Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083120\
Data File : VX018147.D
Acq On : 31 Aug 2020 15:07
Operator : JC/SP
Sample : L3831-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** MH-118.5N-20200827

Quant Time: Sep 01 05:31:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.64 | 168 | 537286 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.83 | 114 | 866557 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.10 | 117 | 824866 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 394257 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.03 | 65 | 372466 | 49.94 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.88% | | | |
| 35) Dibromofluoromethane | 5.46 | 113 | 297689 | 50.44 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.88% | | | |
| 50) Toluene-d8 | 8.70 | 98 | 1082245 | 49.24 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.48% | | | |
| 62) 4-Bromofluorobenzene | 11.12 | 95 | 393000 | 45.44 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.88% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 10) Methyl Iodide | 2.50 | 142 | 348 | 5.344 | ug/l # | 12 |
| 11) Tert butyl alcohol | 3.02 | 59 | 582 | 0.401 | ug/l # | 71 |
| 13) Acrolein | 2.27 | 56 | 702 | 1.167 | ug/l # | 14 |
| 16) Acetone | 2.42 | 43 | 6522 | 2.244 | ug/l | 90 |
| 20) Methylene Chloride | 2.83 | 84 | 1521 | Below Cal | # | 72 |
| 27) cis-1,2-Dichloroethene | 4.56 | 96 | 1366 | 0.204 | ug/l | 54 |
| 36) 1,1-Dichloropropene | 5.63 | 75 | 39624 | 4.958 | ug/l # | 53 |
| 38) Carbon Tetrachloride | 5.62 | 117 | 56181 | 6.237 | ug/l # | 16 |
| 44) Trichloroethene | 7.18 | 130 | 2495 | 0.376 | ug/l | 38 |
| 76) 1,2,3-Trichloropropane | 11.12 | 75 | 199427 | 22.739 | ug/l # | 36 |
| 81) trans-1,4-Dichloro-2-buten | 11.12 | 75 | 199427 | 61.413 | ug/l # | 12 |

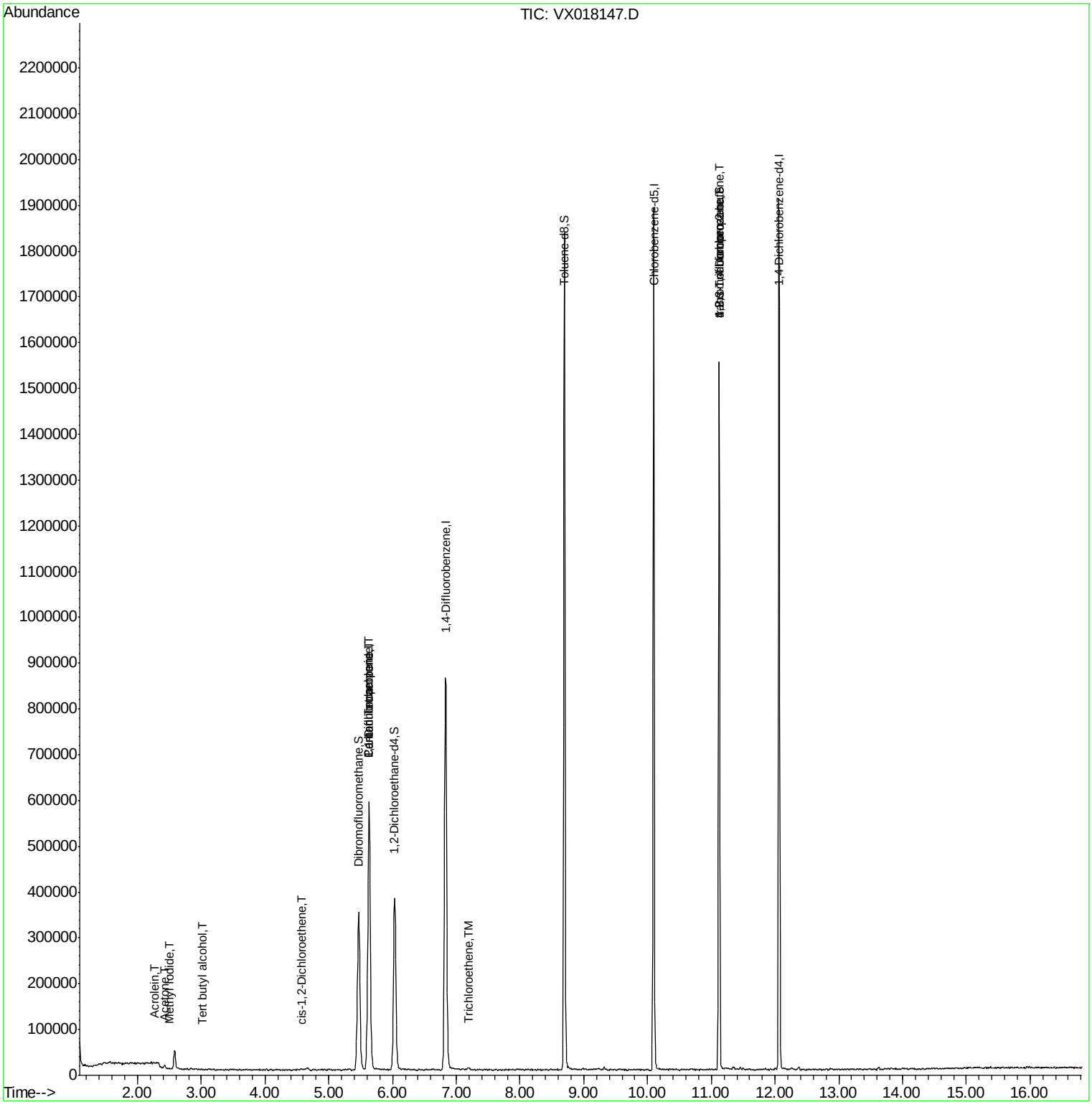
(#) = qualifier out of range (m) = manual integration (+) = signals summed

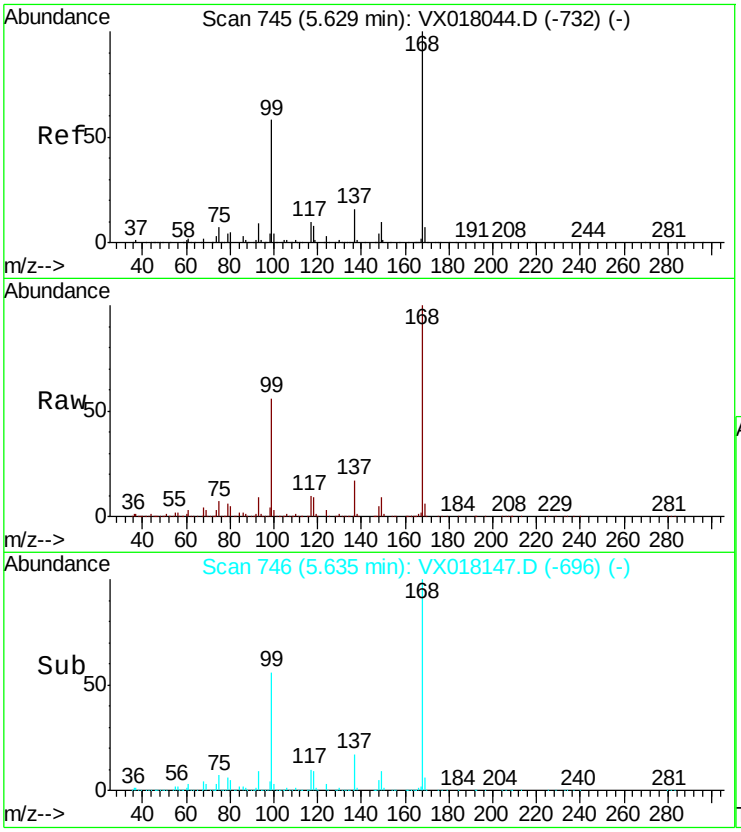
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083120\
Data File : VX018147.D
Acq On : 31 Aug 2020 15:07
Operator : JC/SP
Sample : L3831-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MH-118.5N-20200827

