Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072518\
Data File : VX003656.D
Acq On : 25 Jul 2018 14:05
Operator : JC/SP
Sample : J4110-01ME
Misc : 6.36g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** GS-RO-338-RO-147-RO-278ME

Quant Time: Jul 27 04:33:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.66 | 168 | 71914 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 110774 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 111652 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 75127 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 53519 | 50.24 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.48% | | | | |
| 35) Dibromofluoromethane | 5.51 | 113 | 41635 | 45.98 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 91.96% | | | | |
| 50) Toluene-d8 | 8.71 | 98 | 163295 | 47.25 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 94.50% | | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 63751 | 50.58 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.16% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 3) Chloromethane | 1.32 | 50 | 334 | 0.310 | ug/l | | 93 |
| 5) Bromomethane | 1.63 | 94 | 646 | 1.212 | ug/l | | 96 |
| 6) Chloroethane | 1.68 | 64 | 40 | 2.005 | ug/l | # | 1 |
| 10) Methyl Iodide | 2.48 | 142 | 1009 | 3.975 | ug/l | # | 92 |
| 11) Tert butyl alcohol | 3.10 | 59 | 140 | 0.550 | ug/l | # | 72 |
| 13) Acrolein | 2.31 | 56 | 75 | 4.606 | ug/l | # | 58 |
| 15) Acrylonitrile | 3.18 | 53 | 307 | 0.499 | ug/l | # | 89 |
| 17) Carbon Disulfide | 2.53 | 76 | 979 | 0.409 | ug/l | # | 67 |
| 18) Methyl Acetate | 2.80 | 43 | 3735 | 2.471 | ug/l | # | 88 |
| 20) Methylene Chloride | 2.84 | 84 | 369 | 0.372 | ug/l | # | 81 |
| 21) trans-1,2-Dichloroethene | 3.14 | 96 | 275 | 0.307 | ug/l | | 86 |
| 25) 2-Butanone | 4.75 | 43 | 1799 | 2.327 | ug/l | | 93 |
| 29) Tetrahydrofuran | 5.19 | 42 | 385 | 0.765 | ug/l | # | 62 |
| 36) 1,1-Dichloropropene | 5.66 | 75 | 5757 | 4.446 | ug/l | # | 48 |
| 38) Carbon Tetrachloride | 5.66 | 117 | 6650 | 5.329 | ug/l | # | 14 |
| 39) Methylcyclohexane | 7.45 | 83 | 1251 | 0.878 | ug/l | | 94 |
| 51) 4-Methyl-2-Pentanone | 8.66 | 43 | 363 | 0.237 | ug/l | # | 36 |
| 55) 1,1,2-Trichloroethane | 9.16 | 97 | 710 | 0.729 | ug/l | # | 15 |
| 59) 2-Hexanone | 9.44 | 43 | 4193 | 3.567 | ug/l | # | 28 |
| 67) Ethyl Benzene | 10.25 | 91 | 1411 | 0.300 | ug/l | # | 78 |
| 68) m/p-Xylenes | 10.36 | 106 | 7523 | 4.169 | ug/l | | 95 |
| 69) o-Xylene | 10.70 | 106 | 8500 | 4.893 | ug/l | | 95 |
| 70) Styrene | 10.70 | 104 | 650 | 0.223 | ug/l | # | 1 |
| 73) Isopropylbenzene | 11.02 | 105 | 2539 | 0.495 | ug/l | | 100 |
| 75) 1,1,2,2-Tetrachloroethane | 11.28 | 83 | 4620 | 2.437 | ug/l | # | 26 |
| 76) 1,2,3-Trichloropropane | 11.44 | 75 | 1331 | 0.845 | ug/l | # | 1 |
| 78) n-propylbenzene | 11.37 | 91 | 5025 | 0.848 | ug/l | # | 52 |
| 79) 2-Chlorotoluene | 11.44 | 91 | 17788 | 4.938 | ug/l | # | 41 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 58010 | 13.358 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75 | 32174 | 63.261 | ug/l | # | 16 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 7415 | 1.747 | ug/l | # | 54 |
| 83) tert-Butylbenzene | 11.81 | 119 | 22869 | 5.382 | ug/l | # | 55 |
| 84) 1,2,4-Trimethylbenzene | 11.81 | 105 | 189554 | 42.470 | ug/l | | 100 |
| 85) sec-Butylbenzene | 11.95 | 105 | 20199 | 3.983 | ug/l | | 82 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072518\
Data File : VX003656.D
Acq On : 25 Jul 2018 14:05
Operator : JC/SP
Sample : J4110-01ME
Misc : 6.36g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Quant Time: Jul 27 04:33:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration

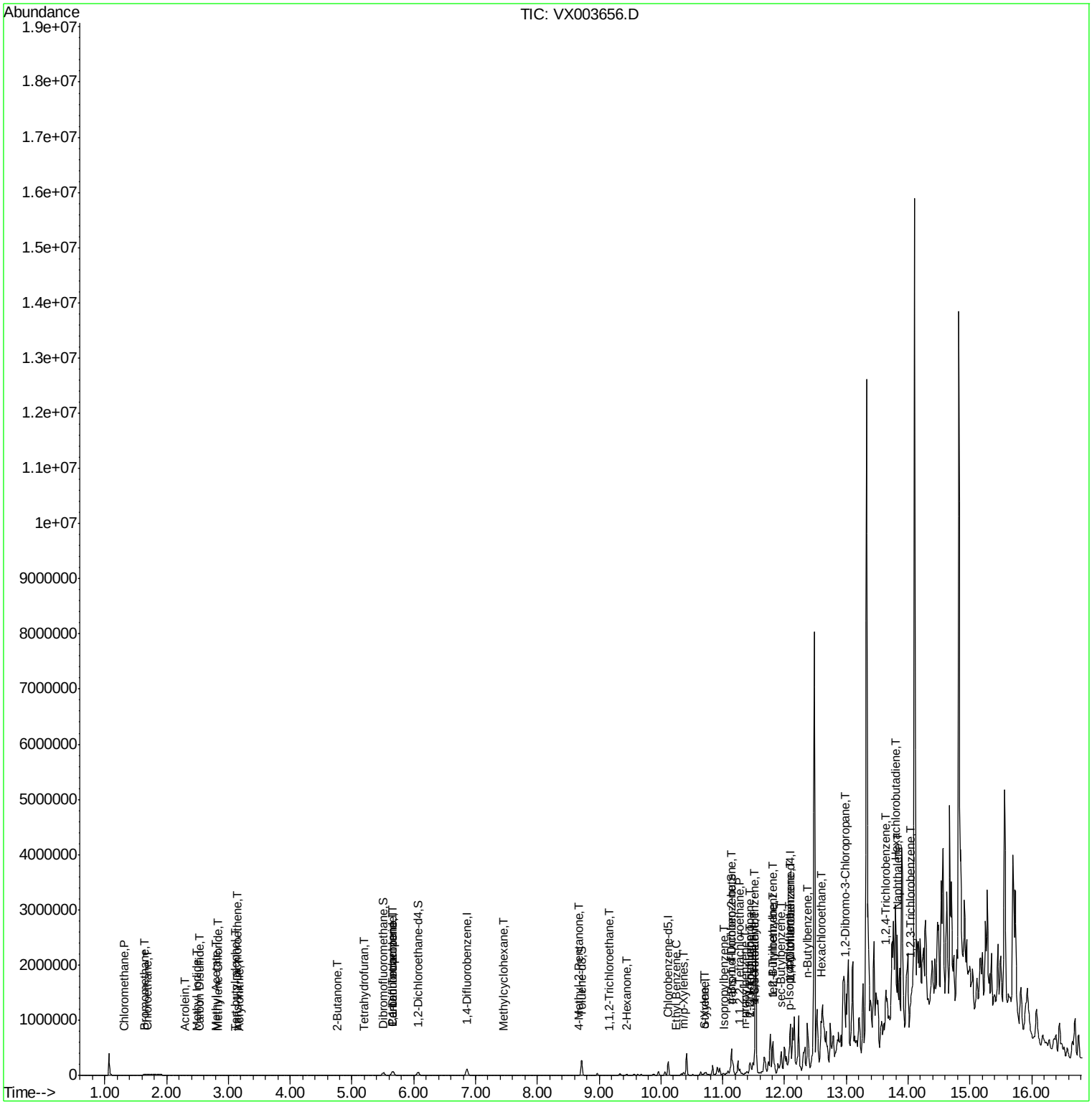
| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 86) p-Isopropyltoluene | 12.07 | 119 | 43855 | 9.634 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 834 | 0.309 | ug/l | # | 1 |
| 89) n-Butylbenzene | 12.38 | 91 | 77949 | 18.998 | ug/l | # | 7 |
| 90) Hexachloroethane | 12.59 | 117 | 24148 | 35.027 | ug/l | # | 3 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75 | 1723 | 4.367 | ug/l | # | 1 |
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 957 | 0.506 | ug/l | # | 1 |
| 94) Hexachlorobutadiene | 13.79 | 225 | 380 | 0.434 | ug/l | | 97 |
| 95) Naphthalene | 13.84 | 128 | 94288 | 16.470 | ug/l | # | 78 |
| 96) 1,2,3-Trichlorobenzene | 14.04 | 180 | 3387 | 1.762 | ug/l | # | 1 |

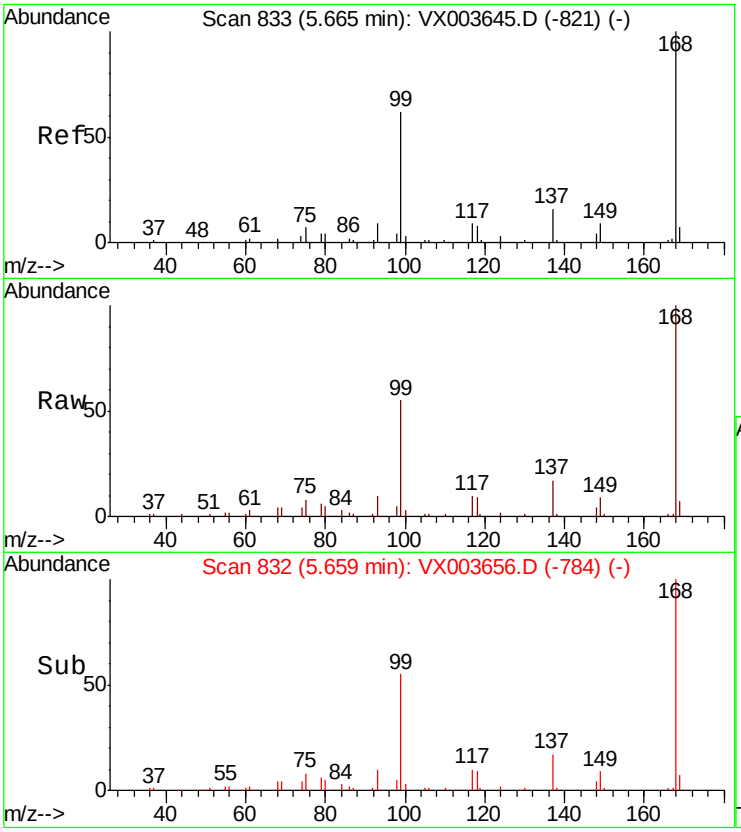
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072518\
Data File : VX003656.D
Acq On : 25 Jul 2018 14:05
Operator : JC/SP
Sample : J4110-01ME
Misc : 6.36g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Quant Time: Jul 27 04:33:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration



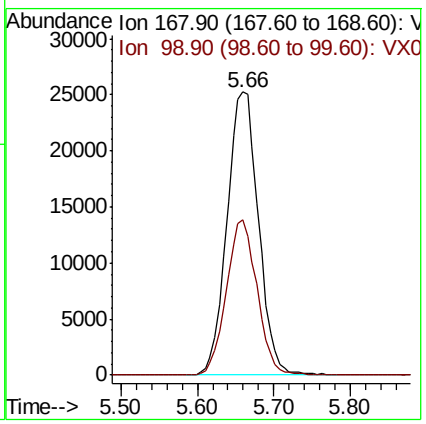


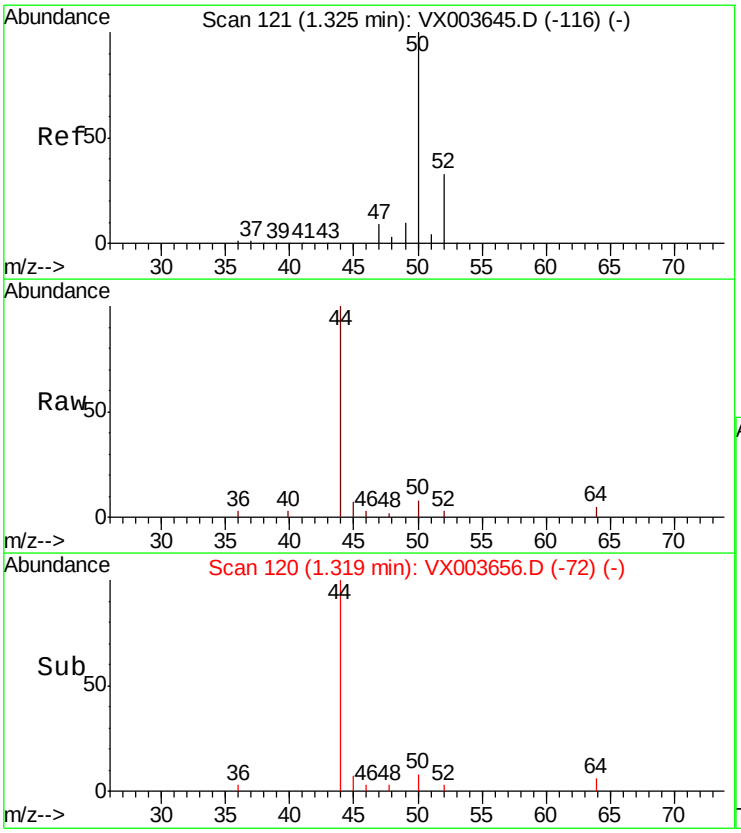

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion:168 Resp: 71914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.0 | 49.5 | 74.3 |

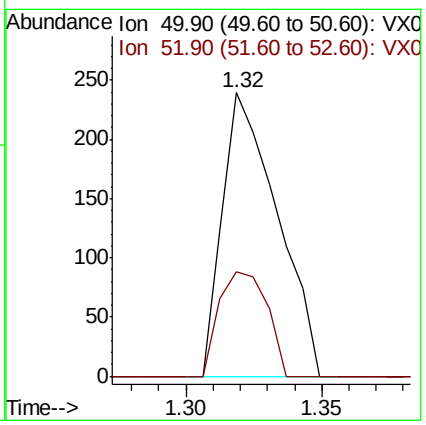


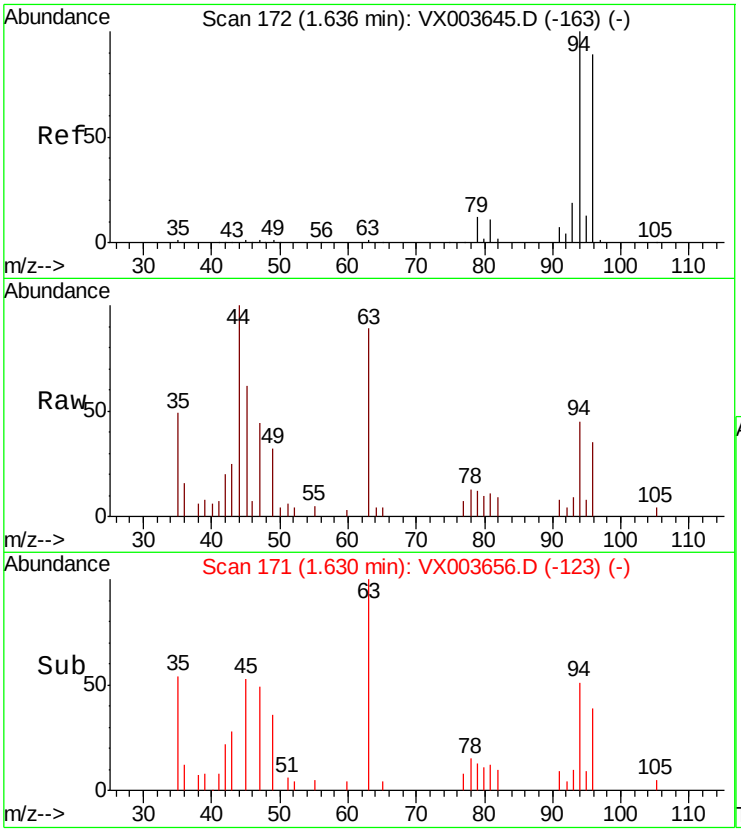




#3
Chloromethane
Concen: 0.310 ug/l
RT: 1.32 min Scan# 120
Delta R.T. -0.01 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion: 50 Resp: 334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 36.8 | 26.3 | 39.5 |



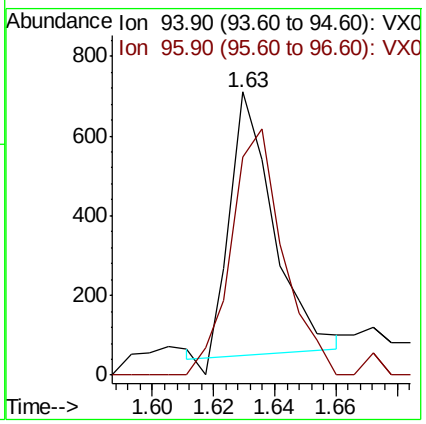


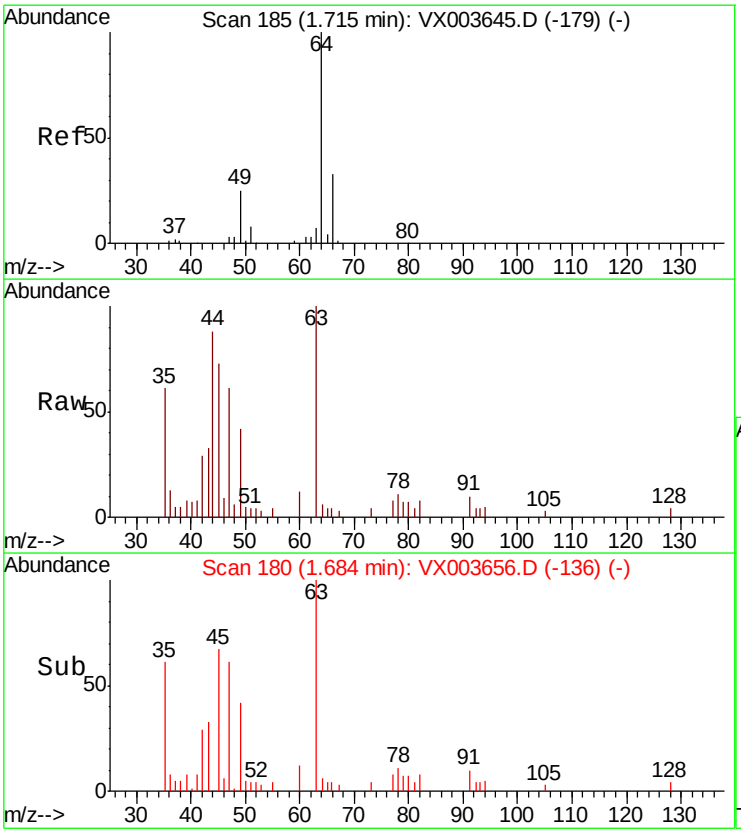

#5
Bromomethane
Concen: 1.212 ug/l
RT: 1.63 min Scan# 171
Delta R.T. -0.01 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion: 94 Resp: 646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 85.1 | 71.3 | 106.9 |

