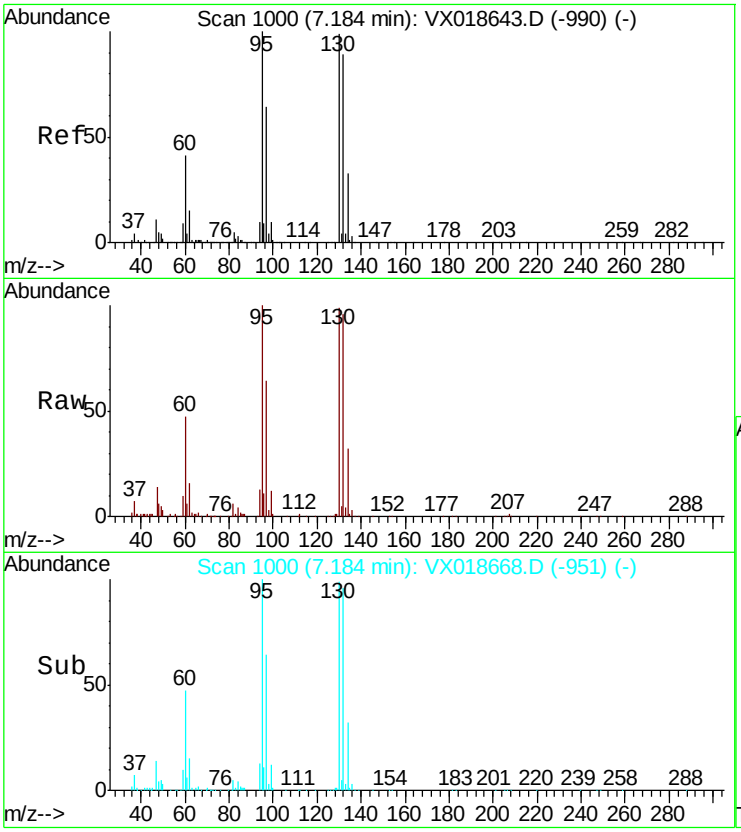



#33
Benzene
Concen: 5.071 ug/L
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion: 78 Resp: 228597



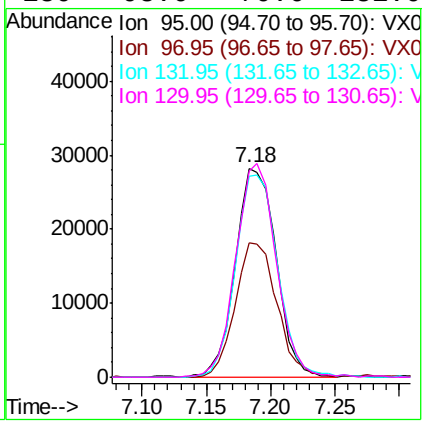


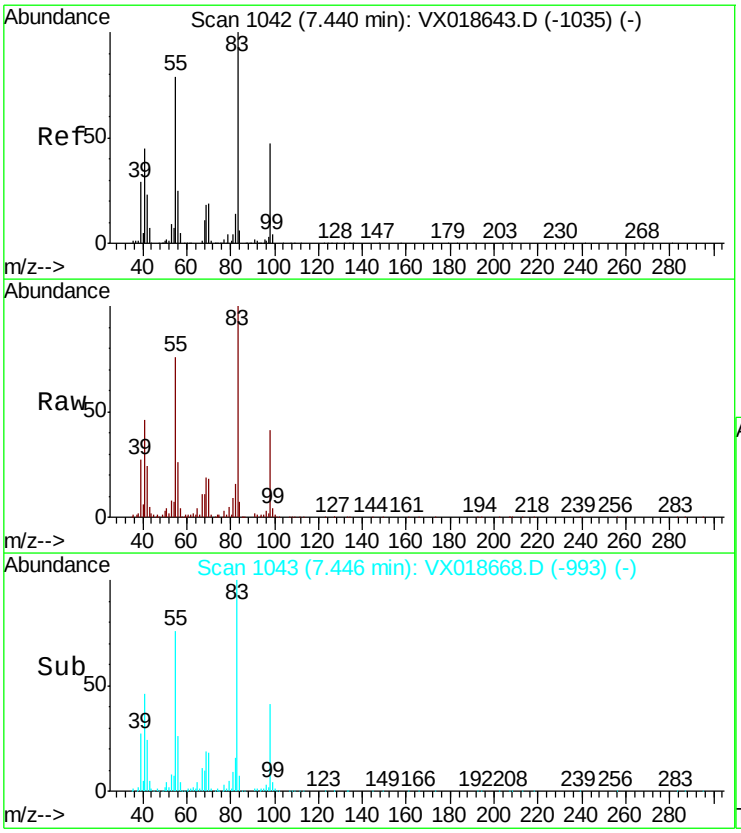

#34
Trichloroethene
Concen: 4.746 ug/L
RT: 7.18 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion: 95 Resp: 61906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 64.0 | 40.6 | 75.4 |
| 132 | 96.2 | 64.3 | 119.5 |
| 130 | 98.6 | 70.6 | 131.0 |

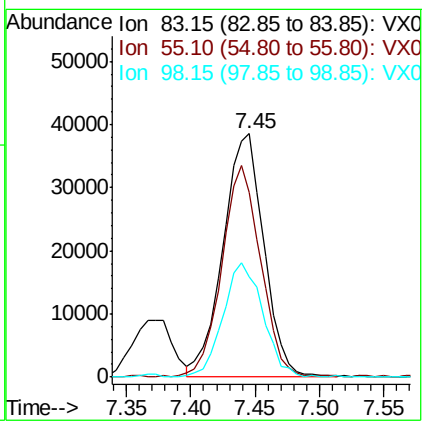


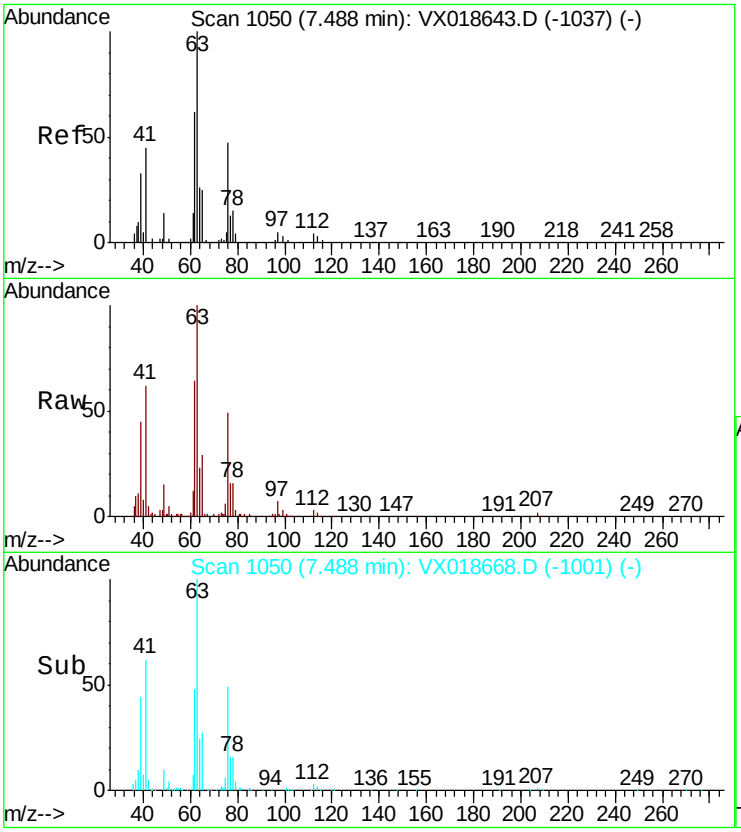




#35
Methylcyclohexane
Concen: 4.686 ug/L
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion: 83 Resp: 85024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 82.7 | 67.4 | 101.0 |
| 98 | 46.0 | 41.1 | 61.7 |



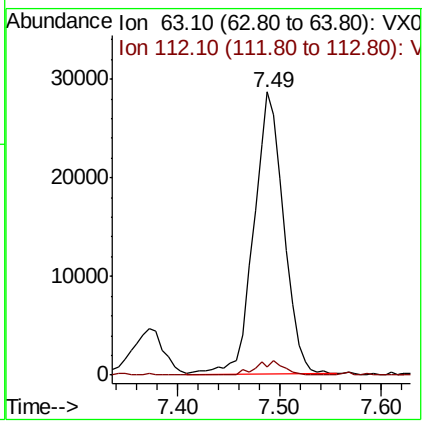


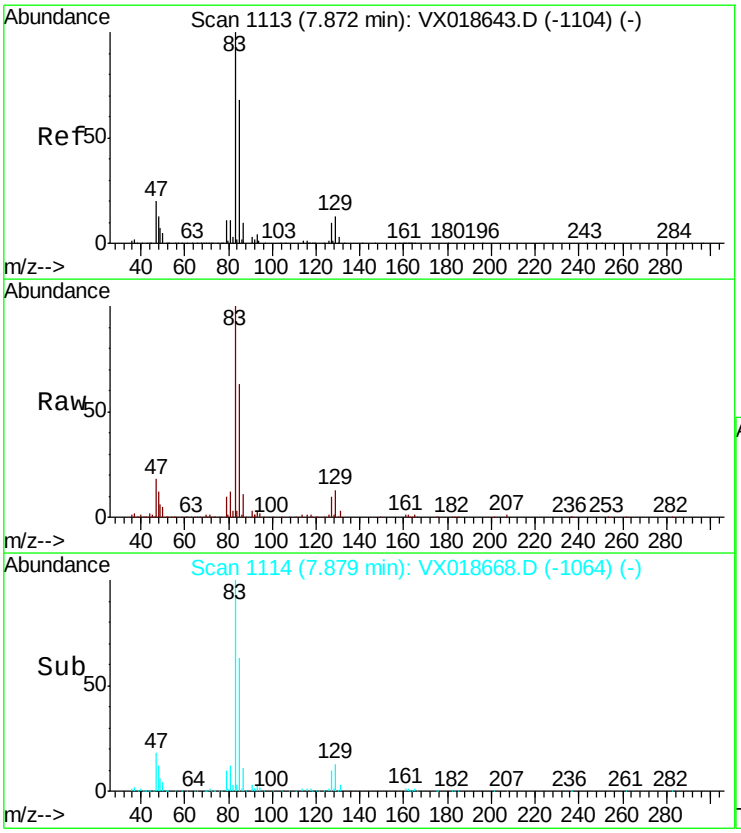

#37
1,2-Dichloropropane
Concen: 4.857 ug/L
RT: 7.49 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion: 63 Resp: 58427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 4.7 | 4.1 | 6.1 |

