Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018617.D
Acq On : 28 Sep 2020 13:28
Operator : JC/SP
Sample : VSTD0.563
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTD0.563

Quant Time: Sep 29 00:17:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 00:09:07 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.83 | 114 | 250045 | 5.00 | ug/L | | 0.00 |
| 28) Chlorobenzene-d5 | 10.10 | 117 | 233864 | 5.00 | ug/L | | 0.00 |
| 61) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 114041 | 5.00 | ug/L | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) Vinyl Chloride-d3 | 1.39 | 65 | 6825 | 0.52 | ug/L | | 0.00 |
| 7) Chloroethane-d5 | 1.70 | 69 | 5800 | 0.53 | ug/L | | 0.00 |
| 11) 1,1-Dichloroethene-d2 | 2.35 | 63 | 14529 | 0.50 | ug/L | | 0.00 |
| 20) 2-Butanone-d5 | 4.57 | 46 | 14811 | 4.44 | ug/L | | 0.02 |
| 24) Chloroform-d | 5.14 | 84 | 15363 | 0.50 | ug/L | | 0.00 |
| 26) 1,2-Dichloroethane-d4 | 6.04 | 65 | 10284 | 0.57 | ug/L | | 0.00 |
| 32) Benzene-d6 | 6.05 | 84 | 25625 | 0.47 | ug/L | | 0.00 |
| 36) 1,2-Dichloropropane-d6 | 7.37 | 67 | 7916 | 0.48 | ug/L | | 0.00 |
| 41) Toluene-d8 | 8.70 | 98 | 27428 | 0.51 | ug/L | | 0.00 |
| 45) trans-1,3-Dichloropropene- | 8.99 | 79 | 3684 | 0.50 | ug/L | | 0.00 |
| 48) 2-Hexanone-d5 | 9.43 | 63 | 10733 | 4.10 | ug/L | | 0.00 |
| 59) 1,1,2,2-Tetrachloroethane- | 11.23 | 84 | 6230 | 0.51 | ug/L | | 0.00 |
| 65) 1,2-Dichlorobenzene-d4 | 12.36 | 152 | 9633 | 0.52 | ug/L | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.18 | 85 | 7350 | 0.486 | ug/L | | 99 |
| 3) Chloromethane | 1.31 | 50 | 6756 | 0.523 | ug/L | | 85 |
| 5) Vinyl chloride | 1.39 | 62 | 6970 | 0.515 | ug/L | | 98 |
| 6) Bromomethane | 1.64 | 94 | 4926 | 0.609 | ug/L | | 89 |
| 9) Trichlorofluoromethane | 1.92 | 101 | 11166 | 0.476 | ug/L | | 98 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.37 | 101 | 6643 | 0.516 | ug/L | | 99 |
| 12) 1,1-Dichloroethene | 2.36 | 96 | 6360 | 0.521 | ug/L | | 88 |
| 13) Acetone | 2.46 | 43 | 7825 | 4.237 | ug/L | | 89 |
| 14) Carbon disulfide | 2.55 | 76 | 19102 | 0.515 | ug/L | | 97 |
| 15) Methyl Acetate | 2.78 | 43 | 2654 | 0.519 | ug/L | # | 83 |
| 16) Methylene chloride | 2.84 | 84 | 10552 | 0.633 | ug/L | | 98 |
| 17) Methyl tert-butyl Ether | 3.17 | 73 | 13308 | 0.490 | ug/L | | 95 |
| 18) trans-1,2-Dichloroethene | 3.14 | 96 | 6256 | 0.513 | ug/L | | 93 |
| 19) 1,1-Dichloroethane | 3.68 | 63 | 10604 | 0.485 | ug/L | | 95 |
| 21) 2-Butanone | 4.68 | 43 | 12942 | 4.415 | ug/L | # | 58 |
| 22) cis-1,2-Dichloroethene | 4.57 | 96 | 6580 | 0.517 | ug/L | # | 66 |
| 23) Bromochloromethane | 4.98 | 128 | 3127 | 0.512 | ug/L | # | 85 |
| 25) Chloroform | 5.18 | 83 | 12151 | 0.508 | ug/L | | 89 |
| 27) 1,2-Dichloroethane | 6.15 | 62 | 7040 | 0.465 | ug/L | # | 81 |
| 29) 1,1,1-Trichloroethane | 5.46 | 97 | 10551 | 0.474 | ug/L | # | 93 |
| 30) Cyclohexane | 5.55 | 56 | 8394 | 0.474 | ug/L | | 96 |
| 31) Carbon tetrachloride | 5.75 | 117 | 9789 | 0.477 | ug/L | | 99 |
| 33) Benzene | 6.12 | 78 | 20789 | 0.461 | ug/L | | 100 |
| 34) Trichloroethene | 7.19 | 95 | 6378 | 0.489 | ug/L | # | 89 |
| 35) Methylcyclohexane | 7.44 | 83 | 8369 | 0.461 | ug/L | | 96 |
| 37) 1,2-Dichloropropane | 7.49 | 63 | 6223 | 0.517 | ug/L | # | 86 |
| 38) Bromodichloromethane | 7.88 | 83 | 7781 | 0.479 | ug/L | | 86 |
| 39) cis-1,3-Dichloropropene | 8.42 | 75 | 7947 | 0.466 | ug/L | | 97 |
| 40) 4-Methyl-2-pentanone | 8.62 | 43 | 29025 | 4.353 | ug/L | | 99 |
| 42) Toluene | 8.77 | 91 | 22149 | 0.455 | ug/L | | 89 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018617.D
Acq On : 28 Sep 2020 13:28
Operator : JC/SP
Sample : VSTD0.563
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTD0.563

Quant Time: Sep 29 00:17:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 00:09:07 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 43) 1,3,5-Trimethylbenzene | 11.49 | 105 | 16086 | 0.378 | ug/L | | 98 |
| 44) 1,2,4-Trimethylbenzene | 11.79 | 105 | 15924 | 0.374 | ug/L | | 99 |
| 46) trans-1,3-Dichloropropene | 9.02 | 75 | 7245 | 0.466 | ug/L | | 94 |
| 47) 1,1,2-Trichloroethane | 9.20 | 97 | 4649 | 0.538 | ug/L | | 89 |
| 49) Tetrachloroethene | 9.32 | 164 | 4843 | 0.471 | ug/L | | 90 |
| 50) 2-Hexanone | 9.48 | 43 | 19093 | 4.045 | ug/L | | 97 |
| 51) Dibromochloromethane | 9.56 | 129 | 5374 | 0.476 | ug/L | | 93 |
| 52) 1,2-Dibromoethane | 9.65 | 107 | 3805 | 0.473 | ug/L | # | 86 |
| 53) Chlorobenzene | 10.12 | 112 | 15243 | 0.474 | ug/L | # | 87 |
| 54) Ethylbenzene | 10.24 | 91 | 23019 | 0.434 | ug/L | | 98 |
| 55) m,p-xylene | 10.34 | 106 | 8970 | 0.442 | ug/L | | 91 |
| 56) o-xylene | 10.68 | 106 | 7961 | 0.415 | ug/L | | 98 |
| 57) Styrene | 10.70 | 104 | 12421 | 0.393 | ug/L | | 95 |
| 58) Isopropylbenzene | 11.00 | 105 | 20507 | 0.399 | ug/L | | 97 |
| 60) 1,1,2,2-Tetrachloroethane | 11.25 | 83 | 4558 | 0.467 | ug/L | # | 92 |
| 62) Bromoform | 10.85 | 173 | 2610 | 0.430 | ug/L | # | 79 |
| 63) 1,3-Dichlorobenzene | 12.01 | 146 | 11458 | 0.462 | ug/L | | 92 |
| 64) 1,4-Dichlorobenzene | 12.08 | 146 | 11952 | 0.477 | ug/L | | 92 |
| 66) 1,2-Dichlorobenzene | 12.38 | 146 | 10935 | 0.473 | ug/L | # | 80 |
| 67) 1,2-Dibromo-3-chloropropan | 12.98 | 75 | 995 | 0.507 | ug/L | | 94 |
| 68) 1,3,5-Trichlorobenzene | 13.15 | 180 | 8696 | 0.467 | ug/L | | 97 |
| 69) 1,2,4-trichlorobenzene | 13.63 | 180 | 6707 | 0.440 | ug/L | | 93 |
| 70) Naphthalene | 13.82 | 128 | 11267 | 0.437 | ug/L | # | 95 |
| 71) 1,2,3-Trichlorobenzene | 14.00 | 180 | 6045 | 0.438 | ug/L | | 96 |

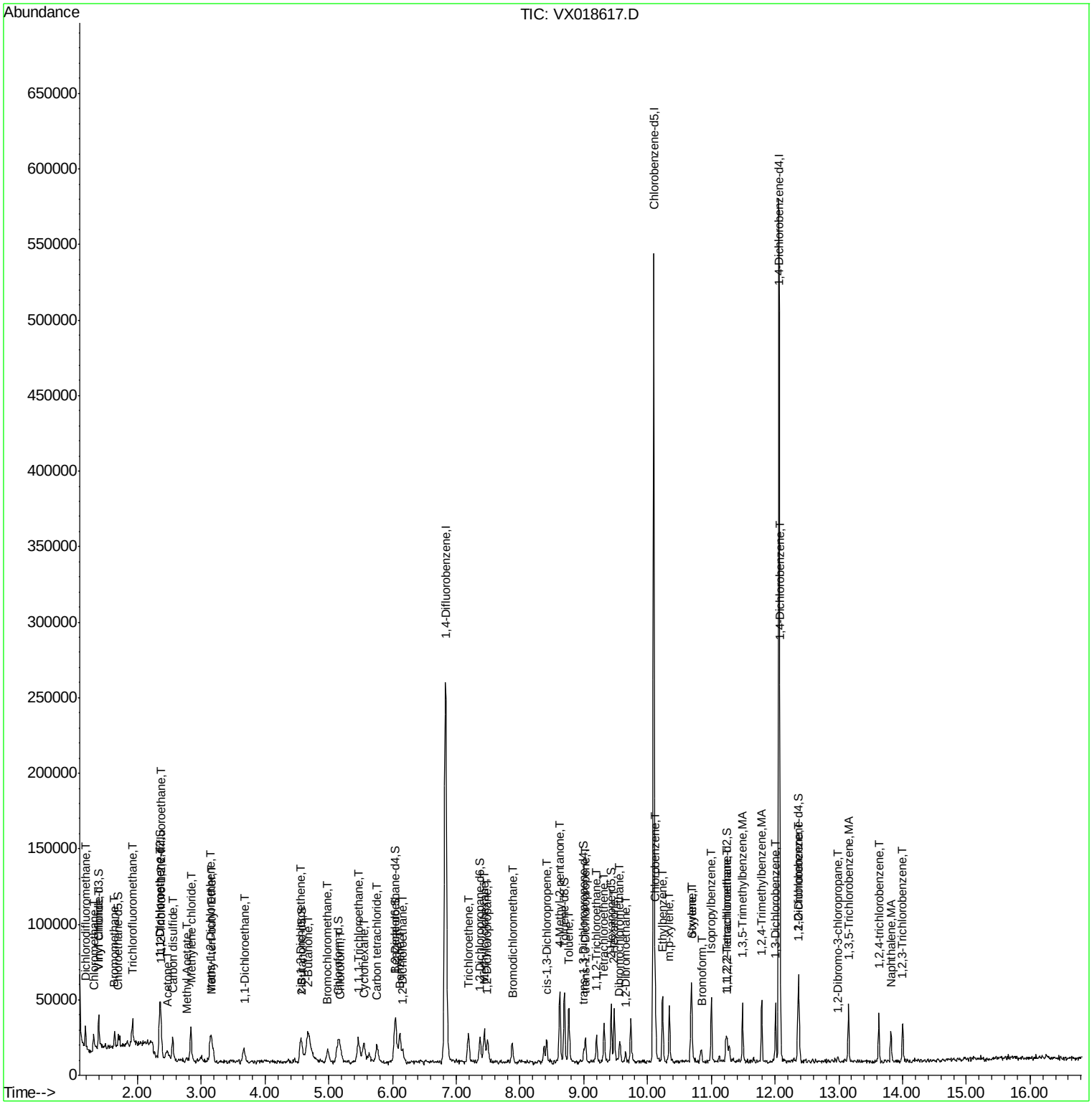
(#) = qualifier out of range (m) = manual integration (+) = signals summed

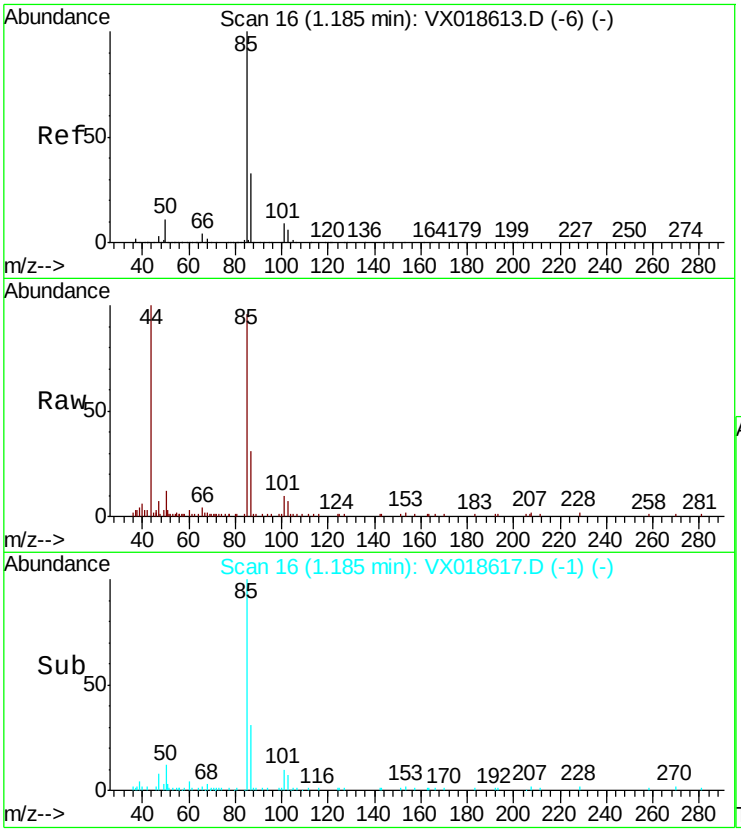
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018617.D
Acq On : 28 Sep 2020 13:28
Operator : JC/SP
Sample : VSTD0.563
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTD0.563

Quant Time: Sep 29 00:17:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 00:09:07 2020
Response via : Initial Calibration



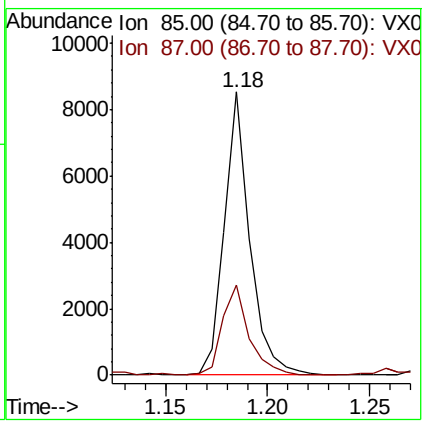


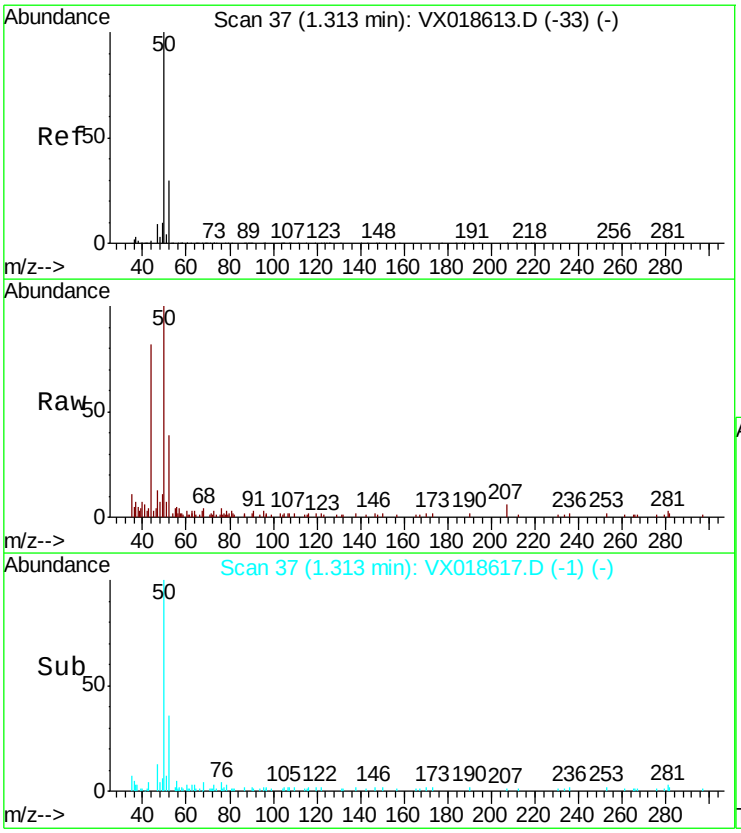

#2
Dichlorodifluoromethane
Concen: 0.486 ug/L
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD0.563

Tgt Ion: 85 Resp: 7350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.4 | 26.1 | 39.1 |

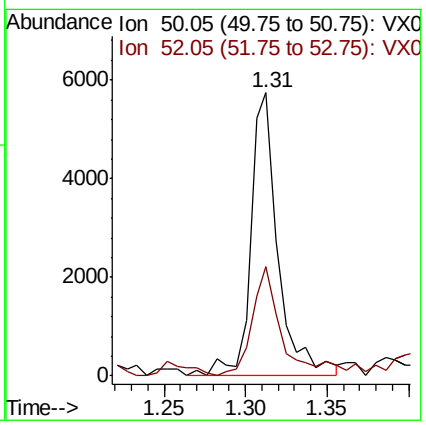


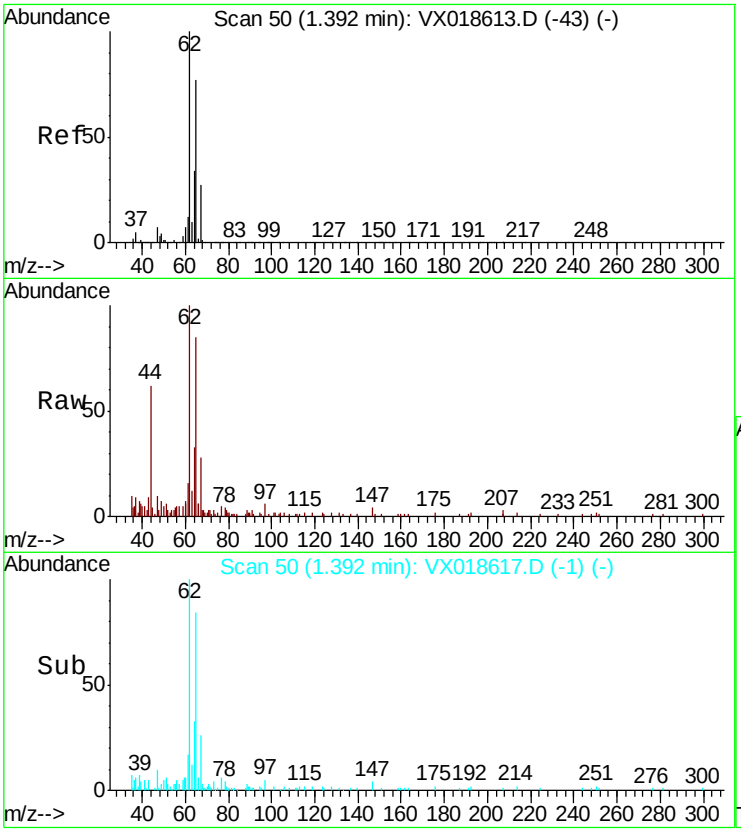




#3
Chloromethane
Concen: 0.523 ug/L
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 50 Resp: 6756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 38.5 | 21.2 | 39.4 |