Quant Time: Sep 01 05:31:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration



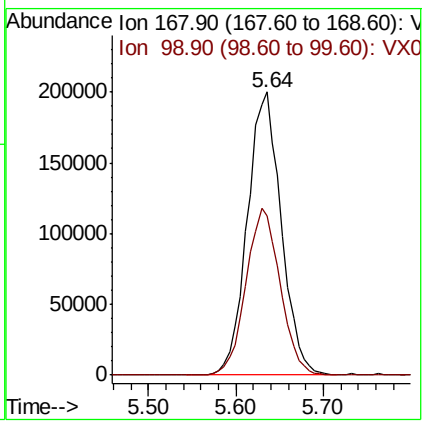


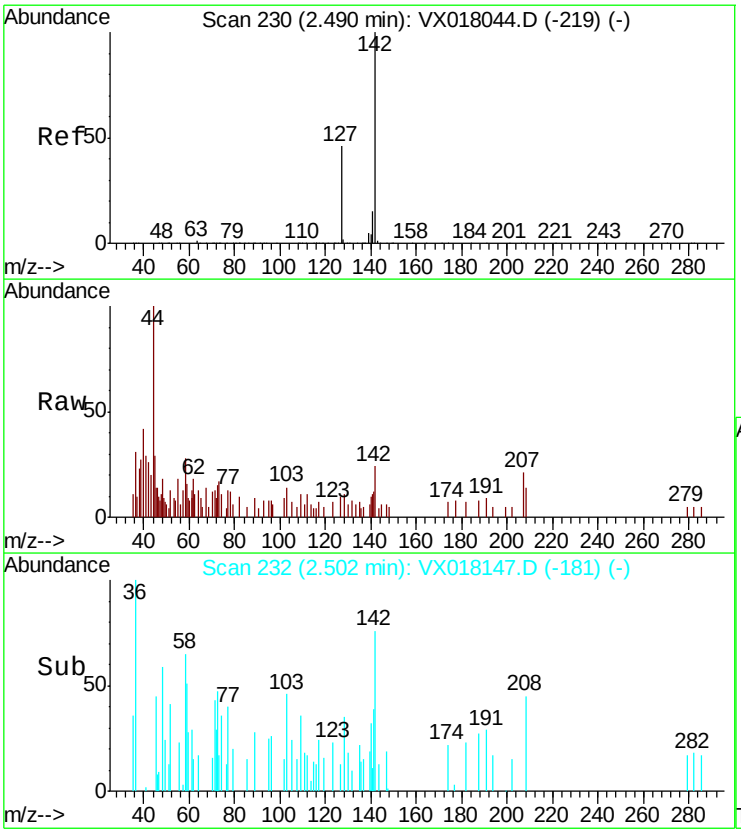

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.01 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

**Instrument :**
MSVOA_X
**ClientSampleId :**
MH-118.5N-20200827

Tgt Ion:168 Resp: 537286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 56.1 | 46.3 | 69.5 |

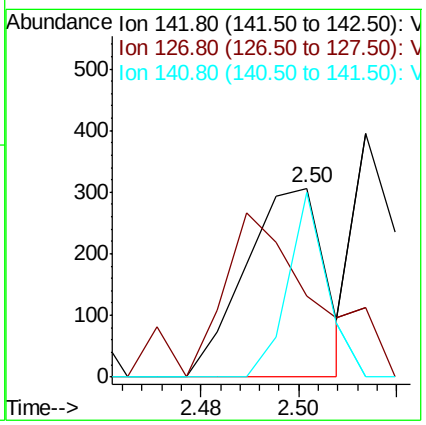


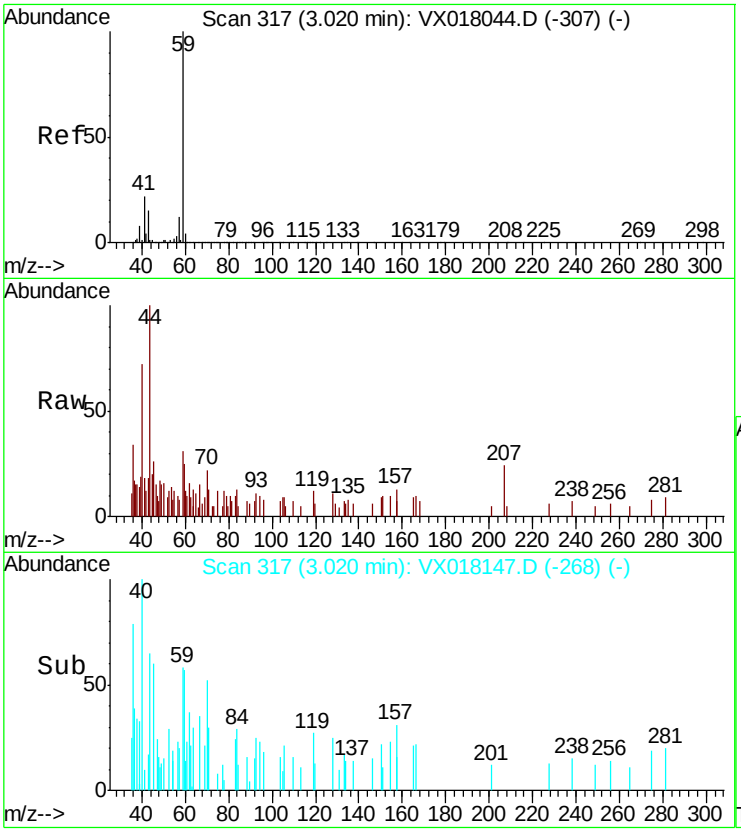




#10
Methyl Iodide
Concen: 5.344 ug/l
RT: 2.50 min Scan# 232
Delta R.T. 0.01 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

Tgt Ion:142 Resp: 348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 106.6 | 37.0 | 55.6# |
| 141 | 47.4 | 11.5 | 17.3# |



