Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042418\

Quantitation Report (Not Reviewed)

Data File : VX001078.D
Acq On : 24 Apr 2018 15:55
Operator : JC/MD
Sample : VX0424WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VX0424WBL01

Quant Time: Apr 25 07:17:43 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 249109 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.87 | 114 | 347229 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 318929 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152 | 189006 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 185278 | 58.67 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 117.34% | | |
| 35) Dibromofluoromethane | 5.51 | 113 | 141069 | 53.28 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 106.56% | | |
| 50) Toluene-d8 | 8.72 | 98 | 546304 | 55.80 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 111.60% | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 199229 | 48.49 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 96.98% | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Bromomethane | 1.64 | 94 | 166 | Below Cal | # | 2 |
| 10) Methyl Iodide | 2.51 | 142 | 45 | 7.61 | ug/l # | 41 |
| 13) Acrolein | 2.29 | 56 | 68 | 11.37 | ug/l # | 1 |
| 15) Acrylonitrile | 3.15 | 53 | 339 | 0.26 | ug/l # | 55 |
| 16) Acetone | 2.45 | 43 | 344 | 0.29 | ug/l # | 12 |
| 20) Methylene Chloride | 2.86 | 84 | 2314 | Below Cal | | 88 |
| 29) Tetrahydrofuran | 5.17 | 42 | 275 | 0.23 | ug/l # | 34 |
| 31) Cyclohexane | 5.67 | 56 | 4300 | 0.97 | ug/l # | 3 |
| 36) 1,1-Dichloropropene | 5.67 | 75 | 15152 | 3.71 | ug/l # | 50 |
| 38) Carbon Tetrachloride | 5.67 | 117 | 21802 | 5.28 | ug/l # | 16 |
| 76) 1,2,3-Trichloropropane | 11.14 | 75 | 101457 | 30.94 | ug/l # | 38 |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75 | 101457 | 92.03 | ug/l # | 8 |

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

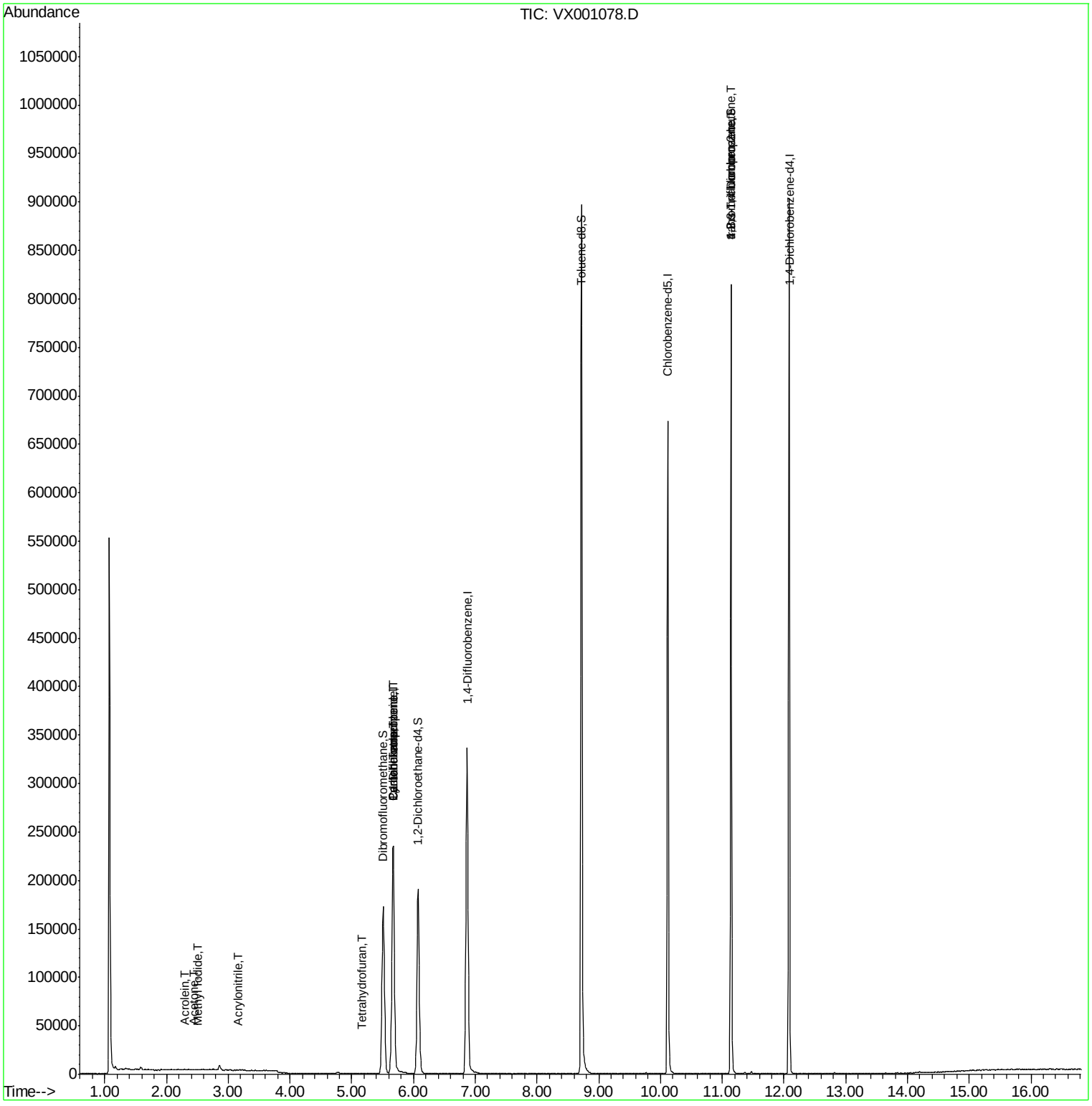
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042418\

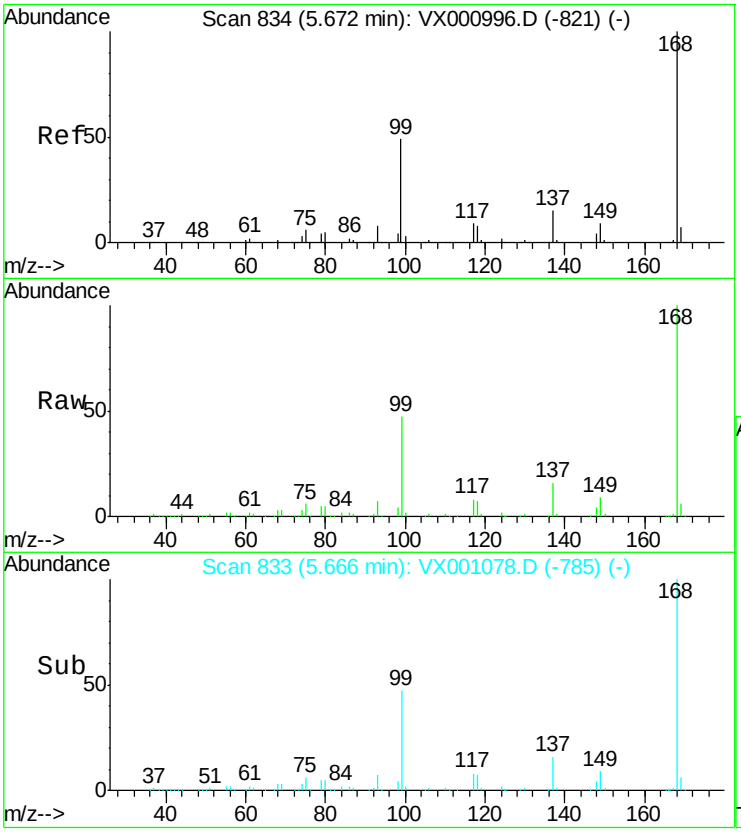
Quantitation Report (Not Reviewed)

Data File : VX001078.D
Acq On : 24 Apr 2018 15:55
Operator : JC/MD
Sample : VX0424WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VX0424WBL01

