Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081920\NOT REVIEWED DATA\
Data File : VX017985.D
Acq On : 19 Aug 2020 15:18
Operator : JC/SP
Sample : L3718-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** BP-VPB181-GW-318-320

Quant Time: Aug 19 17:31:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:36:51 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.63 | 168 | 486546 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.84 | 114 | 751930 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.10 | 117 | 672795 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 323308 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.03 | 65 | 333777 | 46.80 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 93.60% | | | | |
| 35) Dibromofluoromethane | 5.47 | 113 | 260687 | 46.56 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 93.12% | | | | |
| 50) Toluene-d8 | 8.70 | 98 | 889251 | 44.93 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 89.86% | | | | |
| 62) 4-Bromofluorobenzene | 11.12 | 95 | 314493 | 43.02 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 86.04% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.18 | 85 | 223 | 1.019 | ug/l | | 92 |
| 3) Chloromethane | 1.32 | 50 | 2797 | 0.420 | ug/l | # | 85 |
| 4) Vinyl Chloride | 1.40 | 62 | 526 | 2.332 | ug/l | # | 44 |
| 11) Tert butyl alcohol | 3.01 | 59 | 303 | 0.220 | ug/l | # | 1 |
| 13) Acrolein | 2.28 | 56 | 1235 | 1.698 | ug/l | # | 42 |
| 16) Acetone | 2.42 | 43 | 10309 | 3.674 | ug/l | | 97 |
| 17) Carbon Disulfide | 2.56 | 76 | 4159 | 0.391 | ug/l | # | 94 |
| 20) Methylene Chloride | 2.84 | 84 | 3043 | 0.589 | ug/l | | 96 |
| 25) 2-Butanone | 4.65 | 43 | 1340 | 0.315 | ug/l | # | 54 |
| 36) 1,1-Dichloropropene | 5.63 | 75 | 37729 | 5.995 | ug/l | # | 51 |
| 38) Carbon Tetrachloride | 5.63 | 117 | 50619 | 6.214 | ug/l | # | 17 |
| 39) Methylcyclohexane | 7.26 | 83 | 226 | 0.841 | ug/l | | 94 |
| 42) 1,2-Dichloroethane | 6.17 | 62 | 1750 | 0.217 | ug/l | # | 67 |
| 49) 1,4-Dioxane | 7.73 | 88 | 799 | 6.476 | ug/l | # | 13 |
| 76) 1,2,3-Trichloropropane | 11.12 | 75 | 159277 | 23.166 | ug/l | # | 36 |
| 81) trans-1,4-Dichloro-2-buten | 11.12 | 75 | 159277 | 60.858 | ug/l | # | 12 |

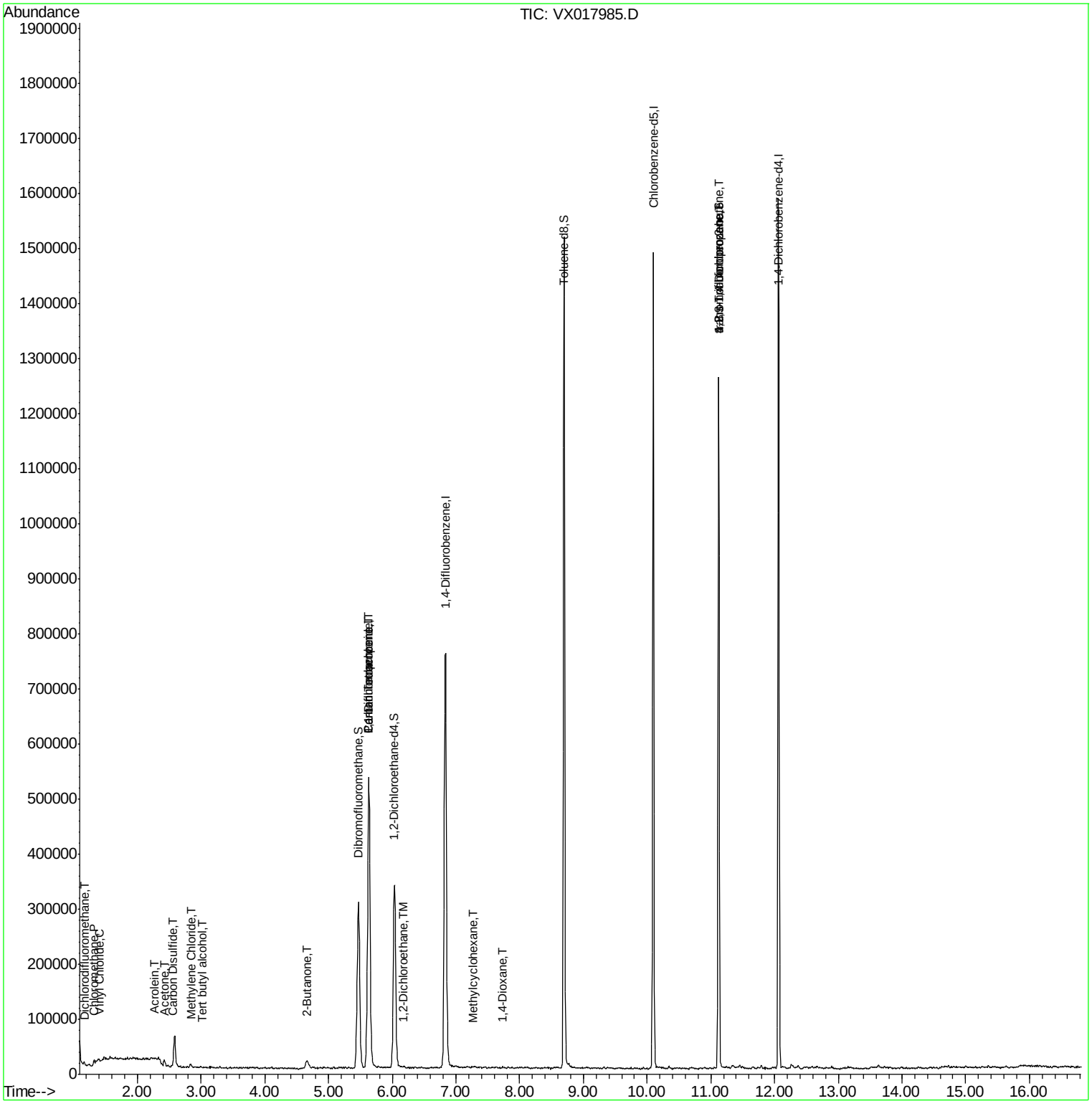
(#) = qualifier out of range (m) = manual integration (+) = signals summed

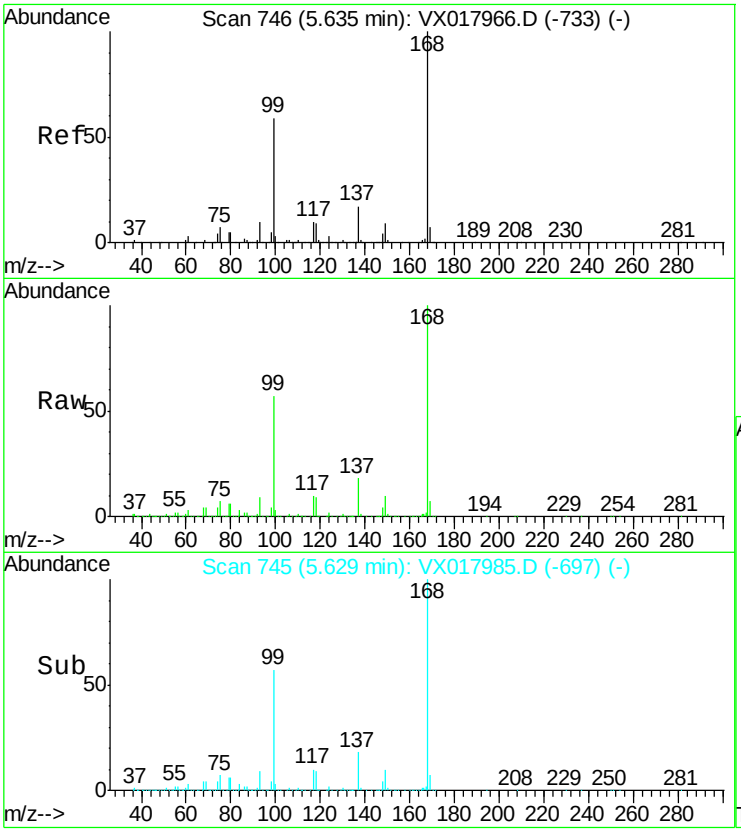
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081920\NOT REVIEWED DATA\
Data File : VX017985.D
Acq On : 19 Aug 2020 15:18
Operator : JC/SP
Sample : L3718-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB181-GW-318-320

Quant Time: Aug 19 17:31:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:36:51 2020
Response via : Initial Calibration



