Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051420\
Data File : VX016234.D
Acq On : 14 May 2020 16:24
Operator : JC/SP
Sample : L2643-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** SS004MW010-200513

Quant Time: May 15 01:34:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

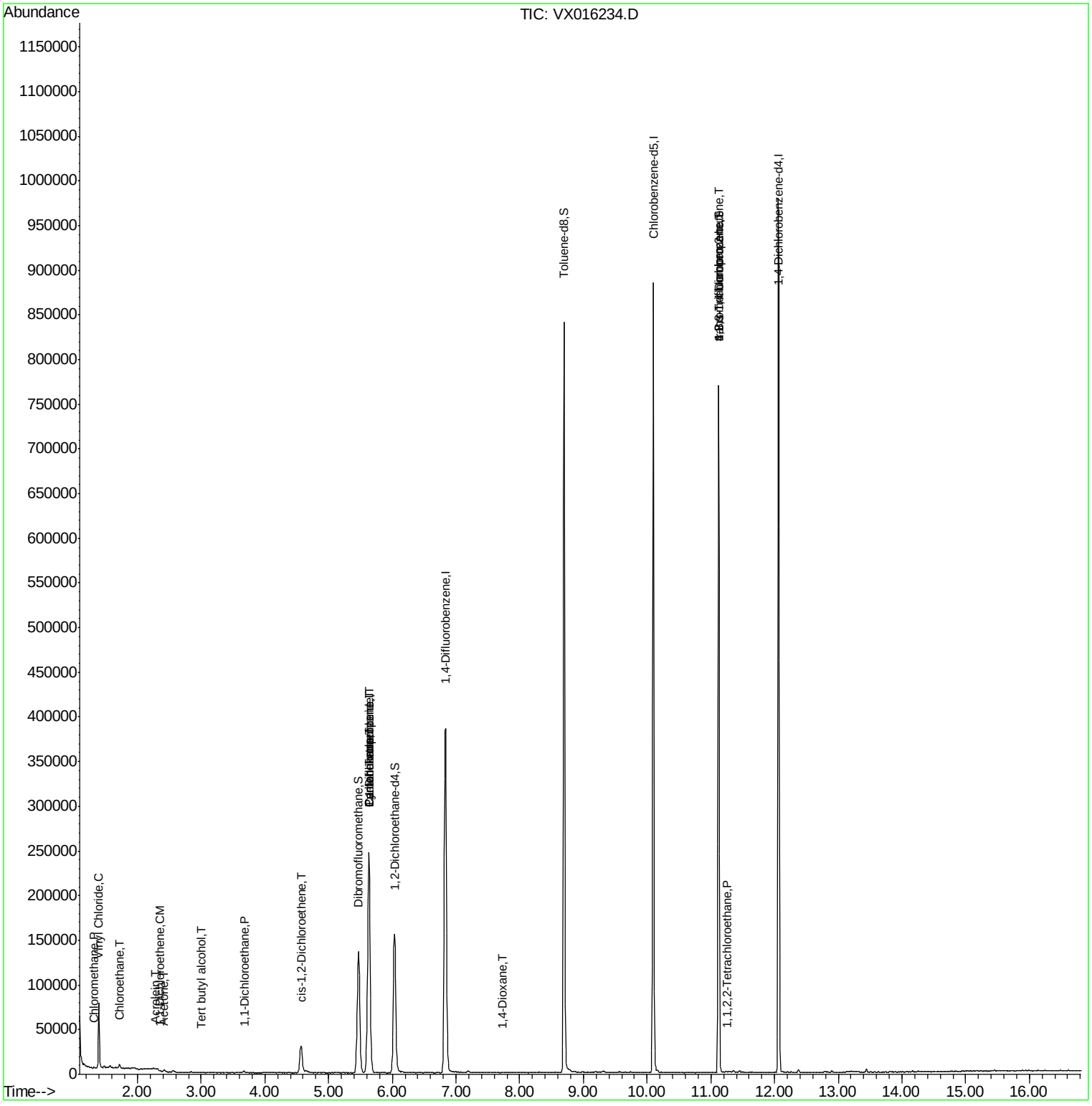
| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.64 | 168 | 241461 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.84 | 114 | 402515 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.10 | 117 | 402831 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 205619 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.04 | 65 | 151249 | 47.60 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.20% | | | | |
| 35) Dibromofluoromethane | 5.47 | 113 | 121704 | 47.73 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.46% | | | | |
| 50) Toluene-d8 | 8.70 | 98 | 502363 | 51.13 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.26% | | | | |
| 62) 4-Bromofluorobenzene | 11.12 | 95 | 201369 | 53.88 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 107.76% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 3) Chloromethane | 1.31 | 50 | 761 | 0.26 | ug/l | | 89 |
| 4) Vinyl Chloride | 1.39 | 62 | 43065 | 13.60 | ug/l | | 99 |
| 6) Chloroethane | 1.72 | 64 | 2234 | 1.16 | ug/l | | 98 |
| 11) Tert butyl alcohol | 3.00 | 59 | 469 | 0.58 | ug/l | # | 72 |
| 12) 1,1-Dichloroethene | 2.35 | 96 | 764 | 0.30 | ug/l | # | 28 |
| 13) Acrolein | 2.28 | 56 | 381 | 0.76 | ug/l | # | 72 |
| 16) Acetone | 2.42 | 43 | 2268 | 1.60 | ug/l | # | 78 |
| 24) 1,1-Dichloroethane | 3.68 | 63 | 2201 | 0.45 | ug/l | # | 84 |
| 27) cis-1,2-Dichloroethene | 4.57 | 96 | 20814 | 6.81 | ug/l | | 84 |
| 31) Cyclohexane | 5.63 | 56 | 4576 | 1.04 | ug/l | # | 1 |
| 36) 1,1-Dichloropropene | 5.64 | 75 | 17825 | 4.50 | ug/l | # | 49 |
| 38) Carbon Tetrachloride | 5.64 | 117 | 23259 | 5.78 | ug/l | # | 14 |
| 49) 1,4-Dioxane | 7.72 | 88 | 124 | 1.49 | ug/l | # | 24 |
| 75) 1,1,2,2-Tetrachloroethane | 11.25 | 83 | 28 | 2.06 | ug/l | # | 26 |
| 76) 1,2,3-Trichloropropane | 11.12 | 75 | 98995 | 21.22 | ug/l | # | 35 |
| 81) trans-1,4-Dichloro-2-buten | 11.12 | 75 | 98995 | 50.56 | ug/l | # | 13 |

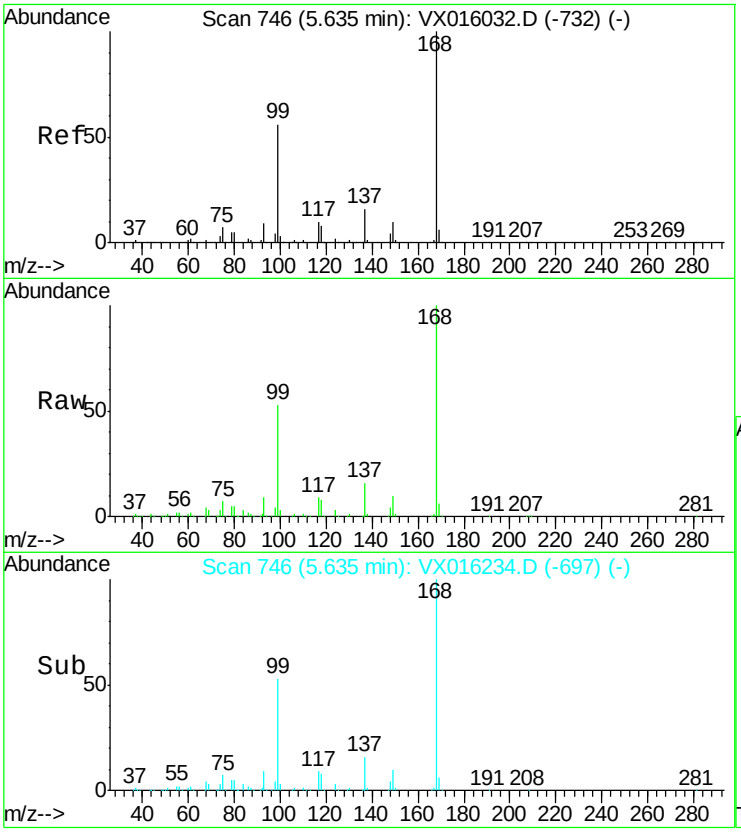
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051420\
Data File : VX016234.D
Acq On : 14 May 2020 16:24
Operator : JC/SP
Sample : L2643-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS004MW010-200513

Quant Time: May 15 01:34:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration