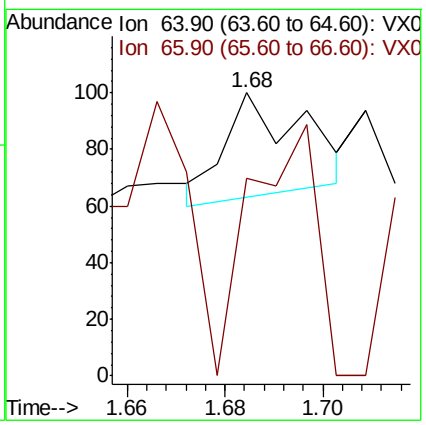


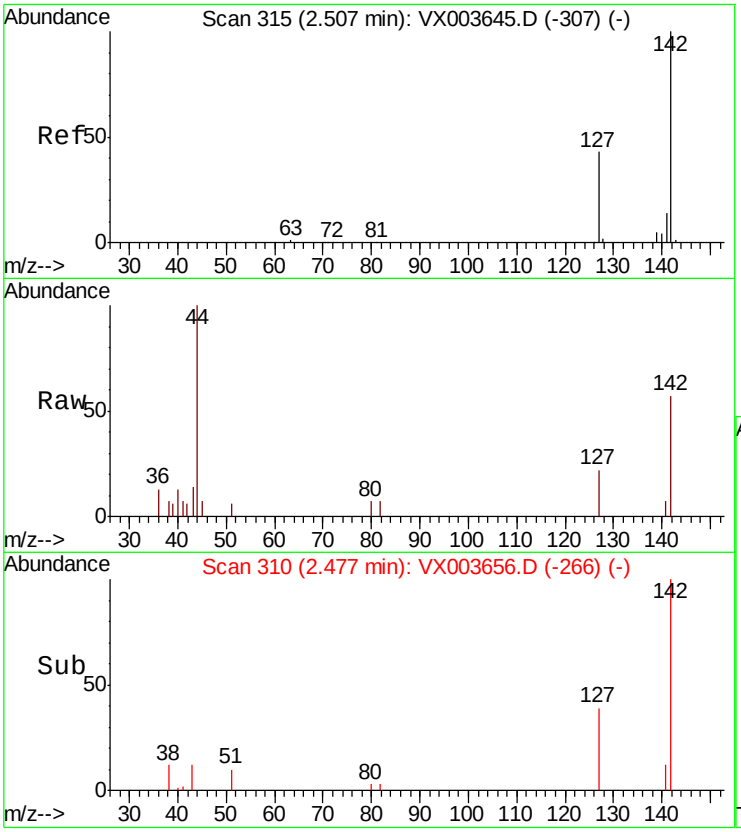




#6
Chloroethane
Concen: 2.005 ug/l
RT: 1.68 min Scan# 180
Delta R.T. -0.03 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion: 64 Resp: 40

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 218.8 | 26.3 | 39.5# |



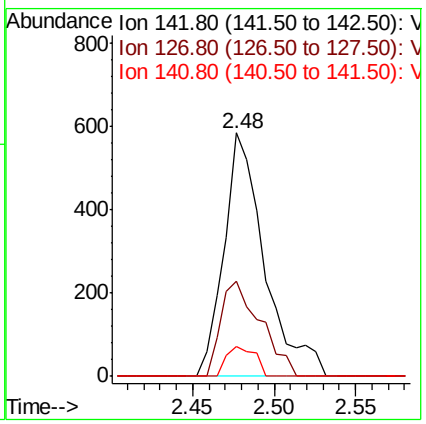


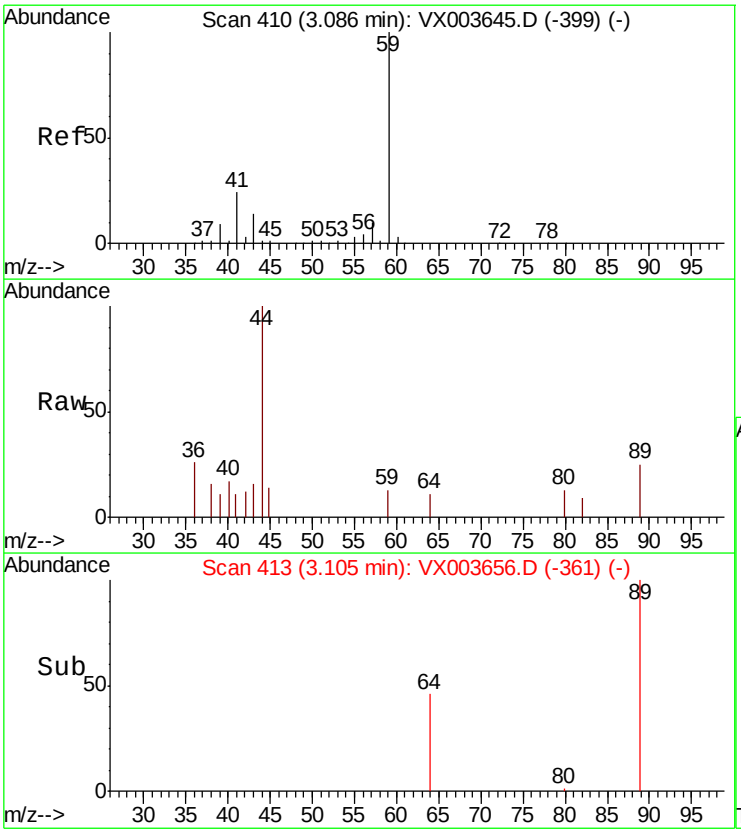

#10
Methyl Iodide
Concen: 3.975 ug/l
RT: 2.48 min Scan# 310
Delta R.T. -0.03 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion:142 Resp: 1009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 38.7 | 34.0 | 51.0 |
| 141 | 8.5 | 11.3 | 16.9# |

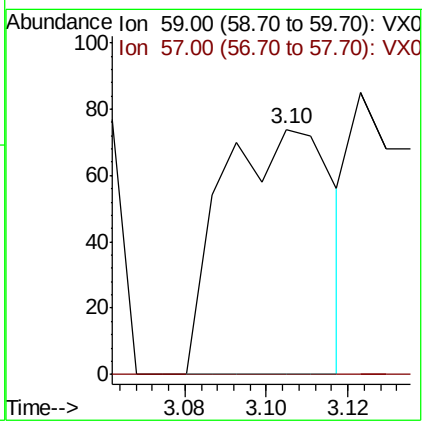


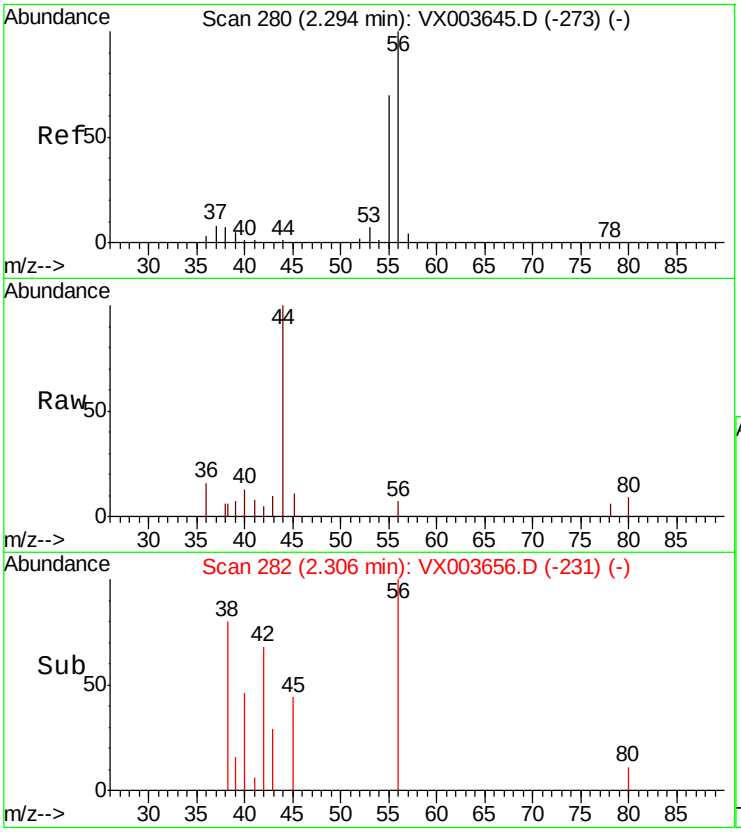




#11
Tert butyl alcohol
Concen: 0.550 ug/l
RT: 3.10 min Scan# 413
Delta R.T. 0.02 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion: 59 Resp: 140

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



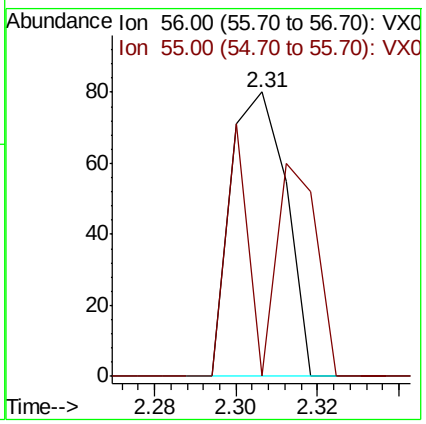


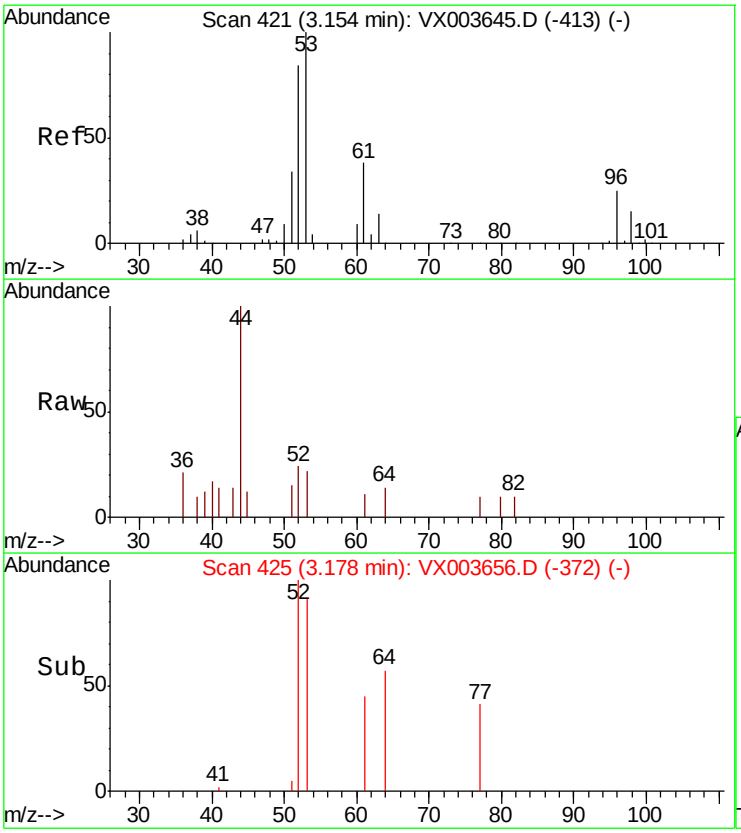

#13
Acrolein
Concen: 4.606 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion: 56 Resp: 75

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 34.7 | 55.4 | 83.2# |

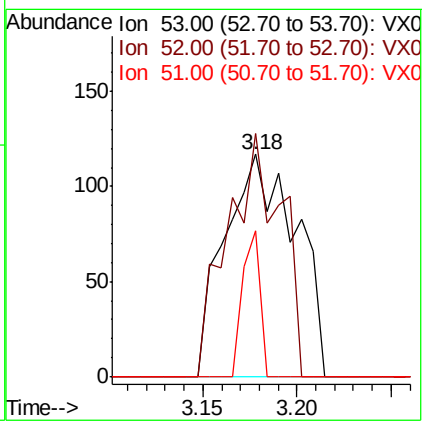


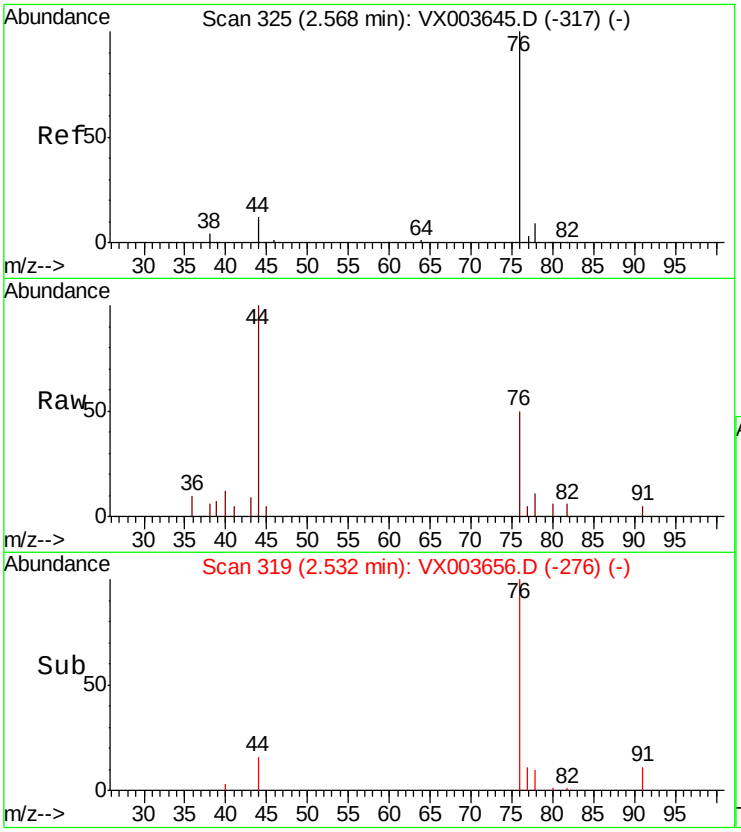




#15
Acrylonitrile
Concen: 0.499 ug/l
RT: 3.18 min Scan# 425
Delta R.T. 0.02 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion: 53 Resp: 307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 81.8 | 66.1 | 99.1 |
| 51 | 16.0 | 28.2 | 42.4# |



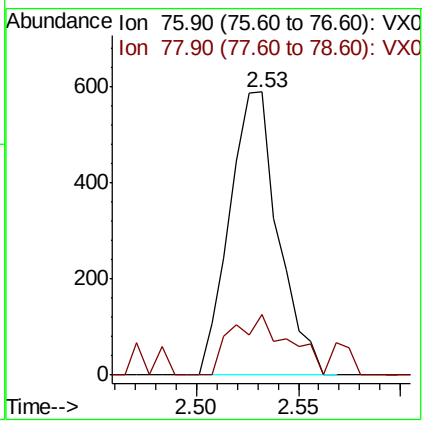


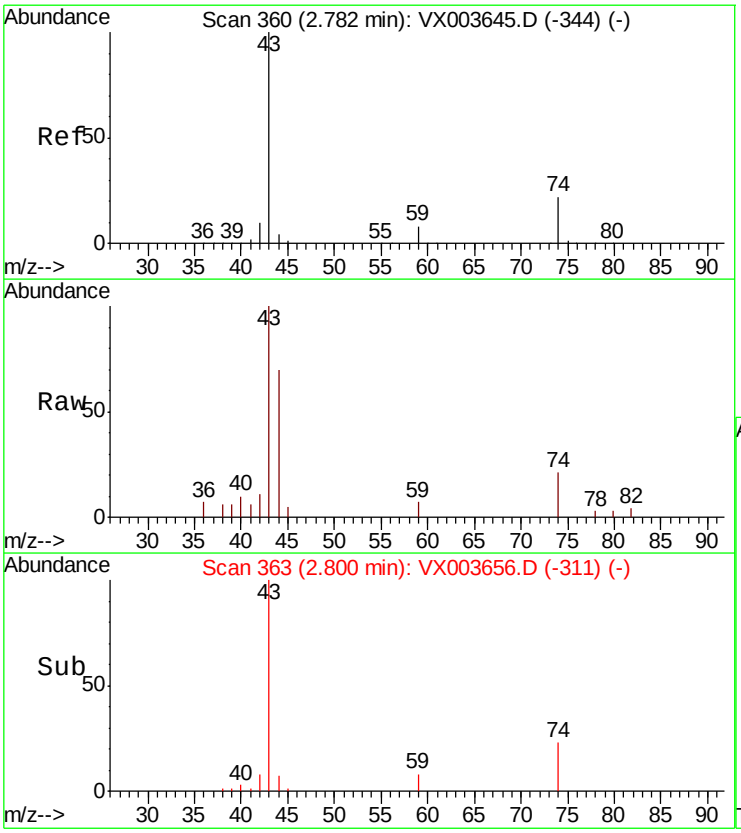

#17
Carbon Disulfide
Concen: 0.409 ug/l
RT: 2.53 min Scan# 319
Delta R.T. -0.04 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion: 76 Resp: 979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 21.3 | 7.4 | 11.0# |

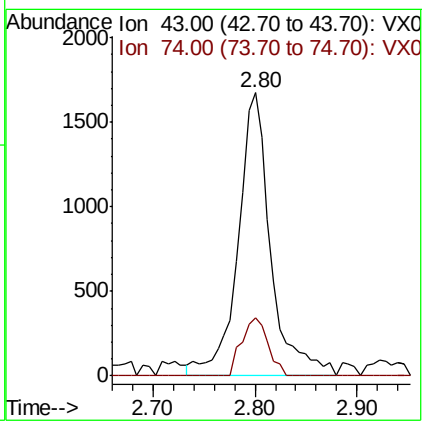


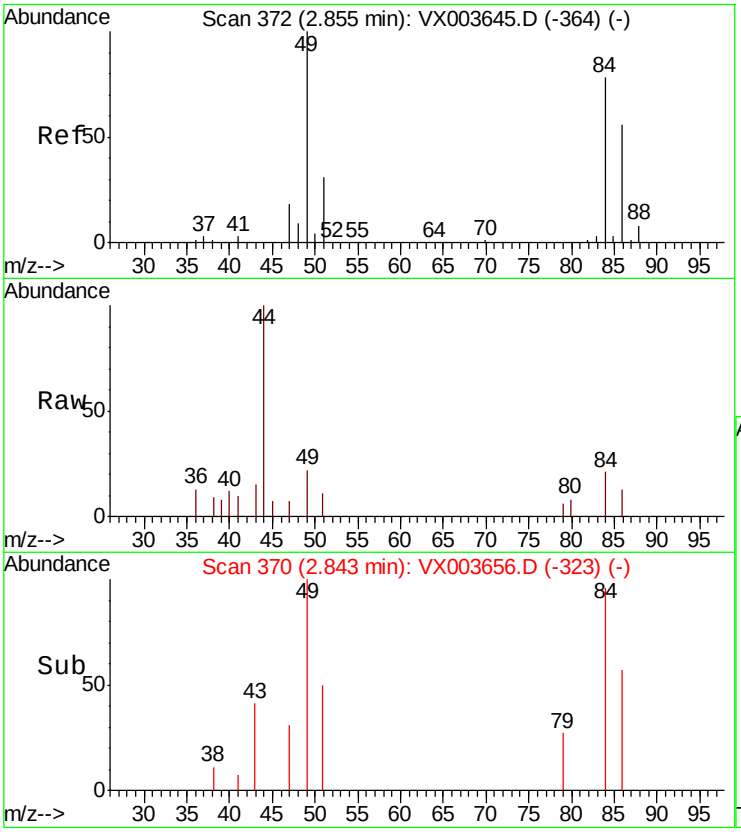




#18
Methyl Acetate
Concen: 2.471 ug/l
RT: 2.80 min Scan# 363
Delta R.T. 0.02 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion: 43 Resp: 3735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 16.5 | 17.8 | 26.8# |



