Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
Data File : VX011202.D
Acq On : 30 Jul 2019 18:03
Operator : JC/SP
Sample : K4026-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** Z3-0673

Quant Time: Jul 31 08:41:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 222127 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 317326 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 281415 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 133214 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 109813 | 46.47 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 92.94% | | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 94949 | 47.14 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 94.28% | | | | |
| 50) Toluene-d8 | 8.71 | 98 | 370299 | 49.02 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.04% | | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 123920 | 44.63 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 89.26% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 70 | 0.576 | ug/l | # | 43 |
| 3) Chloromethane | 1.33 | 50 | 458 | 0.224 | ug/l | # | 43 |
| 4) Vinyl Chloride | 1.41 | 62 | 41279 | 19.812 | ug/l | | 100 |
| 5) Bromomethane | 1.65 | 94 | 599 | 0.510 | ug/l | # | 58 |
| 11) Tert butyl alcohol | 3.05 | 59 | 1092 | 1.984 | ug/l | # | 86 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 819 | 0.414 | ug/l | # | 78 |
| 13) Acrolein | 2.29 | 56 | 74 | 0.233 | ug/l | # | 1 |
| 16) Acetone | 2.45 | 43 | 1783 | 1.671 | ug/l | | 91 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 21913 | 10.438 | ug/l | | 96 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 34920 | 14.373 | ug/l | | 88 |
| 29) Tetrahydrofuran | 5.15 | 42 | 2183 | 2.249 | ug/l | | 95 |
| 31) Cyclohexane | 5.58 | 56 | 2651 | 0.826 | ug/l | | 100 |
| 36) 1,1-Dichloropropene | 5.67 | 75 | 15175 | 5.822 | ug/l | # | 49 |
| 38) Carbon Tetrachloride | 5.66 | 117 | 20392 | 7.508 | ug/l | # | 18 |
| 39) Methylcyclohexane | 7.46 | 83 | 1762 | 0.521 | ug/l | # | 83 |
| 40) Benzene | 6.15 | 78 | 66540 | 8.334 | ug/l | | 95 |
| 44) Trichloroethene | 7.21 | 130 | 2482 | 1.050 | ug/l | | 98 |
| 49) 1,4-Dioxane | 7.47 | 88 | 38 | 0.635 | ug/l | # | 1 |
| 65) Chlorobenzene | 10.14 | 112 | 1289381 | 223.076 | ug/l | | 100 |
| 67) Ethyl Benzene | 10.25 | 91 | 15499 | 1.575 | ug/l | | 99 |
| 73) Isopropylbenzene | 11.02 | 105 | 5337 | 0.593 | ug/l | | 99 |
| 74) N-amyl acetate | 10.94 | 43 | 970 | 0.282 | ug/l | # | 53 |
| 76) 1,2,3-Trichloropropane | 11.13 | 75 | 62399 | 25.957 | ug/l | # | 35 |
| 78) n-propylbenzene | 11.36 | 91 | 2089 | 0.210 | ug/l | | 97 |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75 | 62399 | 64.509 | ug/l | # | 11 |
| 85) sec-Butylbenzene | 11.94 | 105 | 3741 | 0.432 | ug/l | | 98 |
| 86) p-Isopropyltoluene | 12.23 | 119 | 2513 | 0.314 | ug/l | | 85 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 4910 | 1.140 | ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 41786 | 9.456 | ug/l | | 97 |
| 90) Hexachloroethane | 12.70 | 117 | 1641 | 1.300 | ug/l | # | 6 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 2169 | 0.508 | ug/l | | 97 |

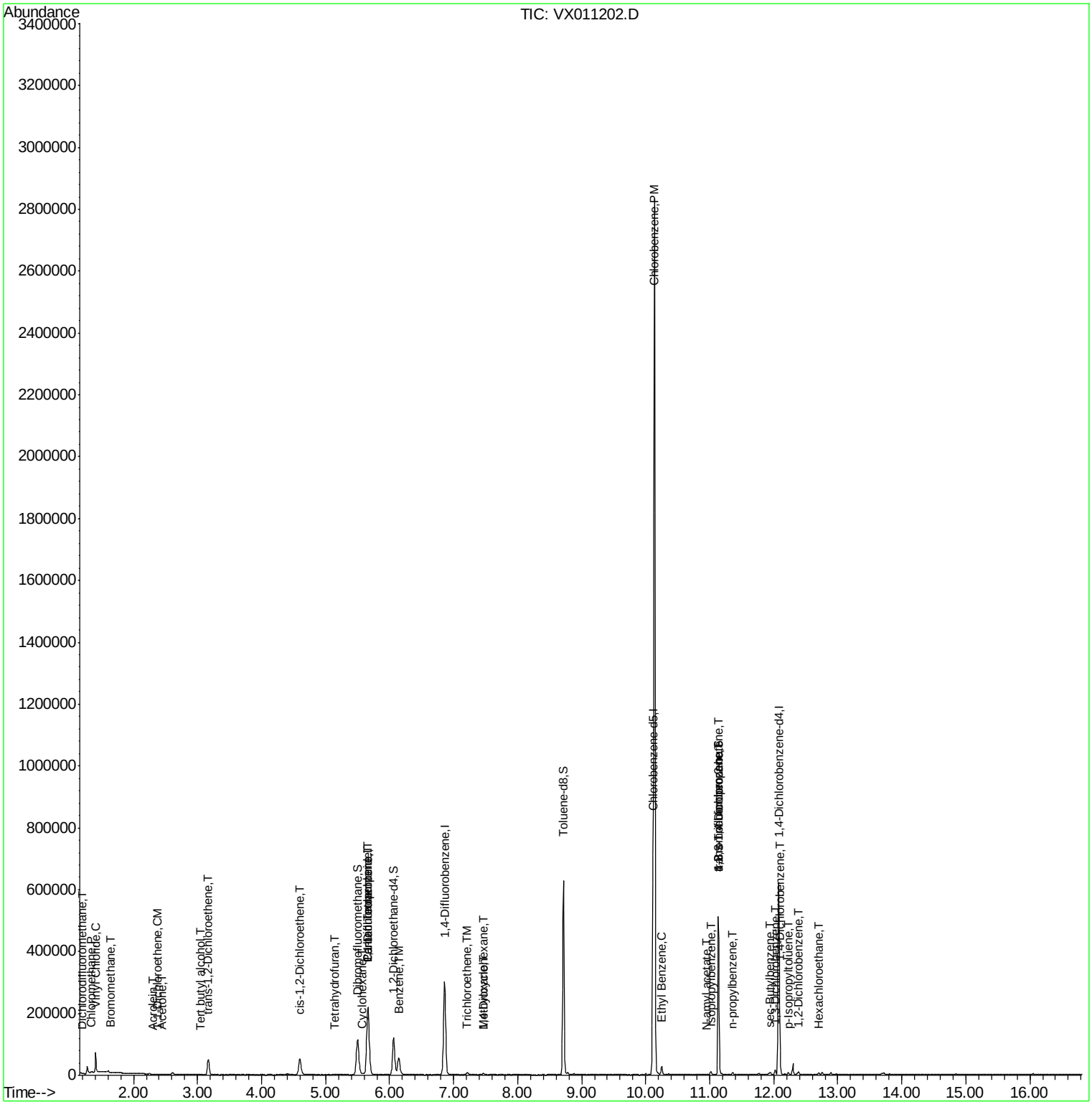
(#) = qualifier out of range (m) = manual integration (+) = signals summed

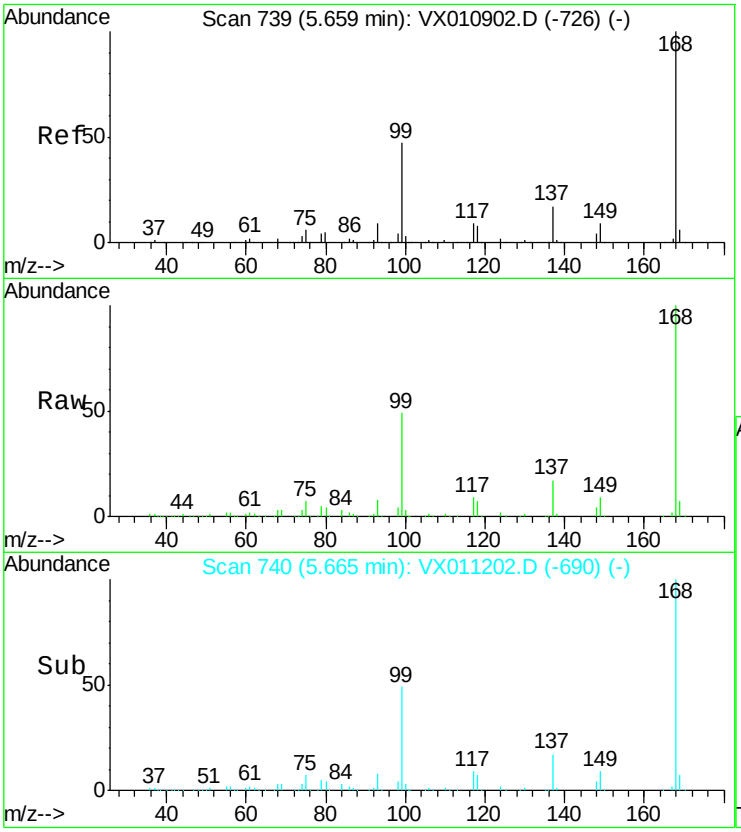
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
Data File : VX011202.D
Acq On : 30 Jul 2019 18:03
Operator : JC/SP
Sample : K4026-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-0673

Quant Time: Jul 31 08:41:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration



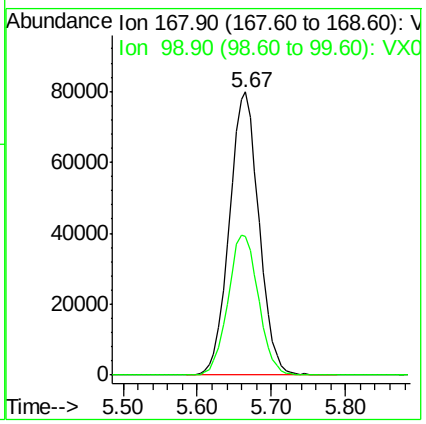


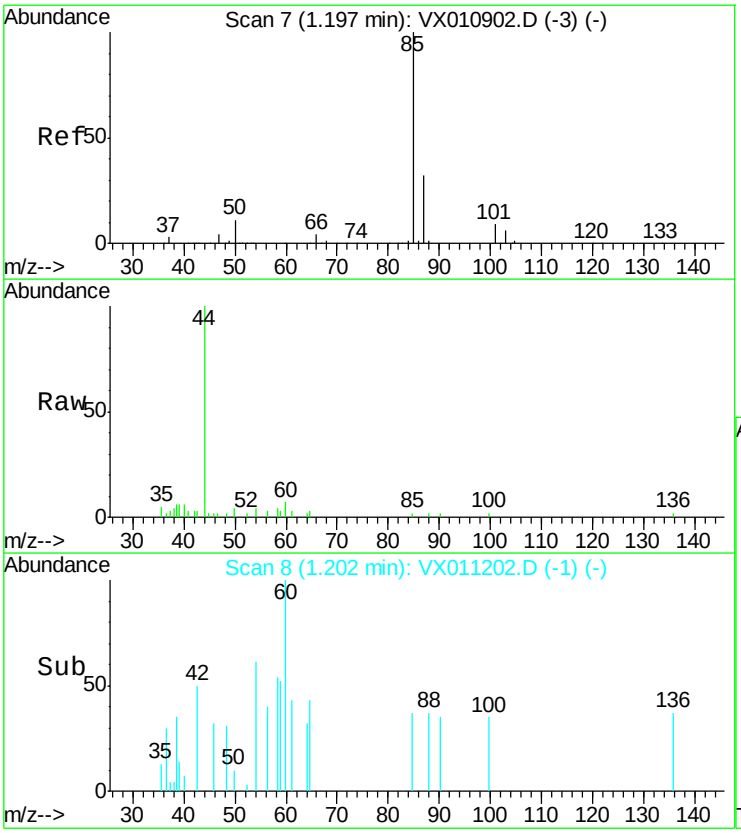

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-0673

Tgt Ion:168 Resp: 222127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 48.9 | 37.6 | 56.4 |

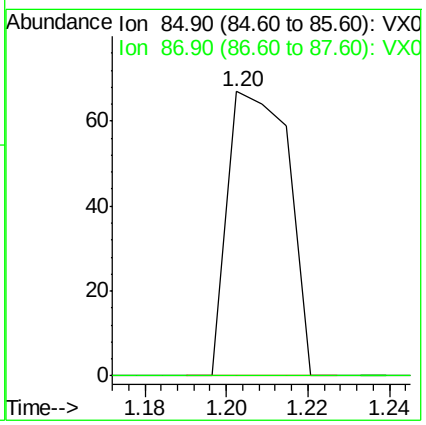


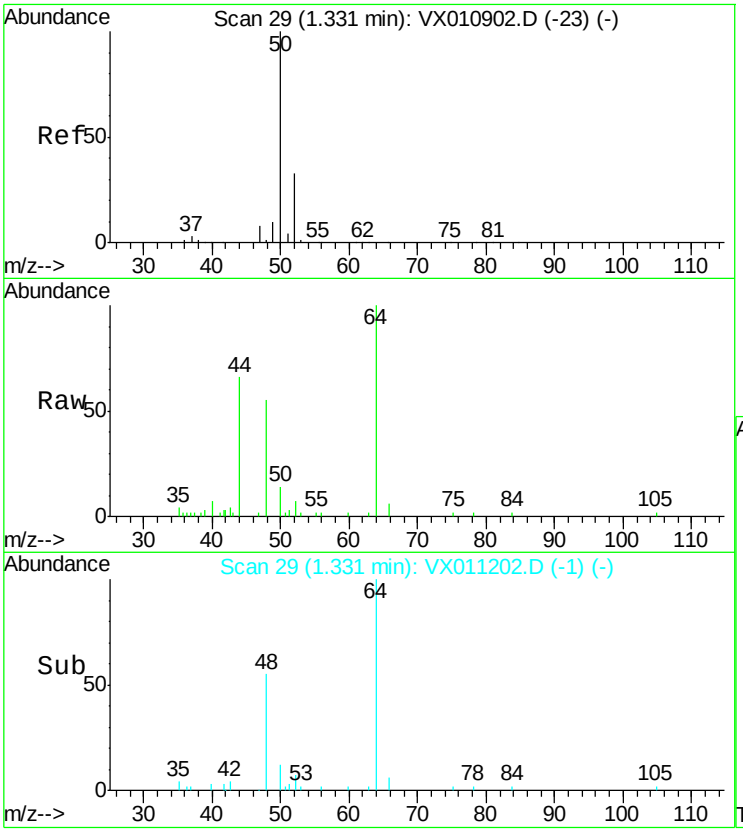




#2
Dichlorodifluoromethane
Concen: 0.576 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