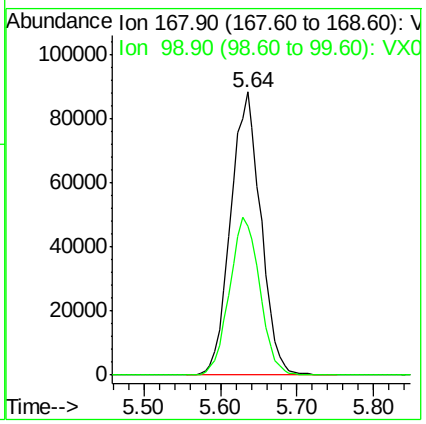


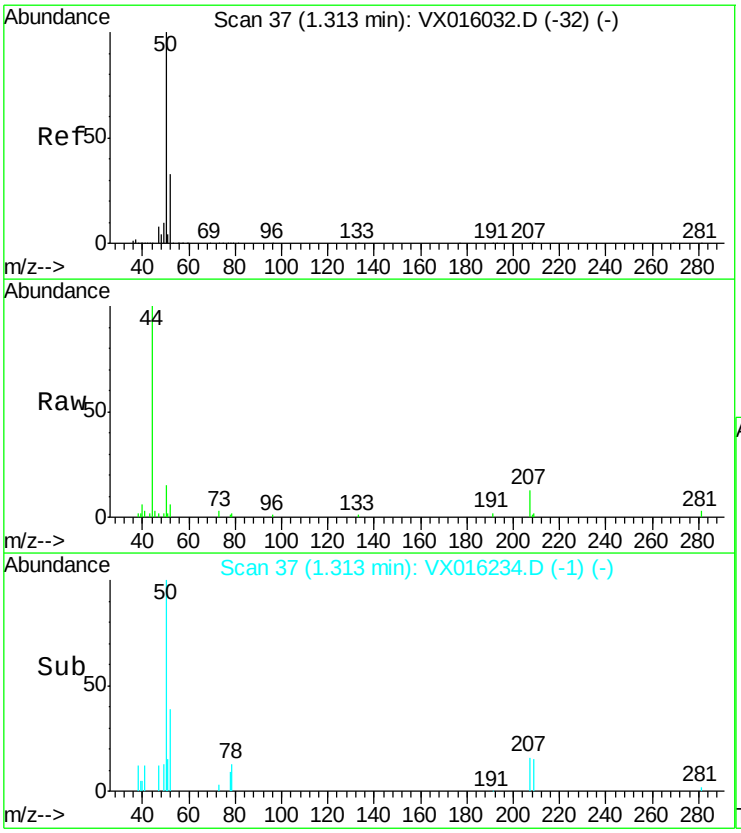

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.00 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS004MW010-200513

Tgt Ion:168 Resp: 241461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 52.5 | 45.0 | 67.4 |

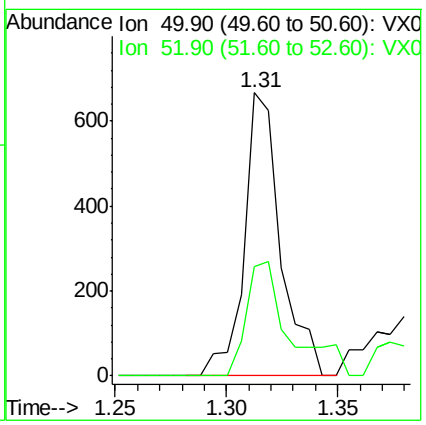


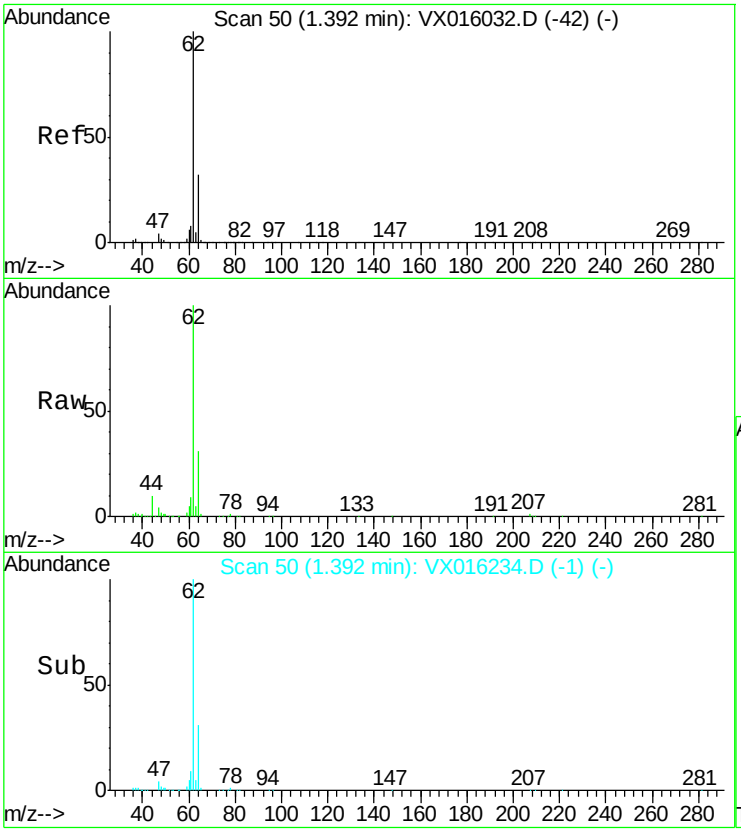




#3
Chloromethane
Concen: 0.26 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

Tgt Ion: 50 Resp: 761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 38.7 | 26.1 | 39.1 |



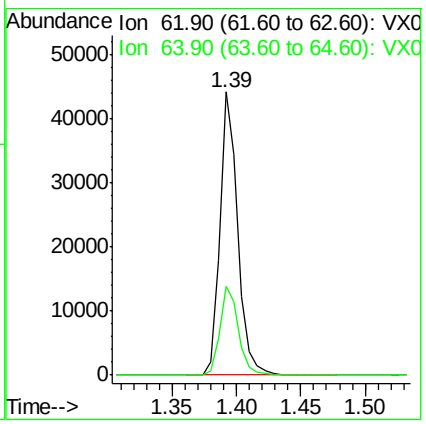


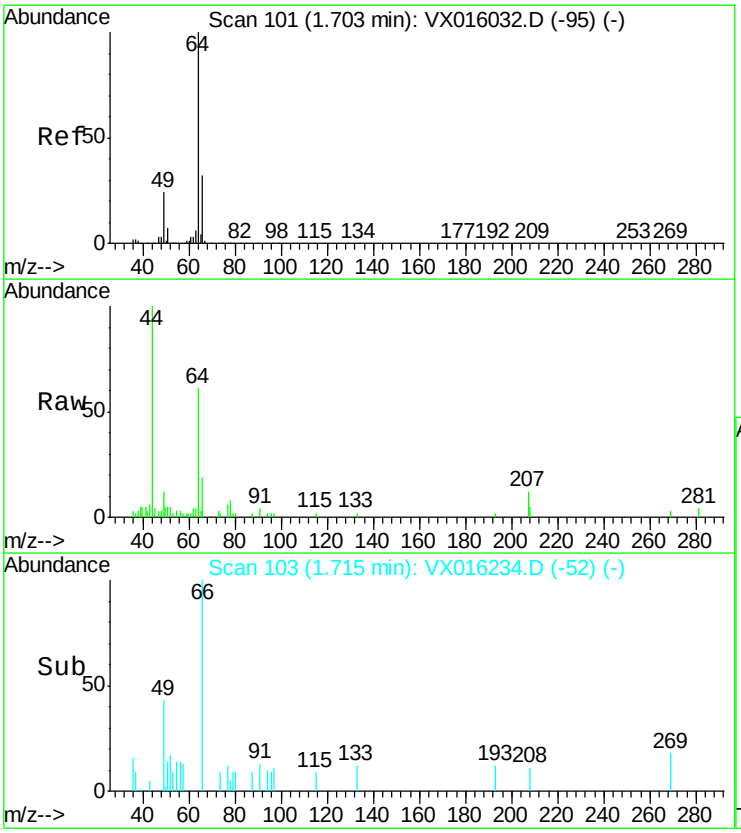

#4
Vinyl Chloride
Concen: 13.60 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS004MW010-200513

Tgt Ion: 62 Resp: 43065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.3 | 25.7 | 38.5 |

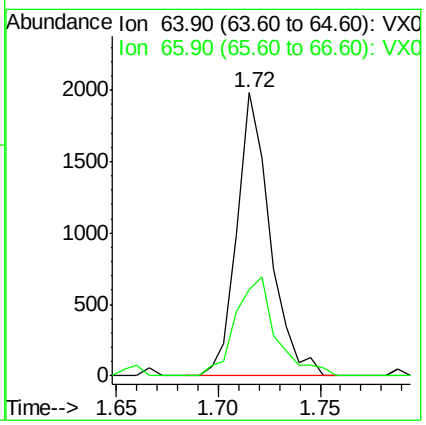


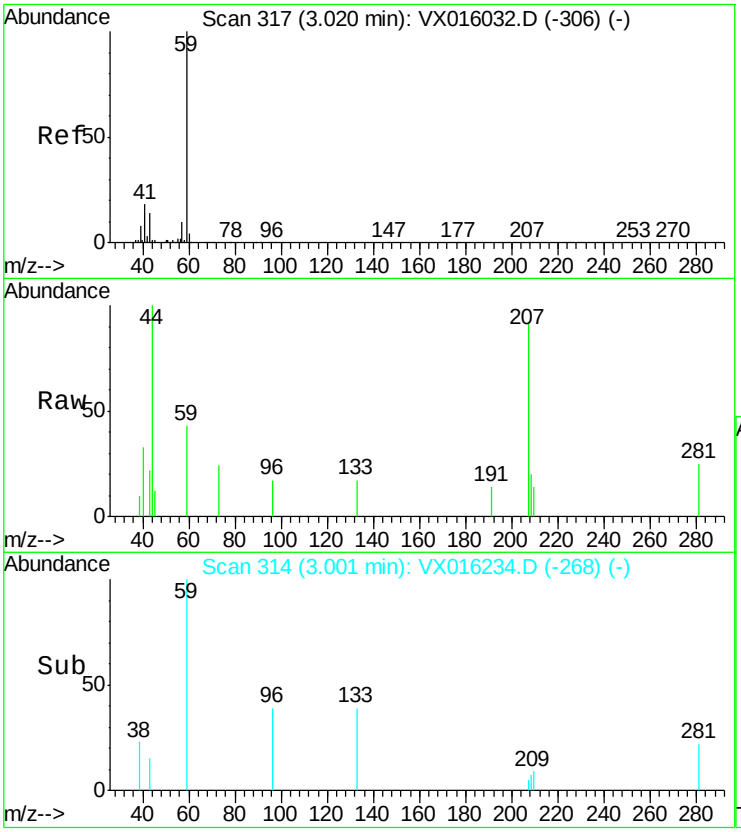




#6
Chloroethane
Concen: 1.16 ug/l
RT: 1.72 min Scan# 103
Delta R.T. 0.01 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