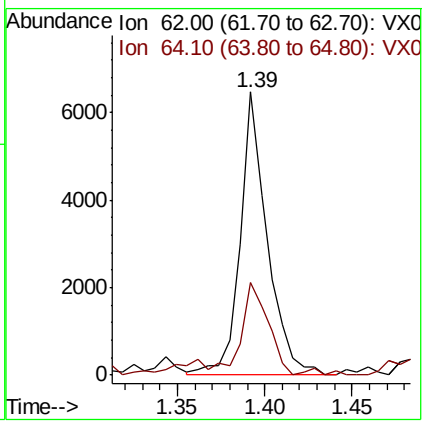


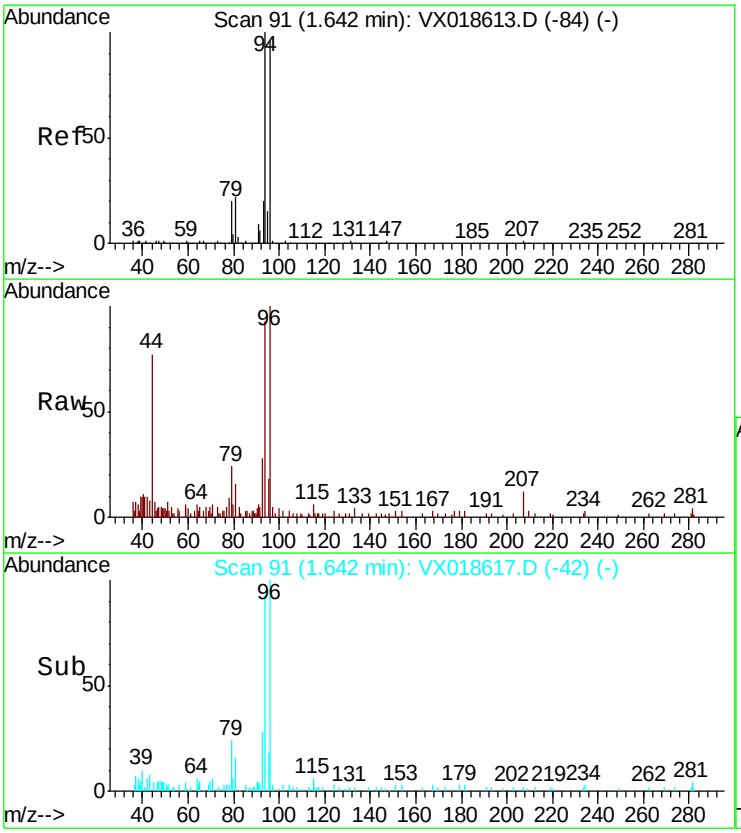

#5
Vinyl chloride
Concen: 0.515 ug/L
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD0.563

Tgt Ion: 62 Resp: 6970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.6 | 23.6 | 43.8 |

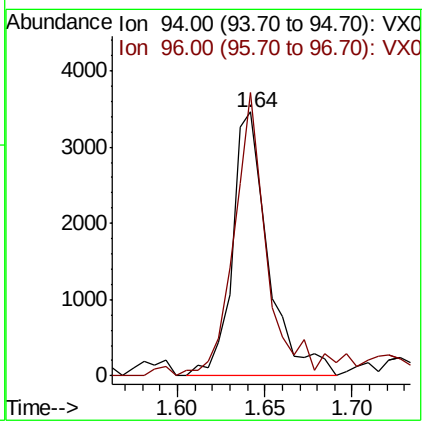


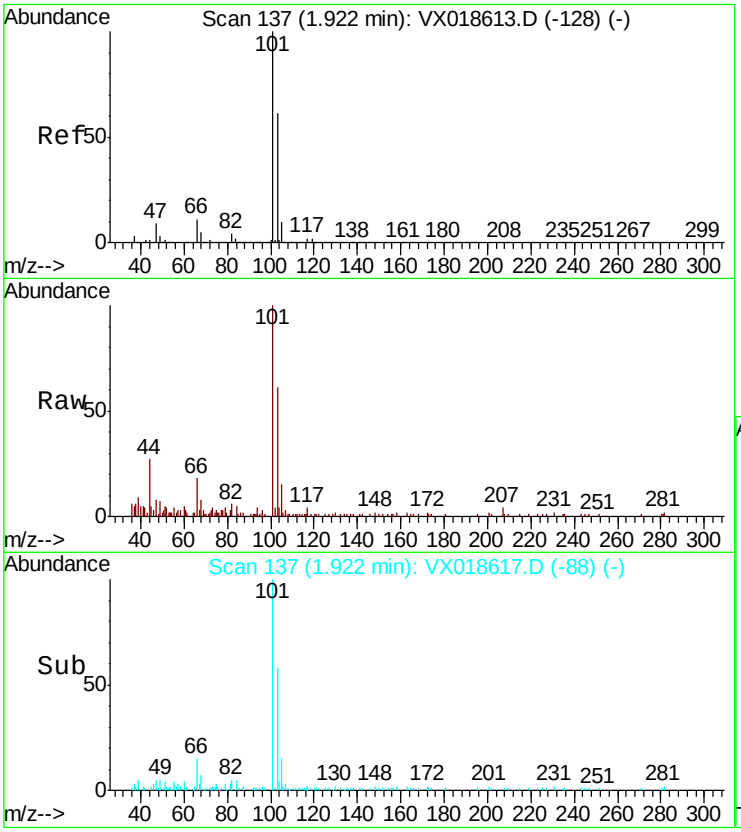




#6
Bromomethane
Concen: 0.609 ug/L
RT: 1.64 min Scan# 91
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 94 Resp: 4926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 107.3 | 67.8 | 125.8 |



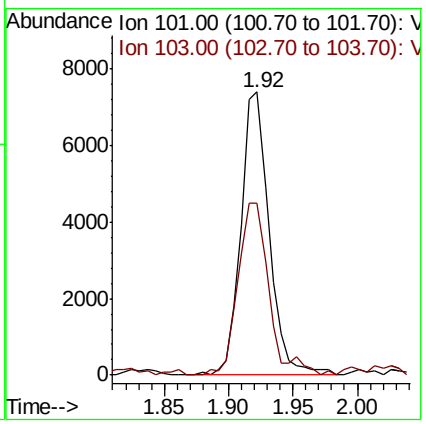


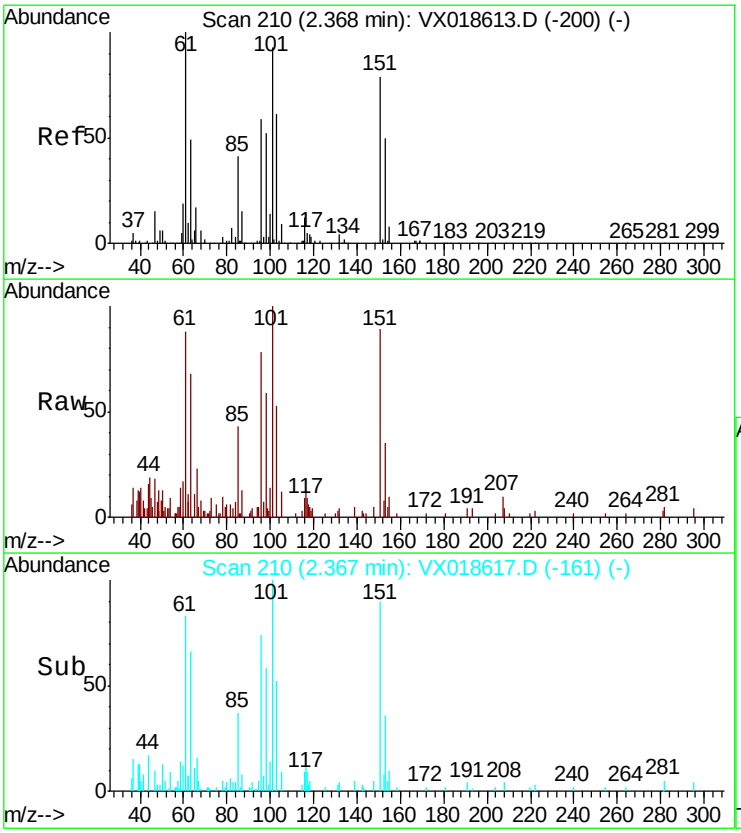

#9
Trichlorofluoromethane
Concen: 0.476 ug/L
RT: 1.92 min Scan# 137
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD0.563

Tgt Ion:101 Resp: 11166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 63.6 | 49.8 | 74.6 |

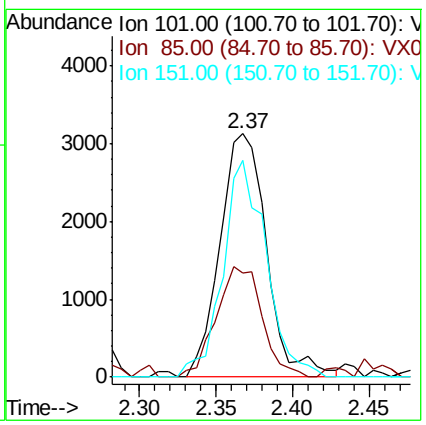


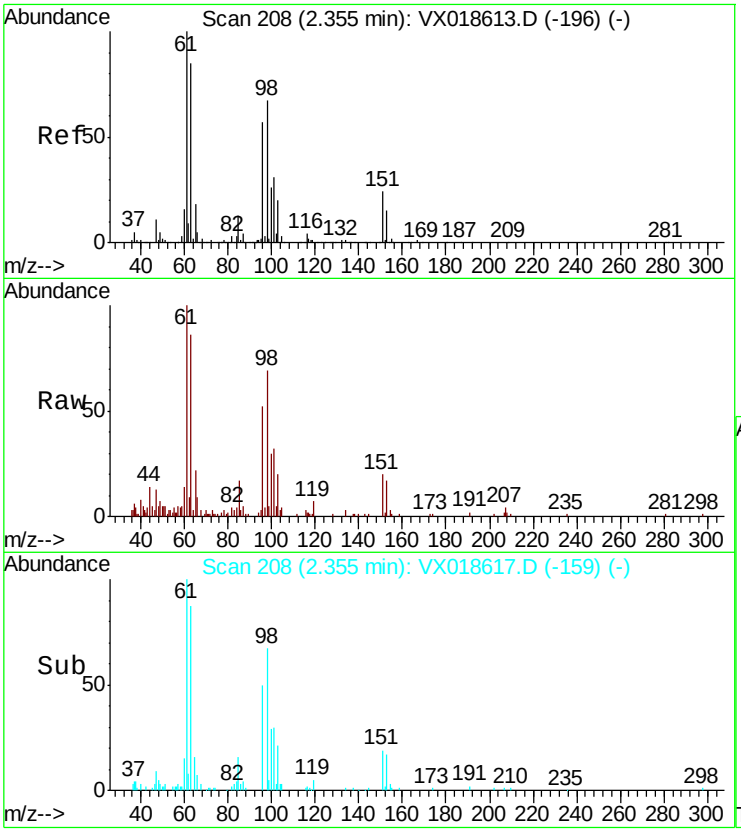




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.516 ug/L
RT: 2.37 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion:101 Resp: 6643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.5 | 36.1 | 54.1 |
| 151 | 82.3 | 65.5 | 98.3 |



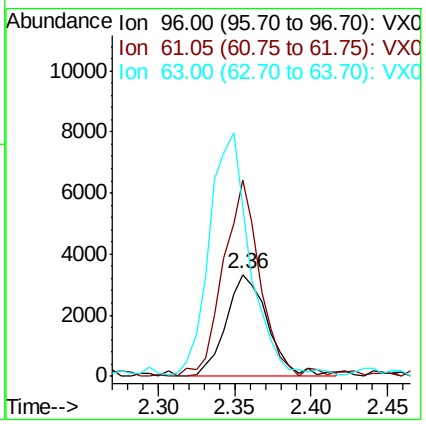


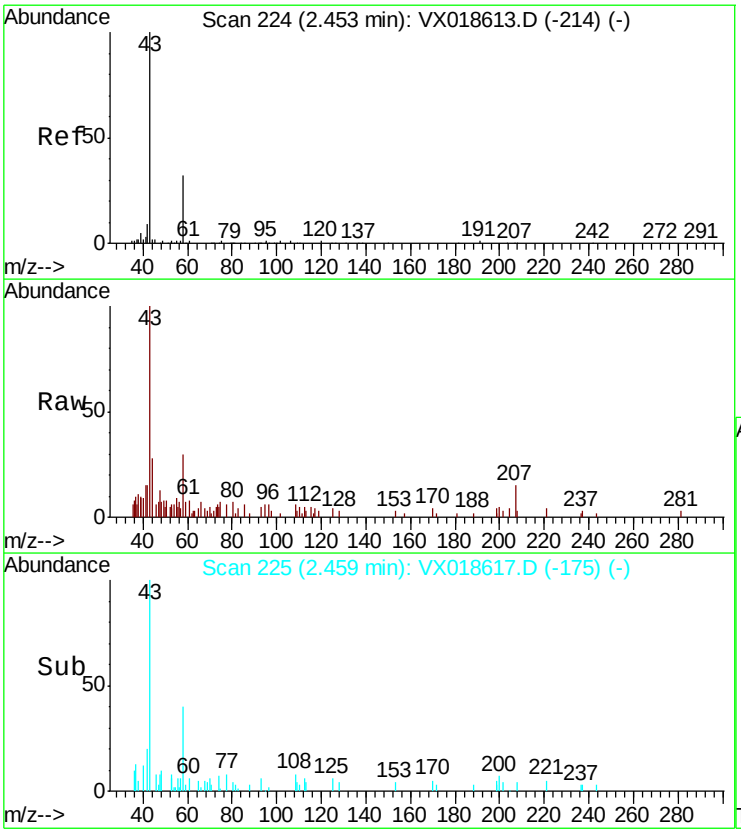

#12
1,1-Dichloroethene
Concen: 0.521 ug/L
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD0.563

Tgt Ion: 96 Resp: 6360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 192.9 | 123.8 | 229.8 |
| 63 | 165.5 | 104.7 | 194.4 |

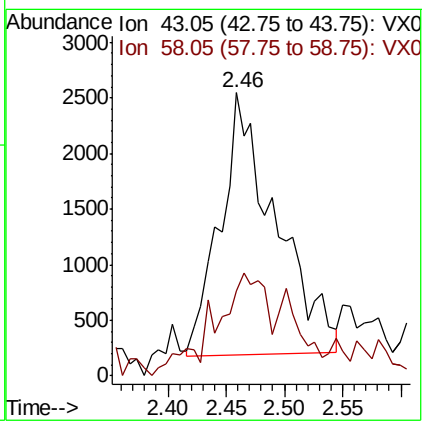


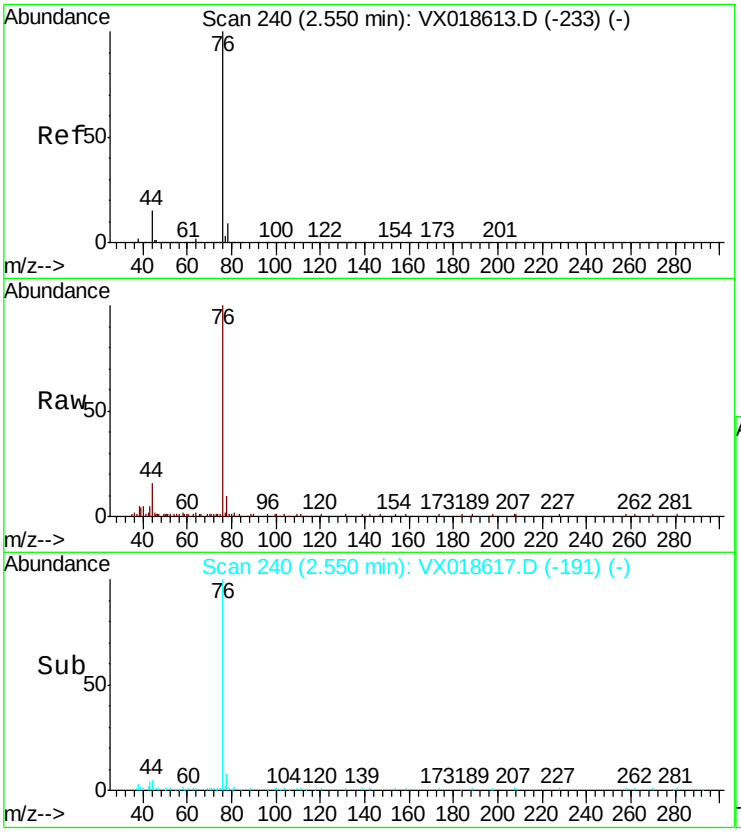




#13
Acetone
Concen: 4.237 ug/L
RT: 2.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 43 Resp: 7825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.7 | 0.0 | 61.6 |



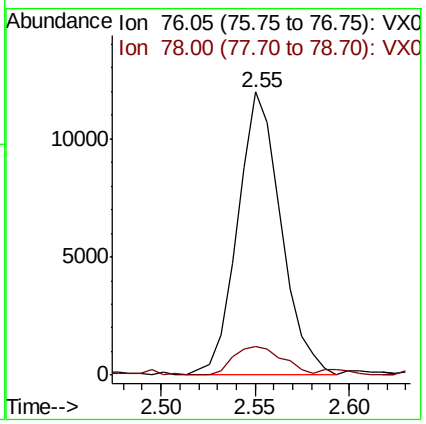


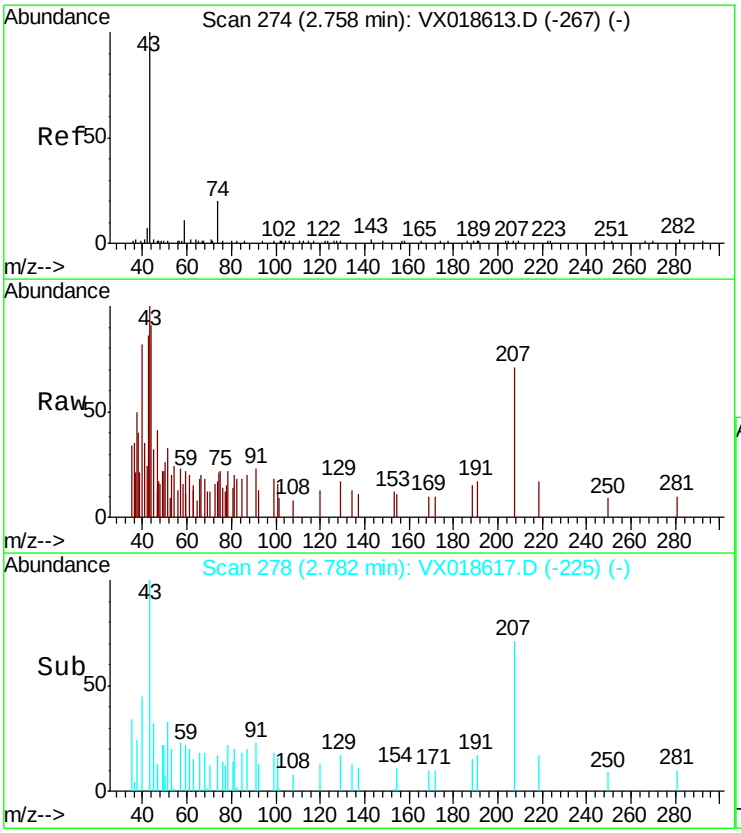

#14
Carbon disulfide
Concen: 0.515 ug/L
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD0.563

Tgt Ion: 76 Resp: 19102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 10.2 | 7.4 | 11.0 |

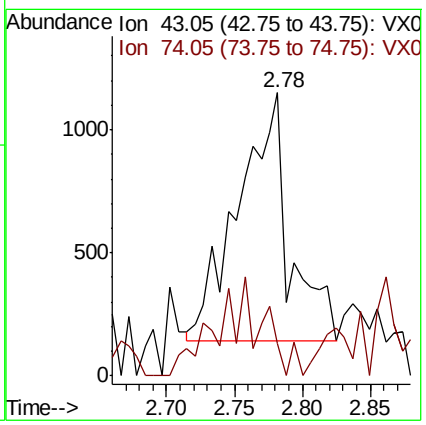


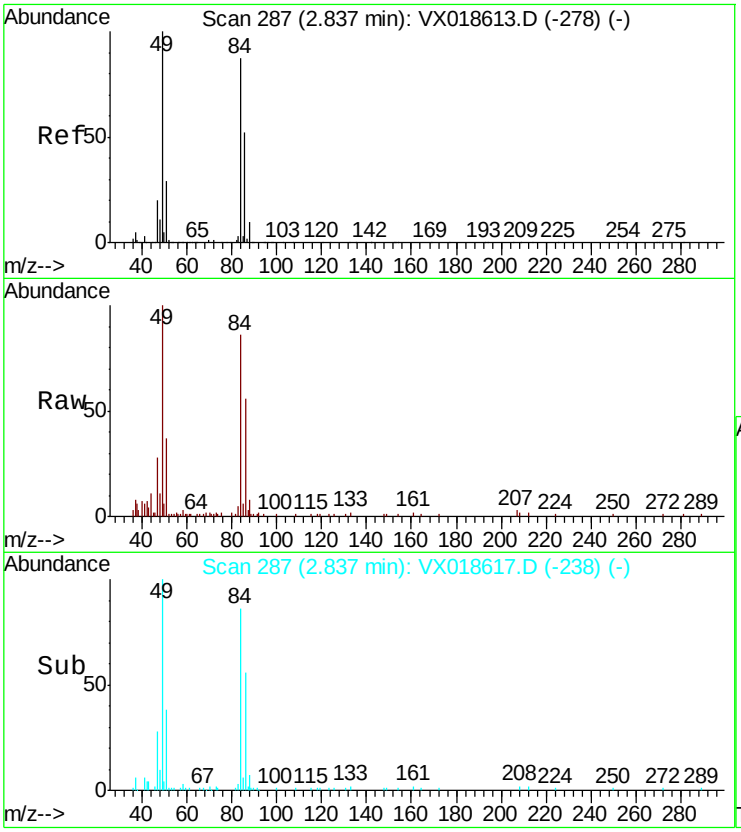




#15
Methyl Acetate
Concen: 0.519 ug/L
RT: 2.78 min Scan# 278
Delta R.T. 0.02 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 43 Resp: 2654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 17.6 | 21.2 | 31.8# |