Tgt Ion: 85 Resp: 70

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 0.0 | 15.9 | 47.7# |



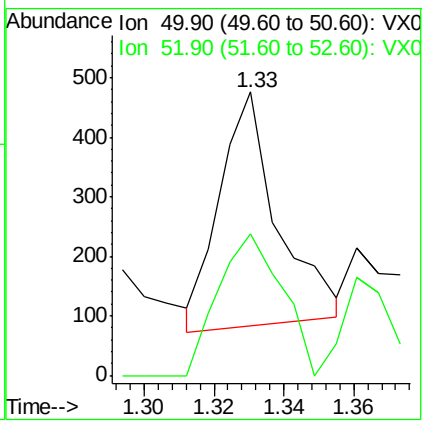


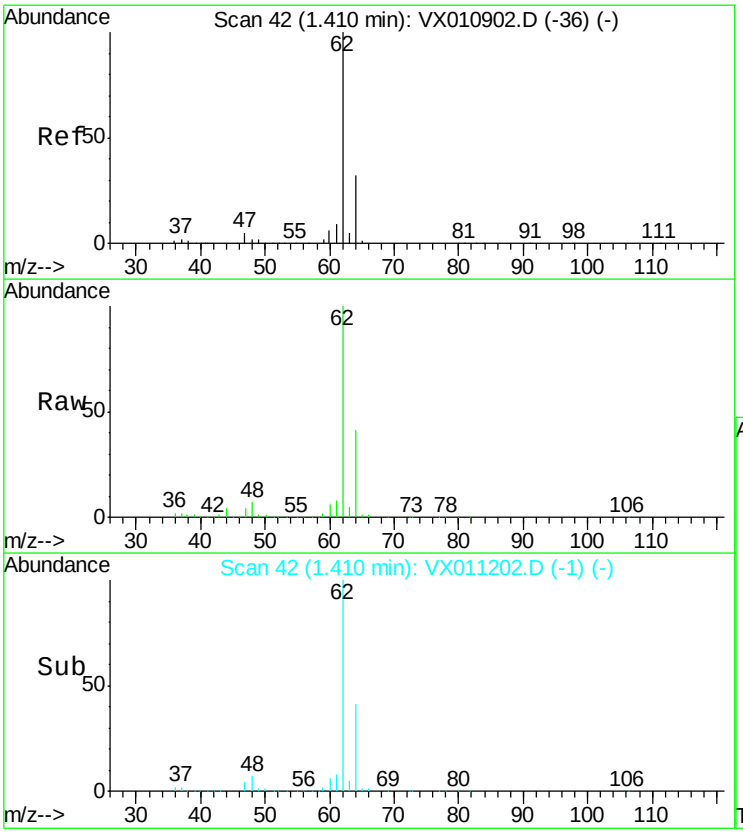

#3
Chloromethane
Concen: 0.224 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-0673

Tgt Ion: 50 Resp: 458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 65.1 | 26.4 | 39.6# |

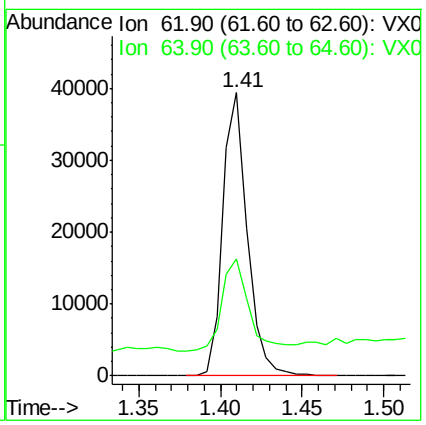


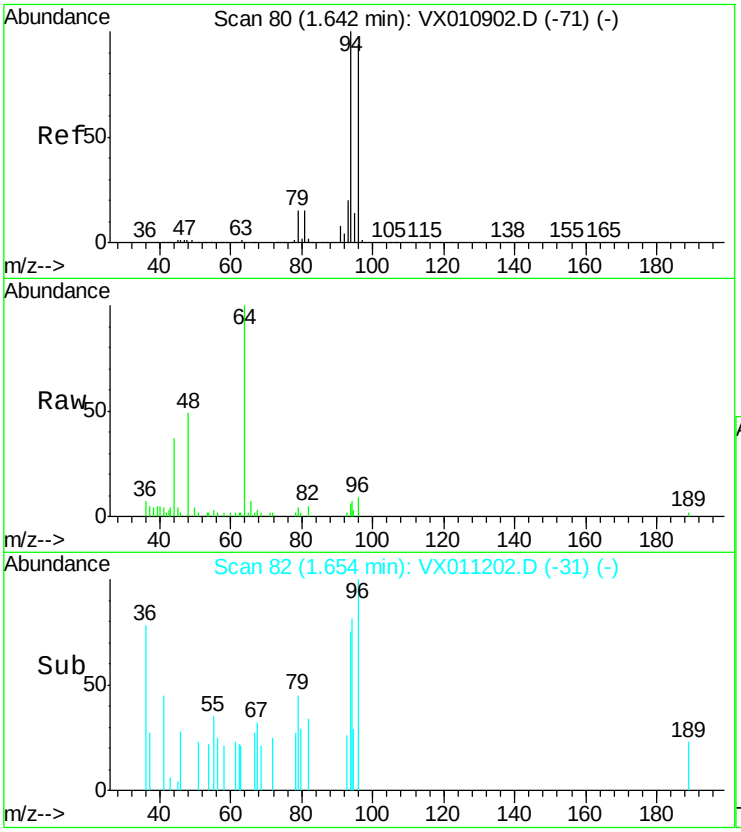




#4
Vinyl Chloride
Concen: 19.812 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

Tgt Ion: 62 Resp: 41279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.2 | 25.7 | 38.5 |



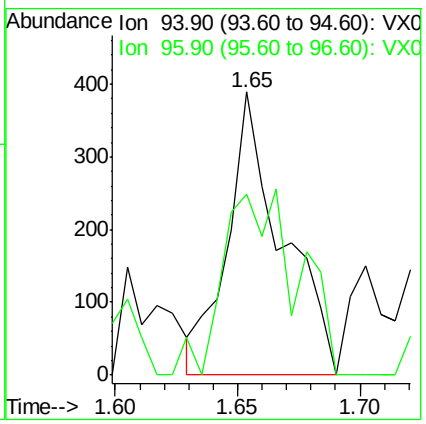


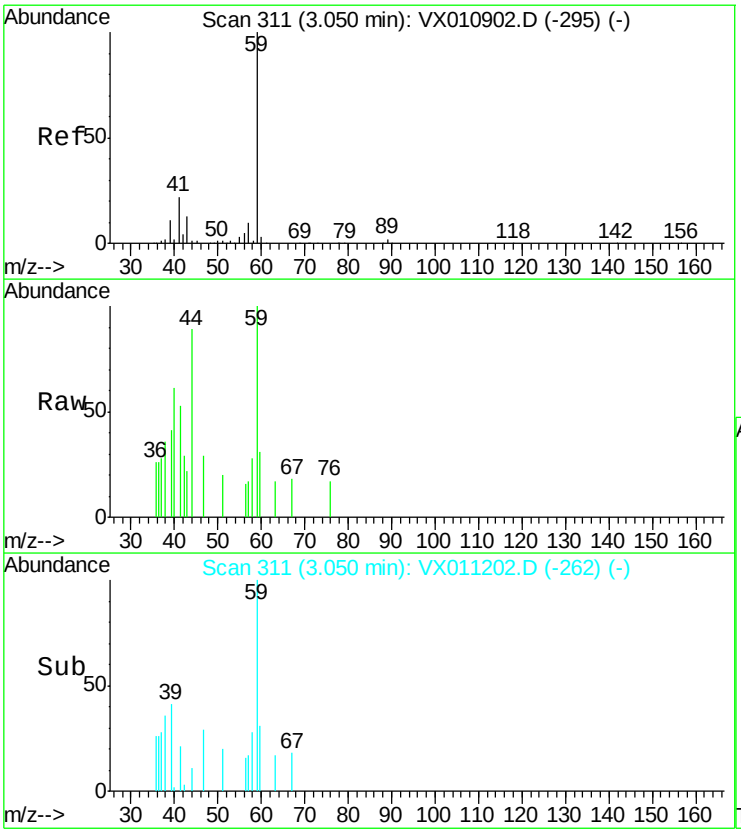

#5
Bromomethane
Concen: 0.510 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-0673

Tgt Ion: 94 Resp: 599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 53.7 | 75.6 | 113.4# |

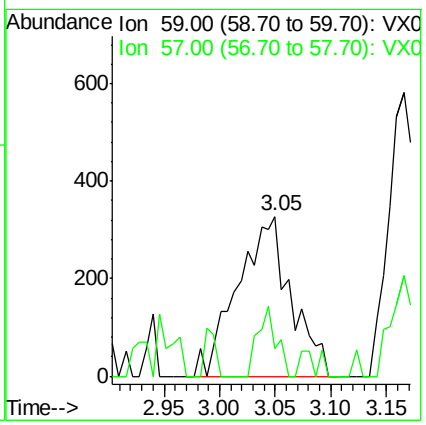


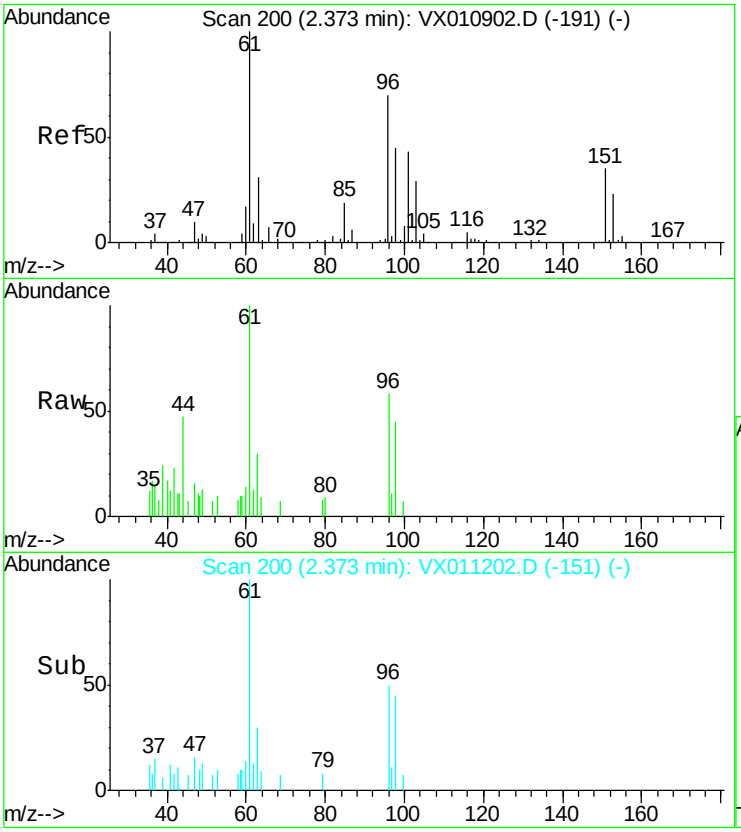




#11
Tert butyl alcohol
Concen: 1.984 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

Tgt Ion: 59 Resp: 1092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 15.2 | 7.9 | 11.9# |



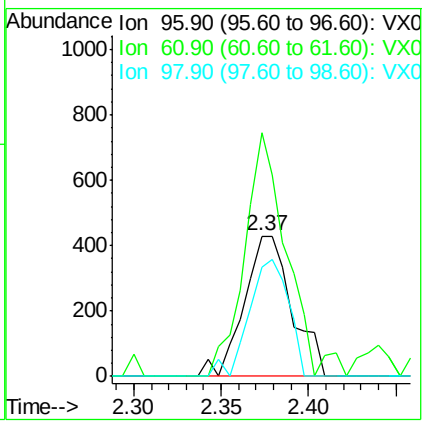


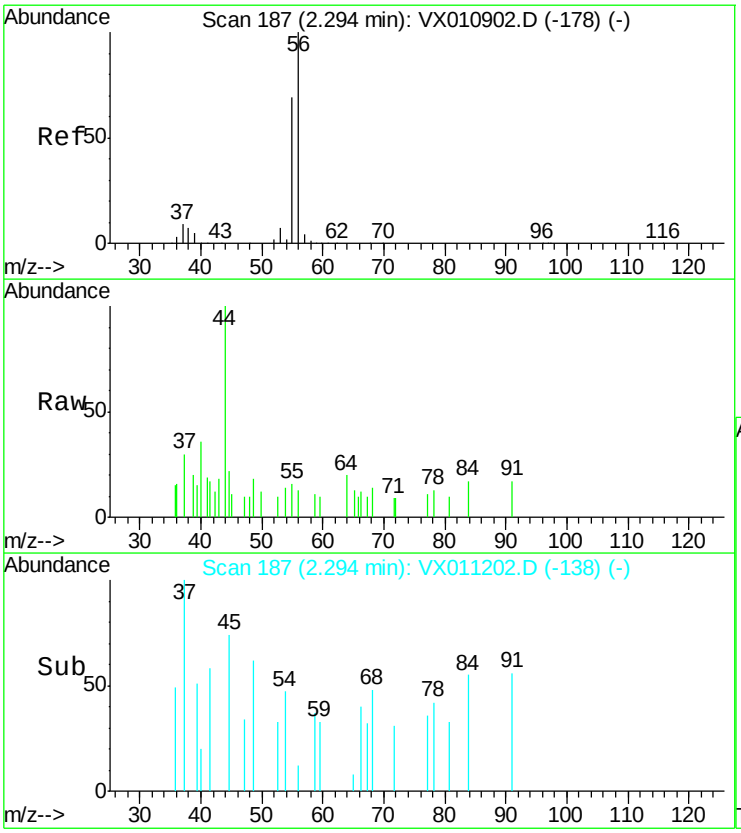

#12
1,1-Dichloroethene
Concen: 0.414 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-0673

Tgt Ion: 96 Resp: 819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 173.7 | 115.0 | 172.4# |
| 98 | 77.9 | 52.2 | 78.2 |