Tgt Ion: 64 Resp: 2234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 30.6 | 25.2 | 37.8 |



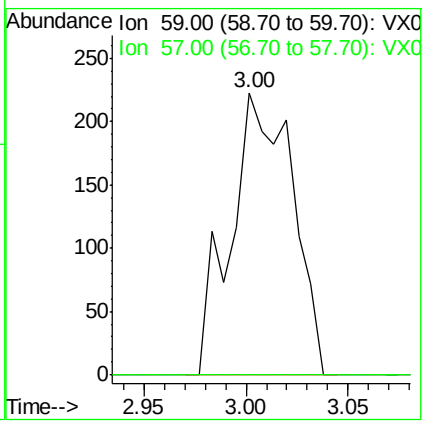


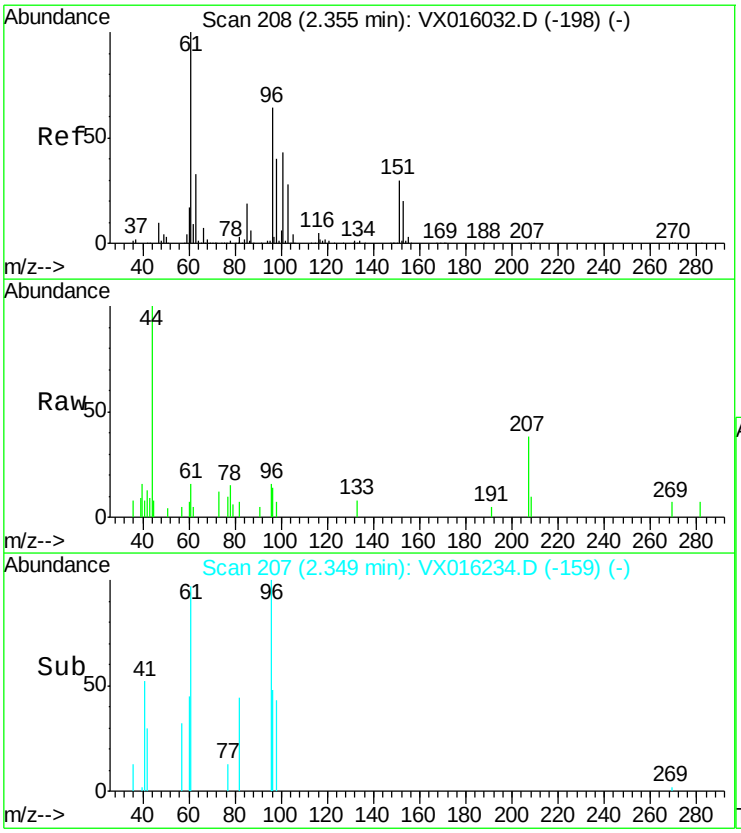

#11
Tert butyl alcohol
Concen: 0.58 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS004MW010-200513

Tgt Ion: 59 Resp: 469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.2 | 12.4# |

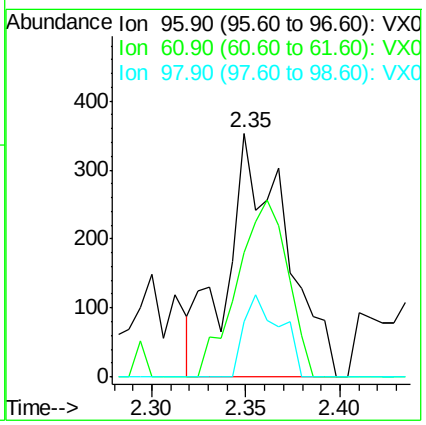


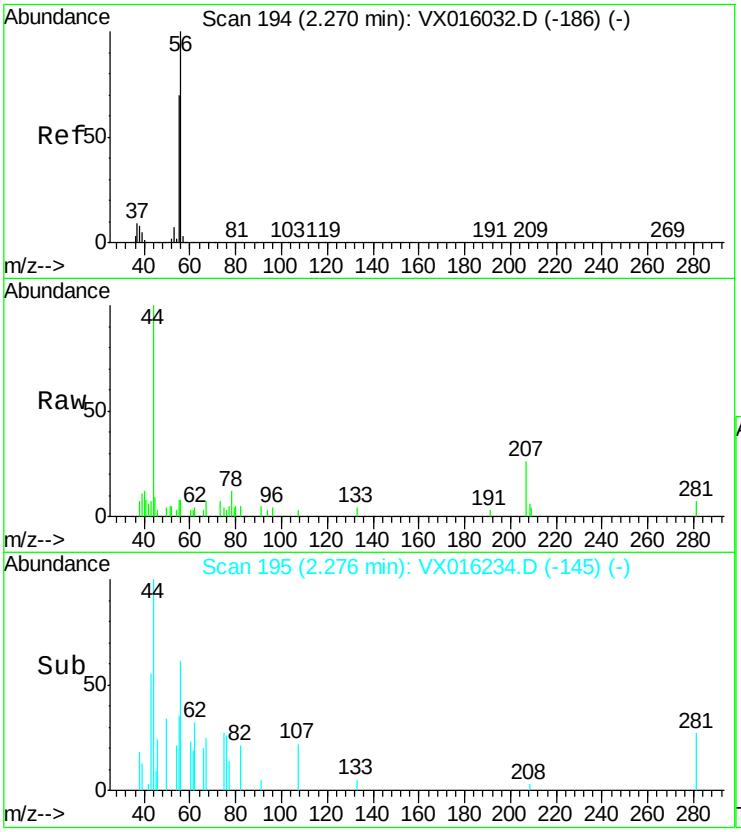




#12
1,1-Dichloroethene
Concen: 0.30 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

Tgt Ion: 96 Resp: 764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 51.3 | 124.8 | 187.2# |
| 98 | 22.7 | 49.7 | 74.5# |



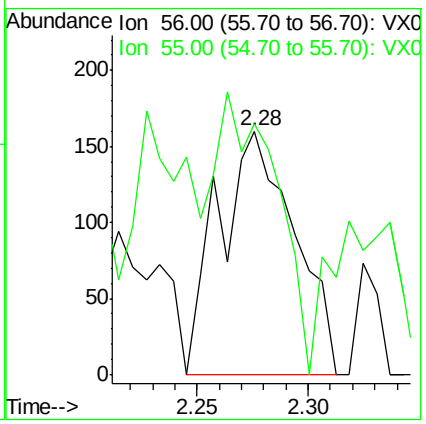


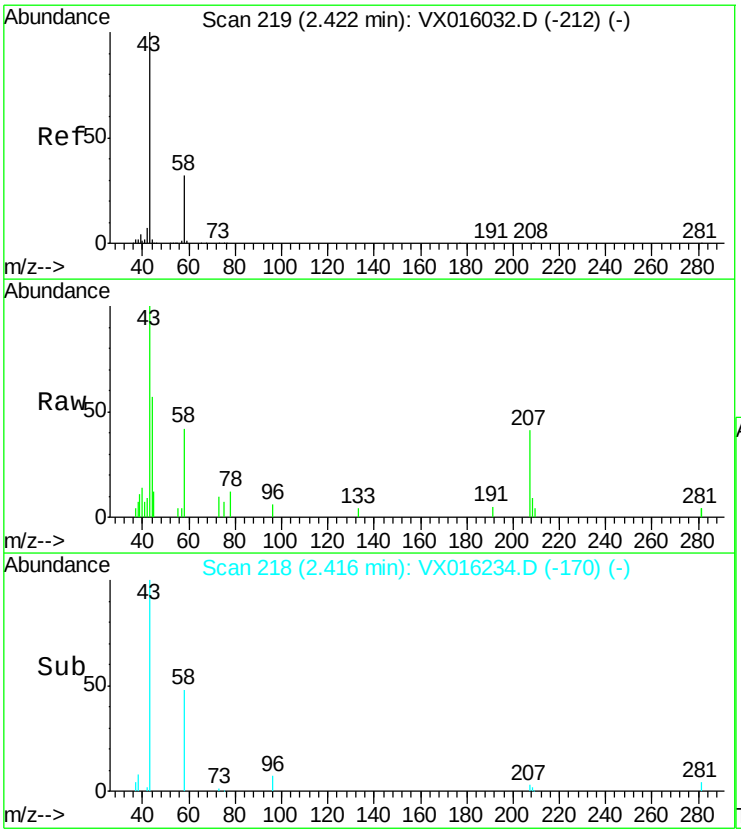

#13
Acrolein
Concen: 0.76 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

**Instrument :** MSVOA_X
**ClientSampleId :** SS004MW010-200513

Tgt Ion: 56 Resp: 381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 93.4 | 56.5 | 84.7# |