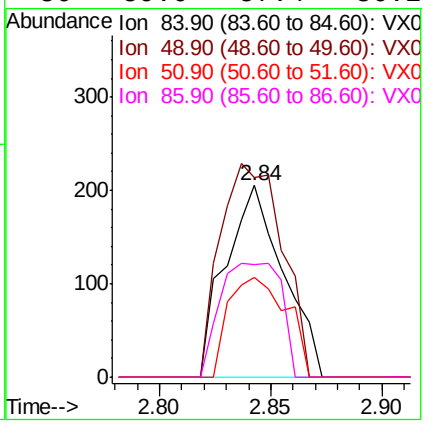


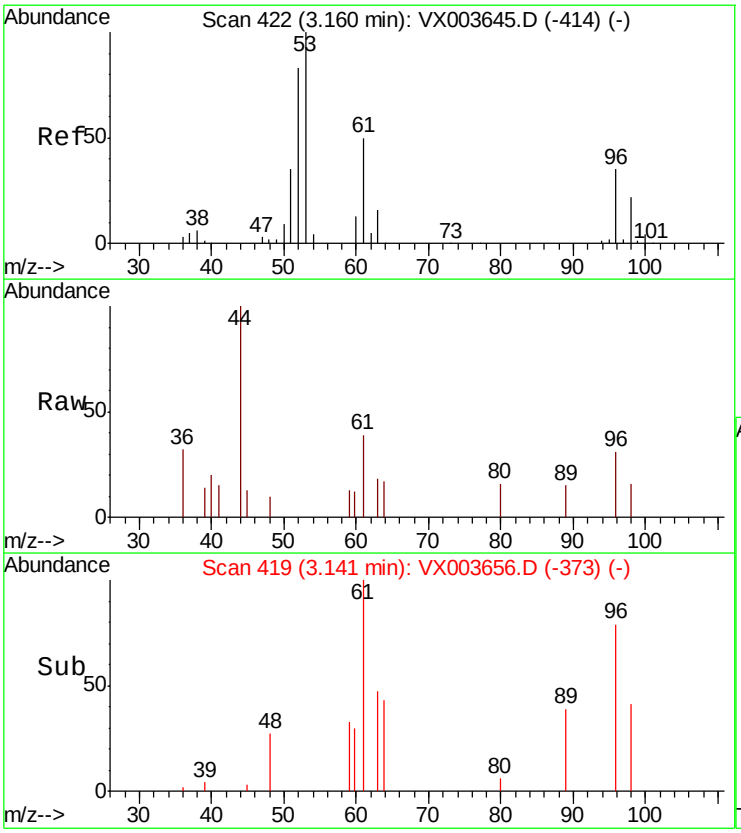

#20
Methylene Chloride
Concen: 0.372 ug/l
RT: 2.84 min Scan# 370
Delta R.T. -0.01 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion: 84 Resp: 369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 104.4 | 102.3 | 153.5 |
| 51 | 52.2 | 31.8 | 47.8# |
| 86 | 59.0 | 57.4 | 86.2 |

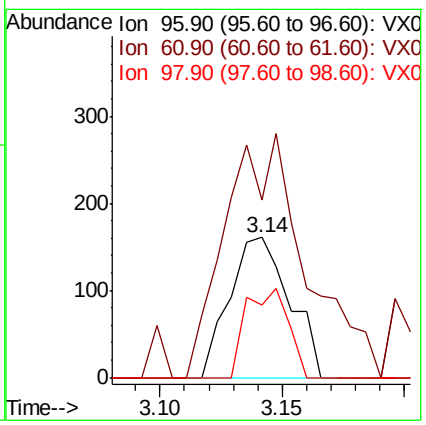


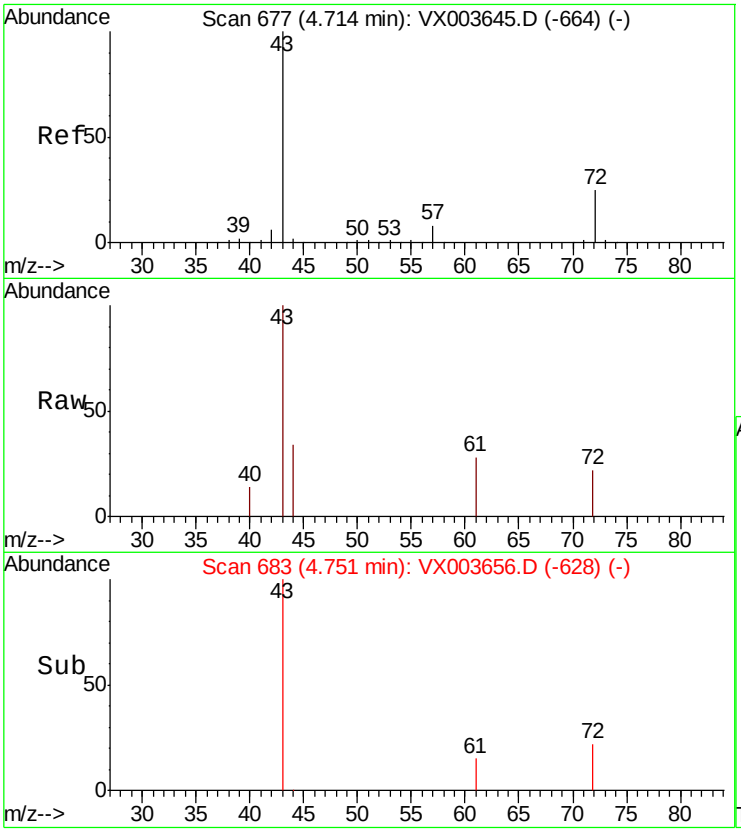




#21
trans-1,2-Dichloroethene
Concen: 0.307 ug/l
RT: 3.14 min Scan# 419
Delta R.T. -0.02 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion: 96 Resp: 275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 126.7 | 115.0 | 172.4 |
| 98 | 51.6 | 49.7 | 74.5 |



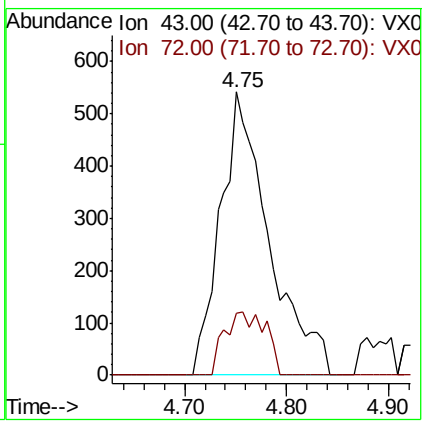


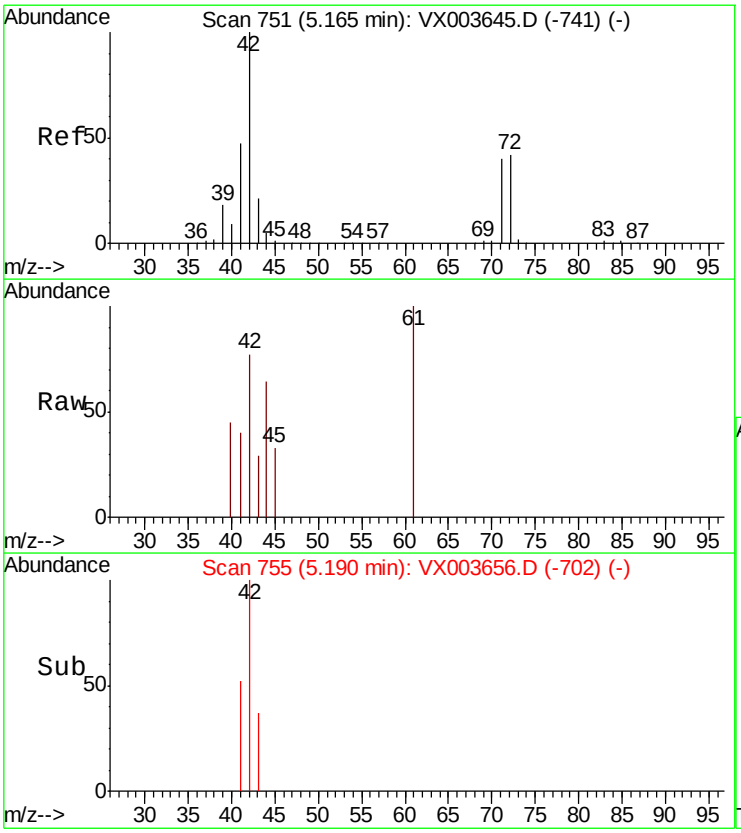

#25
2-Butanone
Concen: 2.327 ug/l
RT: 4.75 min Scan# 683
Delta R.T. 0.04 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion: 43 Resp: 1799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 22.0 | 20.2 | 30.4 |

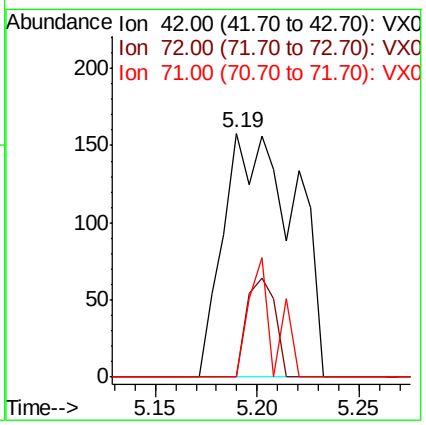


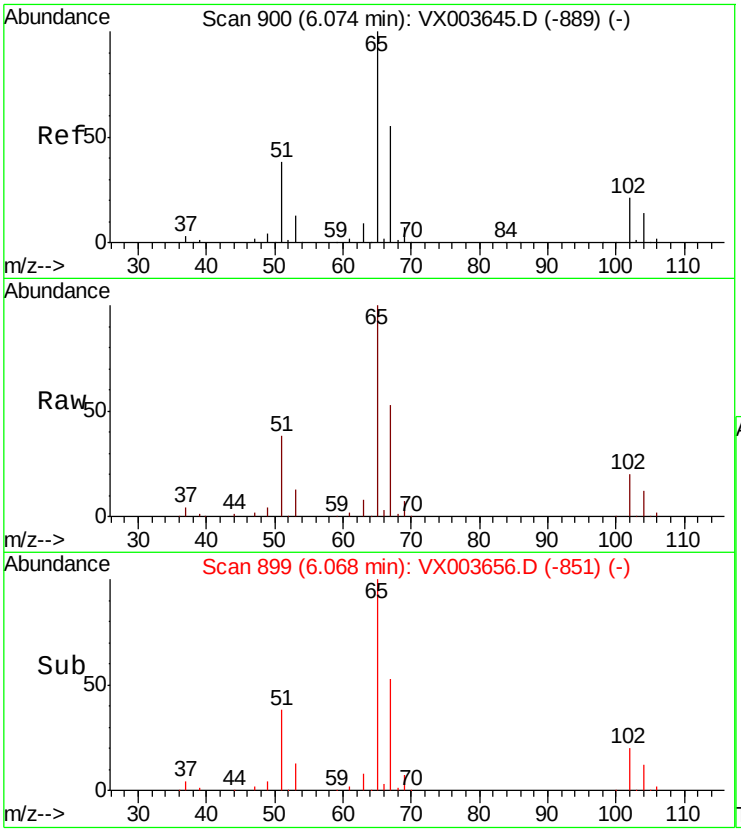




#29
Tetrahydrofuran
Concen: 0.765 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion: 42 Resp: 385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 16.1 | 33.4 | 50.0# |
| 71 | 16.9 | 31.0 | 46.6# |



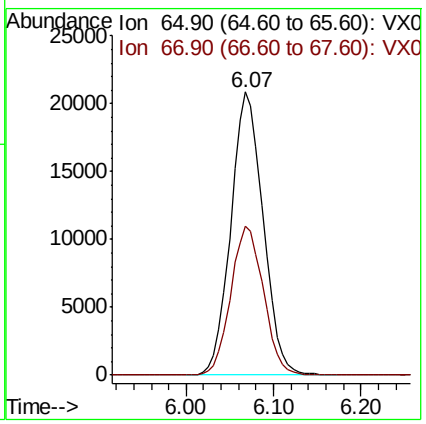


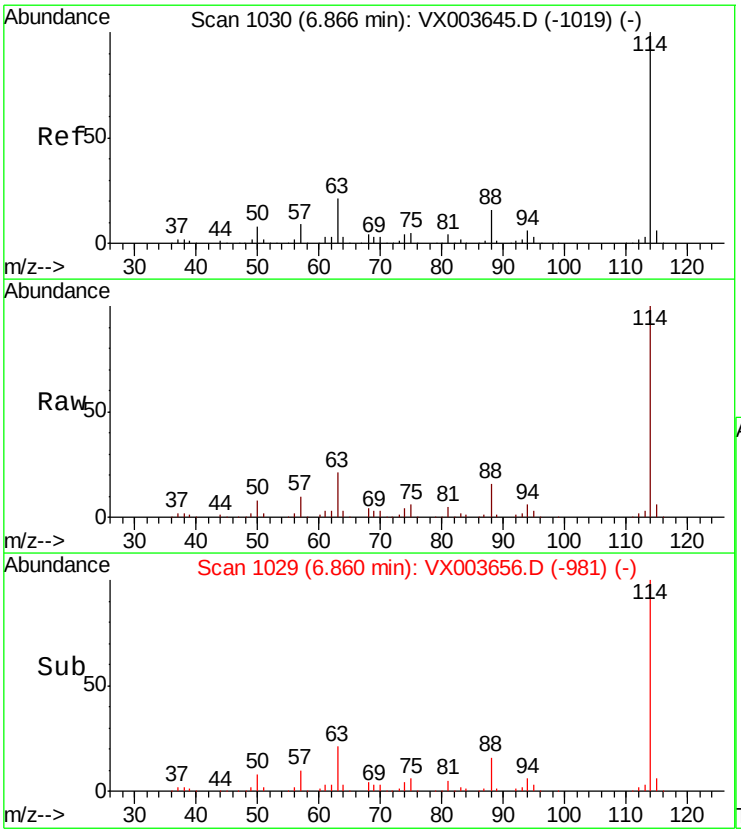

#33
1,2-Dichloroethane-d4
Concen: 50.241 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.01 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion: 65 Resp: 53519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.1 | 0.0 | 107.8 |

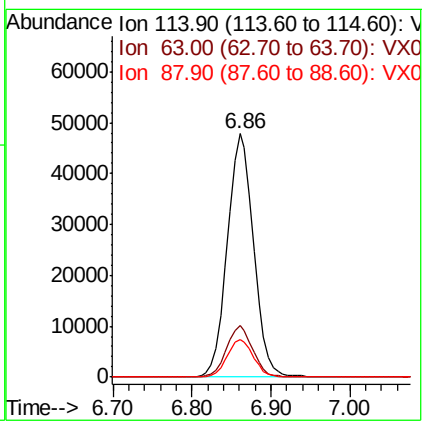


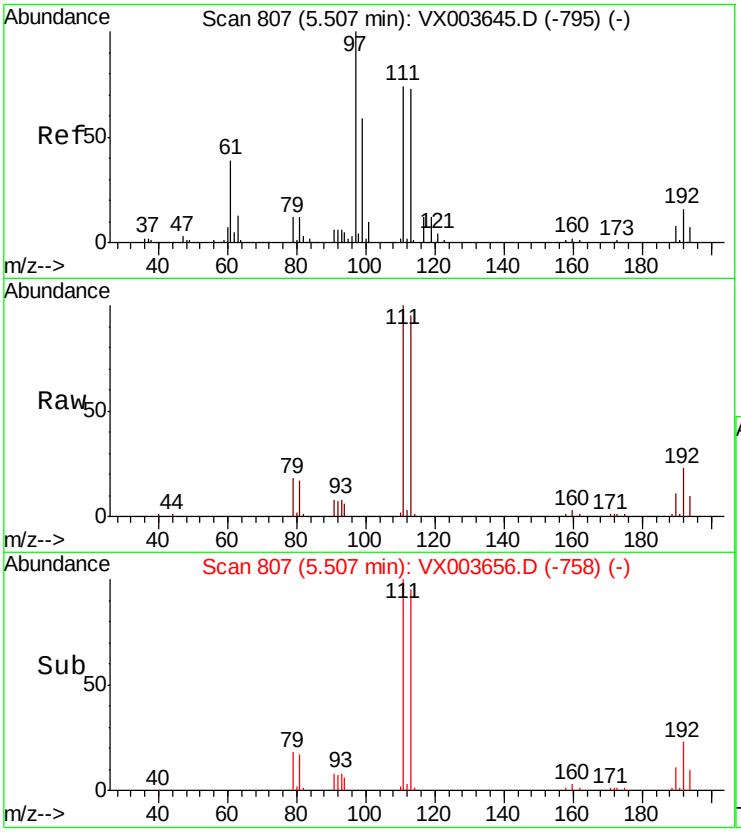




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion:114 Resp: 110774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.2 | 0.0 | 41.0 |
| 88 | 15.7 | 0.0 | 31.8 |



