Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052919\
Data File : VX009938.D
Acq On : 29 May 2019 14:29
Operator : JC/SP
Sample : K3077-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** S32-TB-2019-4

Quant Time: May 30 01:14:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

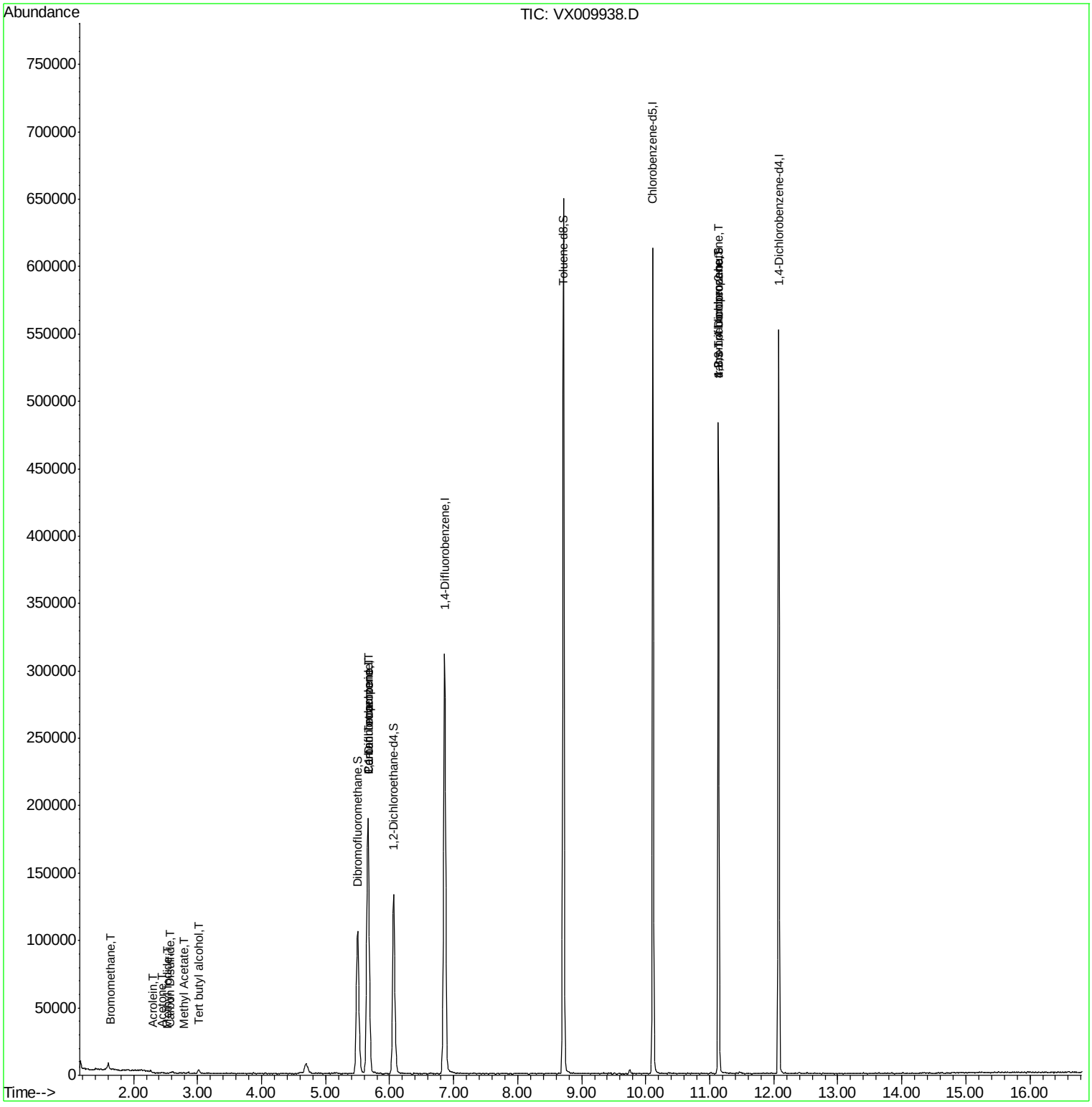
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 181611 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 295172 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 262362 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 112820 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 125279 | 48.83 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.66% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 91386 | 49.24 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.48% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 373599 | 49.58 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.16% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 122615 | 45.30 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Bromomethane | 1.65 | 94 | 350 | 0.215 | ug/l | 92 |
| 10) Methyl Iodide | 2.53 | 142 | 147 | 4.717 | ug/l # | 61 |
| 11) Tert butyl alcohol | 3.02 | 59 | 1906 | 3.019 | ug/l # | 80 |
| 13) Acrolein | 2.29 | 56 | 207 | 21.520 | ug/l # | 64 |
| 16) Acetone | 2.45 | 43 | 586 | 0.395 | ug/l # | 67 |
| 17) Carbon Disulfide | 2.57 | 76 | 699 | 0.509 | ug/l # | 89 |
| 18) Methyl Acetate | 2.78 | 43 | 758 | 0.220 | ug/l # | 68 |
| 36) 1,1-Dichloropropene | 5.66 | 75 | 14653 | 4.893 | ug/l # | 51 |
| 38) Carbon Tetrachloride | 5.66 | 117 | 17337 | 6.699 | ug/l # | 15 |
| 76) 1,2,3-Trichloropropane | 11.13 | 75 | 63914 | 23.690 | ug/l # | 34 |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75 | 63914 | 58.614 | ug/l # | 10 |

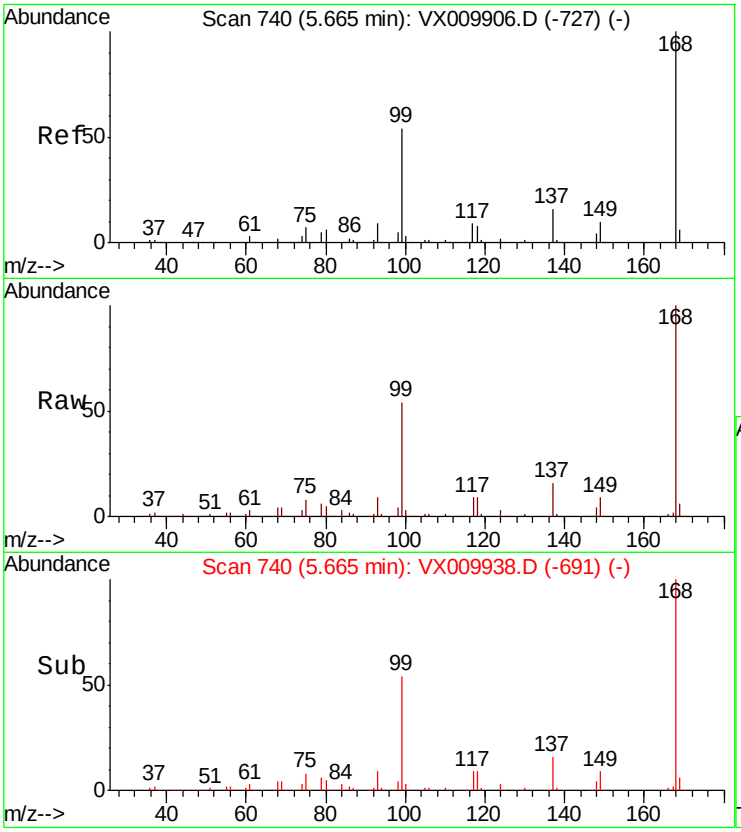
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052919\
Data File : VX009938.D
Acq On : 29 May 2019 14:29
Operator : JC/SP
Sample : K3077-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
S32-TB-2019-4

