Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071719\
Data File : VX010935.D
Acq On : 17 Jul 2019 14:56
Operator : JC/SP
Sample : K3855-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** Z5-TB06-190716

Quant Time: Jul 18 02:30:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.66 | 168 | 214113 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 338622 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 312179 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 145903 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 112623 | 49.44 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.88% | | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 105417 | 49.05 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.10% | | | | |
| 50) Toluene-d8 | 8.71 | 98 | 405624 | 50.32 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.64% | | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 140293 | 47.35 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 94.70% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 52 | 0.569 | ug/l | # | 43 |
| 3) Chloromethane | 1.33 | 50 | 614 | 0.312 | ug/l | | 91 |
| 5) Bromomethane | 1.65 | 94 | 477 | 0.421 | ug/l | # | 77 |
| 6) Chloroethane | 1.71 | 64 | 489 | 0.383 | ug/l | # | 83 |
| 11) Tert butyl alcohol | 3.06 | 59 | 146 | 0.275 | ug/l | # | 42 |
| 16) Acetone | 2.45 | 43 | 266 | 0.259 | ug/l | | 97 |
| 31) Cyclohexane | 5.67 | 56 | 3868 | 1.251 | ug/l | # | 1 |
| 36) 1,1-Dichloropropene | 5.67 | 75 | 14349 | 5.159 | ug/l | # | 44 |
| 38) Carbon Tetrachloride | 5.66 | 117 | 19028 | 6.565 | ug/l | # | 18 |
| 76) 1,2,3-Trichloropropane | 11.13 | 75 | 69447 | 26.377 | ug/l | # | 35 |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75 | 69447 | 65.487 | ug/l | # | 11 |

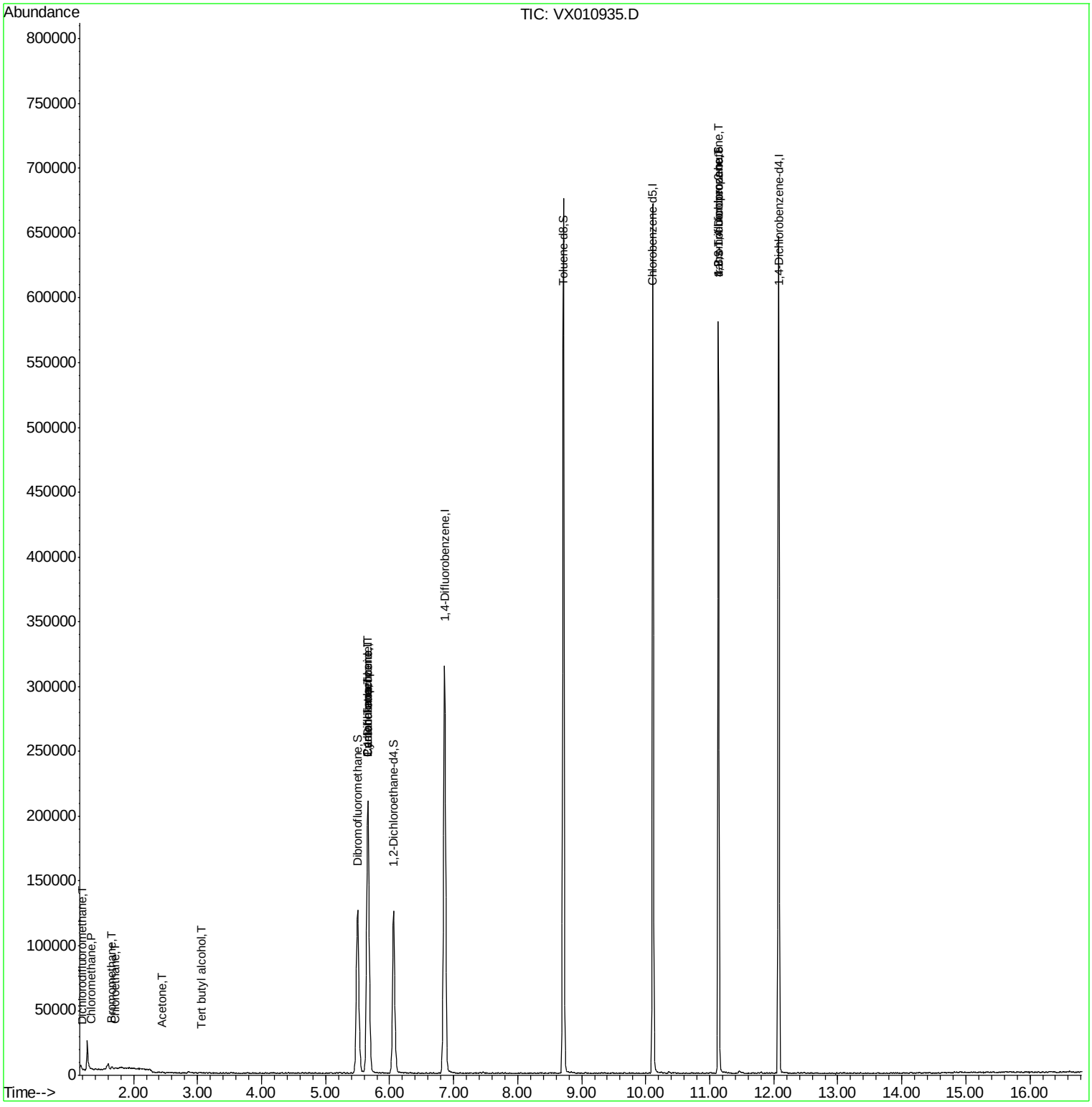
(#) = qualifier out of range (m) = manual integration (+) = signals summed

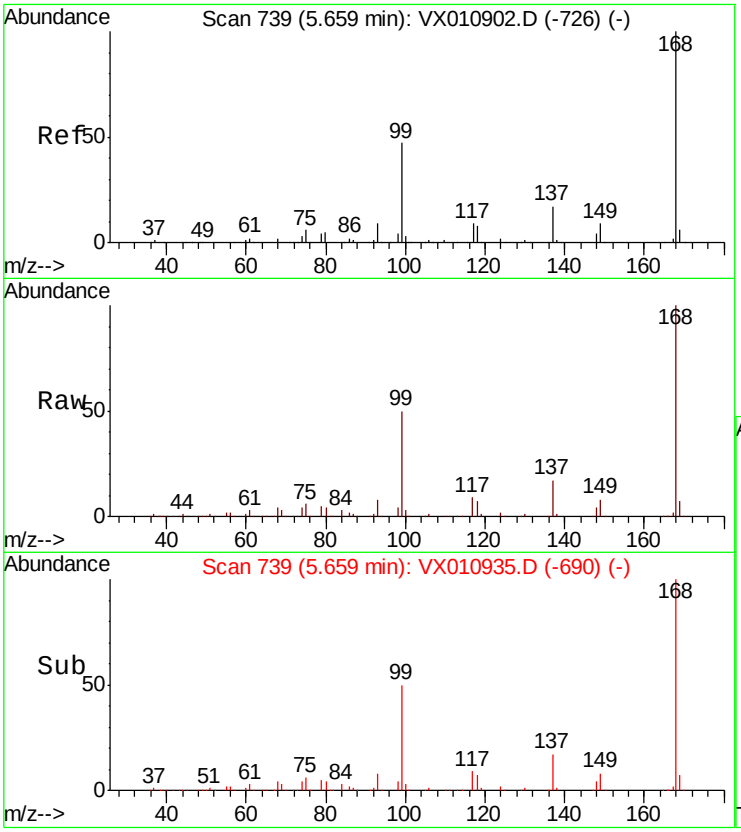
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071719\
Data File : VX010935.D
Acq On : 17 Jul 2019 14:56
Operator : JC/SP
Sample : K3855-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z5-TB06-190716