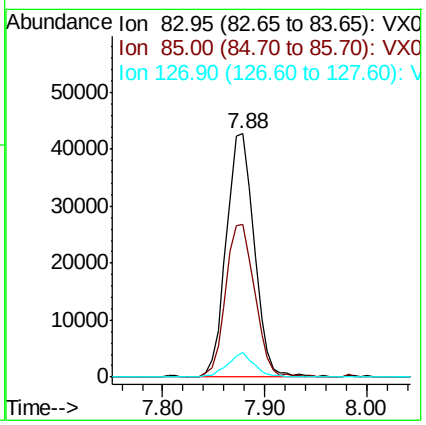


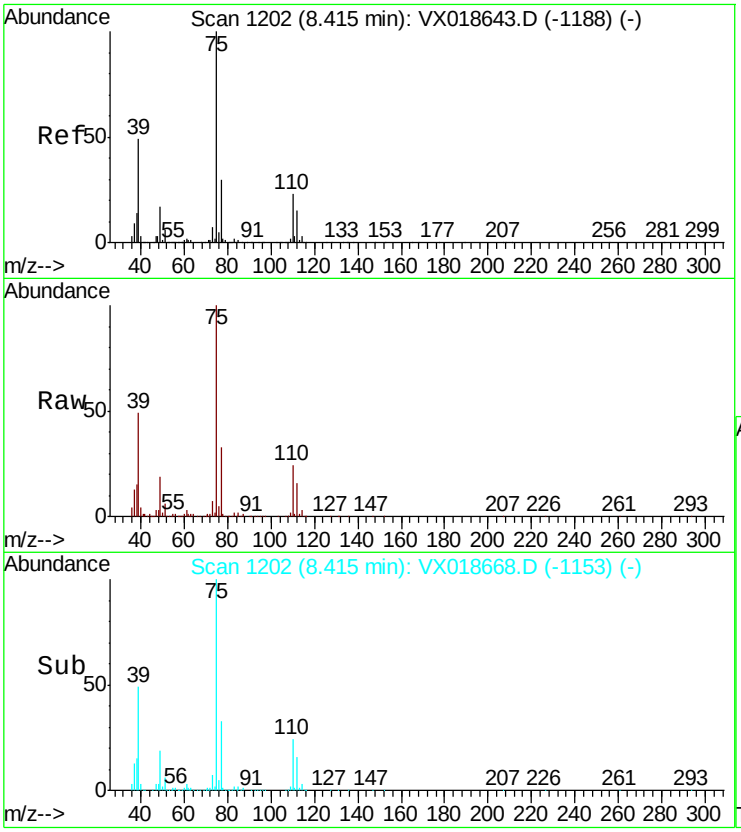




#38
Bromodichloromethane
Concen: 5.000 ug/L
RT: 7.88 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion: 83 Resp: 81179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.7 | 45.2 | 84.0 |
| 127 | 10.2 | 8.2 | 12.2 |



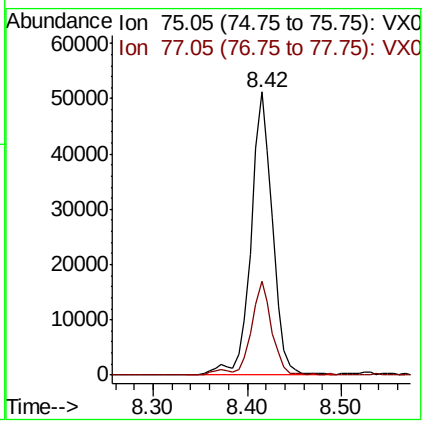


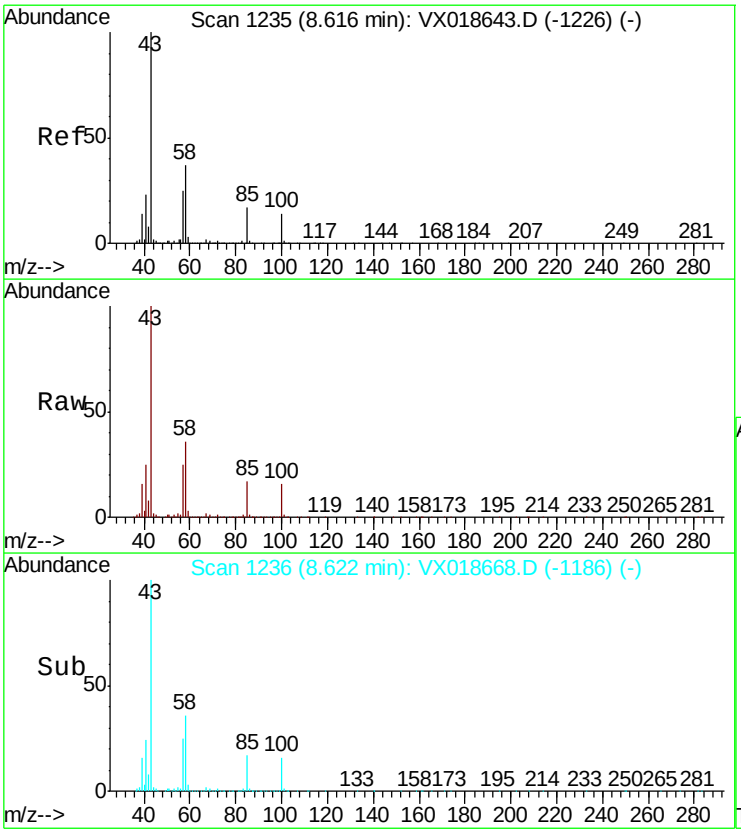

#39
cis-1,3-Dichloropropene
Concen: 4.834 ug/L
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion: 75 Resp: 82457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.0 | 23.0 | 42.8 |

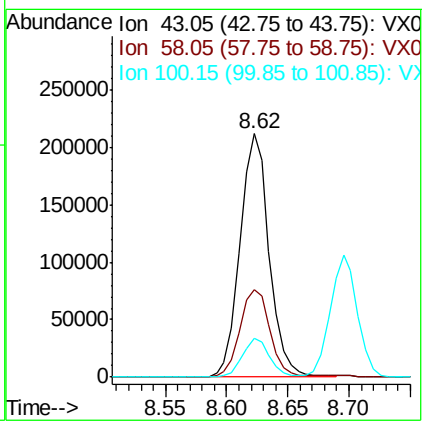


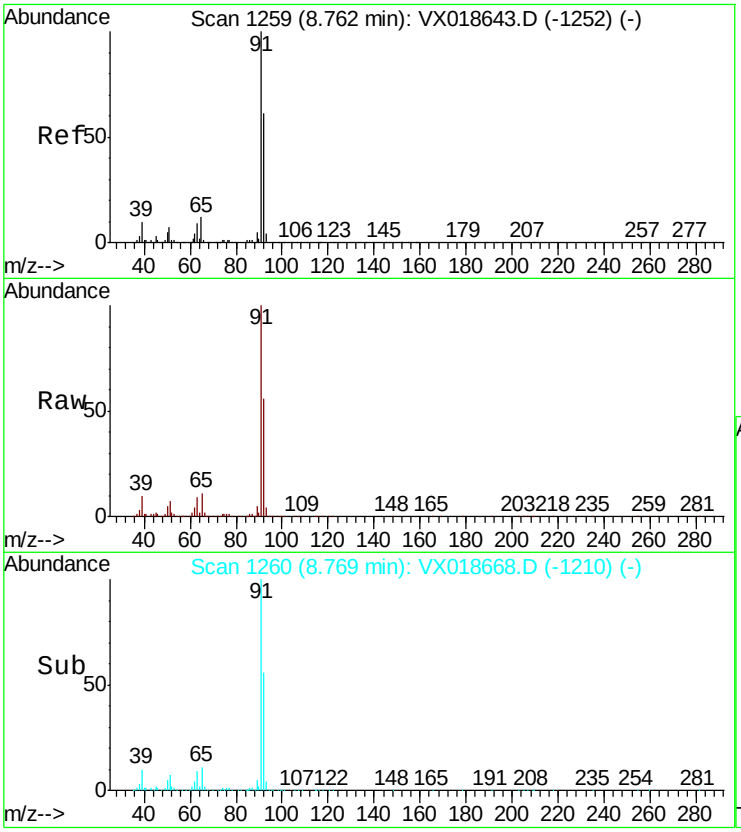




#40
4-Methyl-2-pentanone
Concen: 52.561 ug/L
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion: 43 Resp: 350407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.3 | 30.2 | 45.4 |
| 100 | 15.0 | 11.8 | 17.8 |



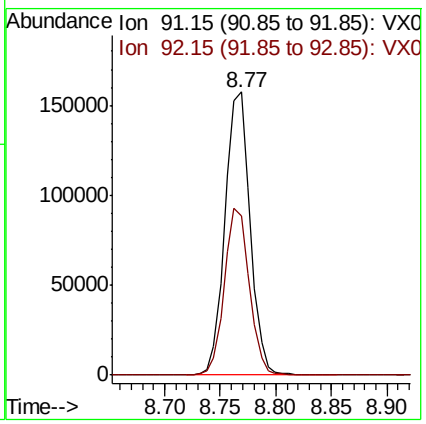


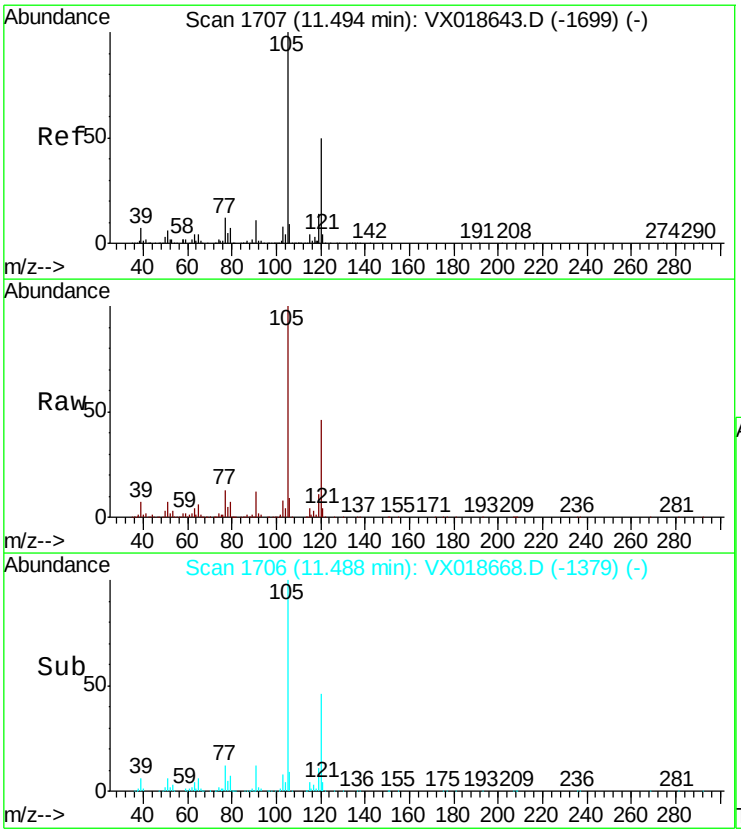

#42
Toluene
Concen: 5.053 ug/L
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion: 91 Resp: 246041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 56.3 | 41.1 | 76.3 |