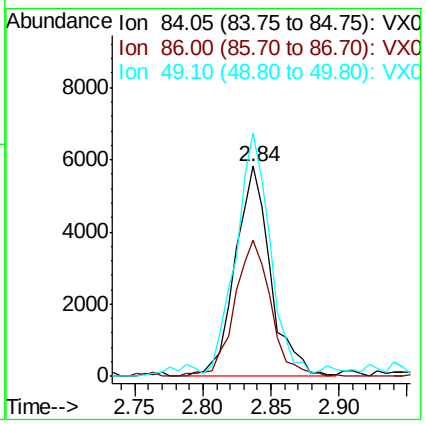


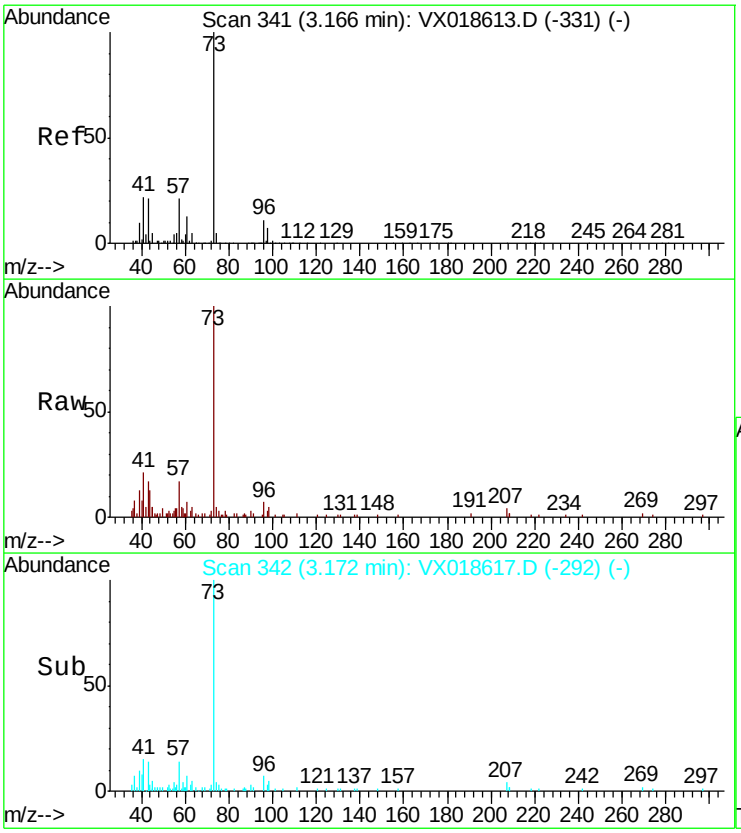

#16
Methylene chloride
Concen: 0.633 ug/L
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :** MSVOA_X
**ClientSampleId :** VSTD0.563

Tgt Ion: 84 Resp: 10552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 64.6 | 41.9 | 77.7 |
| 49 | 115.9 | 80.8 | 150.2 |

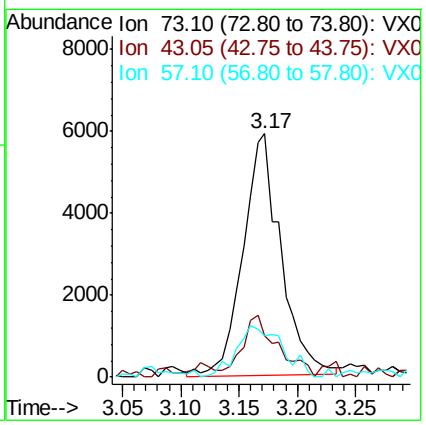


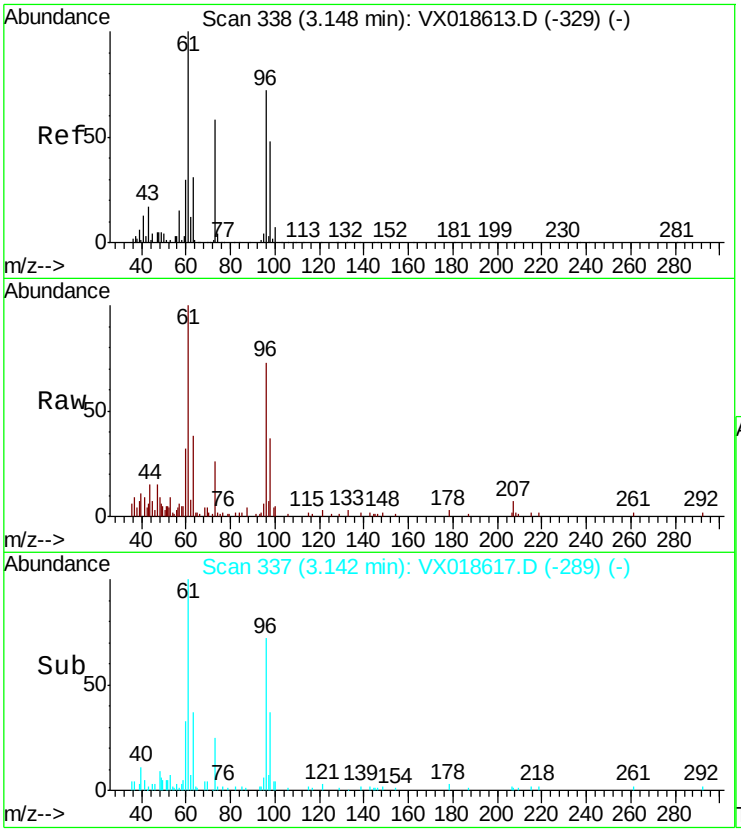




#17
Methyl tert-butyl Ether
Concen: 0.490 ug/L
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 73 Resp: 13308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 23.7 | 18.6 | 27.8 |
| 57 | 25.8 | 17.3 | 25.9 |



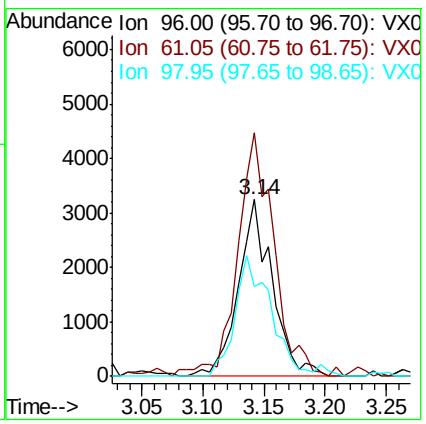


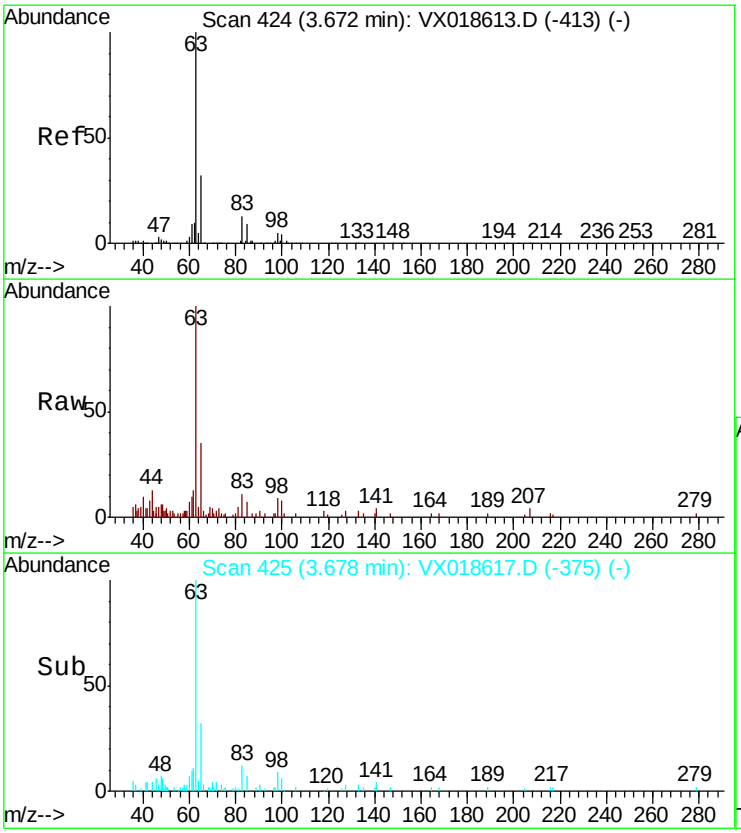

#18
trans-1,2-Dichloroethene
Concen: 0.513 ug/L
RT: 3.14 min Scan# 337
Delta R.T. -0.01 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD0.563

Tgt Ion: 96 Resp: 6256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 137.8 | 97.3 | 180.7 |
| 98 | 51.0 | 46.6 | 86.6 |

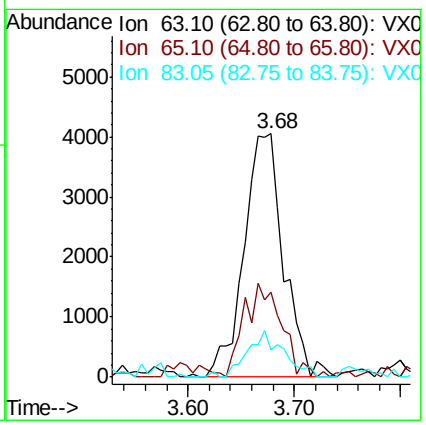


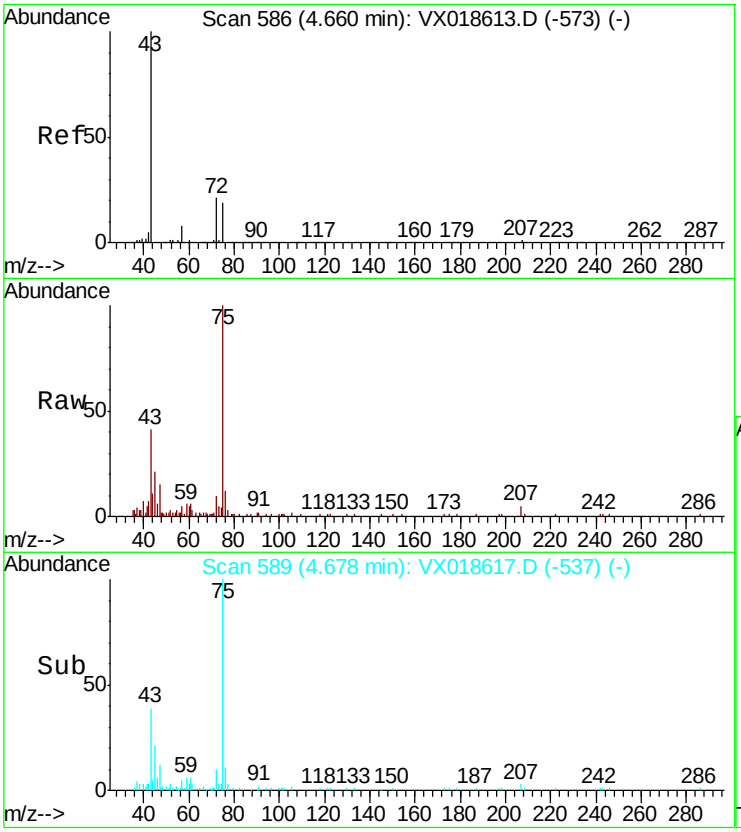




#19
1,1-Dichloroethane
Concen: 0.485 ug/L
RT: 3.68 min Scan# 425
Delta R.T. 0.01 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 63 Resp: 10604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 34.7 | 22.7 | 42.1 |
| 83 | 11.1 | 9.3 | 17.3 |



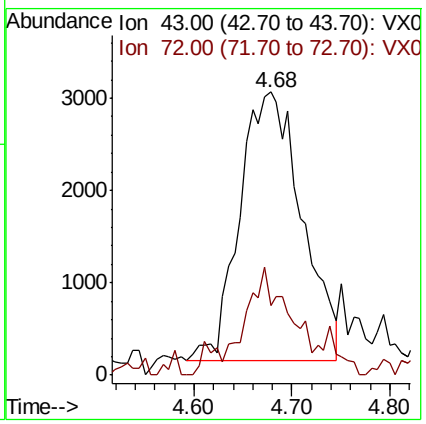


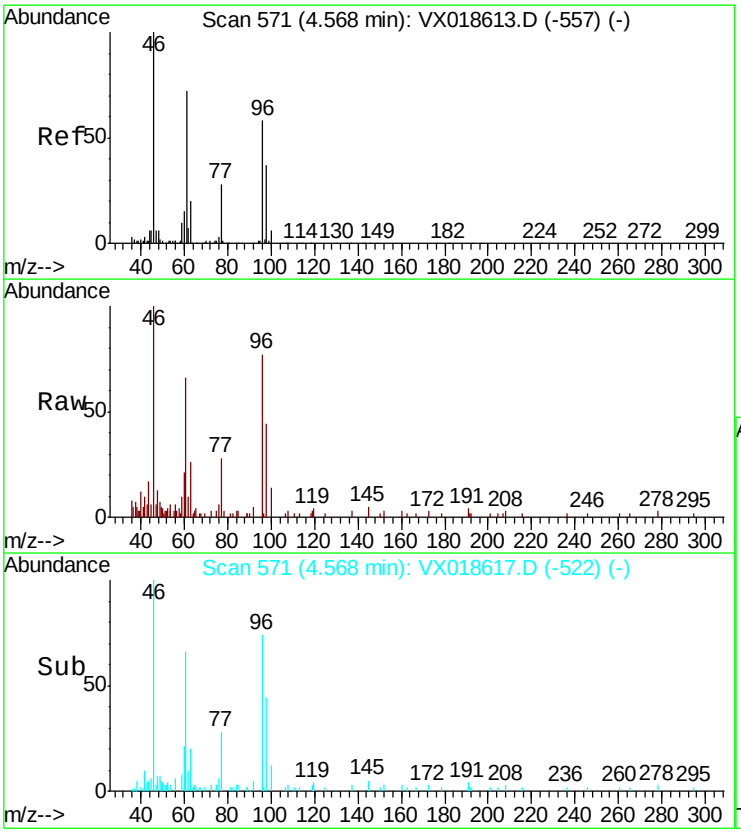

#21
2-Butanone
Concen: 4.415 ug/L
RT: 4.68 min Scan# 589
Delta R.T. 0.02 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :** MSVOA_X
**ClientSampleId :** VSTD0.563

Tgt Ion: 43 Resp: 12942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.2 | 5.2 | 15.6# |

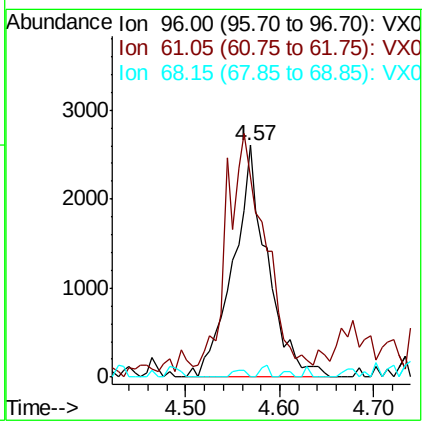


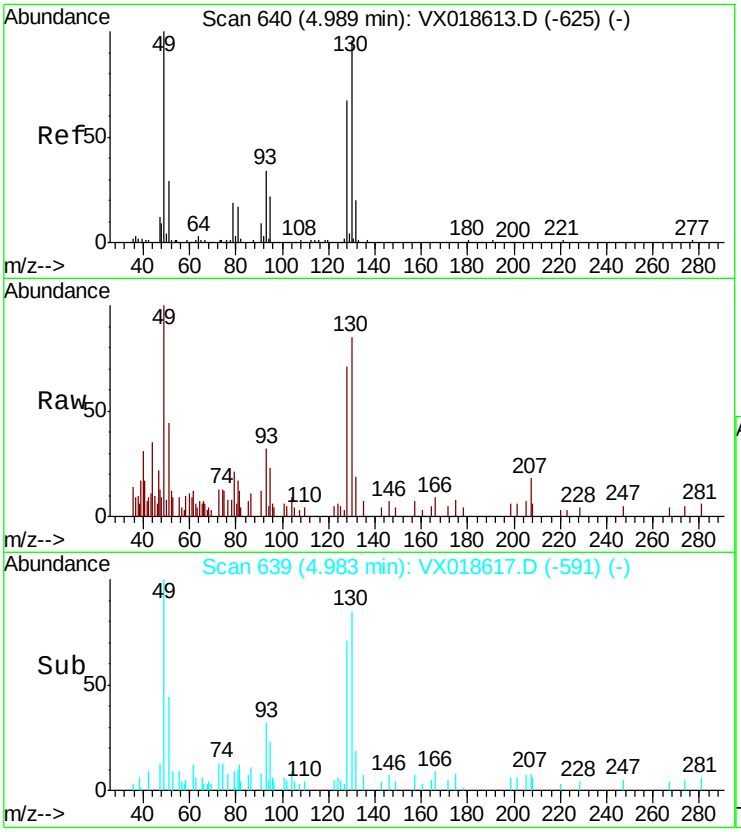




#22
cis-1,2-Dichloroethene
Concen: 0.517 ug/L
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 96 Resp: 6580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 86.3 | 87.7 | 162.9# |
| 68 | 0.0 | 0.3 | 0.7# |



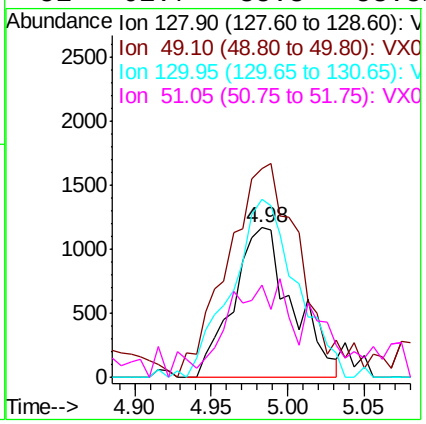


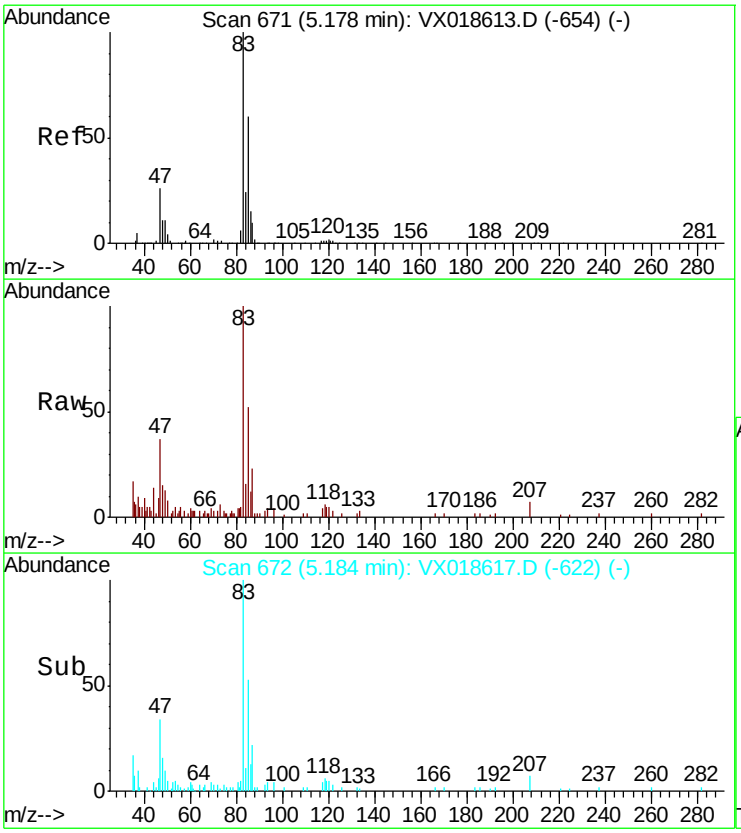

#23
Bromochloromethane
Concen: 0.512 ug/L
RT: 4.98 min Scan# 639
Delta R.T. -0.01 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD0.563