Quant Time: Jul 18 02:30:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration



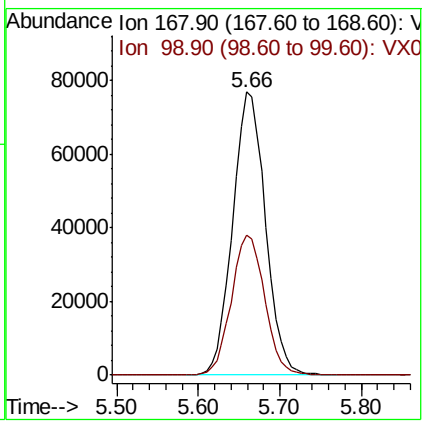


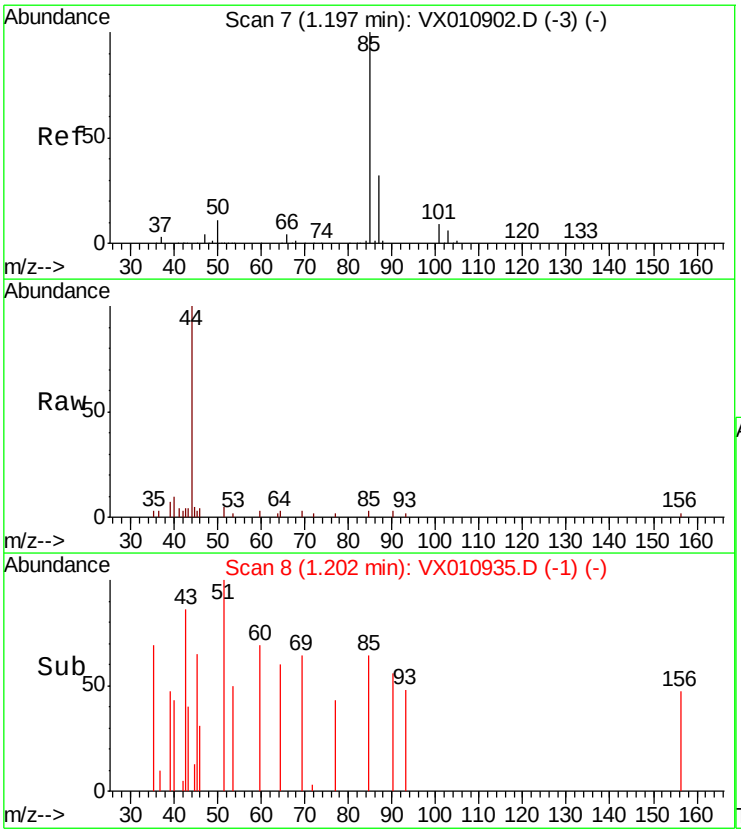

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX010935.D
Acq: 17 Jul 2019 14:56

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z5-TB06-190716

Tgt Ion:168 Resp: 214113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 49.5 | 37.6 | 56.4 |

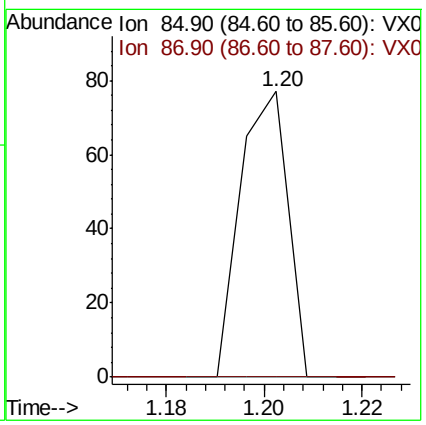


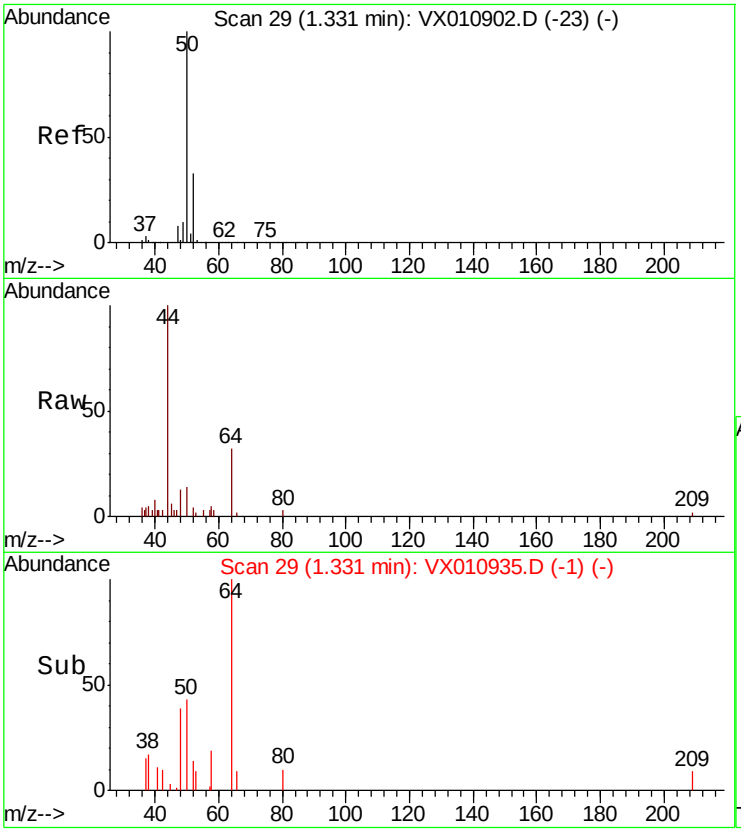




#2
Dichlorodifluoromethane
Concen: 0.569 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX010935.D
Acq: 17 Jul 2019 14:56