Quant Time: Apr 25 07:17:43 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration



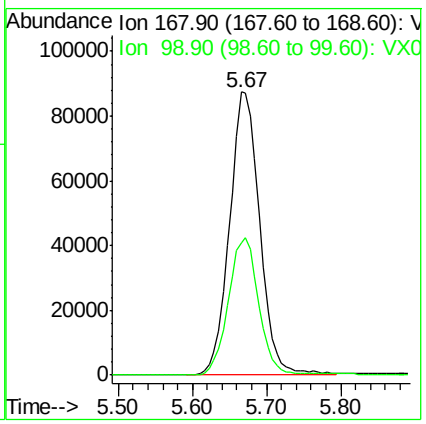


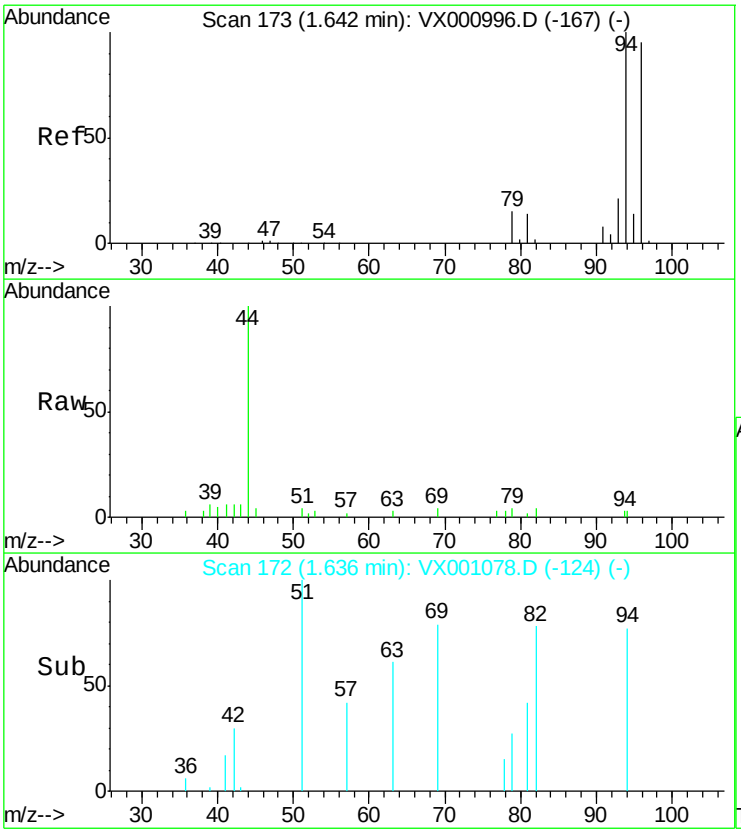

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX001078.D
Acq: 24 Apr 2018 15:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0424WBL01

Tgt Ion:168 Resp: 249109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 47.0 | 39.2 | 58.8 |

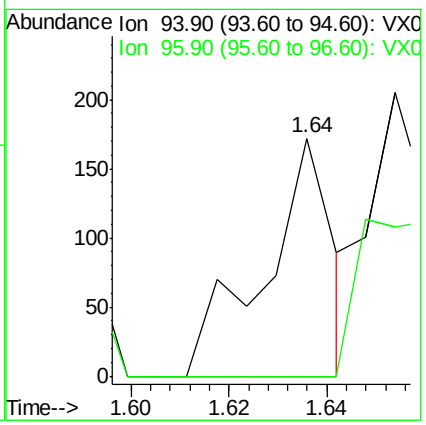


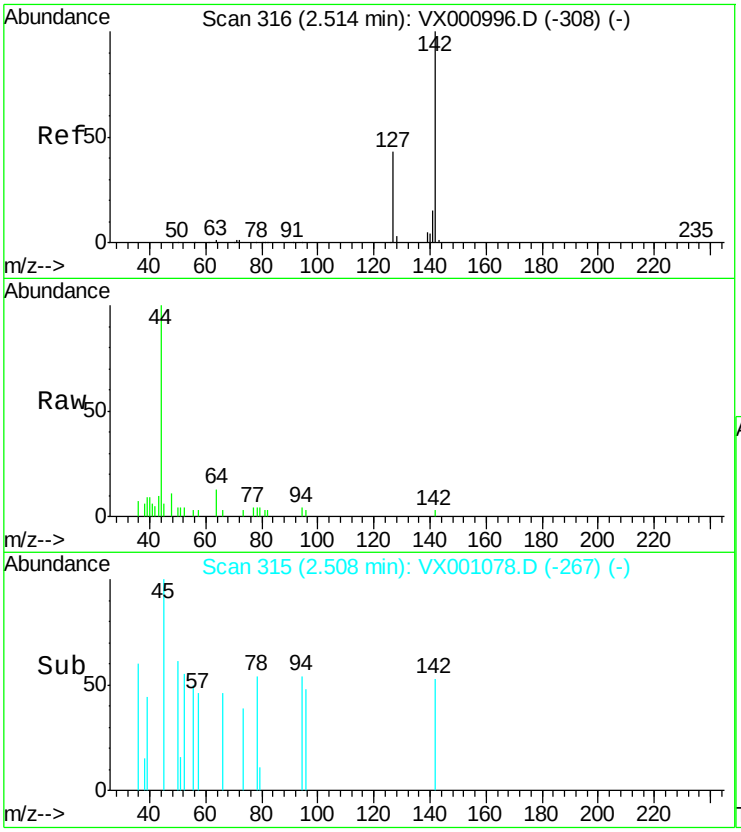




#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 172
Delta R.T. -0.01 min
Lab File: VX001078.D
Acq: 24 Apr 2018 15:55

Tgt Ion: 94 Resp: 166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 0.0 | 76.0 | 114.0# |



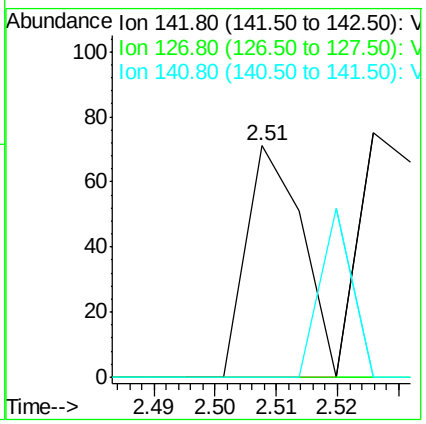


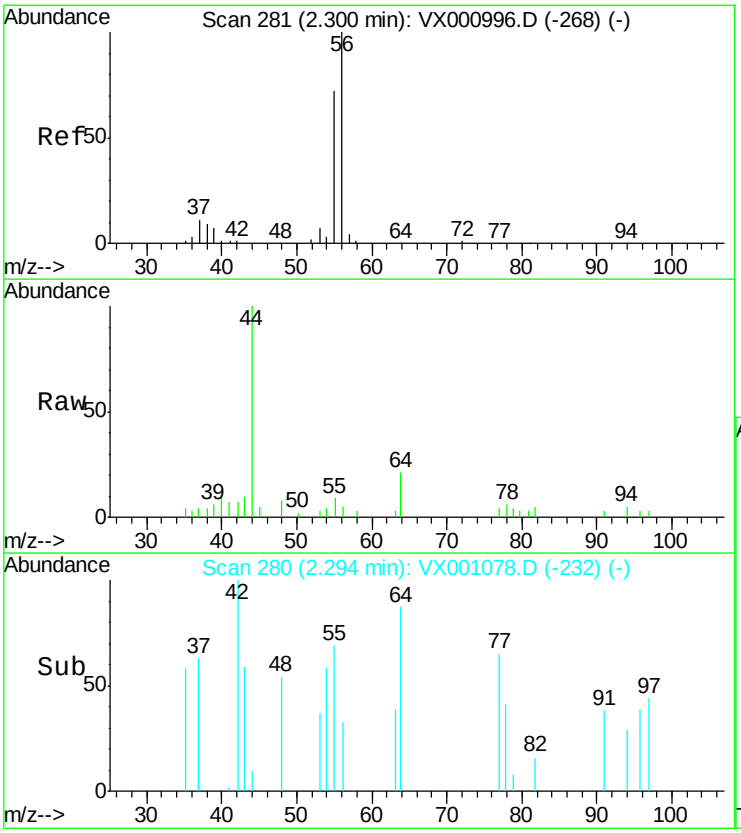

#10
Methyl Iodide
Concen: 7.61 ug/l
RT: 2.51 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX001078.D
Acq: 24 Apr 2018 15:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0424WBL01