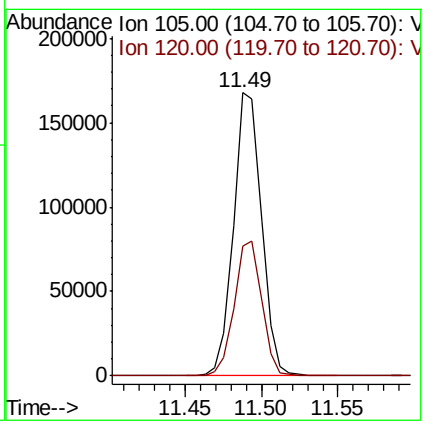


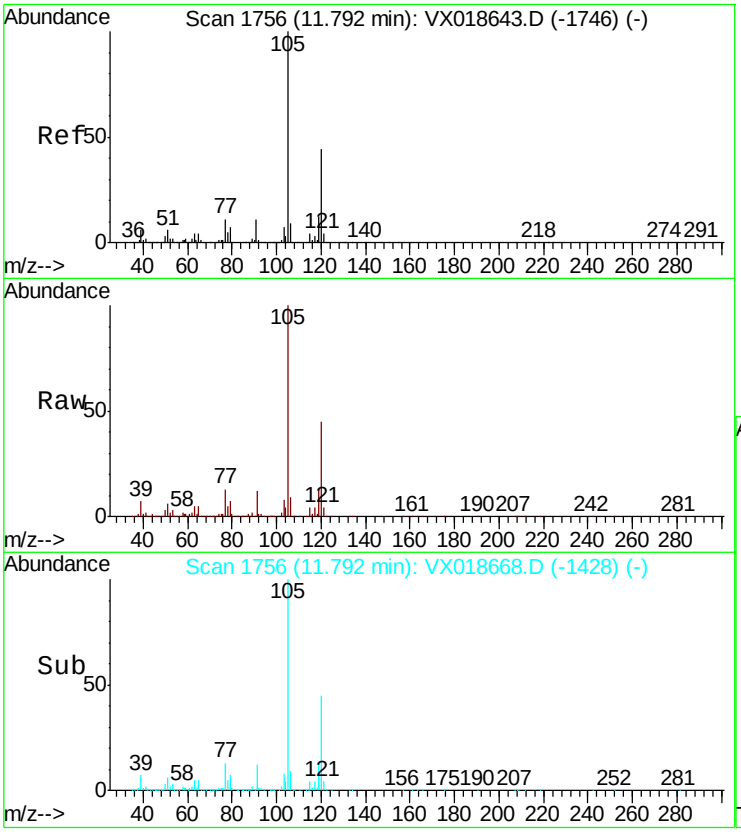




#43
1,3,5-Trimethylbenzene
Concen: 4.970 ug/L
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion:105 Resp: 211576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.2 | 37.2 | 55.8 |



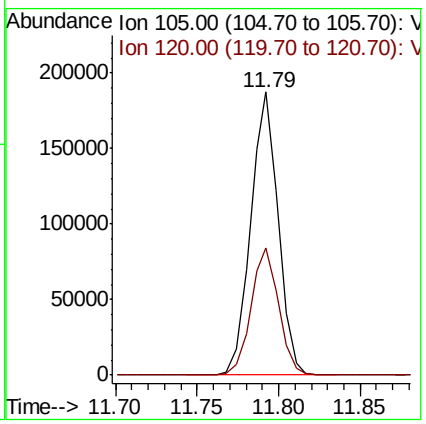


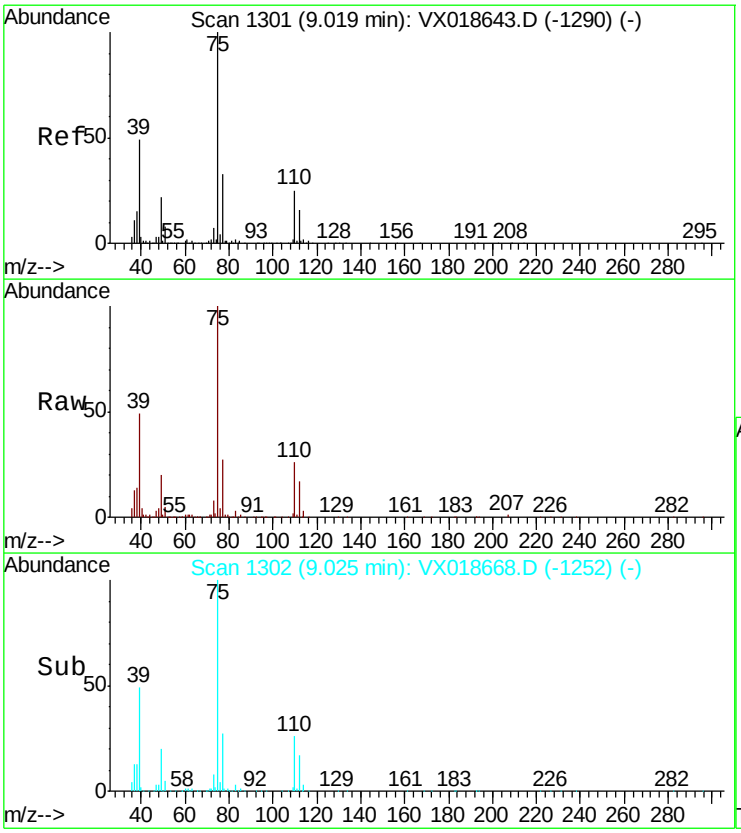

#44
1,2,4-Trimethylbenzene
Concen: 5.151 ug/L
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion:105 Resp: 219384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.2 | 36.8 | 55.2 |

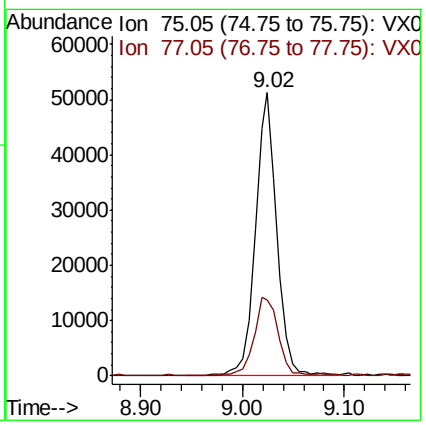


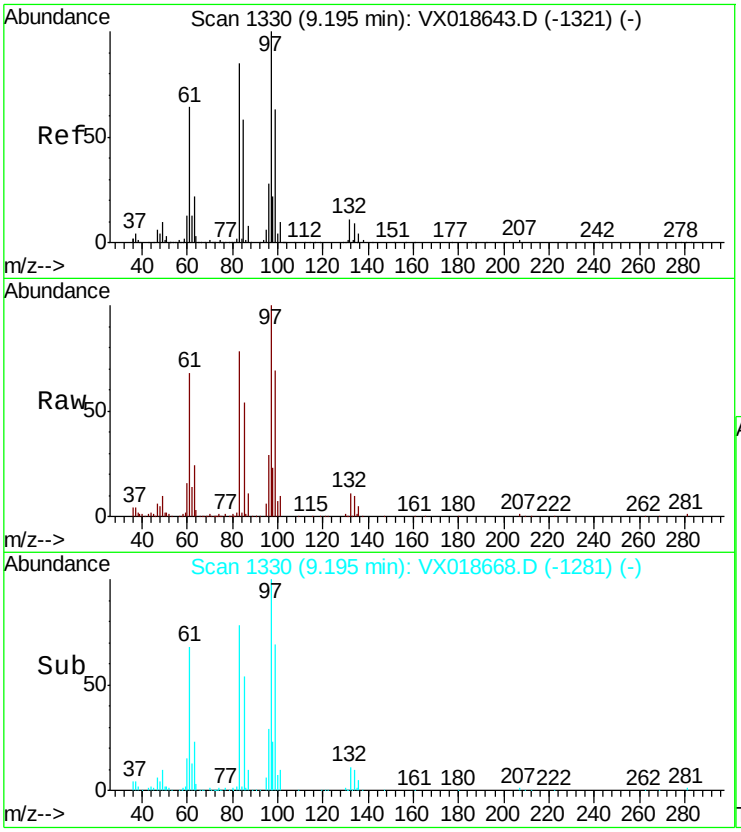




#46
trans-1,3-Dichloropropene
Concen: 4.828 ug/L
RT: 9.02 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion: 75 Resp: 75119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 26.7 | 21.2 | 39.4 |



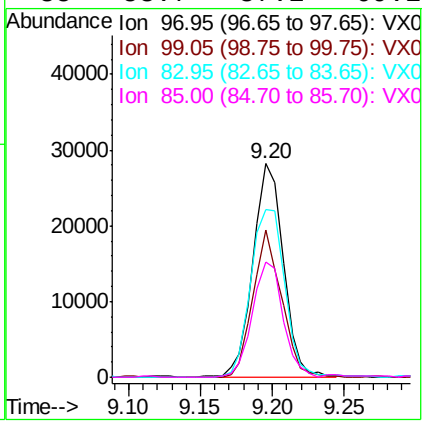


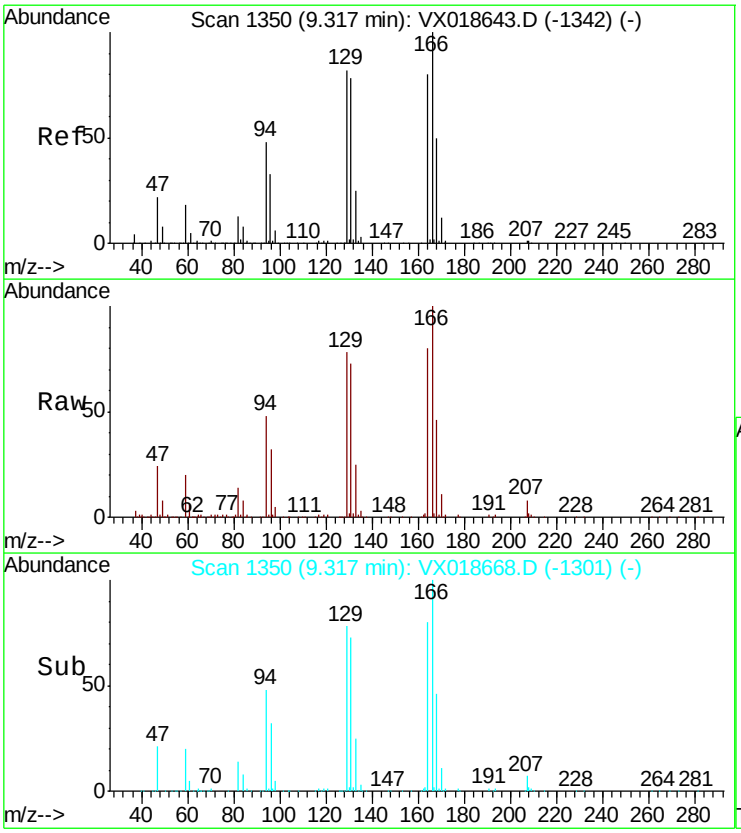

#47
1,1,2-Trichloroethane
Concen: 4.715 ug/L
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion: 97 Resp: 40699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 69.1 | 38.9 | 72.2 |
| 83 | 78.4 | 61.9 | 114.9 |
| 85 | 53.7 | 37.2 | 69.2 |