Quant Time: May 30 01:14:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration



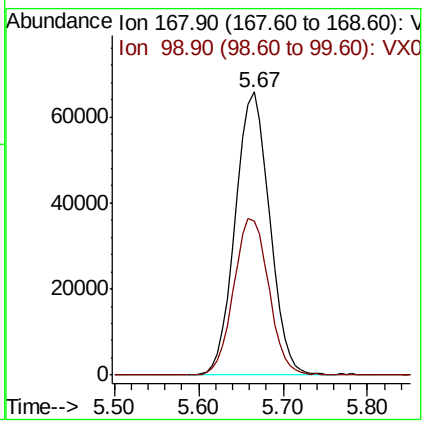


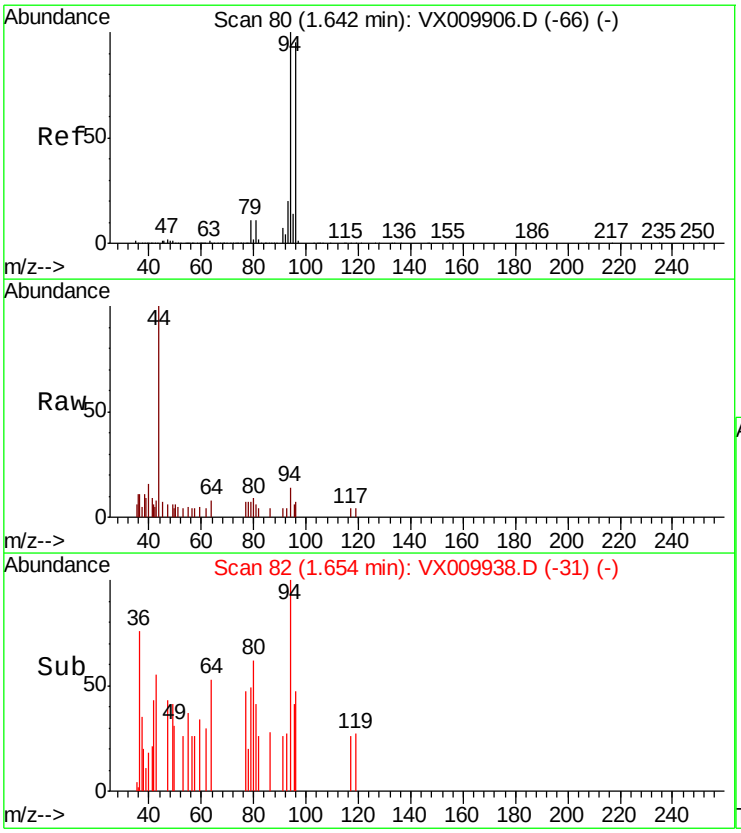

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009938.D
Acq: 29 May 2019 14:29

**Instrument :**
MSVOA_X
**ClientSampleId :**
S32-TB-2019-4

Tgt Ion:168 Resp: 181611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 54.3 | 43.0 | 64.6 |

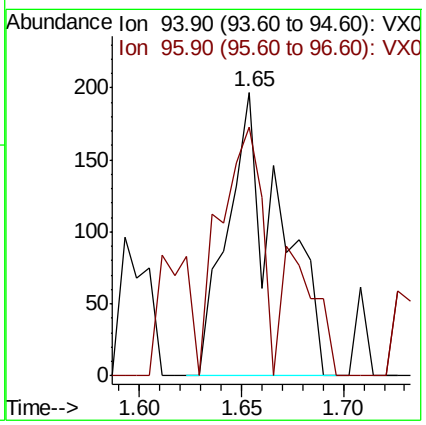


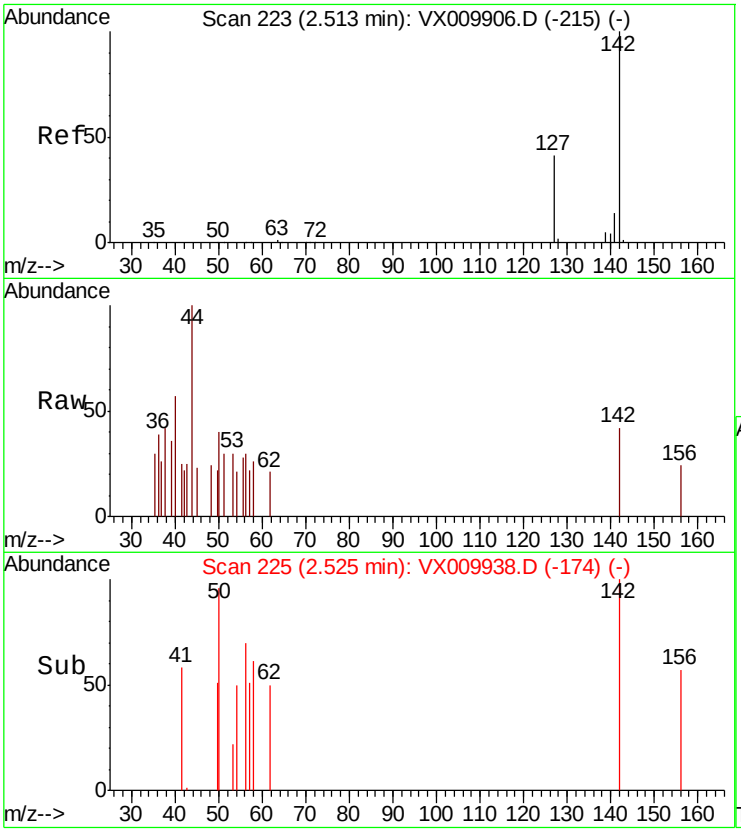




#5
Bromomethane
Concen: 0.215 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX009938.D
Acq: 29 May 2019 14:29

Tgt Ion: 94 Resp: 350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 87.8 | 76.2 | 114.4 |



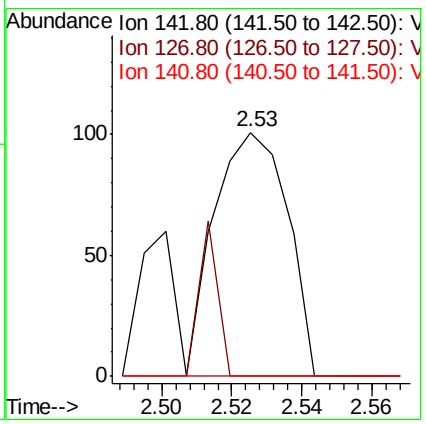


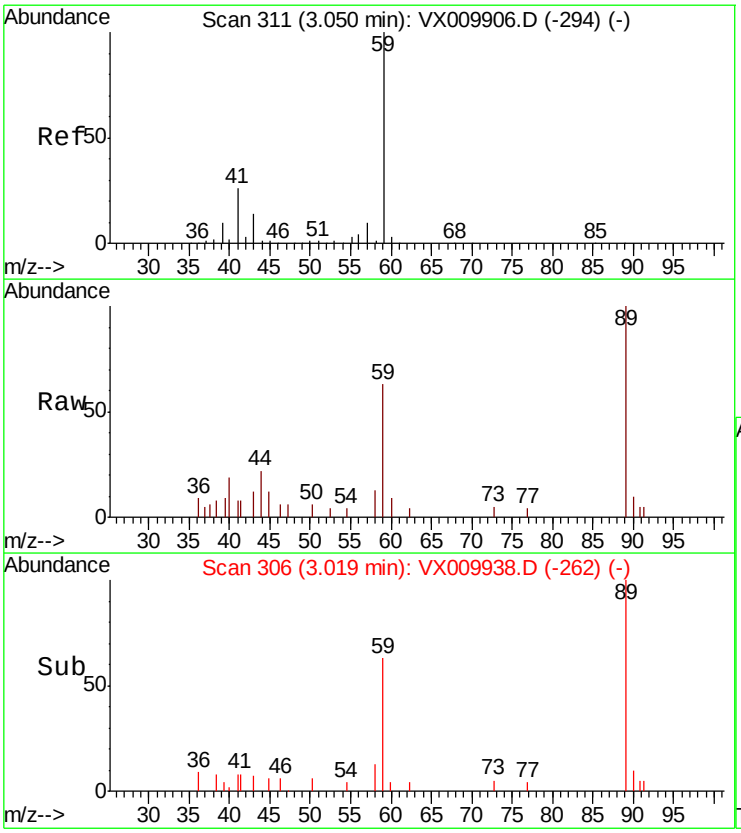

#10
Methyl Iodide
Concen: 4.717 ug/l
RT: 2.53 min Scan# 225
Delta R.T. 0.01 min
Lab File: VX009938.D
Acq: 29 May 2019 14:29