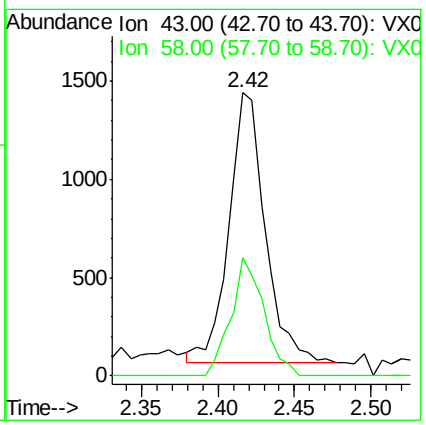


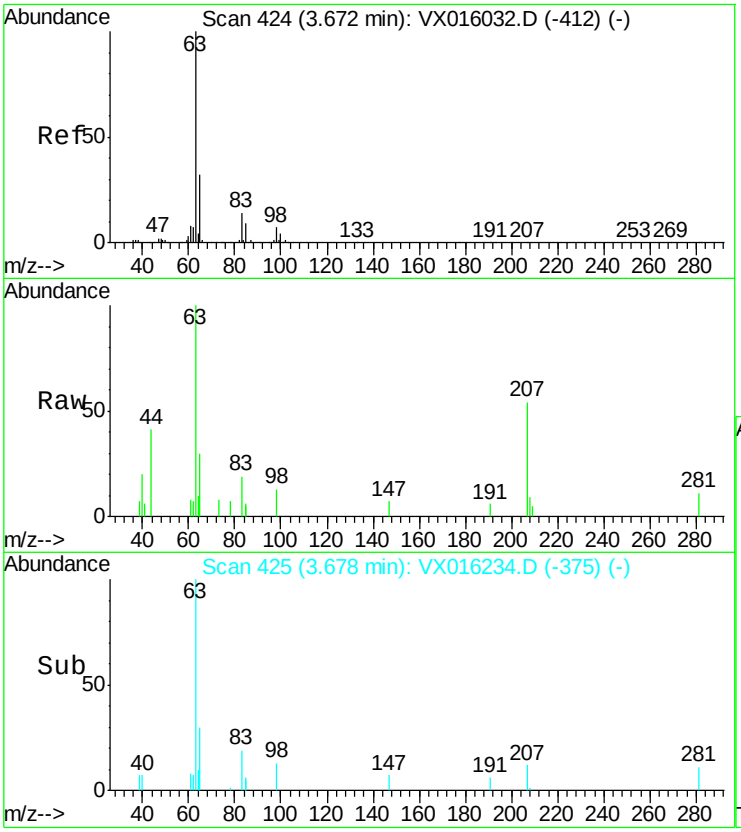




#16
Acetone
Concen: 1.60 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

Tgt Ion: 43 Resp: 2268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 43.9 | 25.4 | 38.0# |



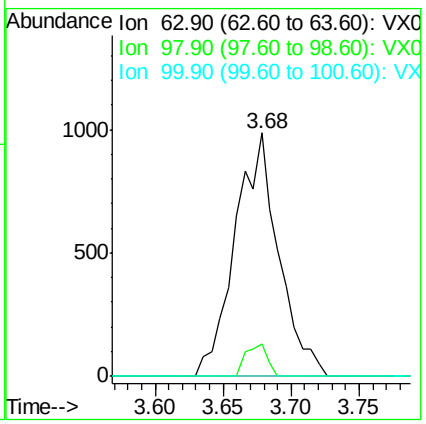


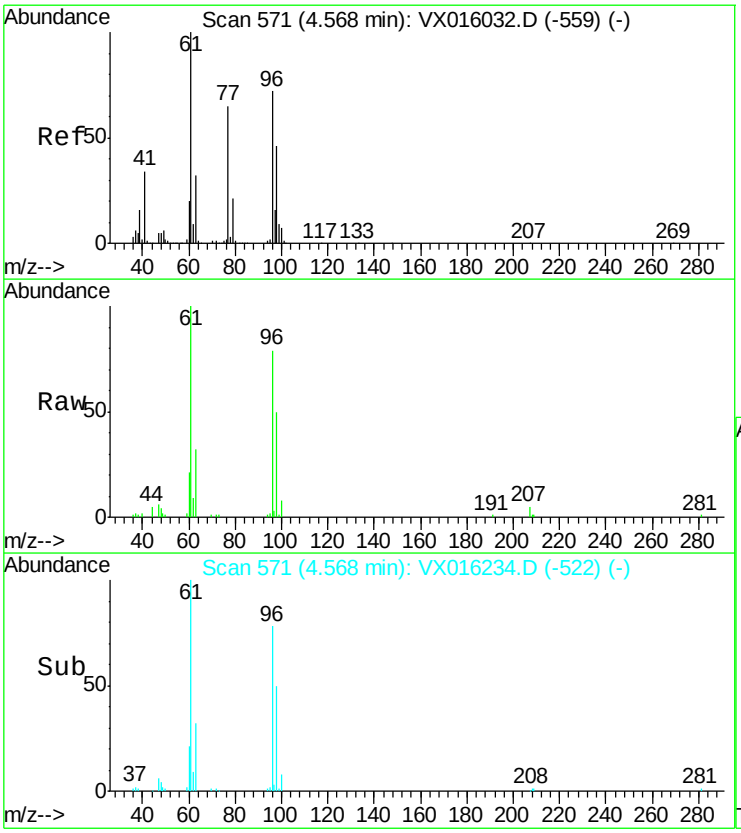

#24
1,1-Dichloroethane
Concen: 0.45 ug/l
RT: 3.68 min Scan# 425
Delta R.T. 0.01 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS004MW010-200513

Tgt Ion: 63 Resp: 2201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 13.1 | 3.5 | 10.5# |
| 100 | 0.0 | 2.1 | 6.5# |

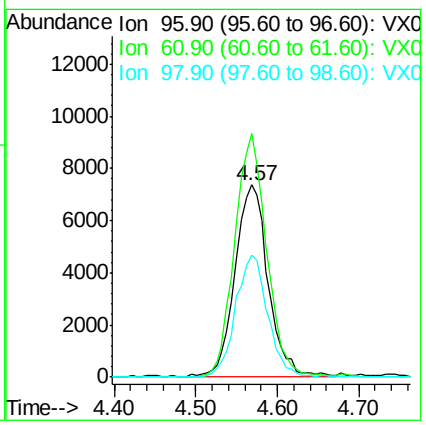


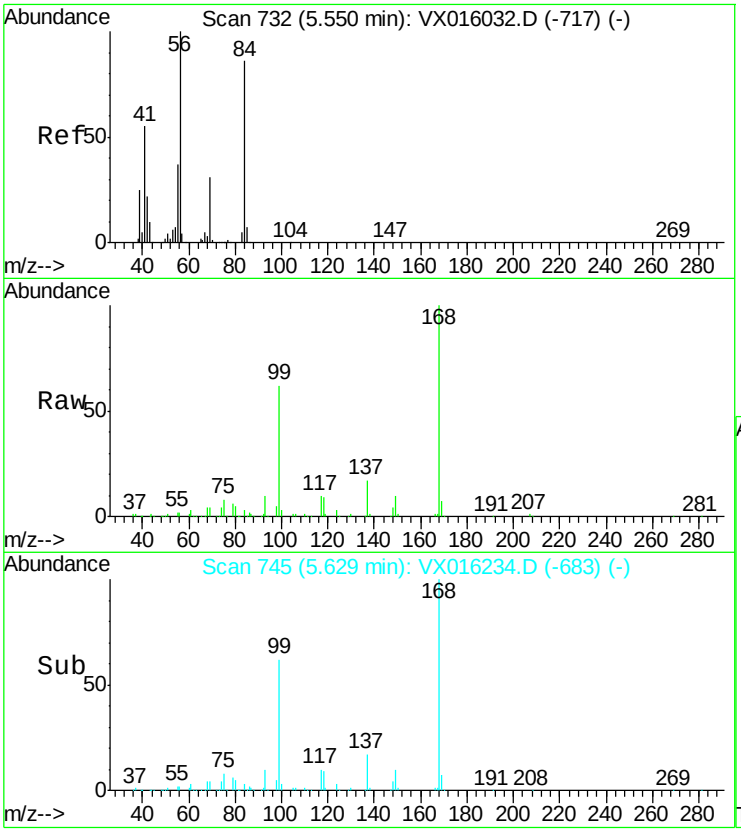




#27
cis-1,2-Dichloroethene
Concen: 6.81 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

Tgt Ion: 96 Resp: 20814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 121.4 | 0.0 | 296.2 |
| 98 | 61.2 | 0.0 | 129.4 |