Tgt Ion:128 Resp: 3127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 140.0 | 105.2 | 195.4 |
| 130 | 119.2 | 100.6 | 186.8 |
| 51 | 61.7 | 35.8 | 53.8# |

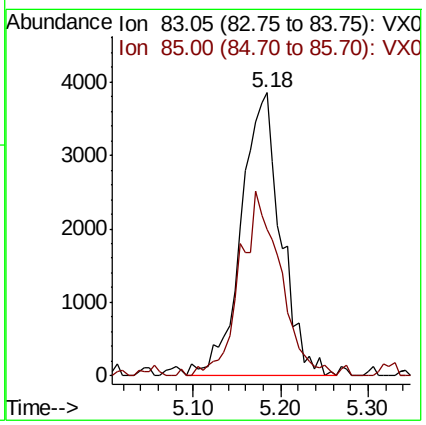


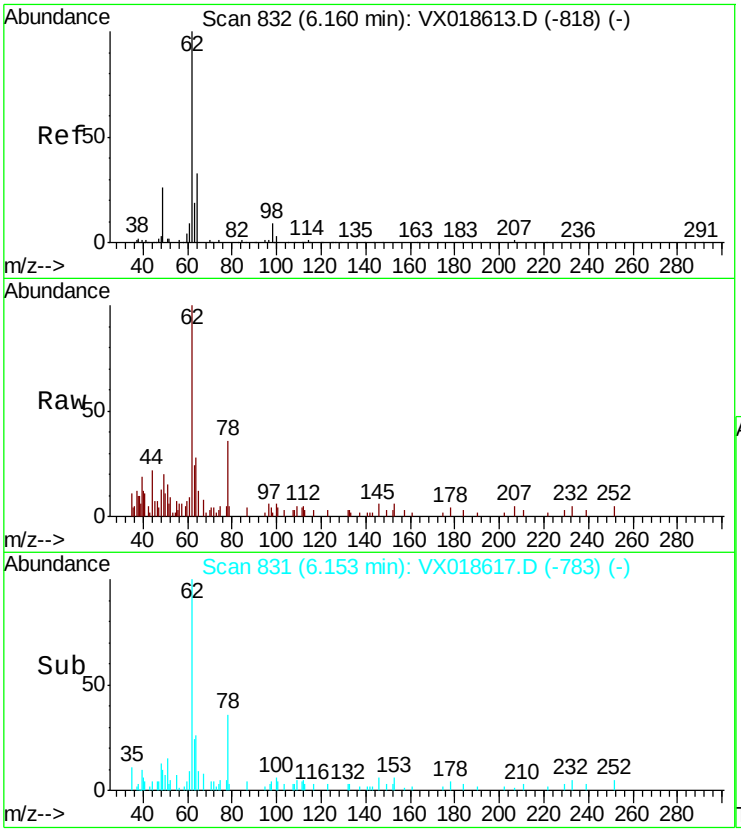




#25
Chloroform
Concen: 0.508 ug/L
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 83 Resp: 12151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 51.7 | 41.8 | 77.6 |



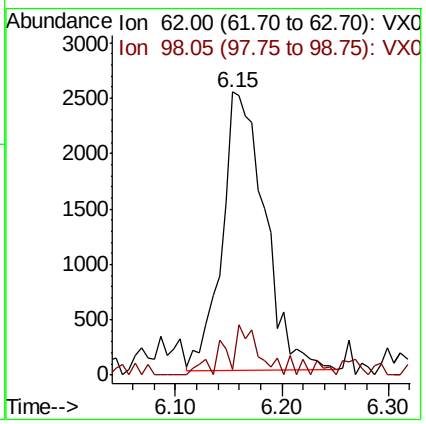


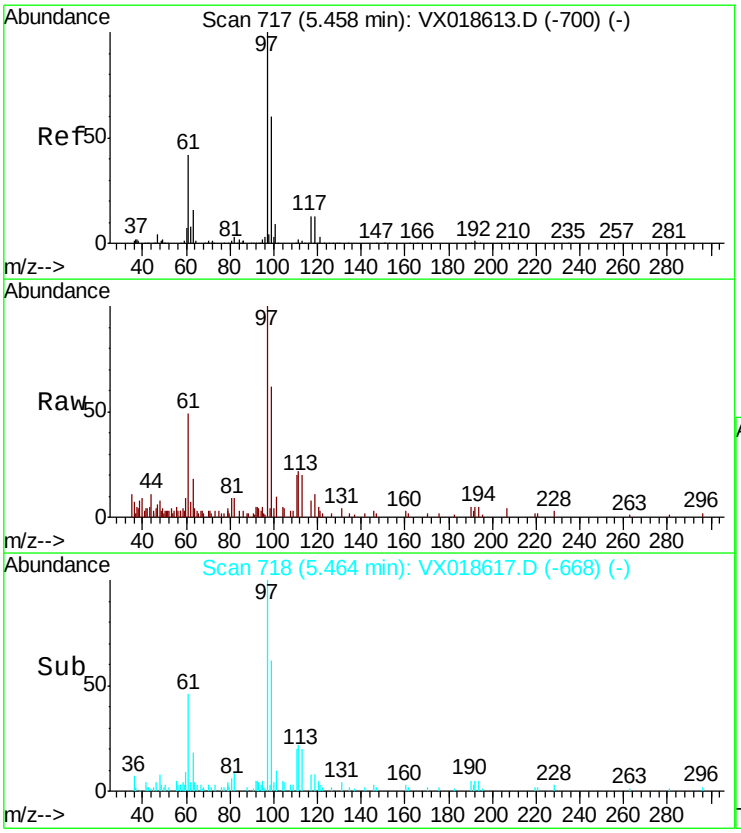

#27
1,2-Dichloroethane
Concen: 0.465 ug/L
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD0.563

Tgt Ion: 62 Resp: 7040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 2.0 | 7.0 | 10.4# |

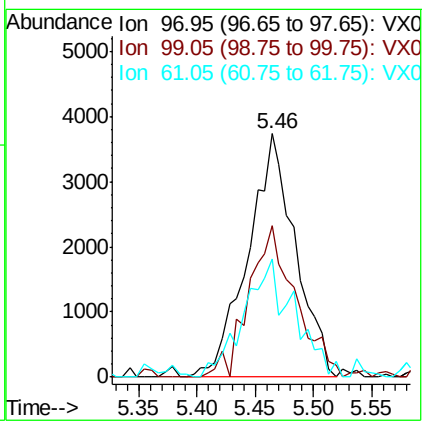


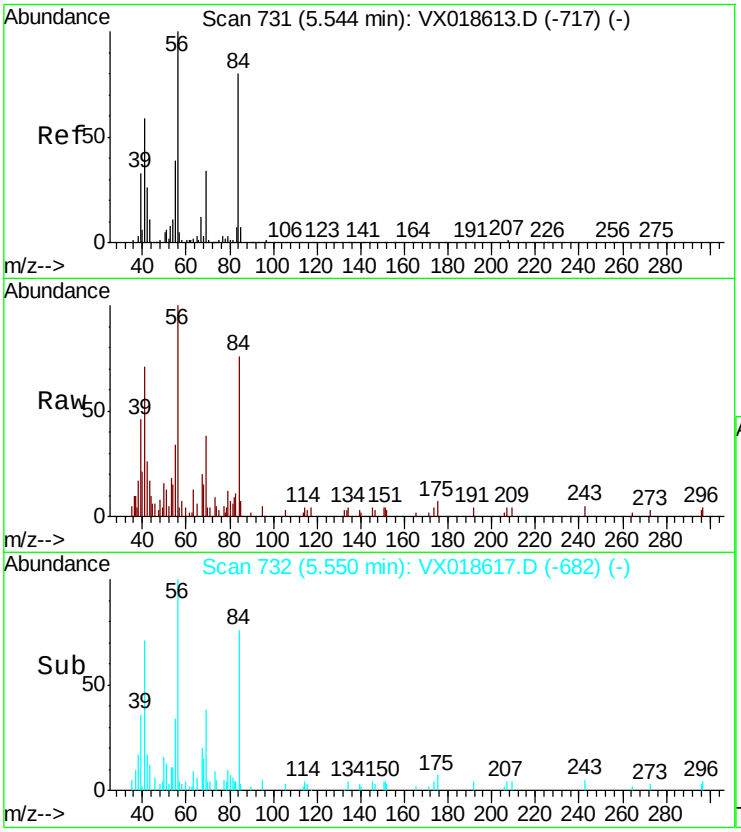




#29
1,1,1-Trichloroethane
Concen: 0.474 ug/L
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 97 Resp: 10551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 61.3 | 50.0 | 75.0 |
| 61 | 51.2 | 33.9 | 50.9# |



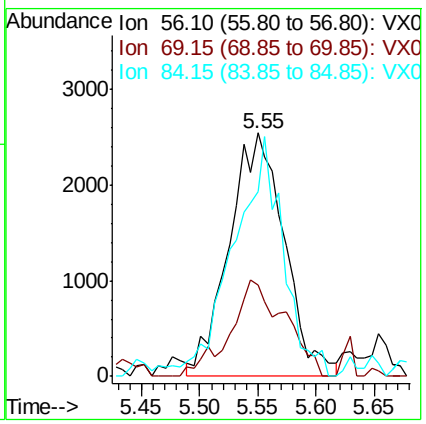


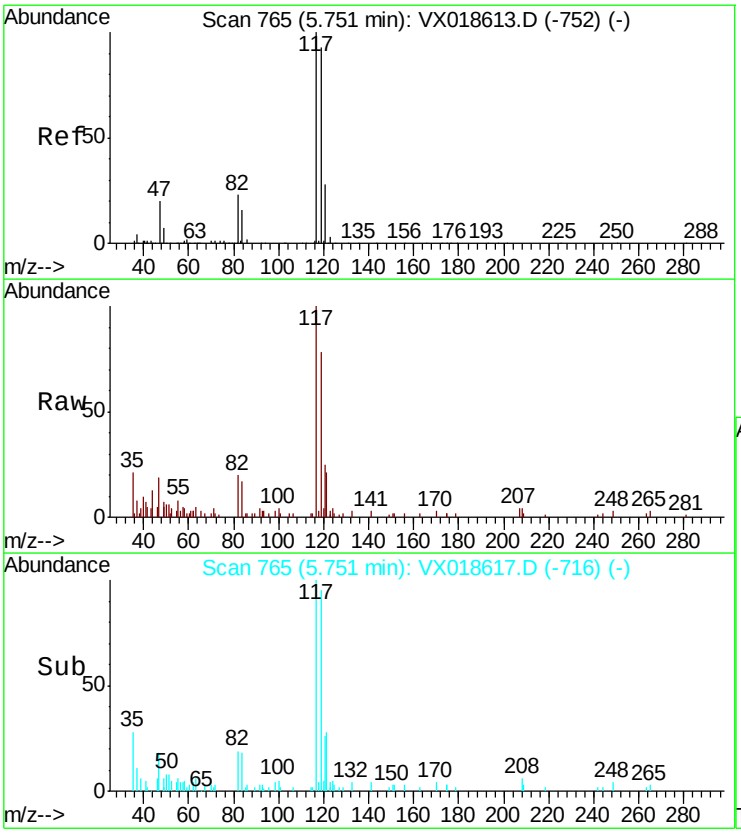

#30
Cyclohexane
Concen: 0.474 ug/L
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :** MSVOA_X
**ClientSampleId :** VSTD0.563

Tgt Ion: 56 Resp: 8394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 39.1 | 26.4 | 39.6 |
| 84 | 88.9 | 72.7 | 109.1 |

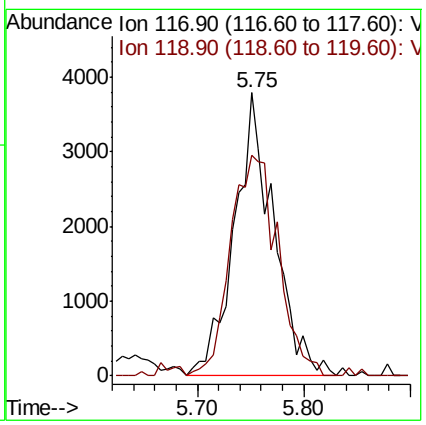


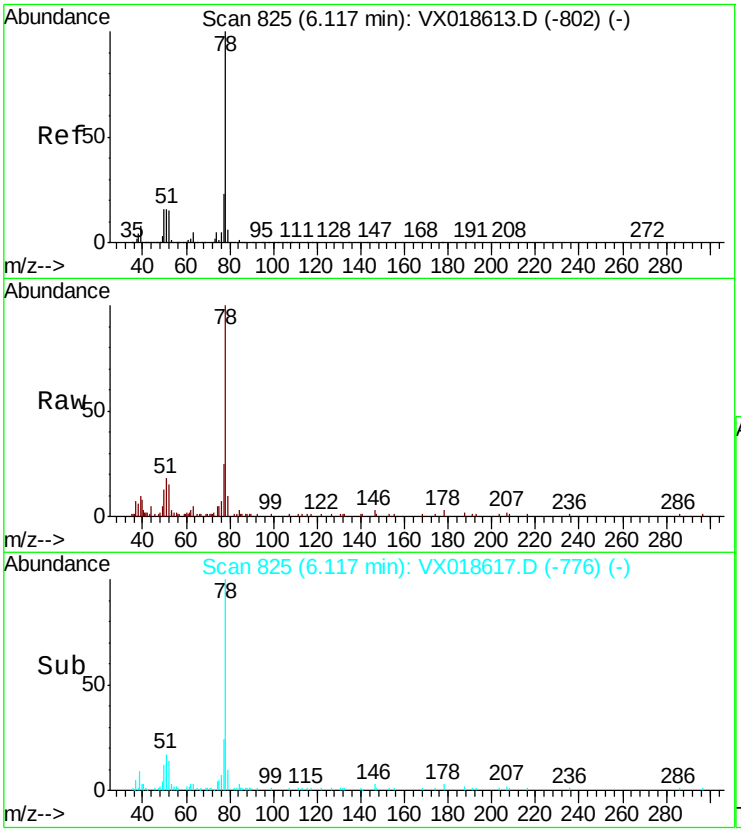




#31
Carbon tetrachloride
Concen: 0.477 ug/L
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion:117 Resp: 9789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.4 | 76.3 | 114.5 |

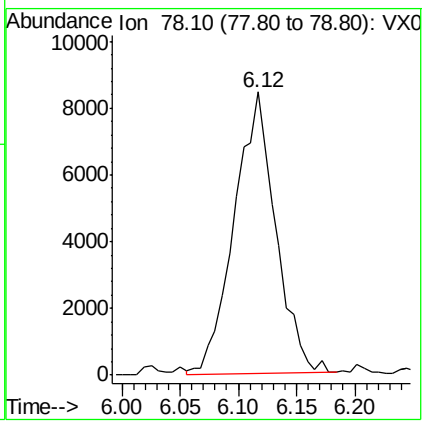


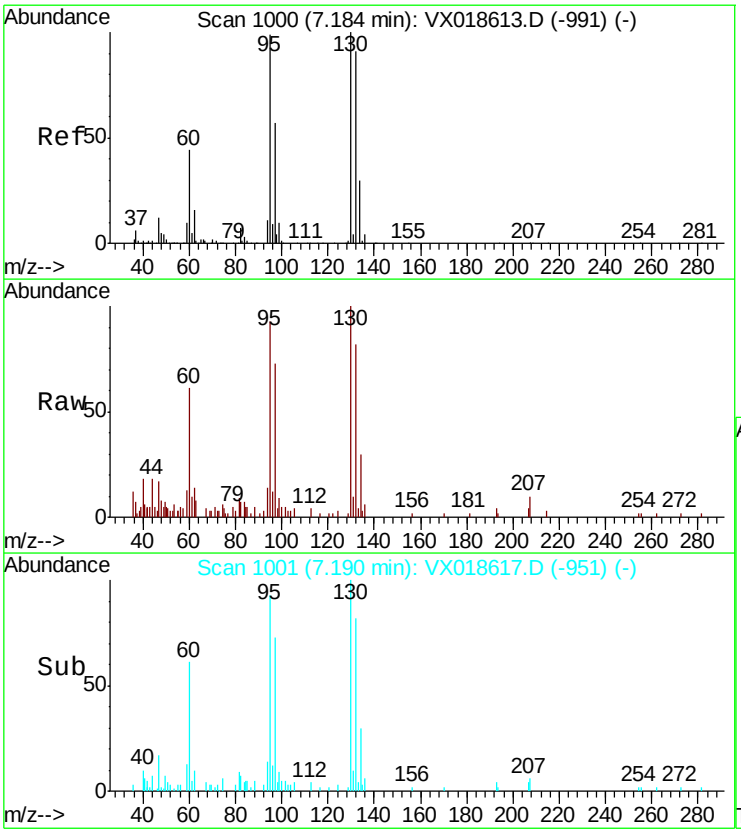



#33
Benzene
Concen: 0.461 ug/L
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD0.563

Tgt Ion: 78 Resp: 20789

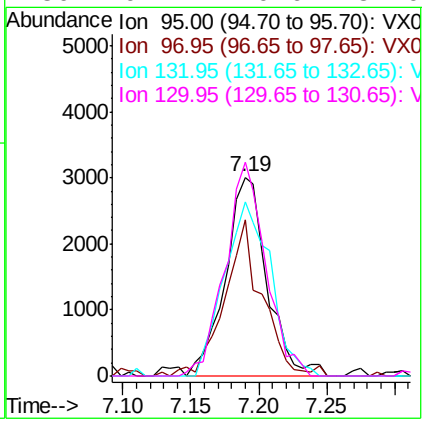


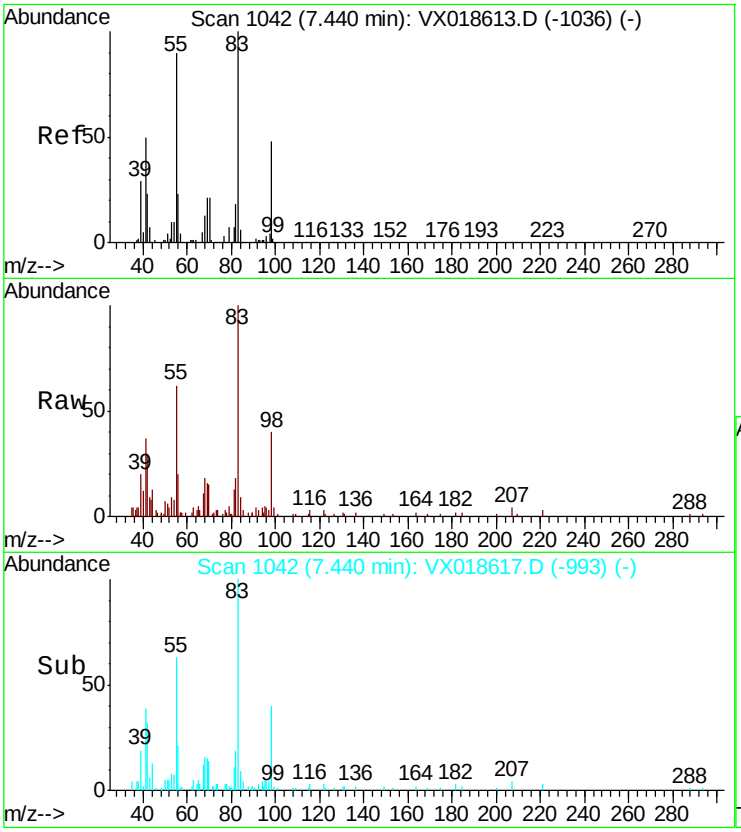




#34
Trichloroethene
Concen: 0.489 ug/L
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 95 Resp: 6378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 78.5 | 40.6 | 75.4# |
| 132 | 87.8 | 64.3 | 119.5 |
| 130 | 107.4 | 70.6 | 131.0 |