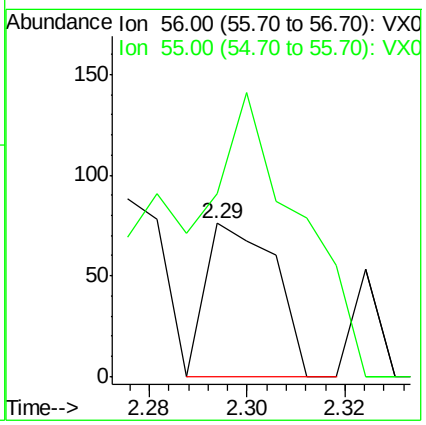


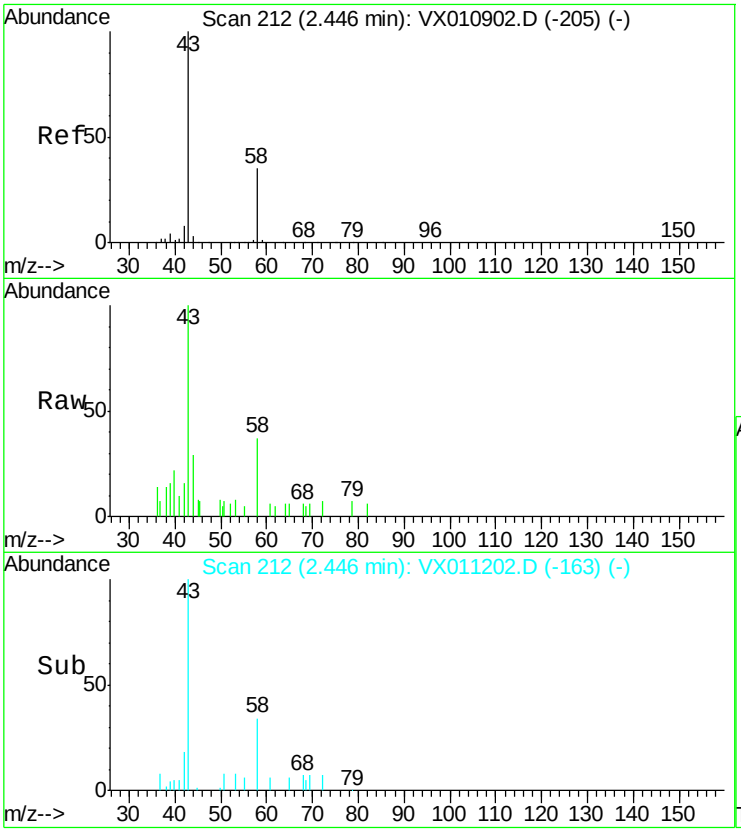




#13
Acrolein
Concen: 0.233 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

Tgt Ion: 56 Resp: 74

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 224.3 | 55.9 | 83.9# |



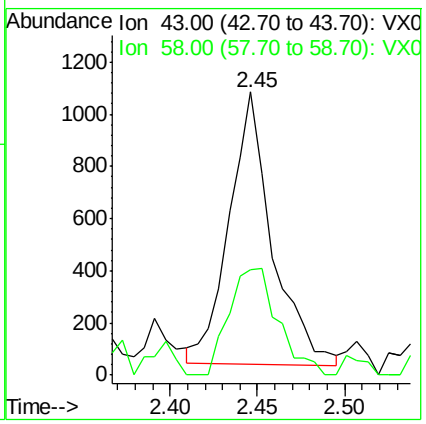


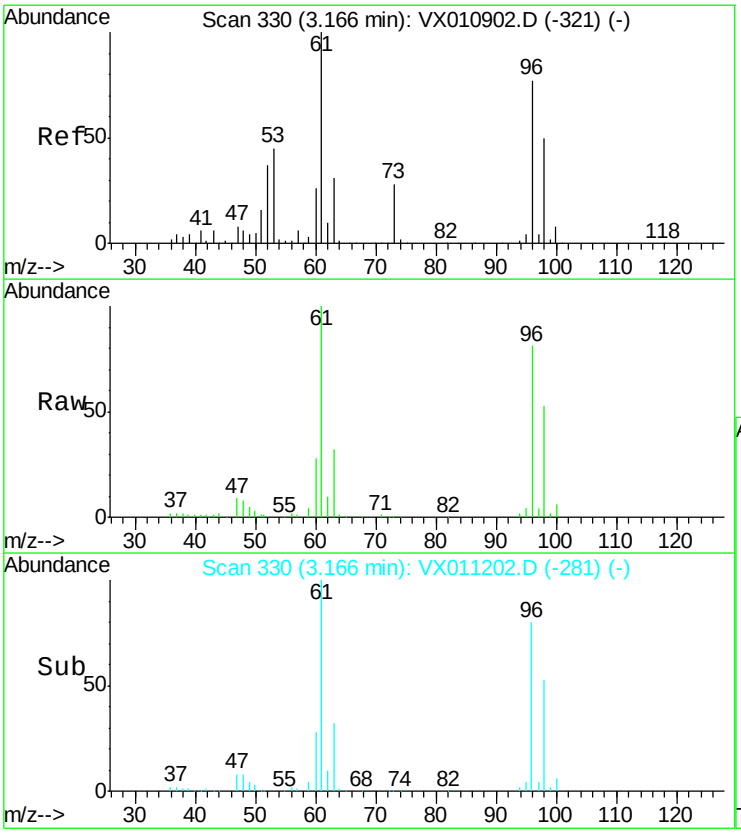

#16
Acetone
Concen: 1.671 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-0673

Tgt Ion: 43 Resp: 1783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.9 | 27.7 | 41.5 |

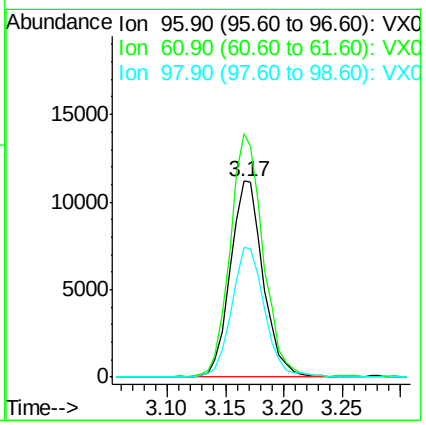


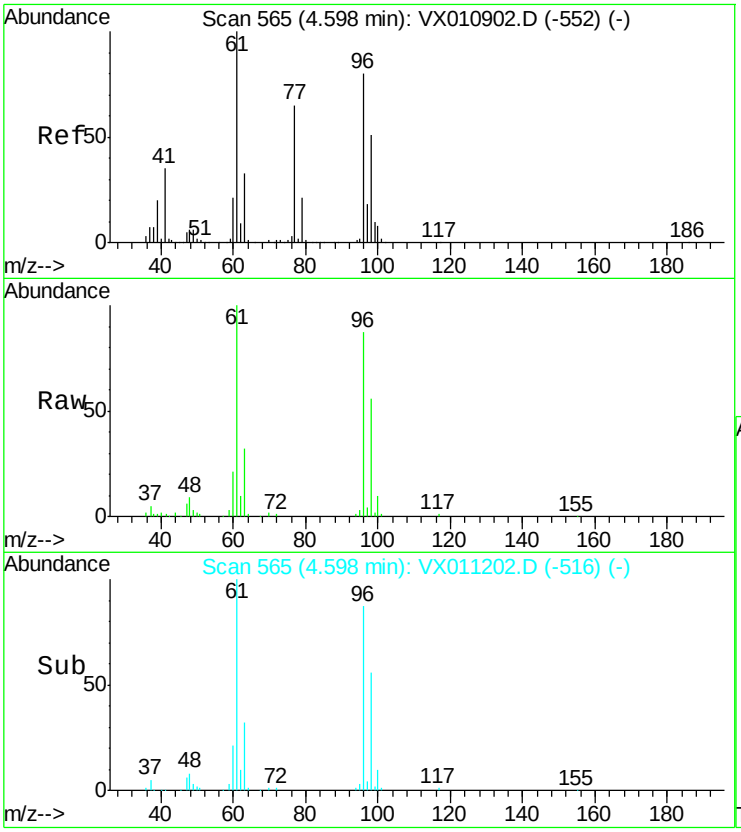




#21
trans-1,2-Dichloroethene
Concen: 10.438 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

Tgt Ion: 96 Resp: 21913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 124.2 | 104.2 | 156.2 |
| 98 | 66.2 | 52.2 | 78.4 |



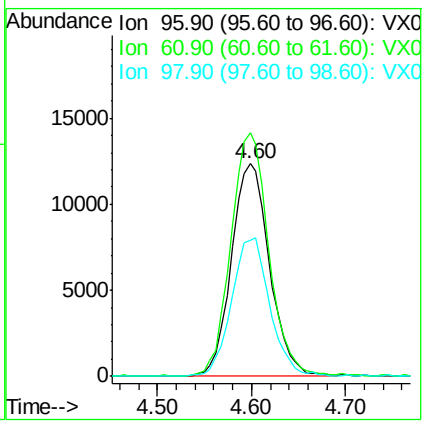


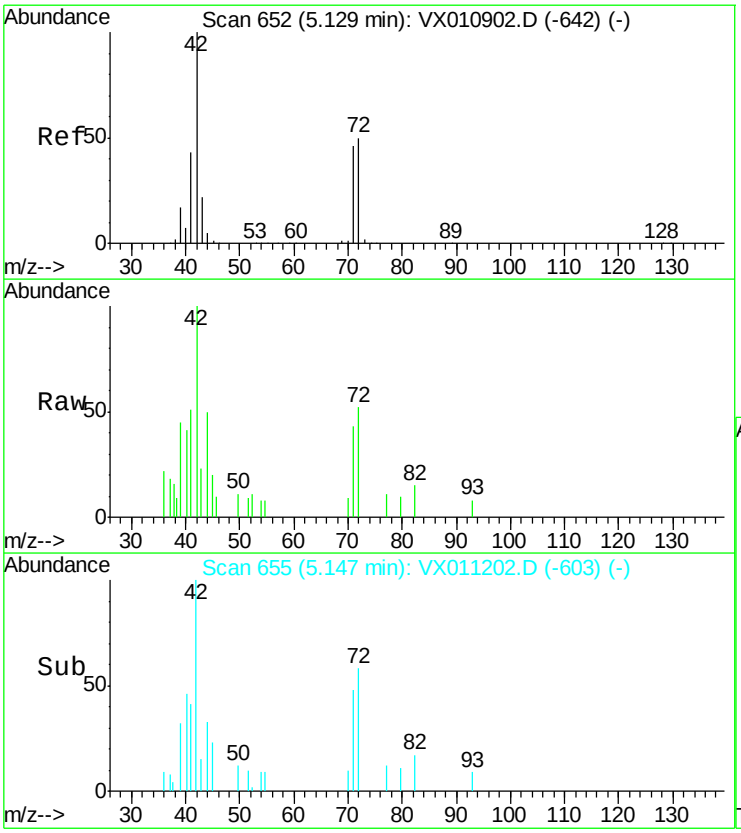

#27
cis-1,2-Dichloroethene
Concen: 14.373 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-0673

Tgt Ion: 96 Resp: 34920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 114.2 | 0.0 | 269.0 |
| 98 | 65.1 | 0.0 | 131.4 |

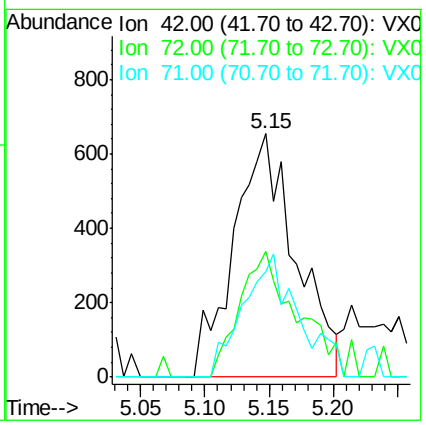


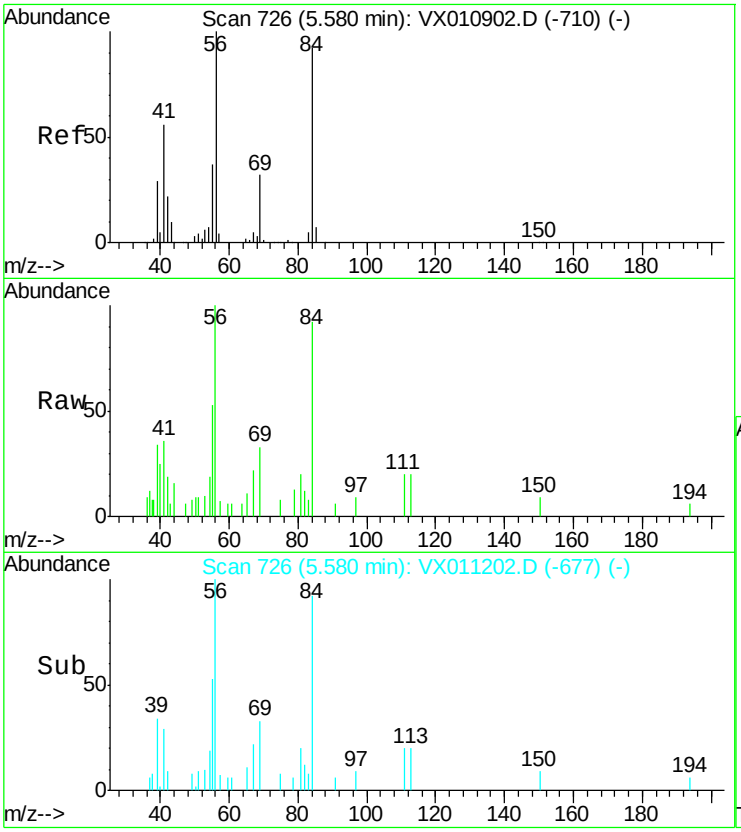




#29
Tetrahydrofuran
Concen: 2.249 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

Tgt Ion: 42 Resp: 2183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 48.9 | 39.8 | 59.8 |
| 71 | 40.2 | 37.0 | 55.4 |