Tgt Ion:142 Resp: 45

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 0.0 | 34.0 | 51.0# |
| 141 | 0.0 | 11.4 | 17.2# |

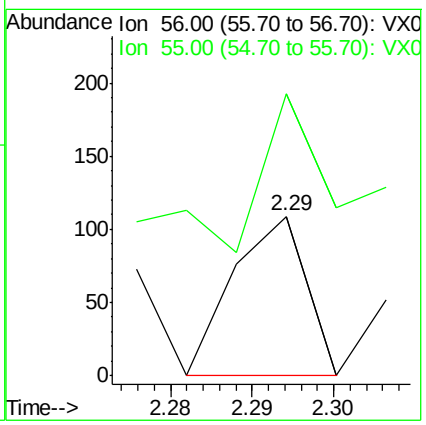


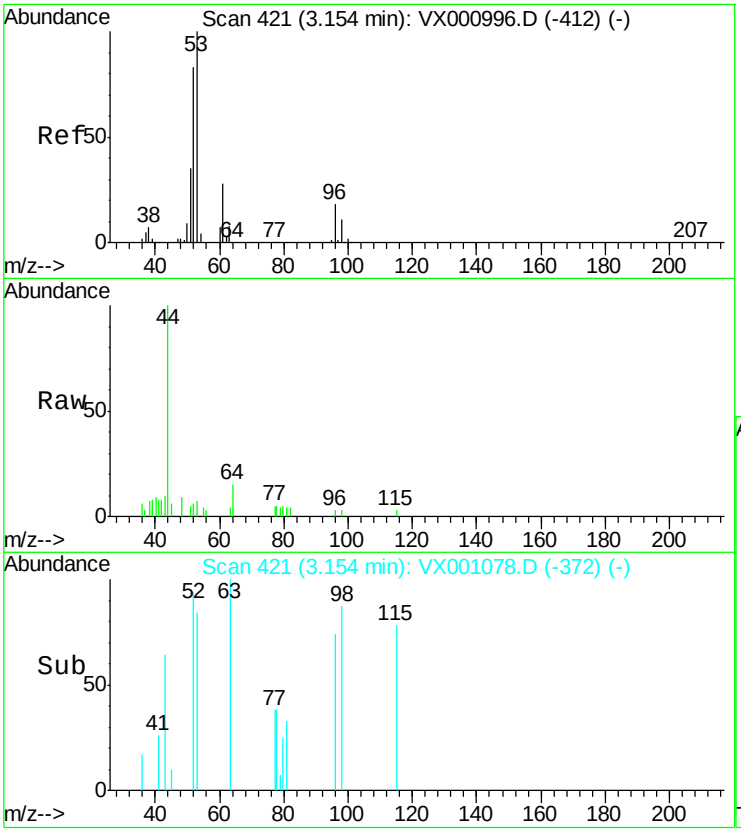




#13
Acrolein
Concen: 11.37 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX001078.D
Acq: 24 Apr 2018 15:55

Tgt Ion: 56 Resp: 68

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 201.5 | 57.4 | 86.2# |



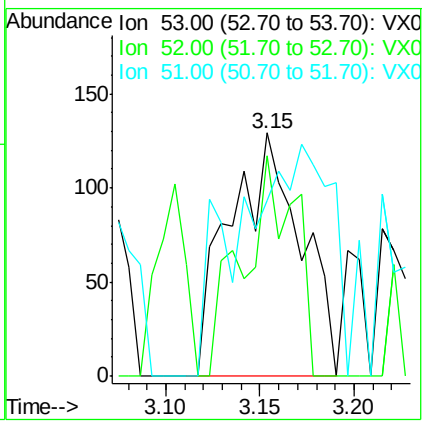


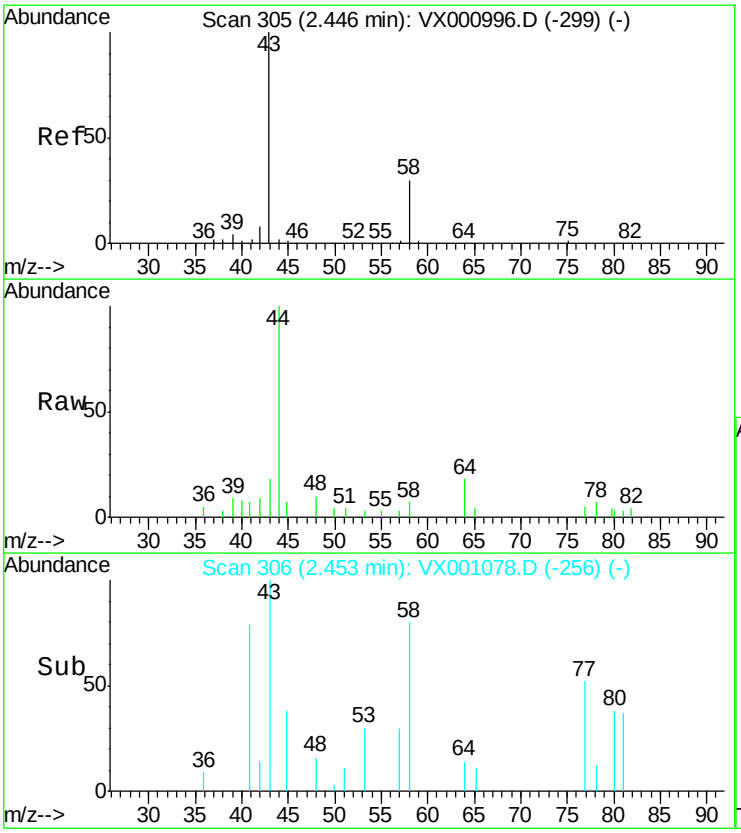

#15
Acrylonitrile
Concen: 0.26 ug/l
RT: 3.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: VX001078.D
Acq: 24 Apr 2018 15:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0424WBL01

Tgt Ion: 53 Resp: 339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 66.4 | 66.4 | 99.6# |
| 51 | 98.5 | 29.0 | 43.6# |