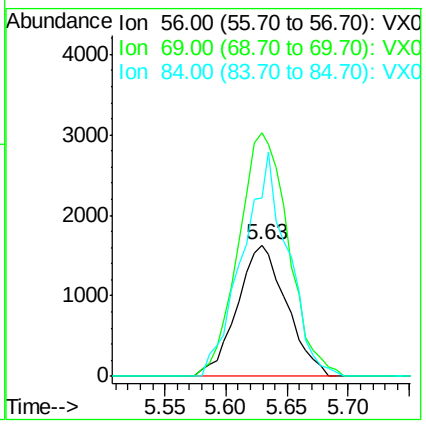


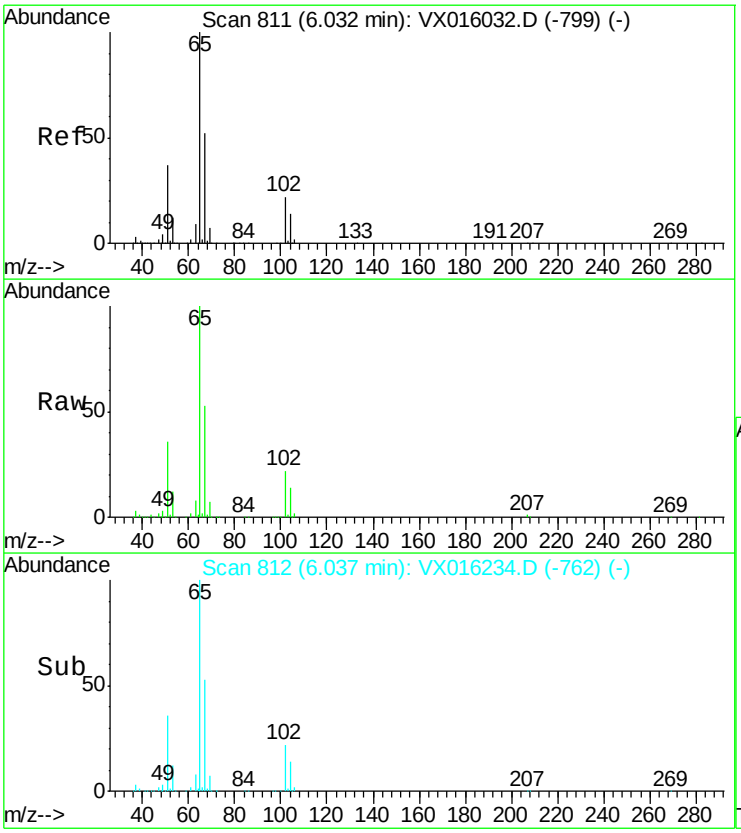

#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS004MW010-200513

Tgt Ion: 56 Resp: 4576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 185.8 | 25.0 | 37.6# |
| 84 | 136.2 | 69.0 | 103.6# |

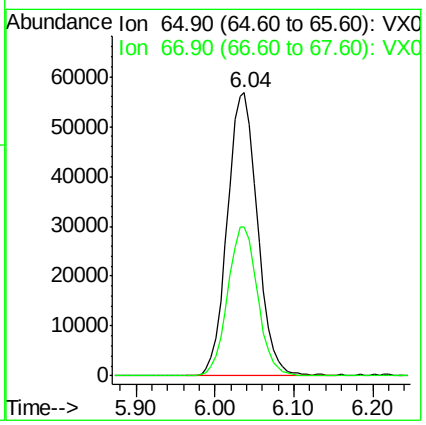


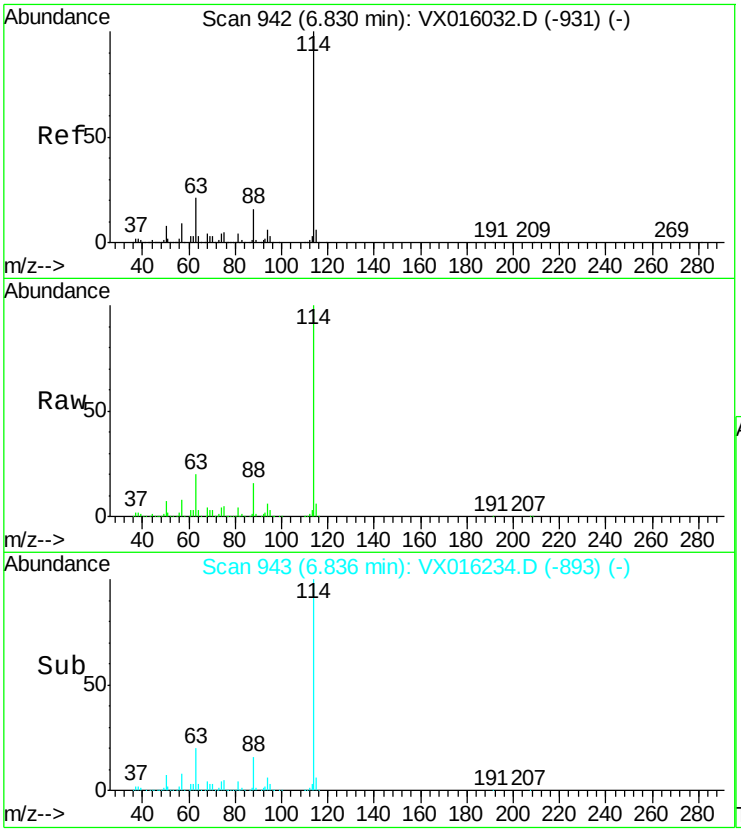




#33
1,2-Dichloroethane-d4
Concen: 47.60 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

Tgt Ion: 65 Resp: 151249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.5 | 0.0 | 104.8 |



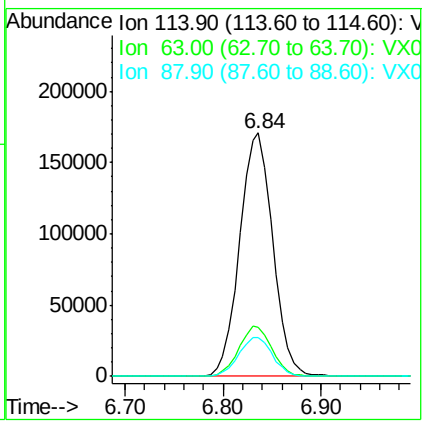


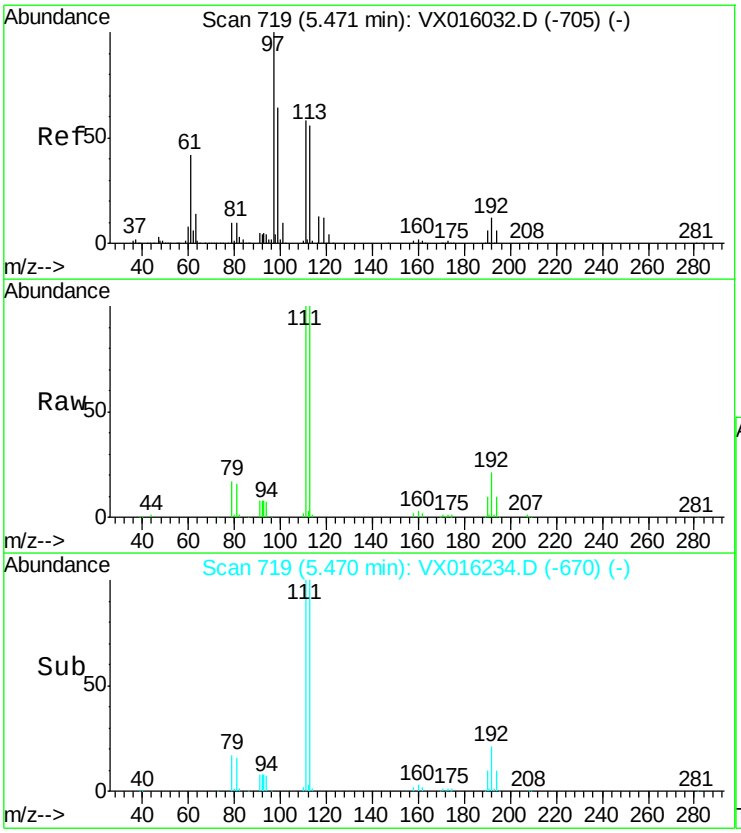

#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS004MW010-200513

Tgt Ion:114 Resp: 402515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.0 | 0.0 | 42.8 |
| 88 | 15.8 | 0.0 | 31.4 |