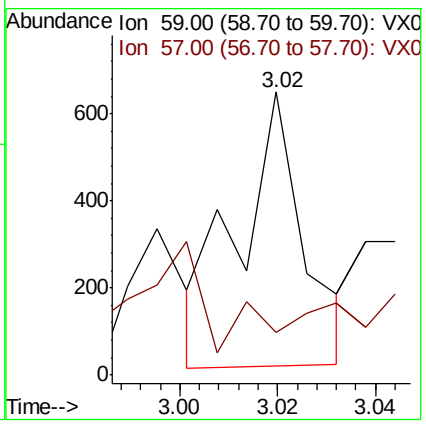


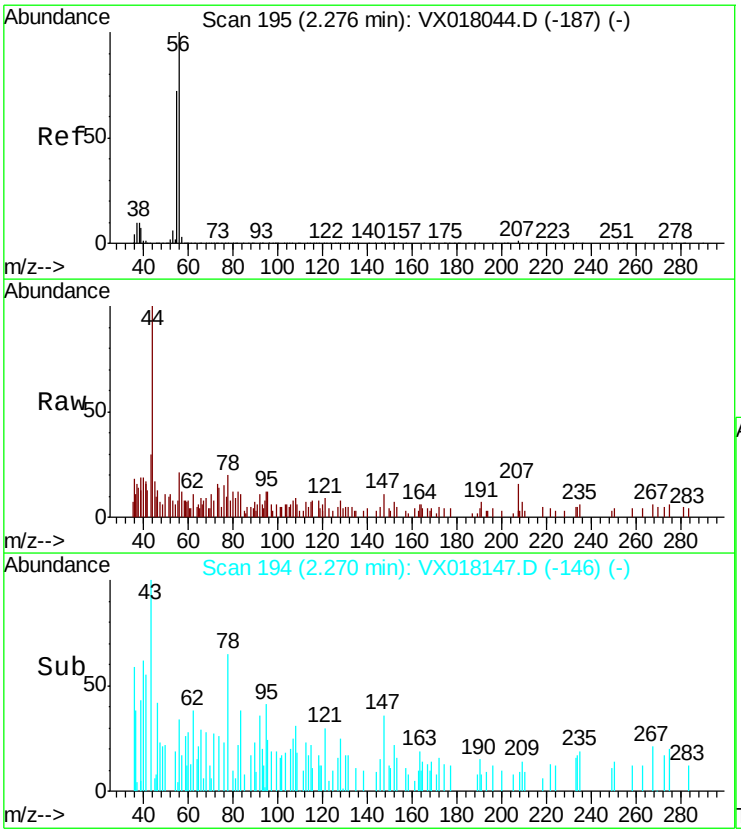

#11
Tert butyl alcohol
Concen: 0.401 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

**Instrument :**
MSVOA_X
**ClientSampleId :**
MH-118.5N-20200827

Tgt Ion: 59 Resp: 582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.9 | 13.3# |

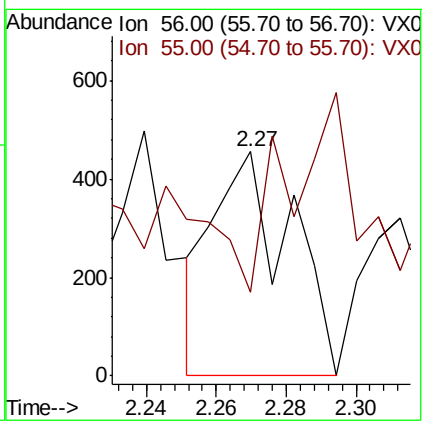


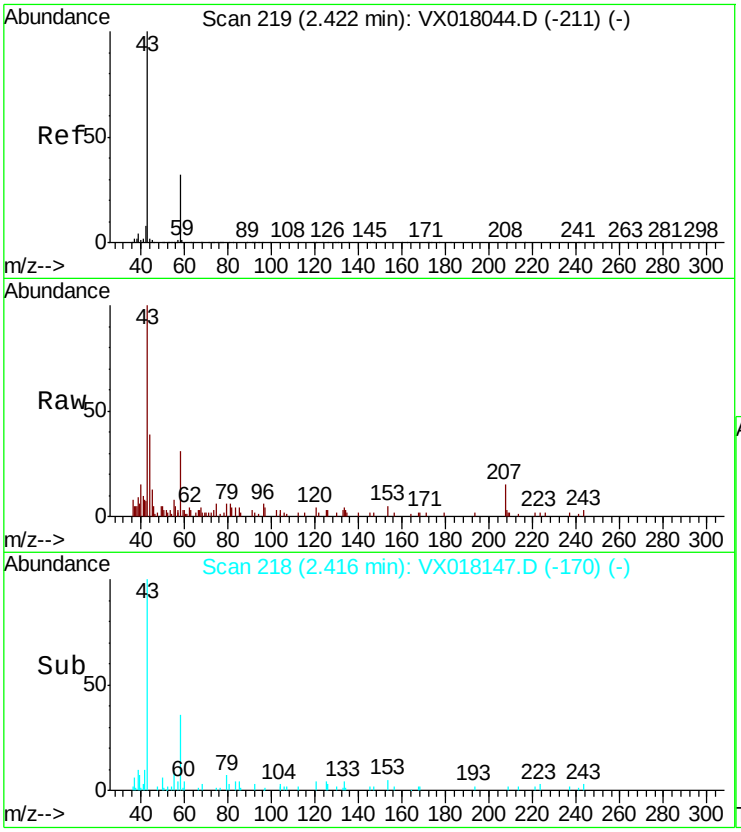




#13
Acrolein
Concen: 1.167 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

Tgt Ion: 56 Resp: 702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 0.0 | 57.0 | 85.6# |



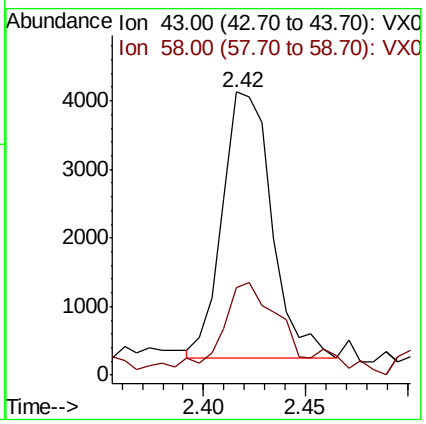


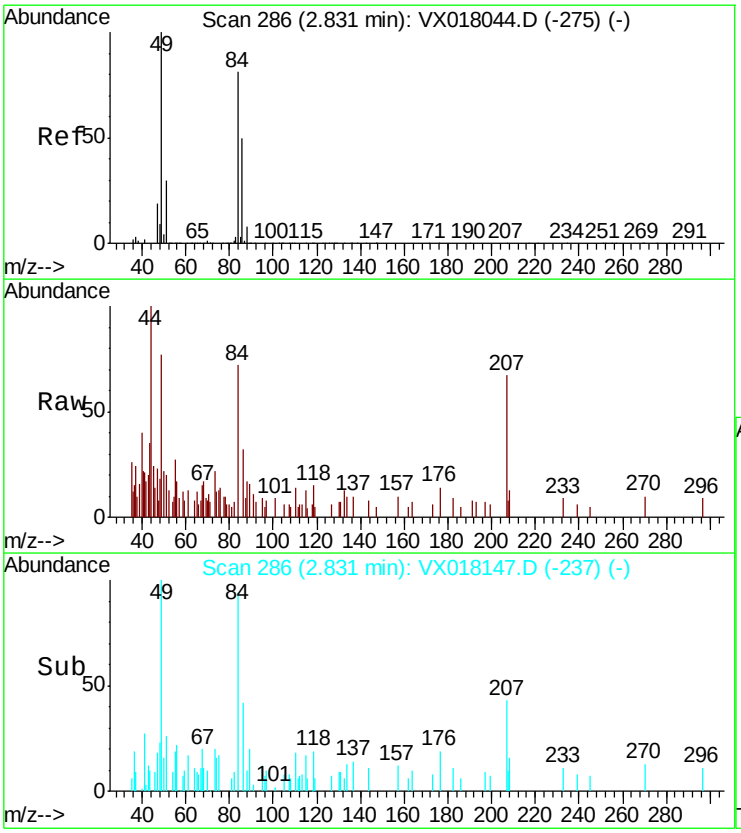

#16
Acetone
Concen: 2.244 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

**Instrument :**
MSVOA_X
**ClientSampleId :**
MH-118.5N-20200827

Tgt Ion: 43 Resp: 6522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.4 | 25.5 | 38.3 |