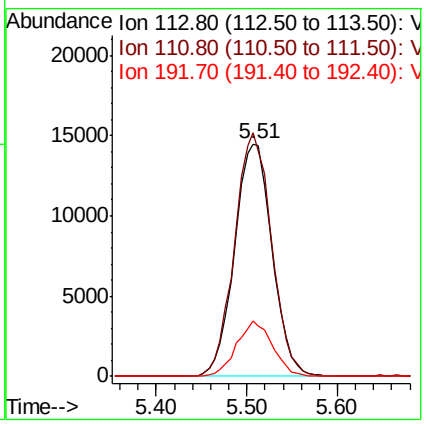


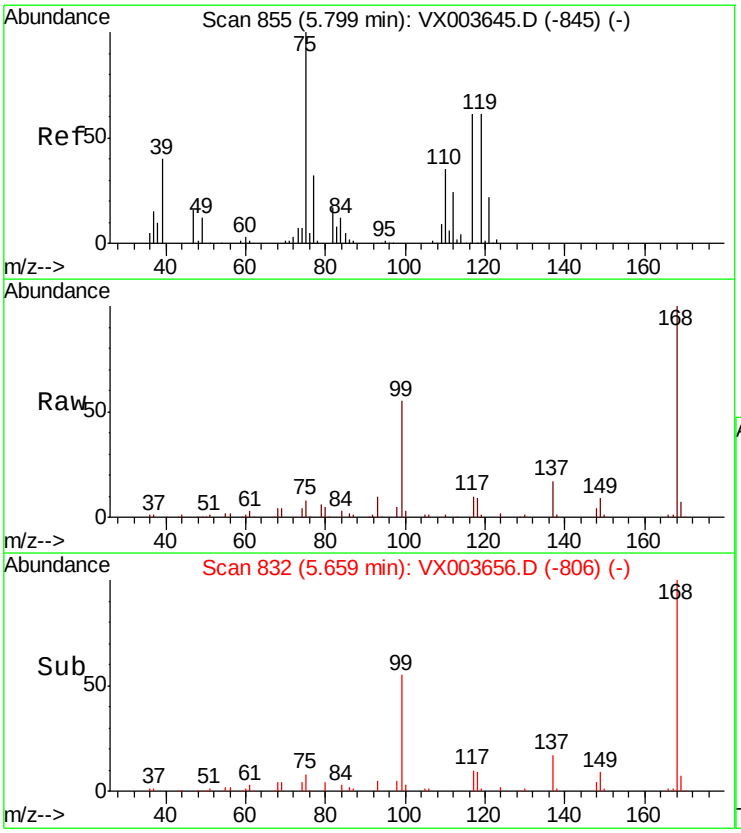

#35
Dibromofluoromethane
Concen: 45.977 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion:113 Resp: 41635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.0 | 81.2 | 121.8 |
| 192 | 22.8 | 18.2 | 27.4 |

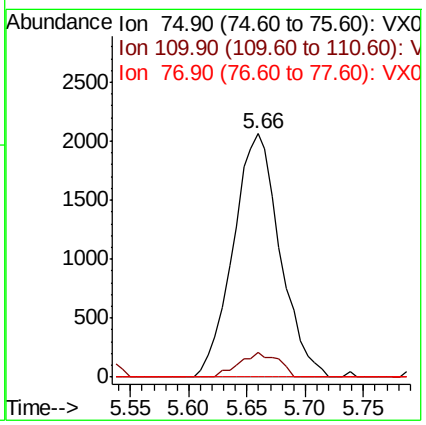


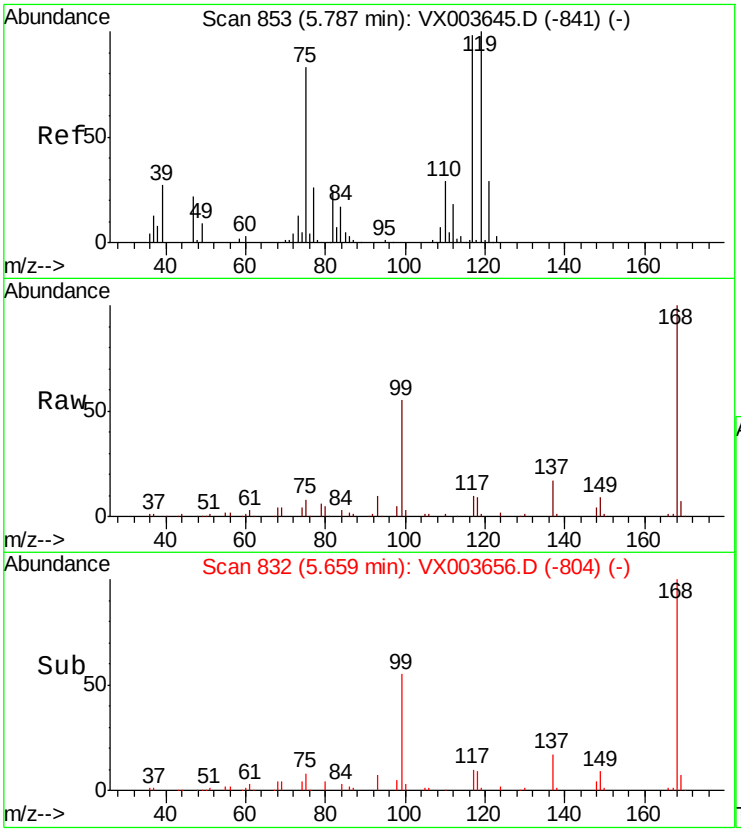




#36
1,1-Dichloropropene
Concen: 4.446 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.14 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion: 75 Resp: 5757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 8.3 | 18.1 | 54.1# |
| 77 | 0.0 | 25.1 | 37.7# |



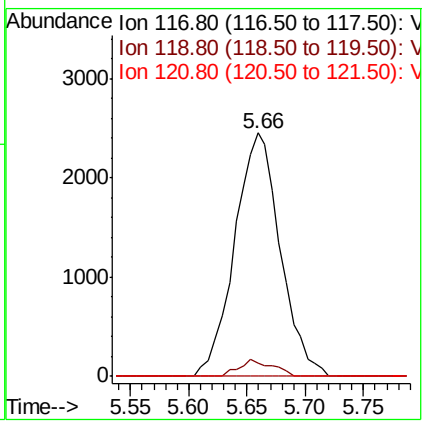


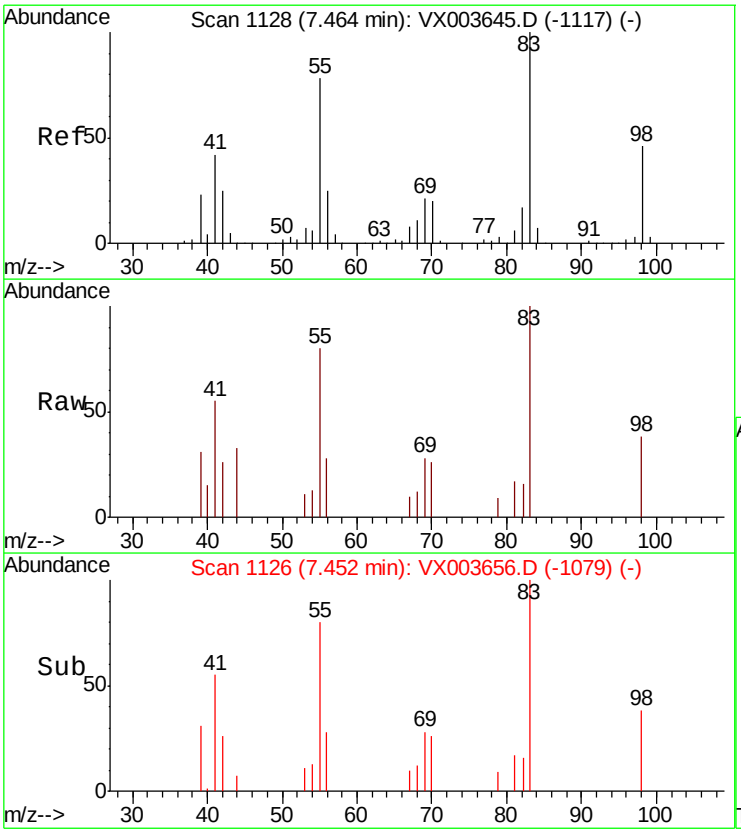

#38
Carbon Tetrachloride
Concen: 5.329 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.13 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion:117 Resp: 6650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.7 | 81.0 | 121.4# |
| 121 | 0.0 | 23.7 | 35.5# |

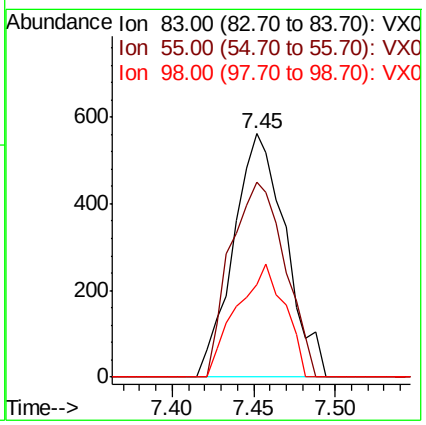


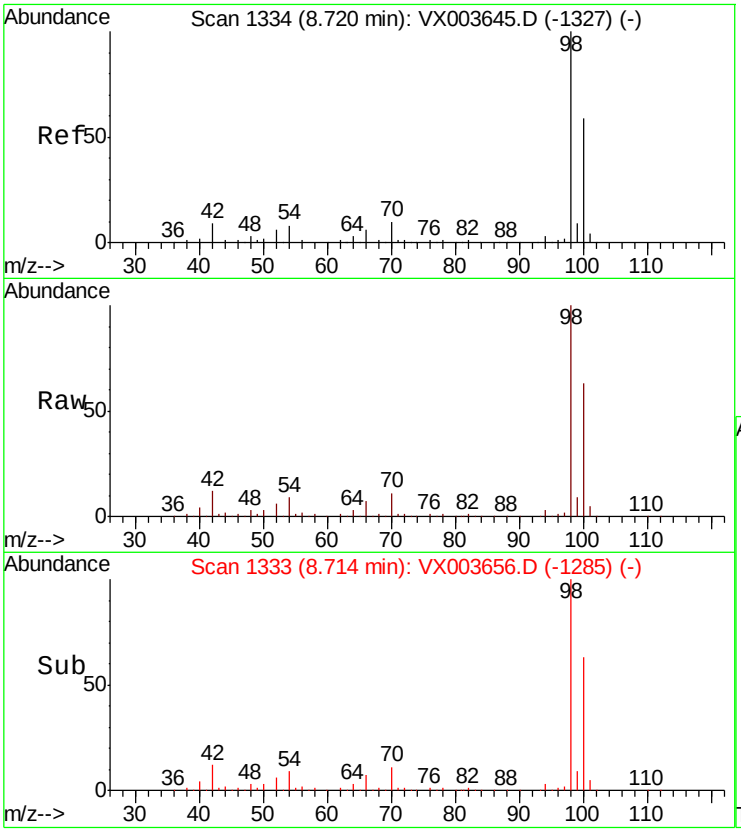




#39
Methylcyclohexane
Concen: 0.878 ug/l
RT: 7.45 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion: 83 Resp: 1251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 80.2 | 62.6 | 93.8 |
| 98 | 38.1 | 36.6 | 55.0 |



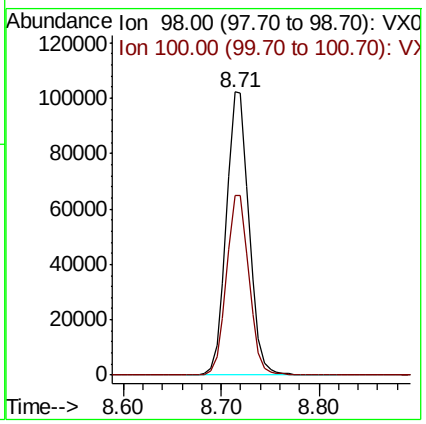


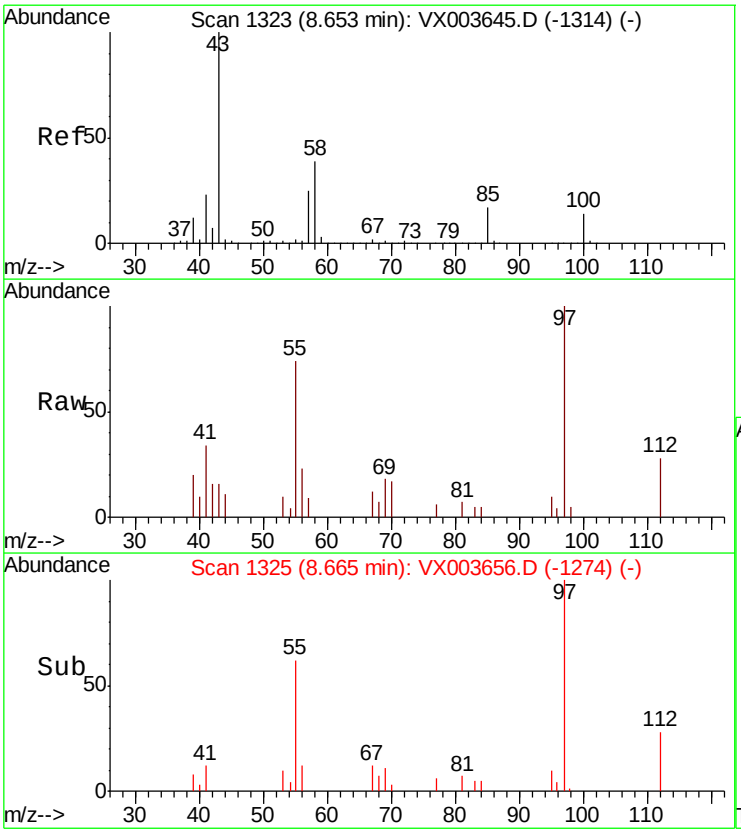

#50
Toluene-d8
Concen: 47.250 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion: 98 Resp: 163295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.8 | 50.9 | 76.3 |

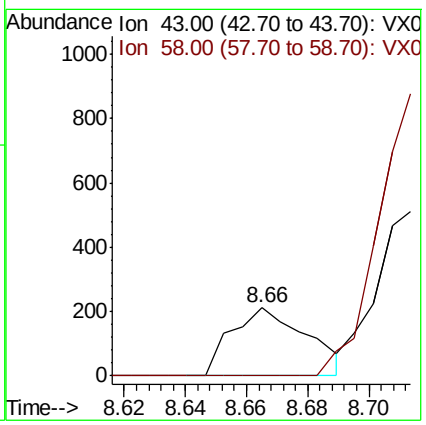


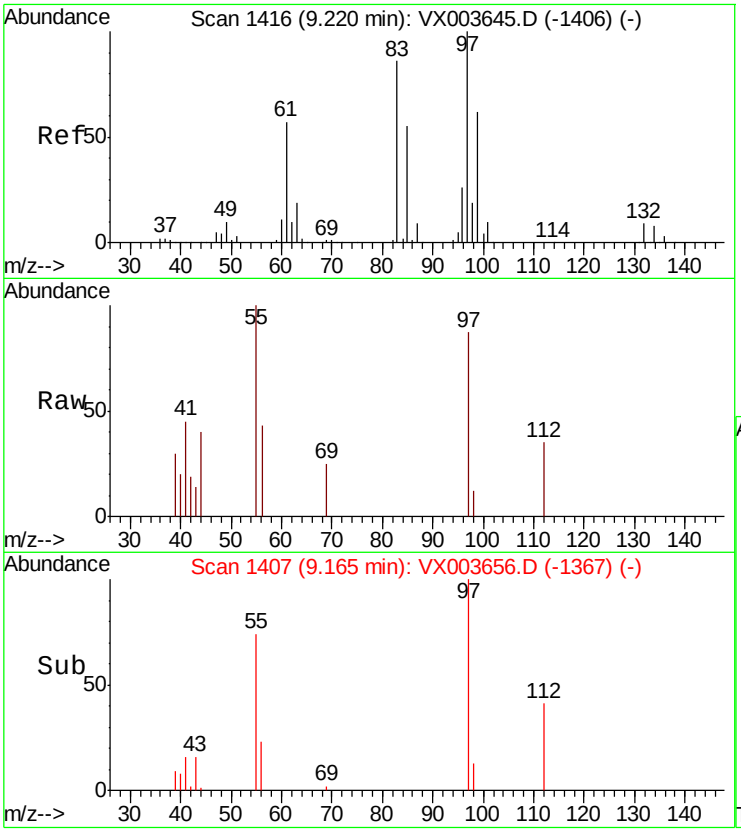




#51
4-Methyl-2-Pentanone
Concen: 0.237 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion: 43 Resp: 363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 31.5 | 47.3# |



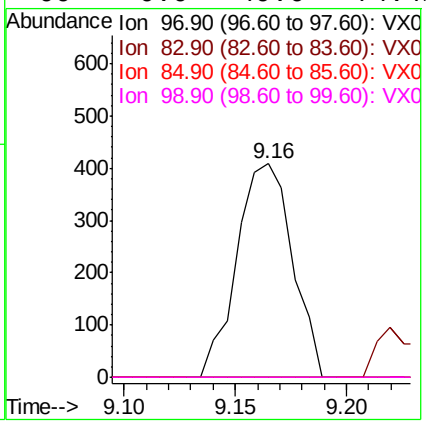


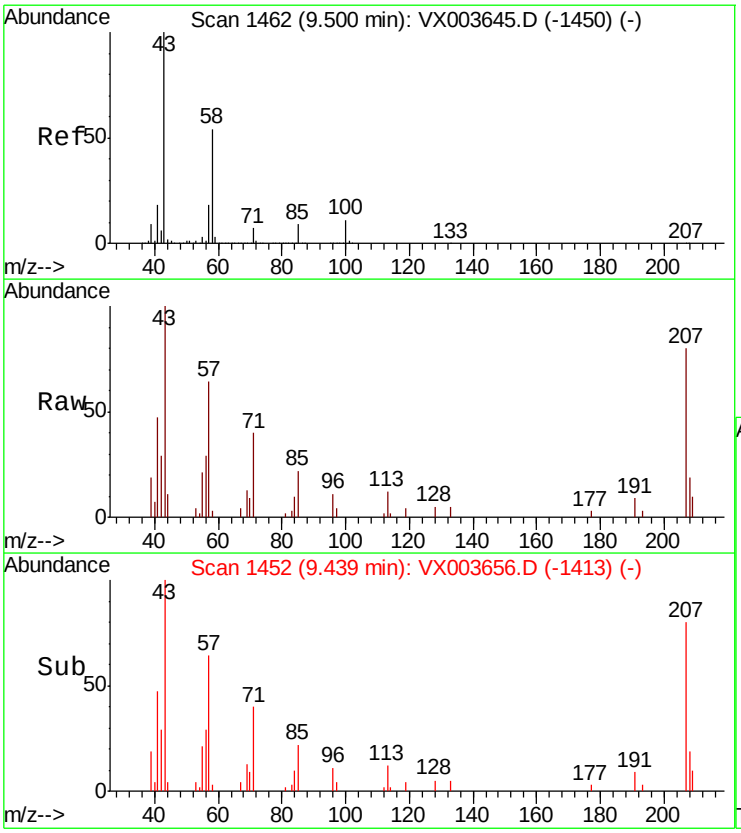

#55
1,1,2-Trichloroethane
Concen: 0.729 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.05 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion: 97 Resp: 710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 0.0 | 68.7 | 103.1# |
| 85 | 0.0 | 43.7 | 65.5# |
| 99 | 0.0 | 49.6 | 74.4# |