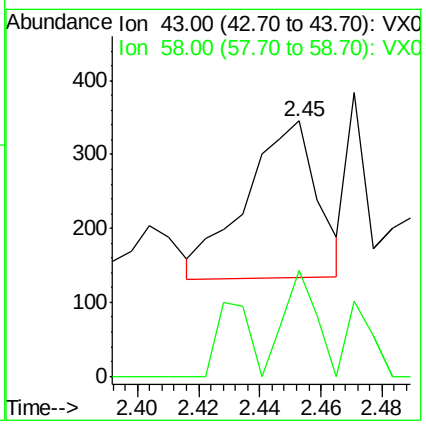


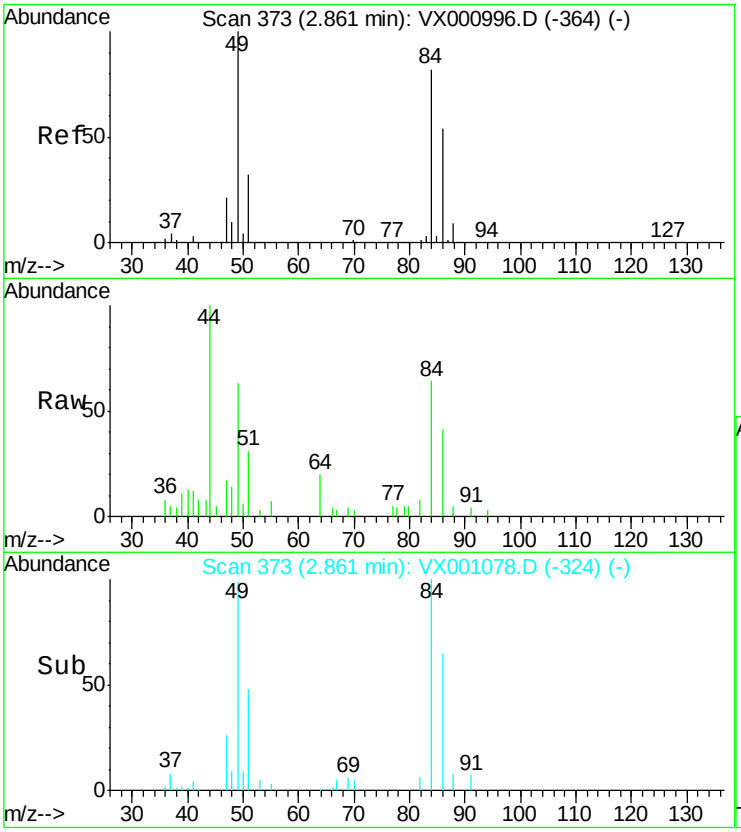




#16
Acetone
Concen: 0.29 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.01 min
Lab File: VX001078.D
Acq: 24 Apr 2018 15:55

Tgt Ion: 43 Resp: 344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 76.9 | 23.7 | 35.5# |



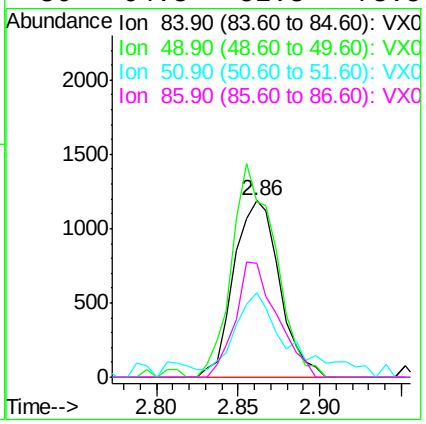


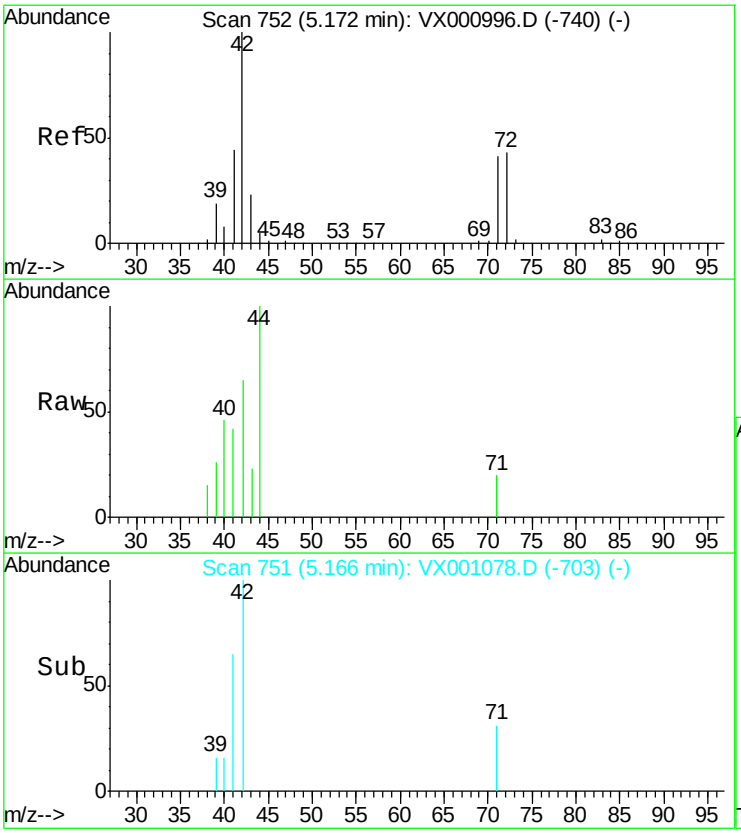

#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001078.D
Acq: 24 Apr 2018 15:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0424WBL01

Tgt Ion: 84 Resp: 2314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 99.1 | 97.1 | 145.7 |
| 51 | 41.4 | 30.8 | 46.2 |
| 86 | 64.8 | 52.3 | 78.5 |

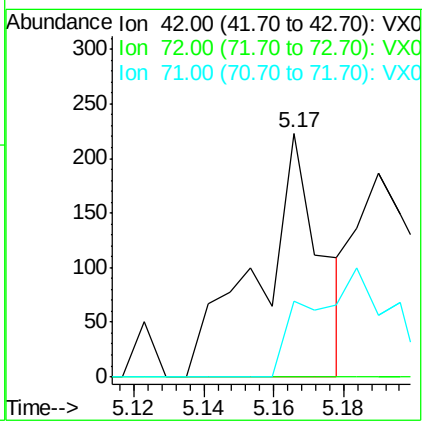


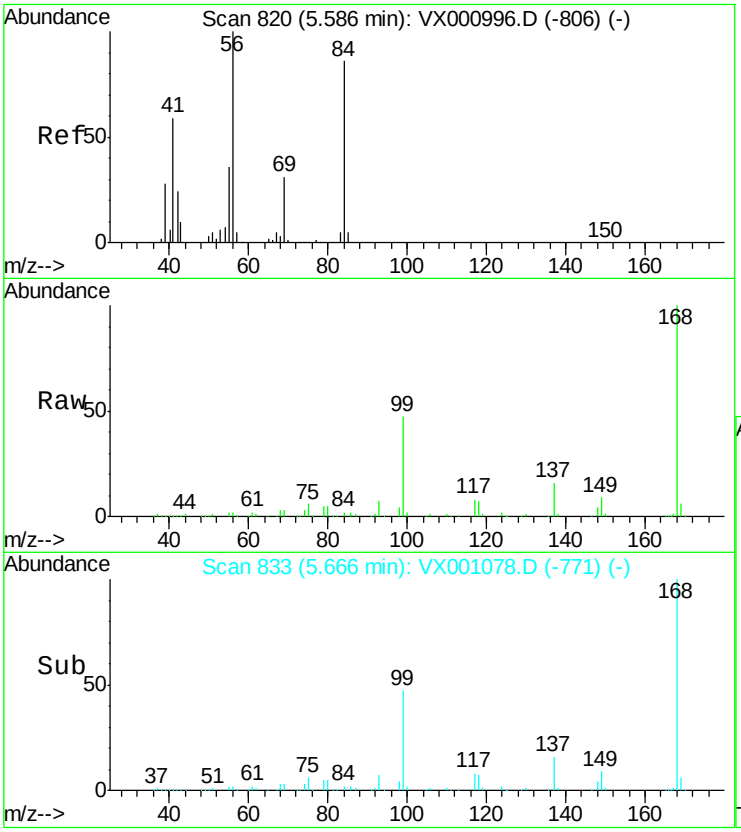




#29
Tetrahydrofuran
Concen: 0.23 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX001078.D
Acq: 24 Apr 2018 15:55

Tgt Ion: 42 Resp: 275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 0.0 | 34.6 | 52.0# |
| 71 | 0.0 | 32.6 | 49.0# |