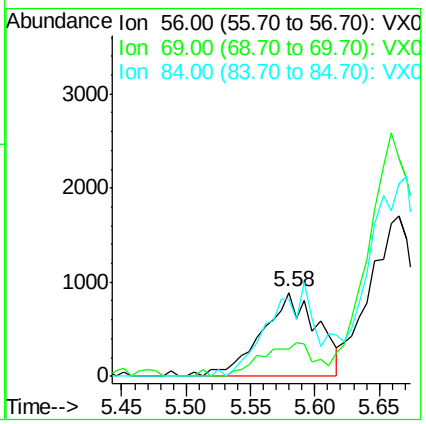


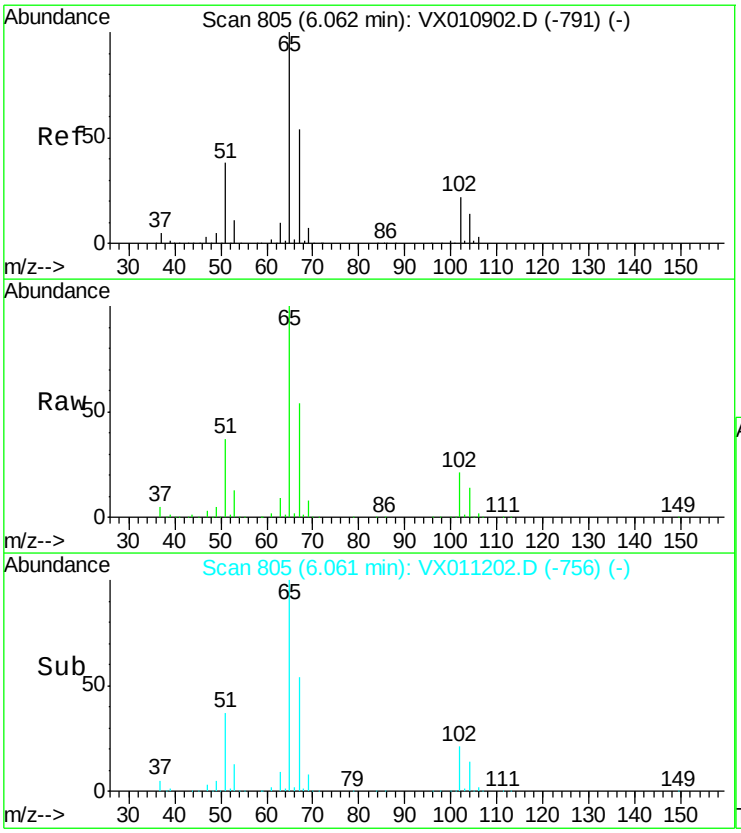

#31
Cyclohexane
Concen: 0.826 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-0673

Tgt Ion: 56 Resp: 2651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.7 | 25.8 | 38.8 |
| 84 | 92.3 | 73.8 | 110.6 |

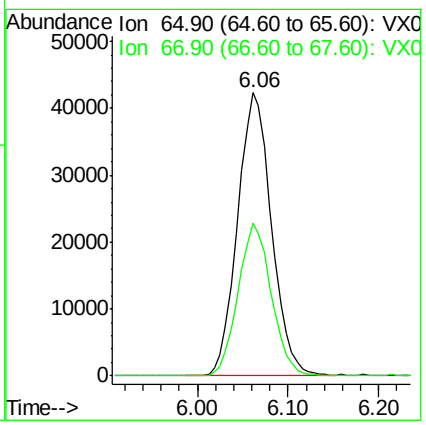


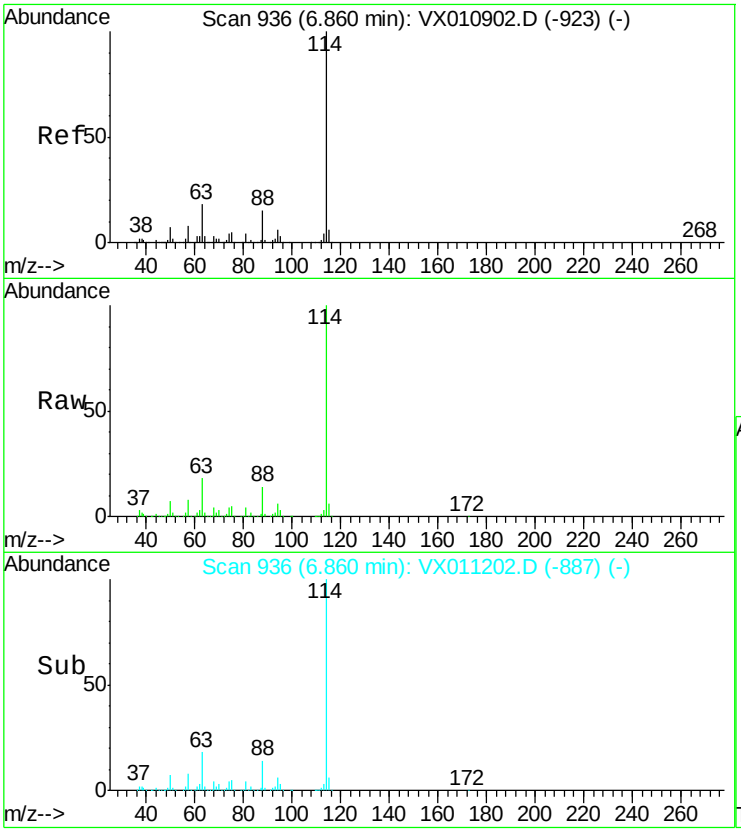




#33
1,2-Dichloroethane-d4
Concen: 46.470 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

Tgt Ion: 65 Resp: 109813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.9 | 0.0 | 107.8 |



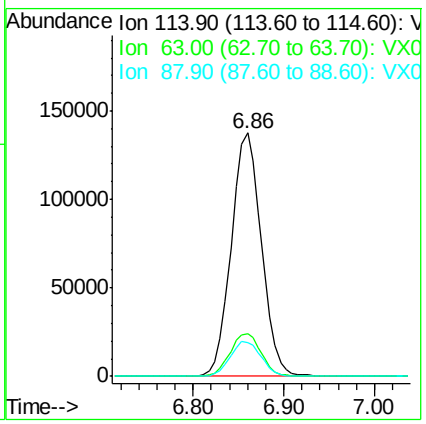


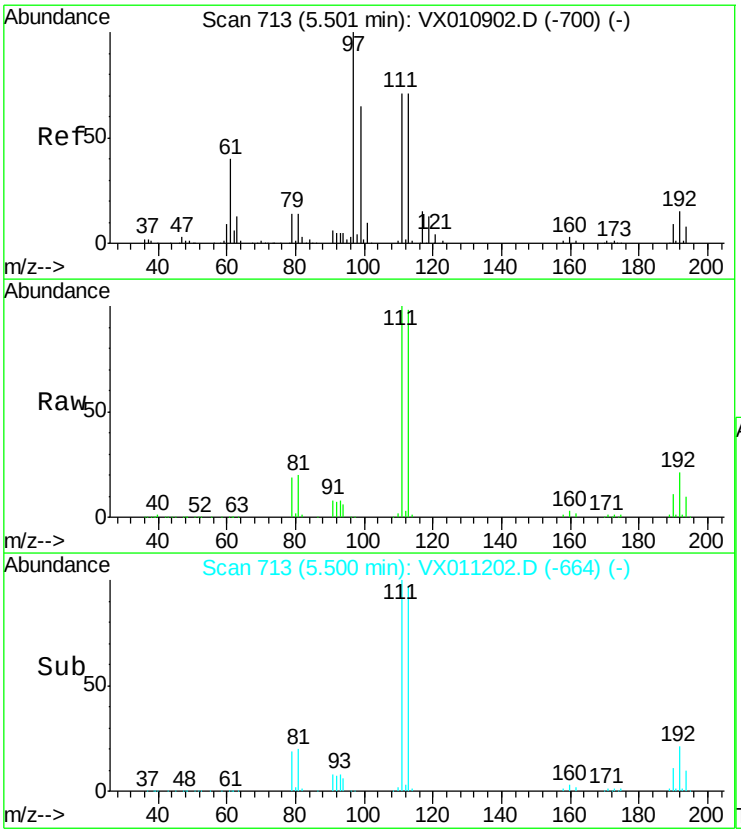

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-0673

Tgt Ion:114 Resp: 317326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 17.7 | 0.0 | 35.6 |
| 88 | 14.1 | 0.0 | 29.8 |

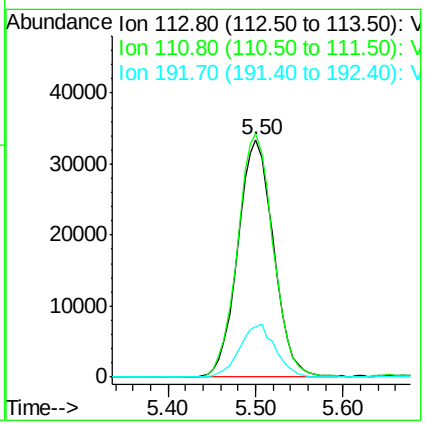


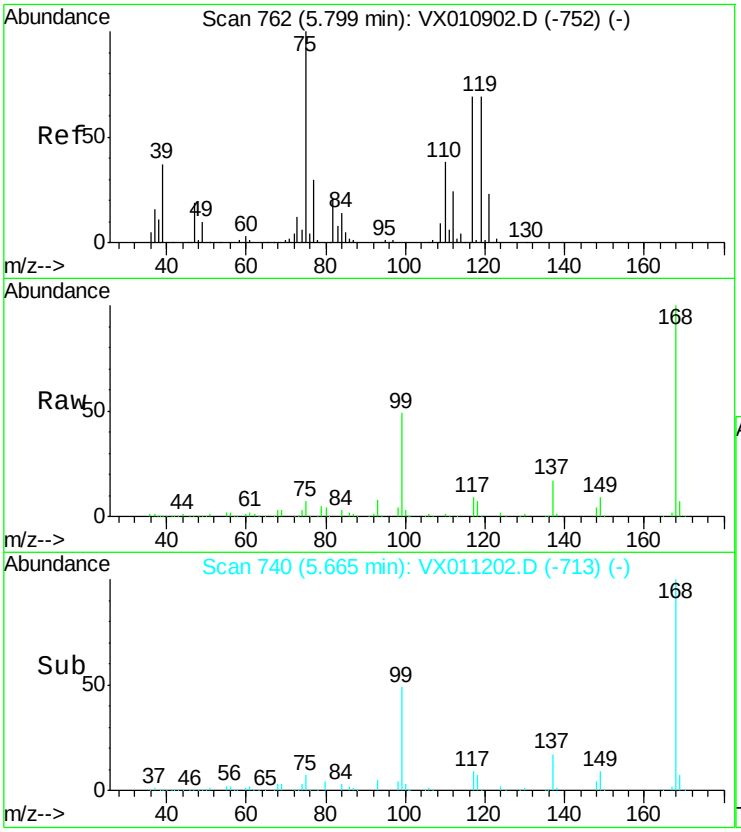




#35
Dibromofluoromethane
Concen: 47.141 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

Tgt Ion:113 Resp: 94949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.5 | 82.3 | 123.5 |
| 192 | 22.0 | 17.4 | 26.2 |



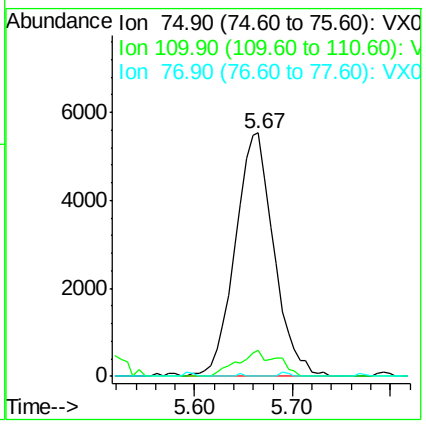


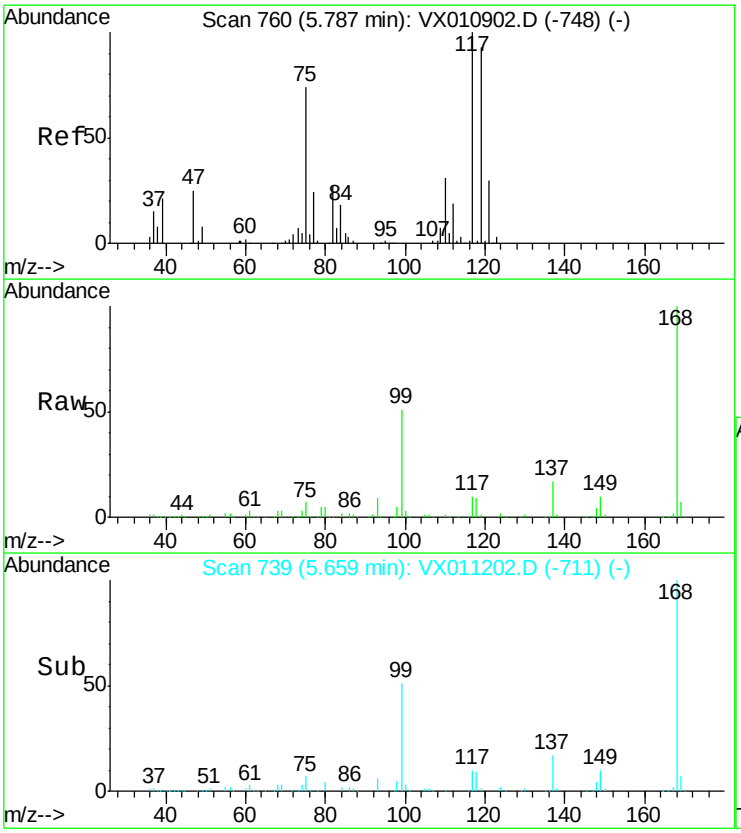

#36
1,1-Dichloropropene
Concen: 5.822 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-0673

Tgt Ion: 75 Resp: 15175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 10.8 | 19.9 | 59.7# |
| 77 | 0.1 | 25.0 | 37.4# |