Tgt Ion: 85 Resp: 52

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



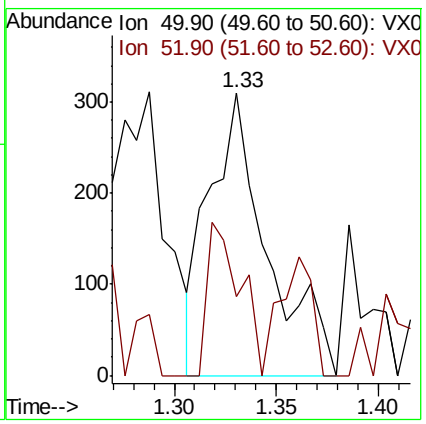


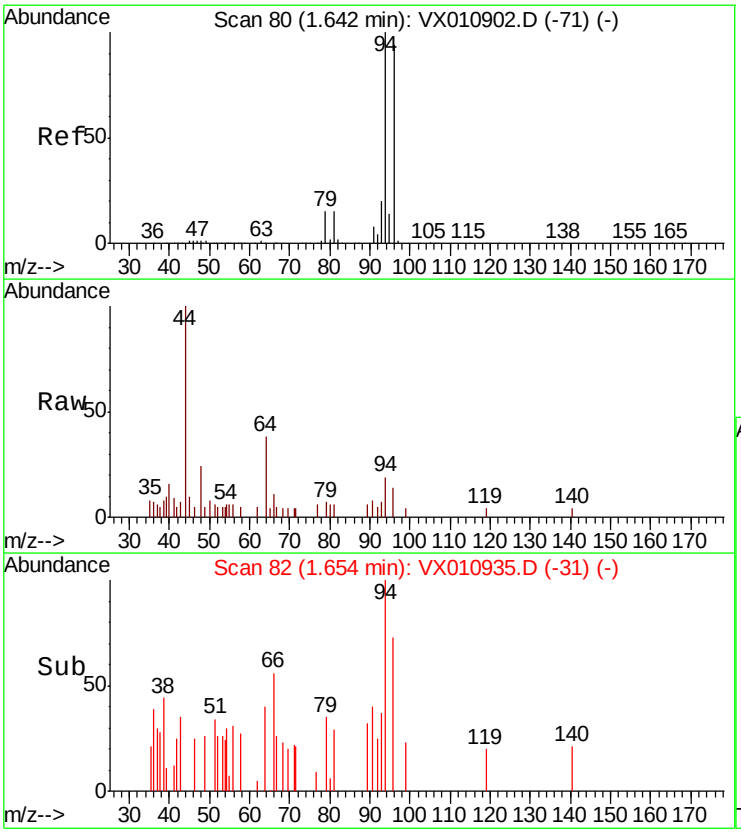

#3
Chloromethane
Concen: 0.312 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX010935.D
Acq: 17 Jul 2019 14:56

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z5-TB06-190716

Tgt Ion: 50 Resp: 614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 27.7 | 26.4 | 39.6 |

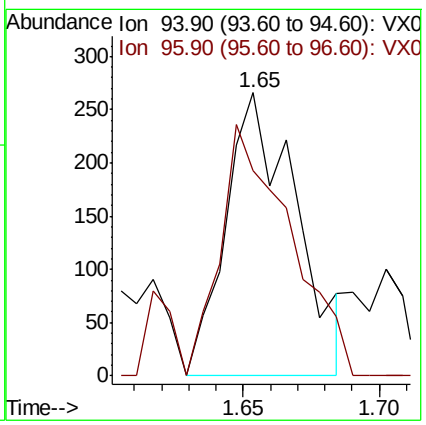


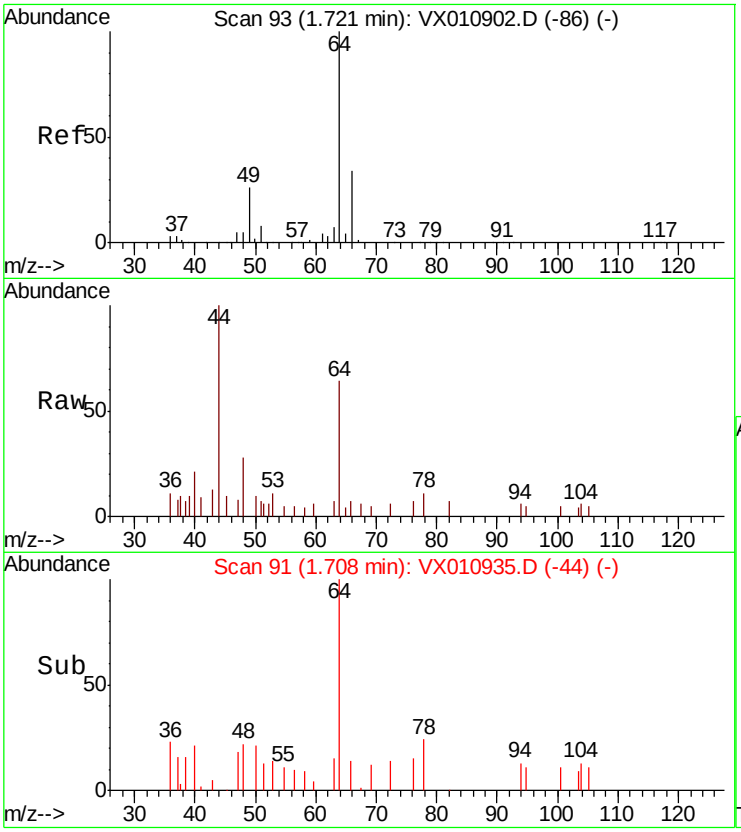




#5
Bromomethane
Concen: 0.421 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX010935.D
Acq: 17 Jul 2019 14:56

Tgt Ion: 94 Resp: 477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 72.6 | 75.6 | 113.4# |



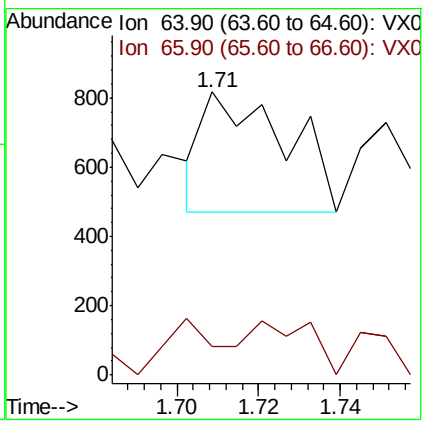


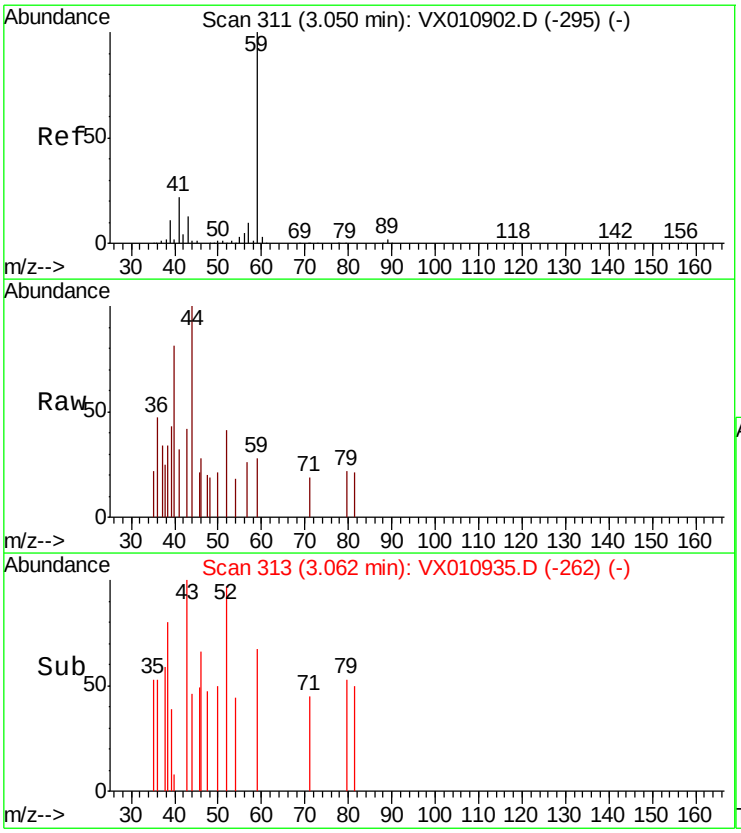

#6
Chloroethane
Concen: 0.383 ug/l
RT: 1.71 min Scan# 91
Delta R.T. -0.01 min
Lab File: VX010935.D
Acq: 17 Jul 2019 14:56

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z5-TB06-190716

Tgt Ion: 64 Resp: 489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 23.9 | 27.0 | 40.6# |