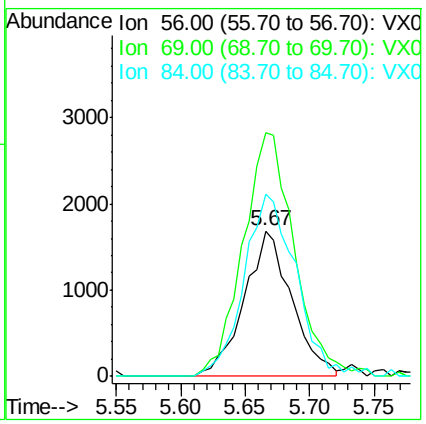


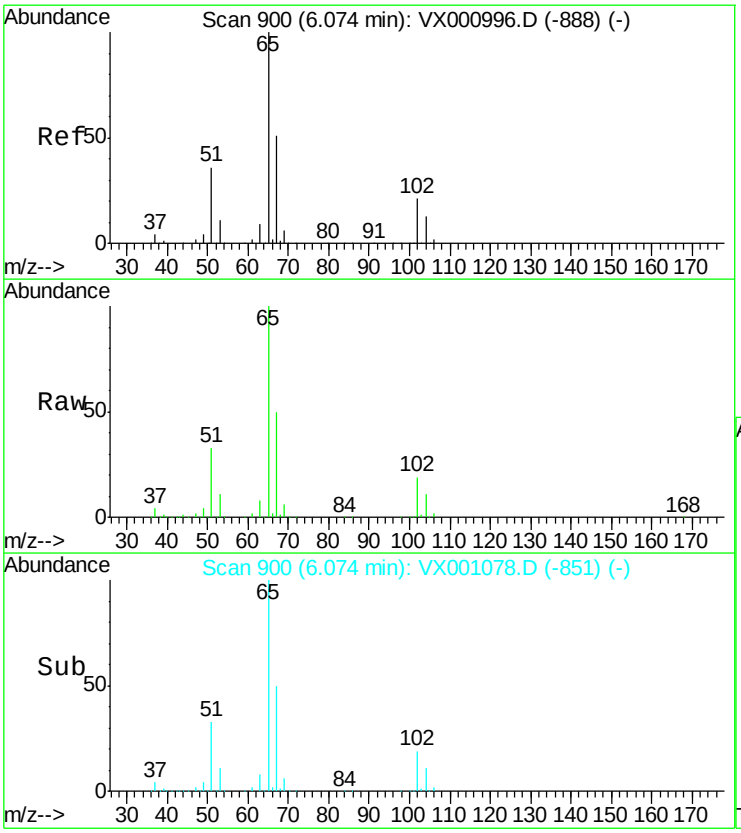

#31
Cyclohexane
Concen: 0.97 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.08 min
Lab File: VX001078.D
Acq: 24 Apr 2018 15:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0424WBL01

Tgt Ion: 56 Resp: 4300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 167.5 | 24.6 | 36.8# |
| 84 | 125.0 | 69.0 | 103.6# |

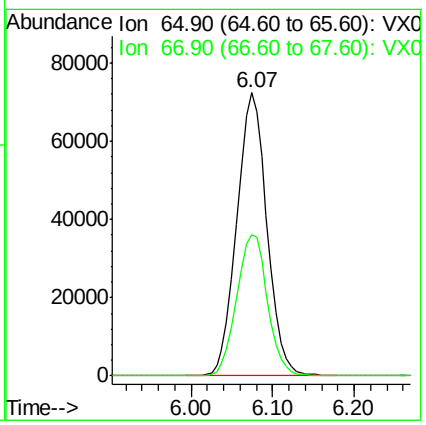


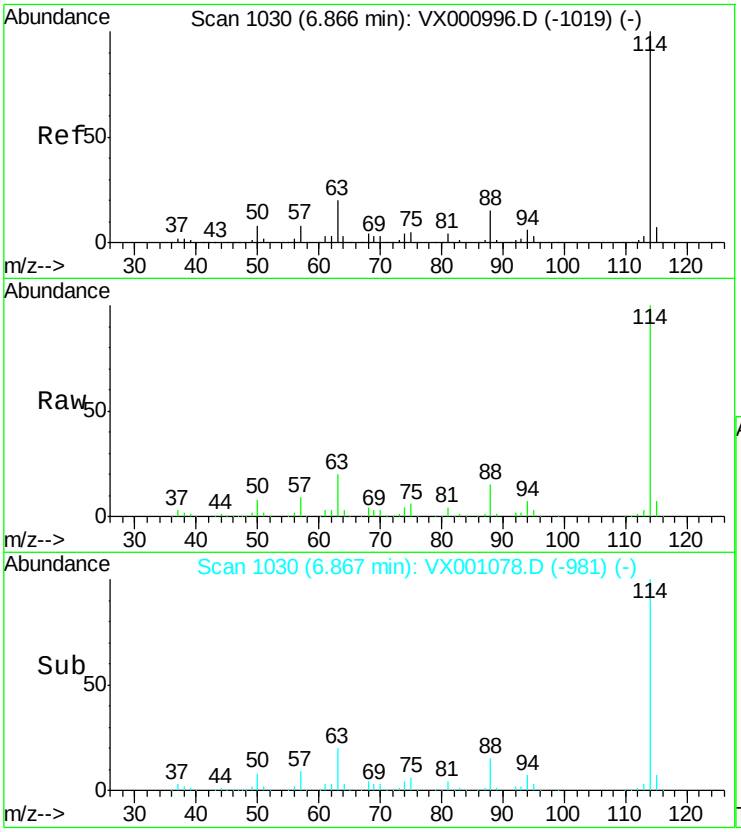




#33
1,2-Dichloroethane-d4
Concen: 58.67 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001078.D
Acq: 24 Apr 2018 15:55

Tgt Ion: 65 Resp: 185278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.0 | 0.0 | 102.6 |



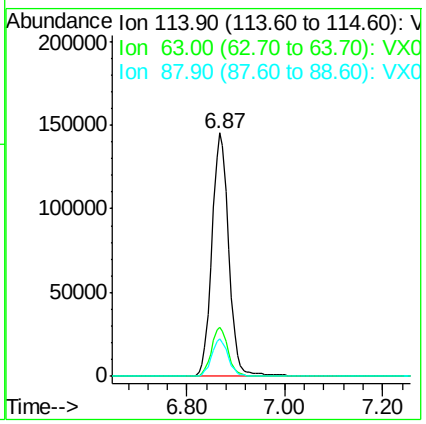


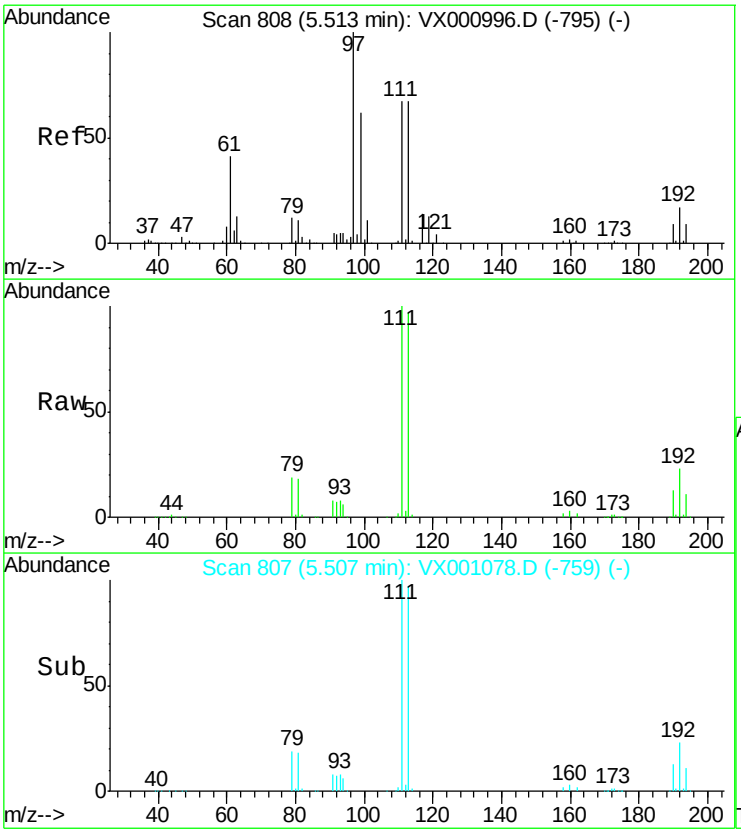

#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX001078.D
Acq: 24 Apr 2018 15:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0424WBL01