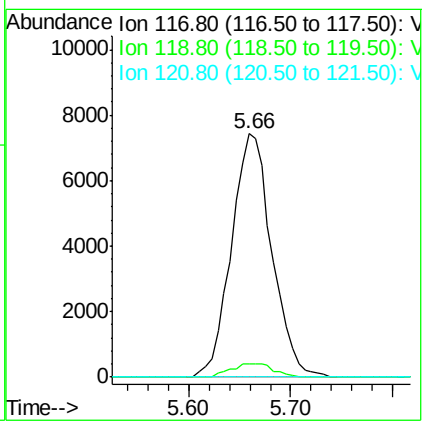


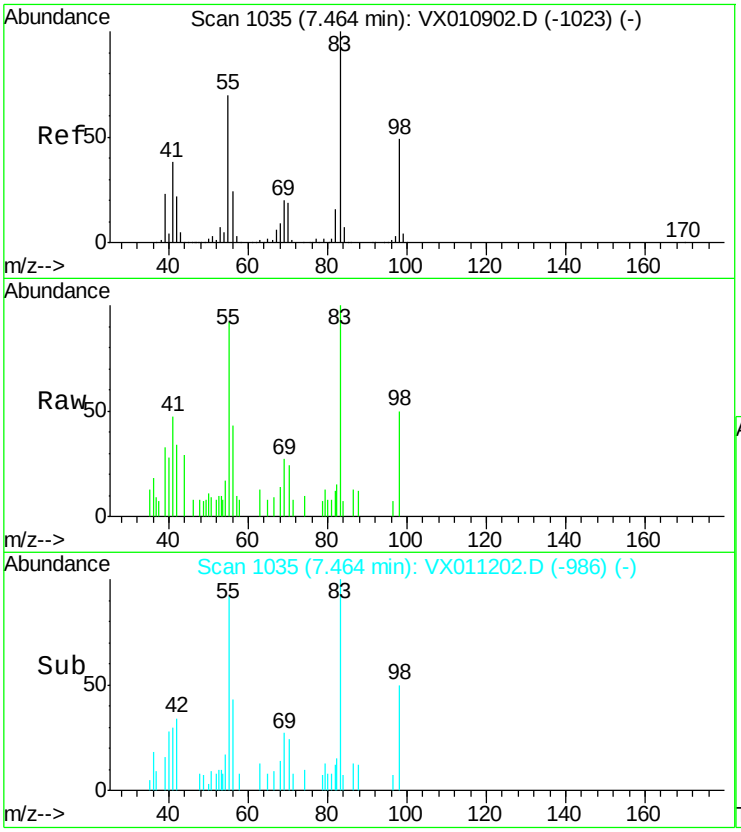




#38
Carbon Tetrachloride
Concen: 7.508 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

Tgt Ion:117 Resp: 20392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.7 | 74.2 | 111.2# |
| 121 | 0.0 | 24.2 | 36.2# |



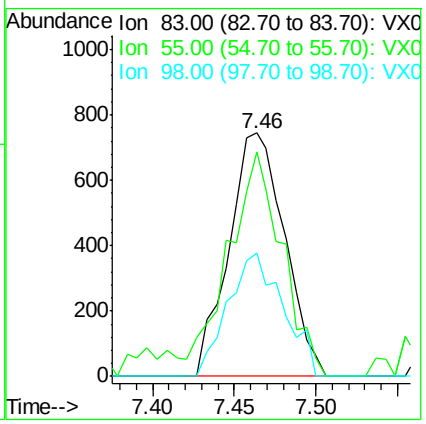


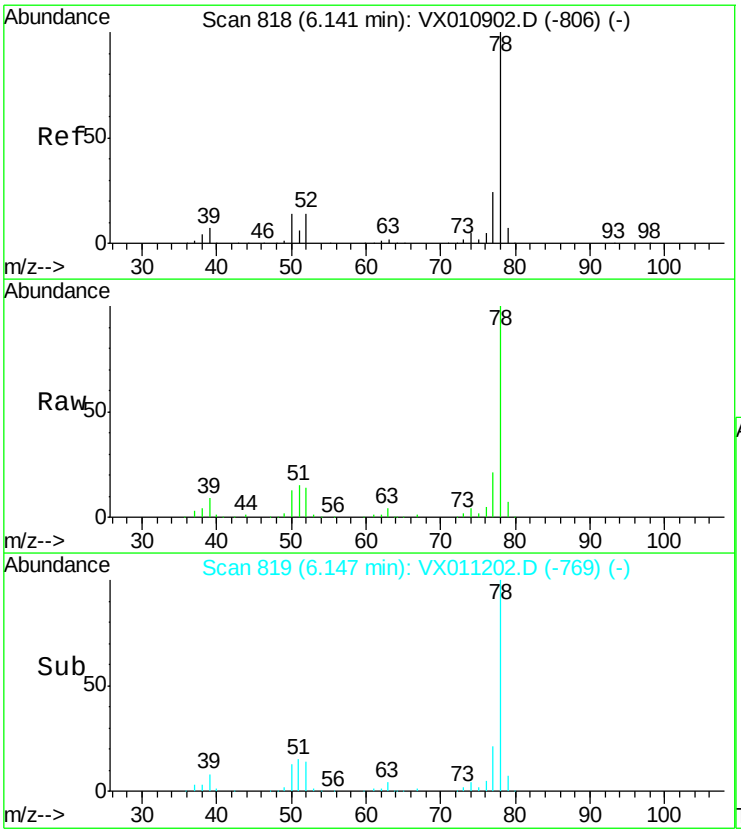

#39
Methylcyclohexane
Concen: 0.521 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-0673

Tgt Ion: 83 Resp: 1762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 92.1 | 56.2 | 84.4# |
| 98 | 50.5 | 39.0 | 58.4 |

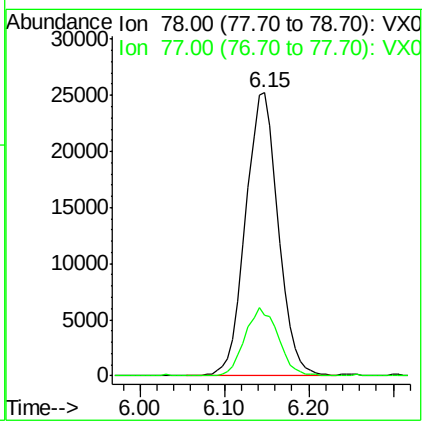


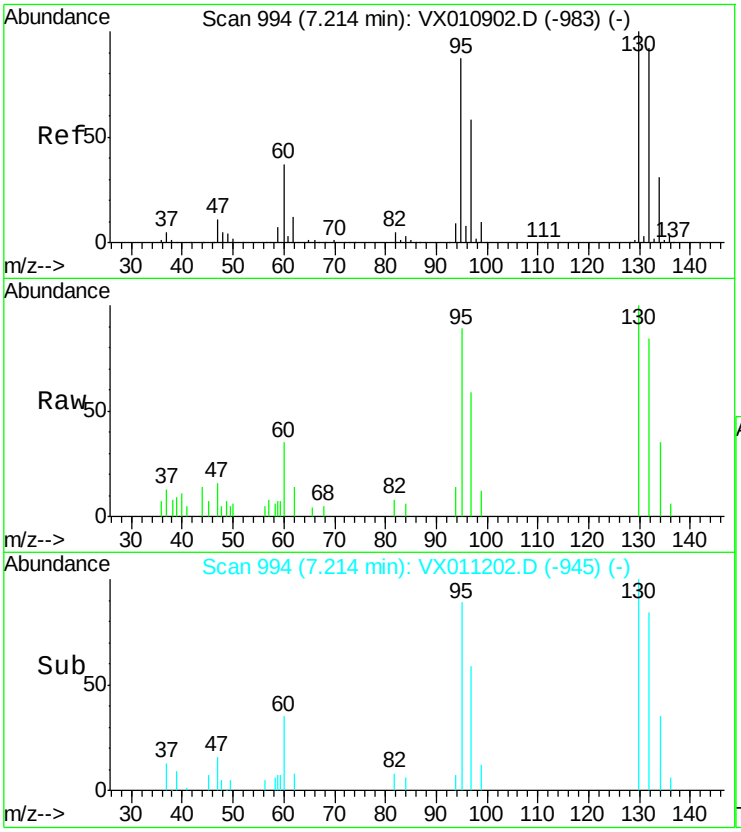




#40
Benzene
Concen: 8.334 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

Tgt Ion: 78 Resp: 66540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 21.4 | 19.0 | 28.6 |



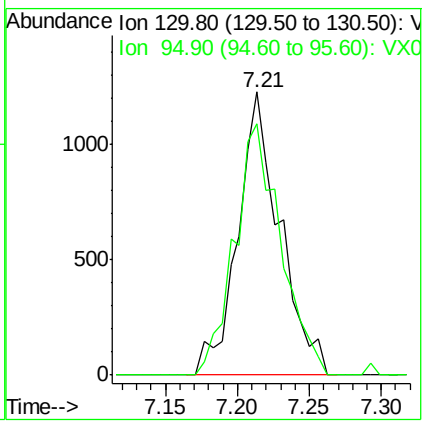


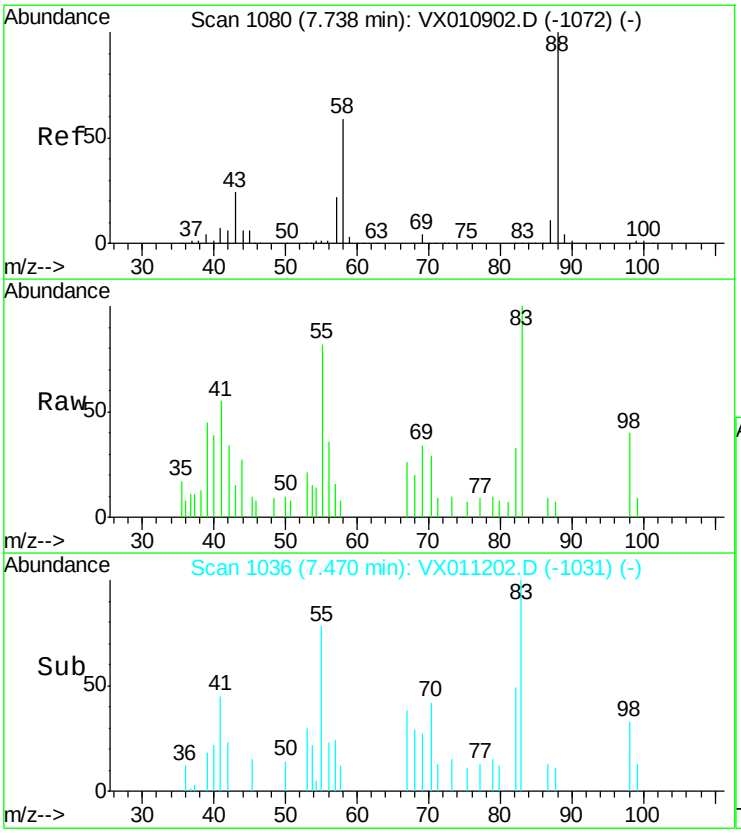

#44
Trichloroethene
Concen: 1.050 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-0673

Tgt Ion:130 Resp: 2482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 88.9 | 0.0 | 174.8 |

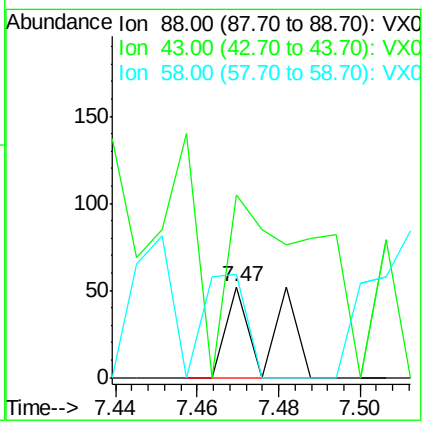


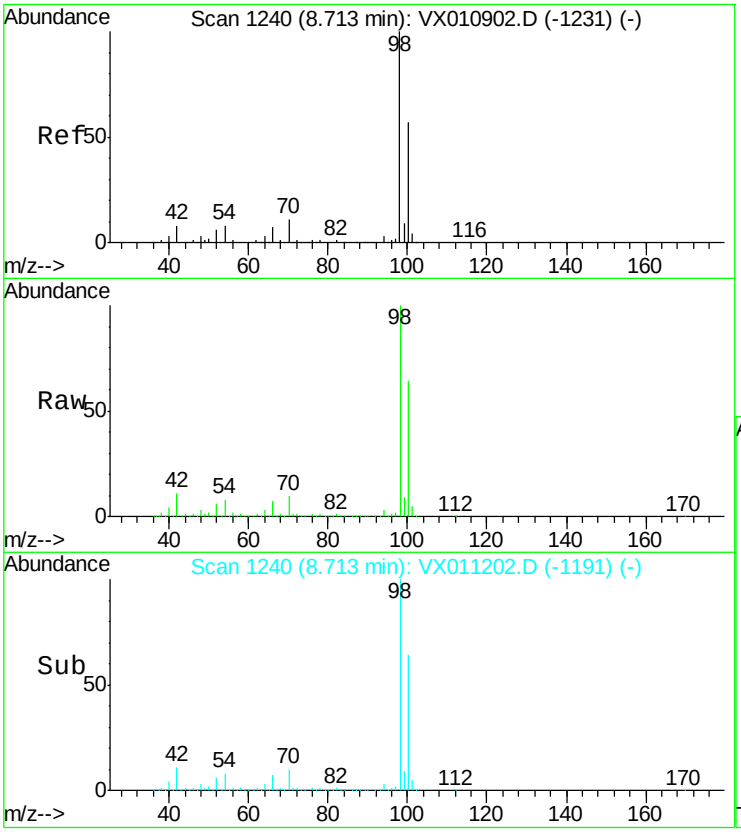




#49
1,4-Dioxane
Concen: 0.635 ug/l
RT: 7.47 min Scan# 1036
Delta R.T. -0.27 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

Tgt Ion: 88 Resp: 38

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 413.2 | 22.9 | 34.3# |
| 58 | 0.0 | 49.8 | 74.8# |



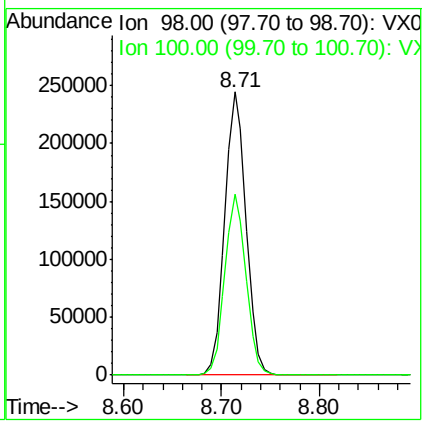


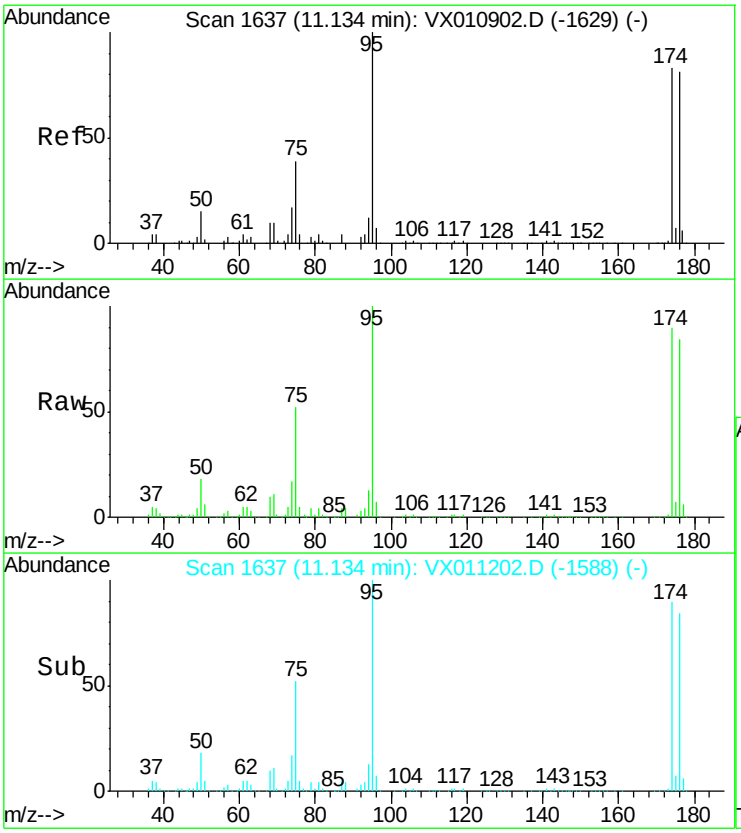

#50
Toluene-d8
Concen: 49.018 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-0673