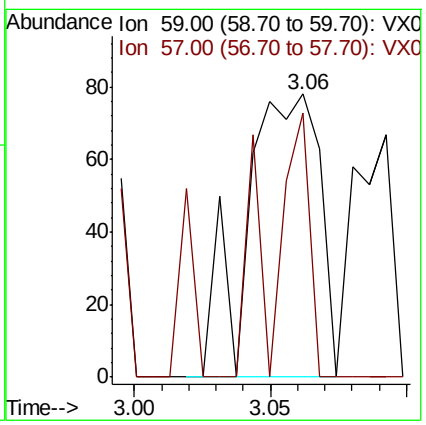


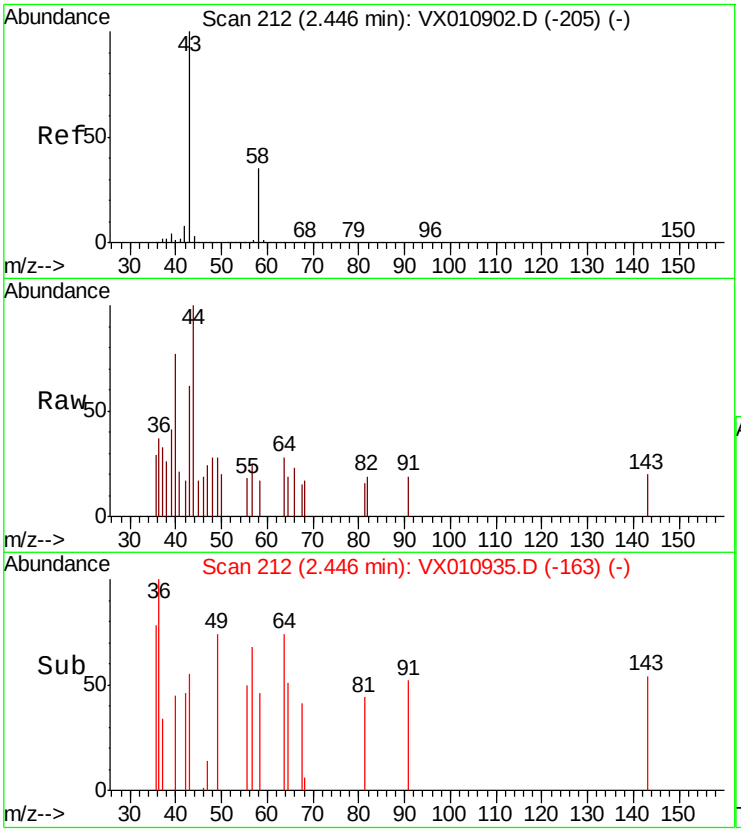




#11
Tert butyl alcohol
Concen: 0.275 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX010935.D
Acq: 17 Jul 2019 14:56

Tgt Ion: 59 Resp: 146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 31.5 | 7.9 | 11.9# |



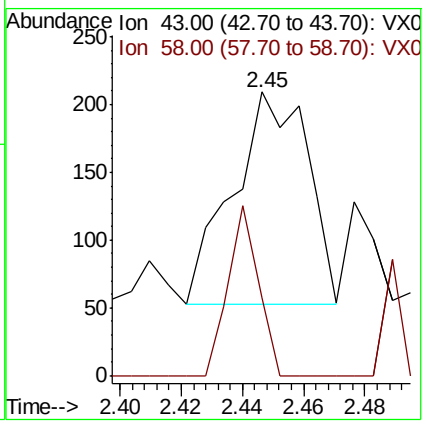


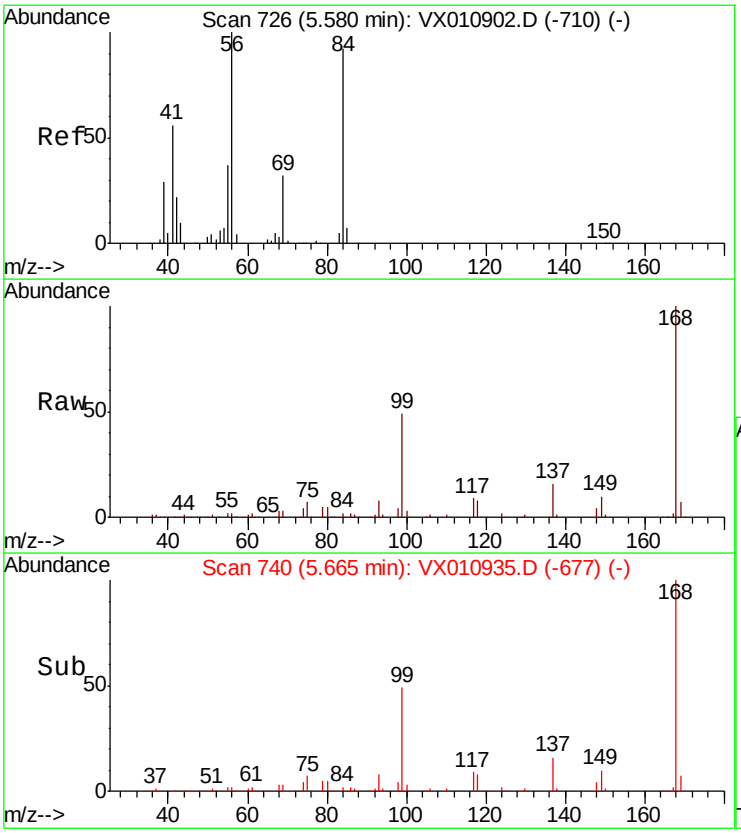

#16
Acetone
Concen: 0.259 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX010935.D
Acq: 17 Jul 2019 14:56

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z5-TB06-190716

Tgt Ion: 43 Resp: 266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.5 | 27.7 | 41.5 |

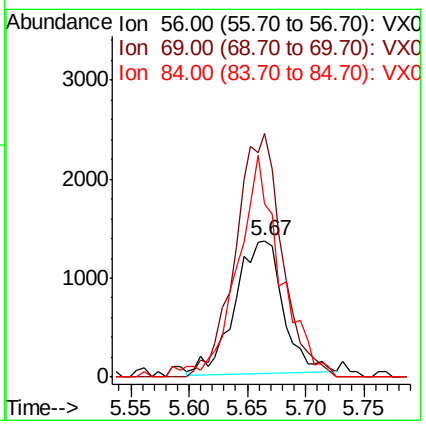


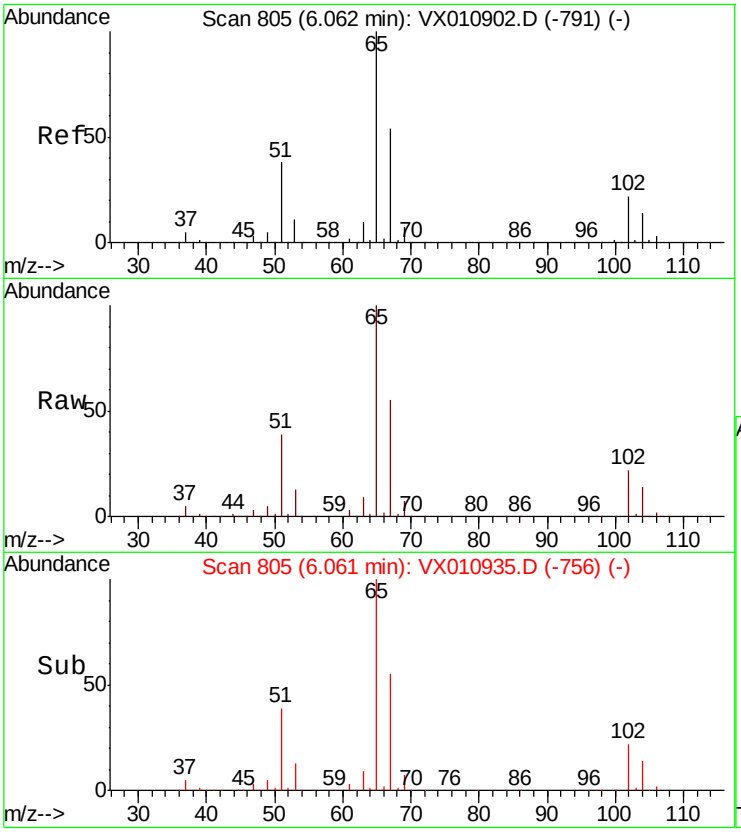




#31
Cyclohexane
Concen: 1.251 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX010935.D
Acq: 17 Jul 2019 14:56