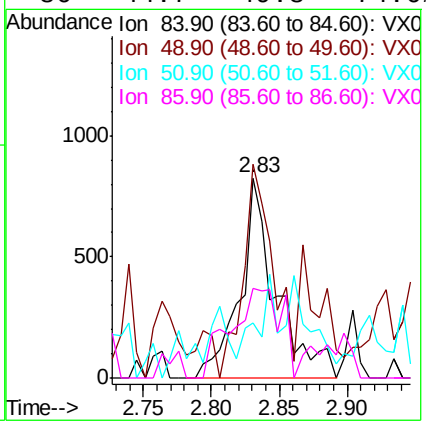


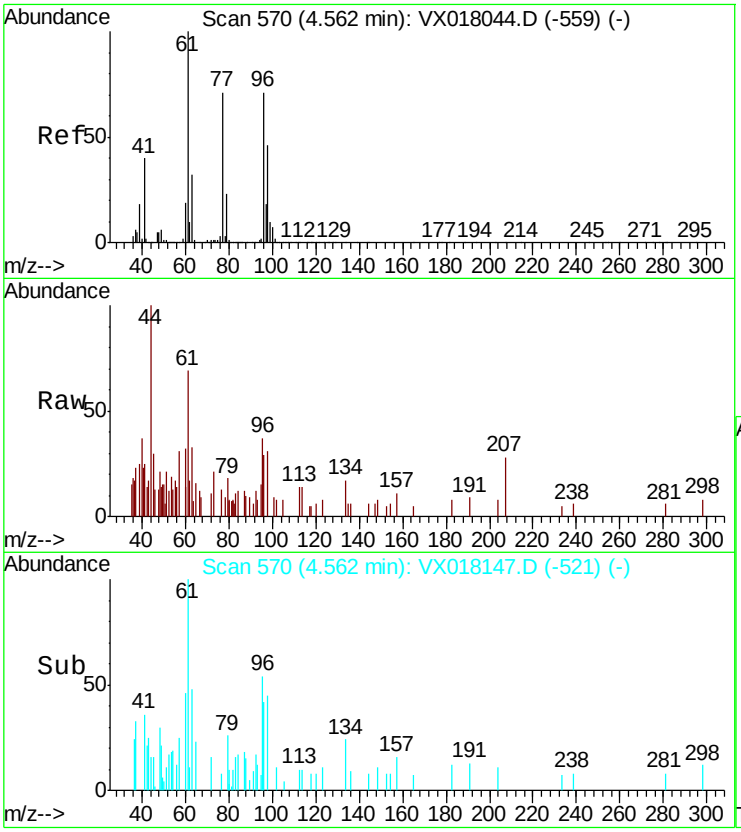




#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

Tgt Ion: 84 Resp: 1521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 95.4 | 98.6 | 148.0# |
| 51 | 8.4 | 29.6 | 44.4# |
| 86 | 44.7 | 49.8 | 74.6# |



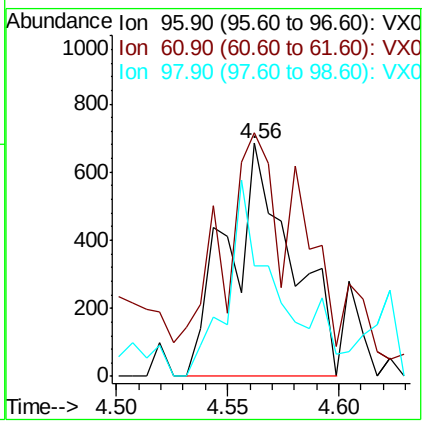


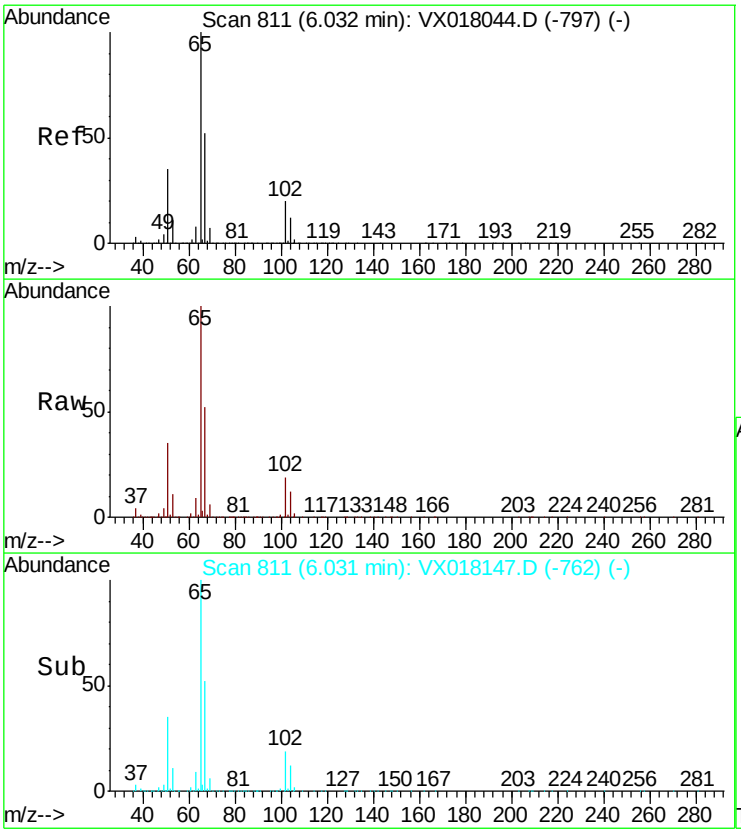

#27
cis-1,2-Dichloroethene
Concen: 0.204 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

**Instrument :**
MSVOA_X
**ClientSampleId :**
MH-118.5N-20200827

Tgt Ion: 96 Resp: 1366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 66.2 | 0.0 | 296.6 |
| 98 | 67.7 | 0.0 | 130.2 |

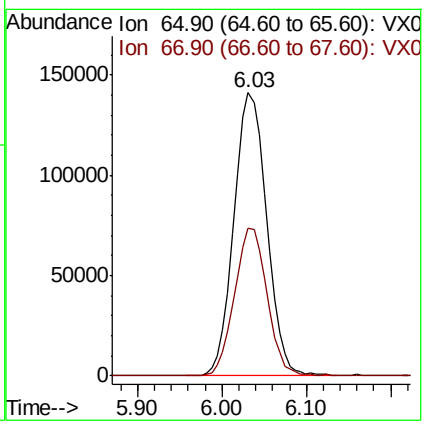


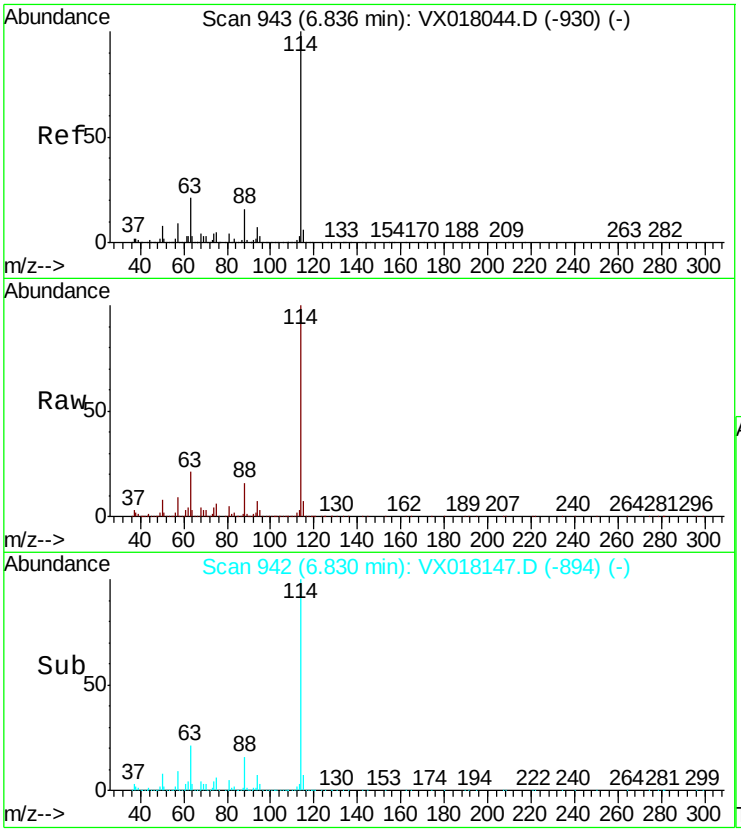




#33
1,2-Dichloroethane-d4
Concen: 49.936 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