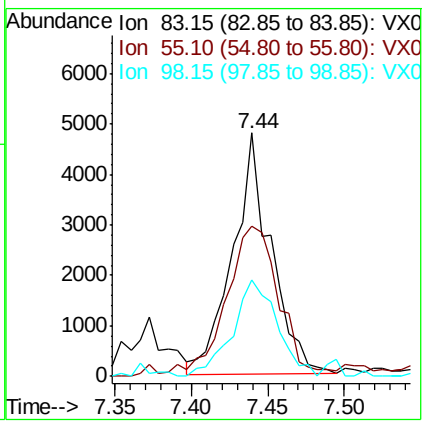


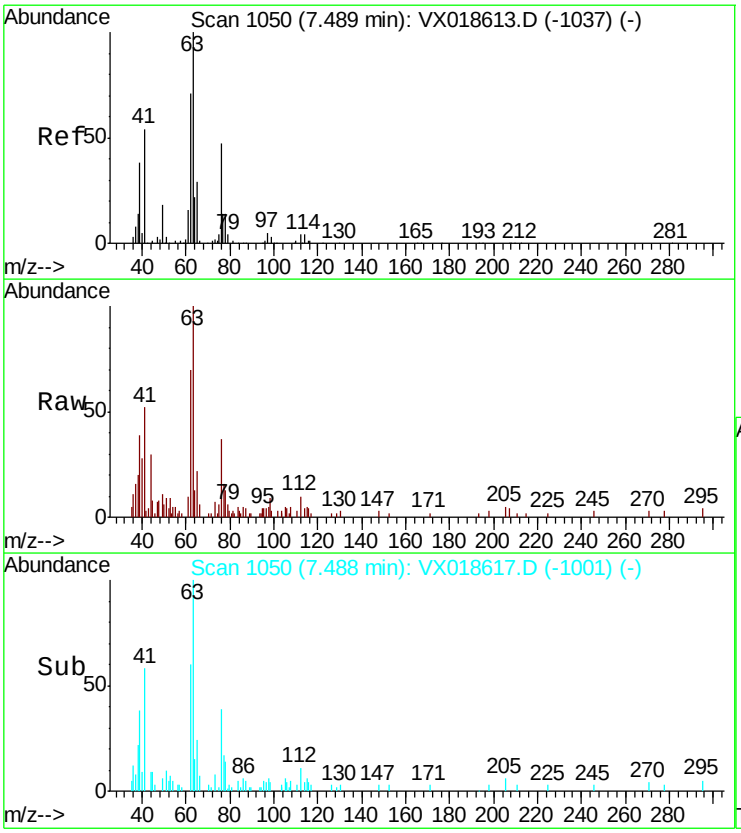

#35
Methylcyclohexane
Concen: 0.461 ug/L
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD0.563

Tgt Ion: 83 Resp: 8369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 85.4 | 67.4 | 101.0 |
| 98 | 46.3 | 41.1 | 61.7 |

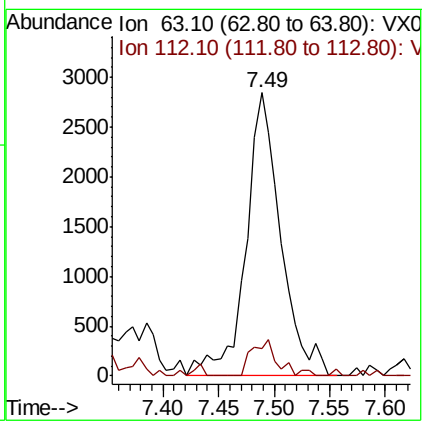


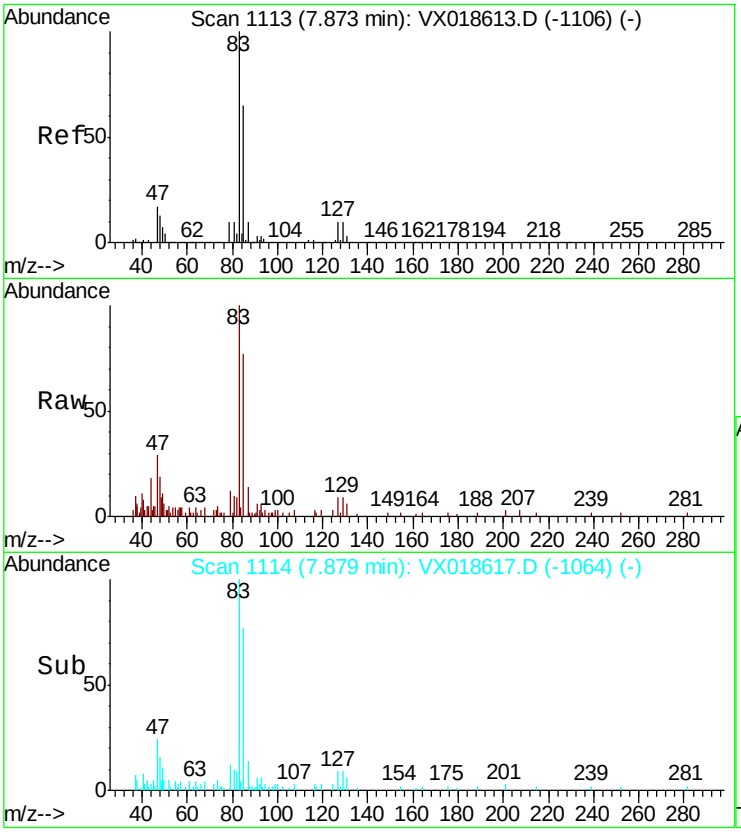




#37
1,2-Dichloropropane
Concen: 0.517 ug/L
RT: 7.49 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 63 Resp: 6223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 9.6 | 4.1 | 6.1# |



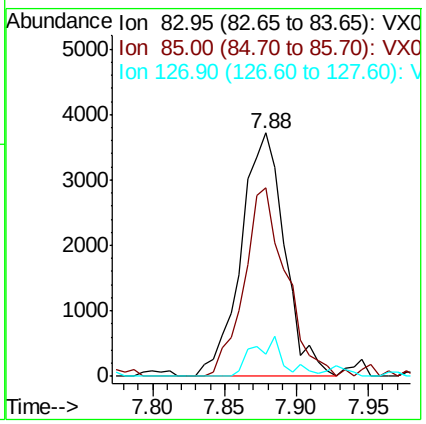


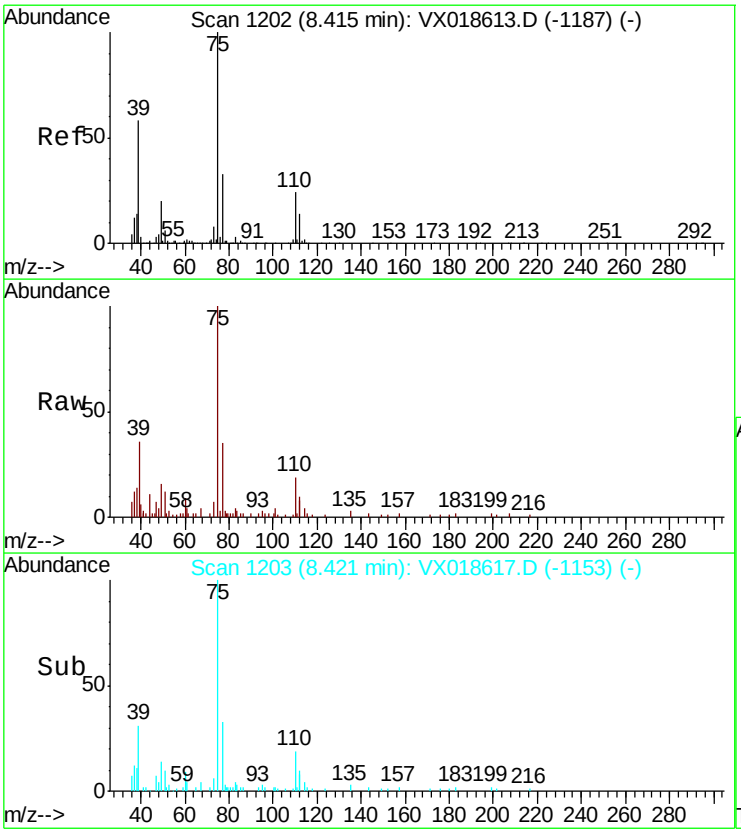

#38
Bromodichloromethane
Concen: 0.479 ug/L
RT: 7.88 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :** MSVOA_X
**ClientSampleId :** VSTD0.563

Tgt Ion: 83 Resp: 7781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 77.4 | 45.2 | 84.0 |
| 127 | 9.2 | 8.2 | 12.2 |

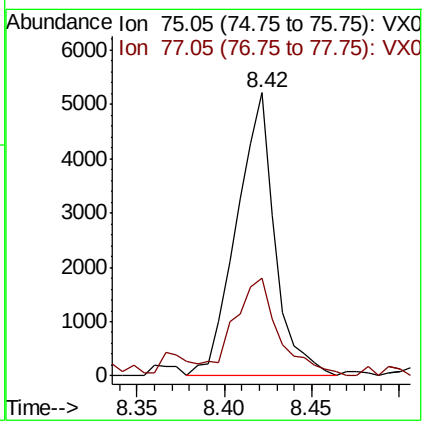


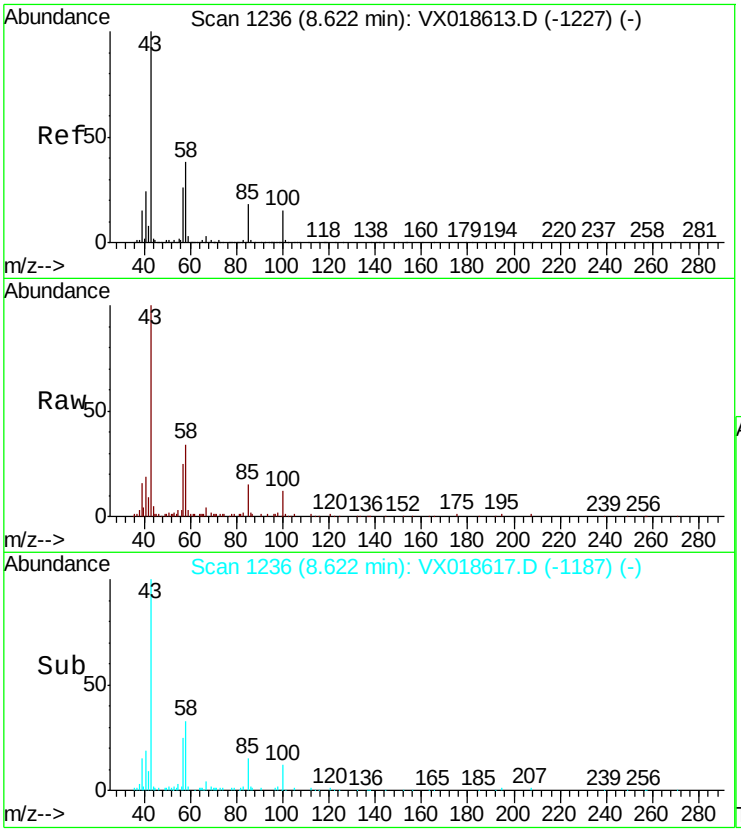




#39
cis-1,3-Dichloropropene
Concen: 0.466 ug/L
RT: 8.42 min Scan# 1203
Delta R.T. 0.01 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 75 Resp: 7947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.7 | 23.0 | 42.8 |



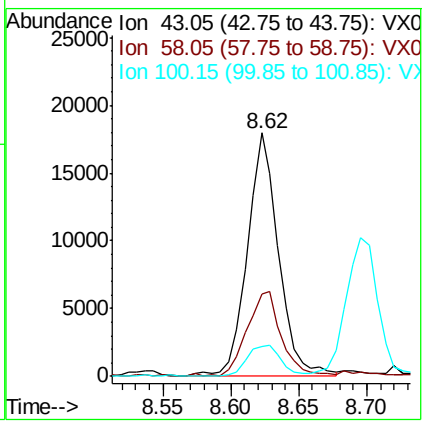


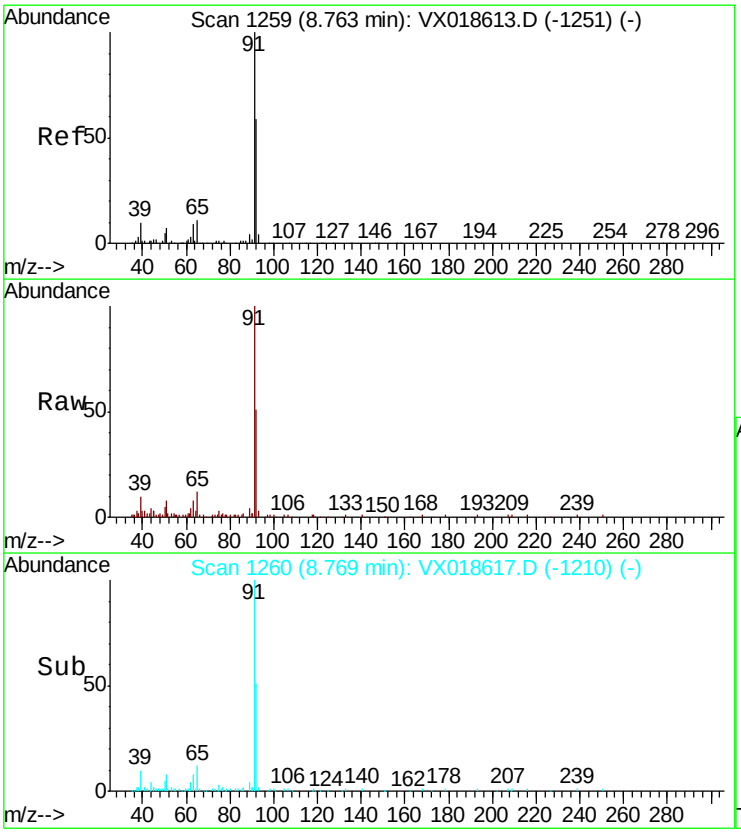

#40
4-Methyl-2-pentanone
Concen: 4.353 ug/L
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD0.563

Tgt Ion: 43 Resp: 29025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.4 | 30.2 | 45.4 |
| 100 | 14.2 | 11.8 | 17.8 |

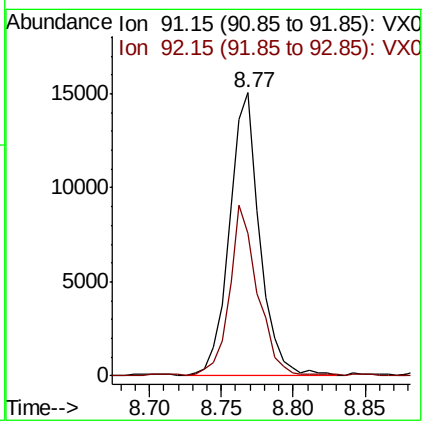


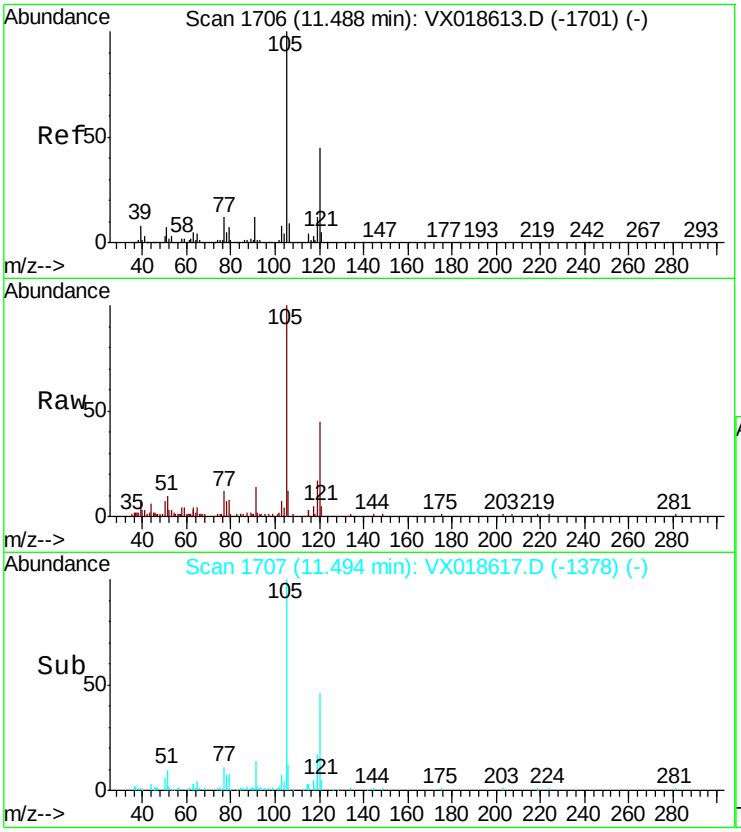




#42
Toluene
Concen: 0.455 ug/L
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 91 Resp: 22149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 50.6 | 41.1 | 76.3 |



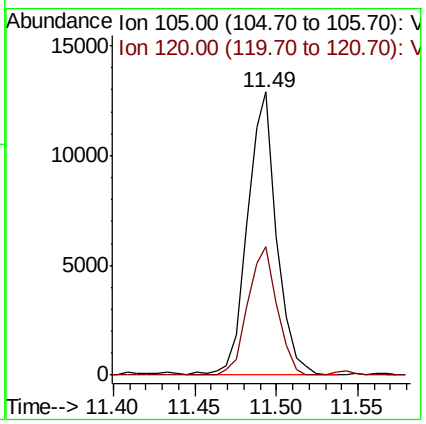


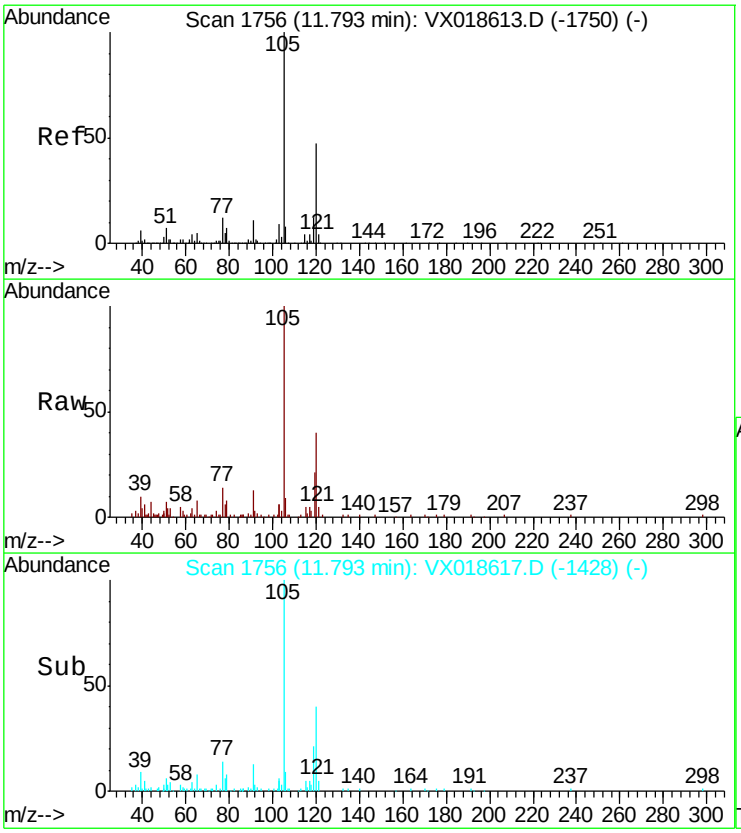

#43
1,3,5-Trimethylbenzene
Concen: 0.378 ug/L
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD0.563

Tgt Ion:105 Resp: 16086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.1 | 37.2 | 55.8 |