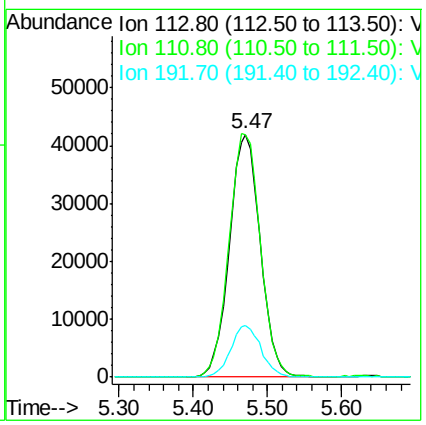


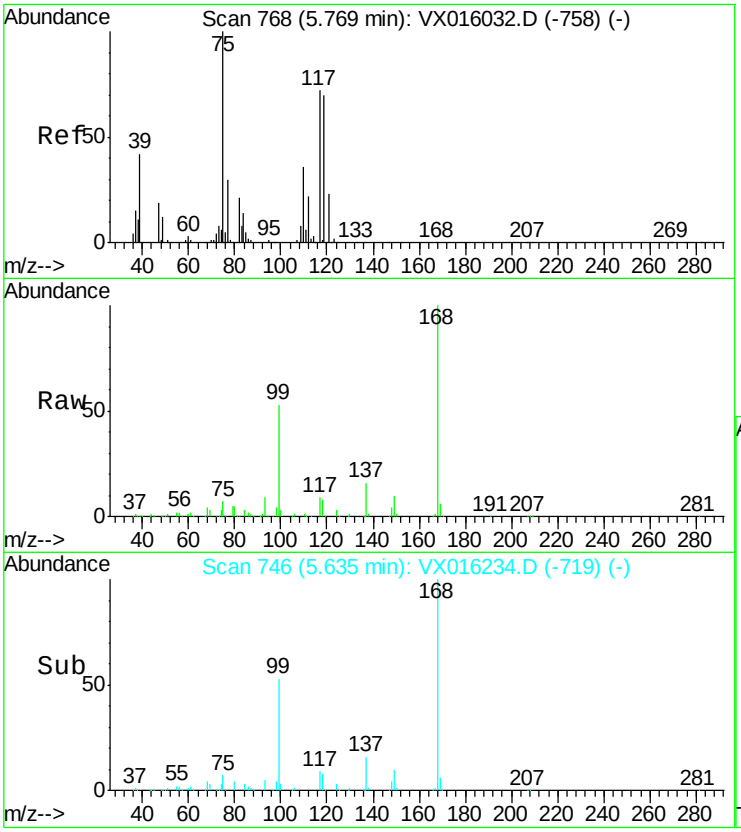




#35
Dibromofluoromethane
Concen: 47.73 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

Tgt Ion:113 Resp: 121704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.0 | 81.6 | 122.4 |
| 192 | 20.9 | 17.0 | 25.4 |



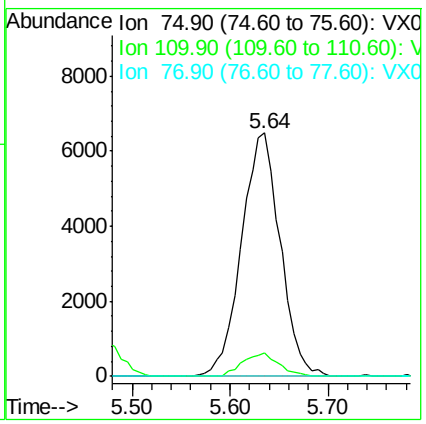


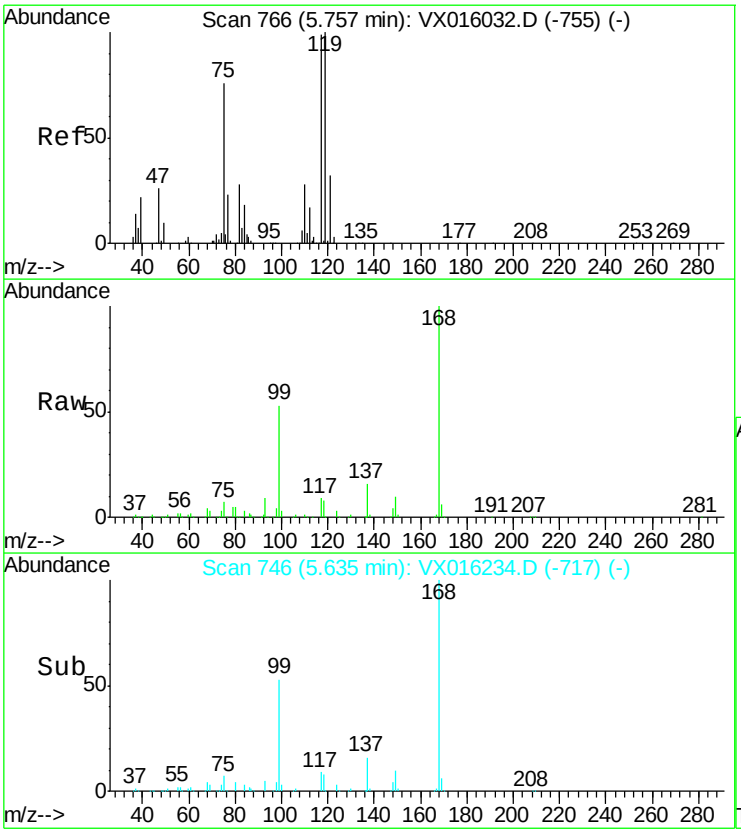

#36
1,1-Dichloropropene
Concen: 4.50 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.13 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS004MW010-200513

Tgt Ion: 75 Resp: 17825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.0 | 18.1 | 54.1# |
| 77 | 0.0 | 25.0 | 37.6# |

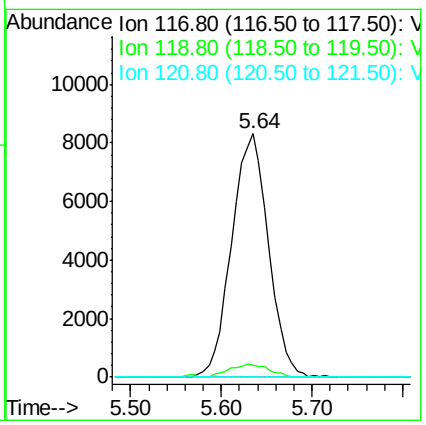


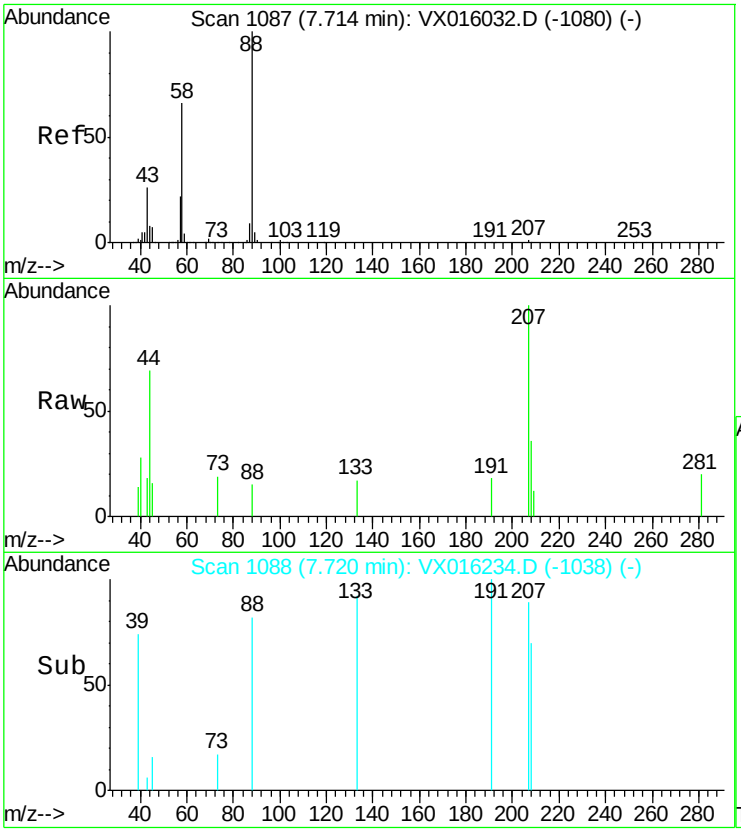




#38
Carbon Tetrachloride
Concen: 5.78 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

Tgt Ion:117 Resp: 23259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.6 | 80.3 | 120.5# |
| 121 | 0.0 | 25.7 | 38.5# |



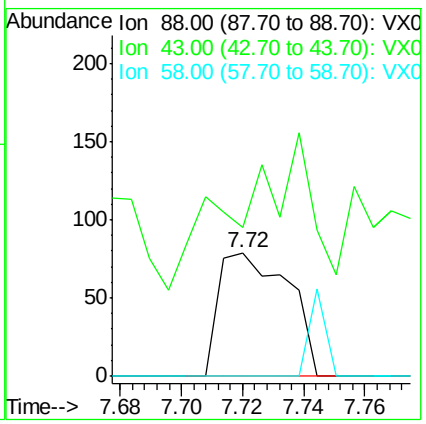


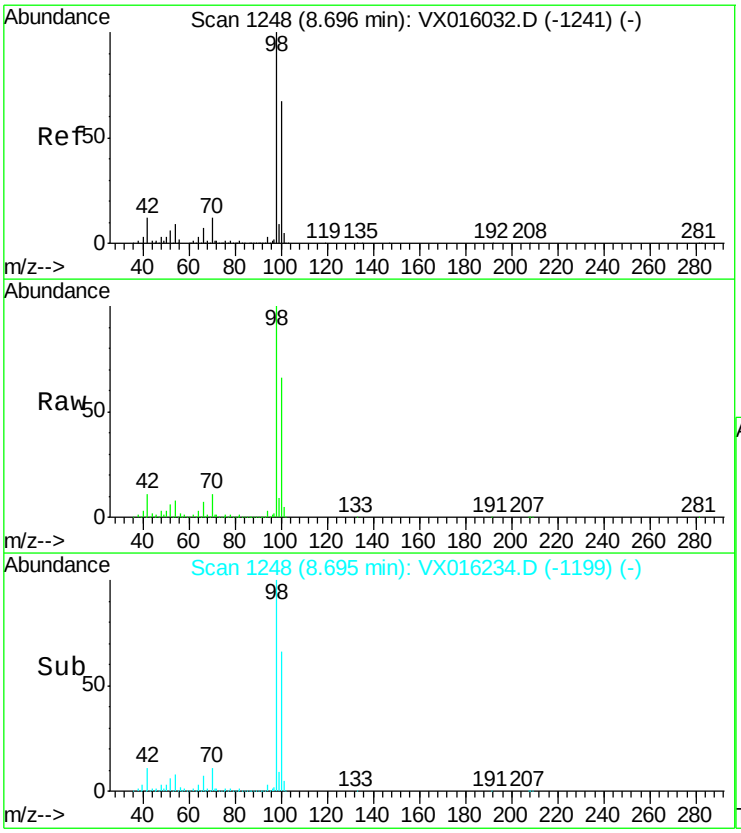

#49
1,4-Dioxane
Concen: 1.49 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS004MW010-200513