**Instrument :** MSVOA_X
**ClientSampleId :** S32-TB-2019-4

Tgt Ion:142 Resp: 147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 15.6 | 33.0 | 49.4# |
| 141 | 0.0 | 11.4 | 17.0# |

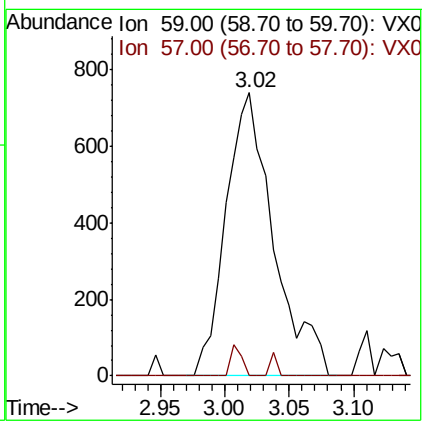


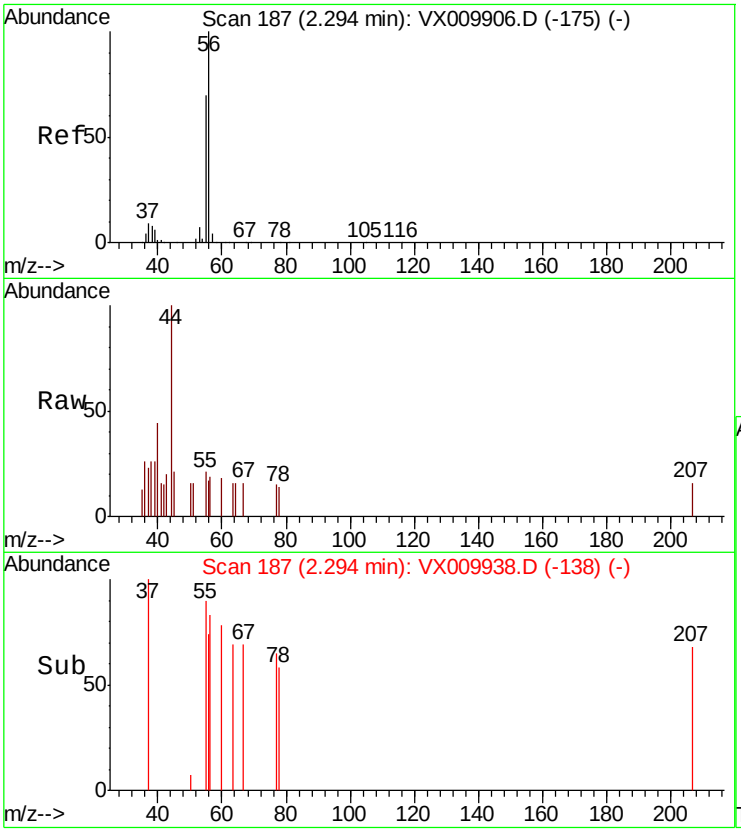




#11
Tert butyl alcohol
Concen: 3.019 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX009938.D
Acq: 29 May 2019 14:29

Tgt Ion: 59 Resp: 1906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 2.6 | 8.2 | 12.2# |



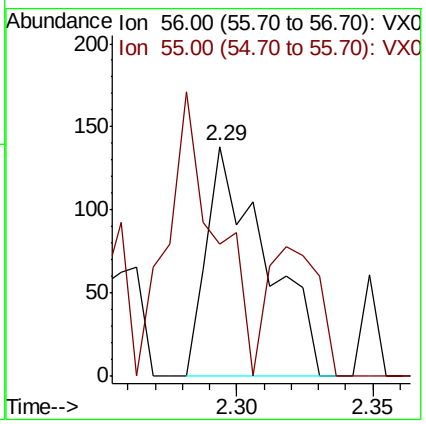


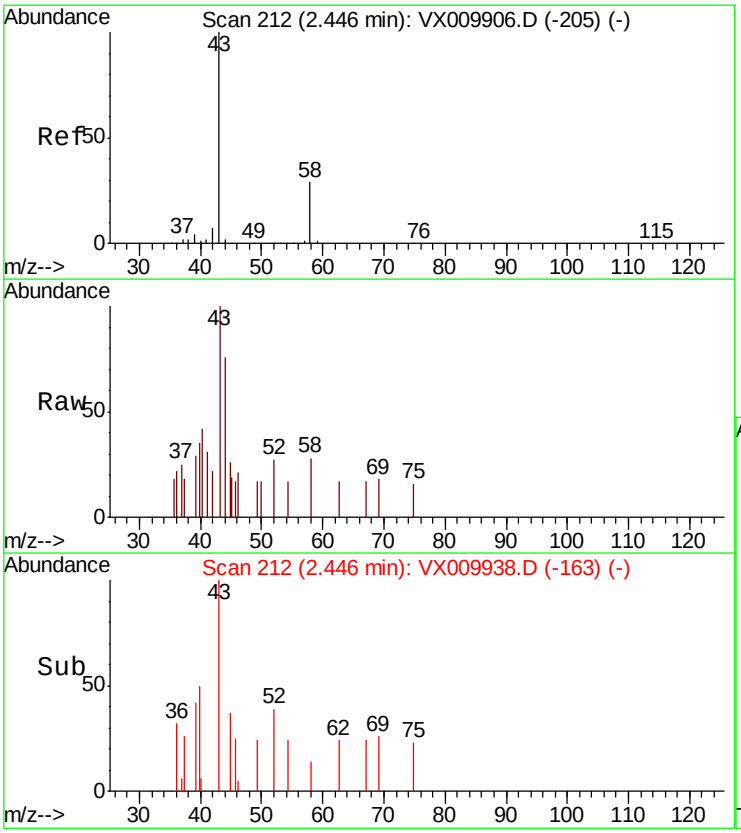

#13
Acrolein
Concen: 21.520 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX009938.D
Acq: 29 May 2019 14:29

**Instrument :**
MSVOA_X
**ClientSampleId :**
S32-TB-2019-4

Tgt Ion: 56 Resp: 207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 101.0 | 57.0 | 85.4# |