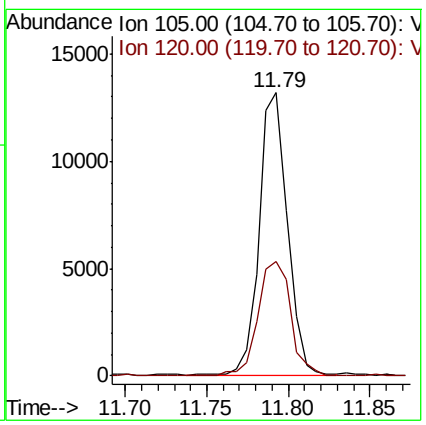


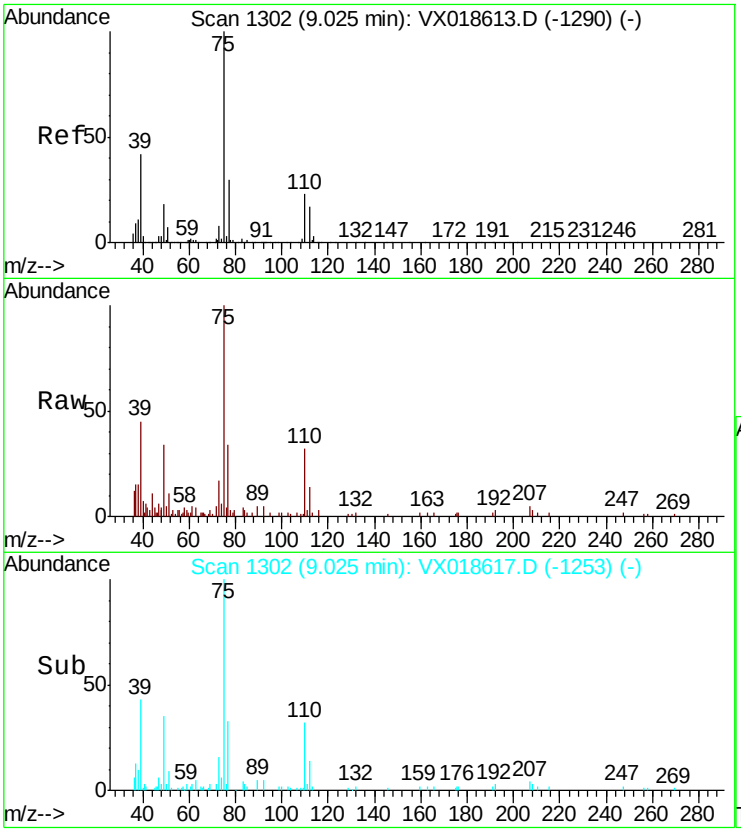




#44
1,2,4-Trimethylbenzene
Concen: 0.374 ug/L
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion:105 Resp: 15924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.5 | 36.8 | 55.2 |



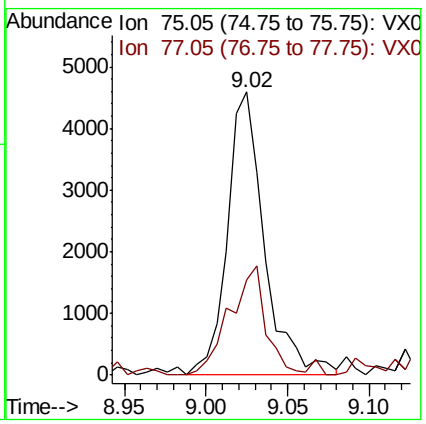


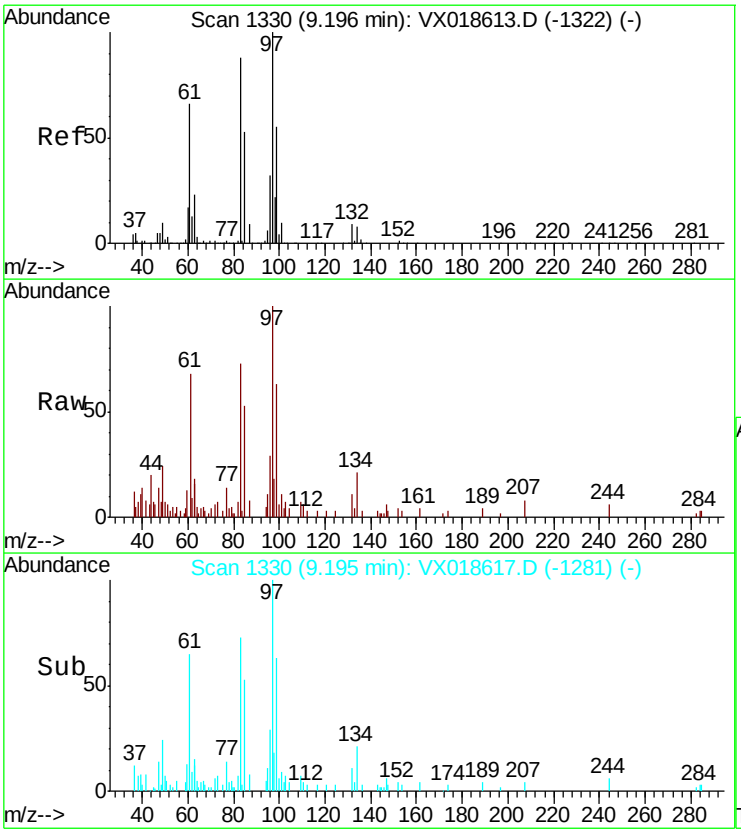

#46
trans-1,3-Dichloropropene
Concen: 0.466 ug/L
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD0.563

Tgt Ion: 75 Resp: 7245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.5 | 21.2 | 39.4 |

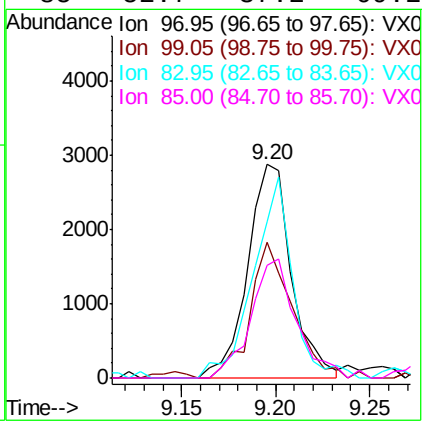


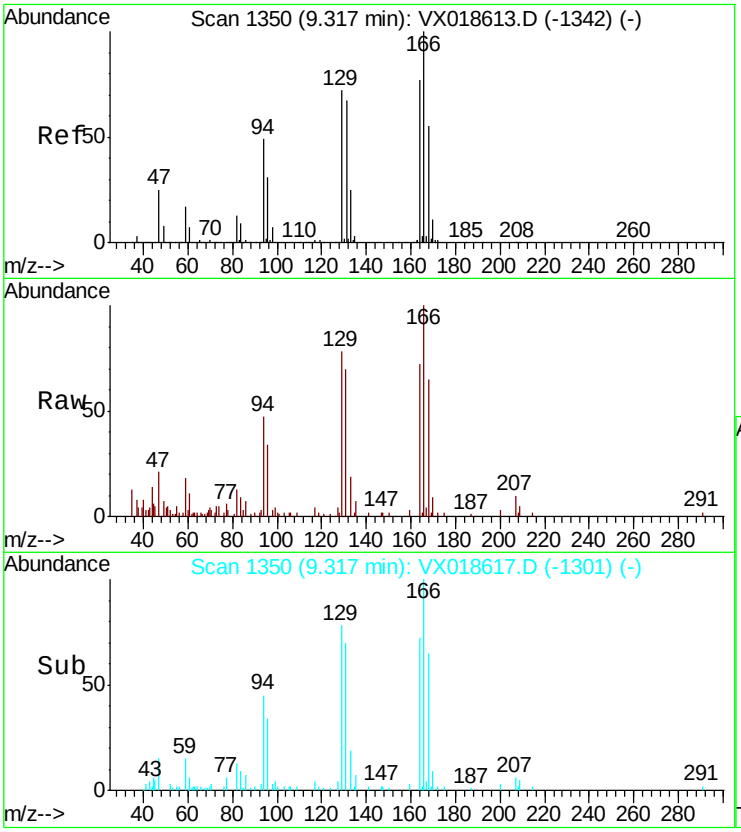




#47
1,1,2-Trichloroethane
Concen: 0.538 ug/L
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 97 Resp: 4649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.4 | 38.9 | 72.2 |
| 83 | 73.2 | 61.9 | 114.9 |
| 85 | 52.7 | 37.2 | 69.2 |



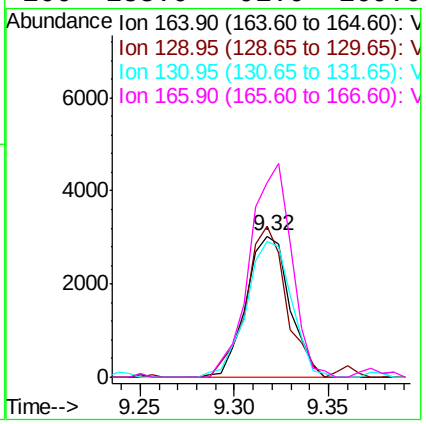


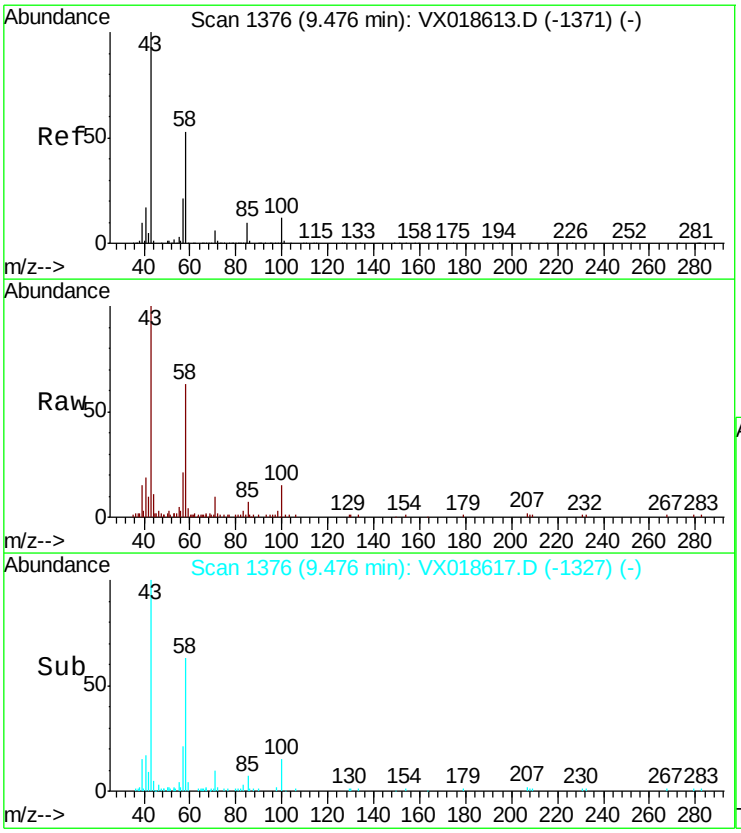

#49
Tetrachloroethene
Concen: 0.471 ug/L
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD0.563

Tgt Ion:164 Resp: 4843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 107.6 | 65.9 | 122.3 |
| 131 | 96.7 | 61.4 | 114.0 |
| 166 | 138.0 | 91.0 | 169.0 |

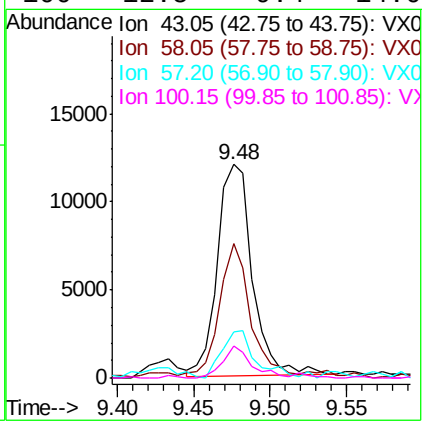


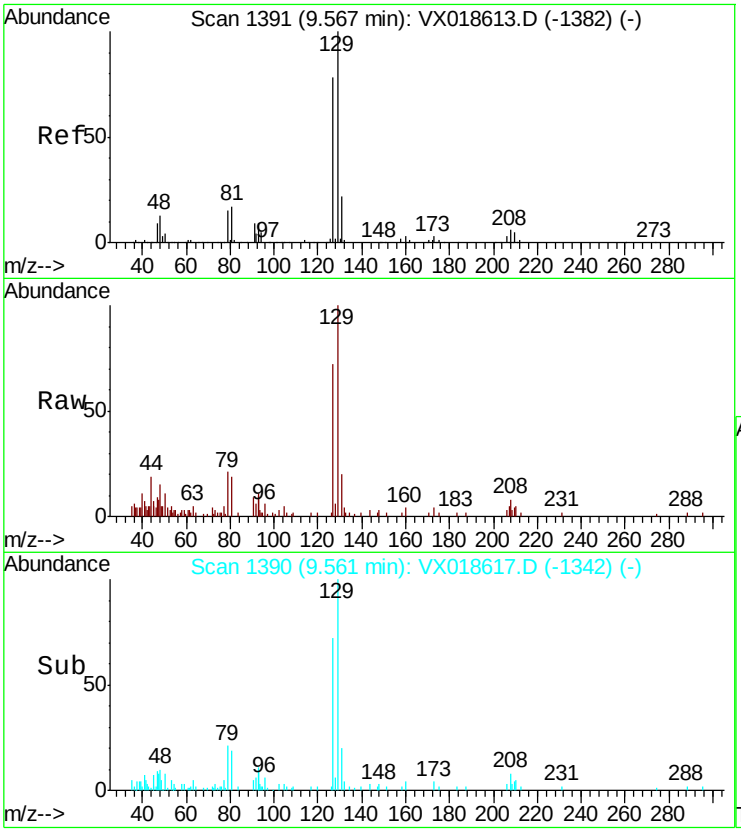




#50
2-Hexanone
Concen: 4.045 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 43 Resp: 19093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.6 | 42.5 | 63.7 |
| 57 | 21.5 | 15.9 | 23.9 |
| 100 | 12.5 | 9.4 | 14.0 |



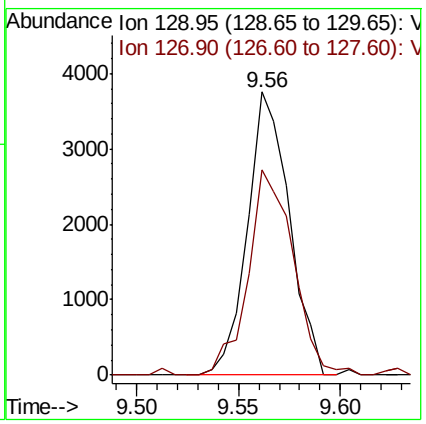


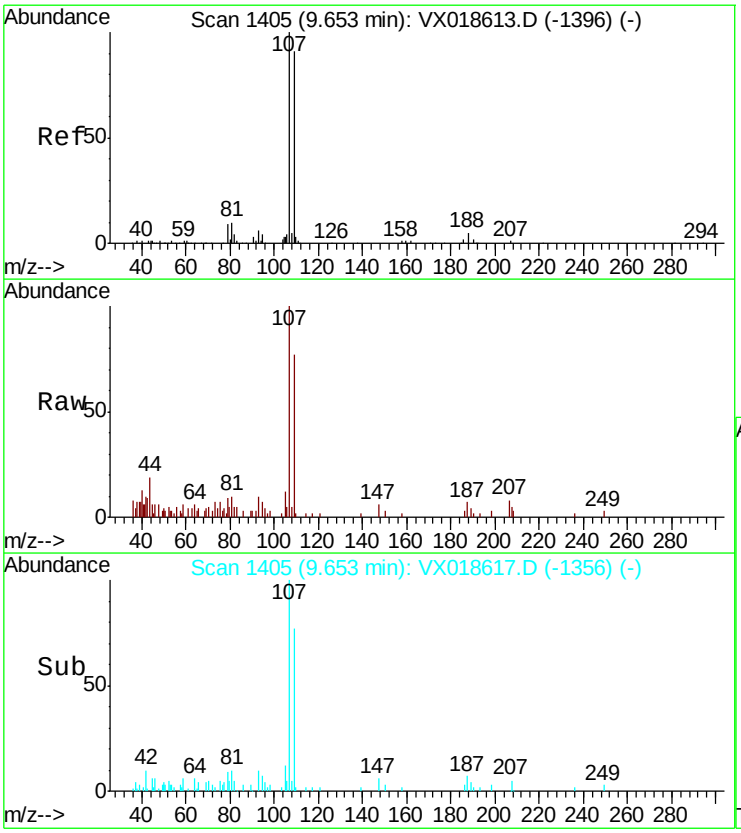

#51
Dibromochloromethane
Concen: 0.476 ug/L
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD0.563

Tgt Ion:129 Resp: 5374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 72.3 | 55.0 | 102.2 |

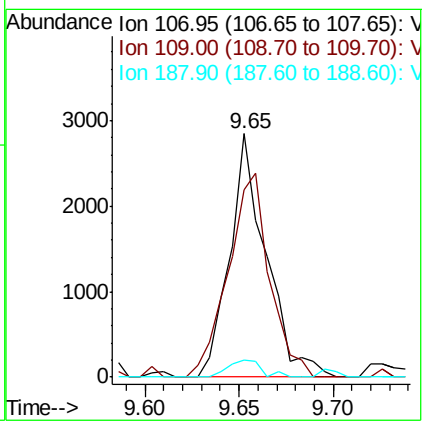


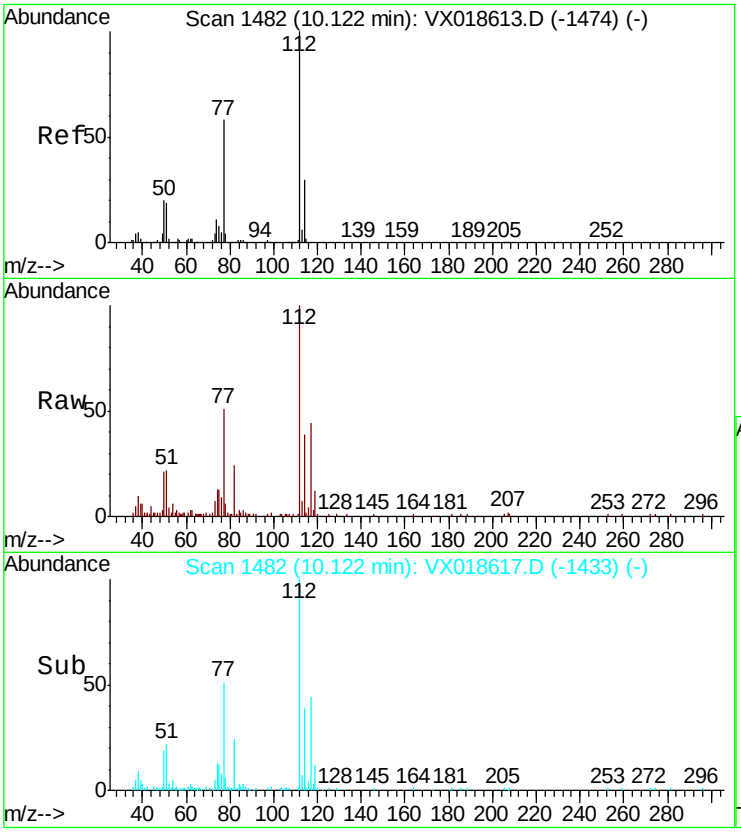




#52
1,2-Dibromoethane
Concen: 0.473 ug/L
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion:107 Resp: 3805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 76.7 | 63.4 | 117.8 |
| 188 | 7.0 | 4.1 | 6.1# |



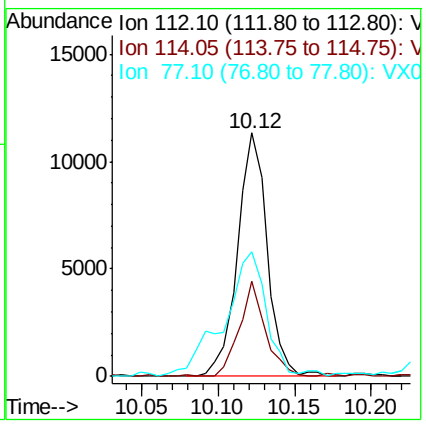


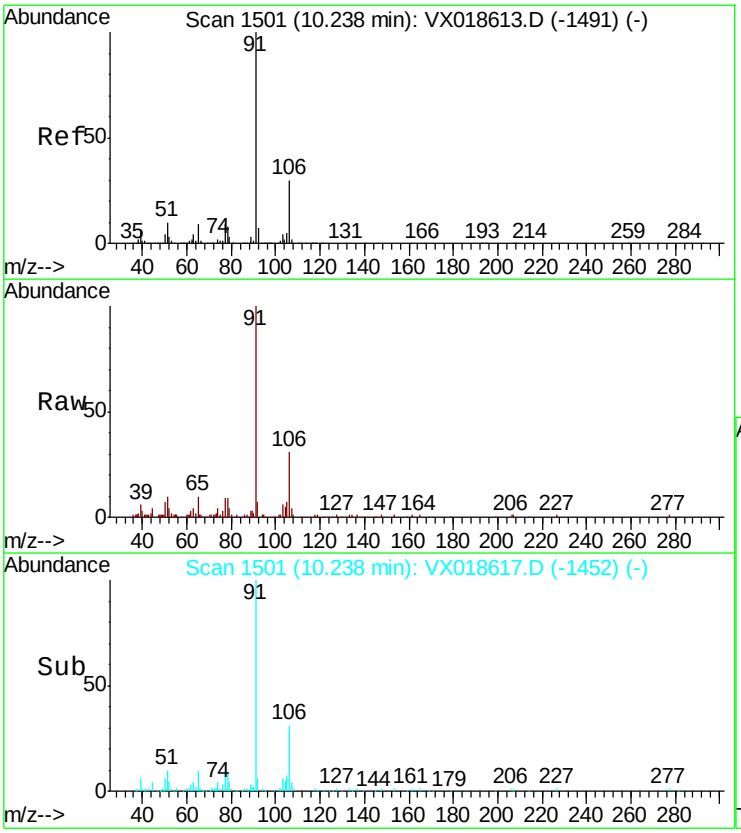

#53
Chlorobenzene
Concen: 0.474 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD0.563