Tgt Ion:114 Resp: 347229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.0 | 0.0 | 39.4 |
| 88 | 15.5 | 0.0 | 29.8 |

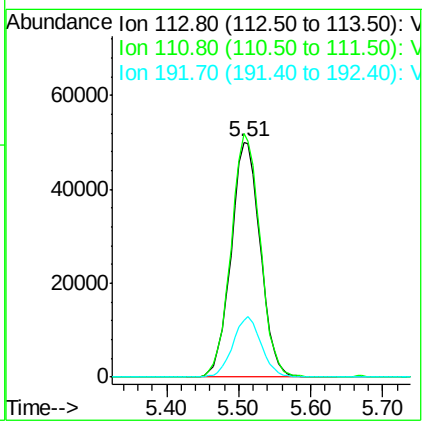


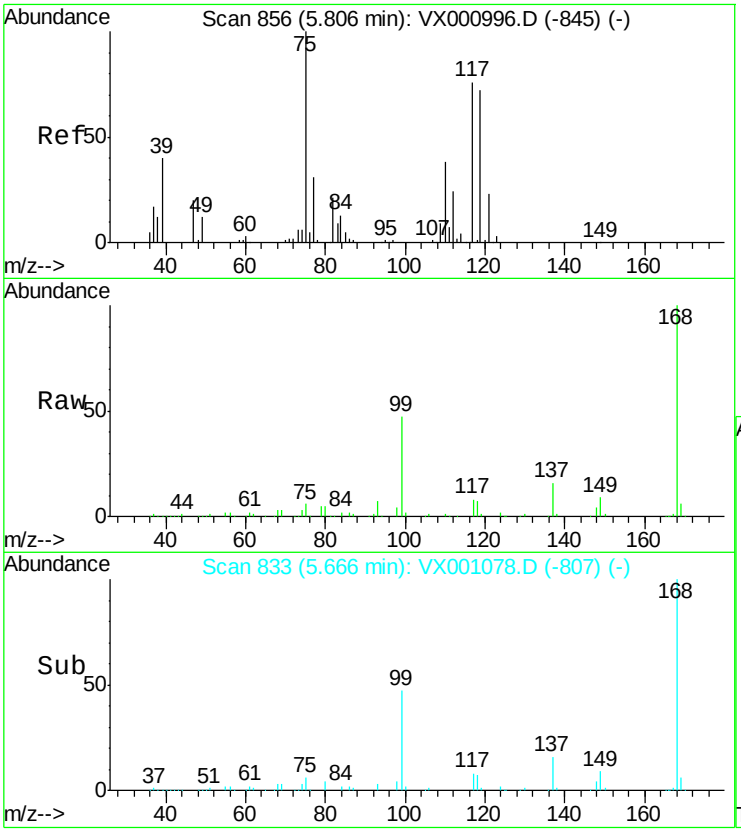




#35
Dibromofluoromethane
Concen: 53.28 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX001078.D
Acq: 24 Apr 2018 15:55

Tgt Ion:113 Resp: 141069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.0 | 81.4 | 122.2 |
| 192 | 24.9 | 20.4 | 30.6 |



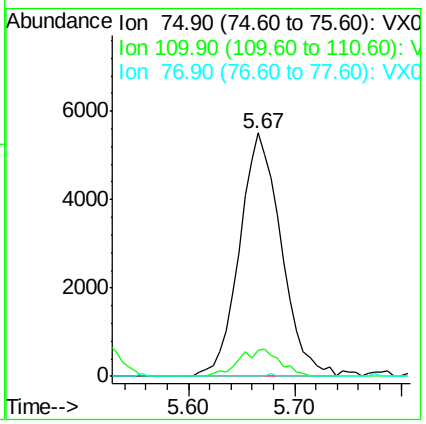


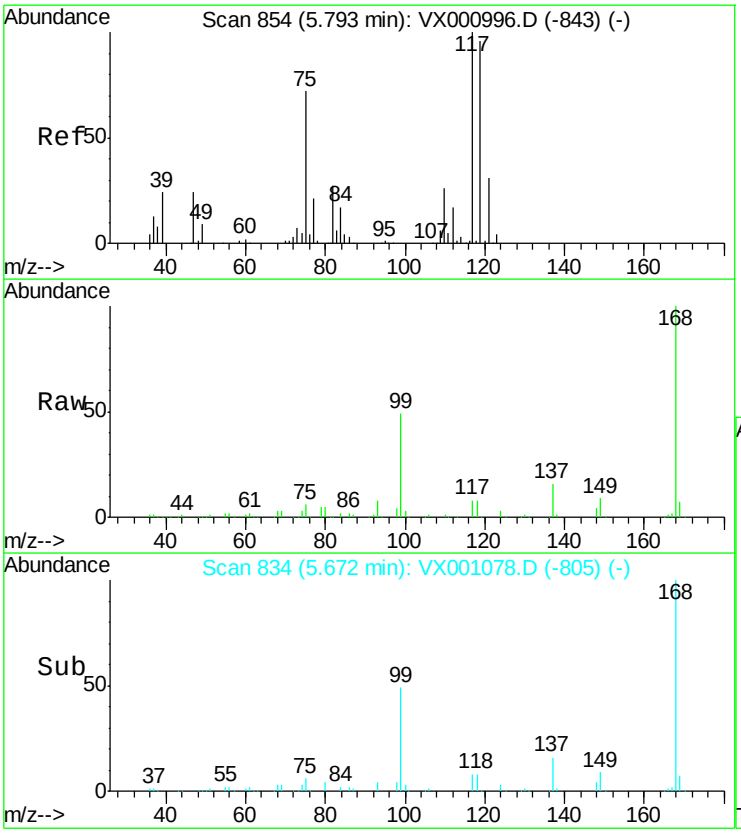

#36
1,1-Dichloropropene
Concen: 3.71 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX001078.D
Acq: 24 Apr 2018 15:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0424WBL01

Tgt Ion: 75 Resp: 15152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 11.0 | 18.7 | 56.1# |
| 77 | 0.1 | 25.0 | 37.4# |

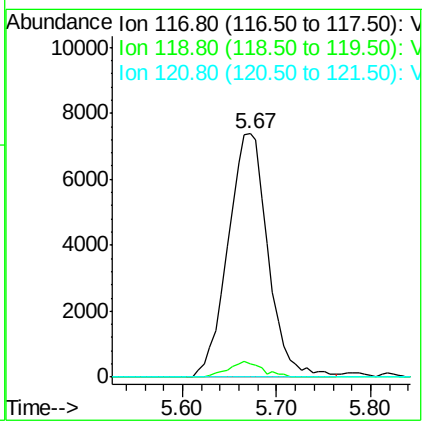


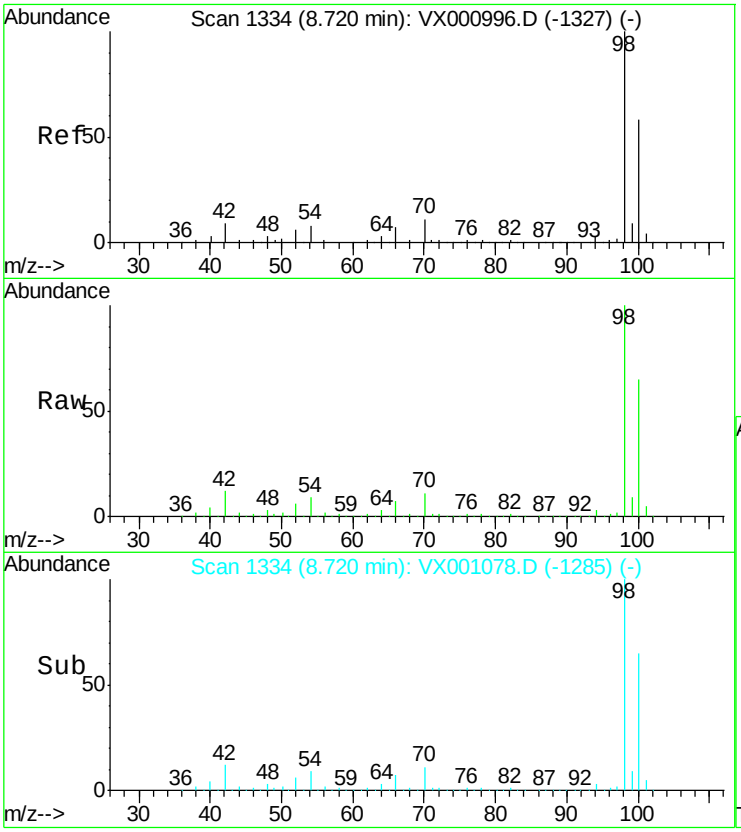




#38
Carbon Tetrachloride
Concen: 5.28 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001078.D
Acq: 24 Apr 2018 15:55