Tgt Ion: 65 Resp: 372466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.3 | 0.0 | 105.8 |



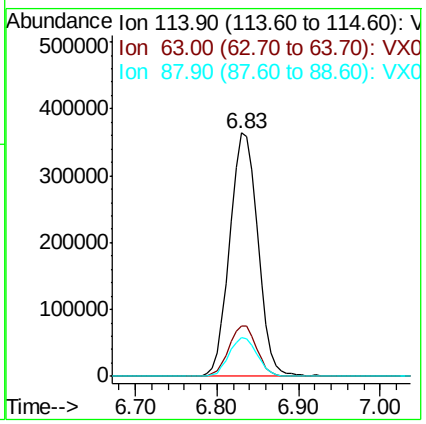


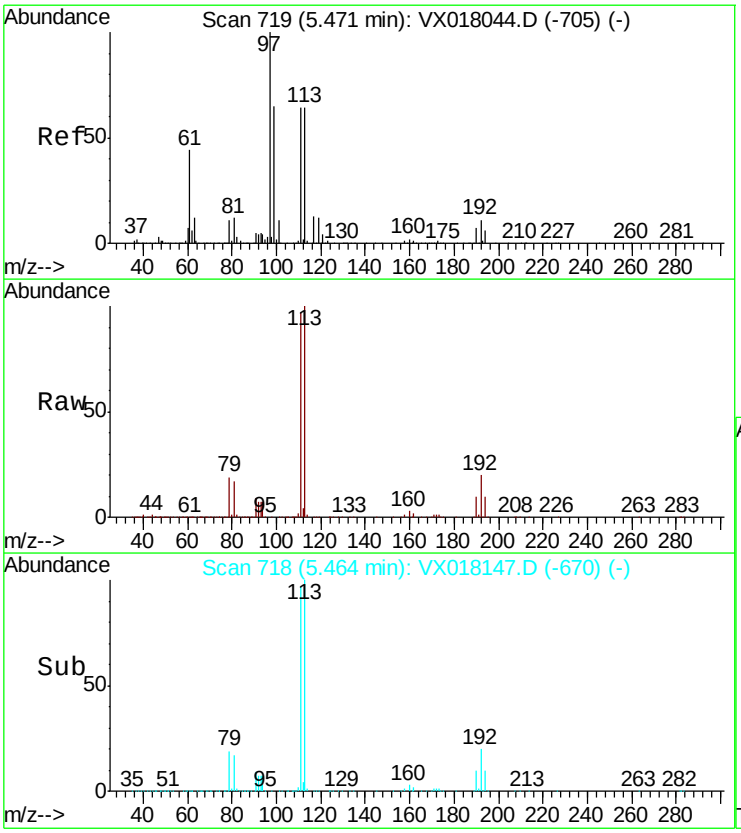

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

**Instrument :**
MSVOA_X
**ClientSampleId :**
MH-118.5N-20200827

Tgt Ion:114 Resp: 866557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.6 | 0.0 | 42.6 |
| 88 | 16.0 | 0.0 | 31.8 |

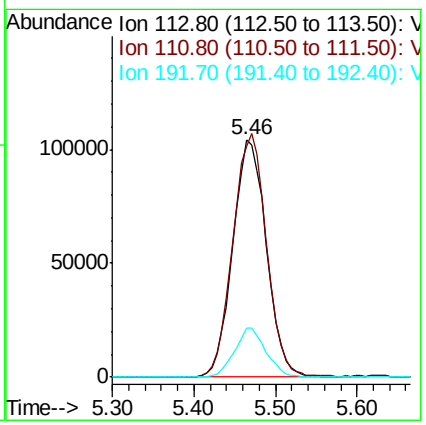


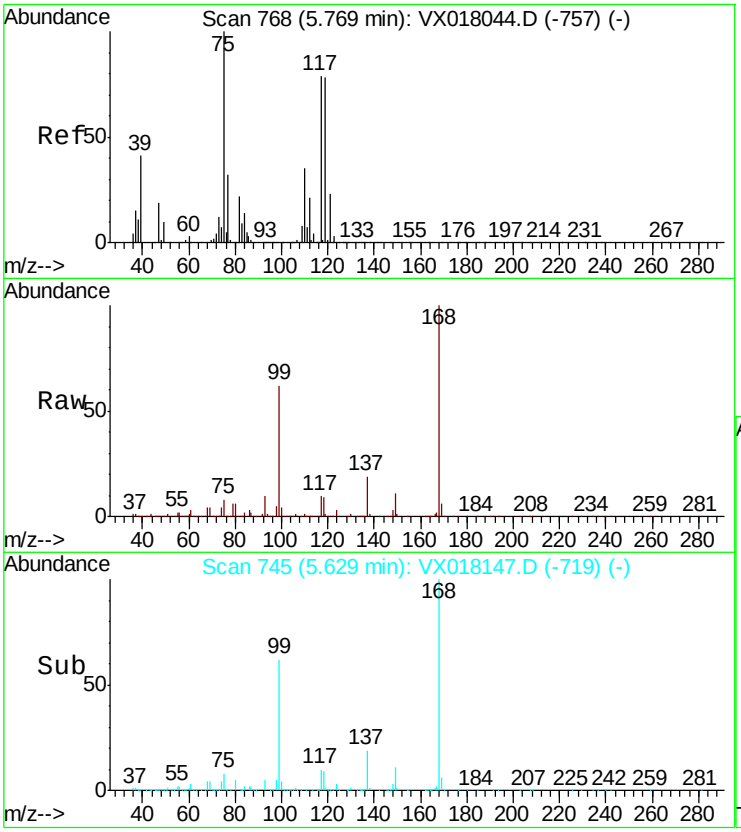




#35
Dibromofluoromethane
Concen: 50.441 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

Tgt Ion:113 Resp: 297689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.1 | 81.6 | 122.4 |
| 192 | 19.4 | 15.8 | 23.8 |