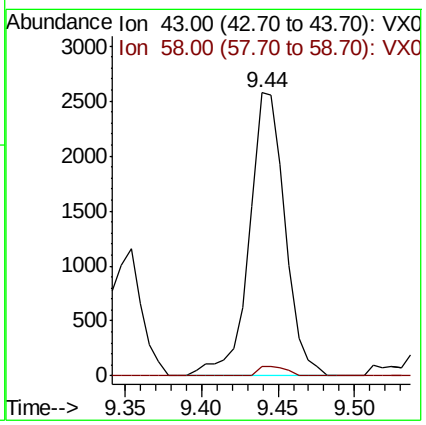


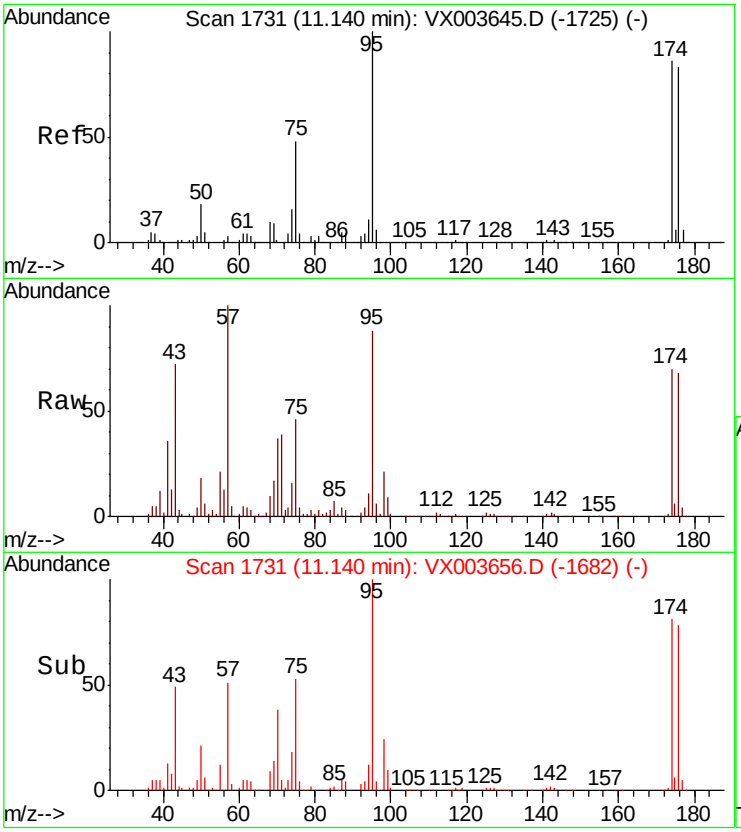




#59
2-Hexanone
Concen: 3.567 ug/l
RT: 9.44 min Scan# 1452
Delta R.T. -0.06 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion: 43 Resp: 4193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 2.7 | 27.3 | 81.9# |



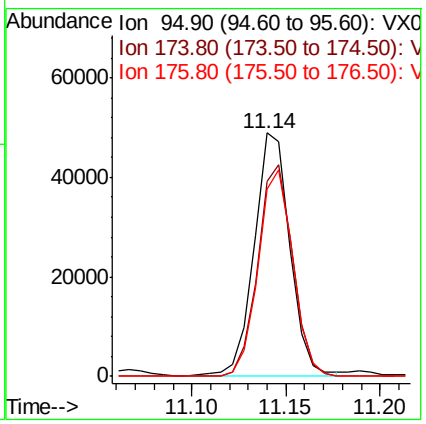


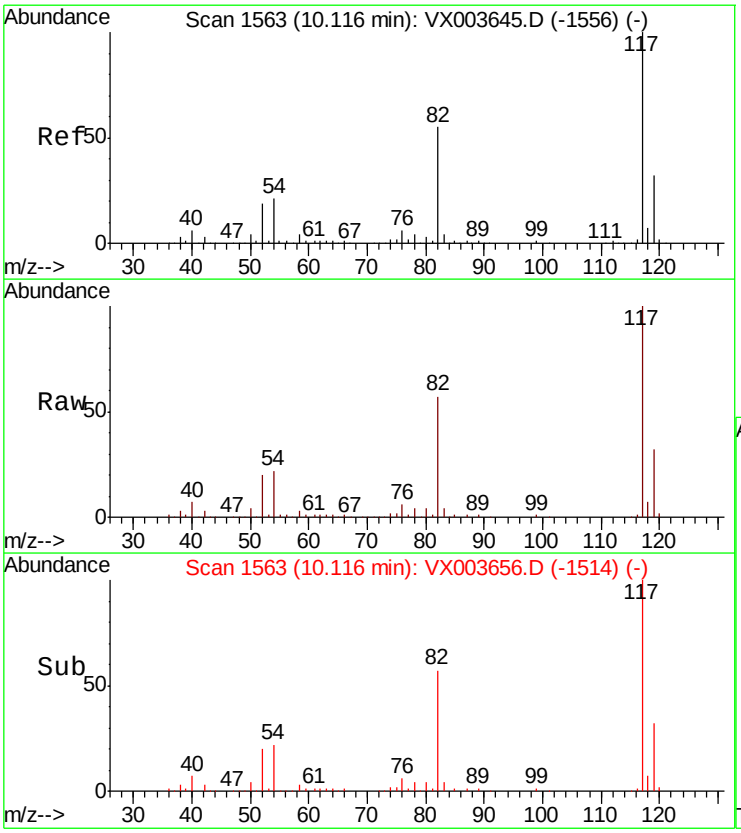

#62
4-Bromofluorobenzene
Concen: 50.575 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion: 95 Resp: 63751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 85.7 | 0.0 | 179.0 |
| 176 | 83.2 | 0.0 | 173.0 |

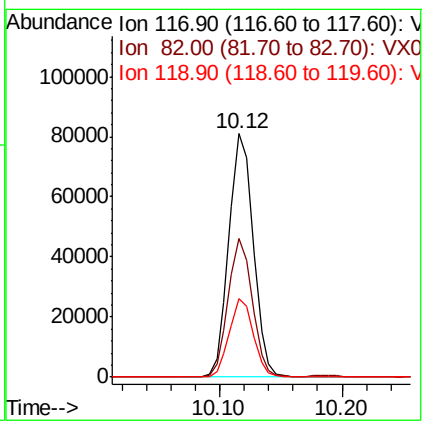


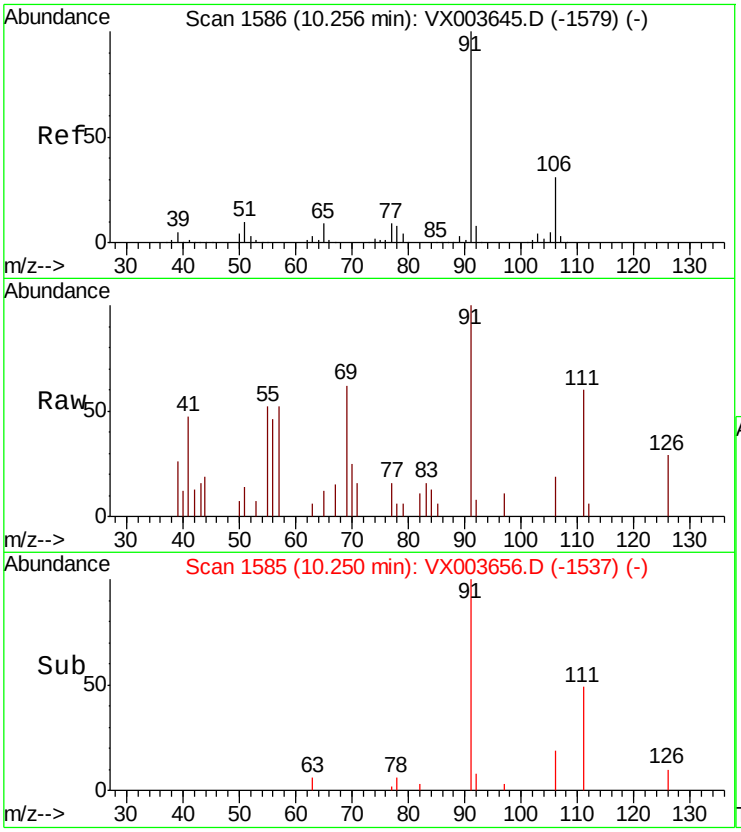




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion:117 Resp: 111652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.7 | 44.3 | 66.5 |
| 119 | 32.0 | 25.6 | 38.4 |



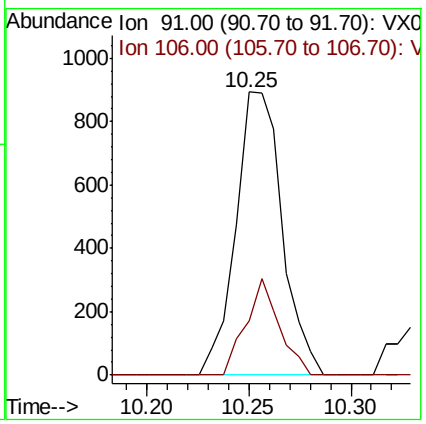


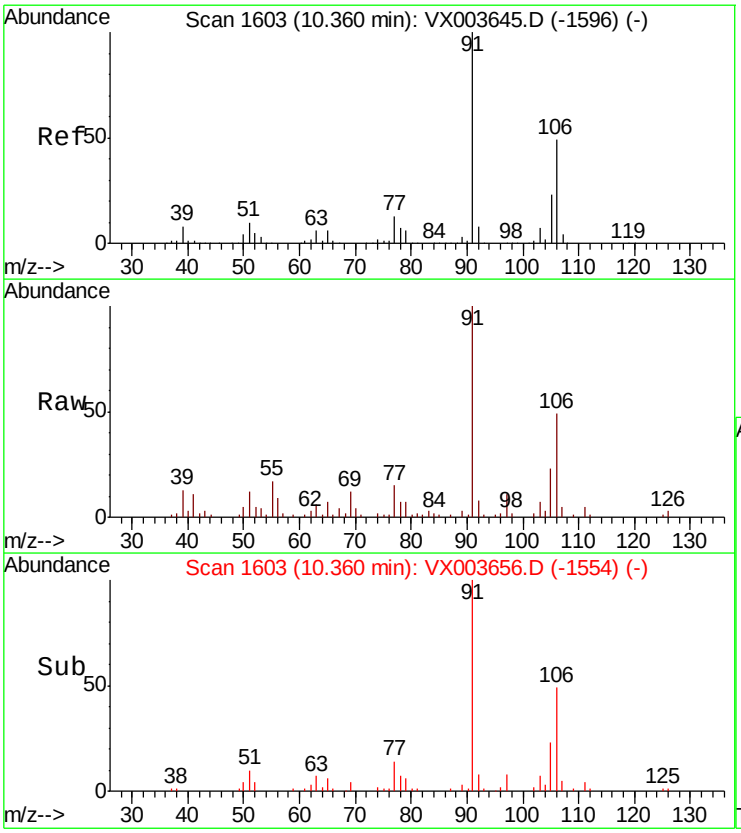

#67
Ethyl Benzene
Concen: 0.300 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion: 91 Resp: 1411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 19.4 | 25.0 | 37.6# |

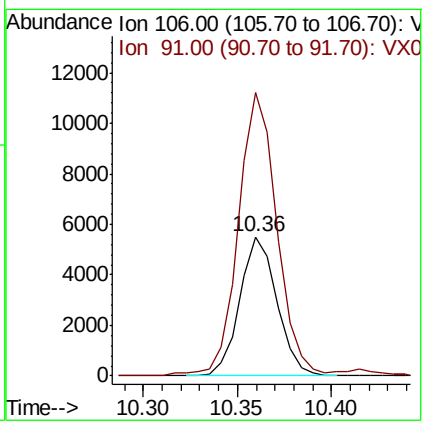


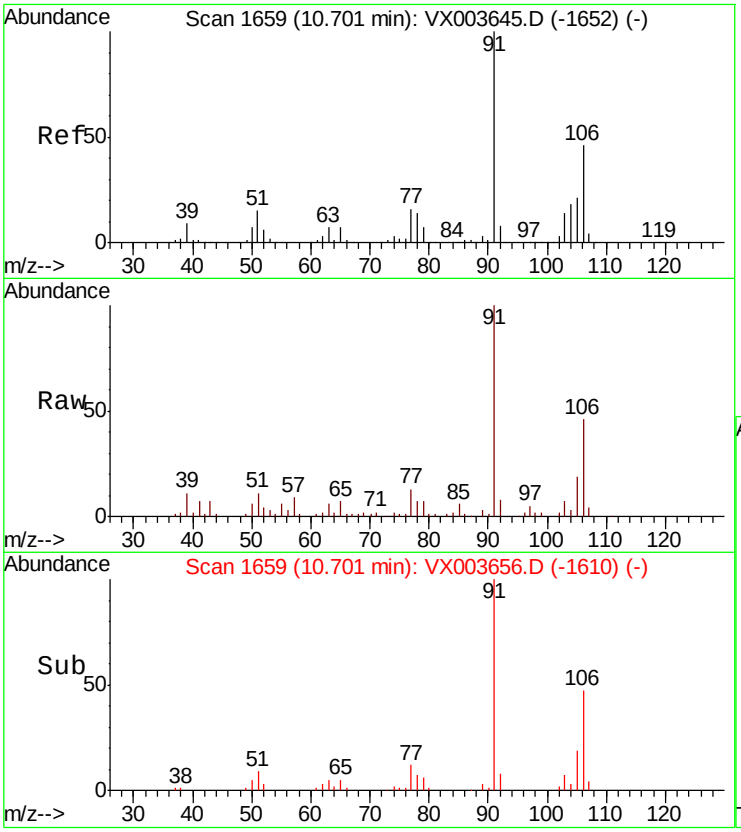




#68
m/p-Xylenes
Concen: 4.169 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion:106 Resp: 7523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 210.5 | 162.2 | 243.2 |



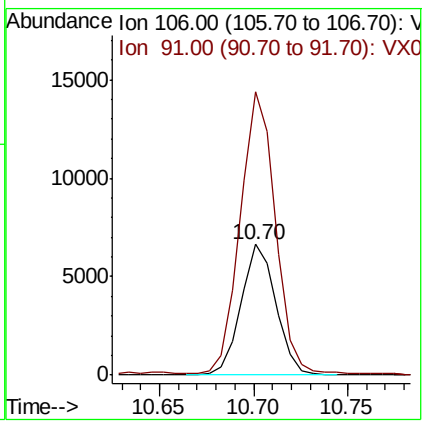


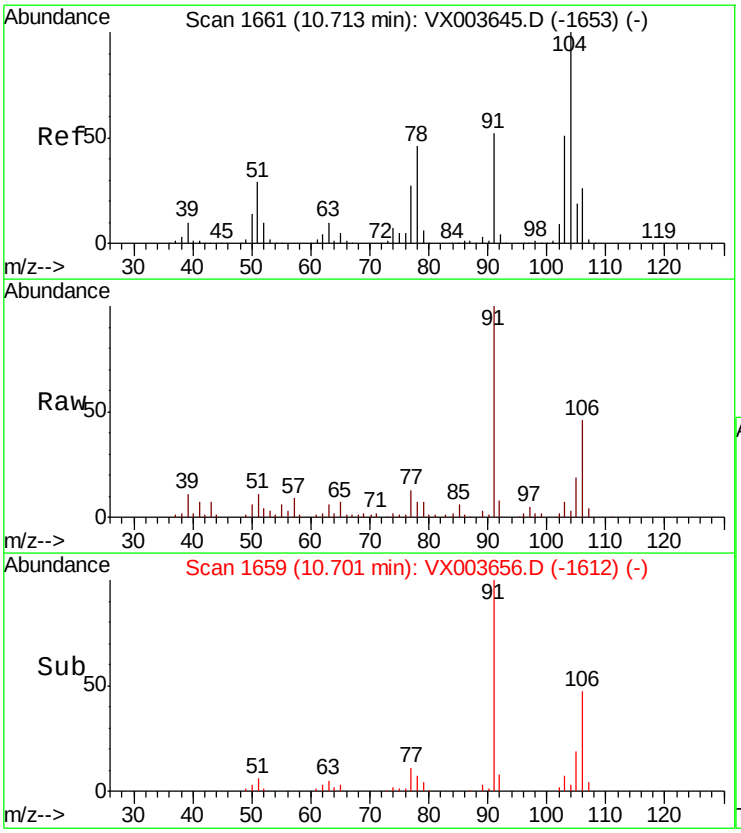

#69
o-Xylene
Concen: 4.893 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion:106 Resp: 8500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 222.2 | 107.1 | 321.1 |

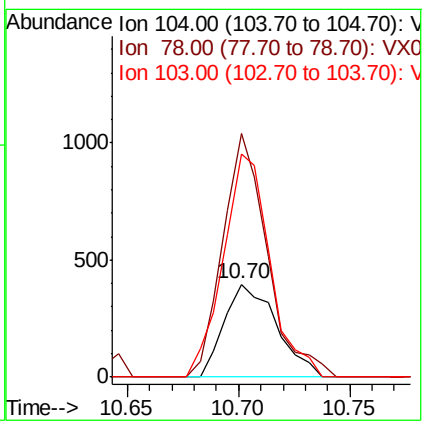


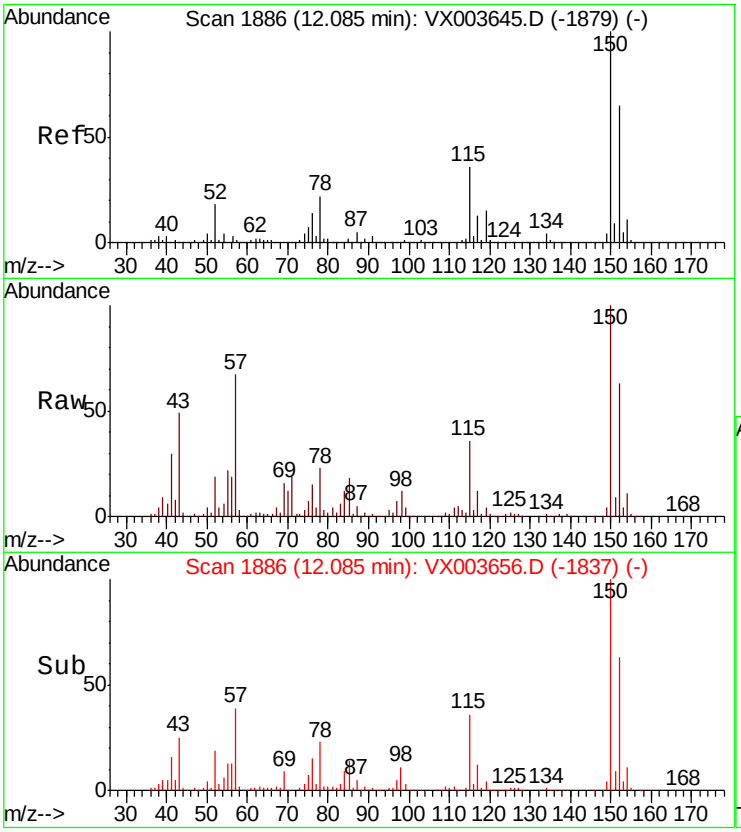




#70
Styrene
Concen: 0.223 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion:104 Resp: 650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 222.8 | 39.2 | 58.8# |
| 103 | 214.3 | 44.2 | 66.4# |