Tgt Ion:117 Resp: 21802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.4 | 76.5 | 114.7# |
| 121 | 0.0 | 24.5 | 36.7# |



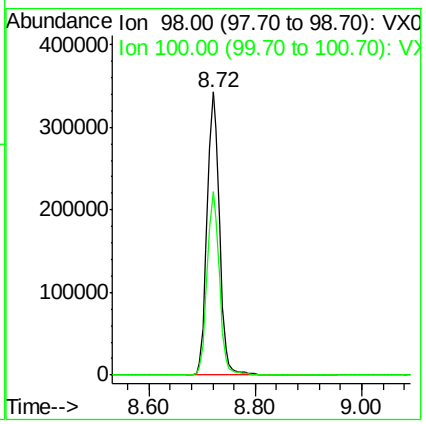


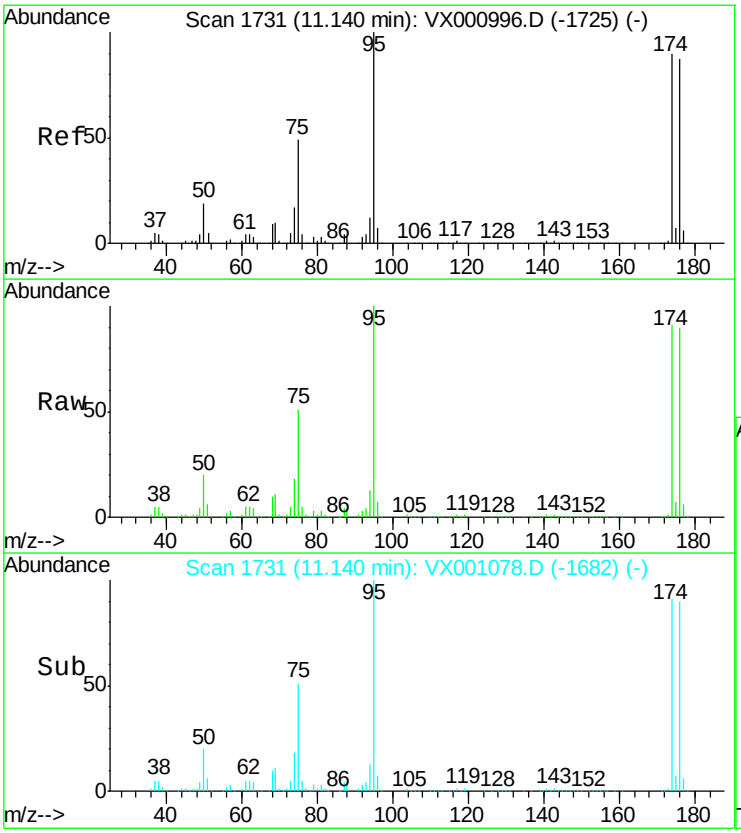

#50
Toluene-d8
Concen: 55.80 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001078.D
Acq: 24 Apr 2018 15:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0424WBL01

Tgt Ion: 98 Resp: 546304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.9 | 51.9 | 77.9 |

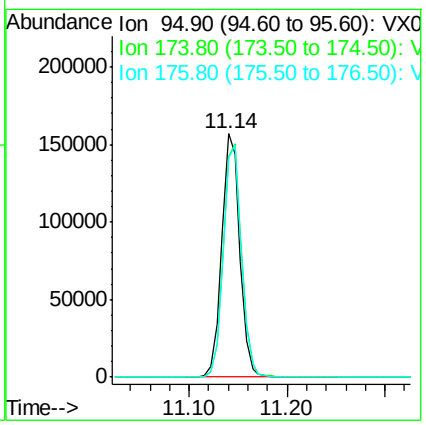


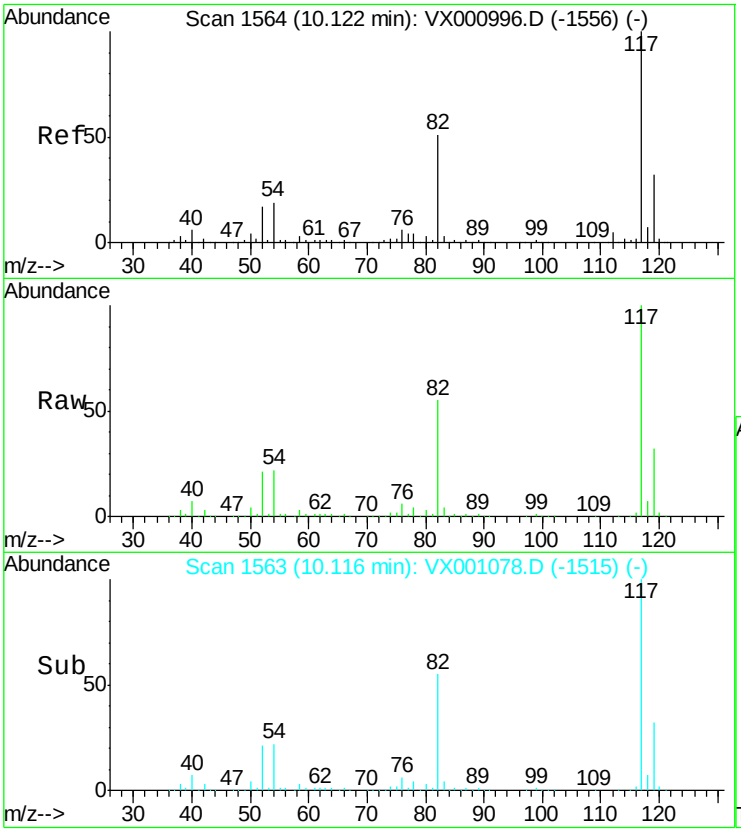




#62
4-Bromofluorobenzene
Concen: 48.49 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001078.D
Acq: 24 Apr 2018 15:55

Tgt Ion: 95 Resp: 199229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 97.1 | 0.0 | 198.4 |
| 176 | 95.9 | 0.0 | 192.0 |