Tgt Ion: 56 Resp: 3868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 185.7 | 25.8 | 38.8# |
| 84 | 131.7 | 73.8 | 110.6# |



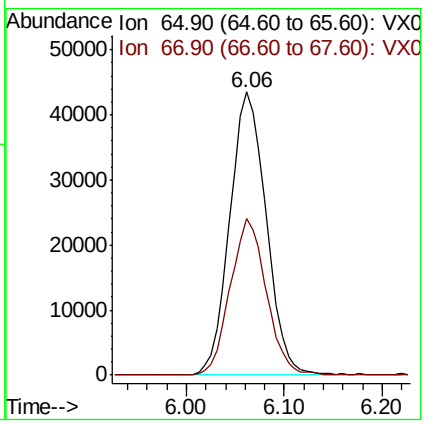


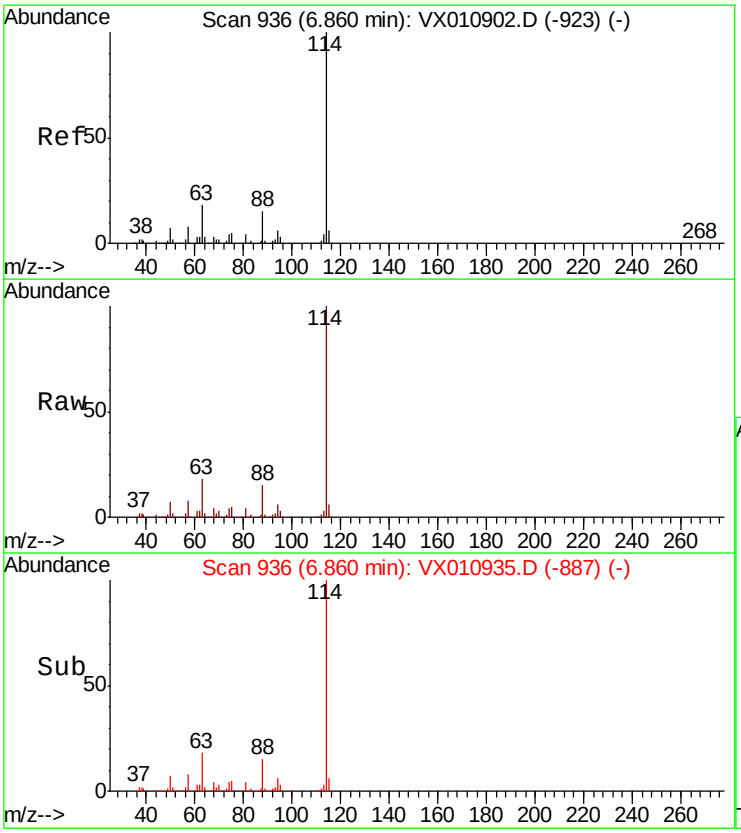

#33
1,2-Dichloroethane-d4
Concen: 49.443 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX010935.D
Acq: 17 Jul 2019 14:56

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z5-TB06-190716

Tgt Ion: 65 Resp: 112623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.6 | 0.0 | 107.8 |

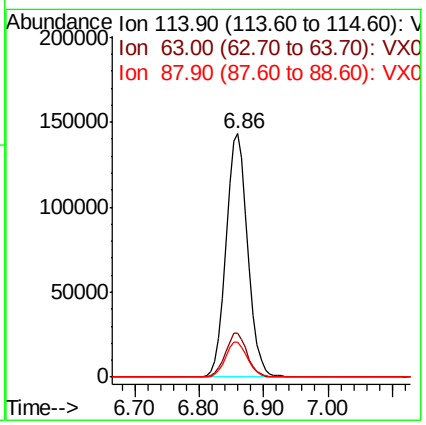


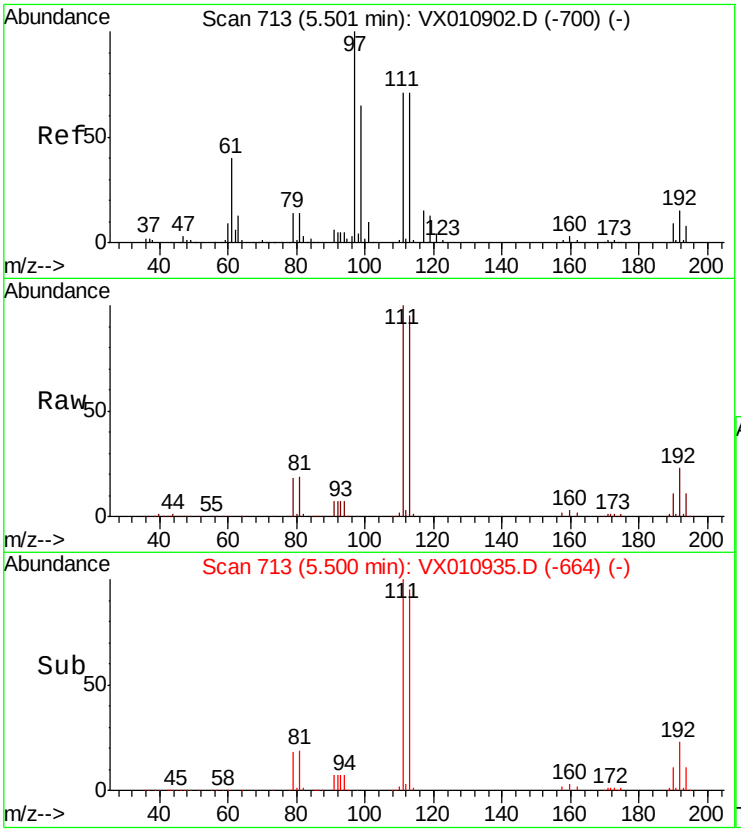




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX010935.D
Acq: 17 Jul 2019 14:56

Tgt Ion:114 Resp: 338622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 17.9 | 0.0 | 35.6 |
| 88 | 14.6 | 0.0 | 29.8 |