Tgt Ion: 88 Resp: 124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 0.0 | 25.3 | 37.9# |
| 58 | 0.0 | 55.9 | 83.9# |

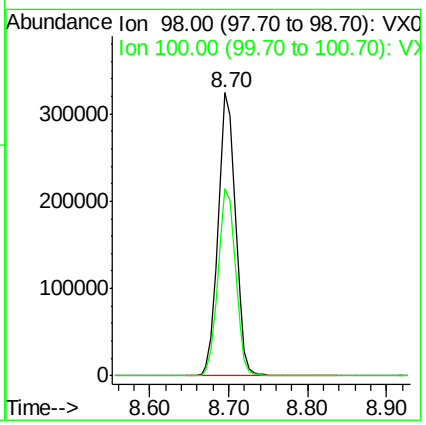


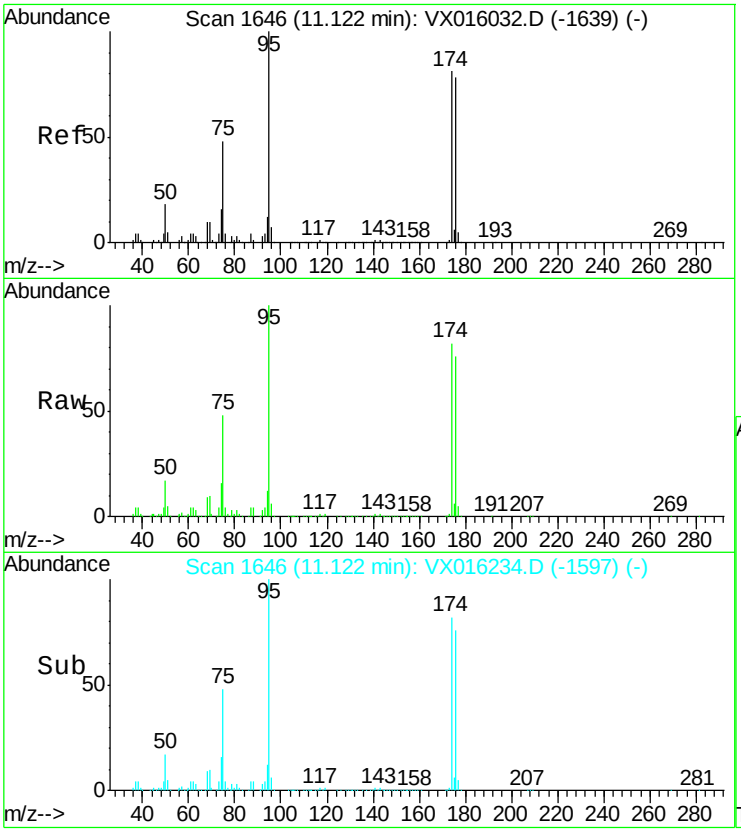




#50
Toluene-d8
Concen: 51.13 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

Tgt Ion: 98 Resp: 502363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.9 | 53.7 | 80.5 |



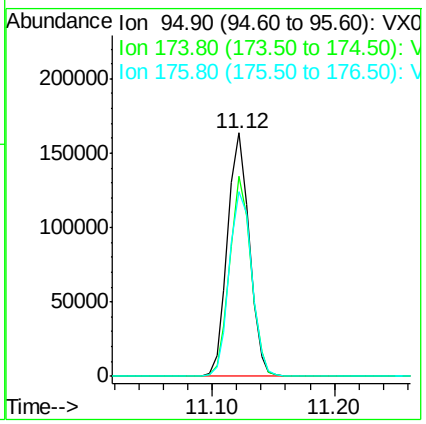


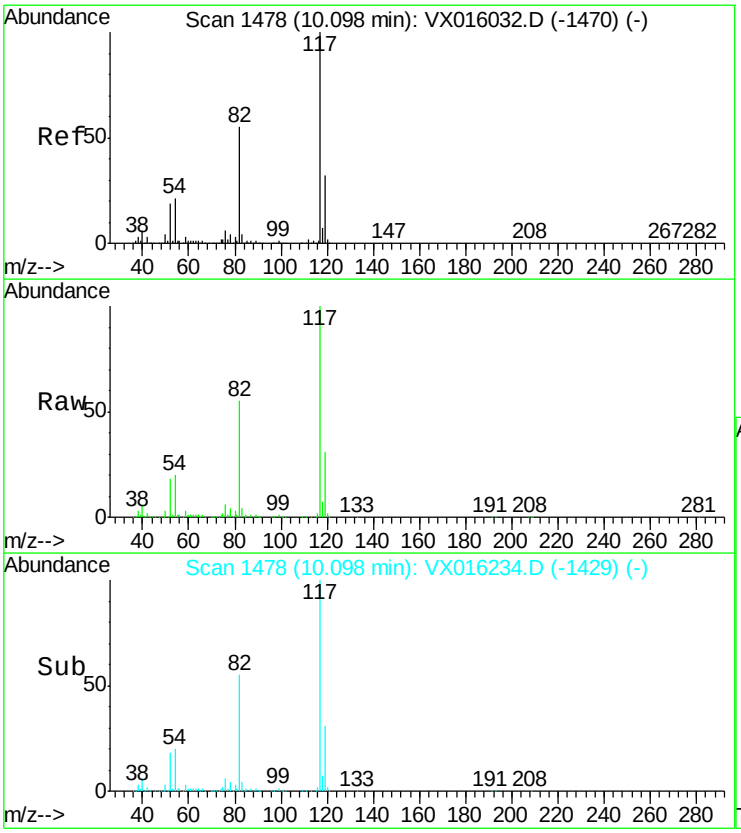

#62
4-Bromofluorobenzene
Concen: 53.88 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS004MW010-200513

Tgt Ion: 95 Resp: 201369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 80.5 | 0.0 | 159.4 |
| 176 | 78.4 | 0.0 | 157.6 |

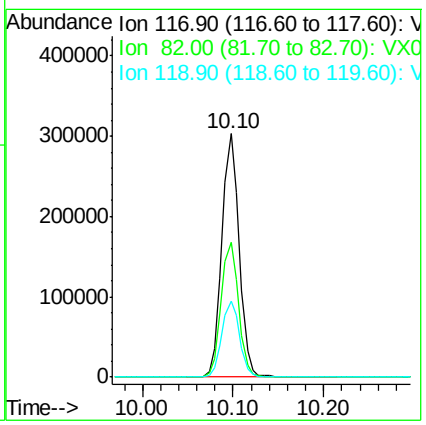


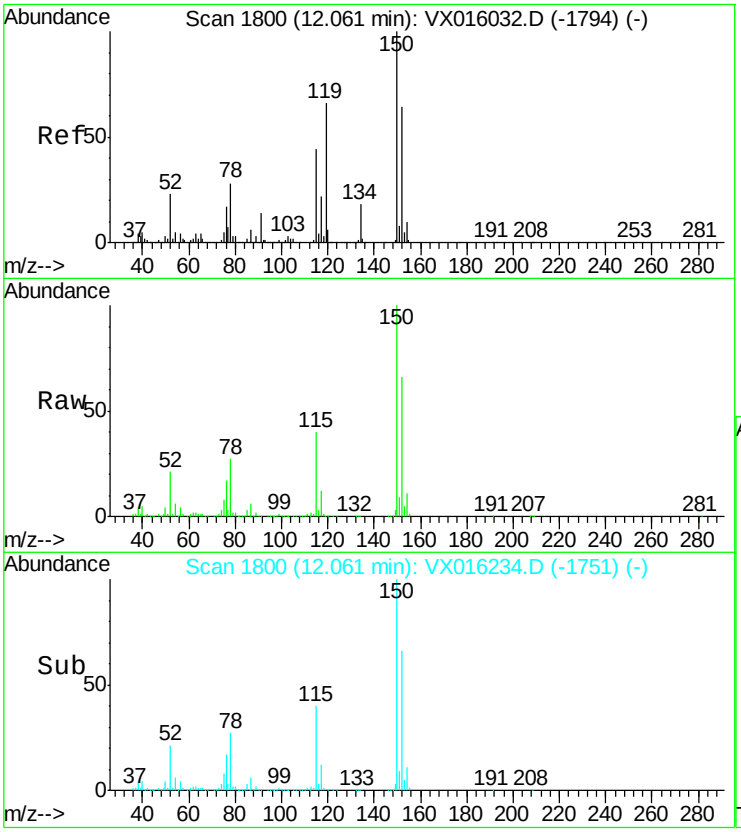




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

Tgt Ion:117 Resp: 402831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.5 | 44.4 | 66.6 |
| 119 | 31.4 | 25.5 | 38.3 |