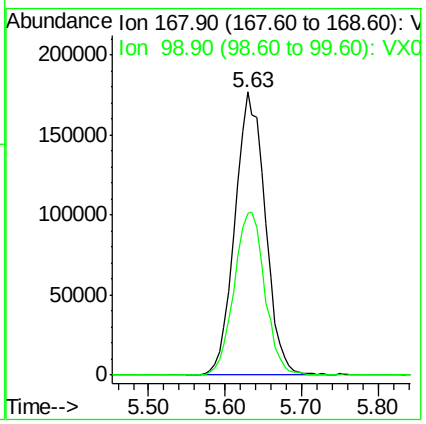


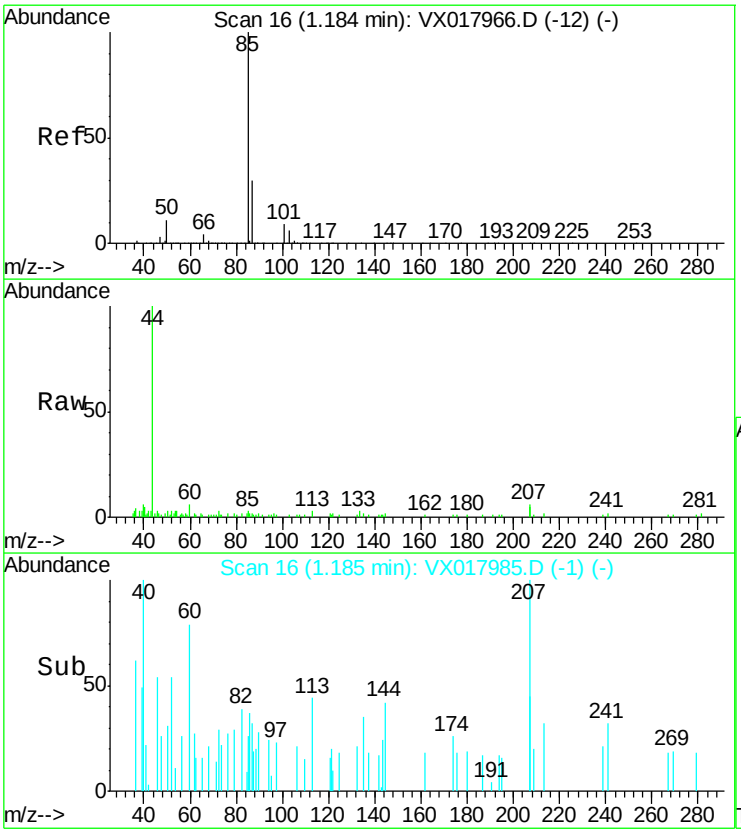

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB181-GW-318-320

Tgt Ion:168 Resp: 486546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 57.3 | 47.4 | 71.2 |

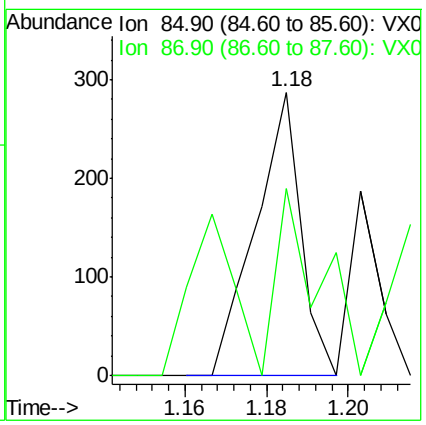


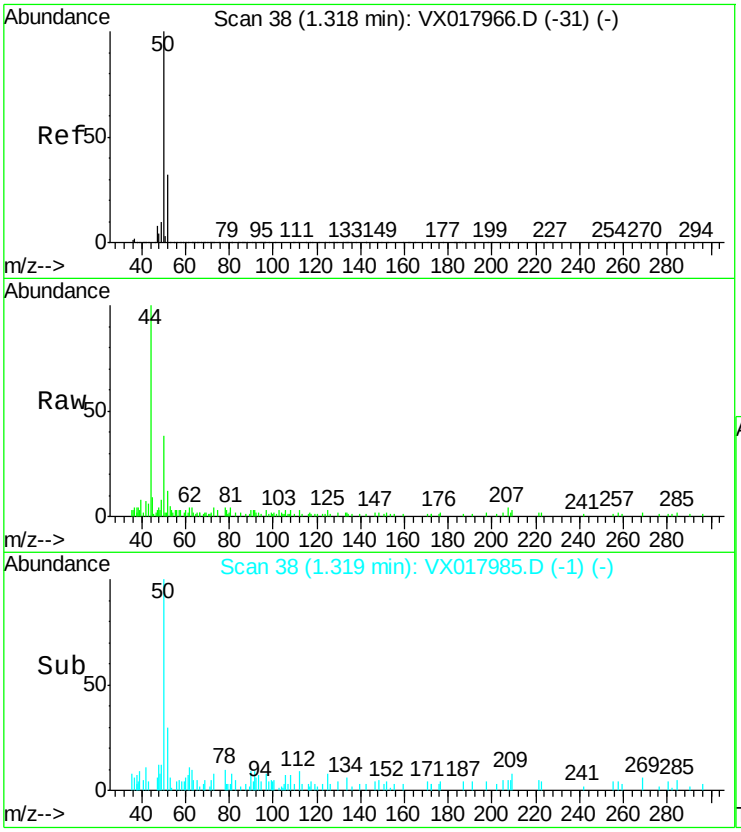




#2
Dichlorodifluoromethane
Concen: 1.019 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

Tgt Ion: 85 Resp: 223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 34.8 | 15.3 | 45.8 |



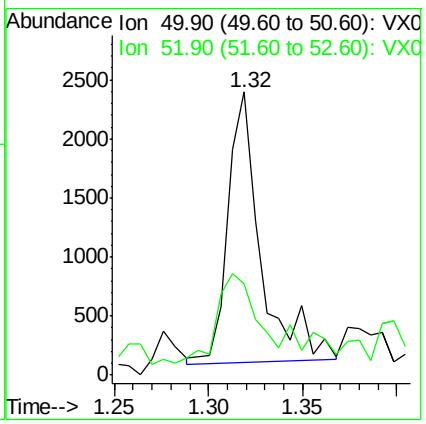


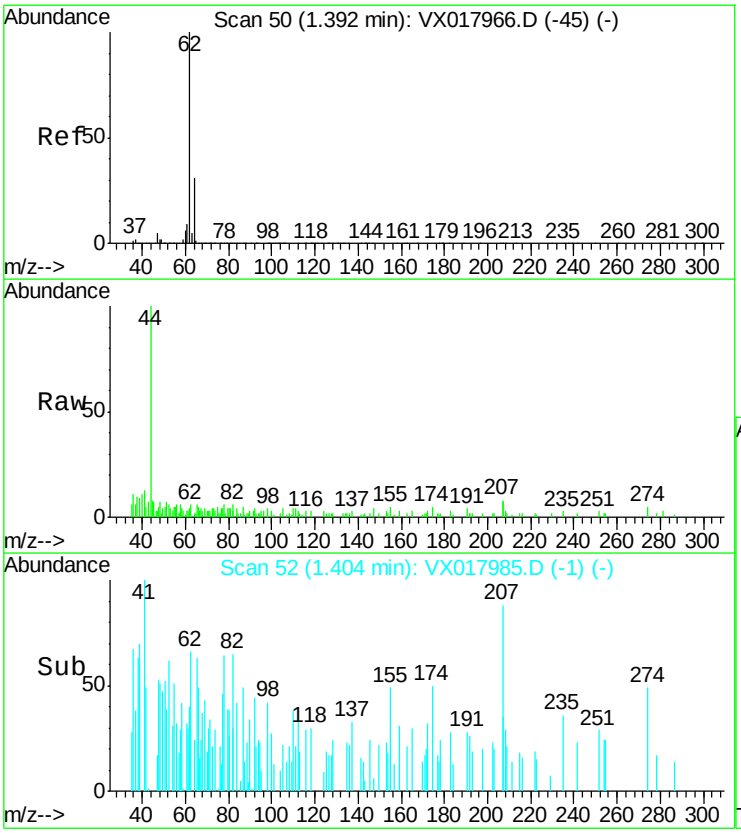

#3
Chloromethane
Concen: 0.420 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.00 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB181-GW-318-320

Tgt Ion: 50 Resp: 2797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 23.5 | 25.4 | 38.0# |