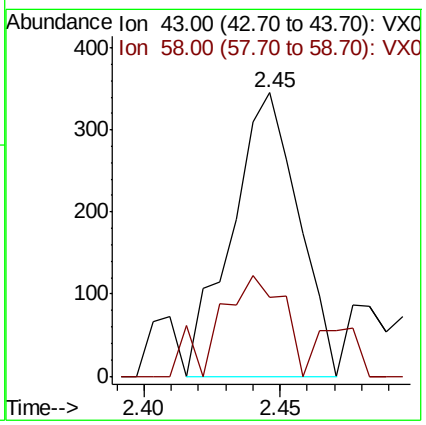


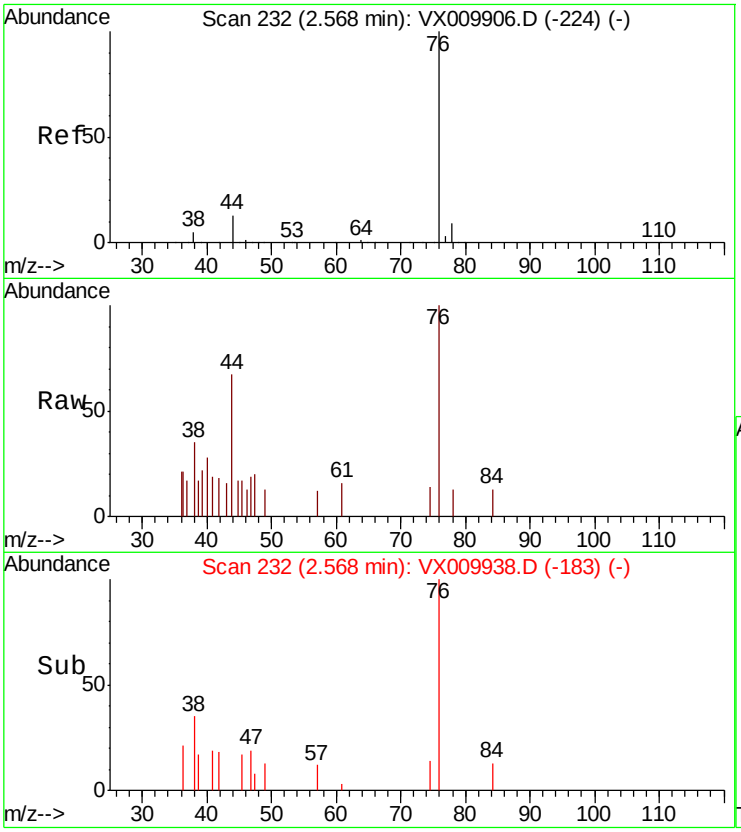




#16
Acetone
Concen: 0.395 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX009938.D
Acq: 29 May 2019 14:29

Tgt Ion: 43 Resp: 586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 11.6 | 23.2 | 34.8# |



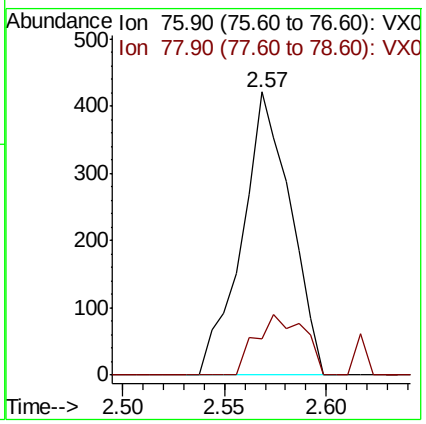


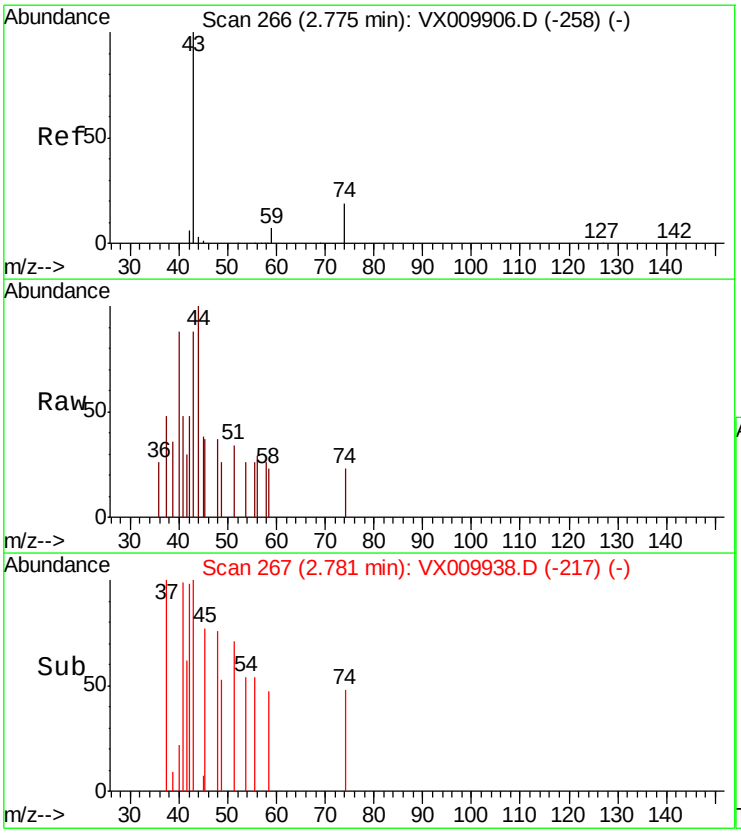

#17
Carbon Disulfide
Concen: 0.509 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009938.D
Acq: 29 May 2019 14:29

**Instrument :**
MSVOA_X
**ClientSampleId :**
S32-TB-2019-4

Tgt Ion: 76 Resp: 699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 12.8 | 7.0 | 10.6# |

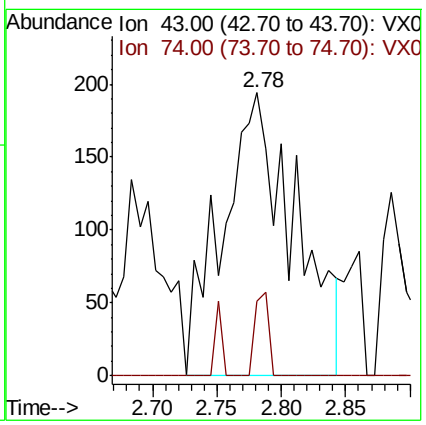


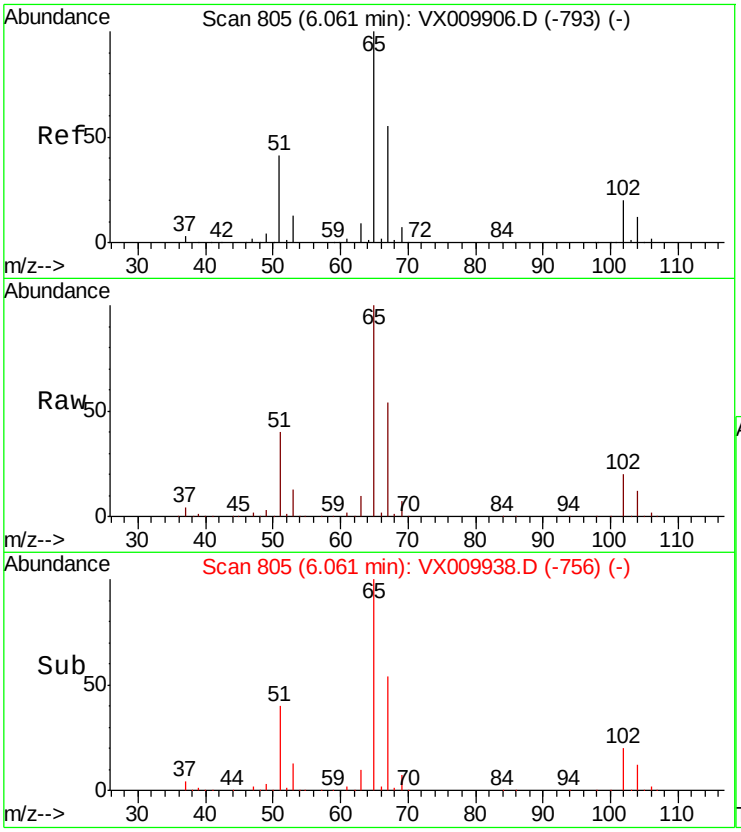




#18
Methyl Acetate
Concen: 0.220 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX009938.D
Acq: 29 May 2019 14:29