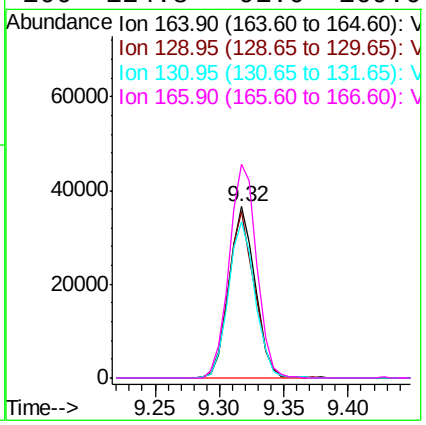


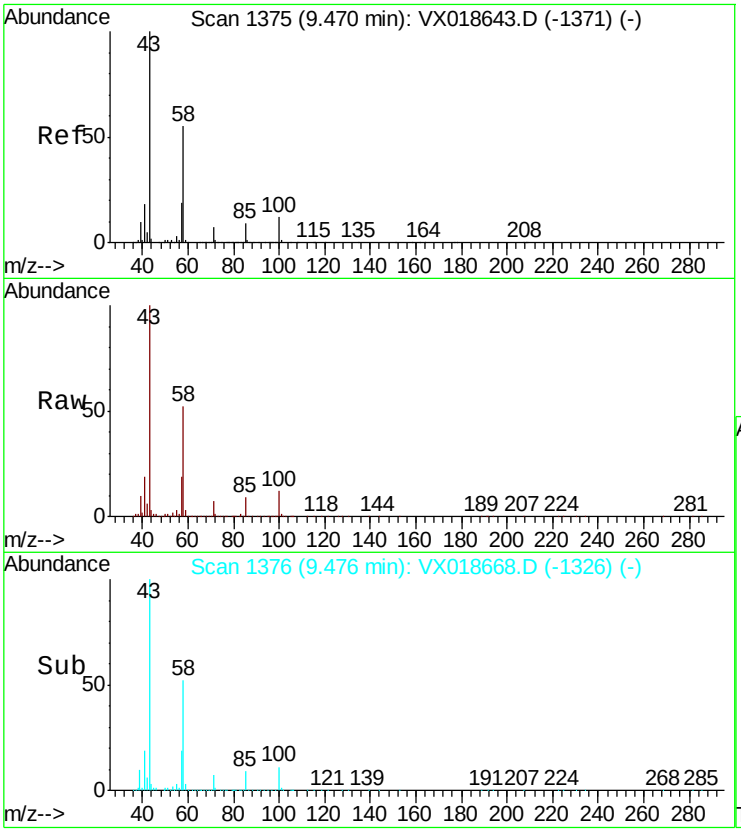




#49
Tetrachloroethene
Concen: 5.079 ug/L
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion:164 Resp: 52159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 97.5 | 65.9 | 122.3 |
| 131 | 91.3 | 61.4 | 114.0 |
| 166 | 124.8 | 91.0 | 169.0 |



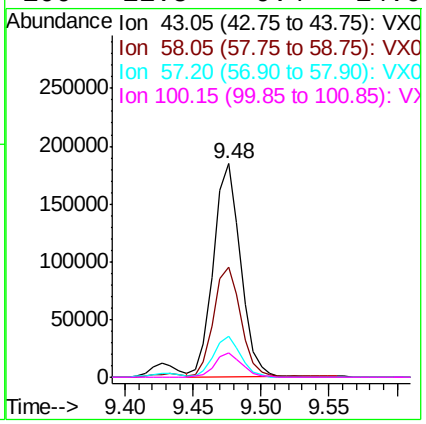


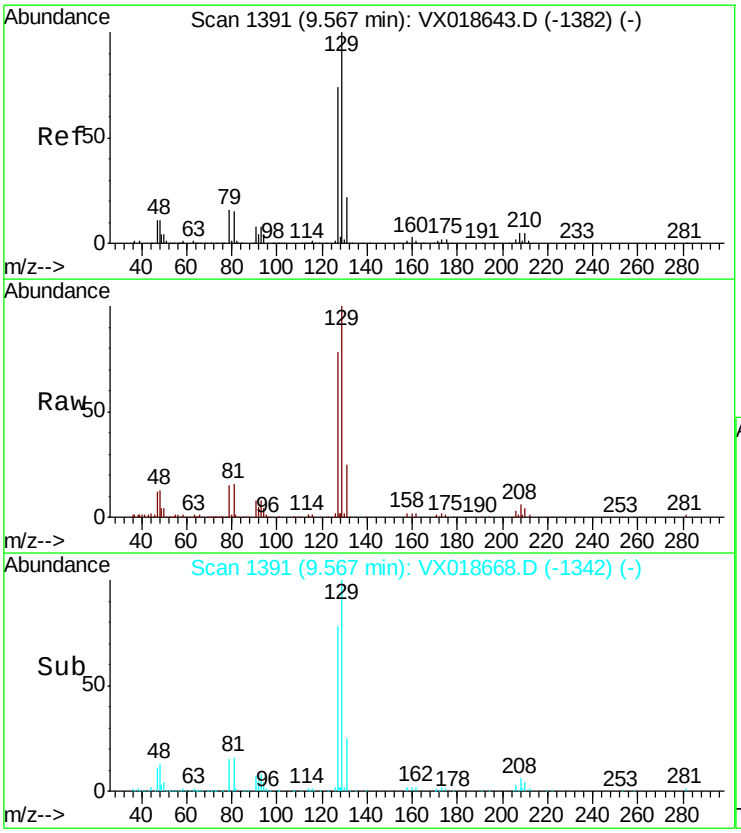

#50
2-Hexanone
Concen: 54.391 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion: 43 Resp: 256656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 52.8 | 42.5 | 63.7 |
| 57 | 19.3 | 15.9 | 23.9 |
| 100 | 11.5 | 9.4 | 14.0 |

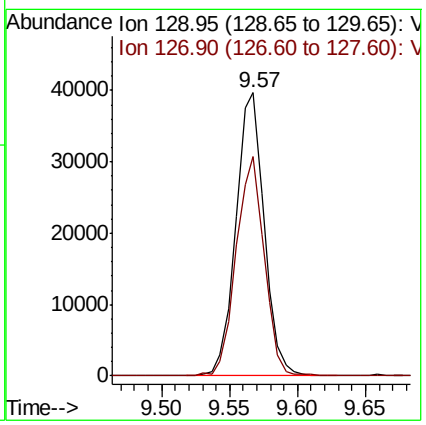


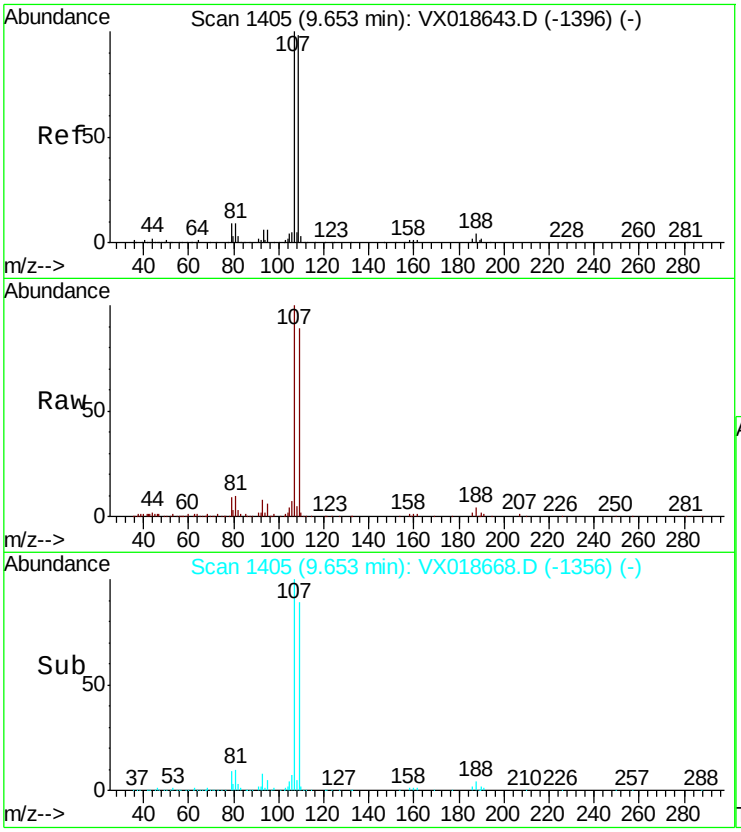




#51
Dibromochloromethane
Concen: 5.087 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion:129 Resp: 57459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.6 | 55.0 | 102.2 |



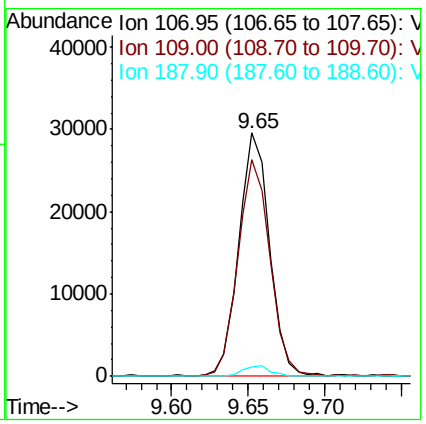


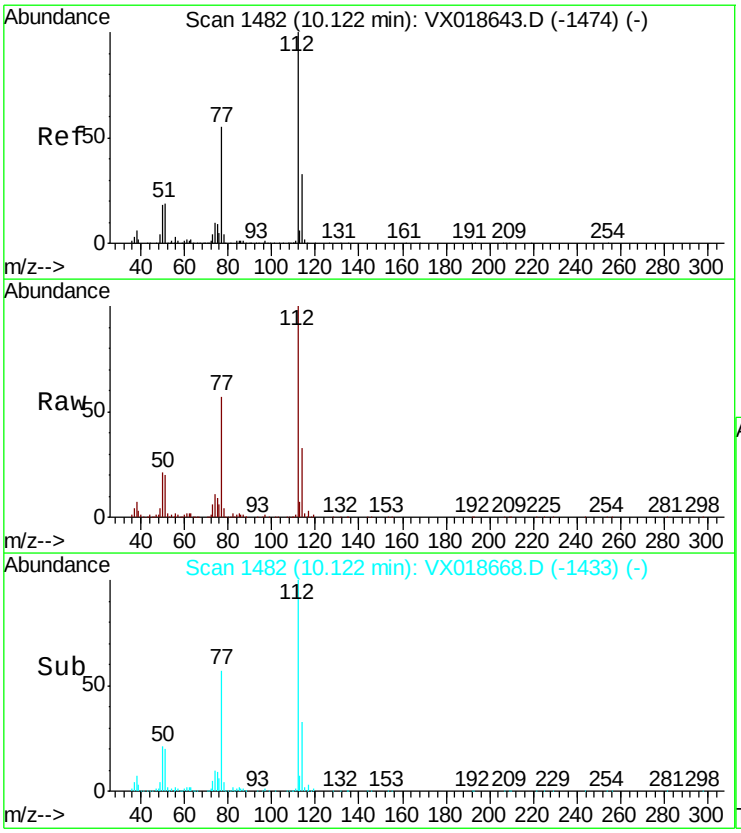

#52
1,2-Dibromoethane
Concen: 5.097 ug/L
RT: 9.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion:107 Resp: 40980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 88.9 | 63.4 | 117.8 |
| 188 | 3.9 | 4.1 | 6.1# |