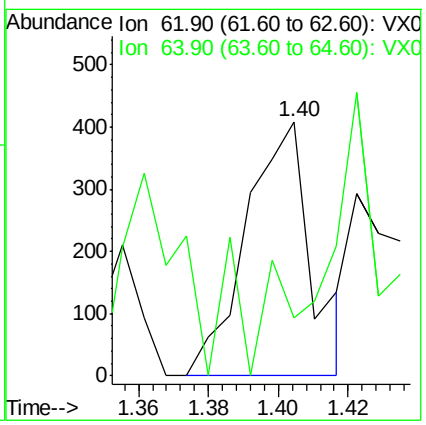


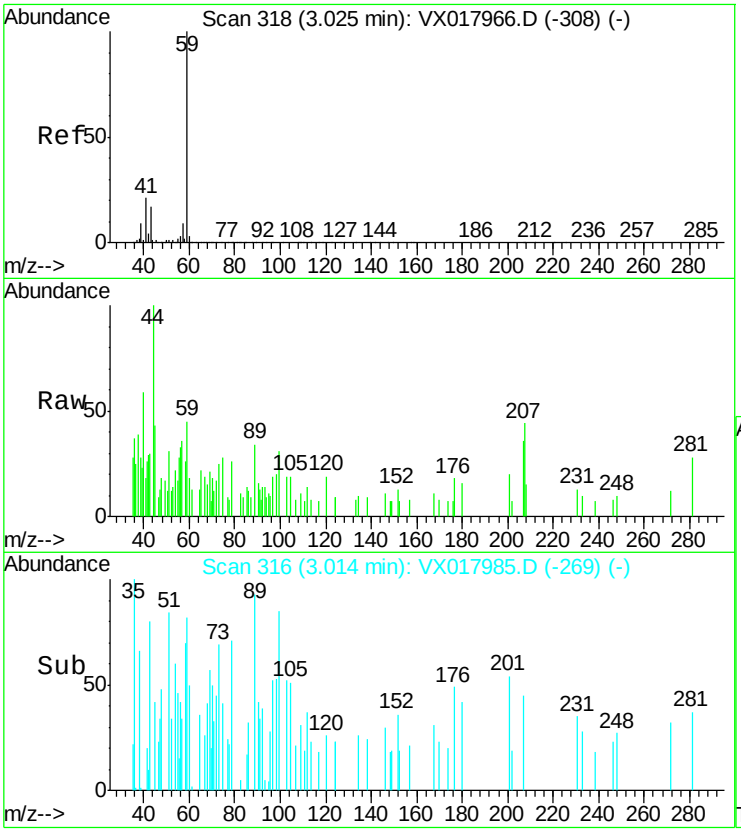




#4
Vinyl Chloride
Concen: 2.332 ug/l
RT: 1.40 min Scan# 52
Delta R.T. 0.01 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

Tgt Ion: 62 Resp: 526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 0.0 | 24.7 | 37.1# |



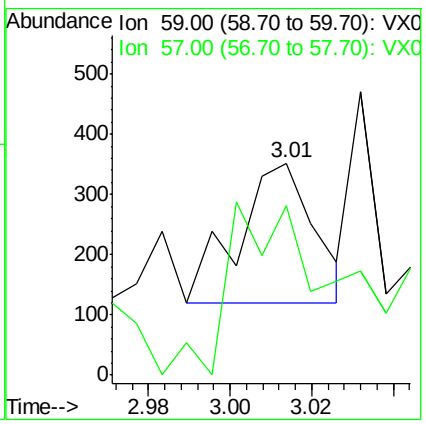


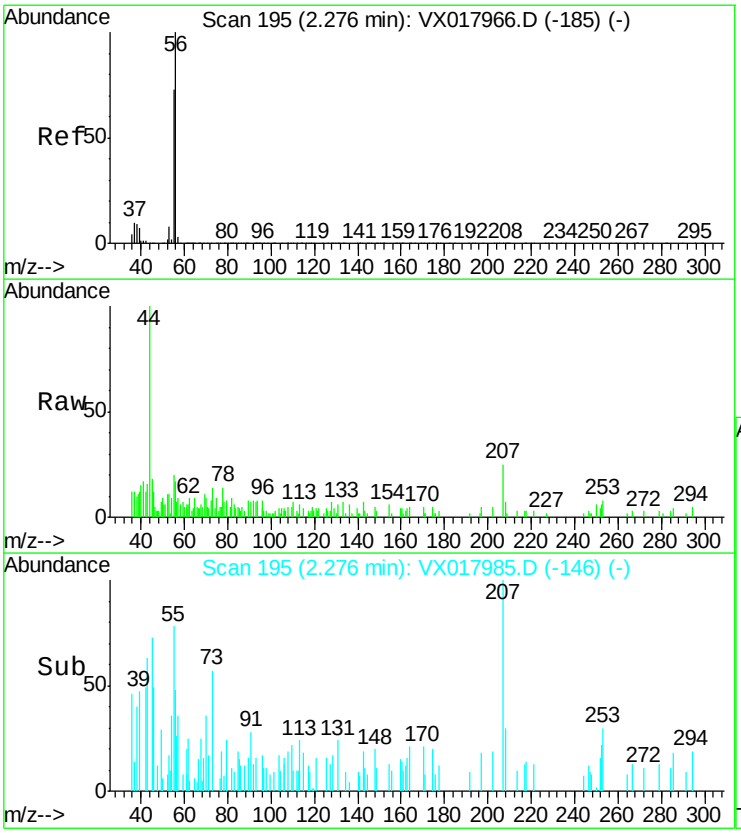

#11
Tert butyl alcohol
Concen: 0.220 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB181-GW-318-320

Tgt Ion: 59 Resp: 303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 201.3 | 8.6 | 13.0# |

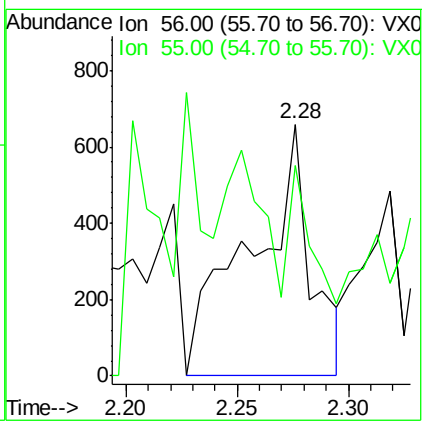


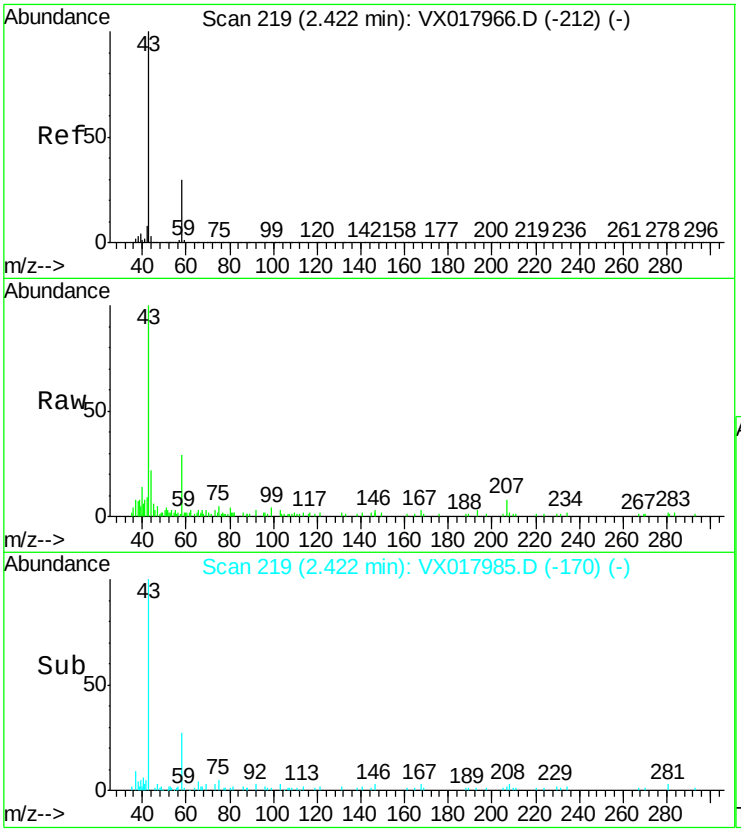




#13
Acrolein
Concen: 1.698 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

Tgt Ion: 56 Resp: 1235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 24.0 | 58.2 | 87.4# |



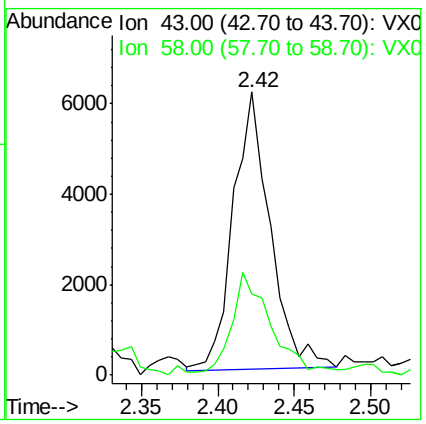


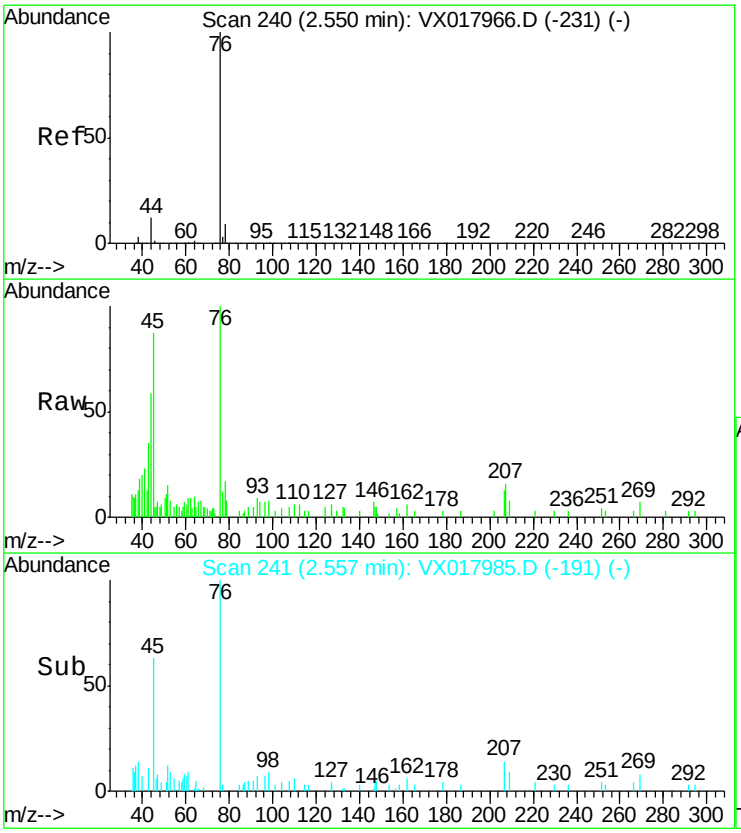

#16
Acetone
Concen: 3.674 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB181-GW-318-320