Tgt Ion:112 Resp: 15243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 39.3 | 20.6 | 38.4# |
| 77 | 51.0 | 46.6 | 69.8 |

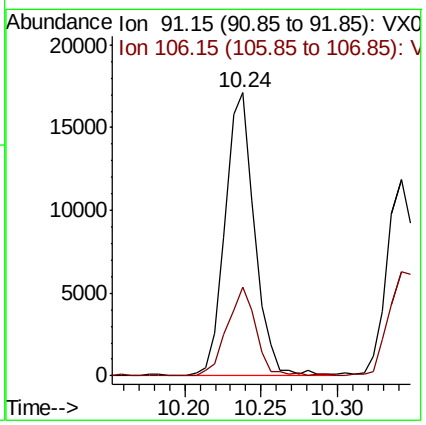


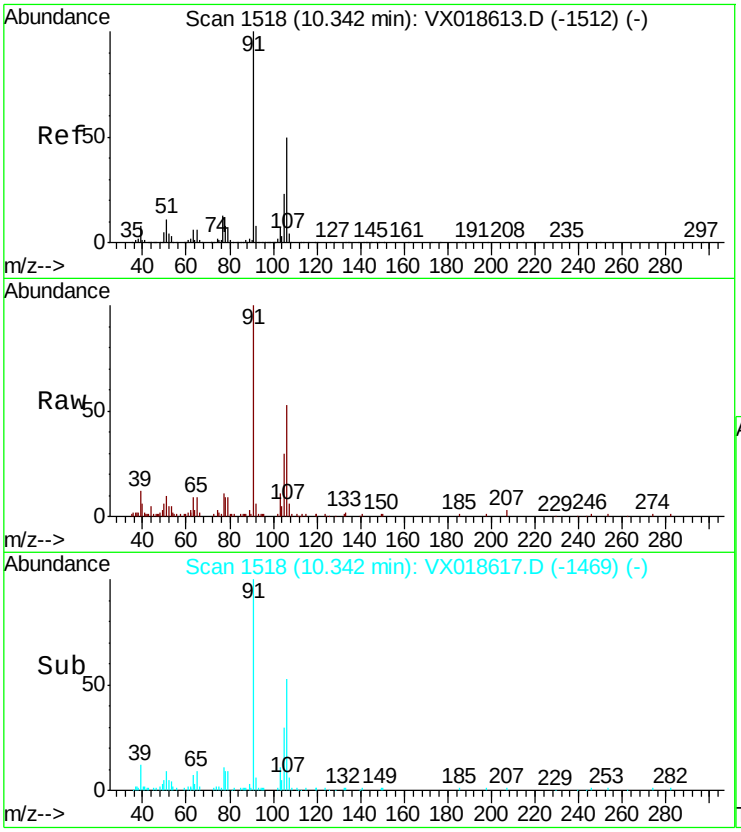




#54
Ethylbenzene
Concen: 0.434 ug/L
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 91 Resp: 23019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.2 | 21.0 | 39.0 |



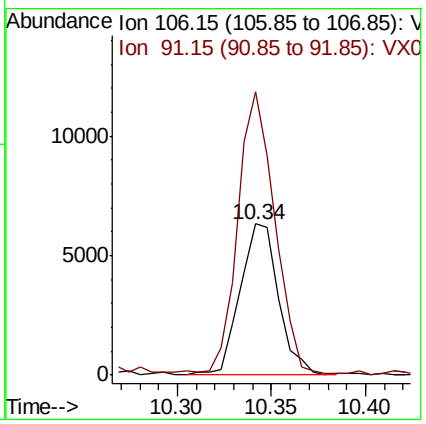


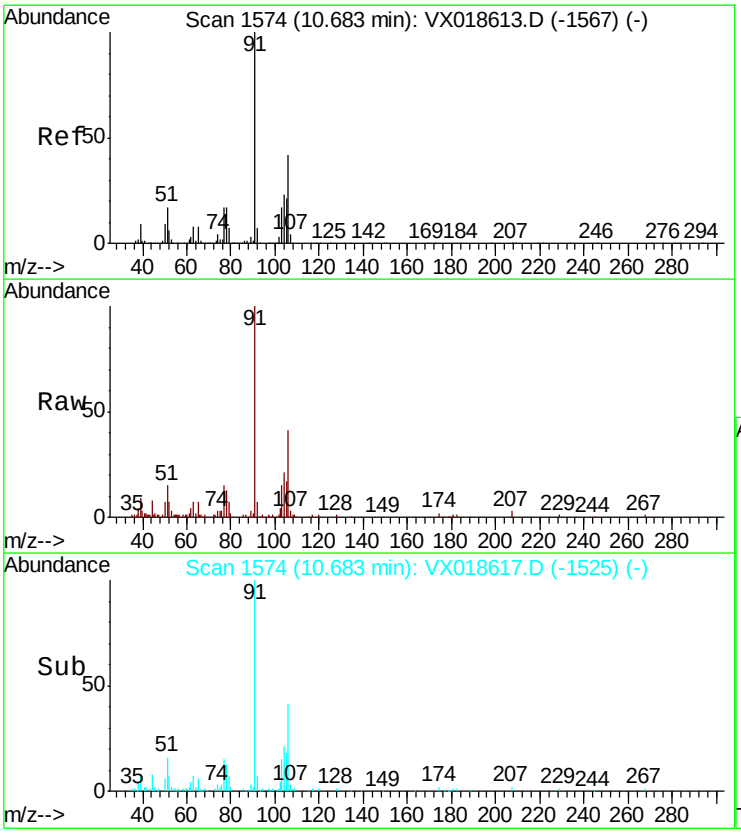

#55
m,p-xylene
Concen: 0.442 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD0.563

Tgt Ion:106 Resp: 8970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 187.1 | 140.3 | 260.6 |

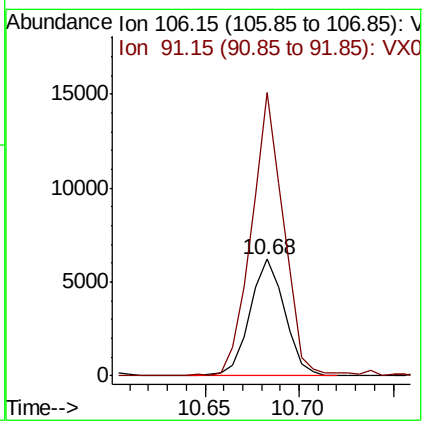


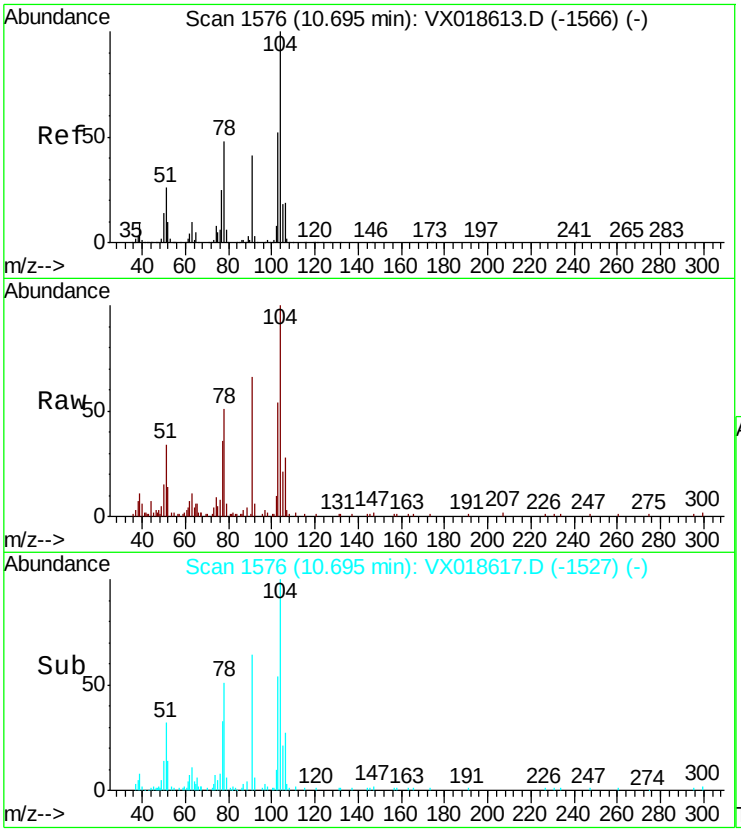




#56
o-xylene
Concen: 0.415 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion:106 Resp: 7961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 242.5 | 167.5 | 311.1 |



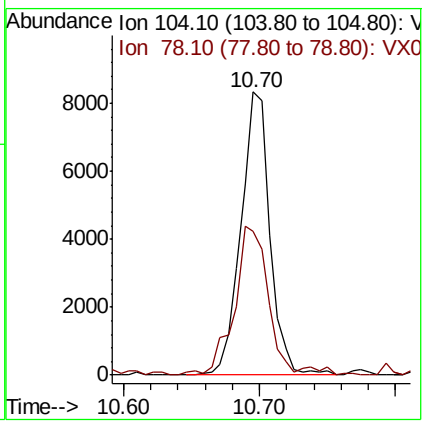


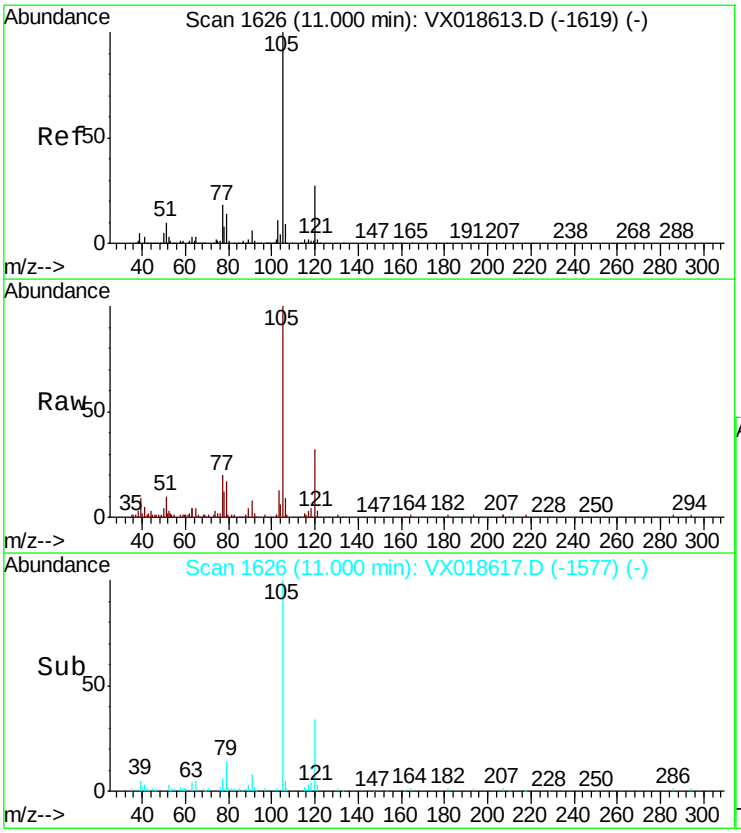

#57
Stvrene
Concen: 0.393 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD0.563

Tgt Ion:104 Resp: 12421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 50.7 | 33.3 | 61.9 |

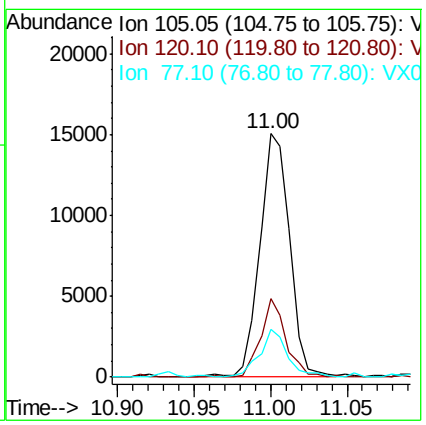


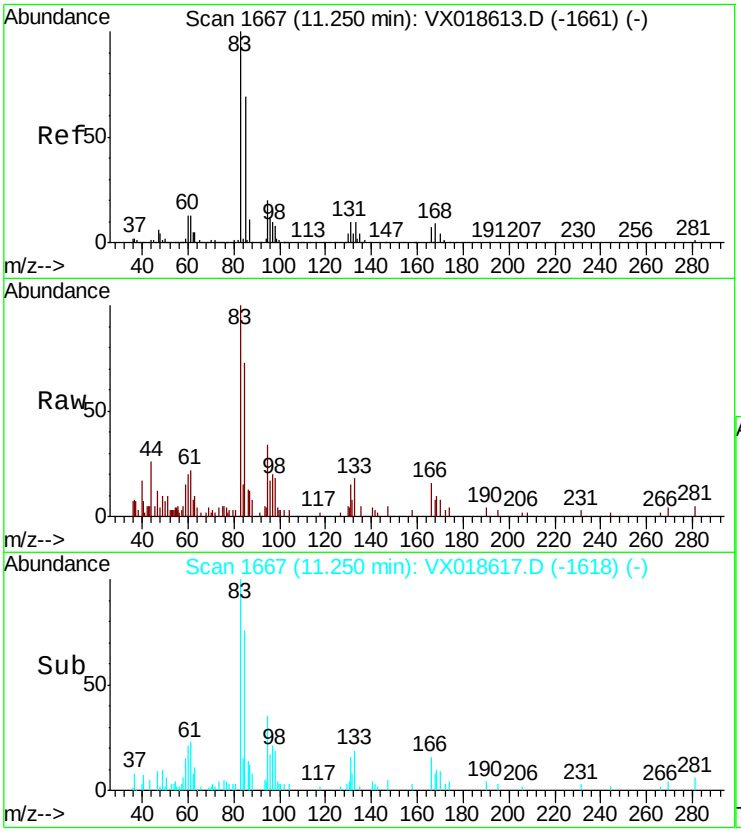




#58
Isopropylbenzene
Concen: 0.399 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion:105 Resp: 20507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.7 | 21.2 | 31.8 |
| 77 | 18.7 | 13.3 | 19.9 |



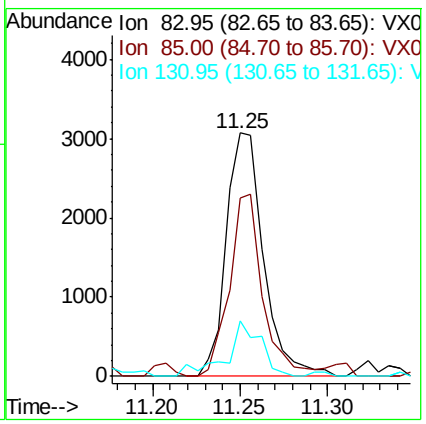


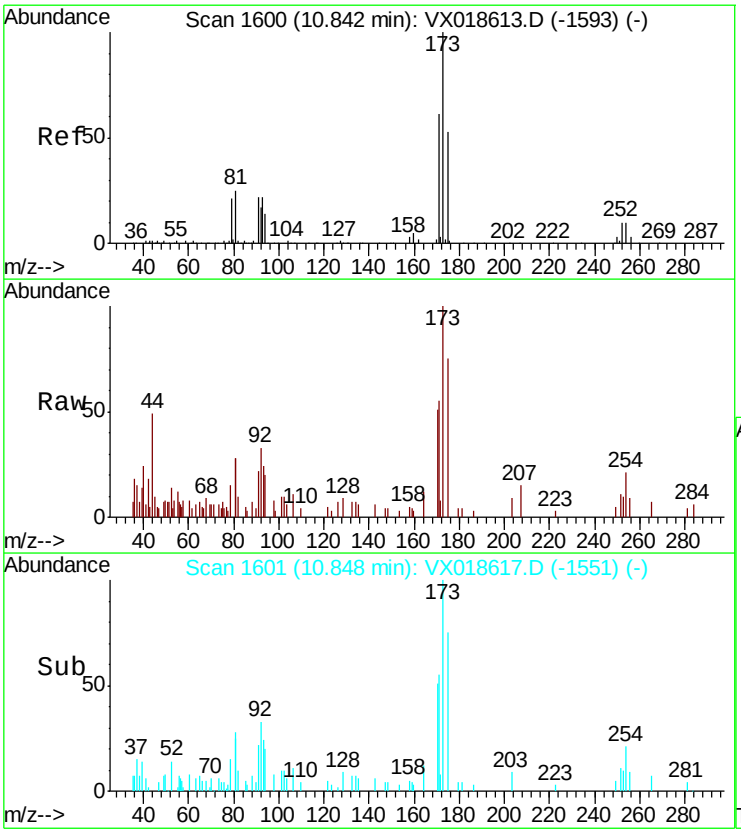

#60
1,1,2,2-Tetrachloroethane
Concen: 0.467 ug/L
RT: 11.25 min Scan# 1667
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD0.563

Tgt Ion: 83 Resp: 4558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 73.1 | 48.5 | 90.1 |
| 131 | 22.6 | 7.8 | 11.6# |

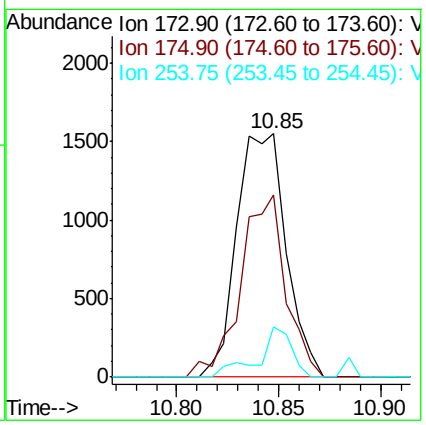


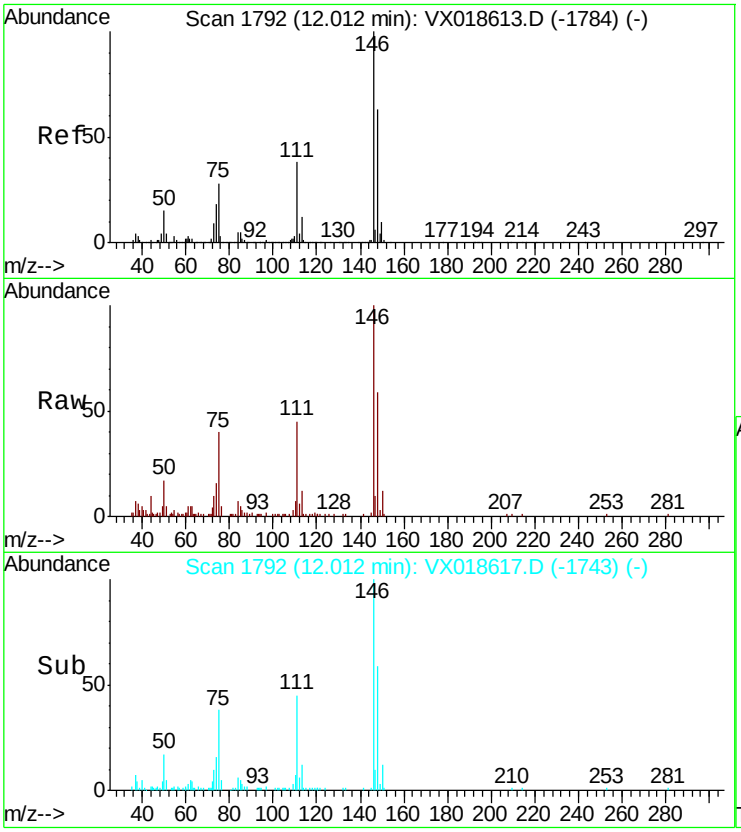




#62
Bromoform
Concen: 0.430 ug/L
RT: 10.85 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion:173 Resp: 2610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 68.2 | 41.6 | 62.4# |
| 254 | 13.8 | 7.7 | 11.5# |