Tgt Ion: 98 Resp: 370299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.8 | 50.6 | 75.8 |

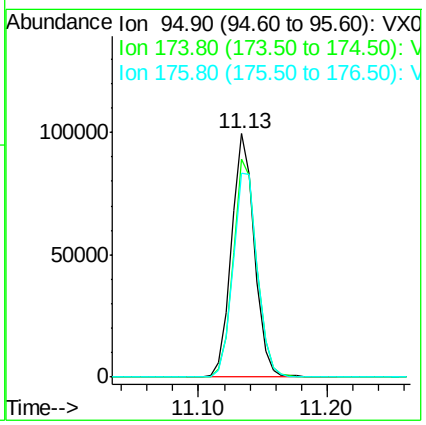


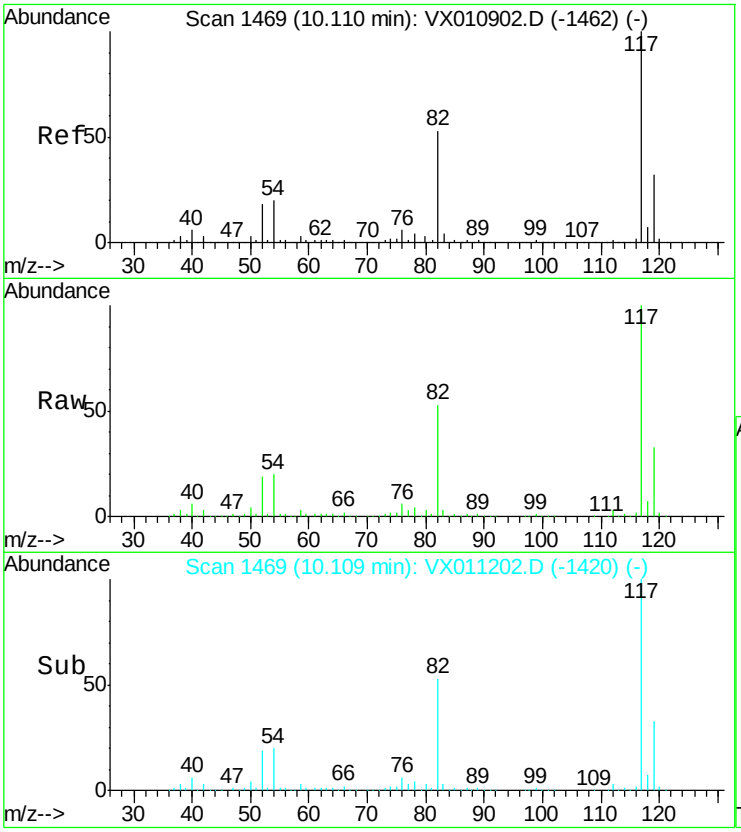




#62
4-Bromofluorobenzene
Concen: 44.628 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

Tgt Ion: 95 Resp: 123920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 91.2 | 0.0 | 180.6 |
| 176 | 89.0 | 0.0 | 173.8 |



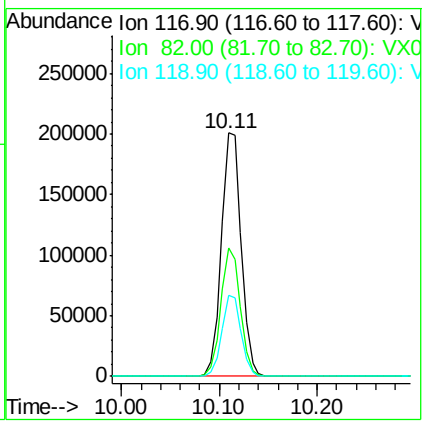


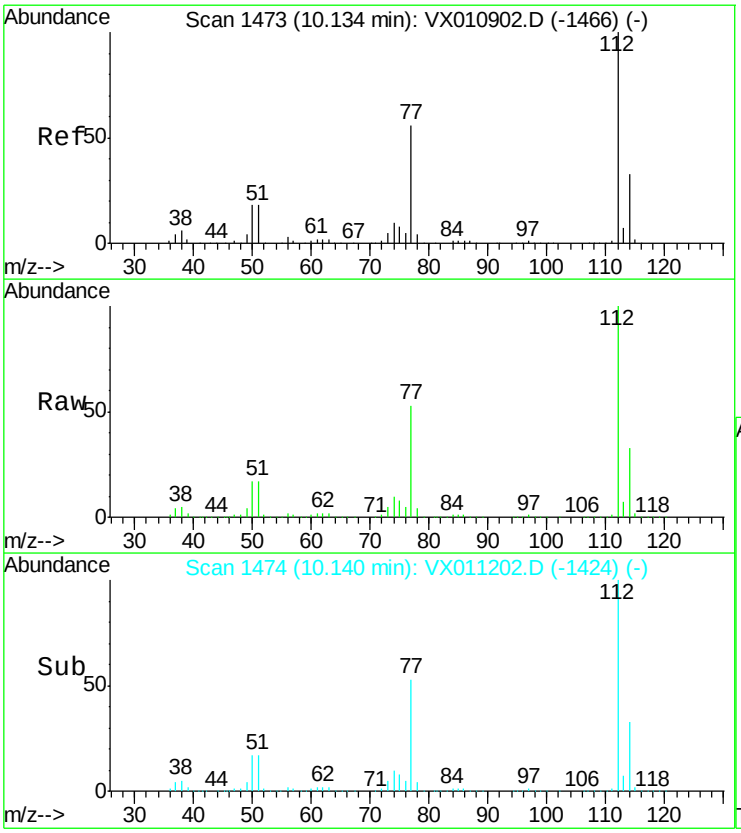

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

**Instrument :** MSVOA_X
**ClientSampleId :** Z3-0673

Tgt Ion:117 Resp: 281415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.0 | 42.6 | 63.8 |
| 119 | 33.1 | 25.9 | 38.9 |

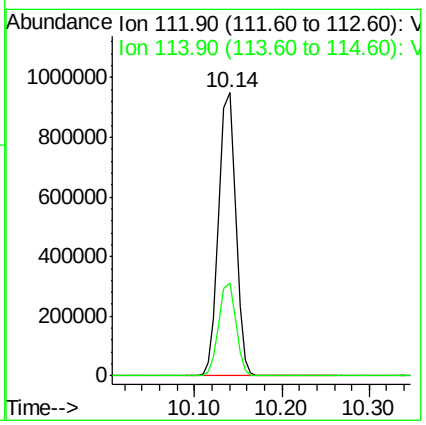


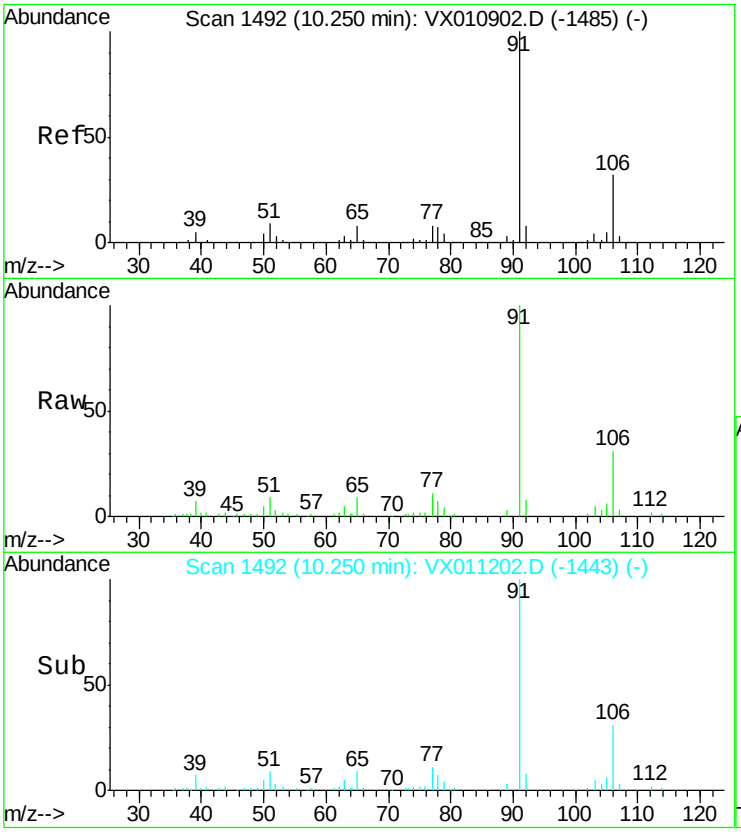




#65
Chlorobenzene
Concen: 223.076 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

Tgt Ion:112 Resp: 1289381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.6 | 26.2 | 39.4 |



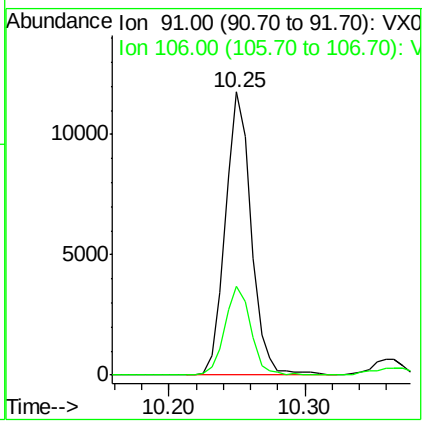


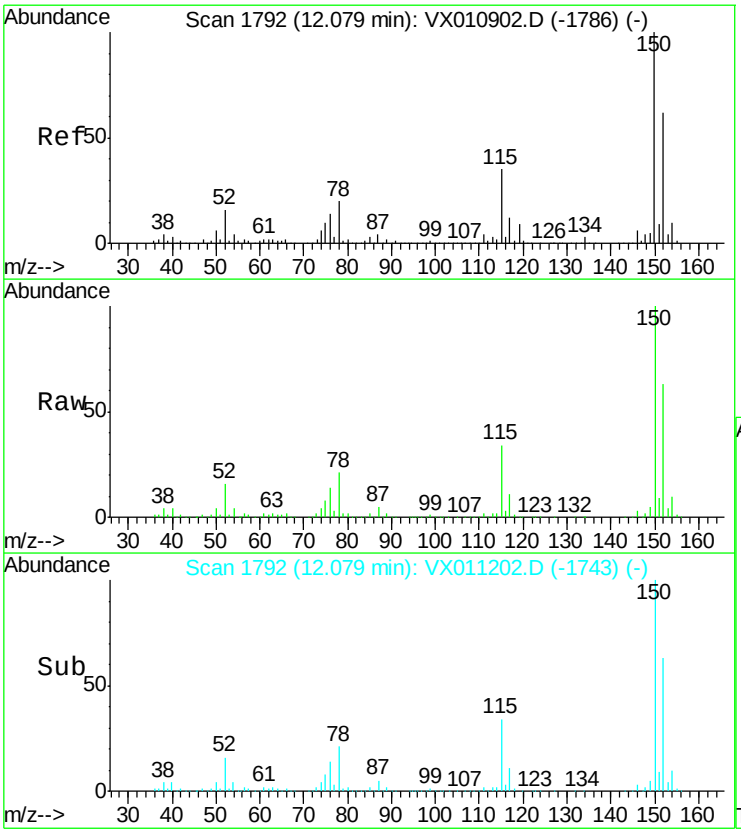

#67
Ethyl Benzene
Concen: 1.575 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-0673

Tgt Ion: 91 Resp: 15499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.5 | 25.4 | 38.2 |

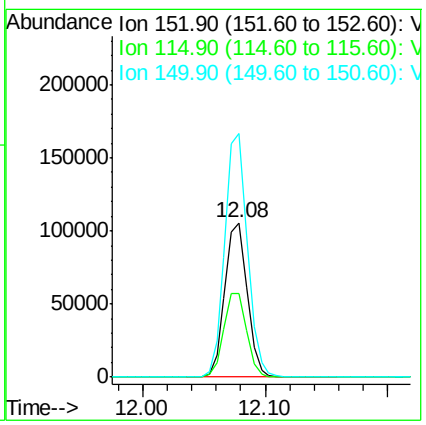


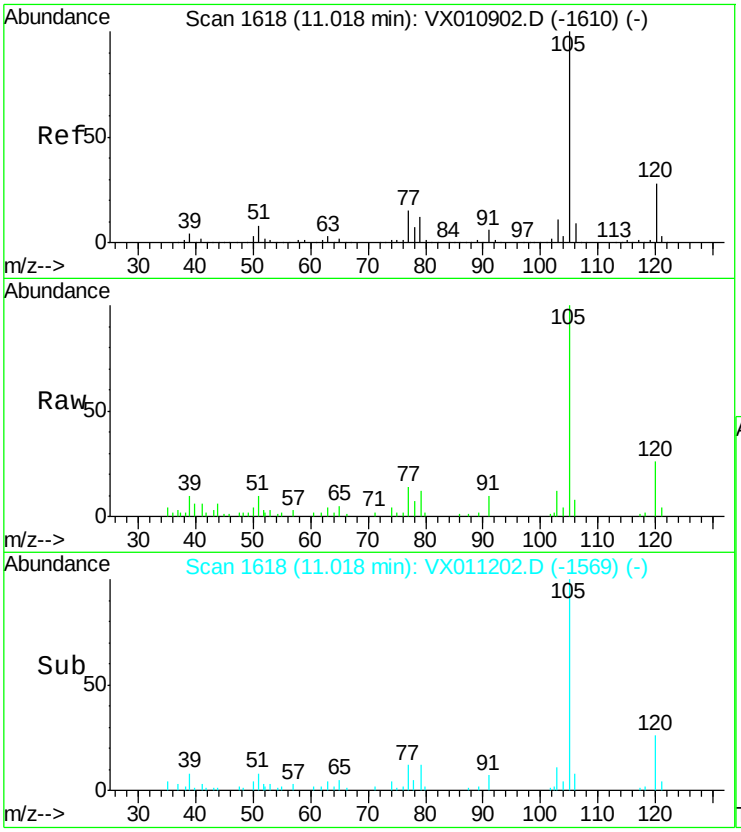




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

Tgt Ion:152 Resp: 133214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 55.7 | 39.7 | 119.1 |
| 150 | 159.9 | 0.0 | 345.6 |