Tgt Ion: 43 Resp: 10309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.4 | 23.8 | 35.8 |

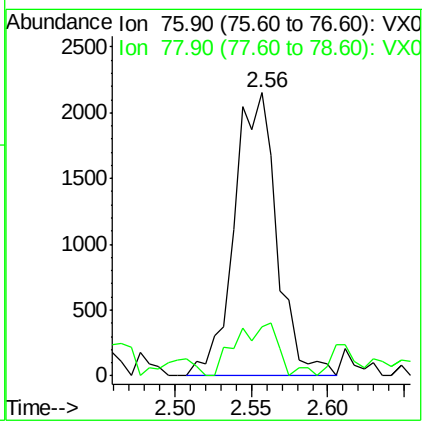


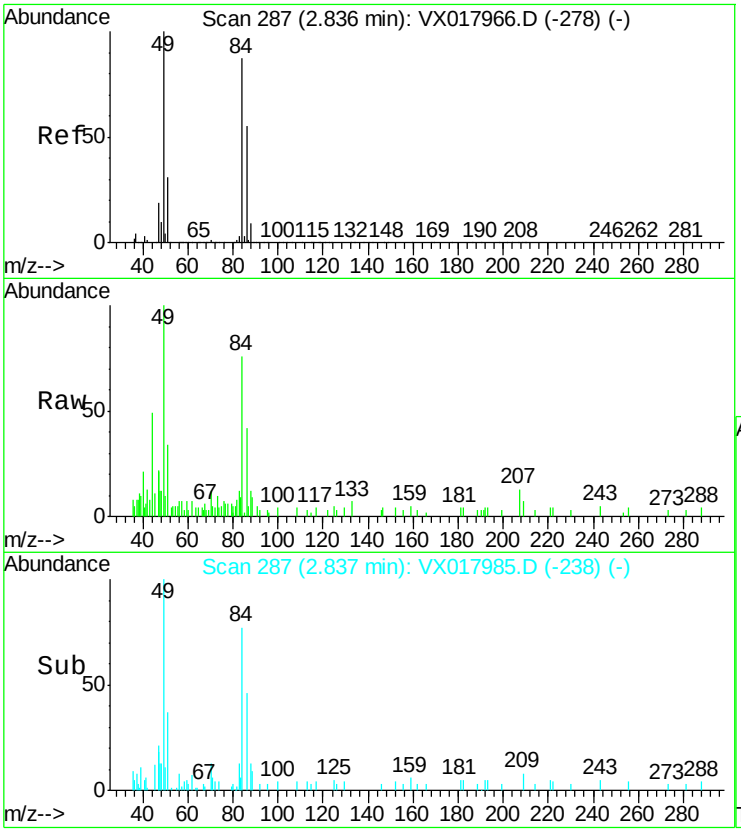




#17
Carbon Disulfide
Concen: 0.391 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

Tgt Ion: 76 Resp: 4159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 11.3 | 7.3 | 10.9# |



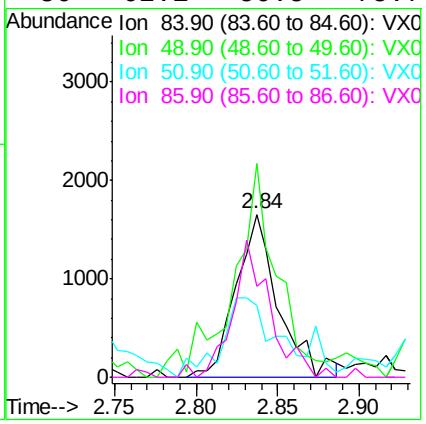


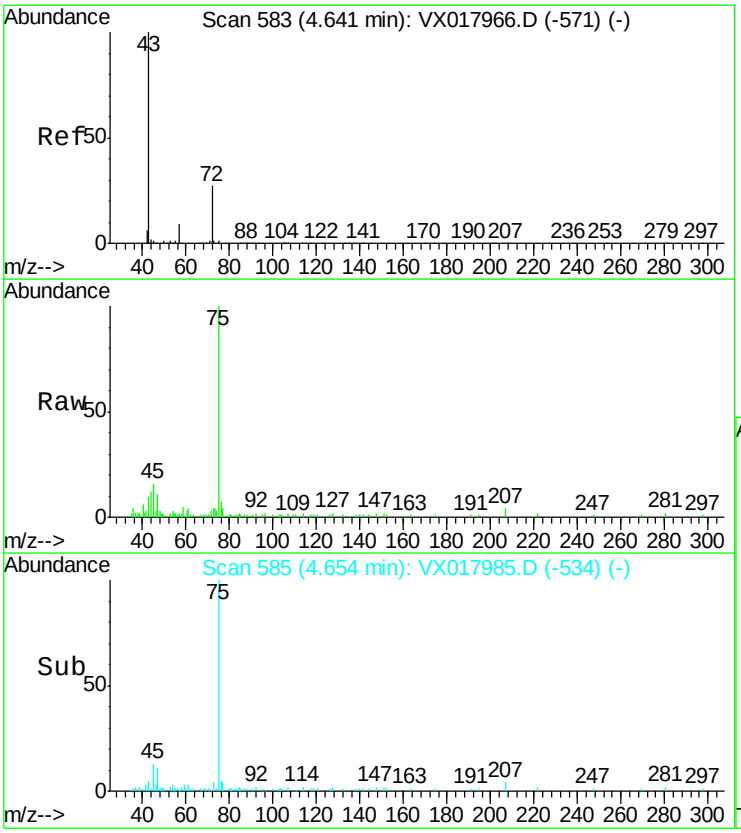

#20
Methylene Chloride
Concen: 0.589 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB181-GW-318-320

Tgt Ion: 84 Resp: 3043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 119.1 | 91.8 | 137.6 |
| 51 | 40.6 | 27.8 | 41.8 |
| 86 | 62.1 | 50.5 | 75.7 |

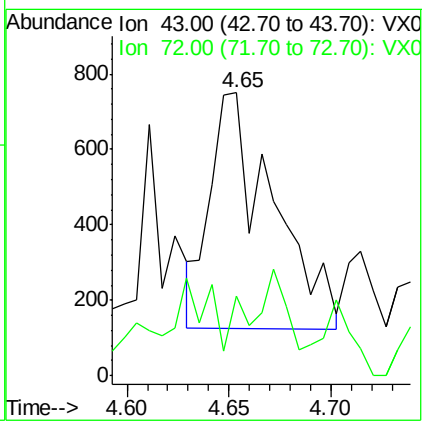


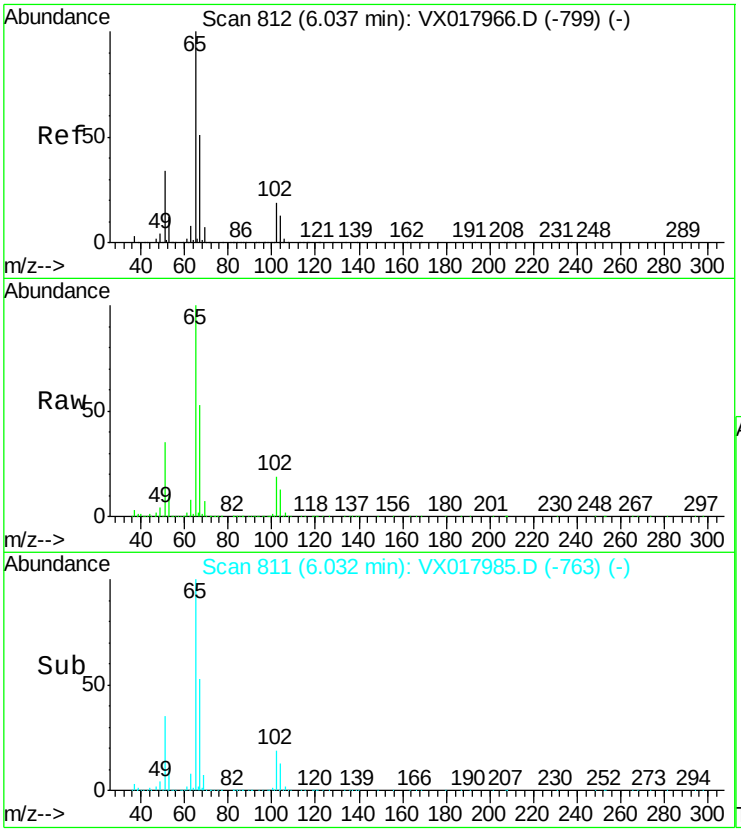




#25
2-Butanone
Concen: 0.315 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.01 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

Tgt Ion: 43 Resp: 1340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 50.5 | 21.4 | 32.2# |