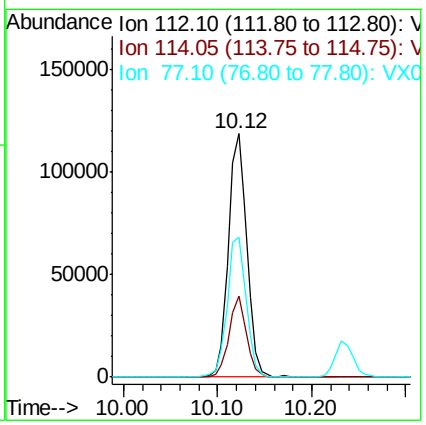


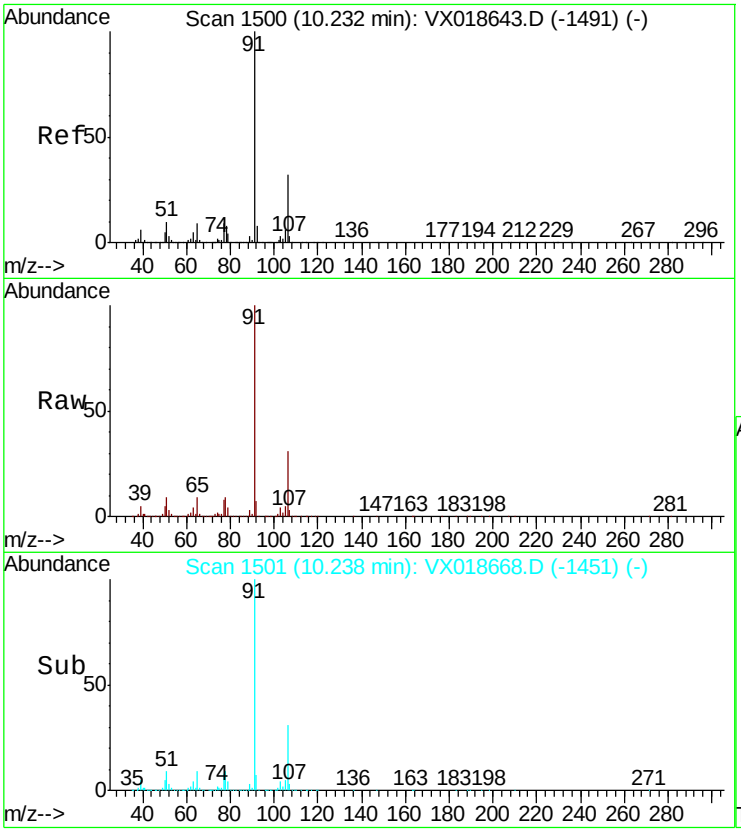




#53
Chlorobenzene
Concen: 5.006 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion:112 Resp: 161001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 33.1 | 20.6 | 38.4 |
| 77 | 57.4 | 46.6 | 69.8 |



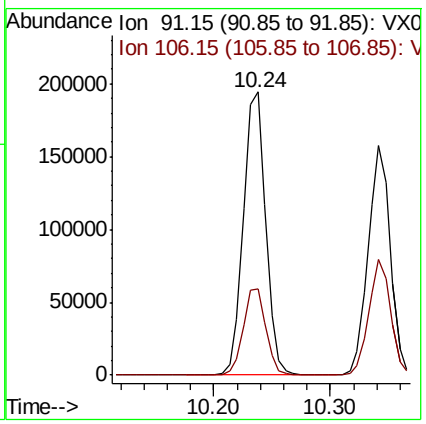


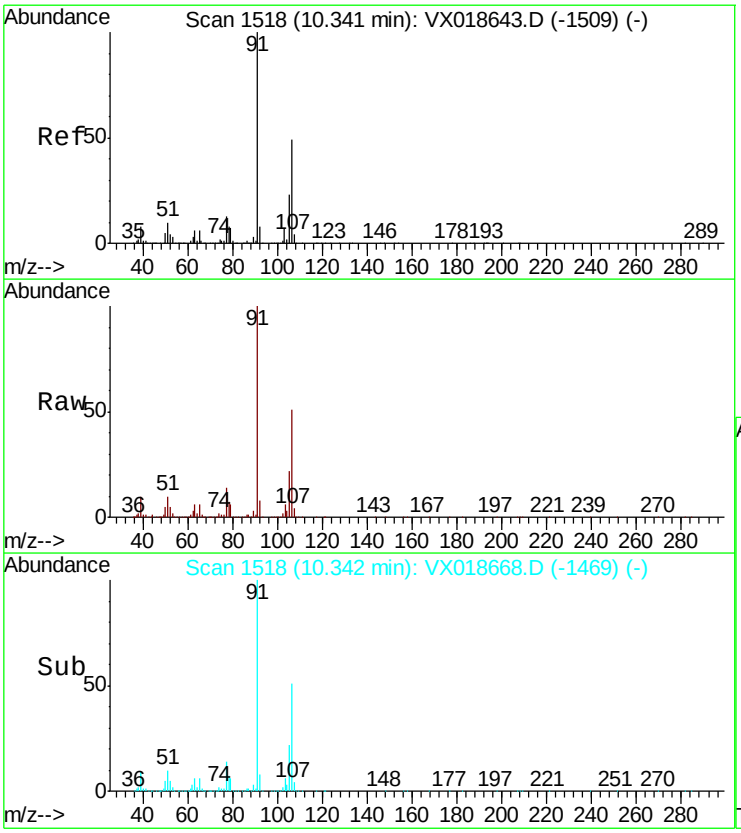

#54
Ethylbenzene
Concen: 4.950 ug/L
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion: 91 Resp: 262542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.6 | 21.0 | 39.0 |

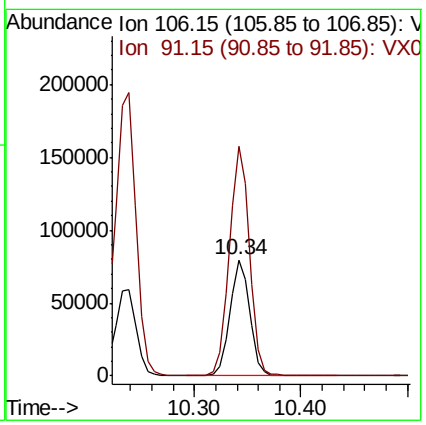


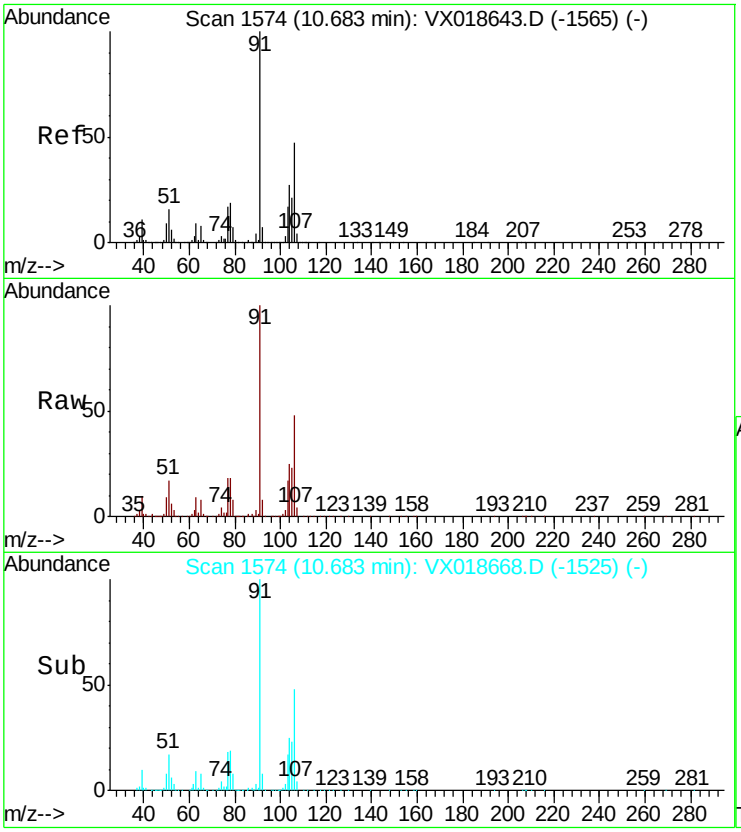




#55
m,p-xylene
Concen: 5.133 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion:106 Resp: 104085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 197.7 | 140.3 | 260.6 |



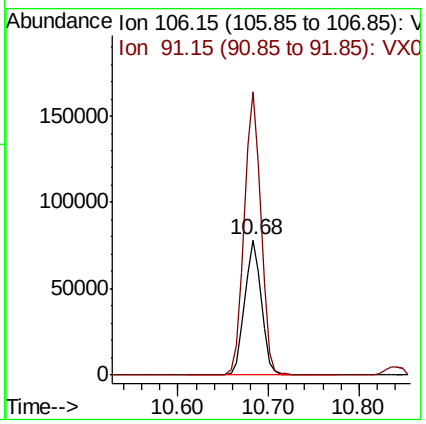


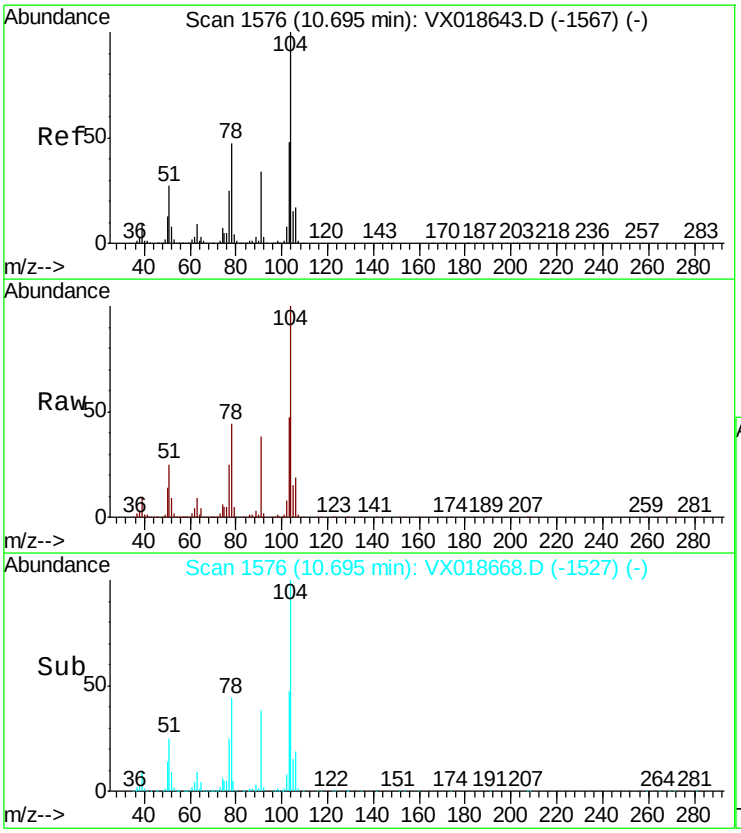

#56
o-xylene
Concen: 5.200 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion:106 Resp: 99652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 209.7 | 167.5 | 311.1 |