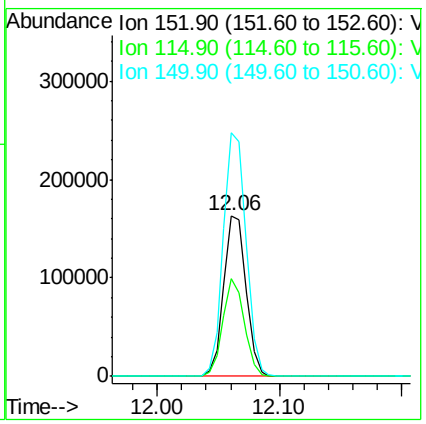


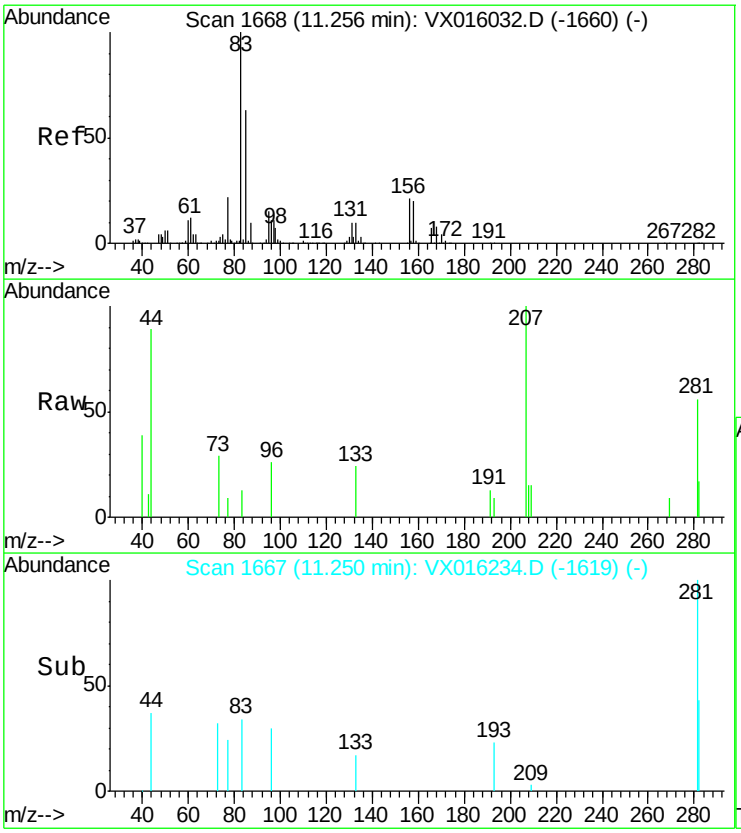

#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS004MW010-200513

Tgt Ion:152 Resp: 205619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 58.3 | 41.3 | 124.1 |
| 150 | 154.4 | 0.0 | 352.2 |

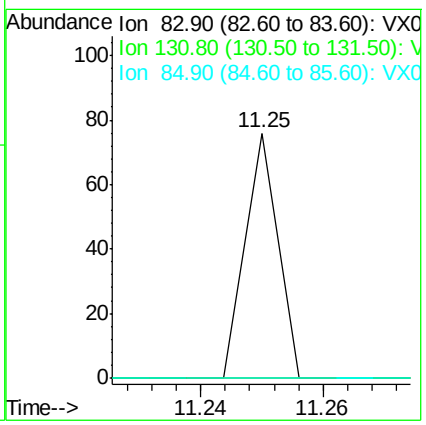


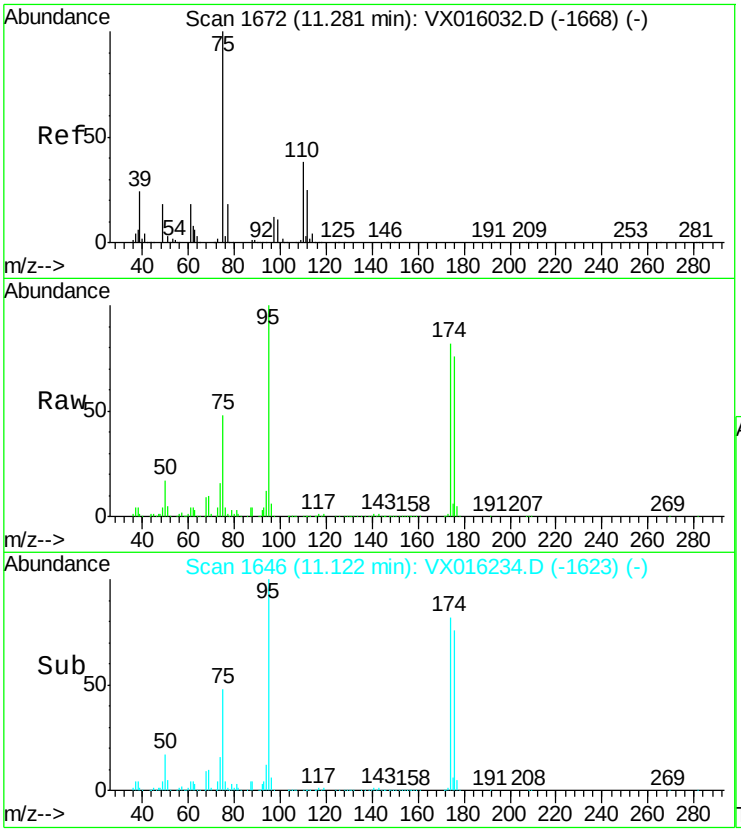




#75
1,1,2,2-Tetrachloroethane
Concen: 2.06 ug/l
RT: 11.25 min Scan# 1667
Delta R.T. -0.01 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

Tgt Ion: 83 Resp: 28

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 0.0 | 5.1 | 15.4# |
| 85 | 0.0 | 32.0 | 96.0# |



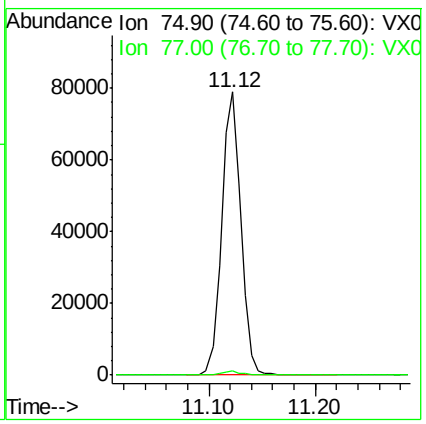


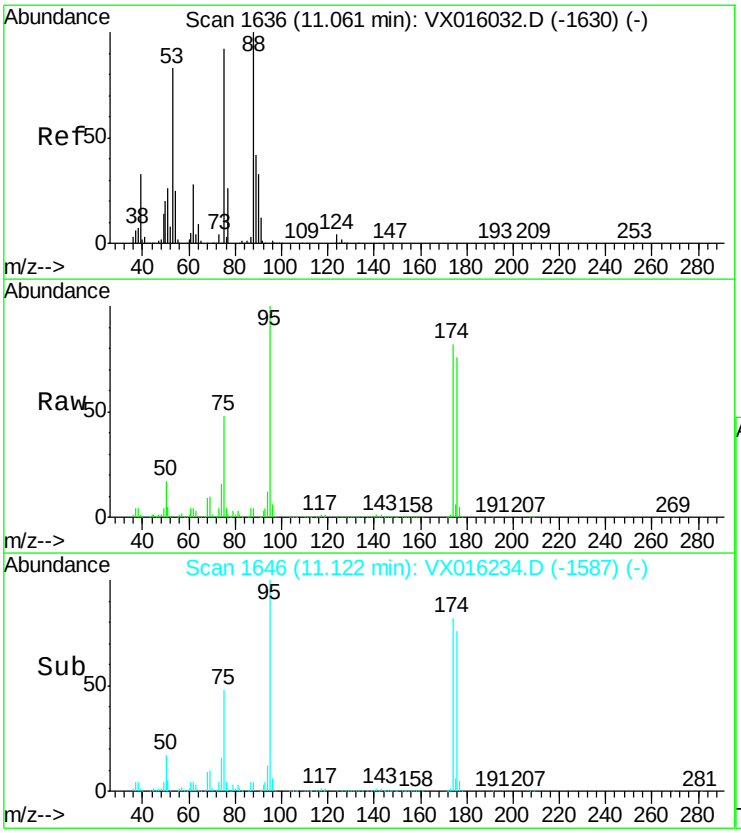

#76
1,2,3-Trichloropropane
Concen: 21.22 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS004MW010-200513

Tgt Ion: 75 Resp: 98995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.4 | 21.2 | 63.6# |




#81
trans-1,4-Dichloro-2-butene
Concen: 50.56 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016234.D
Acq: 14 May 2020 16:24

Tgt Ion: 75 Resp: 98995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 73.1 | 109.7# |
| 89 | 0.0 | 36.7 | 55.1# |