Tgt Ion: 43 Resp: 758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 5.3 | 15.8 | 23.6# |



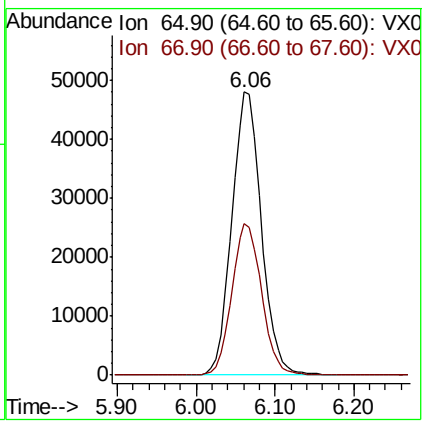


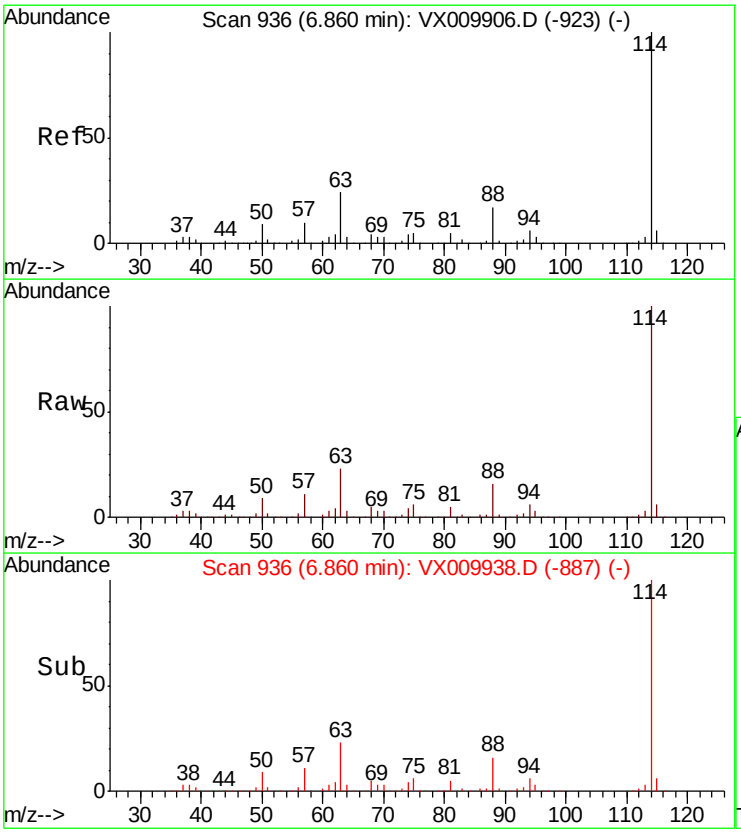

#33
1,2-Dichloroethane-d4
Concen: 48.834 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009938.D
Acq: 29 May 2019 14:29

**Instrument :**
MSVOA_X
**ClientSampleId :**
S32-TB-2019-4

Tgt Ion: 65 Resp: 125279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.9 | 0.0 | 108.4 |

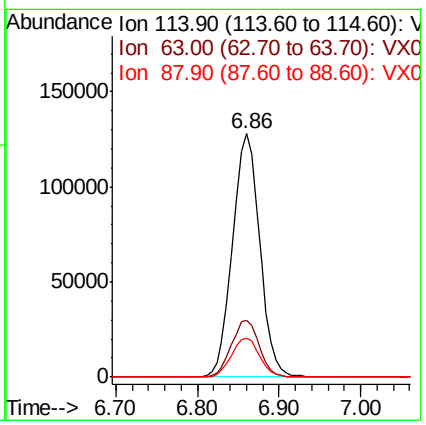


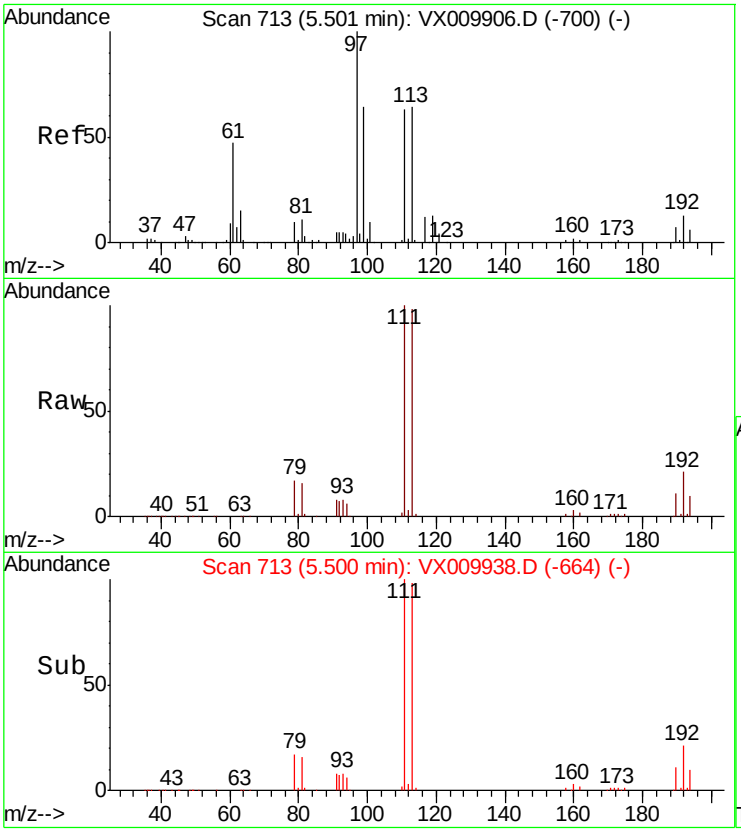




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009938.D
Acq: 29 May 2019 14:29

Tgt Ion:114 Resp: 295172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.1 | 0.0 | 47.4 |
| 88 | 15.8 | 0.0 | 33.0 |