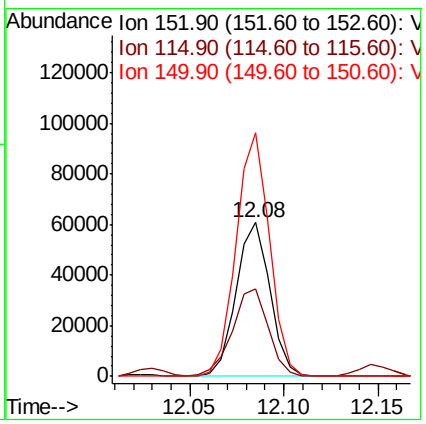


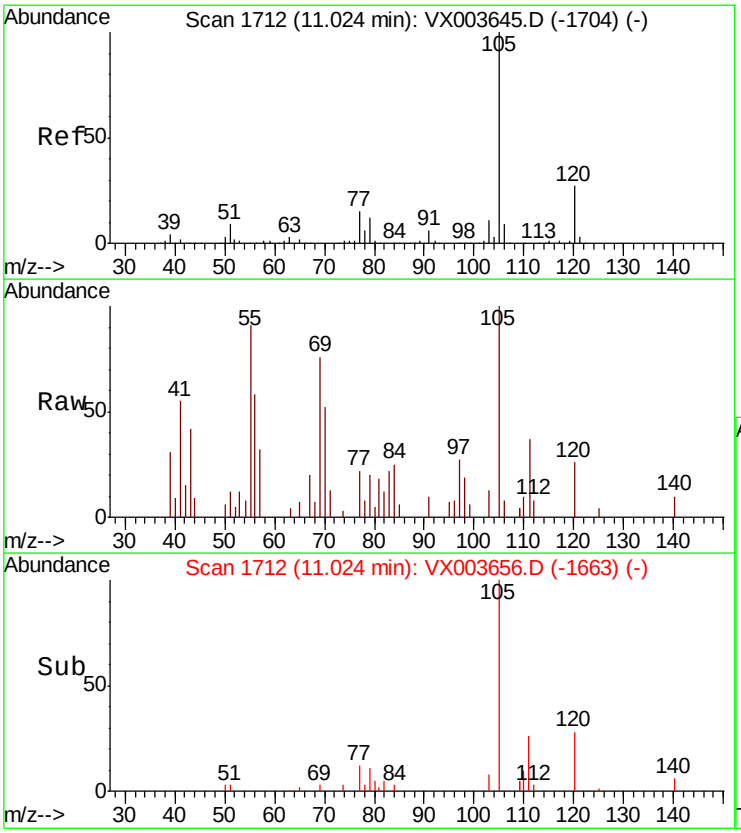

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion:152 Resp: 75127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.9 | 40.0 | 119.9 |
| 150 | 157.2 | 0.0 | 348.4 |

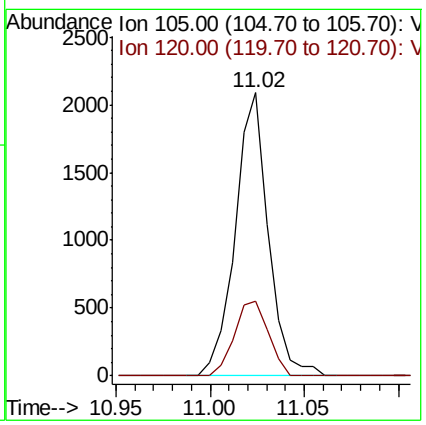


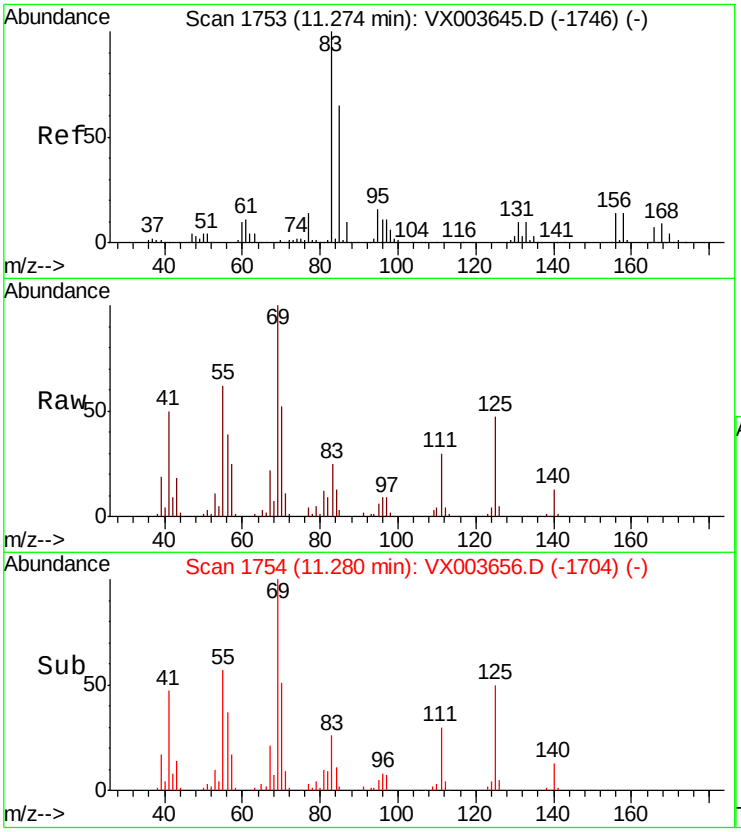




#73
Isopropylbenzene
Concen: 0.495 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion:105 Resp: 2539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.2 | 13.5 | 40.5 |



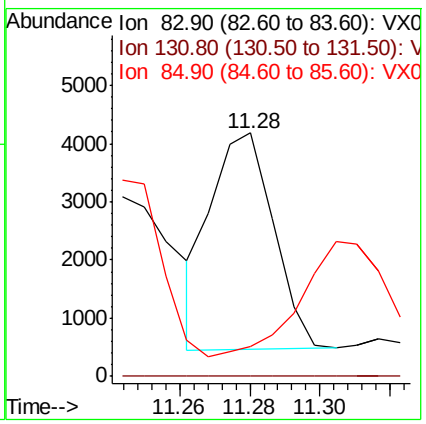


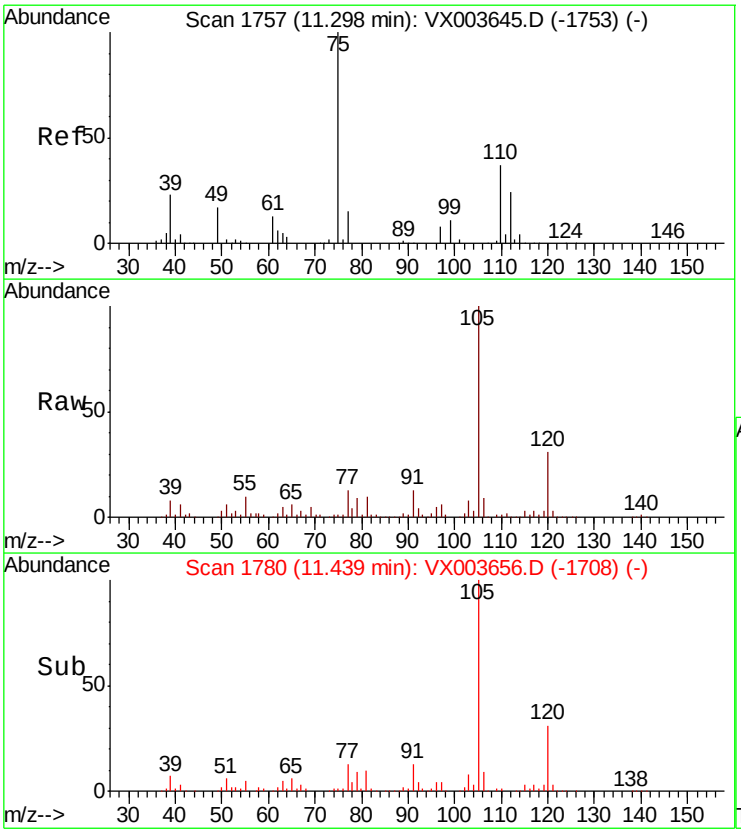

#75
1,1,2,2-Tetrachloroethane
Concen: 2.437 ug/l
RT: 11.28 min Scan# 1754
Delta R.T. 0.01 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion: 83 Resp: 4620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 0.0 | 5.1 | 15.4# |
| 85 | 0.0 | 31.9 | 95.9# |

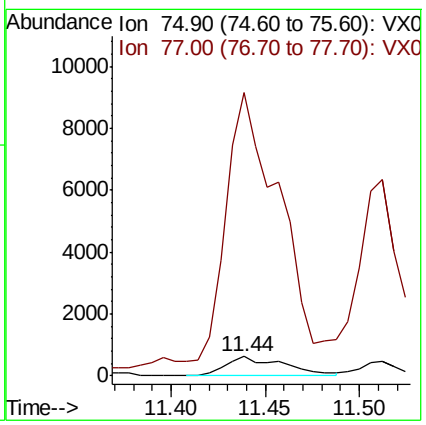


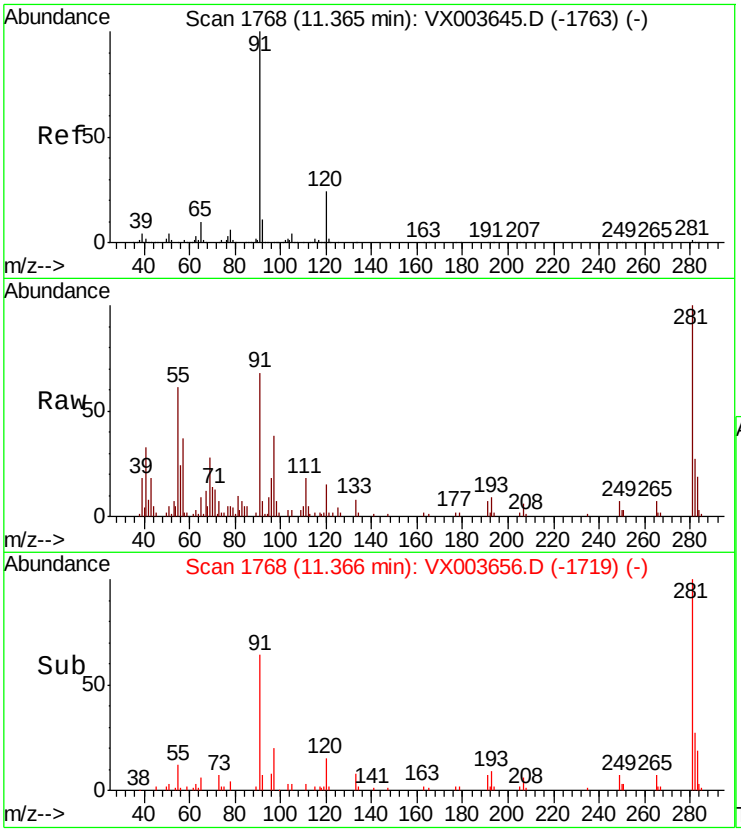




#76
1,2,3-Trichloropropane
Concen: 0.845 ug/l
RT: 11.44 min Scan# 1780
Delta R.T. 0.14 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion: 75 Resp: 1331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1331.1 | 21.6 | 64.6# |



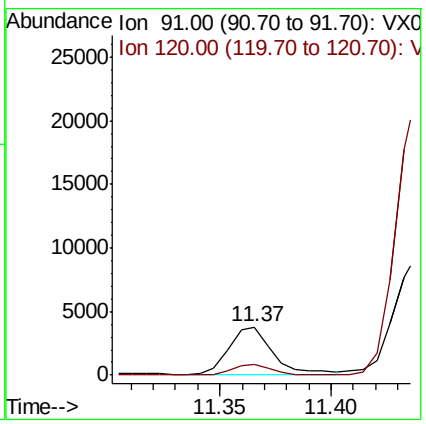


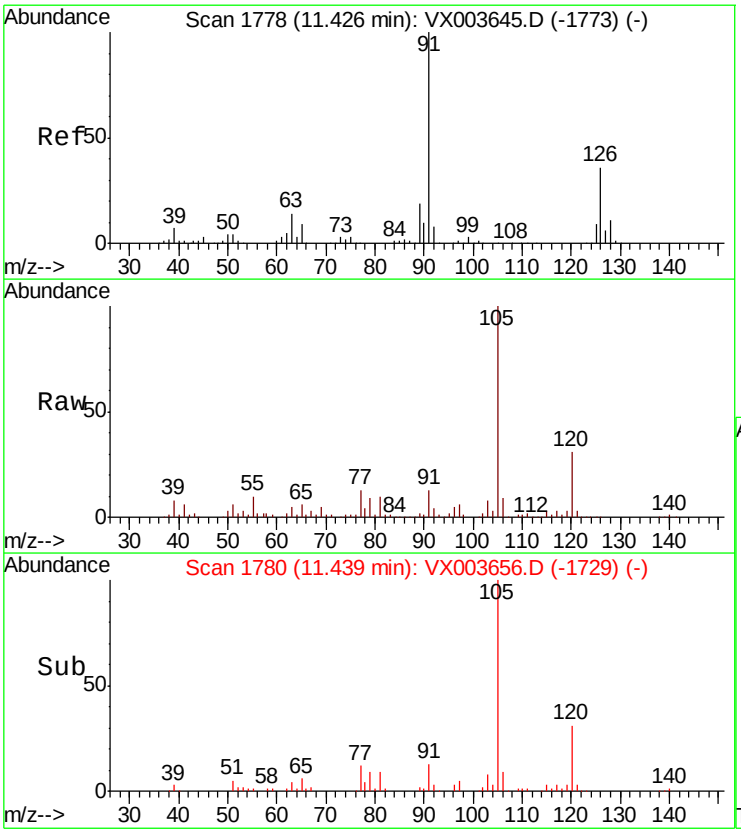

#78
n-propylbenzene
Concen: 0.848 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion: 91 Resp: 5025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 0.0 | 11.8 | 35.3# |

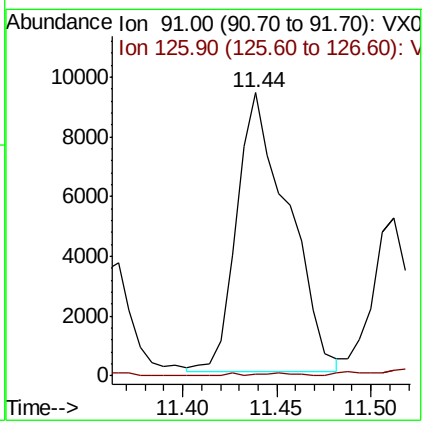


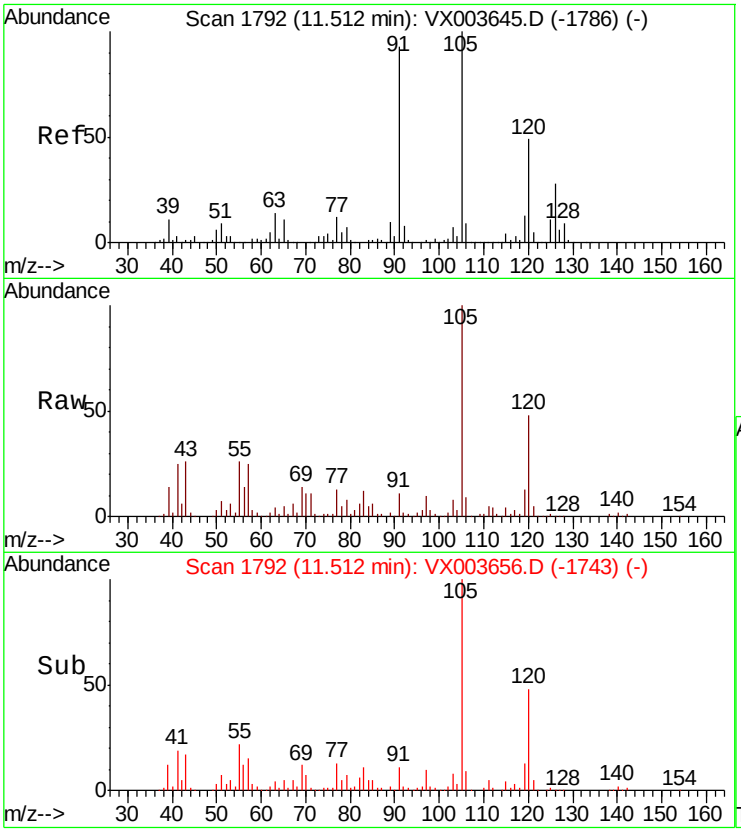




#79
2-Chlorotoluene
Concen: 4.938 ug/l
RT: 11.44 min Scan# 1780
Delta R.T. 0.01 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion: 91 Resp: 17788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.8 | 17.3 | 52.0# |



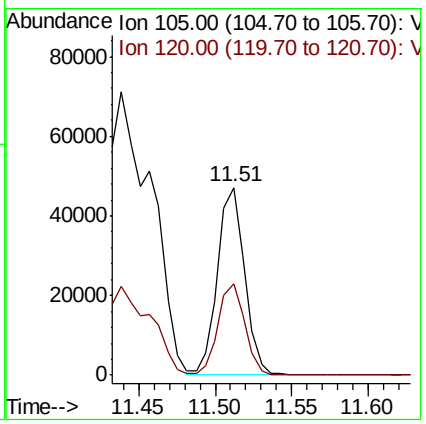


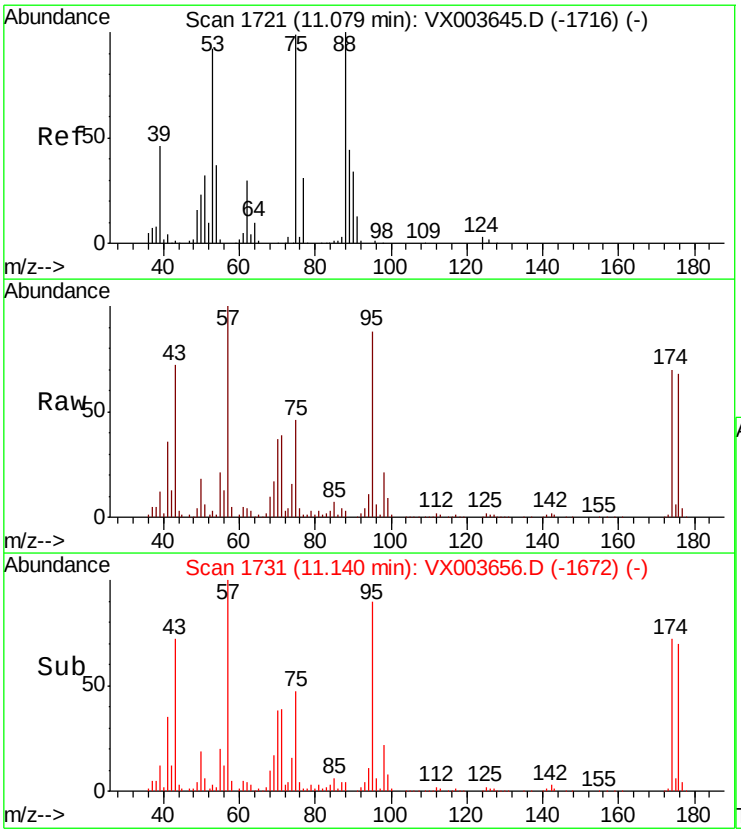

#80
1,3,5-Trimethylbenzene
Concen: 13.358 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion:105 Resp: 58010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.3 | 24.4 | 73.4 |