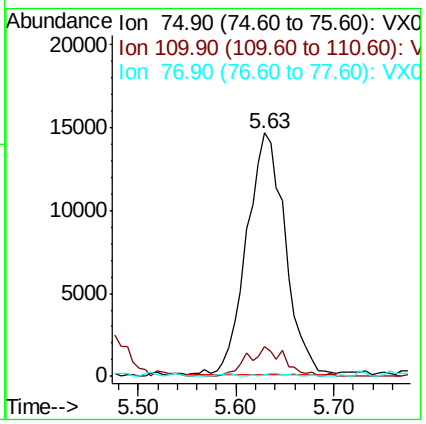


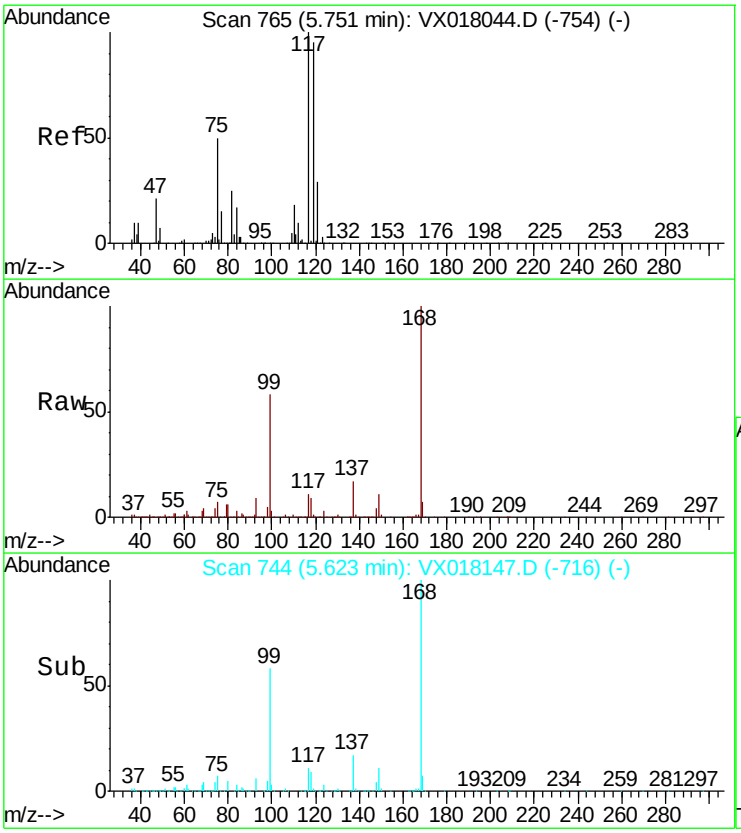

#36
1,1-Dichloropropene
Concen: 4.958 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

**Instrument :**
MSVOA_X
**ClientSampleId :**
MH-118.5N-20200827

Tgt Ion: 75 Resp: 39624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 11.8 | 18.0 | 54.0# |
| 77 | 0.7 | 24.4 | 36.6# |

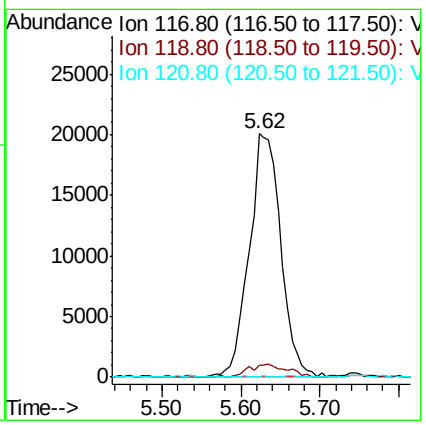


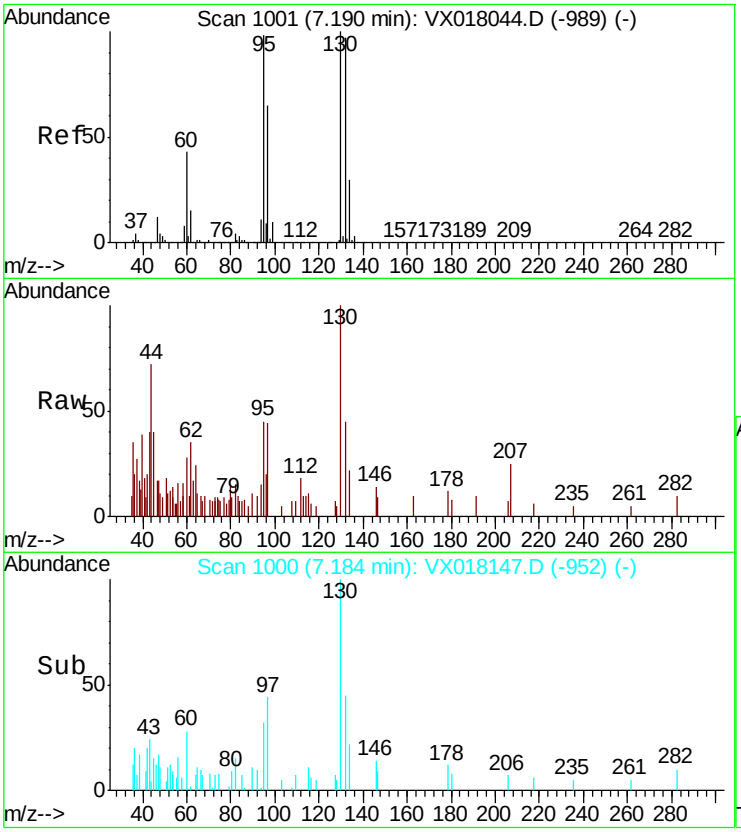




#38
Carbon Tetrachloride
Concen: 6.237 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

Tgt Ion:117 Resp: 56181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.4 | 75.8 | 113.6# |
| 121 | 0.3 | 23.4 | 35.0# |



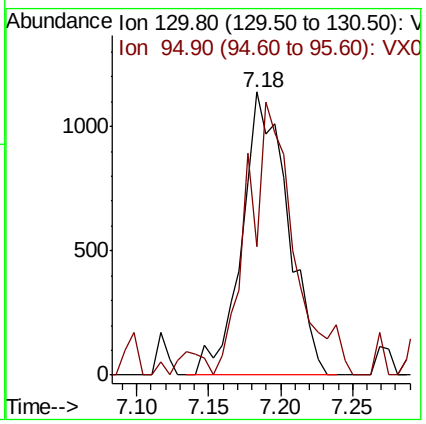


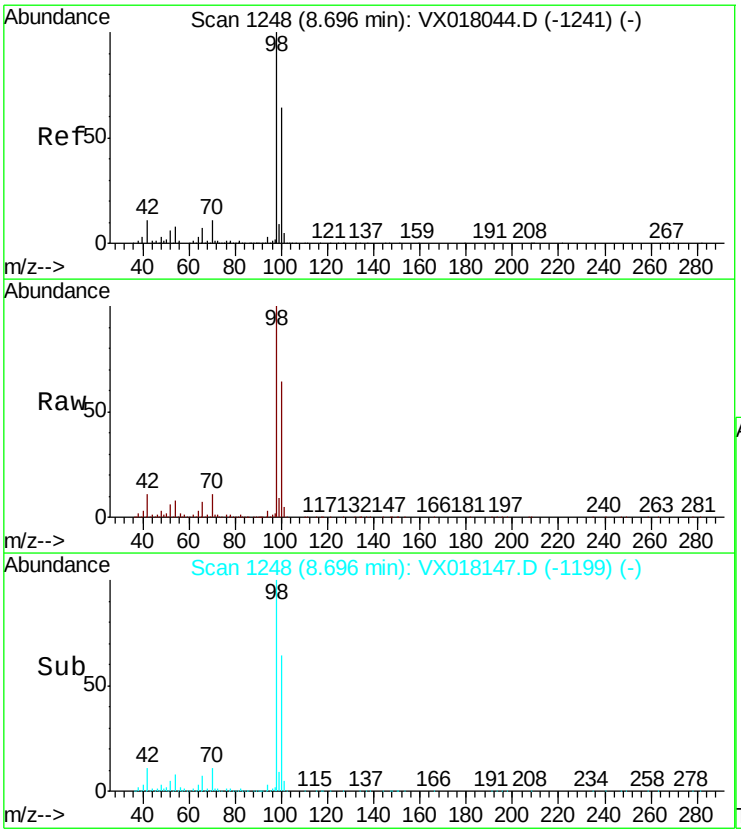

#44
Trichloroethene
Concen: 0.376 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