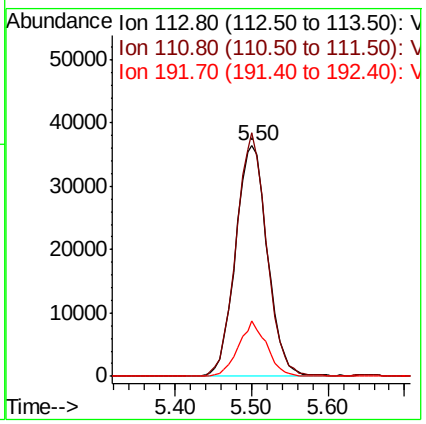


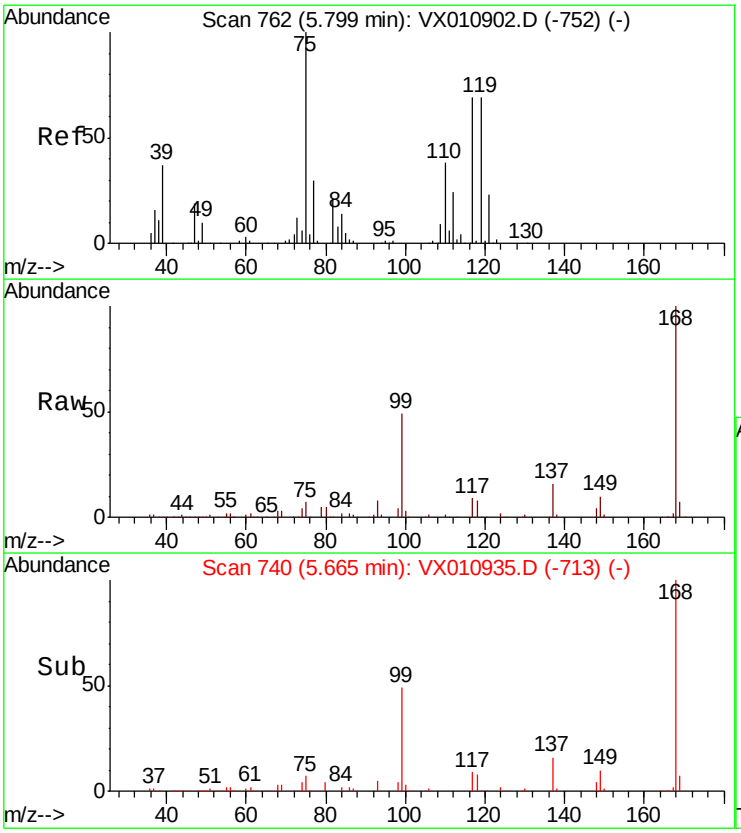

#35
Dibromofluoromethane
Concen: 49.047 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010935.D
Acq: 17 Jul 2019 14:56

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z5-TB06-190716

Tgt Ion:113 Resp: 105417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.1 | 82.3 | 123.5 |
| 192 | 21.3 | 17.4 | 26.2 |

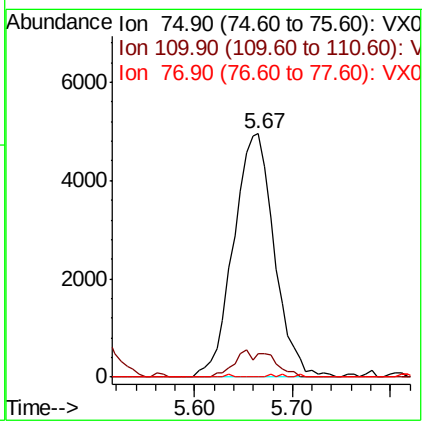


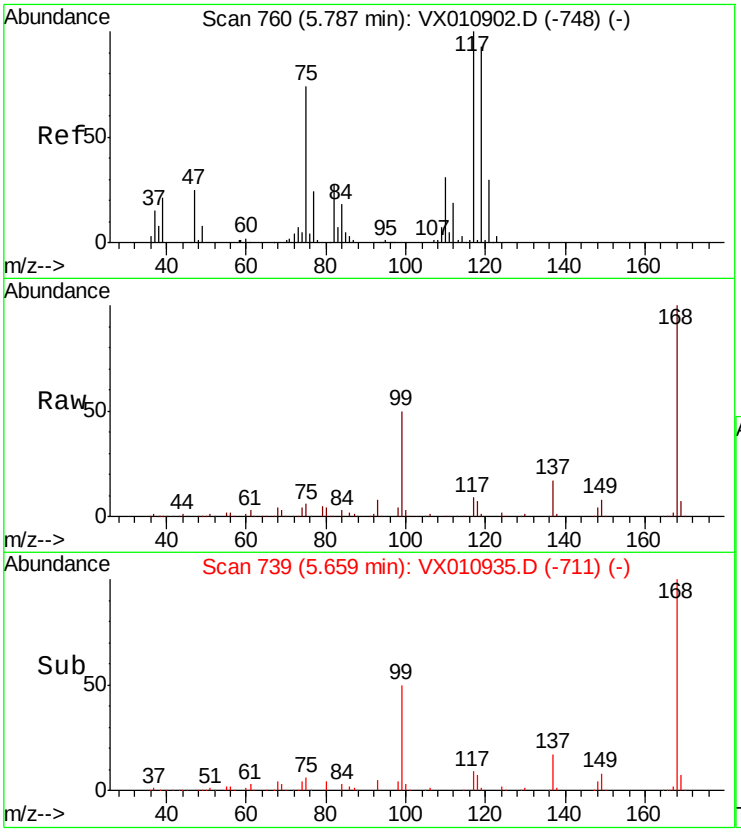




#36
1,1-Dichloropropene
Concen: 5.159 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX010935.D
Acq: 17 Jul 2019 14:56

Tgt Ion: 75 Resp: 14349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 5.2 | 19.9 | 59.7# |
| 77 | 0.0 | 25.0 | 37.4# |



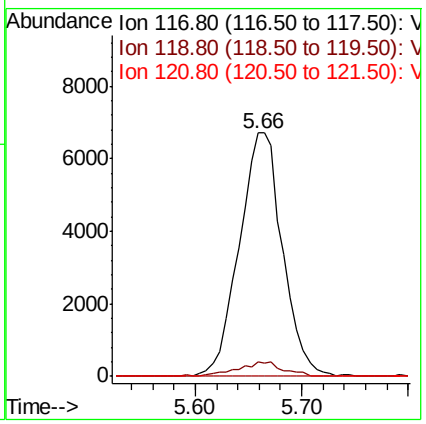


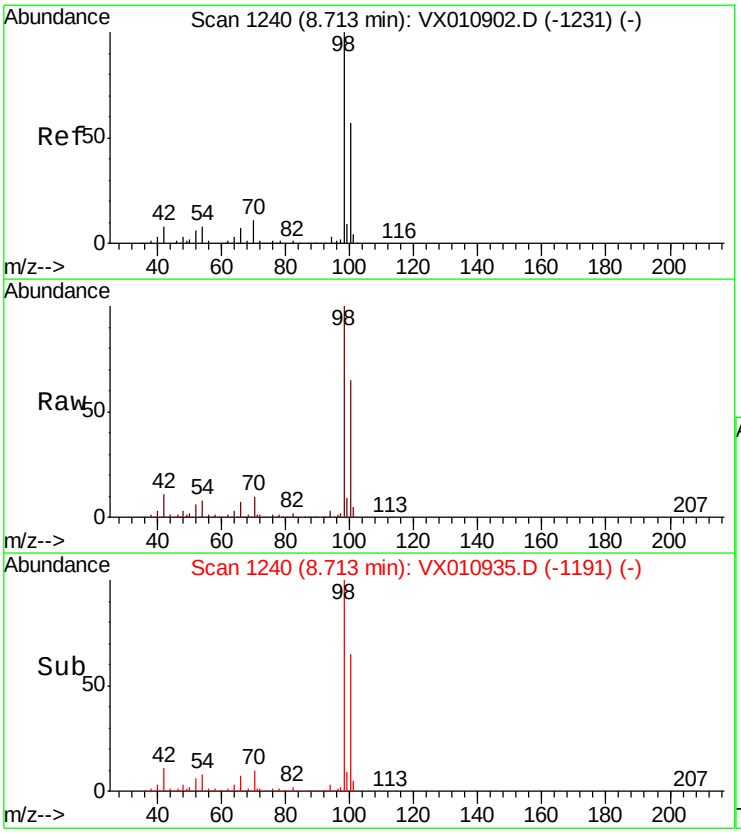

#38
Carbon Tetrachloride
Concen: 6.565 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX010935.D
Acq: 17 Jul 2019 14:56