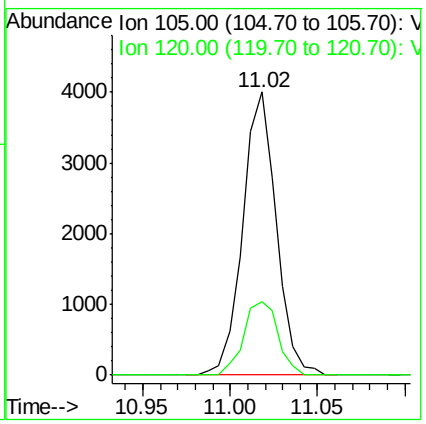


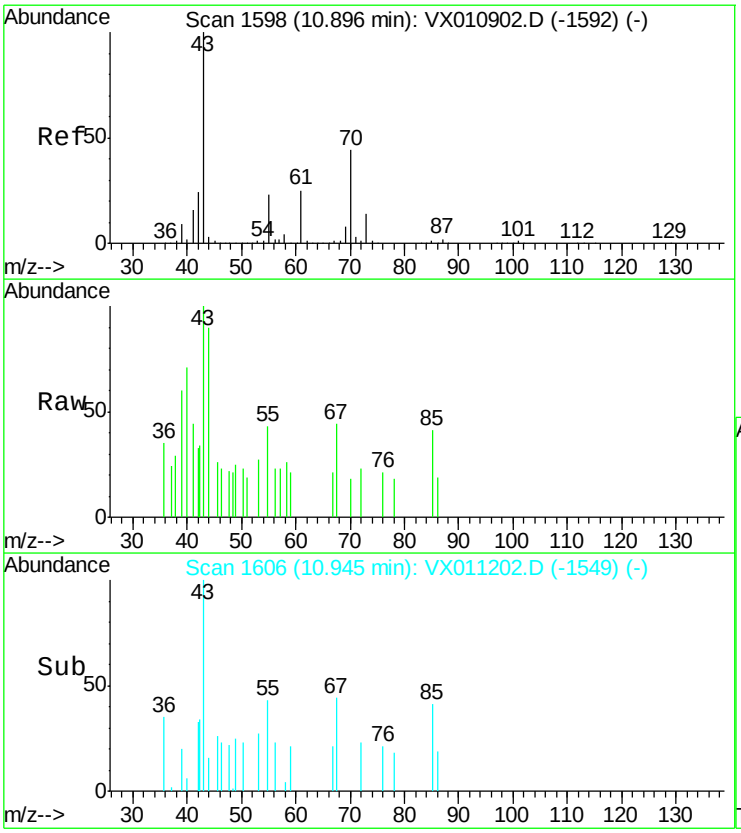

#73
Isopropylbenzene
Concen: 0.593 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-0673

Tgt Ion:105 Resp: 5337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.7 | 13.7 | 41.1 |

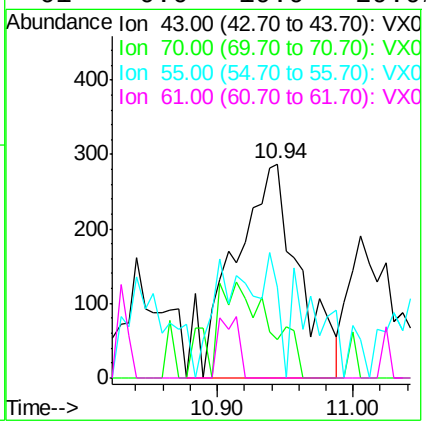


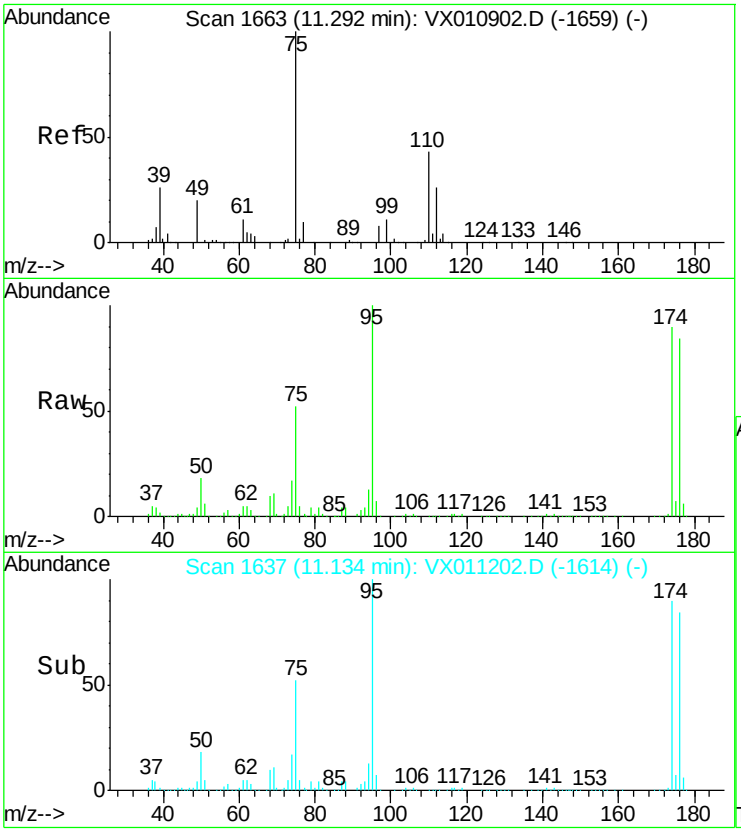




#74
N-amyl acetate
Concen: 0.282 ug/l
RT: 10.94 min Scan# 1606
Delta R.T. 0.05 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

Tgt Ion: 43 Resp: 970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 0.0 | 34.7 | 52.1# |
| 55 | 20.7 | 19.1 | 28.7 |
| 61 | 0.0 | 19.9 | 29.9# |



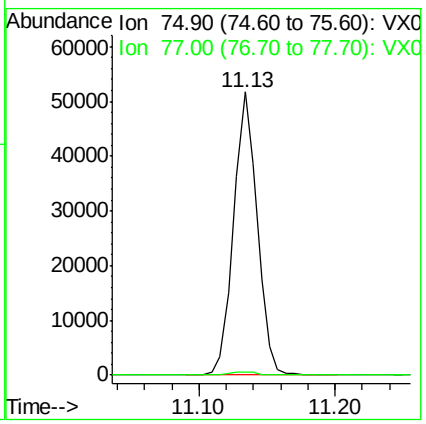


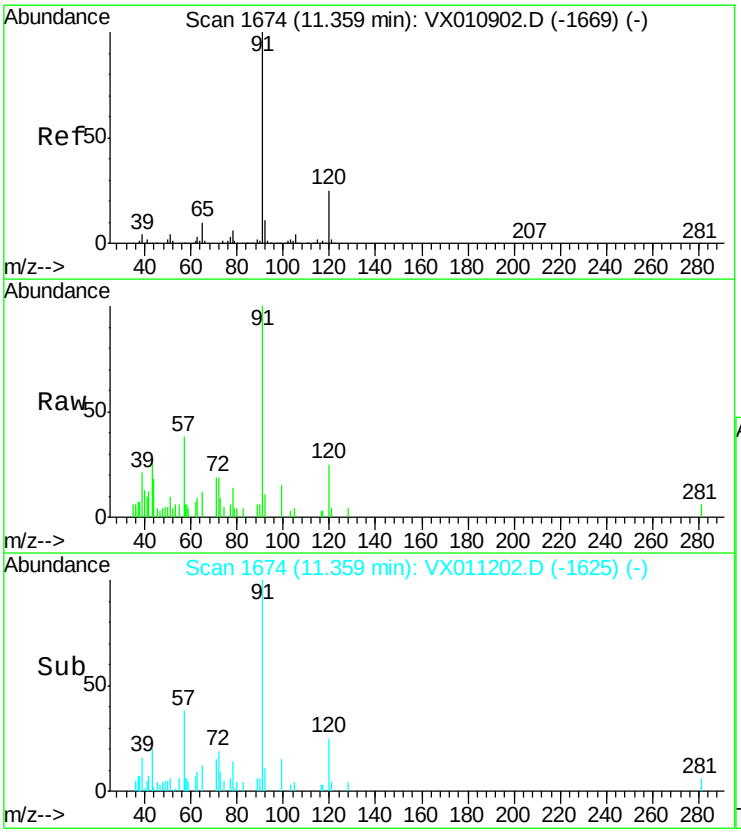

#76
1,2,3-Trichloropropane
Concen: 25.957 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

**Instrument :** MSVOA_X
**ClientSampleId :** Z3-0673

Tgt Ion: 75 Resp: 62399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.5 | 21.3 | 64.0# |

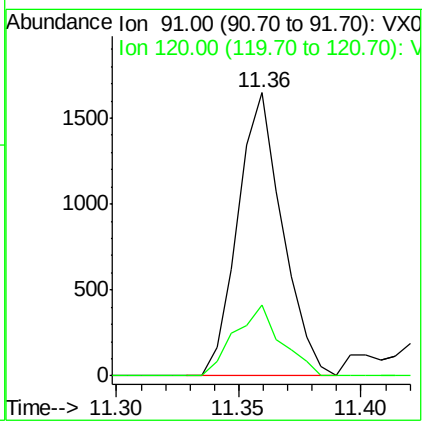


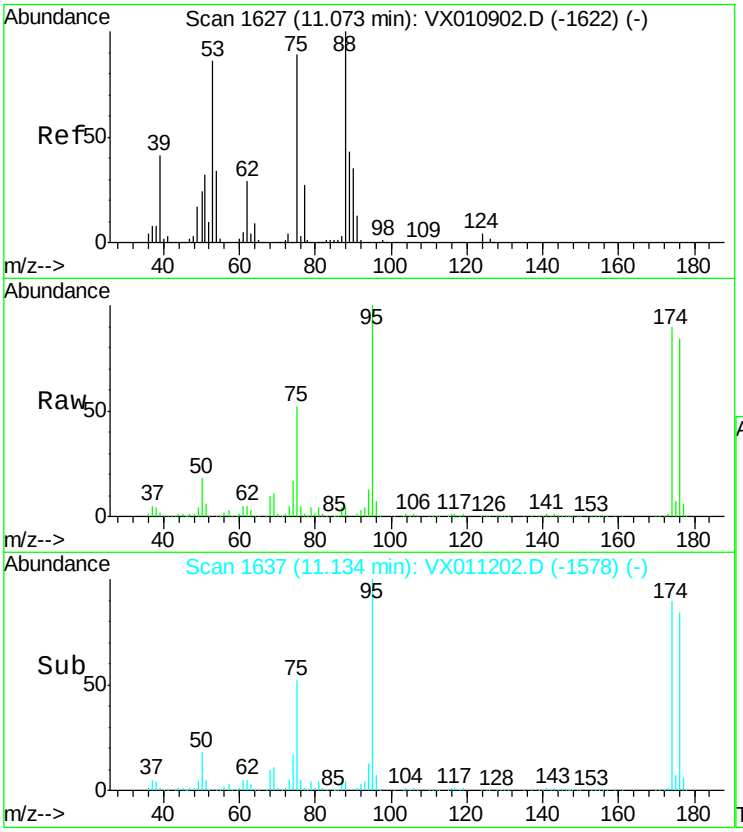




#78
n-propylbenzene
Concen: 0.210 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

Tgt Ion: 91 Resp: 2089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 26.2 | 12.3 | 36.8 |



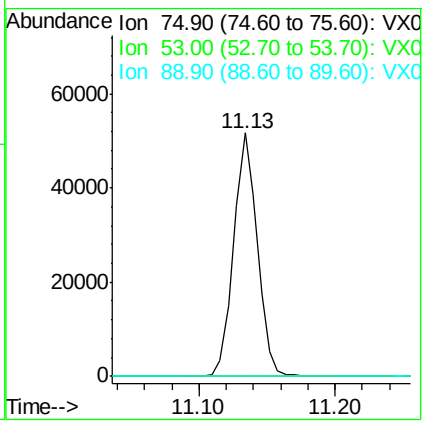


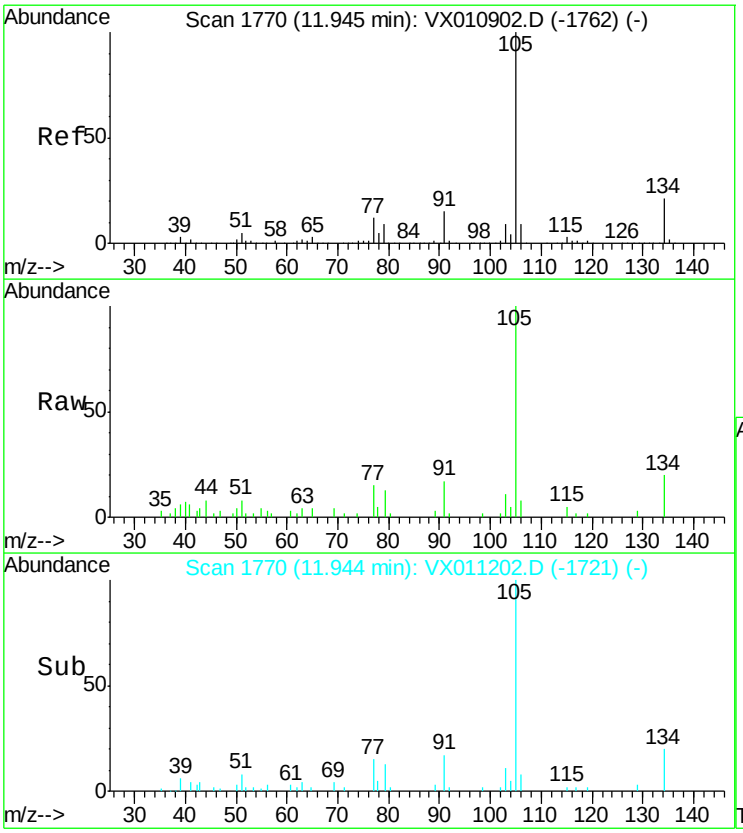

#81
trans-1,4-Dichloro-2-butene
Concen: 64.509 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-0673