**Instrument :**
MSVOA_X
**ClientSampleId :**
MH-118.5N-20200827

Tgt Ion:130 Resp: 2495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 37.1 | 0.0 | 196.4 |

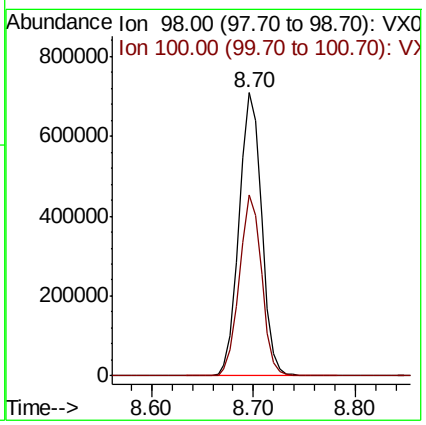


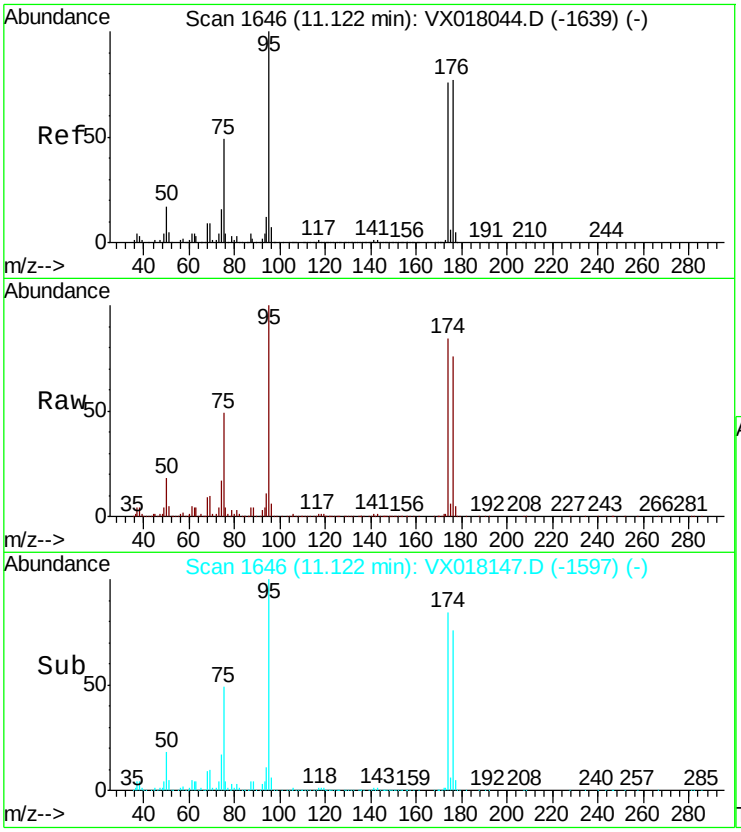




#50
Toluene-d8
Concen: 49.235 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

Tgt Ion: 98 Resp: 1082245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.1 | 52.2 | 78.4 |



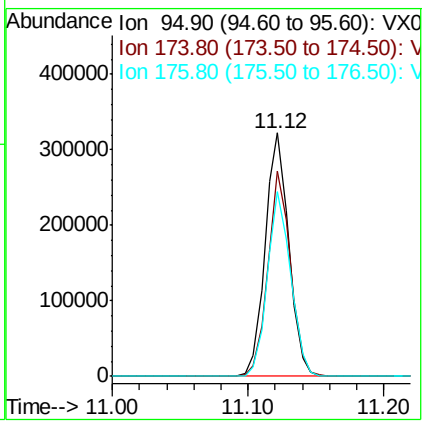


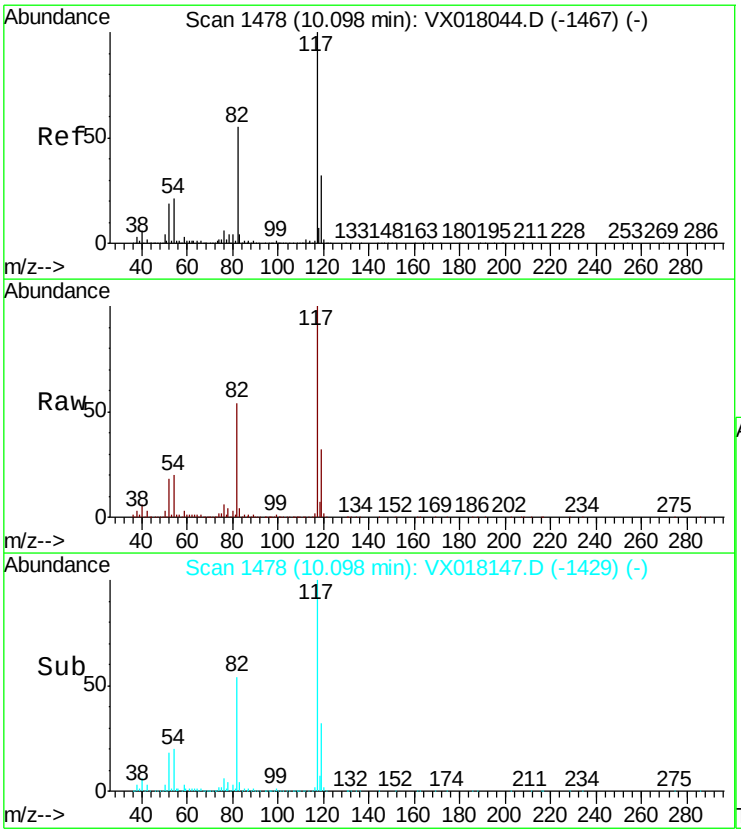

#62
4-Bromofluorobenzene
Concen: 45.443 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

**Instrument :**
MSVOA_X
**ClientSampleId :**
MH-118.5N-20200827

Tgt Ion: 95 Resp: 393000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 81.0 | 0.0 | 160.2 |
| 176 | 75.0 | 0.0 | 155.8 |