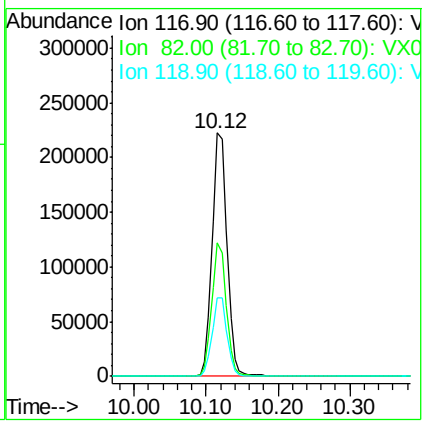


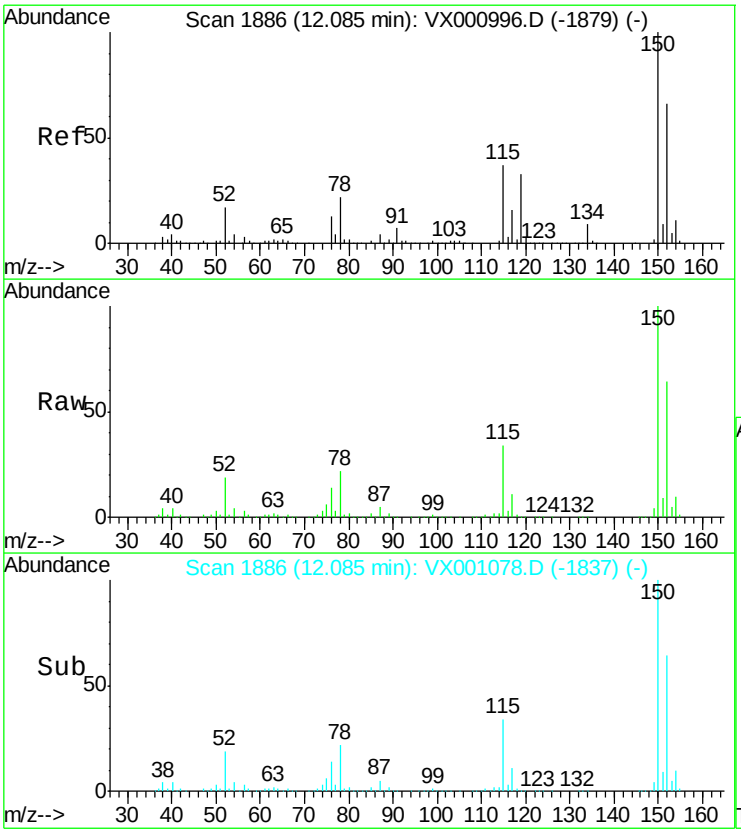

#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001078.D
Acq: 24 Apr 2018 15:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0424WBL01

Tgt Ion:117 Resp: 318929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.8 | 40.6 | 60.8 |
| 119 | 32.2 | 26.0 | 39.0 |

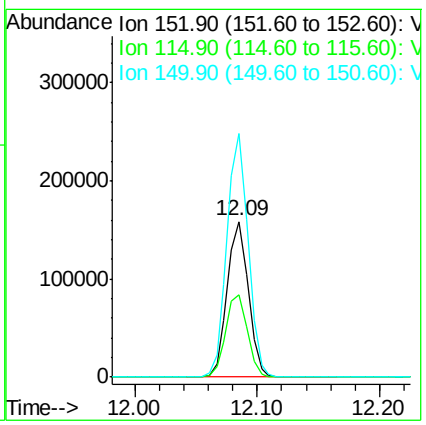


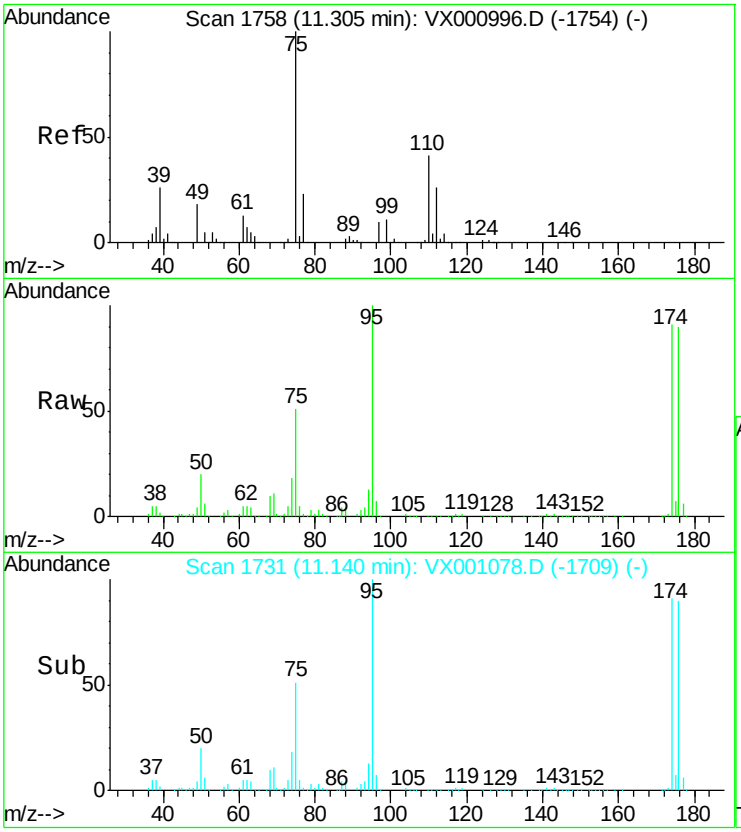




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001078.D
Acq: 24 Apr 2018 15:55

Tgt Ion:152 Resp: 189006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 54.6 | 38.2 | 114.6 |
| 150 | 156.8 | 0.0 | 350.4 |



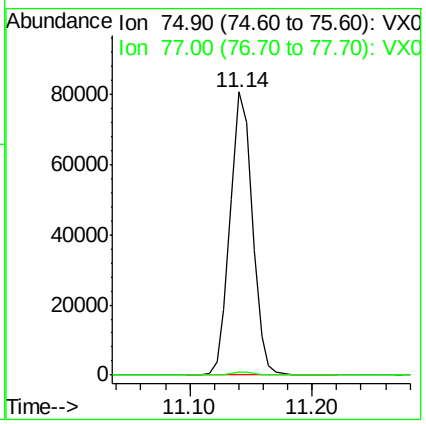


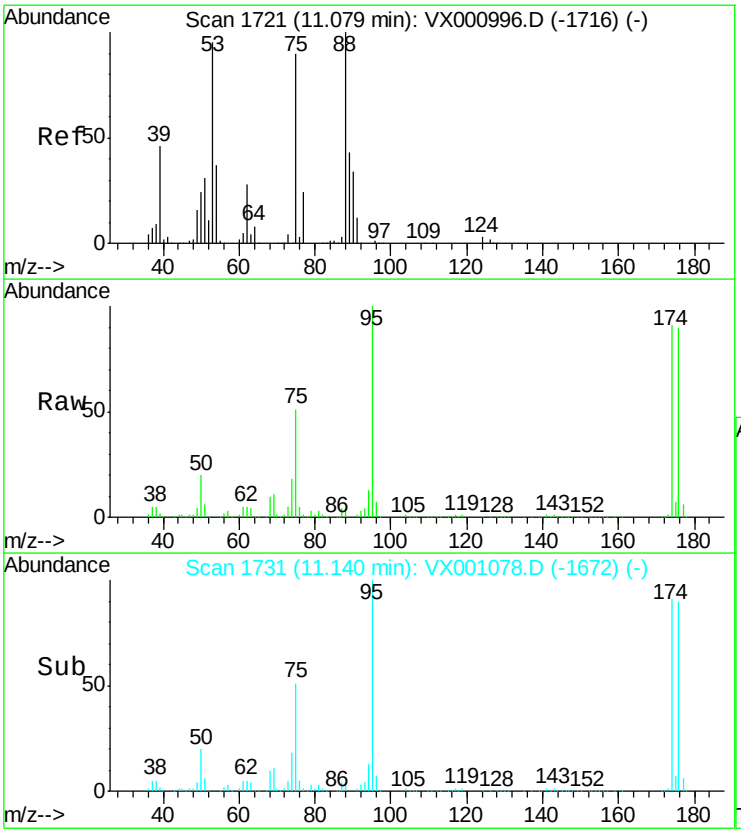

#76
1,2,3-Trichloropropane
Concen: 30.94 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001078.D
Acq: 24 Apr 2018 15:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0424WBL01

Tgt Ion: 75 Resp: 101457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.2 | 19.6 | 58.7# |




#81
trans-1,4-Dichloro-2-butene
Concen: 92.03 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001078.D
Acq: 24 Apr 2018 15:55

Tgt Ion: 75 Resp: 101457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 83.4 | 125.2# |
| 89 | 0.0 | 39.7 | 59.5# |