Tgt Ion: 75 Resp: 62399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.3 | 76.7 | 115.1# |
| 89 | 0.0 | 38.5 | 57.7# |

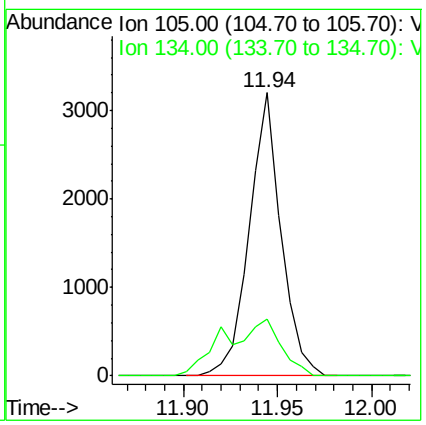


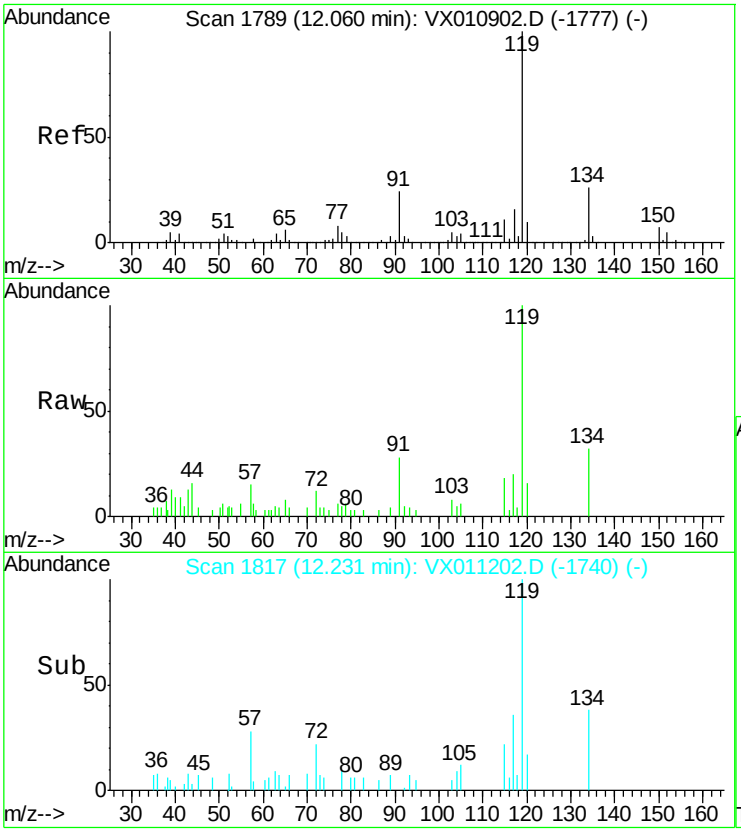




#85
sec-Butylbenzene
Concen: 0.432 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

Tgt Ion:105 Resp: 3741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 21.9 | 10.4 | 31.4 |



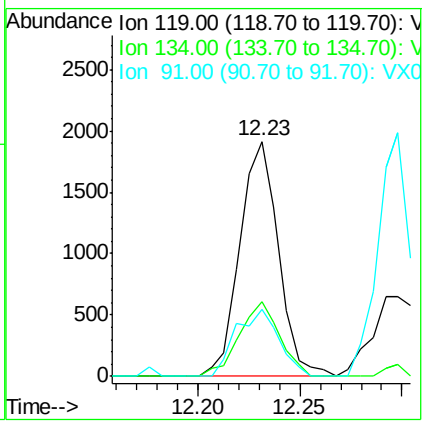


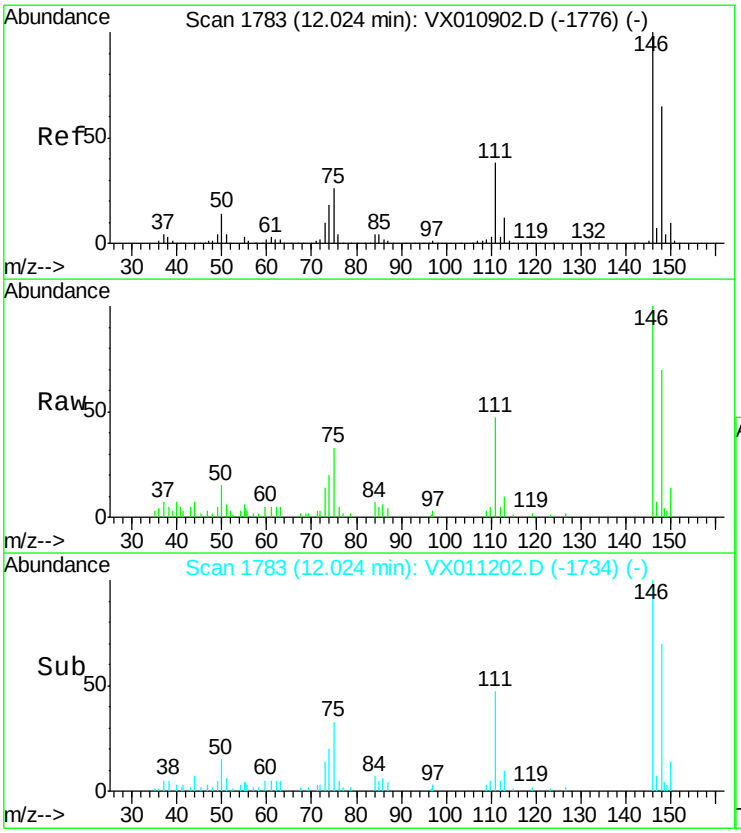

#86
p-Isopropyltoluene
Concen: 0.314 ug/l
RT: 12.23 min Scan# 1817
Delta R.T. 0.17 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-0673

Tgt Ion:119 Resp: 2513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 33.3 | 13.4 | 40.1 |
| 91 | 31.8 | 11.8 | 35.4 |

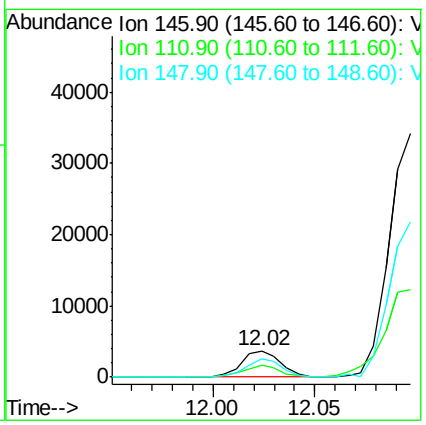


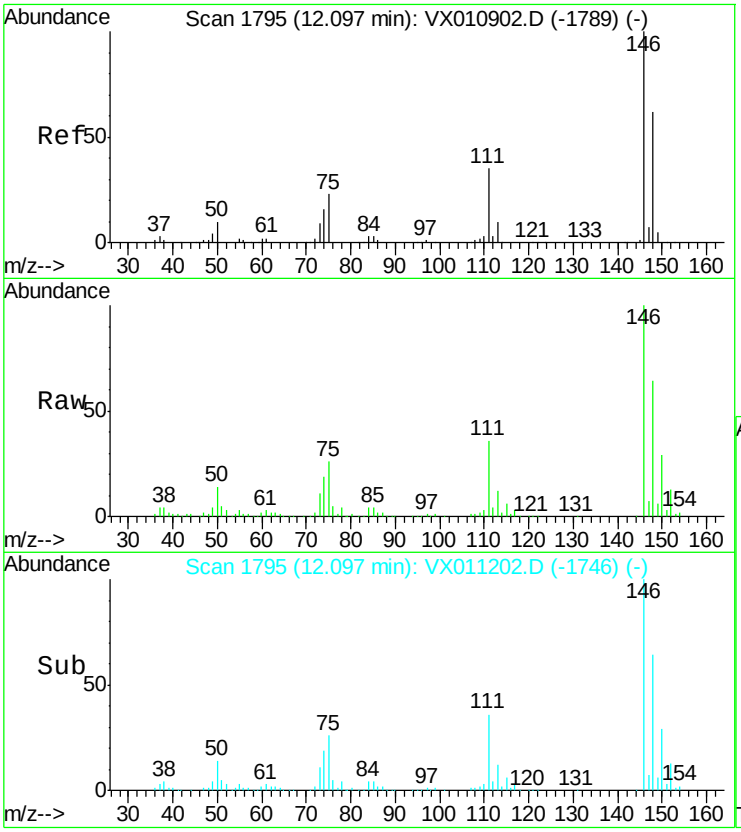




#87
1,3-Dichlorobenzene
Concen: 1.140 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

Tgt Ion:146 Resp: 4910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.0 | 18.9 | 56.9 |
| 148 | 64.8 | 32.2 | 96.6 |



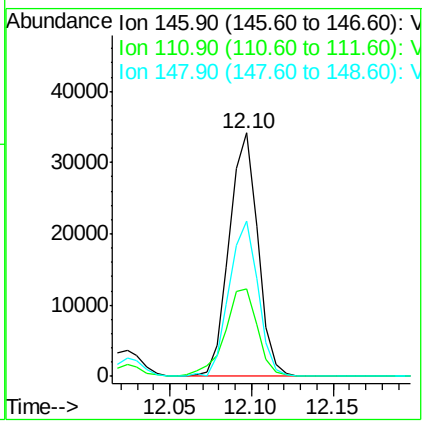


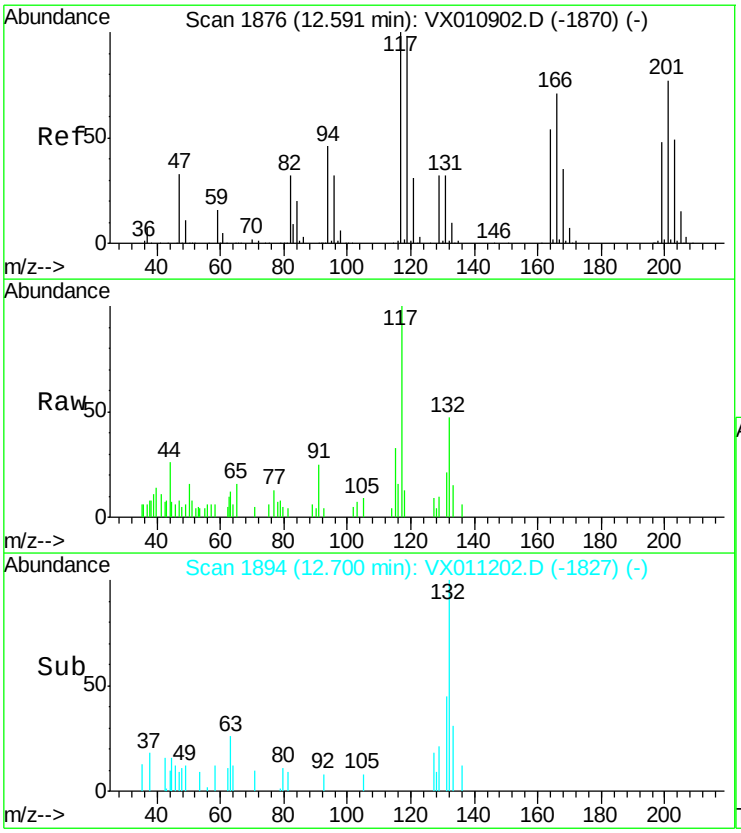

#88
1,4-Dichlorobenzene
Concen: 9.456 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-0673

Tgt Ion:146 Resp: 41786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.1 | 18.6 | 55.8 |
| 148 | 64.3 | 31.6 | 94.7 |

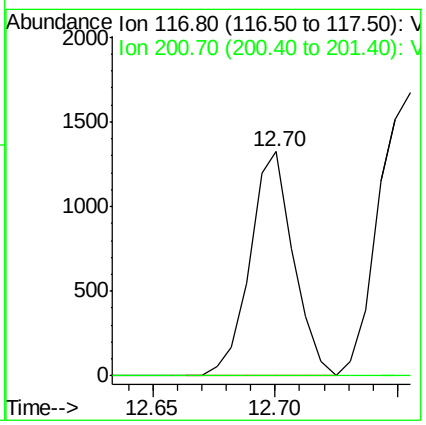


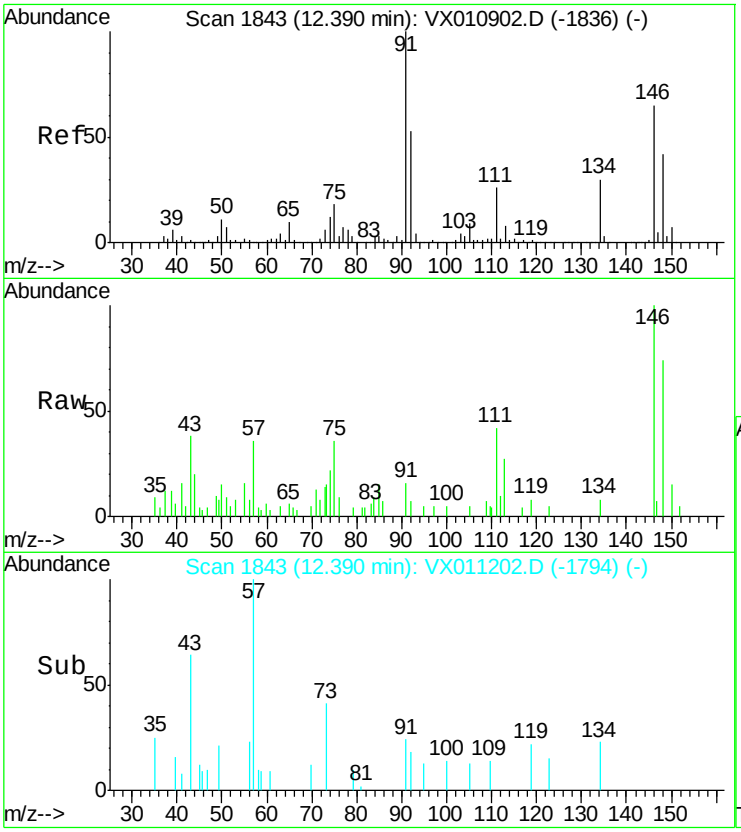




#90
Hexachloroethane
Concen: 1.300 ug/l
RT: 12.70 min Scan# 1894
Delta R.T. 0.11 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

Tgt Ion:117 Resp: 1641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 43.3 | 129.8# |






#91
1,2-Dichlorobenzene
Concen: 0.508 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX011202.D
Acq: 30 Jul 2019 18:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-0673

Tgt Ion:146 Resp: 2169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.9 | 19.9 | 59.7 |
| 148 | 61.4 | 32.0 | 96.2 |