**Instrument :** MSVOA_X
**ClientSampleId :** Z5-TB06-190716

Tgt Ion:117 Resp: 19028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.9 | 74.2 | 111.2# |
| 121 | 0.0 | 24.2 | 36.2# |

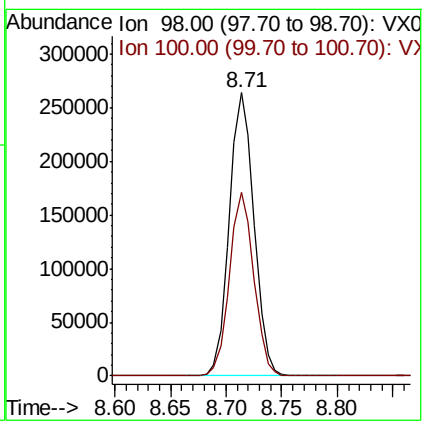


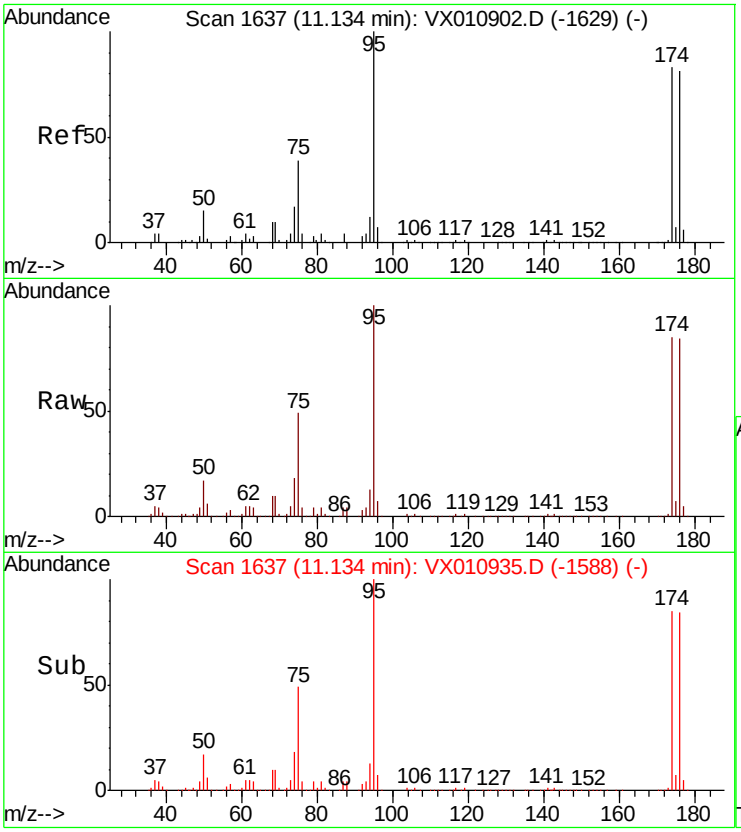




#50
Toluene-d8
Concen: 50.318 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010935.D
Acq: 17 Jul 2019 14:56

Tgt Ion: 98 Resp: 405624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.9 | 50.6 | 75.8 |



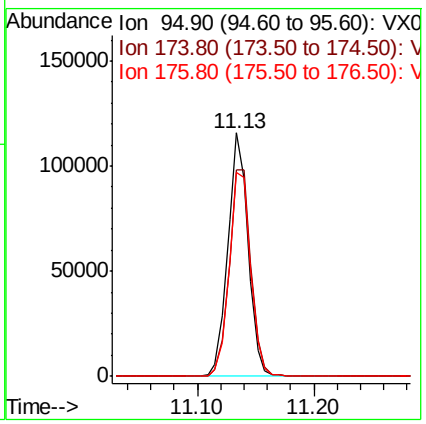


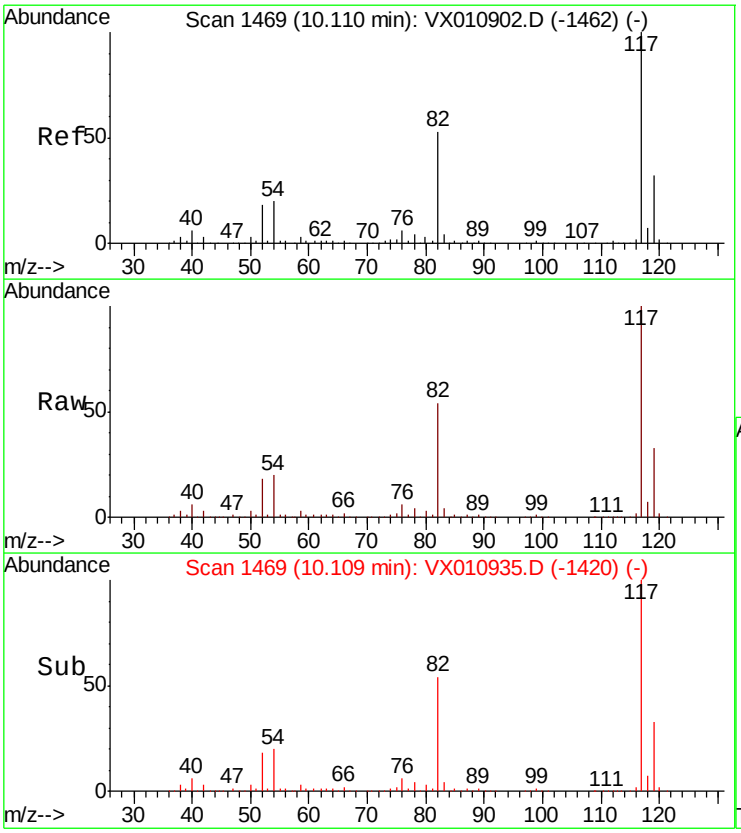

#62
4-Bromofluorobenzene
Concen: 47.347 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010935.D
Acq: 17 Jul 2019 14:56

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z5-TB06-190716

Tgt Ion: 95 Resp: 140293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 91.3 | 0.0 | 180.6 |
| 176 | 88.9 | 0.0 | 173.8 |