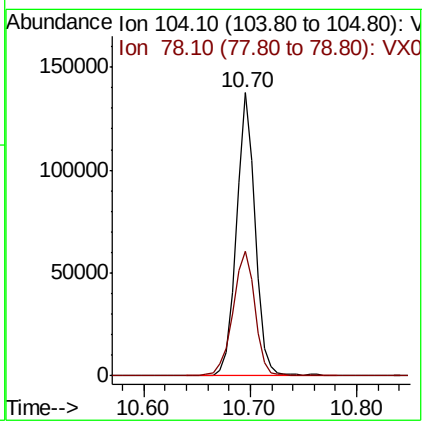


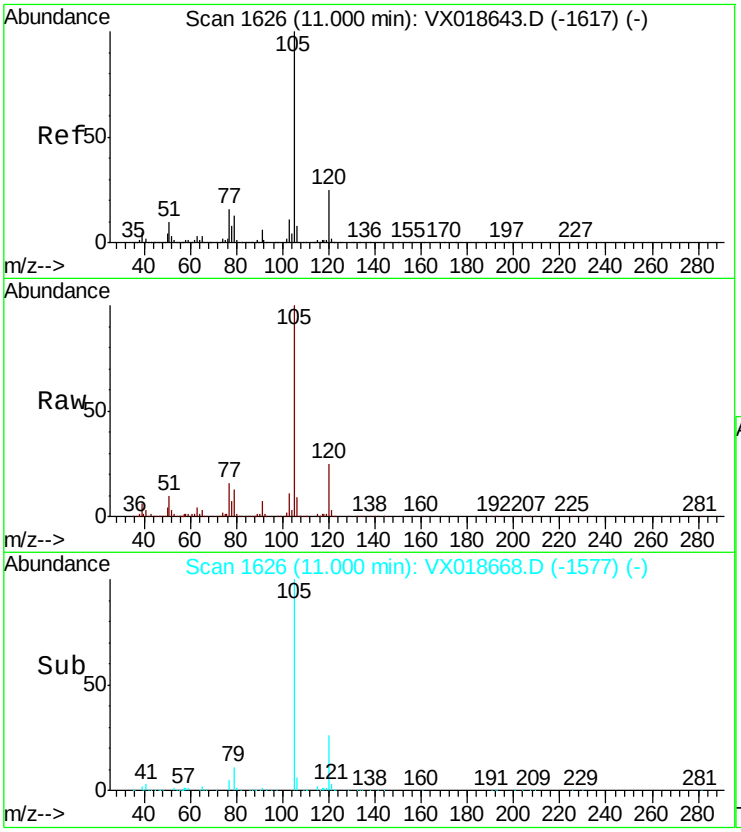




#57
Styrene
Concen: 5.373 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion:104 Resp: 169978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 44.0 | 33.3 | 61.9 |



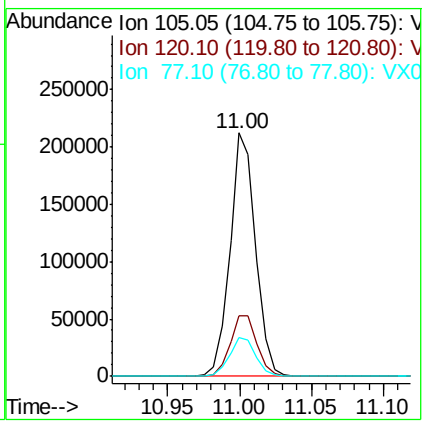


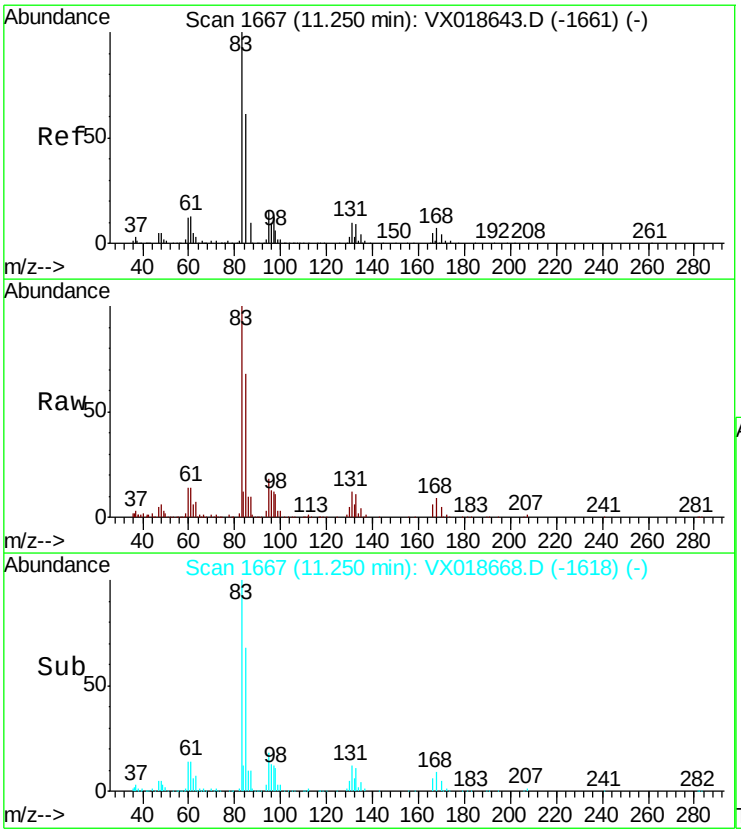

#58
Isopropylbenzene
Concen: 5.119 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion:105 Resp: 262987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.3 | 21.2 | 31.8 |
| 77 | 16.8 | 13.3 | 19.9 |

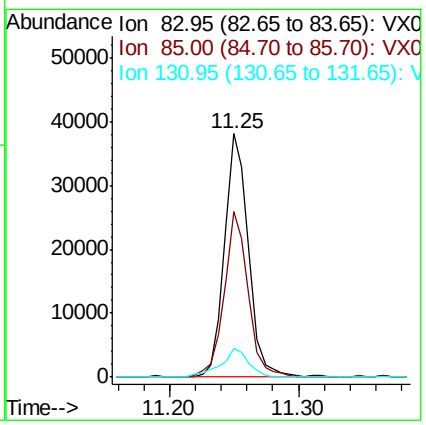


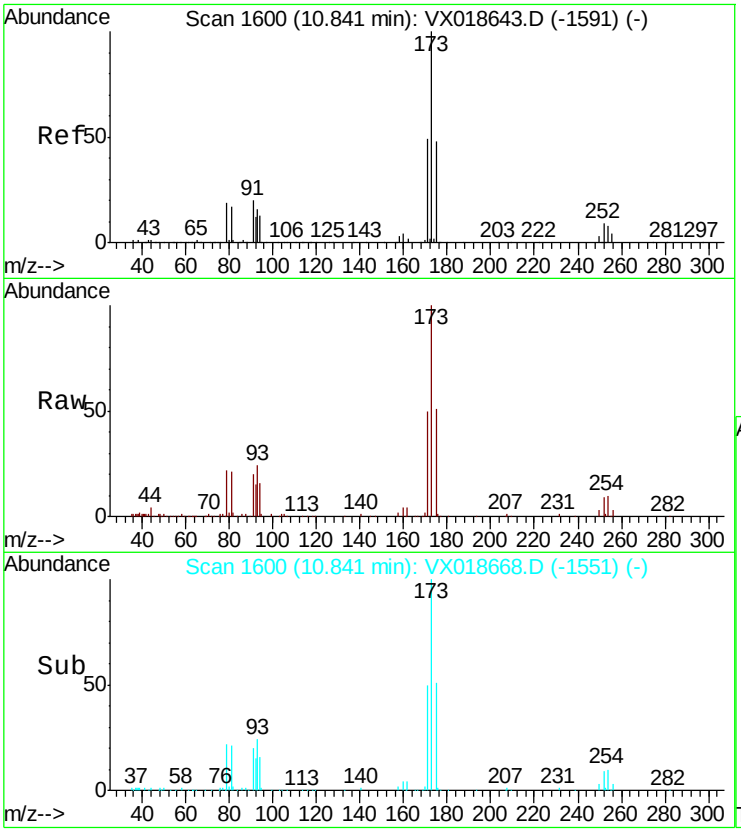




#60
1,1,2,2-Tetrachloroethane
Concen: 5.131 ug/L
RT: 11.25 min Scan# 1667
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion: 83 Resp: 50019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 67.8 | 48.5 | 90.1 |
| 131 | 11.8 | 7.8 | 11.6# |