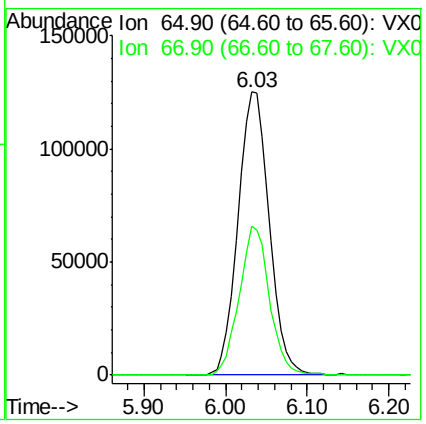


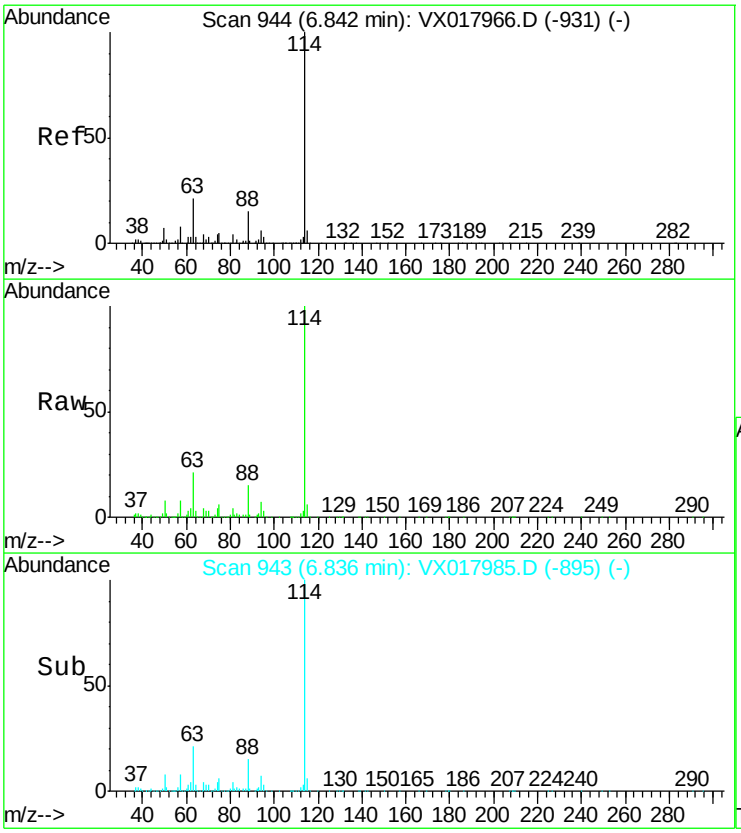

#33
1,2-Dichloroethane-d4
Concen: 46.797 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.01 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB181-GW-318-320

Tgt Ion: 65 Resp: 333777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.6 | 0.0 | 103.0 |

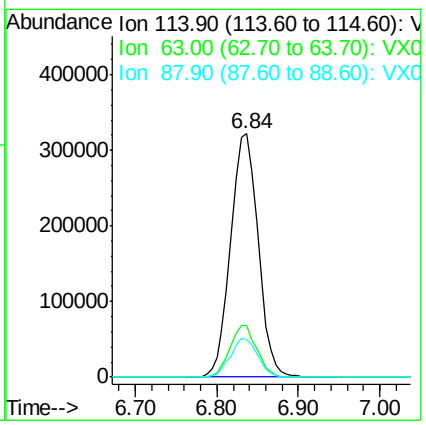


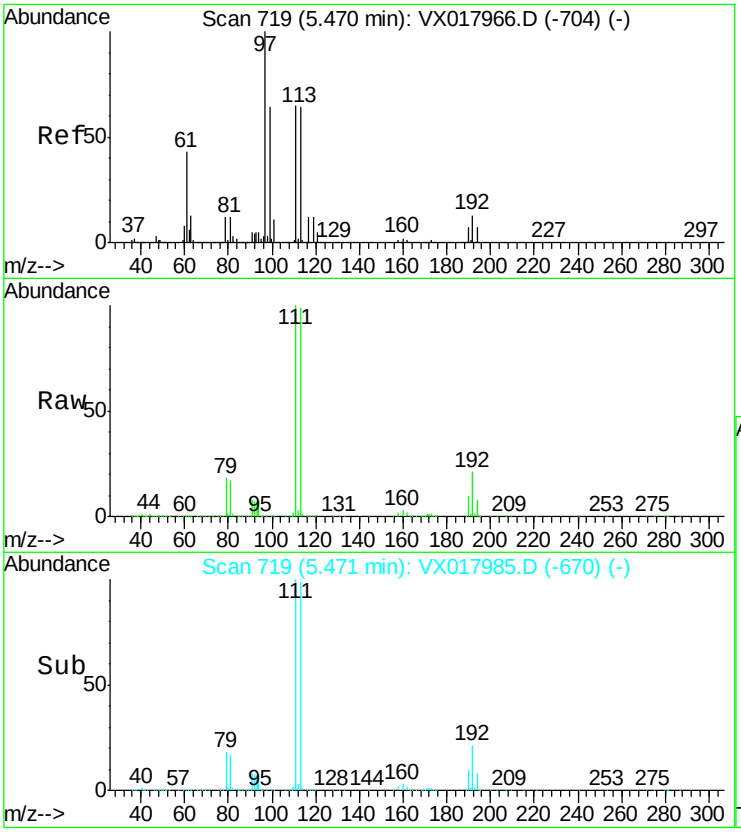




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. -0.01 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

Tgt Ion:114 Resp: 751930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.0 | 0.0 | 42.6 |
| 88 | 15.2 | 0.0 | 30.2 |



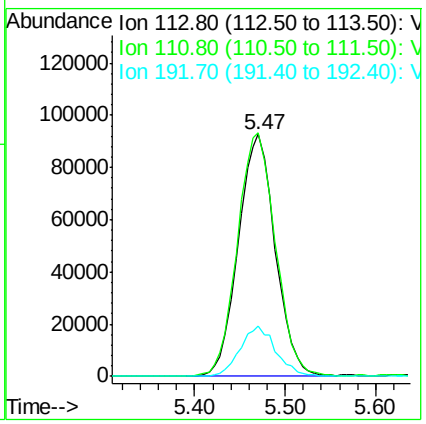


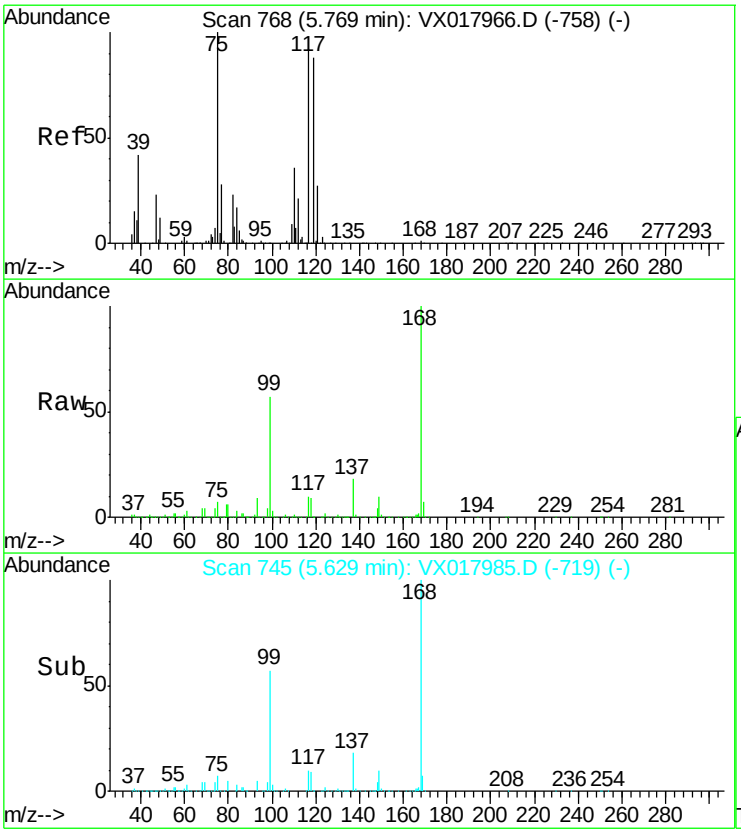

#35
Dibromofluoromethane
Concen: 46.555 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB181-GW-318-320

Tgt Ion:113 Resp: 260687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.8 | 83.5 | 125.3 |
| 192 | 20.2 | 16.2 | 24.4 |