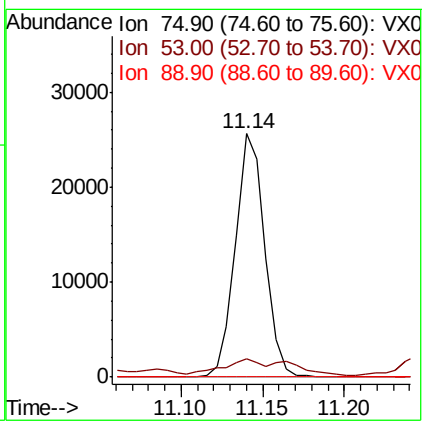


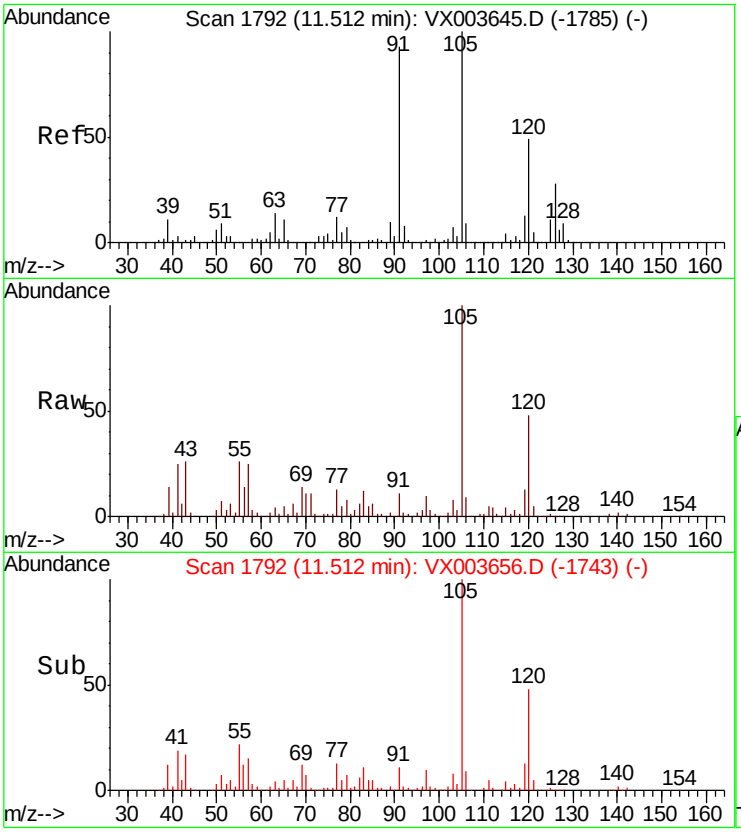




#81
trans-1,4-Dichloro-2-butene
Concen: 63.261 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion: 75 Resp: 32174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 8.5 | 77.8 | 116.8# |
| 89 | 0.0 | 36.6 | 54.8# |



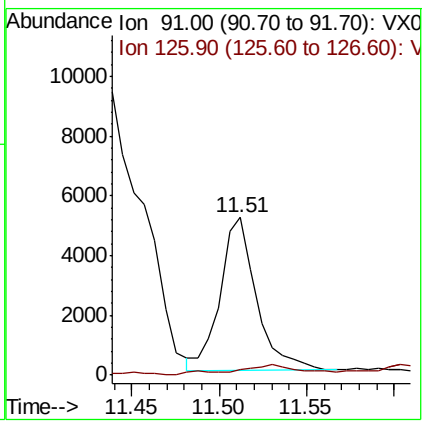


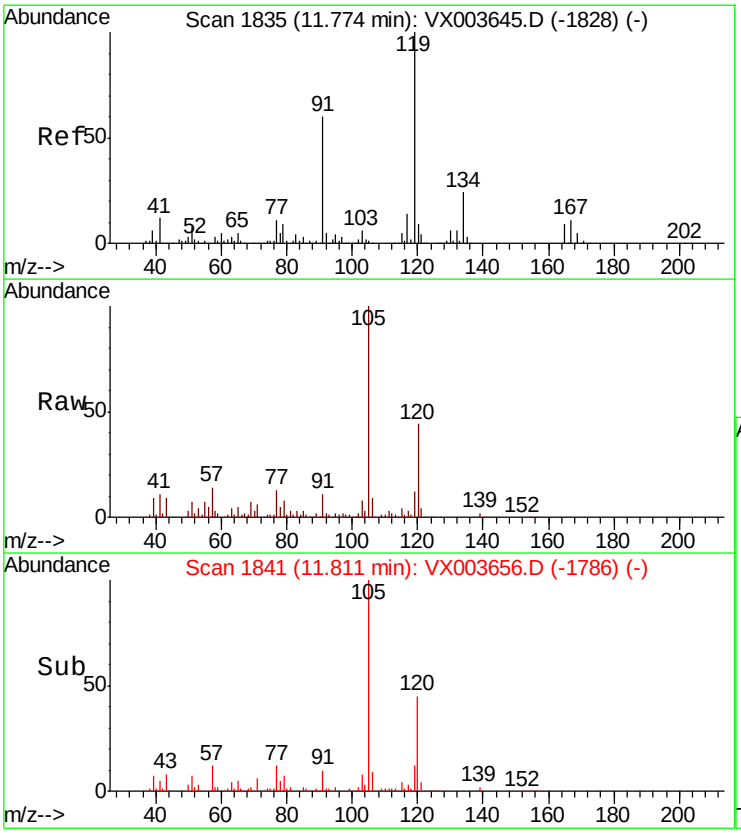

#82
4-Chlorotoluene
Concen: 1.747 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion: 91 Resp: 7415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 5.7 | 15.4 | 46.1# |

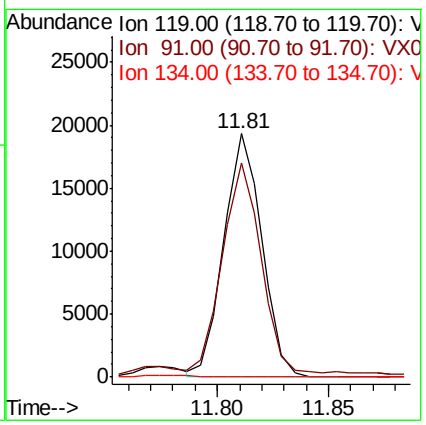


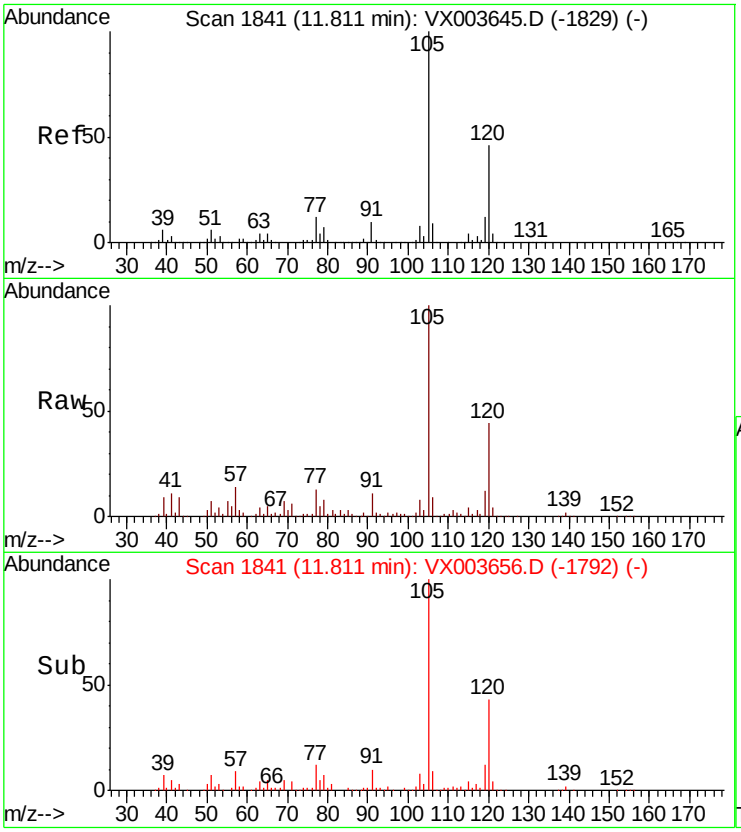




#83
tert-Butylbenzene
Concen: 5.382 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.04 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion:119 Resp: 22869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 89.0 | 28.4 | 85.2# |
| 134 | 0.0 | 11.6 | 34.8# |



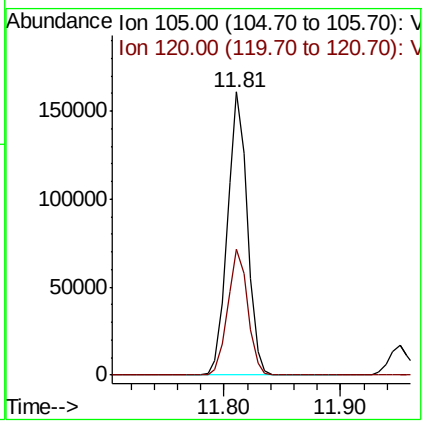


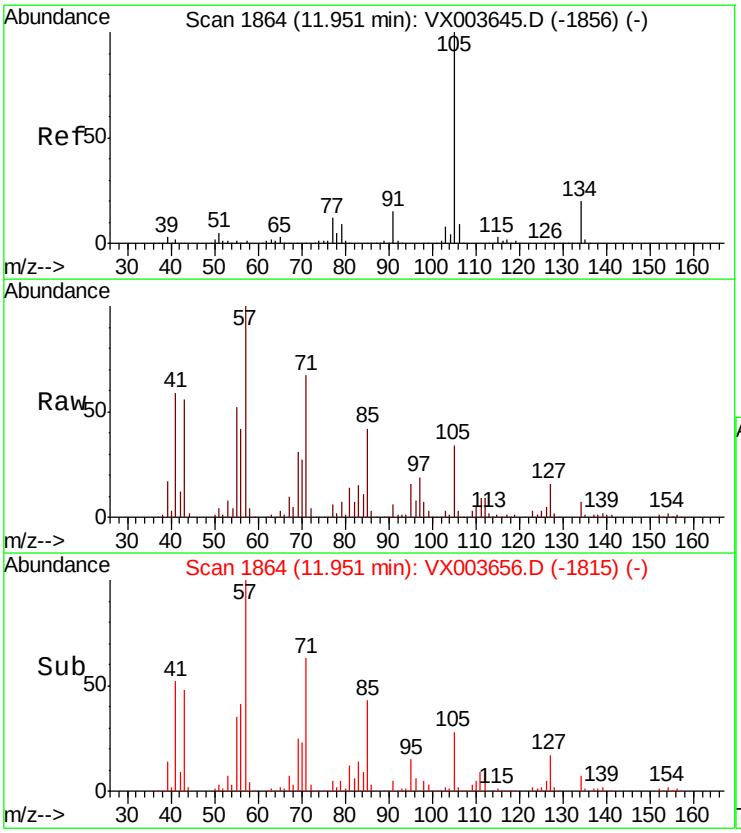

#84
1,2,4-Trimethylbenzene
Concen: 42.470 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion:105 Resp: 189554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.9 | 22.6 | 67.8 |

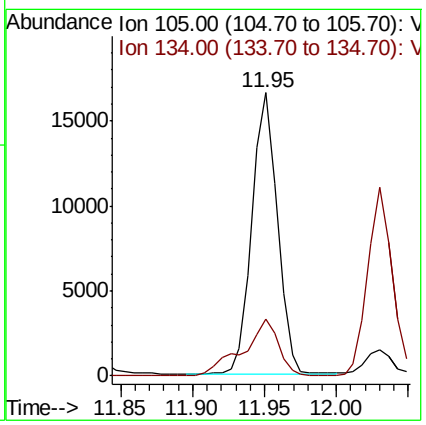


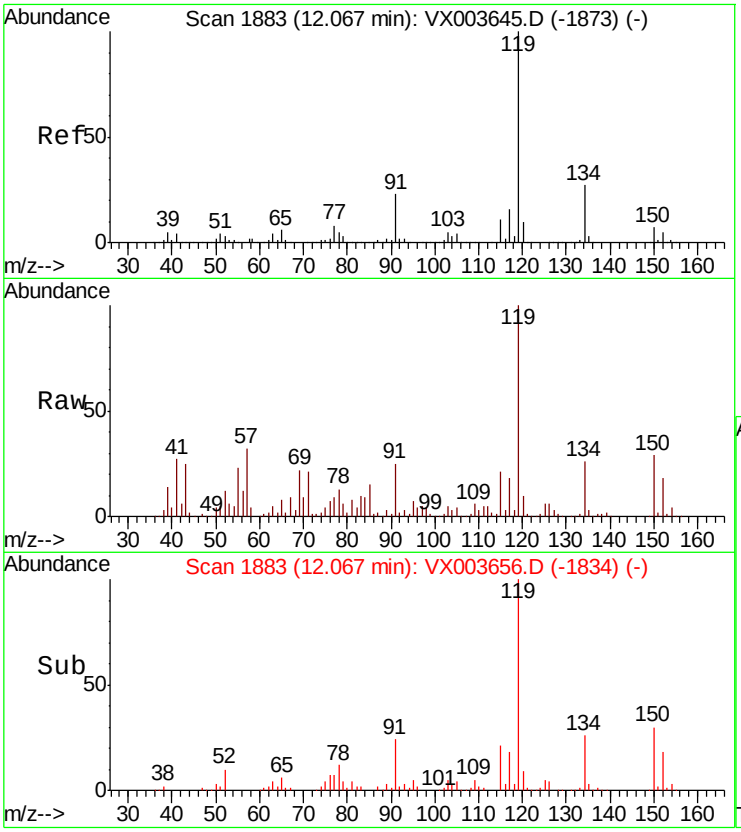




#85
sec-Butylbenzene
Concen: 3.983 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion:105 Resp: 20199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 28.2 | 10.1 | 30.1 |



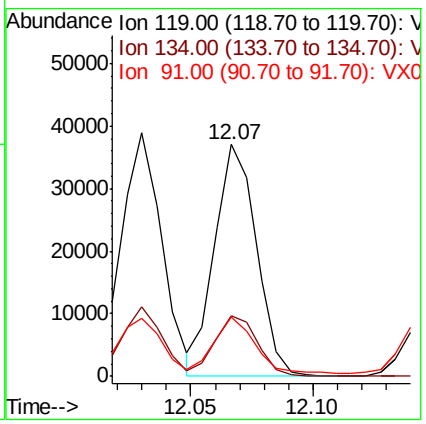


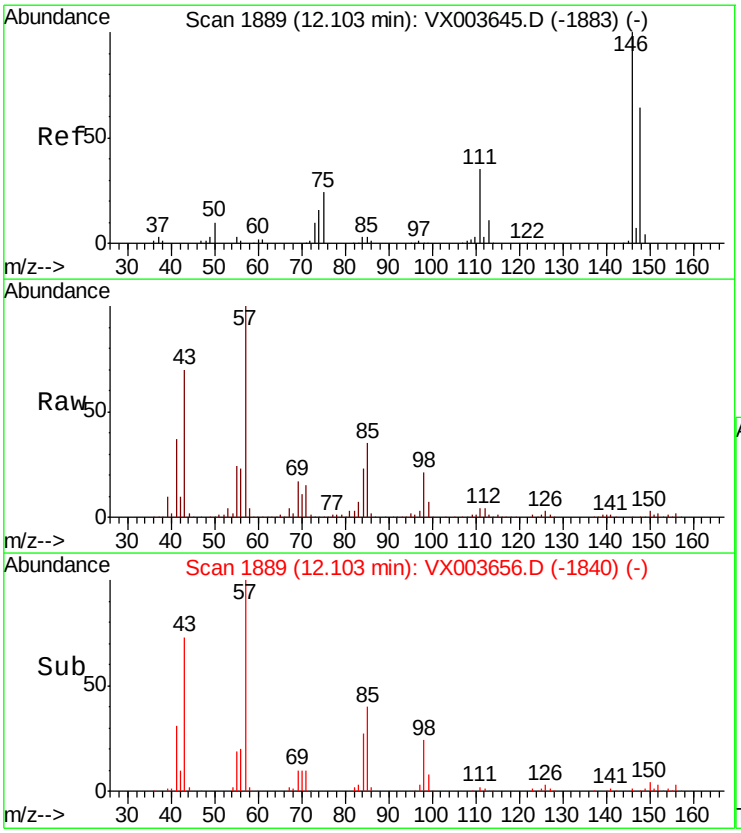

#86
p-Isopropyltoluene
Concen: 9.634 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion:119 Resp: 43855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.9 | 13.3 | 39.9 |
| 91 | 23.7 | 11.5 | 34.5 |