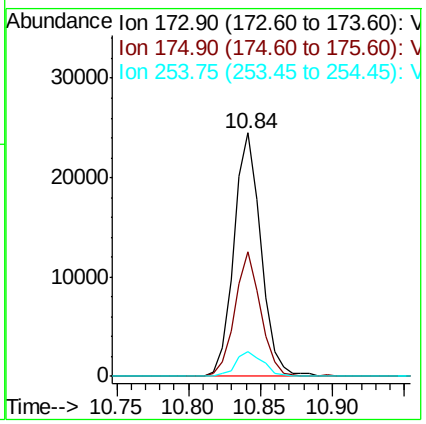


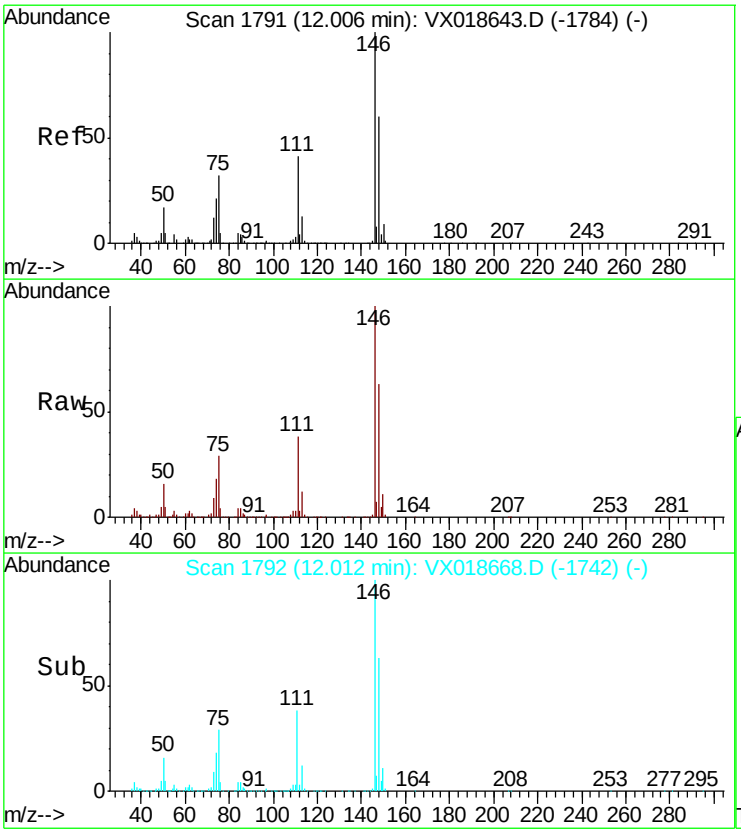

#62
Bromoform
Concen: 5.040 ug/L
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion:173 Resp: 32093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.1 | 41.6 | 62.4 |
| 254 | 10.3 | 7.7 | 11.5 |

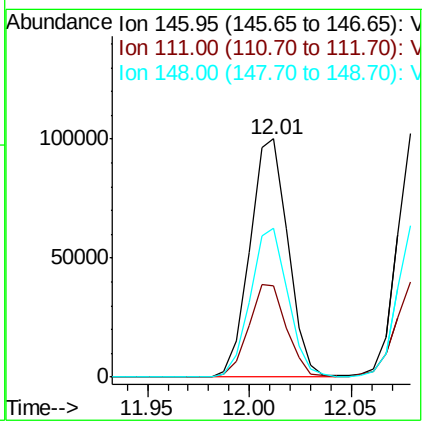


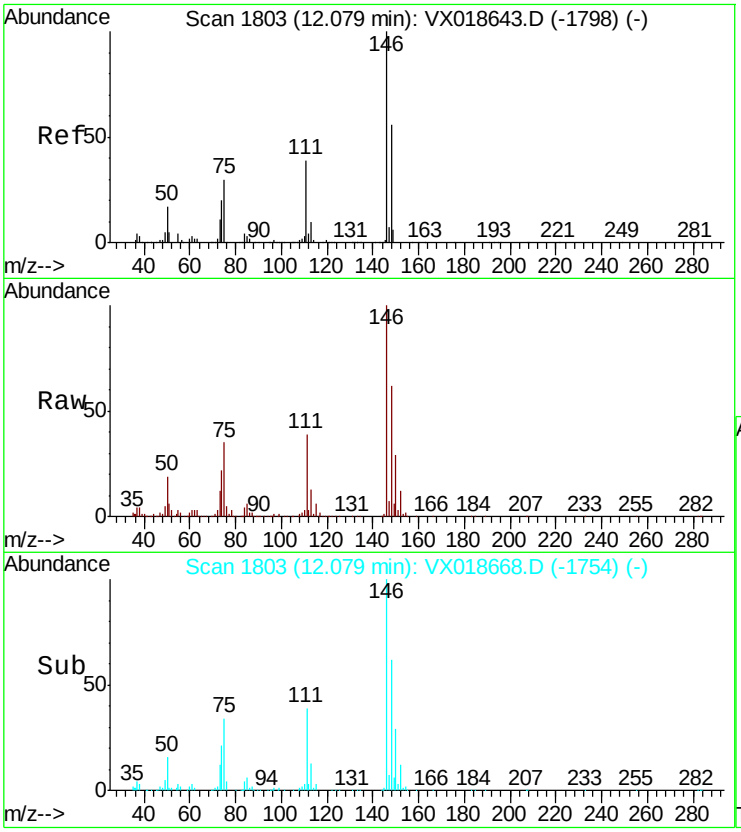




#63
1,3-Dichlorobenzene
Concen: 5.019 ug/L
RT: 12.01 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion:146 Resp: 130501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.3 | 26.7 | 49.7 |
| 148 | 62.5 | 44.4 | 82.5 |



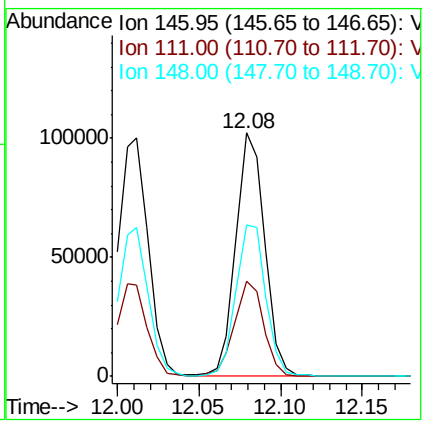


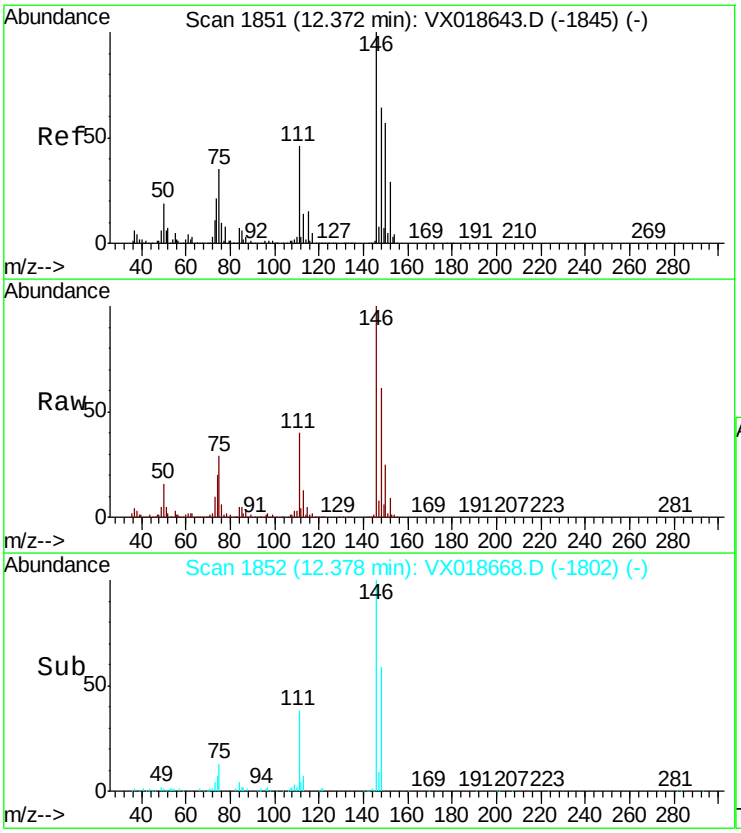

#64
1,4-Dichlorobenzene
Concen: 4.834 ug/L
RT: 12.08 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion:146 Resp: 126959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.1 | 28.8 | 53.4 |
| 148 | 62.4 | 44.9 | 83.3 |

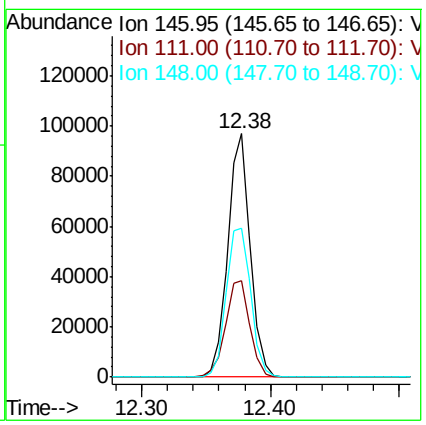


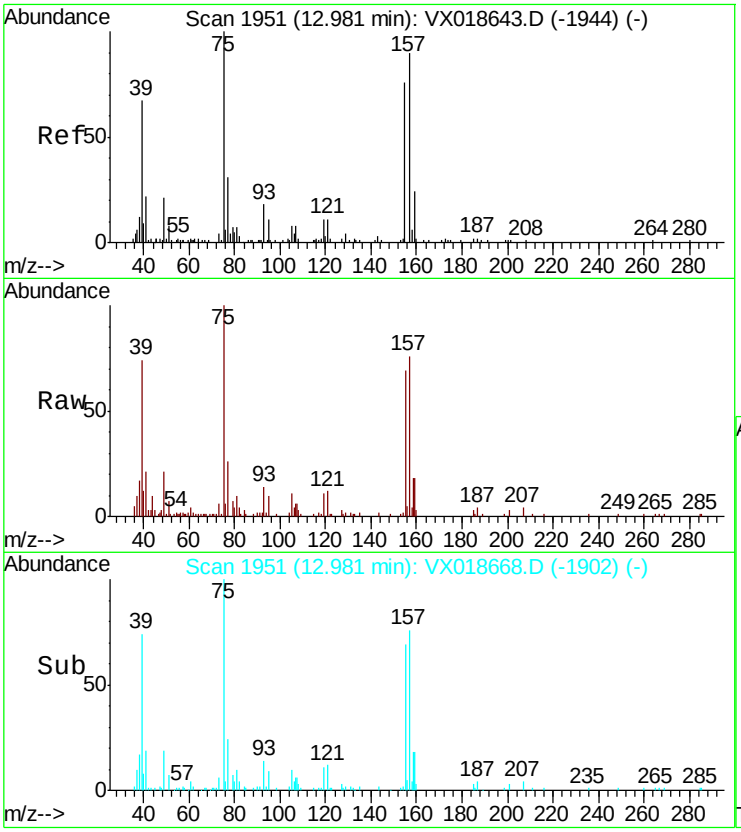




#66
1,2-Dichlorobenzene
Concen: 4.911 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. 0.01 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion:146 Resp: 118973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.8 | 33.6 | 50.4 |
| 148 | 60.9 | 53.4 | 80.2 |