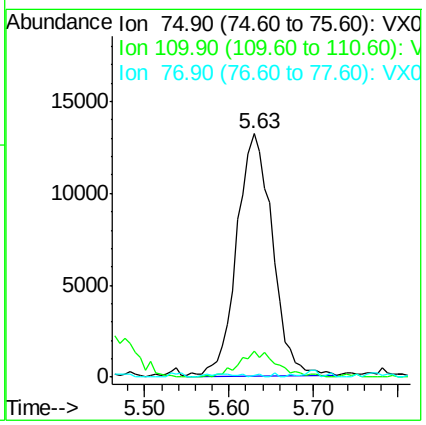


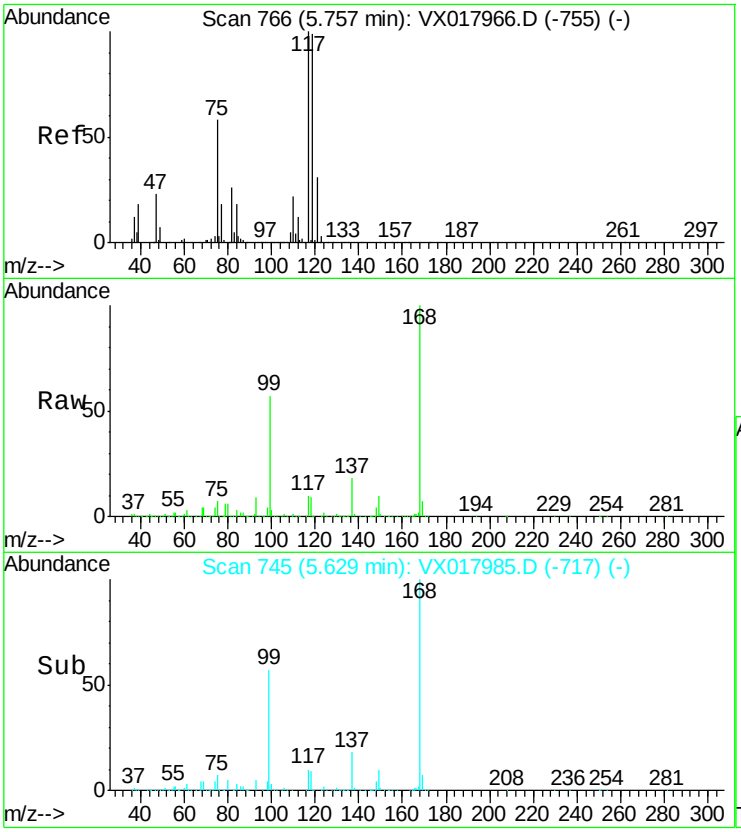




#36
1,1-Dichloropropene
Concen: 5.995 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

Tgt Ion: 75 Resp: 37729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 11.7 | 18.7 | 56.1# |
| 77 | 0.3 | 24.4 | 36.6# |



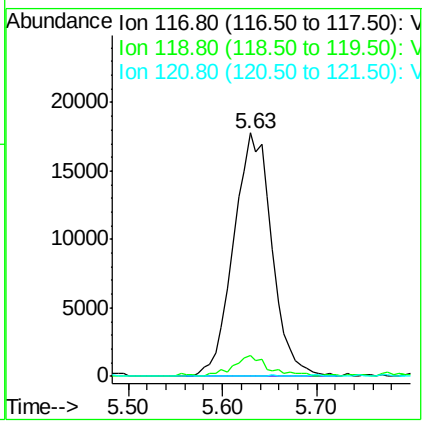


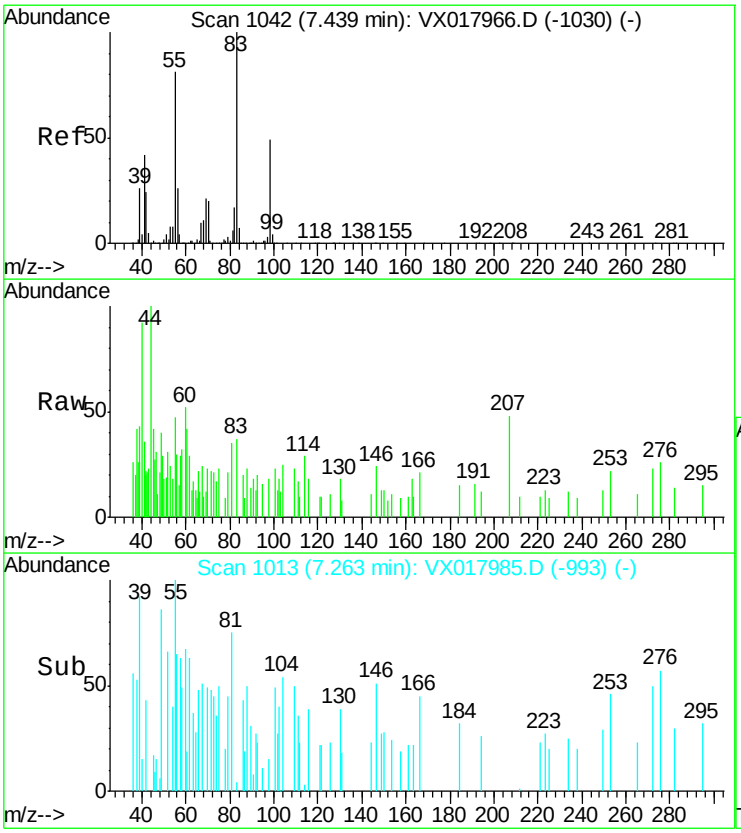

#38
Carbon Tetrachloride
Concen: 6.214 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB181-GW-318-320

Tgt Ion:117 Resp: 50619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 7.9 | 79.0 | 118.6# |
| 121 | 0.0 | 24.7 | 37.1# |

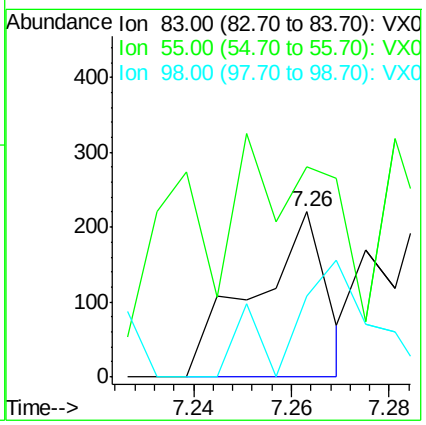


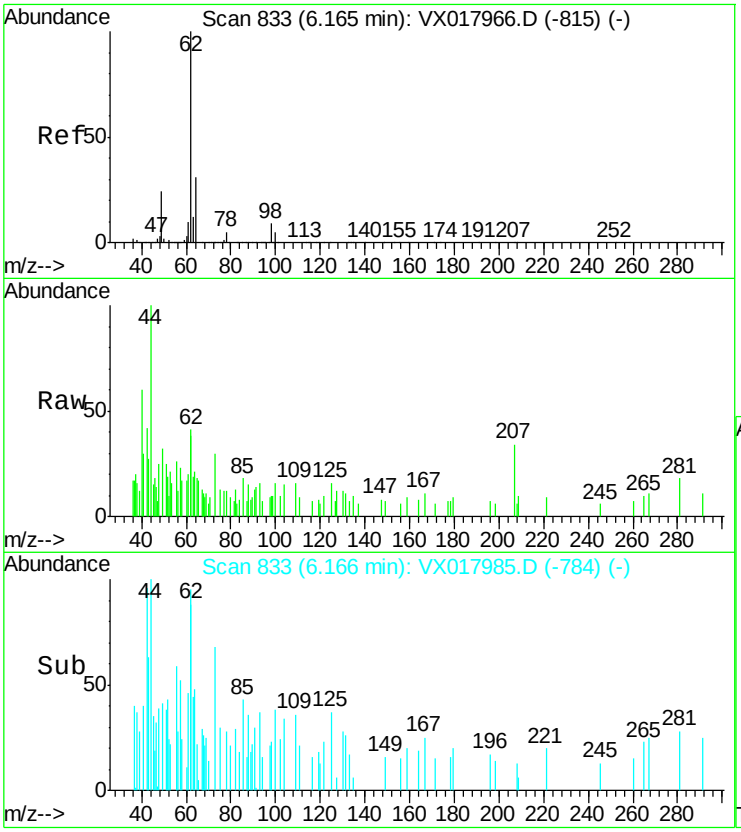




#39
Methylcyclohexane
Concen: 0.841 ug/l
RT: 7.26 min Scan# 1013
Delta R.T. -0.18 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

Tgt Ion: 83 Resp: 226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 89.5 | 64.5 | 96.7 |
| 98 | 49.1 | 39.0 | 58.6 |



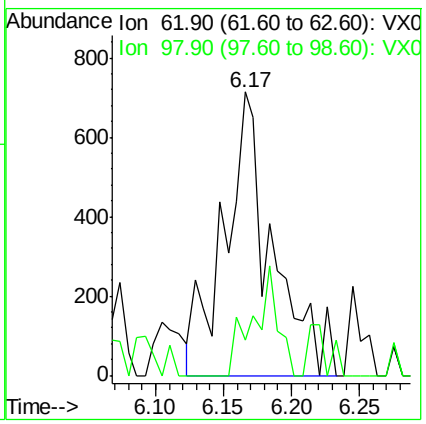


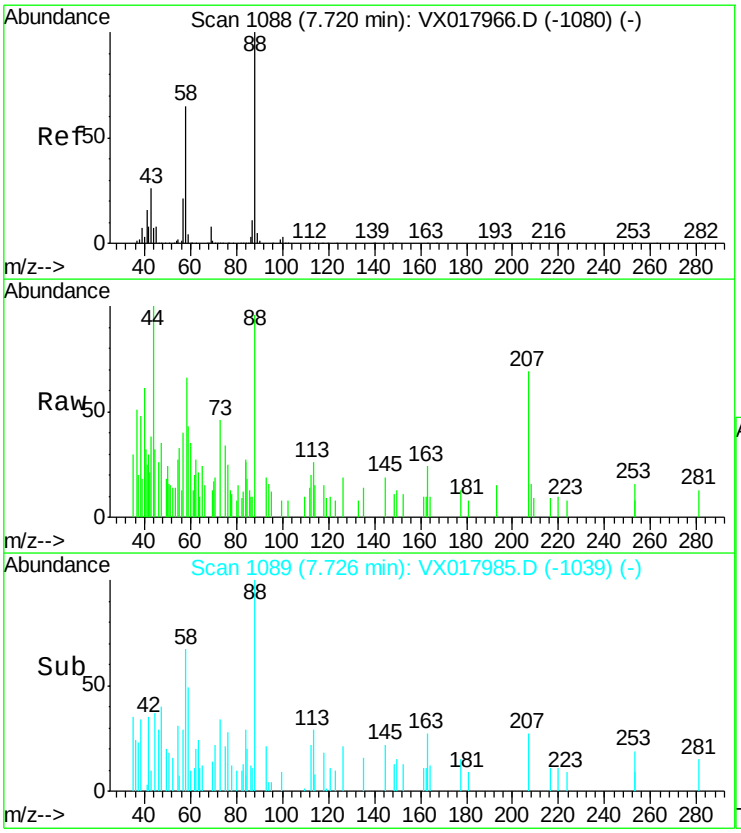

#42
1,2-Dichloroethane
Concen: 0.217 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB181-GW-318-320