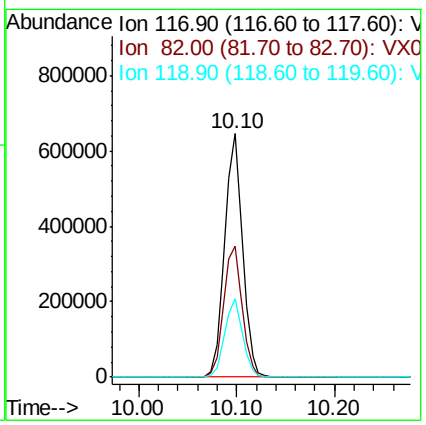


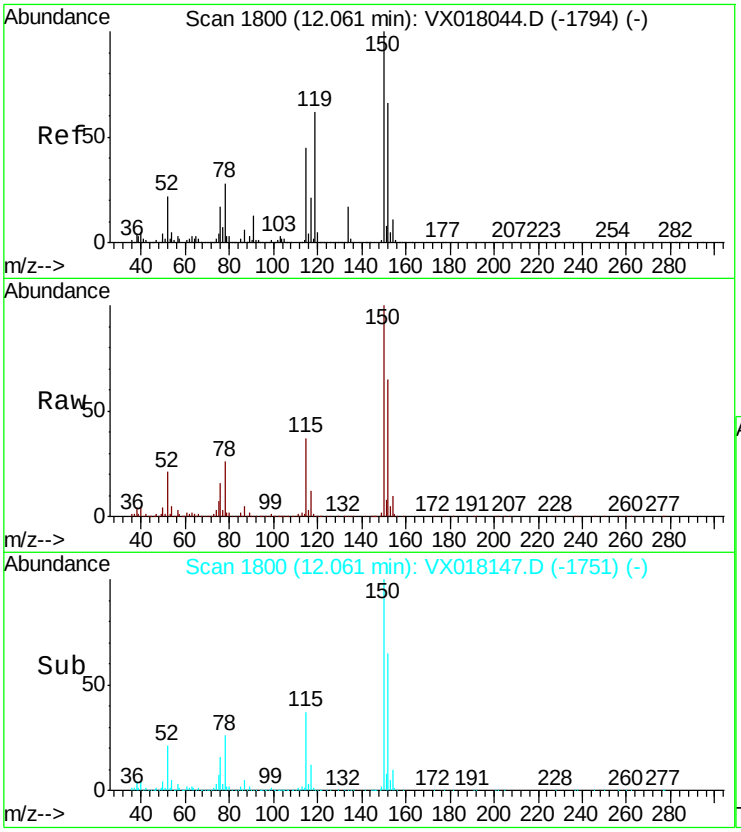




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

Tgt Ion:117 Resp: 824866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.6 | 44.2 | 66.2 |
| 119 | 32.3 | 25.7 | 38.5 |



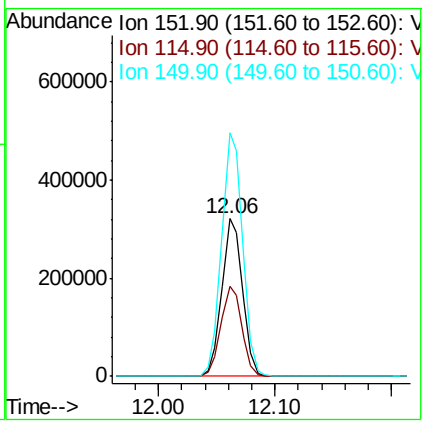


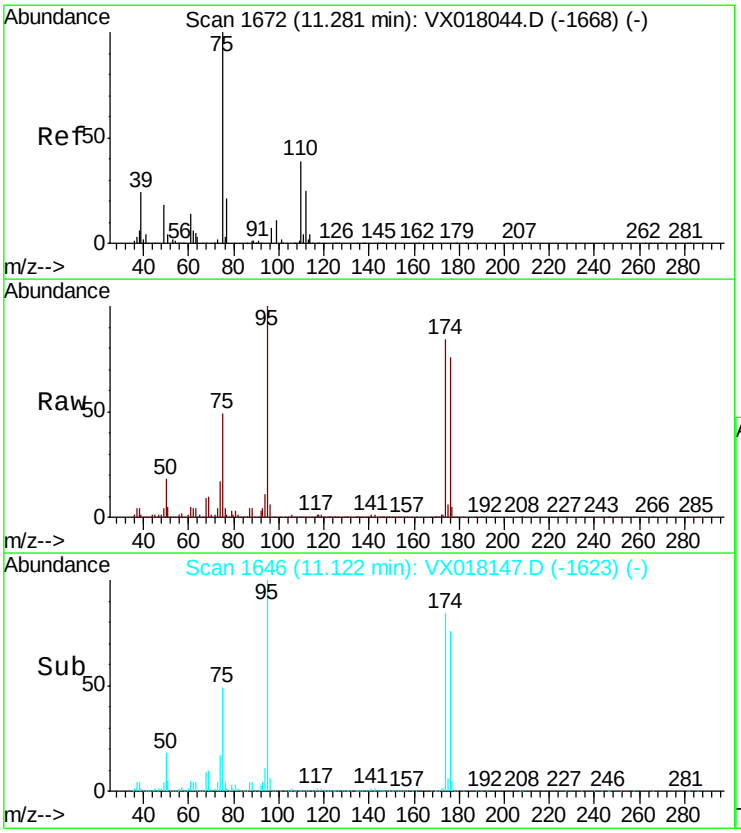

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

**Instrument :**
MSVOA_X
**ClientSampleId :**
MH-118.5N-20200827

Tgt Ion:152 Resp: 394257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 57.7 | 41.5 | 124.5 |
| 150 | 156.6 | 0.0 | 343.8 |

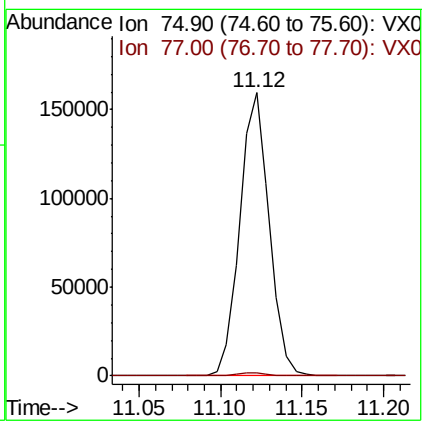


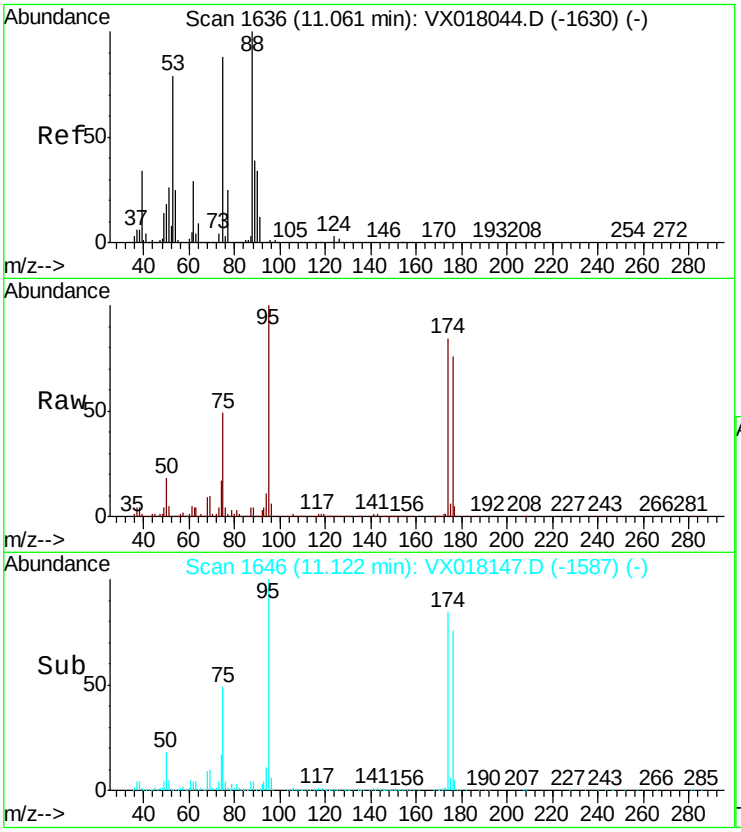




#76
1,2,3-Trichloropropane
Concen: 22.739 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

Tgt Ion: 75 Resp: 199427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.3 | 20.8 | 62.2# |






#81
trans-1,4-Dichloro-2-butene
Concen: 61.413 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX018147.D
Acq: 31 Aug 2020 15:07

**Instrument :**
MSVOA_X
**ClientSampleId :**
MH-118.5N-20200827

Tgt Ion: 75 Resp: 199427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 74.7 | 112.1# |
| 89 | 0.2 | 36.6 | 54.8# |