Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010920\
Data File : VX014492.D
Acq On : 09 Jan 2020 12:29
Operator : JC/SP
Sample : L1041-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jan 09 14:36:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.01 | 128 | 80980 | 30.00 | ug/l | 0.00 |
| 28) 1,4-Difluorobenzene | 6.85 | 114 | 446603 | 30.00 | ug/l | 0.00 |
| 57) Chlorobenzene-d5 | 10.11 | 117 | 392415 | 30.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 27) 1,2-Dichloroethane-d4 | 6.05 | 65 | 174560 | 30.10 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 50 - 169 | | Recovery = 100.33% | | | |
| 60) 4-Bromofluorobenzene | 11.13 | 95 | 171415 | 27.05 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 56 - 143 | | Recovery = 90.17% | | | |
| 63) Toluene-d8 | 8.71 | 98 | 527578 | 30.08 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 66 - 137 | | Recovery = 100.27% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 6) Chloroethane | 1.64 | 64 | 1292 | 0.354 | ug/l | 90 |
| 11) Methyl Iodide | 2.51 | 142 | 1964 | 0.336 | ug/l | 84 |
| 13) Acrolein | 2.33 | 56 | 245 | 0.288 | ug/l | 92 |
| 15) Acetone | 2.43 | 58 | 794 | 0.985 | ug/l # | 56 |
| 45) 1,4-Dioxane | 7.73 | 88 | 334 | 2.919 | ug/l # | 37 |

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

Quantitation Report (Not Reviewed)

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Data File : VX014492.D
Acq On : 09 Jan 2020 12:29
Operator : JC/SP
Sample : L1041-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jan 09 14:36:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 2019
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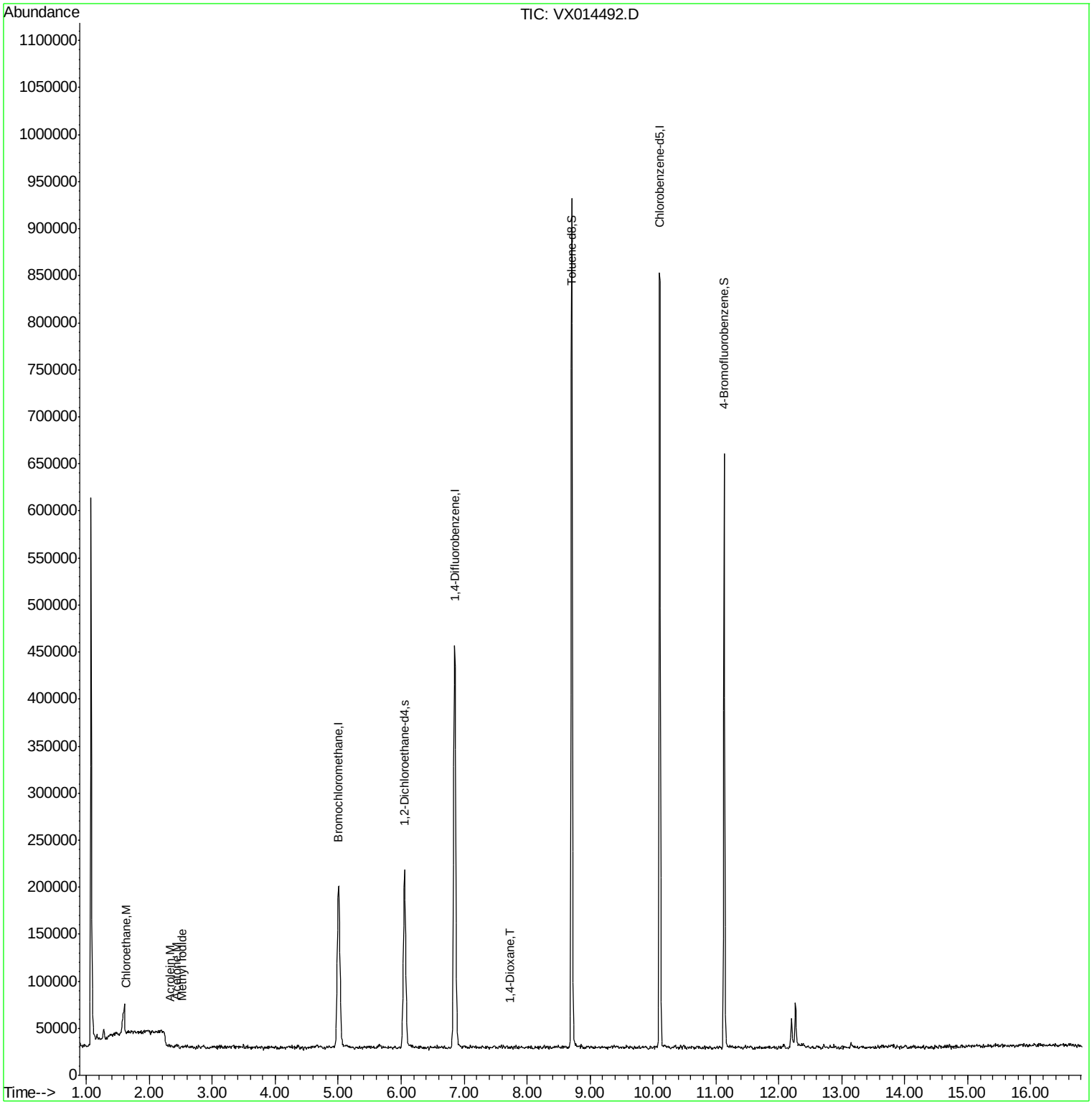
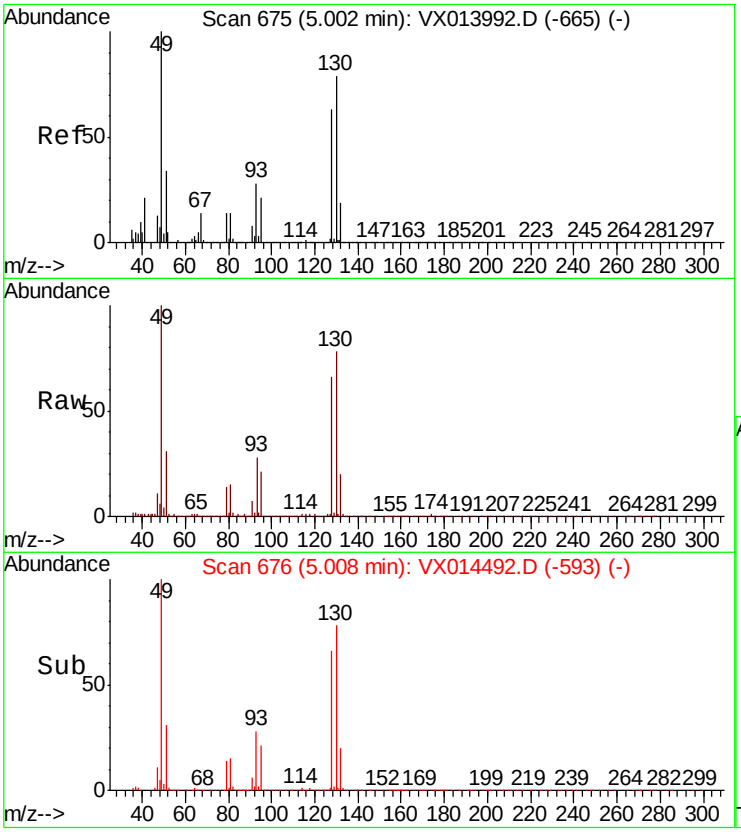