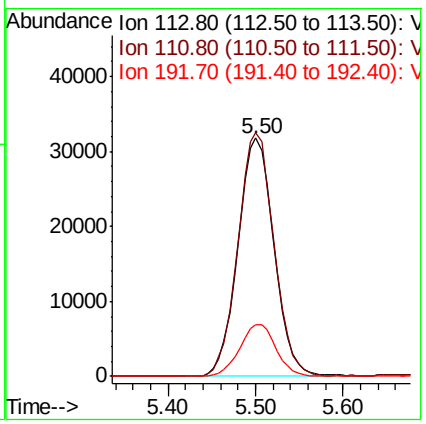


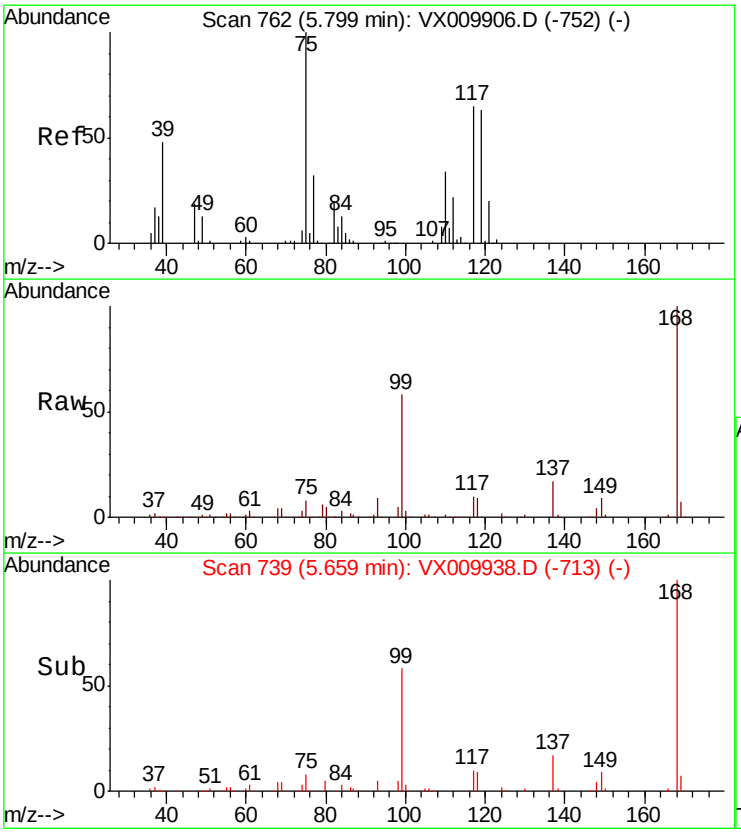

#35
Dibromofluoromethane
Concen: 49.245 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX009938.D
Acq: 29 May 2019 14:29

**Instrument :**
MSVOA_X
**ClientSampleId :**
S32-TB-2019-4

Tgt Ion:113 Resp: 91386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.8 | 82.2 | 123.2 |
| 192 | 21.7 | 17.1 | 25.7 |

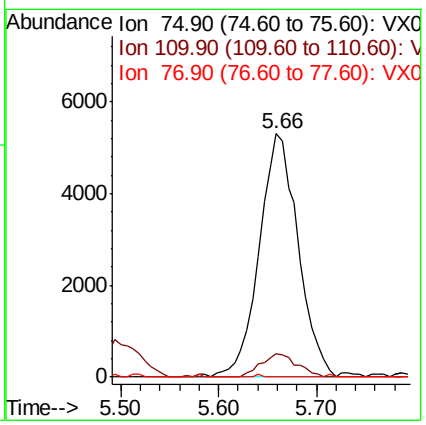


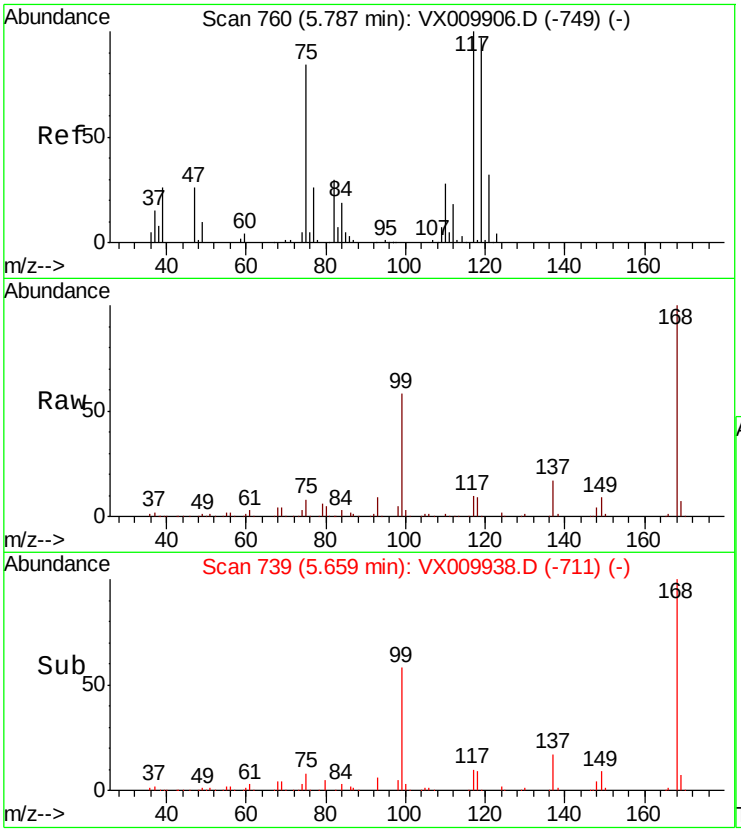




#36
1,1-Dichloropropene
Concen: 4.893 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX009938.D
Acq: 29 May 2019 14:29

Tgt Ion: 75 Resp: 14653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.0 | 16.7 | 50.1# |
| 77 | 0.1 | 25.0 | 37.4# |



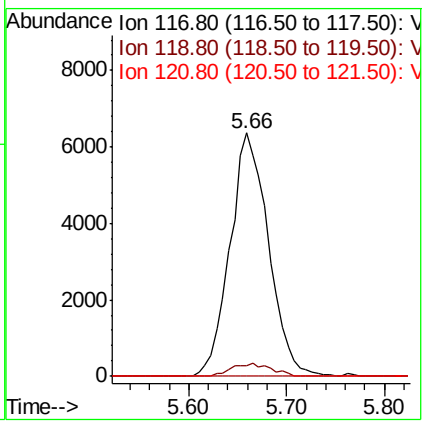


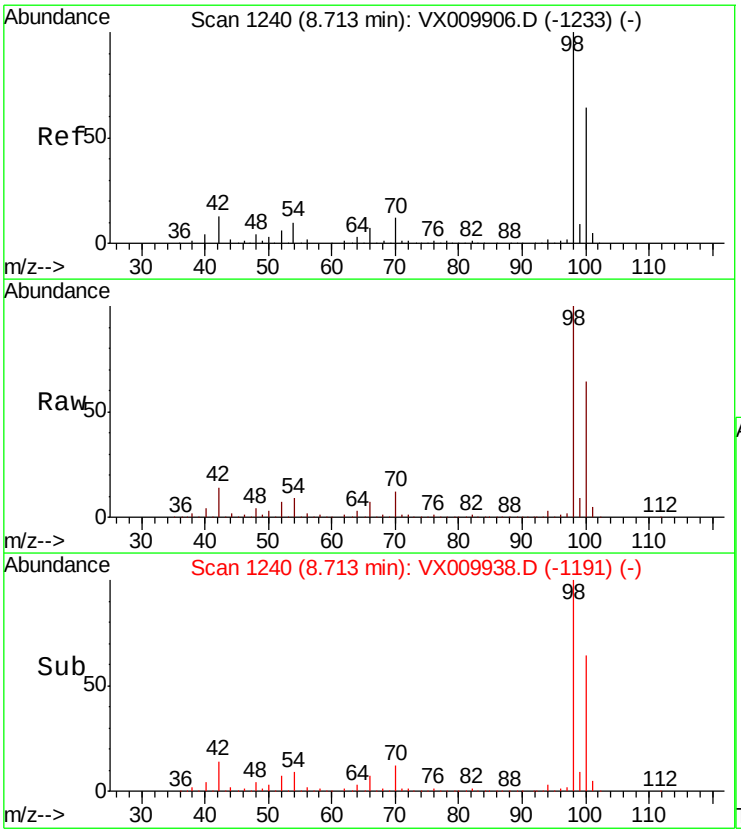

#38
Carbon Tetrachloride
Concen: 6.699 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX009938.D
Acq: 29 May 2019 14:29