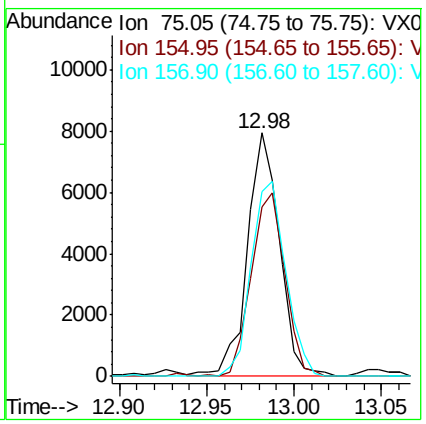


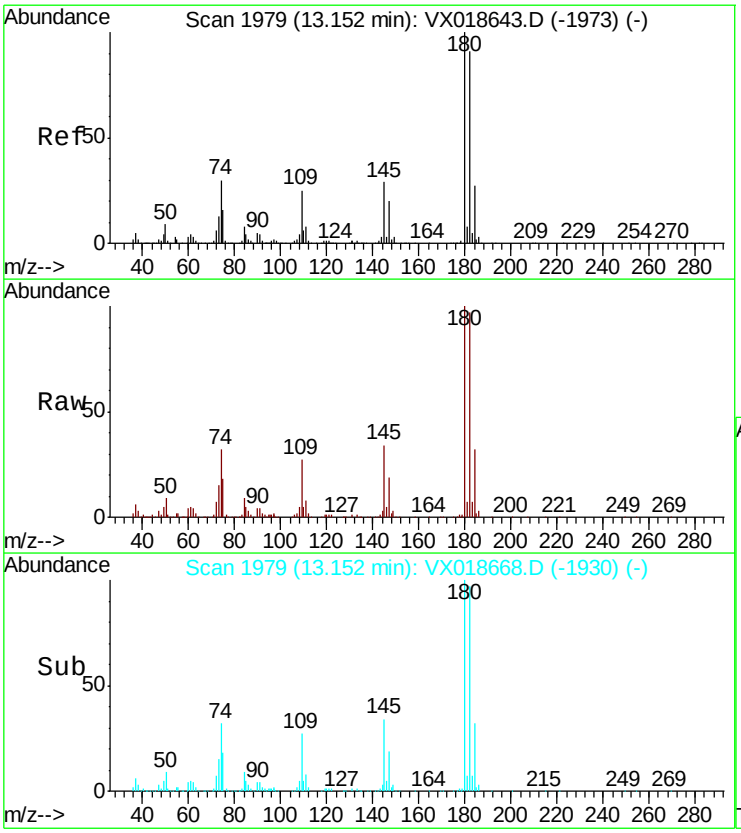

#67
1,2-Dibromo-3-chloropropane
Concen: 4.939 ug/L
RT: 12.98 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion: 75 Resp: 10172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 69.5 | 54.6 | 81.8 |
| 157 | 75.7 | 73.5 | 110.3 |

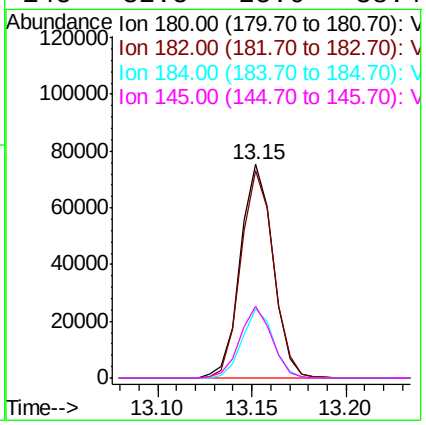


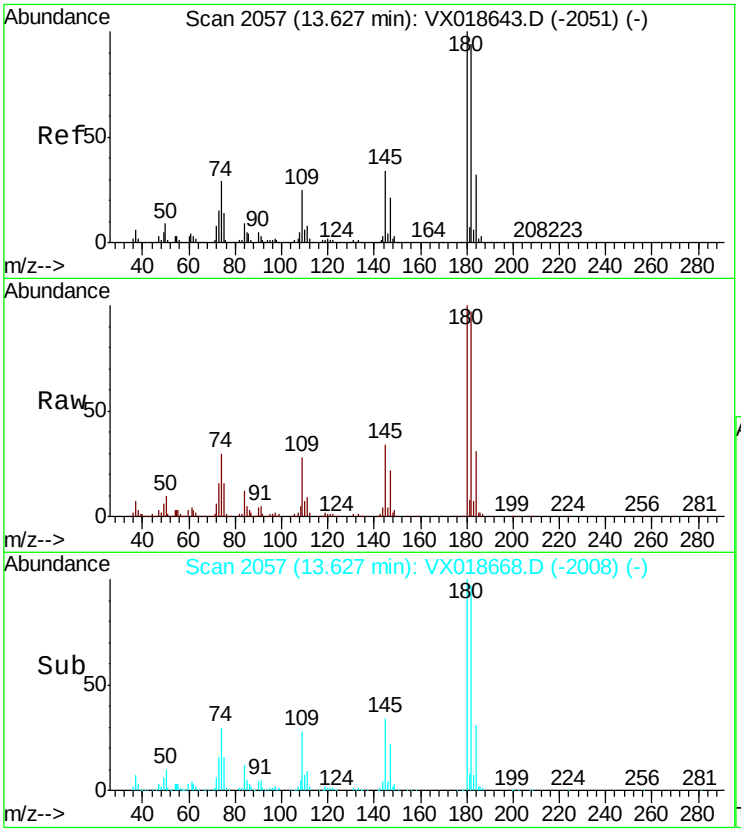




#68
1,3,5-Trichlorobenzene
Concen: 4.661 ug/L
RT: 13.15 min Scan# 1979
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion:180 Resp: 90987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.8 | 72.4 | 108.6 |
| 184 | 30.8 | 25.3 | 37.9 |
| 145 | 32.5 | 25.6 | 38.4 |



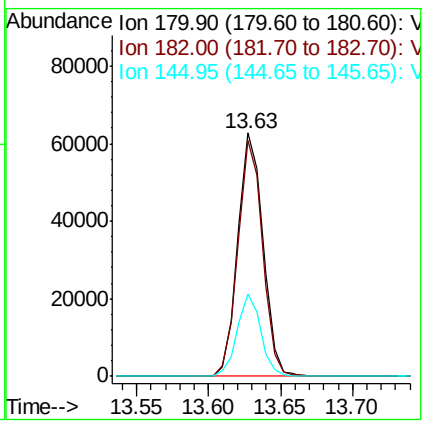


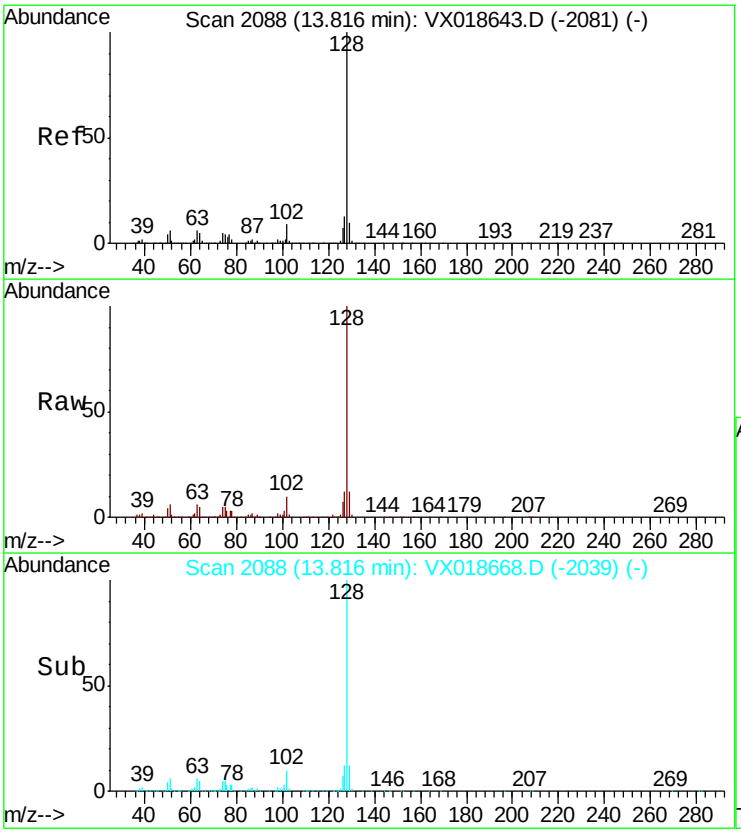

#69
1,2,4-trichlorobenzene
Concen: 4.768 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion:180 Resp: 76297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.6 | 74.6 | 112.0 |
| 145 | 32.0 | 25.0 | 37.6 |

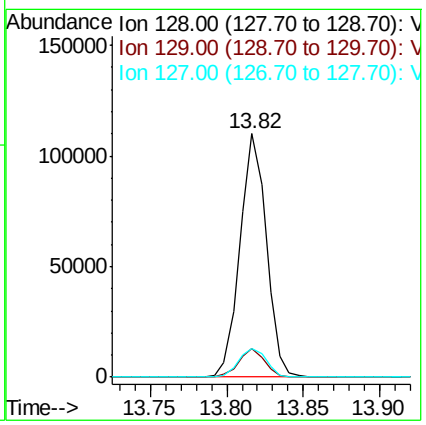


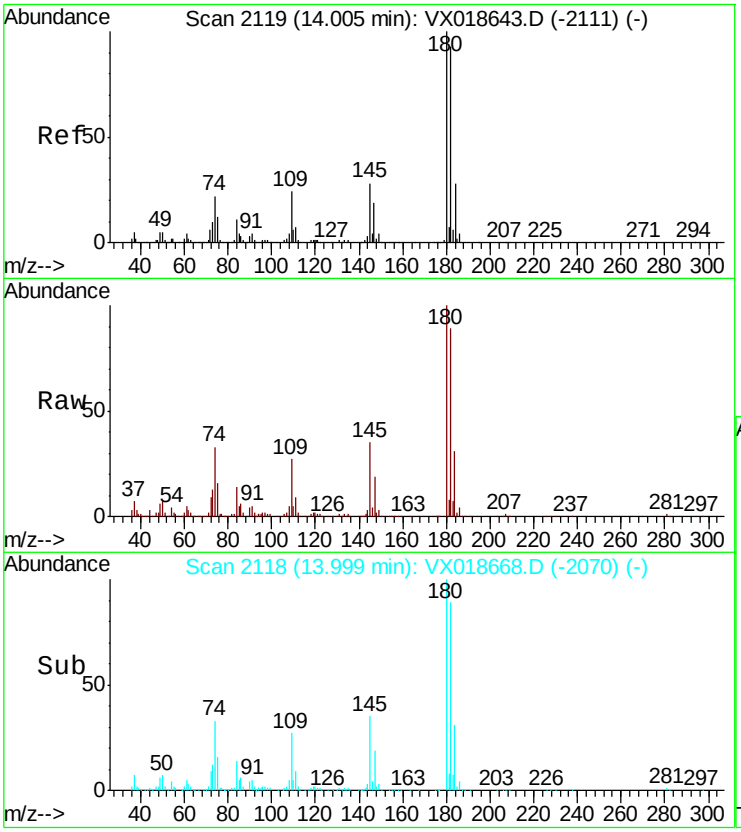




#70
Naphthalene
Concen: 4.883 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

Tgt Ion:128 Resp: 132092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.4 | 8.8 | 13.2 |
| 127 | 12.3 | 10.7 | 16.1 |






#71
1,2,3-Trichlorobenzene
Concen: 4.924 ug/L
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX018668.D
Acq: 29 Sep 2020 19:29

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

Tgt Ion:180 Resp: 71200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.2 | 77.7 | 116.5 |
| 145 | 34.8 | 28.6 | 42.8 |