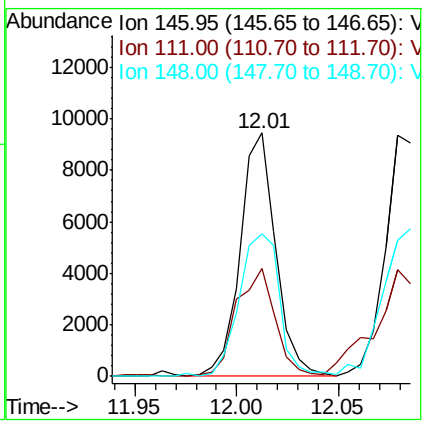


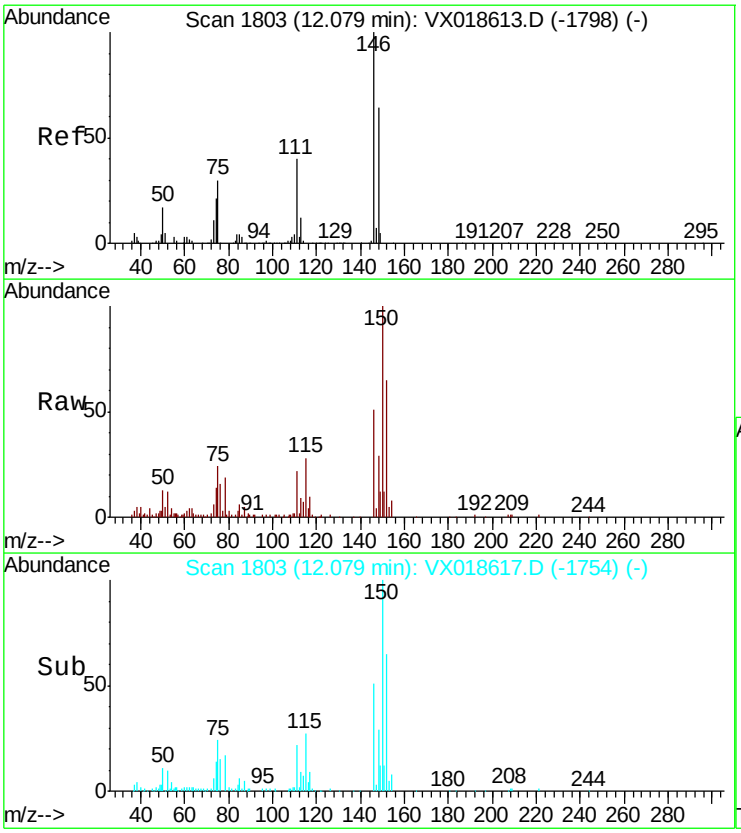

#63
1,3-Dichlorobenzene
Concen: 0.462 ug/L
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :** MSVOA_X
**ClientSampleId :** VSTD0.563

Tgt Ion:146 Resp: 11458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.5 | 26.7 | 49.7 |
| 148 | 58.8 | 44.4 | 82.5 |

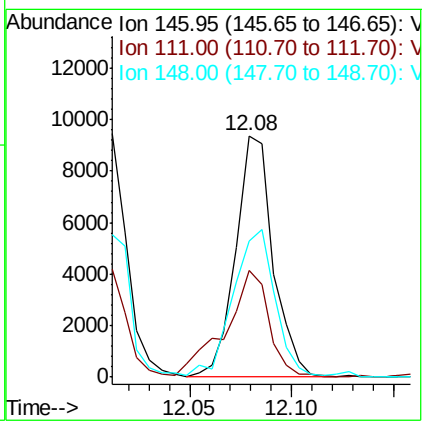


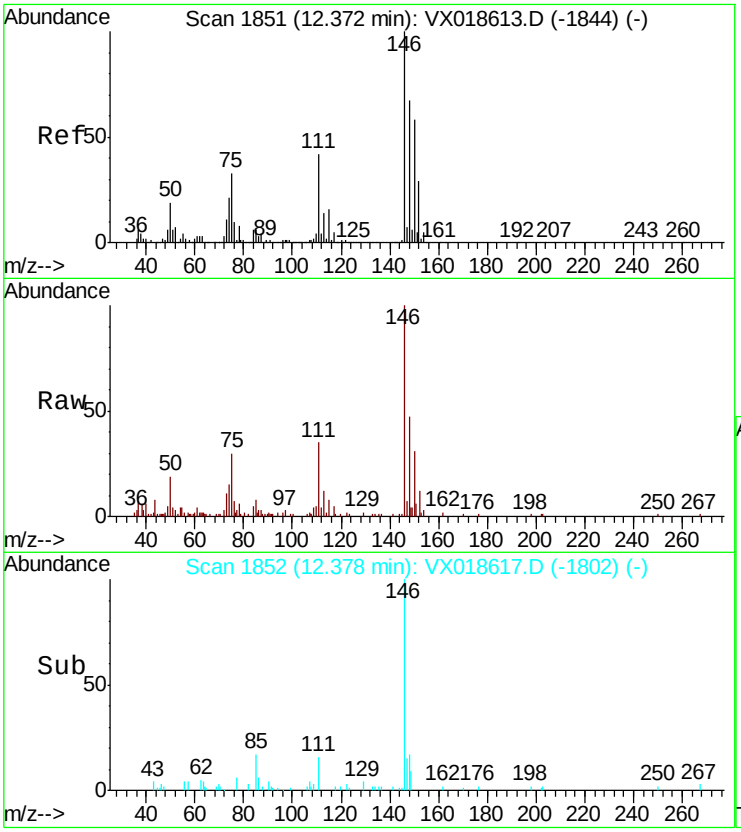




#64
1,4-Dichlorobenzene
Concen: 0.477 ug/L
RT: 12.08 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion:146 Resp: 11952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.1 | 28.8 | 53.4 |
| 148 | 56.4 | 44.9 | 83.3 |



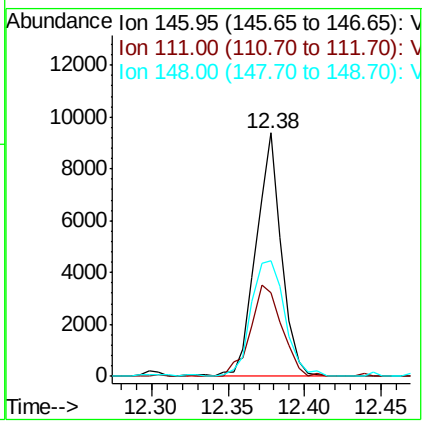


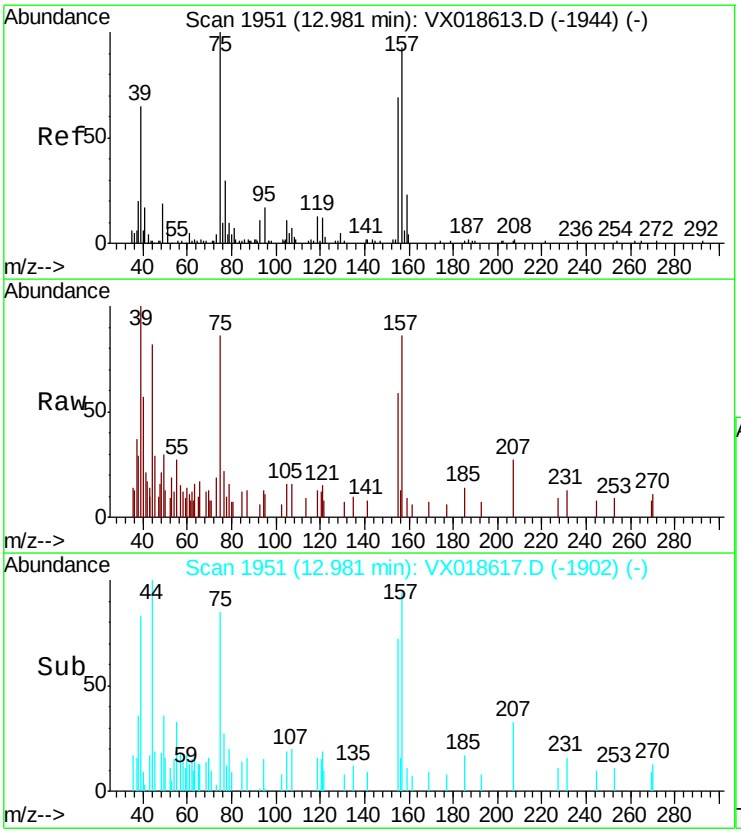

#66
1,2-Dichlorobenzene
Concen: 0.473 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. 0.01 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD0.563

Tgt Ion:146 Resp: 10935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 34.5 | 33.6 | 50.4 |
| 148 | 47.3 | 53.4 | 80.2# |

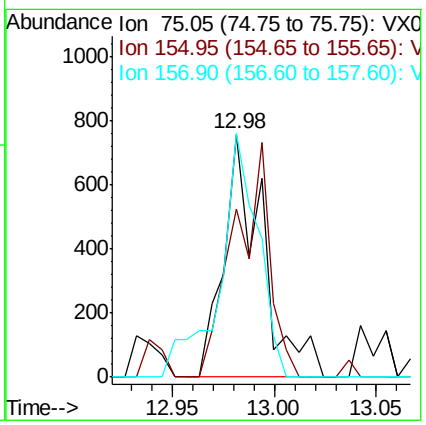


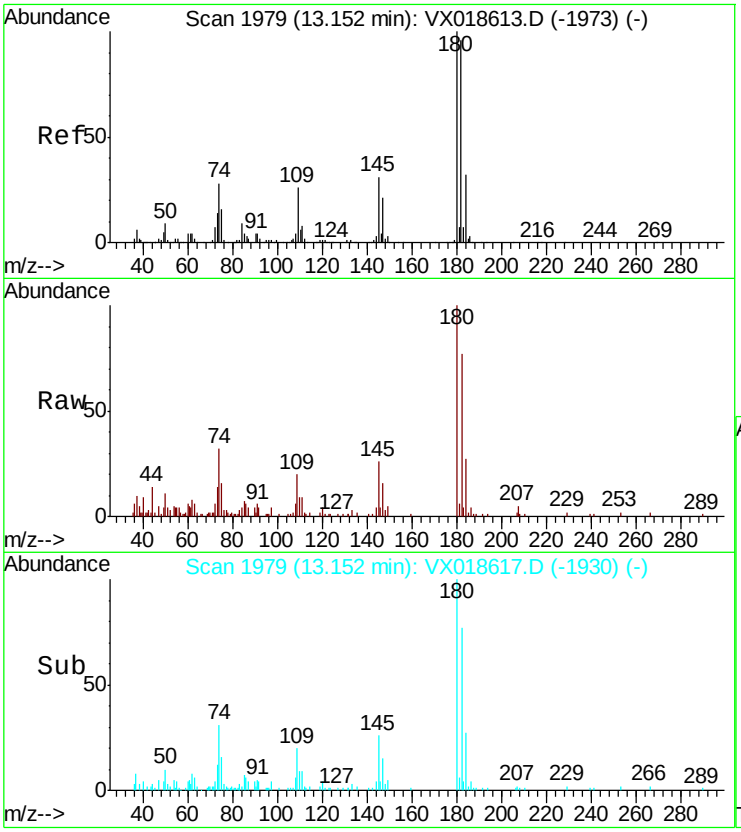




#67
1,2-Dibromo-3-chloropropane
Concen: 0.507 ug/L
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion: 75 Resp: 995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 69.2 | 54.6 | 81.8 |
| 157 | 100.3 | 73.5 | 110.3 |



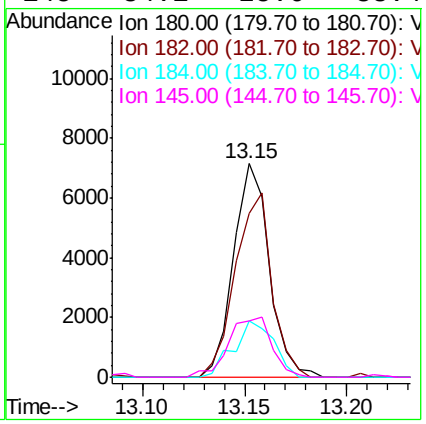


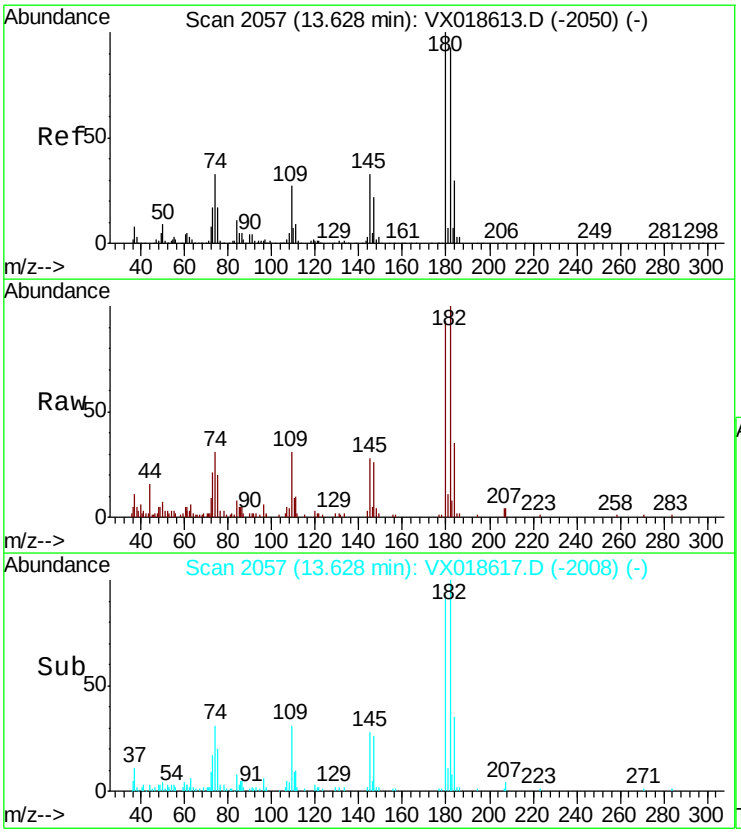

#68
1,3,5-Trichlorobenzene
Concen: 0.467 ug/L
RT: 13.15 min Scan# 1979
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD0.563

Tgt Ion:180 Resp: 8696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 88.4 | 72.4 | 108.6 |
| 184 | 29.7 | 25.3 | 37.9 |
| 145 | 34.1 | 25.6 | 38.4 |

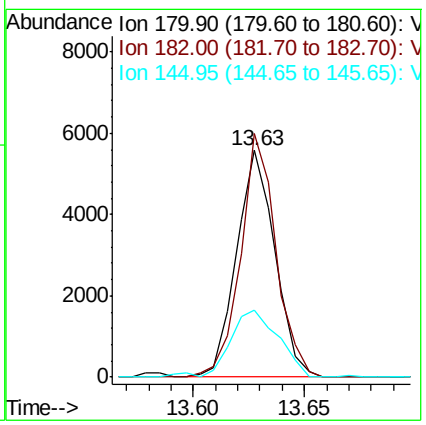


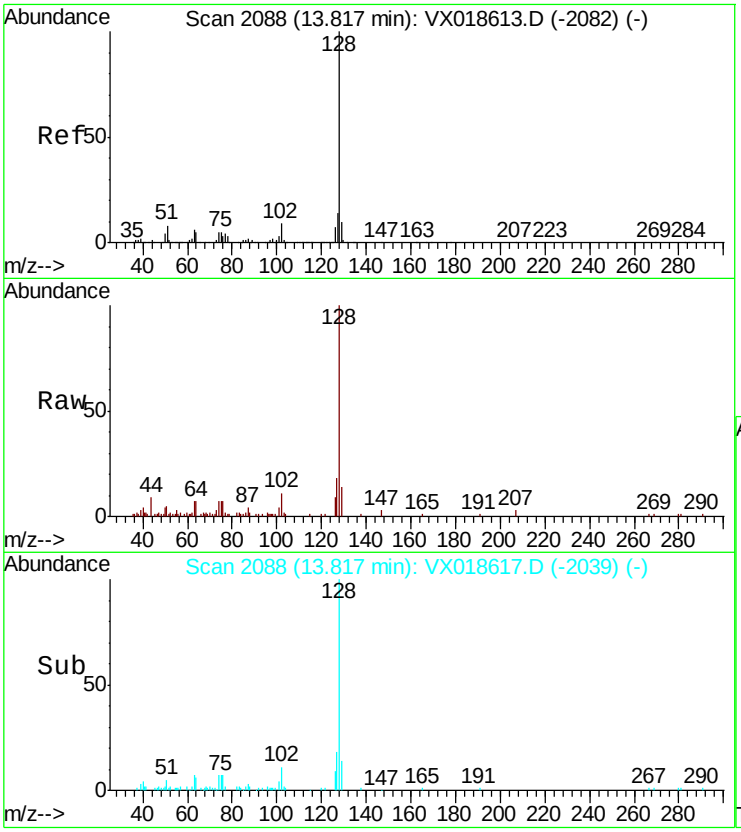




#69
1,2,4-trichlorobenzene
Concen: 0.440 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion:180 Resp: 6707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 99.0 | 74.6 | 112.0 |
| 145 | 37.0 | 25.0 | 37.6 |



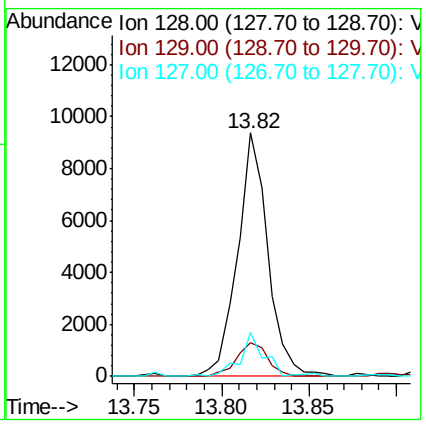


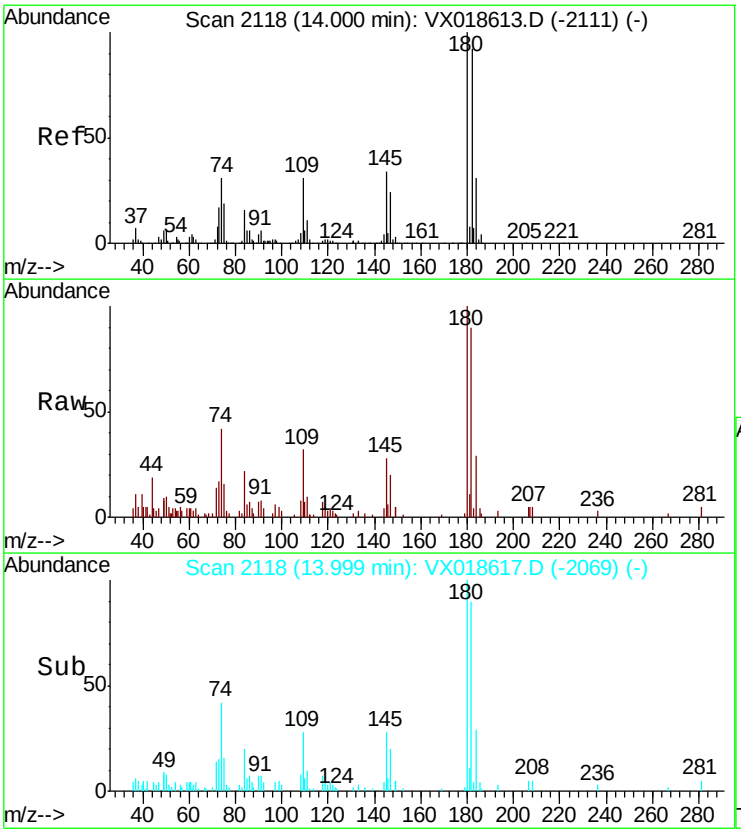

#70
Naphthalene
Concen: 0.437 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTD0.563

Tgt Ion:128 Resp: 11267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 14.2 | 8.8 | 13.2# |
| 127 | 14.3 | 10.7 | 16.1 |




#71
1,2,3-Trichlorobenzene
Concen: 0.438 ug/L
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018617.D
Acq: 28 Sep 2020 13:28

Tgt Ion:180 Resp: 6045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.2 | 77.7 | 116.5 |
| 145 | 37.2 | 28.6 | 42.8 |