**Instrument :**
MSVOA_X
**ClientSampleId :**
S32-TB-2019-4

Tgt Ion:117 Resp: 17337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.3 | 77.3 | 115.9# |
| 121 | 0.0 | 25.4 | 38.0# |

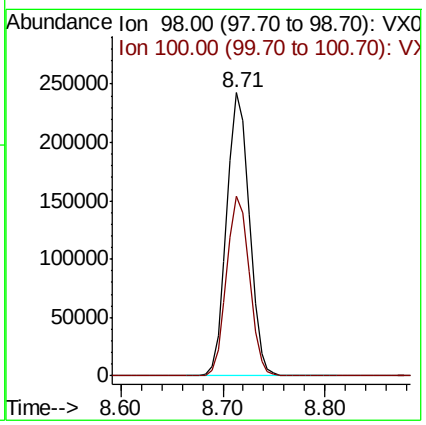


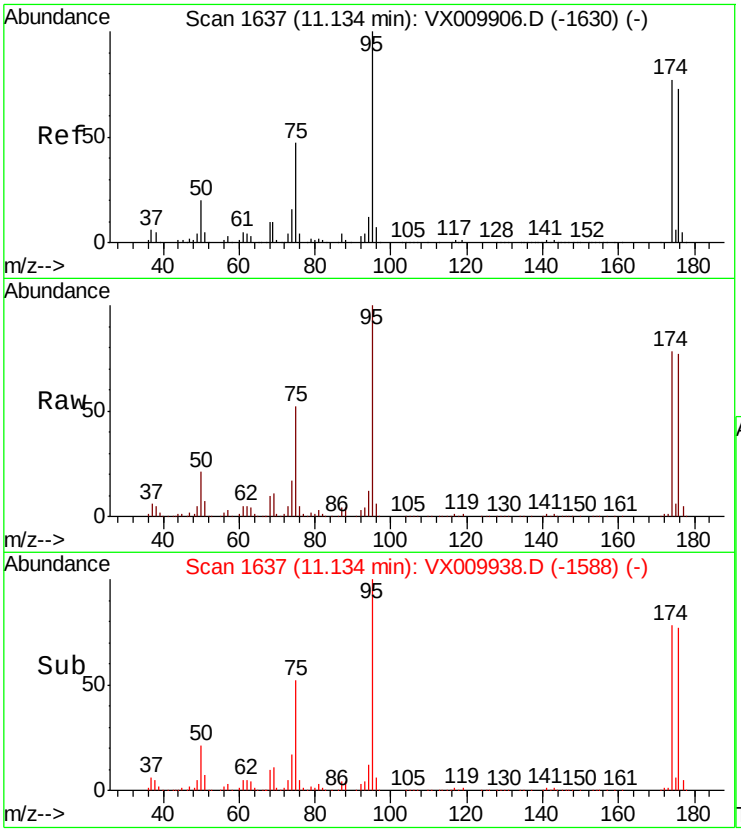




#50
Toluene-d8
Concen: 49.576 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009938.D
Acq: 29 May 2019 14:29

Tgt Ion: 98 Resp: 373599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.8 | 51.5 | 77.3 |



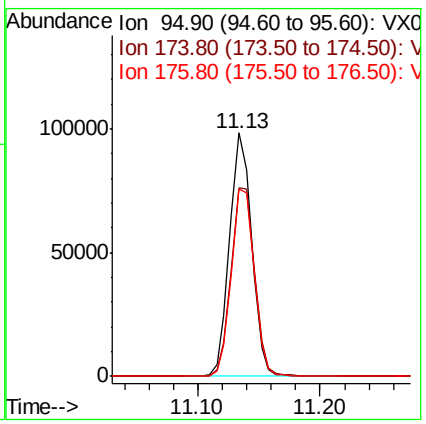


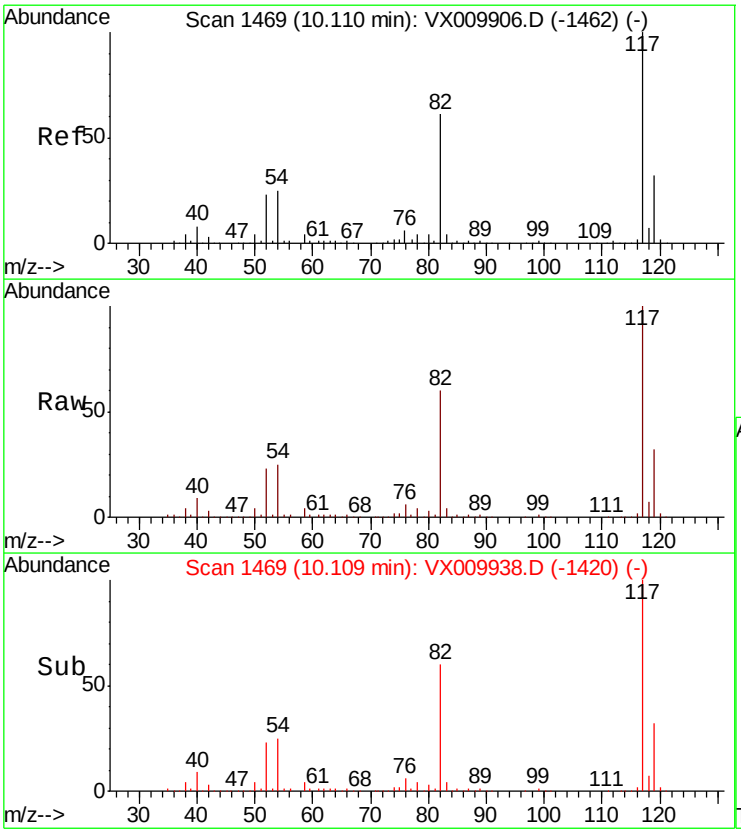

#62
4-Bromofluorobenzene
Concen: 45.300 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009938.D
Acq: 29 May 2019 14:29

**Instrument :**
MSVOA_X
**ClientSampleId :**
S32-TB-2019-4

Tgt Ion: 95 Resp: 122615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 81.9 | 0.0 | 160.4 |
| 176 | 79.8 | 0.0 | 154.6 |