Tgt Ion: 62 Resp: 1750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 20.5 | 0.0 | 17.2# |

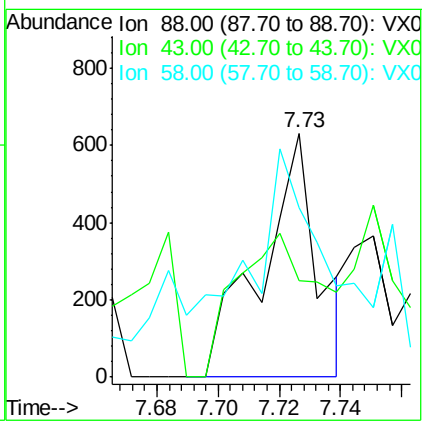


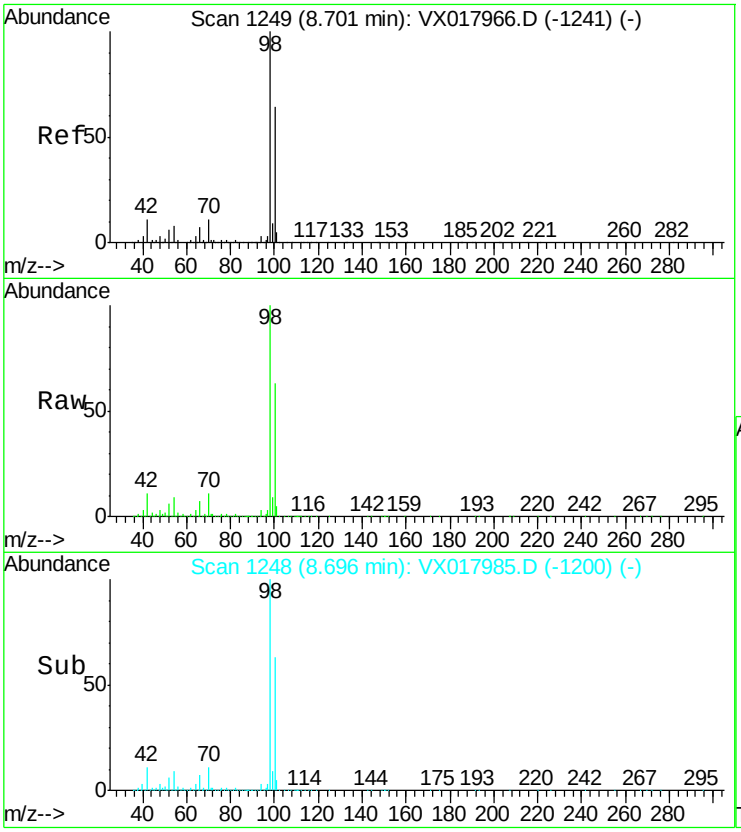




#49
1,4-Dioxane
Concen: 6.476 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

Tgt Ion: 88 Resp: 799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 86.6 | 27.3 | 40.9# |
| 58 | 143.2 | 57.7 | 86.5# |



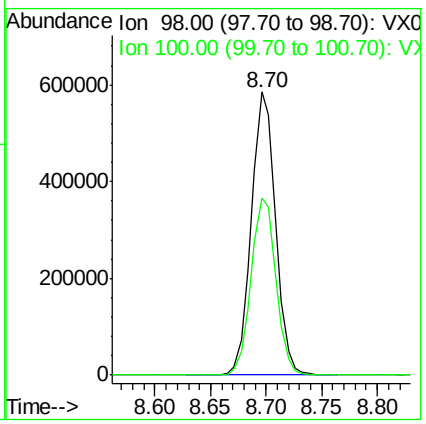


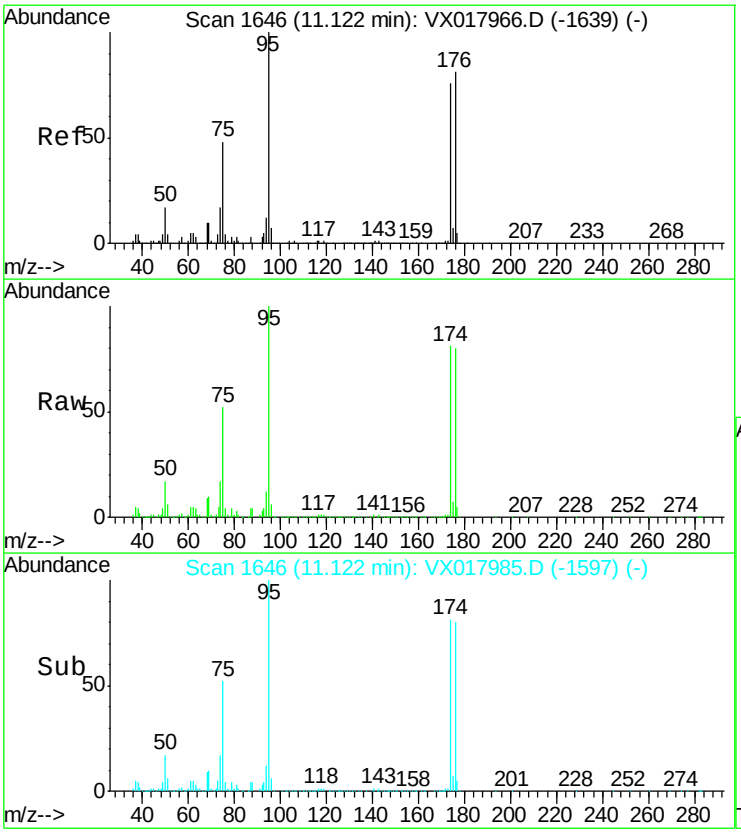

#50
Toluene-d8
Concen: 44.928 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB181-GW-318-320

Tgt Ion: 98 Resp: 889251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.3 | 51.4 | 77.2 |

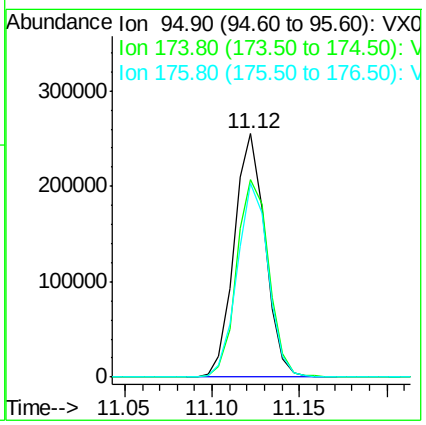


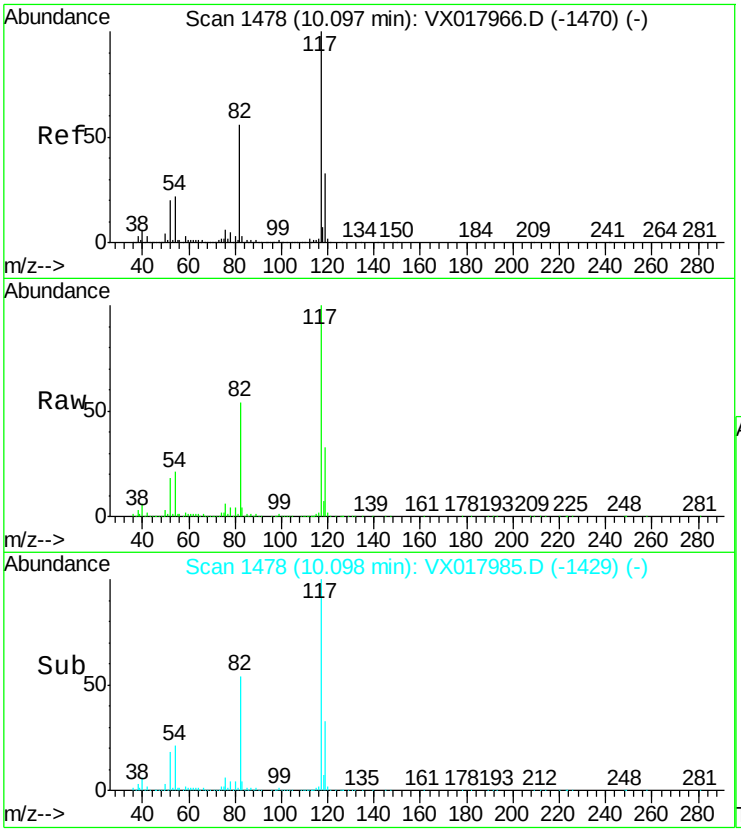




#62
4-Bromofluorobenzene
Concen: 43.020 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