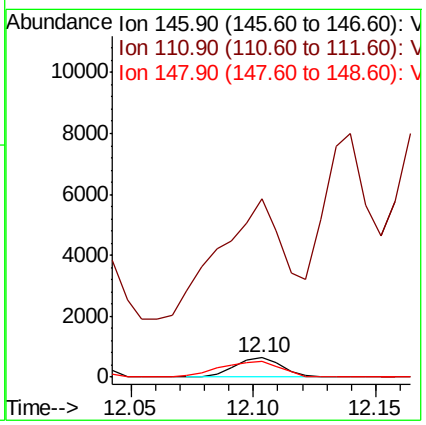


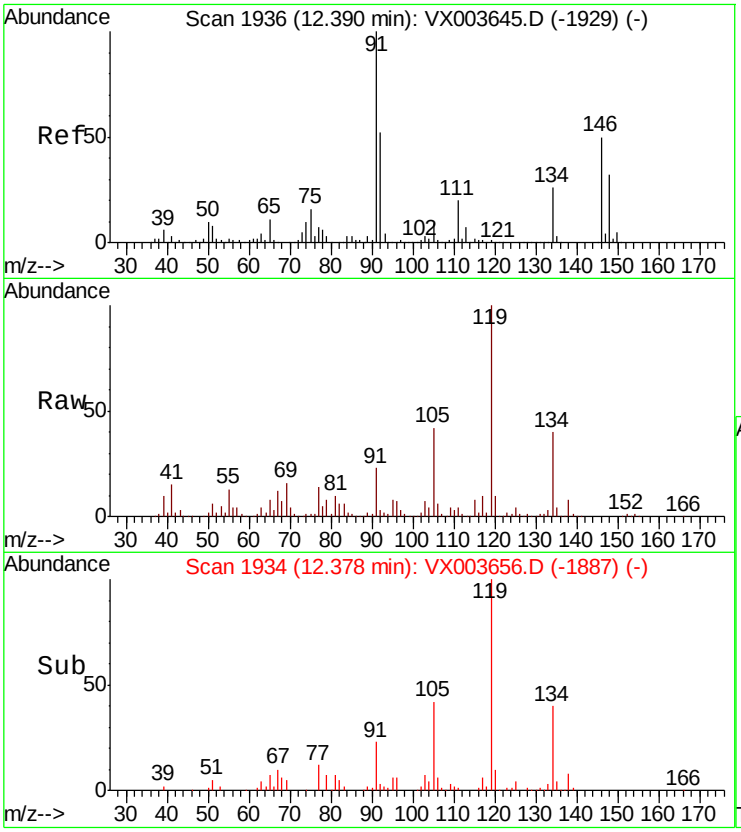




#88
1,4-Dichlorobenzene
Concen: 0.309 ug/l
RT: 12.10 min Scan# 1889
Delta R.T. 0.00 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion:146 Resp: 834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 900.6 | 18.6 | 55.6# |
| 148 | 104.2 | 32.0 | 96.2# |



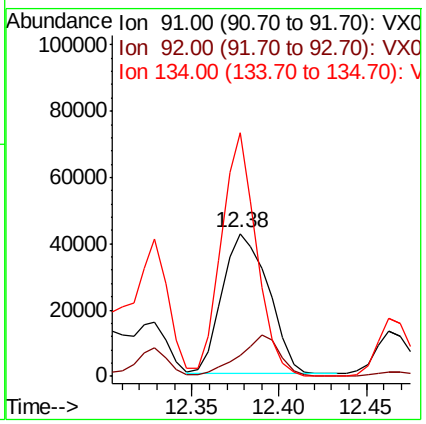


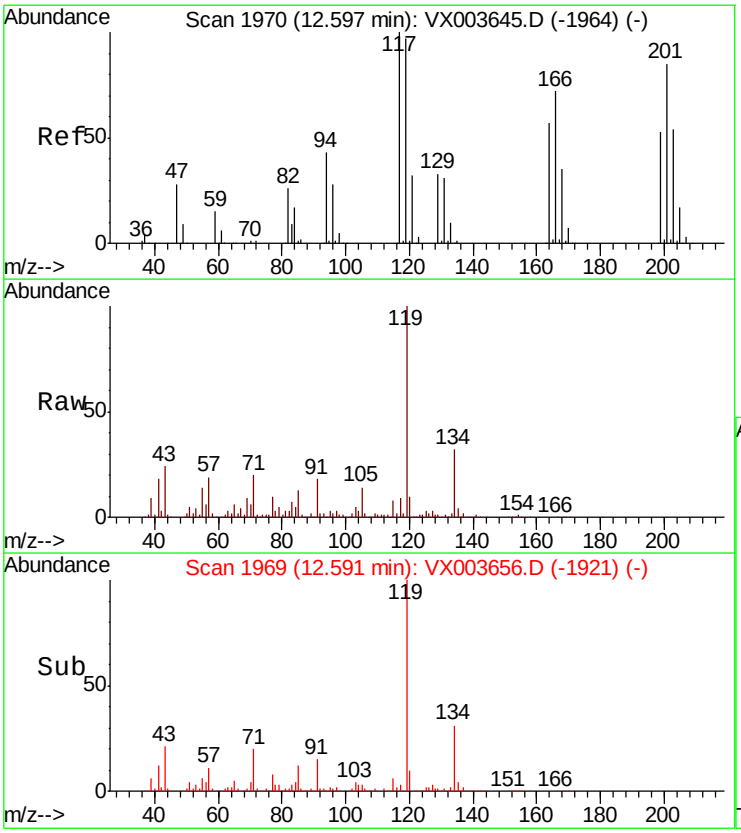

#89
n-Butylbenzene
Concen: 18.998 ug/l
RT: 12.38 min Scan# 1934
Delta R.T. -0.01 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion: 91 Resp: 77949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 25.2 | 26.3 | 78.9# |
| 134 | 130.0 | 13.3 | 39.8# |

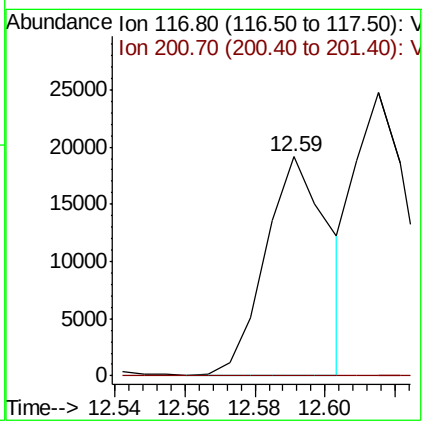


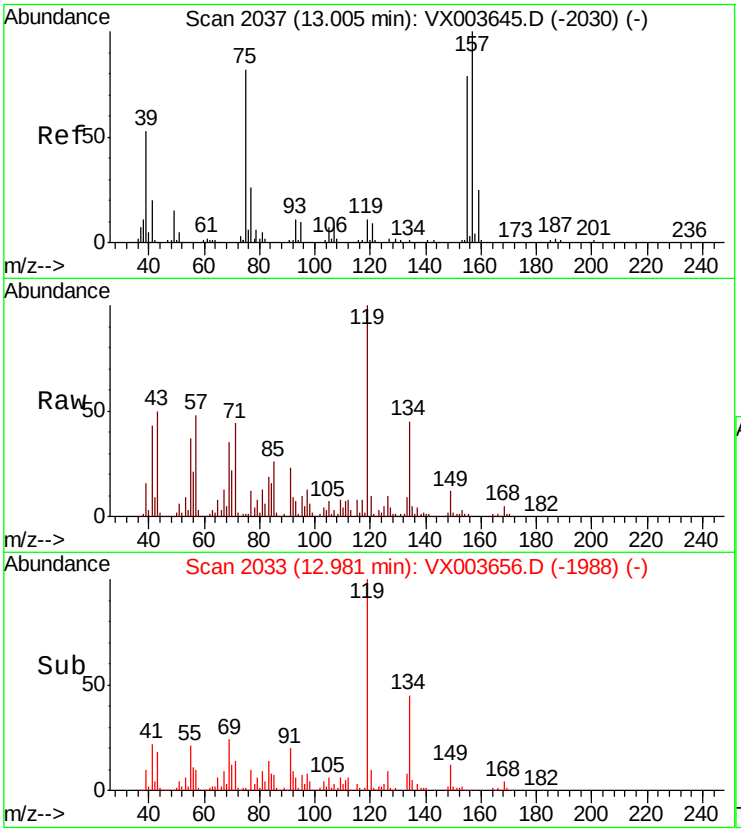




#90
Hexachloroethane
Concen: 35.027 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion:117 Resp: 24148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 46.2 | 138.5# |



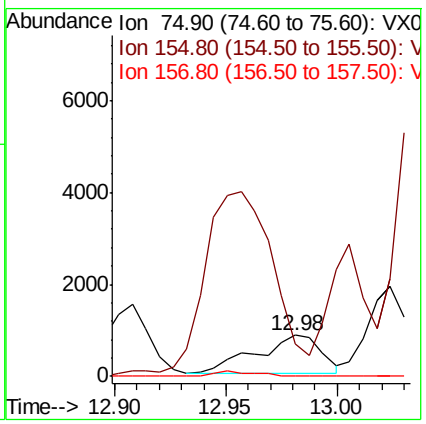


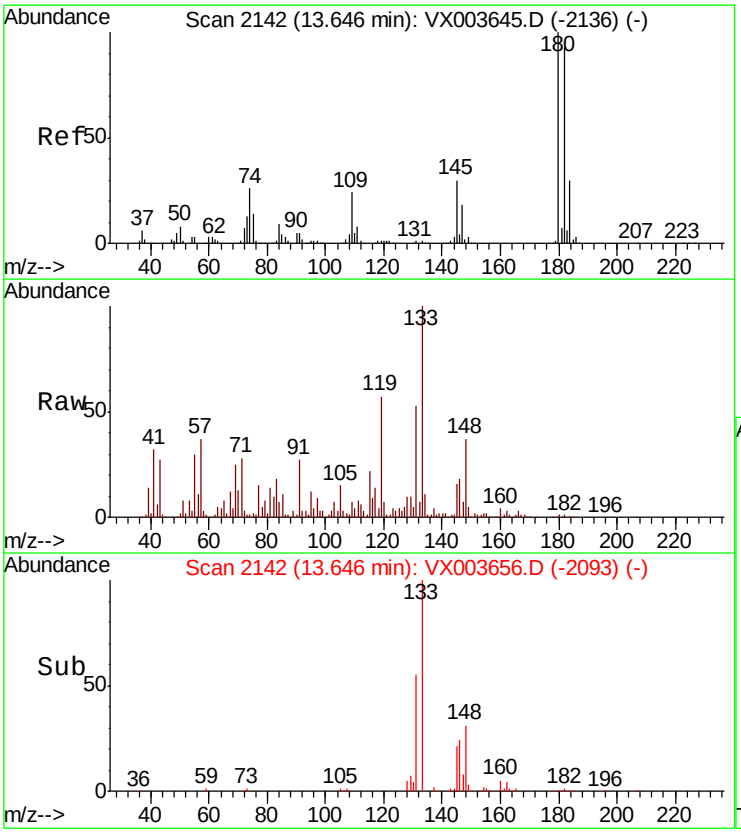

#92
1,2-Dibromo-3-Chloropropane
Concen: 4.367 ug/l
RT: 12.98 min Scan# 2033
Delta R.T. -0.02 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion: 75 Resp: 1723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 0.0 | 46.1 | 138.3# |
| 157 | 0.0 | 59.7 | 179.0# |

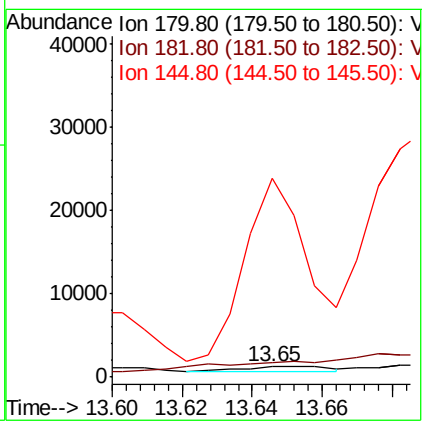


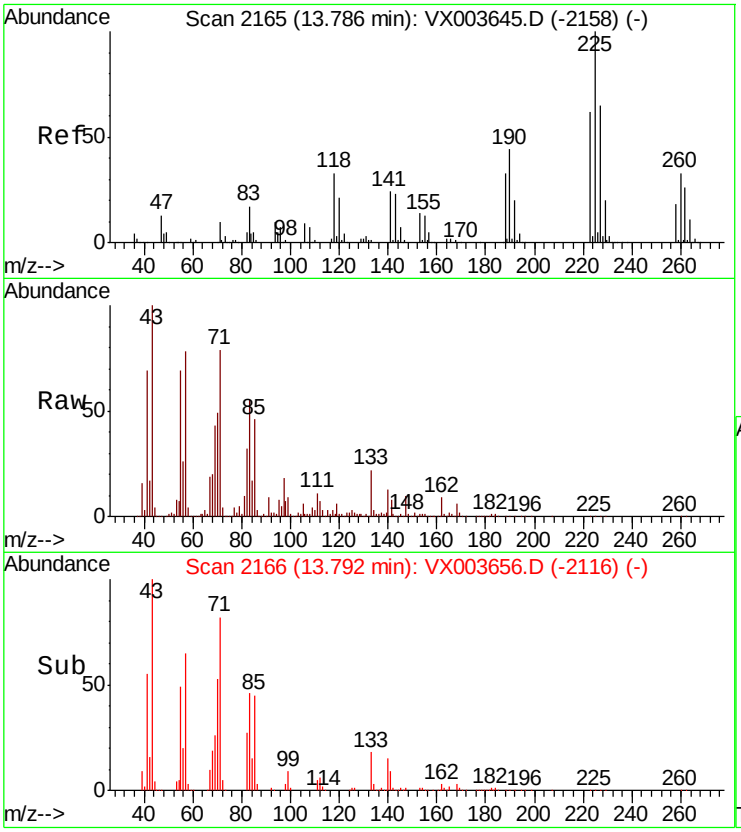




#93
1,2,4-Trichlorobenzene
Concen: 0.506 ug/l
RT: 13.65 min Scan# 2142
Delta R.T. 0.00 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion:180 Resp: 957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 0.0 | 47.9 | 143.8# |
| 145 | 3217.1 | 14.4 | 43.2# |



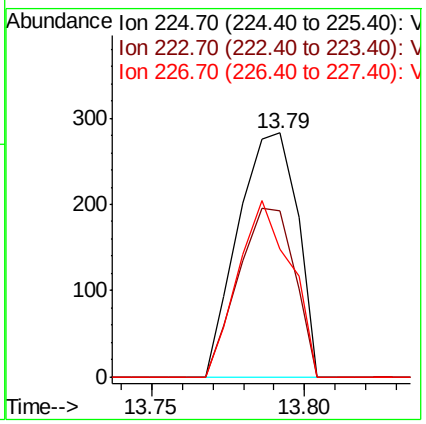


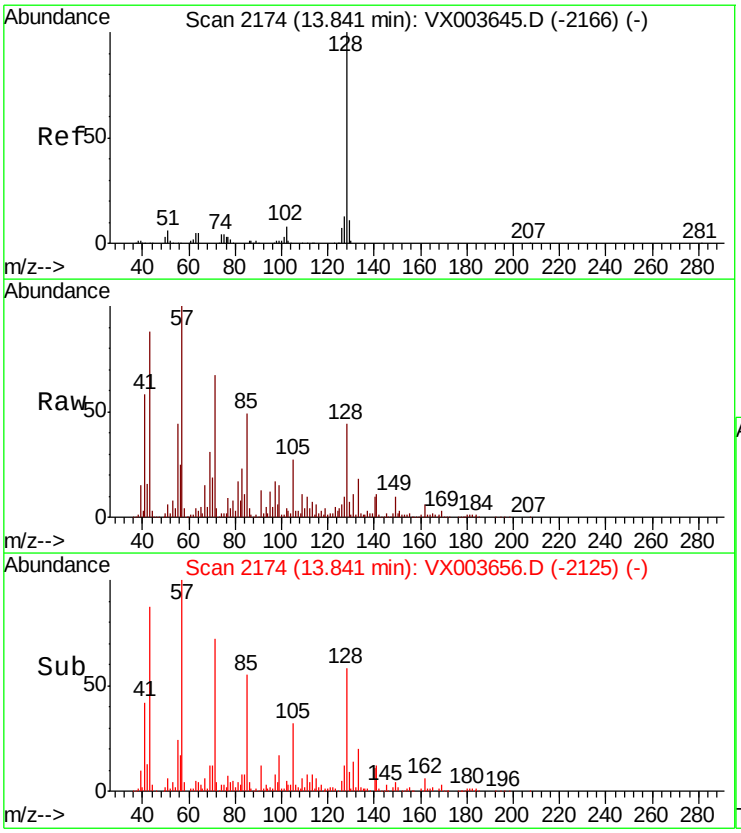

#94
Hexachlorobutadiene
Concen: 0.434 ug/l
RT: 13.79 min Scan# 2166
Delta R.T. 0.01 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion:225 Resp: 380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 66.1 | 30.9 | 92.5 |
| 227 | 64.5 | 31.9 | 95.7 |

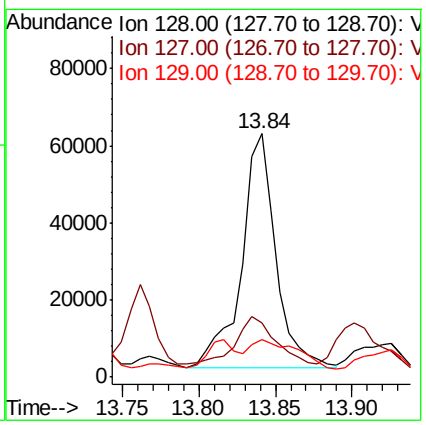


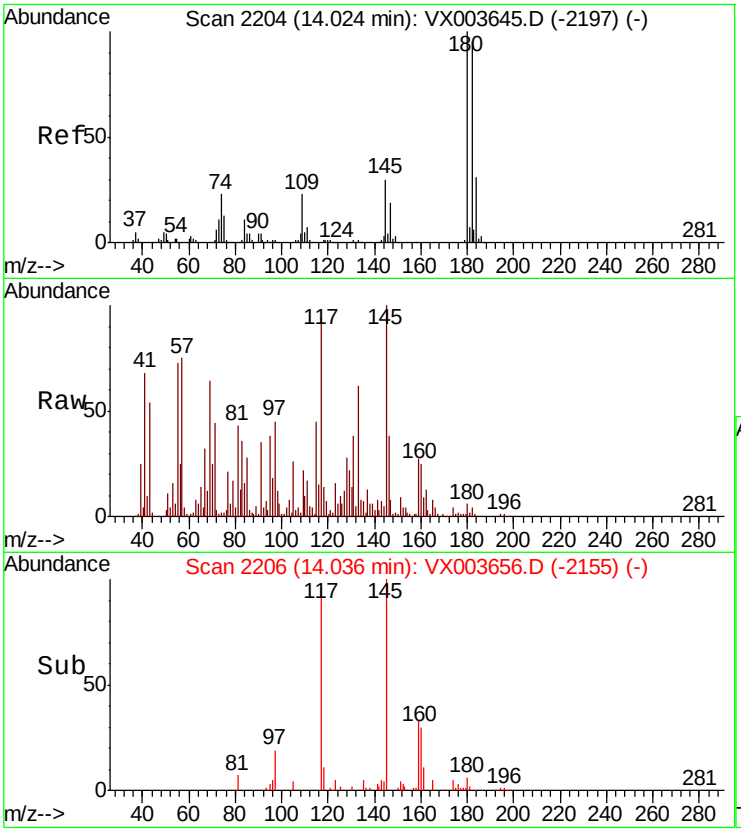




#95
Naphthalene
Concen: 16.470 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

Tgt Ion:128 Resp: 94288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 23.1 | 10.4 | 15.6# |
| 129 | 17.3 | 8.7 | 13.1# |






#96
1,2,3-Trichlorobenzene
Concen: 1.762 ug/l
RT: 14.04 min Scan# 2206
Delta R.T. 0.01 min
Lab File: VX003656.D
Acq: 25 Jul 2018 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
GS-RO-338-RO-147-RO-278ME

Tgt Ion:180 Resp: 3387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 45.6 | 47.6 | 142.8# |
| 145 | 2637.9 | 15.0 | 45.1# |