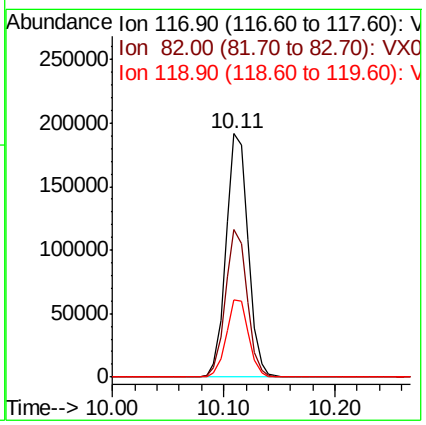


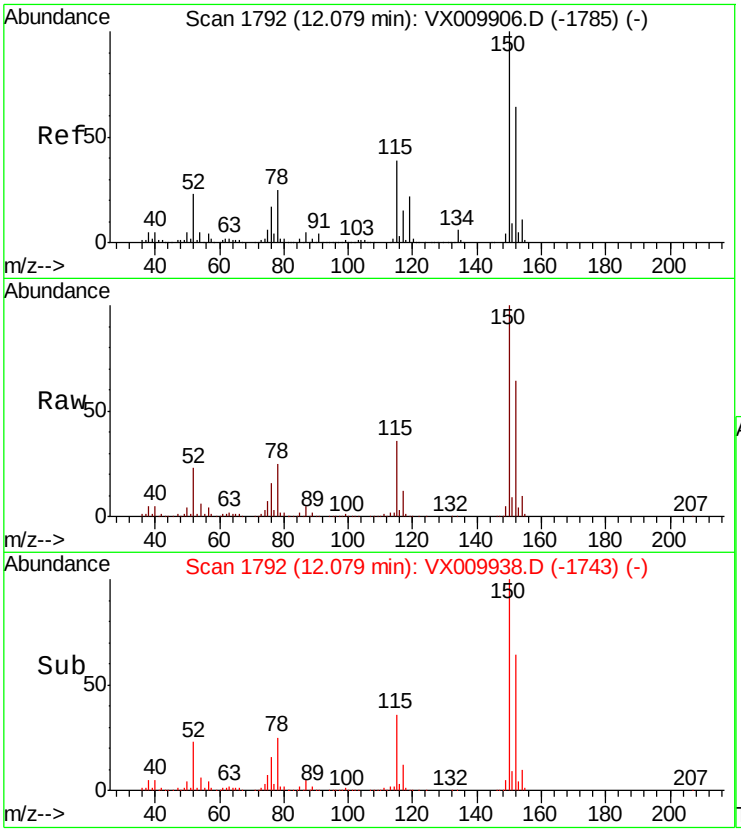




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009938.D
Acq: 29 May 2019 14:29

Tgt Ion:117 Resp: 262362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 60.4 | 49.2 | 73.8 |
| 119 | 31.7 | 25.2 | 37.8 |



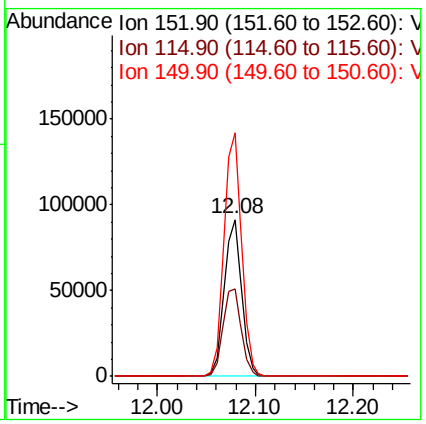


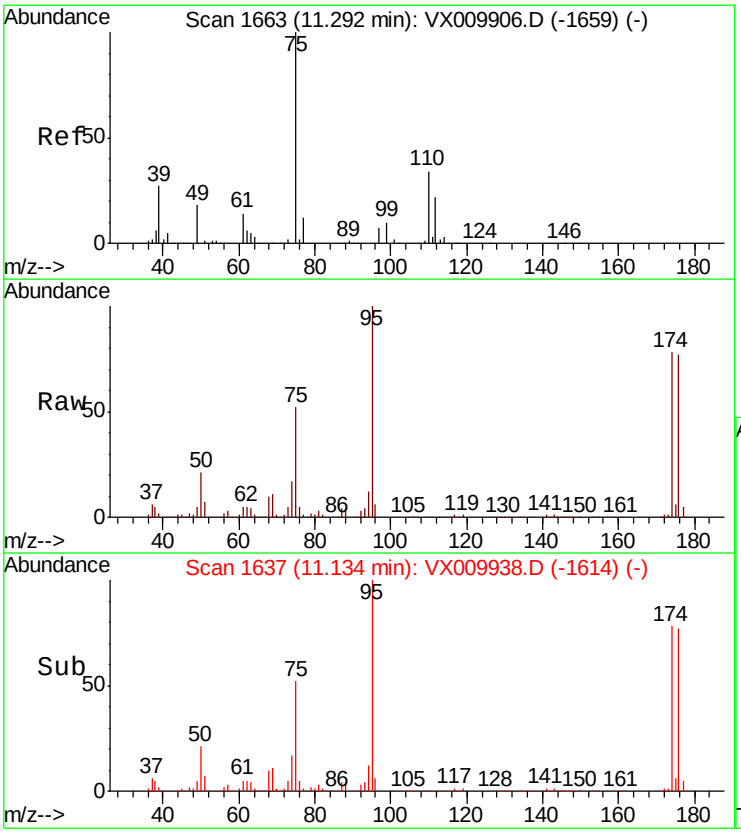

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009938.D
Acq: 29 May 2019 14:29

**Instrument :**
MSVOA_X
**ClientSampleId :**
S32-TB-2019-4

Tgt Ion:152 Resp: 112820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 58.4 | 41.4 | 124.2 |
| 150 | 157.4 | 0.0 | 345.2 |

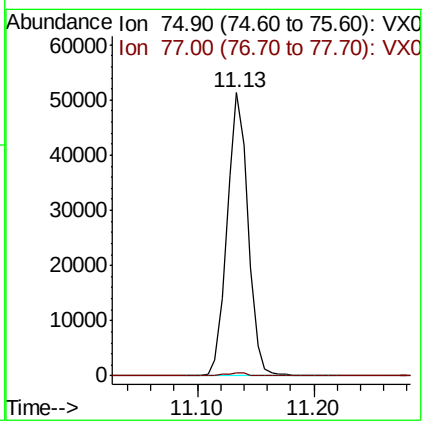


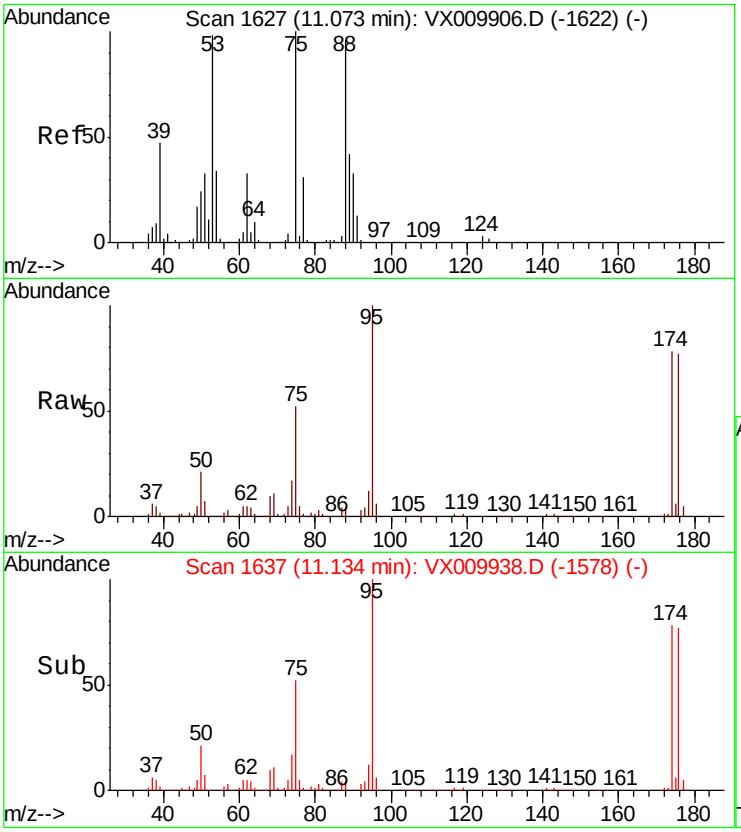




#76
1,2,3-Trichloropropane
Concen: 23.690 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009938.D
Acq: 29 May 2019 14:29

Tgt Ion: 75 Resp: 63914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.2 | 22.1 | 66.1# |






#81
trans-1,4-Dichloro-2-butene
Concen: 58.614 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009938.D
Acq: 29 May 2019 14:29

**Instrument :**
MSVOA_X
**ClientSampleId :**
S32-TB-2019-4

Tgt Ion: 75 Resp: 63914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.2 | 79.8 | 119.6# |
| 89 | 0.0 | 34.2 | 51.4# |