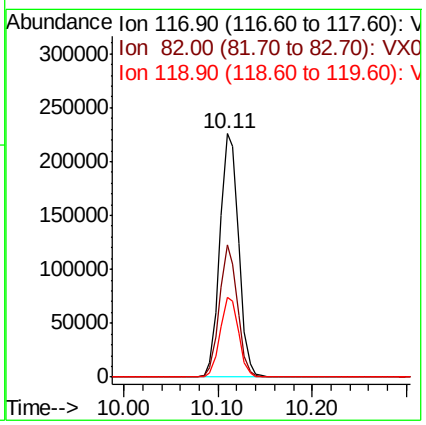


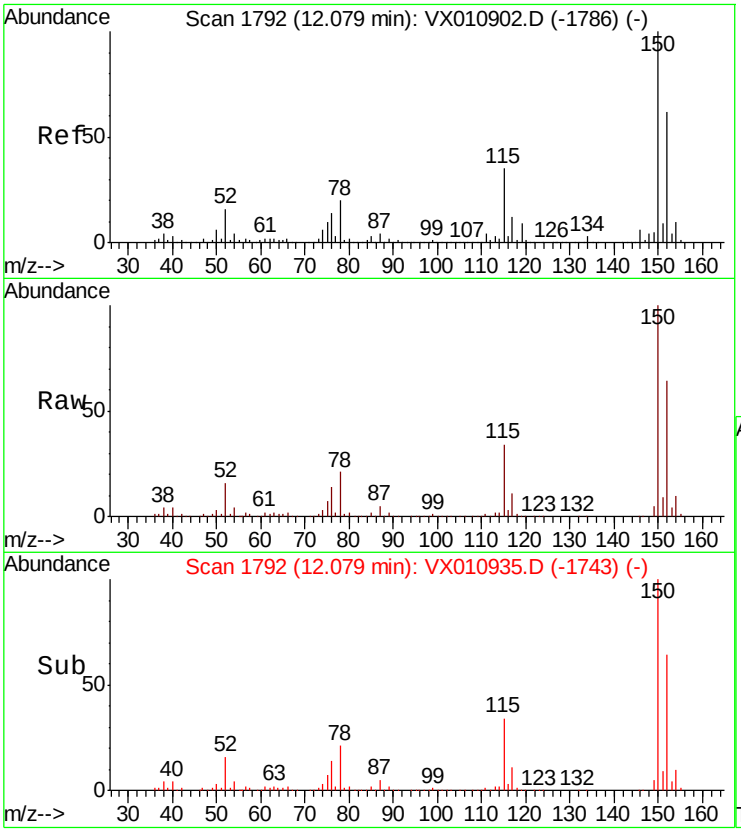




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010935.D
Acq: 17 Jul 2019 14:56

Tgt Ion:117 Resp: 312179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.5 | 42.6 | 63.8 |
| 119 | 32.7 | 25.9 | 38.9 |



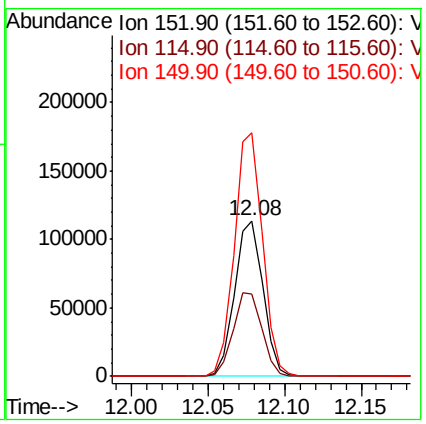


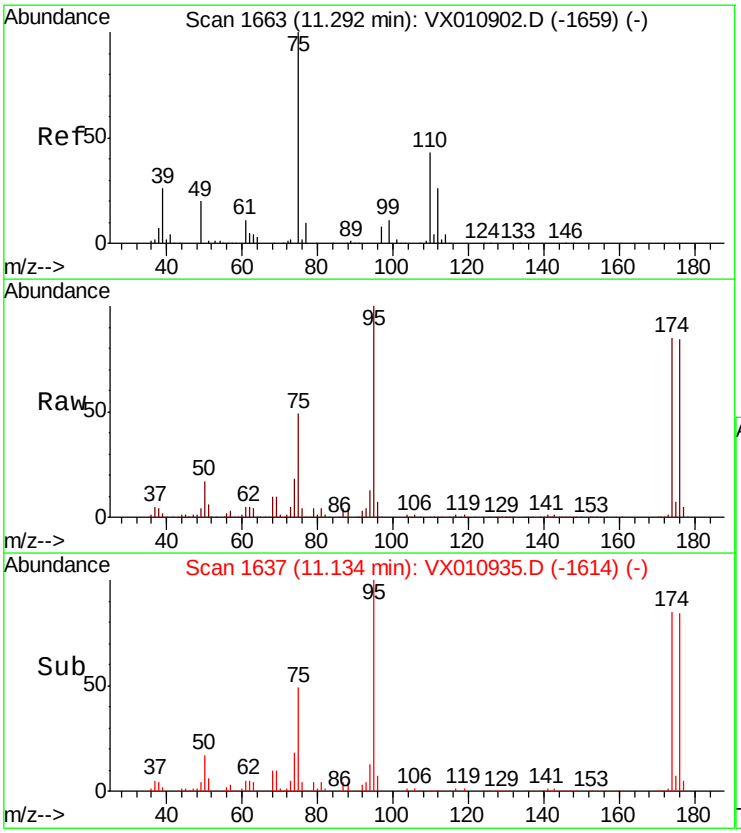

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010935.D
Acq: 17 Jul 2019 14:56

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z5-TB06-190716

Tgt Ion:152 Resp: 145903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 54.8 | 39.7 | 119.1 |
| 150 | 155.5 | 0.0 | 345.6 |

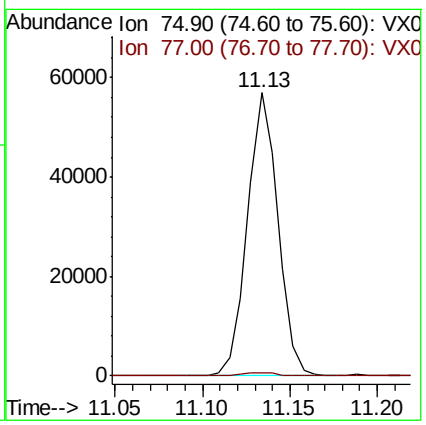


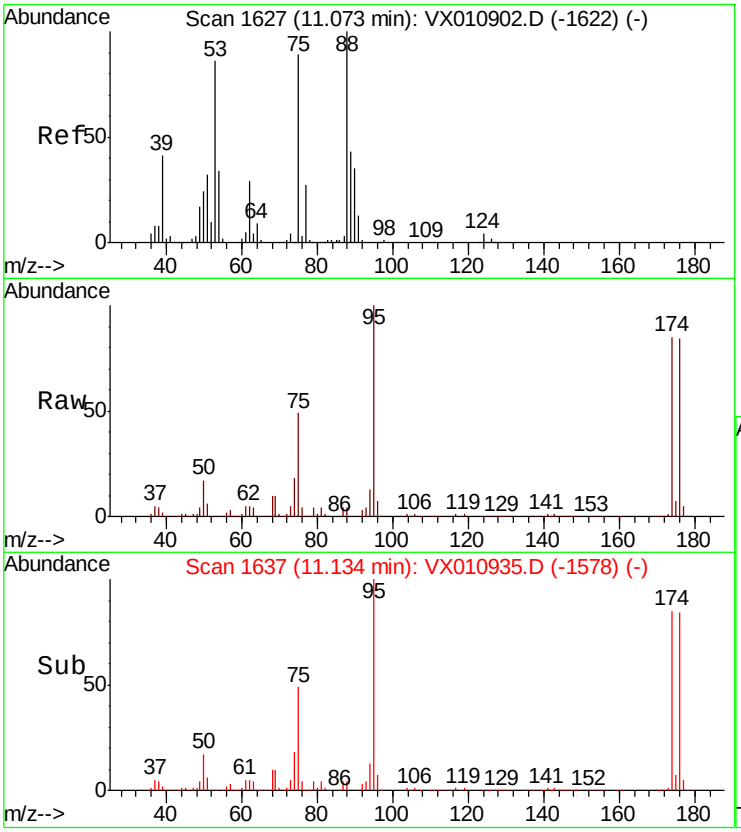




#76
1,2,3-Trichloropropane
Concen: 26.377 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010935.D
Acq: 17 Jul 2019 14:56

Tgt Ion: 75 Resp: 69447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.3 | 21.3 | 64.0# |






#81
trans-1,4-Dichloro-2-butene
Concen: 65.487 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010935.D
Acq: 17 Jul 2019 14:56

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z5-TB06-190716

Tgt Ion: 75 Resp: 69447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.1 | 76.7 | 115.1# |
| 89 | 0.0 | 38.5 | 57.7# |