Tgt Ion: 95 Resp: 314493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 84.2 | 0.0 | 166.0 |
| 176 | 80.1 | 0.0 | 161.0 |



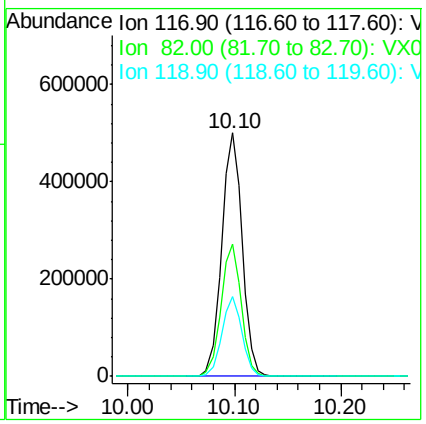


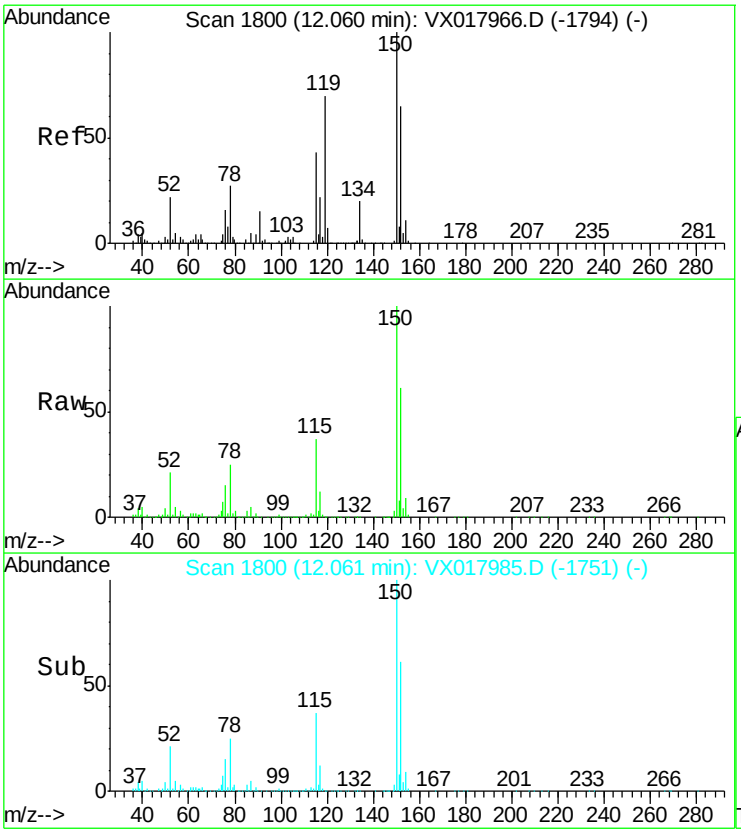

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB181-GW-318-320

Tgt Ion:117 Resp: 672795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.2 | 44.6 | 66.8 |
| 119 | 32.7 | 26.2 | 39.4 |

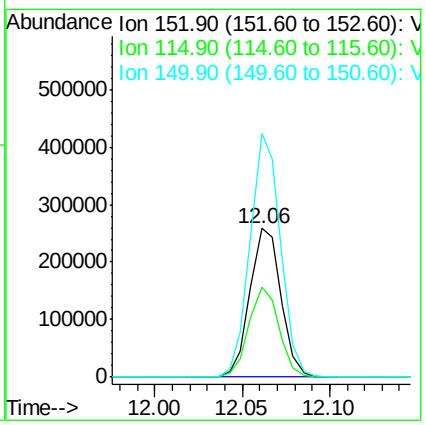


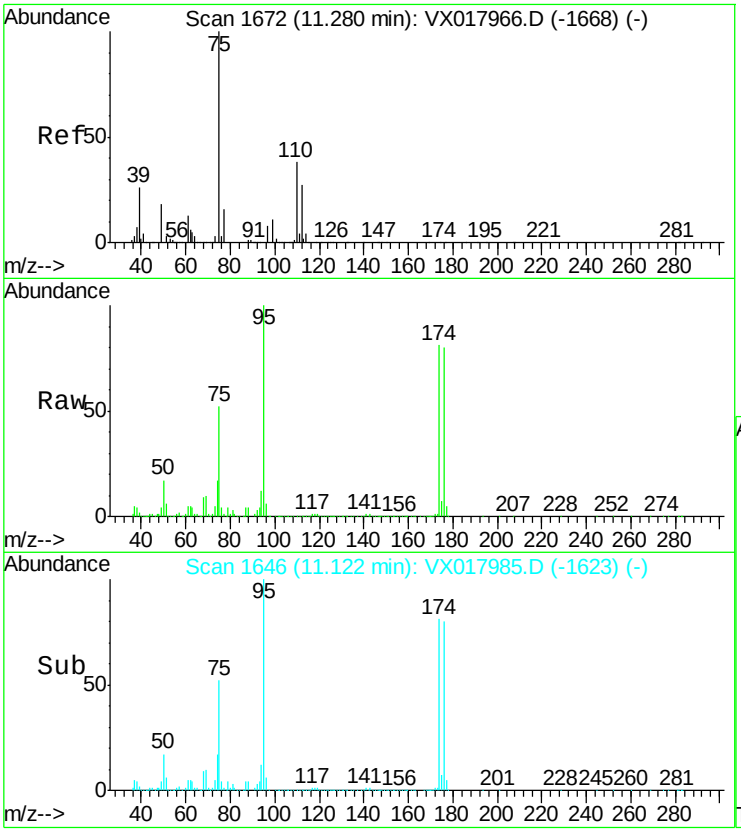




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

Tgt Ion:152 Resp: 323308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 58.8 | 40.6 | 121.7 |
| 150 | 160.1 | 0.0 | 346.4 |



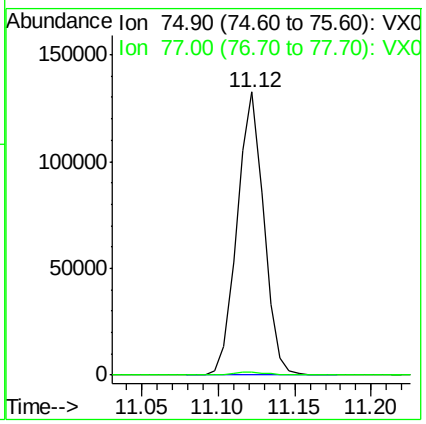


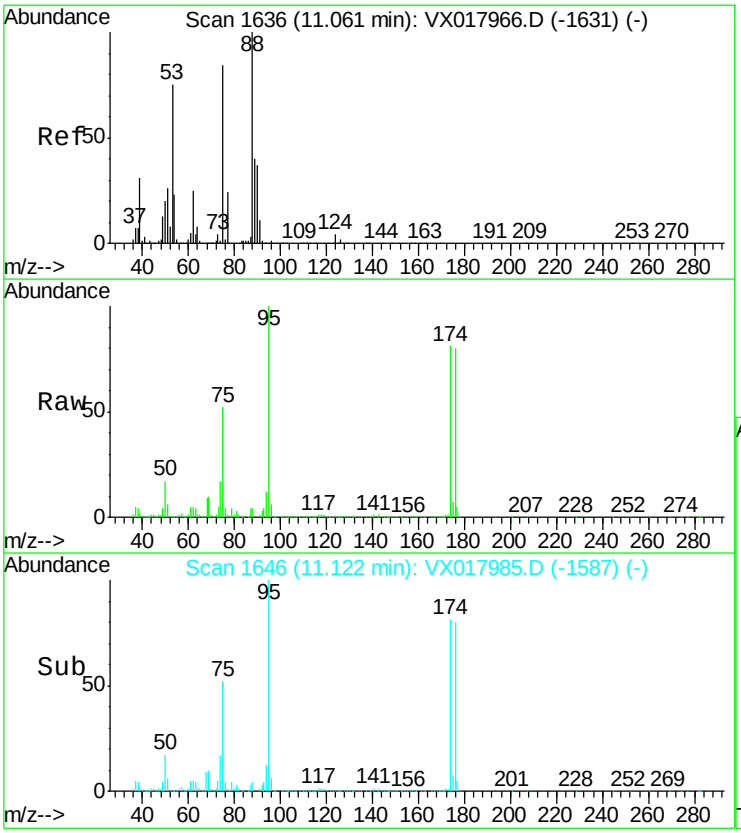

#76
1,2,3-Trichloropropane
Concen: 23.166 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB181-GW-318-320

Tgt Ion: 75 Resp: 159277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.8 | 21.1 | 63.1# |




#81
trans-1,4-Dichloro-2-butene
Concen: 60.858 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017985.D
Acq: 19 Aug 2020 15:18

Tgt Ion: 75 Resp: 159277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.3 | 75.2 | 112.8# |
| 89 | 0.1 | 38.4 | 57.6# |