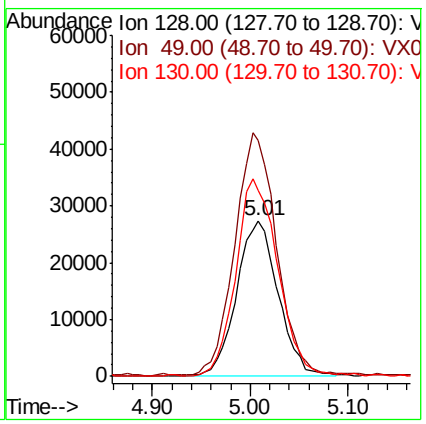


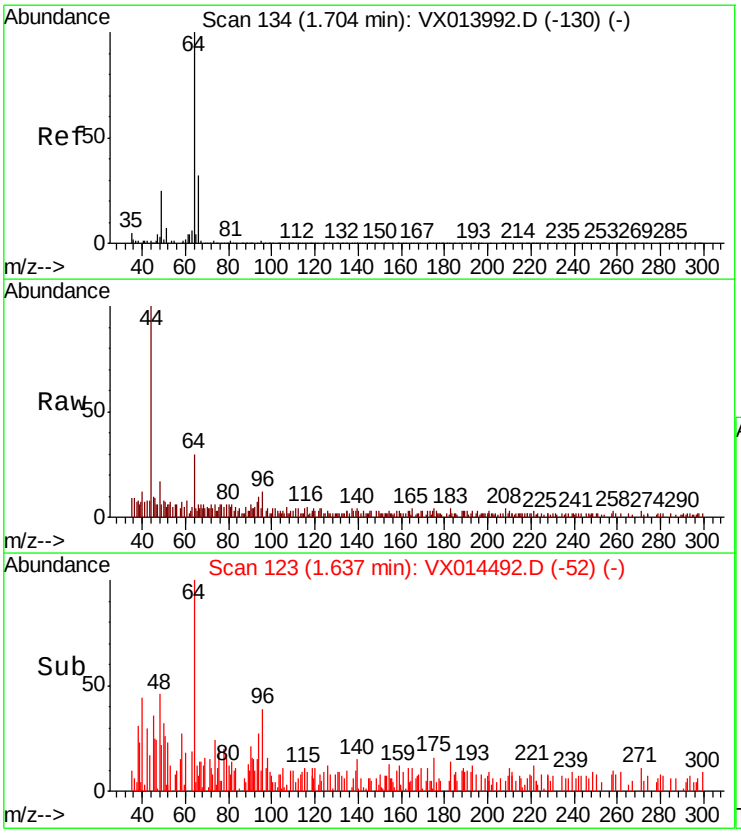

#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014492.D
Acq: 09 Jan 2020 12:29

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

Tgt Ion:128 Resp: 80980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 155.0 | 0.0 | 405.0 |
| 130 | 127.8 | 0.0 | 321.5 |

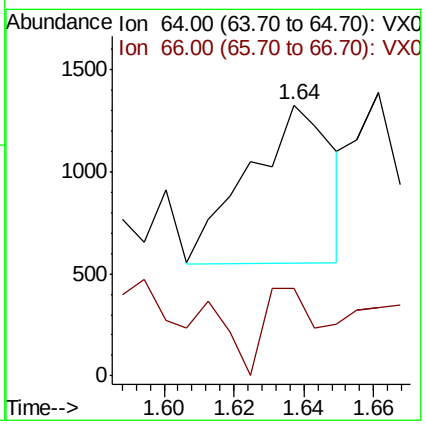


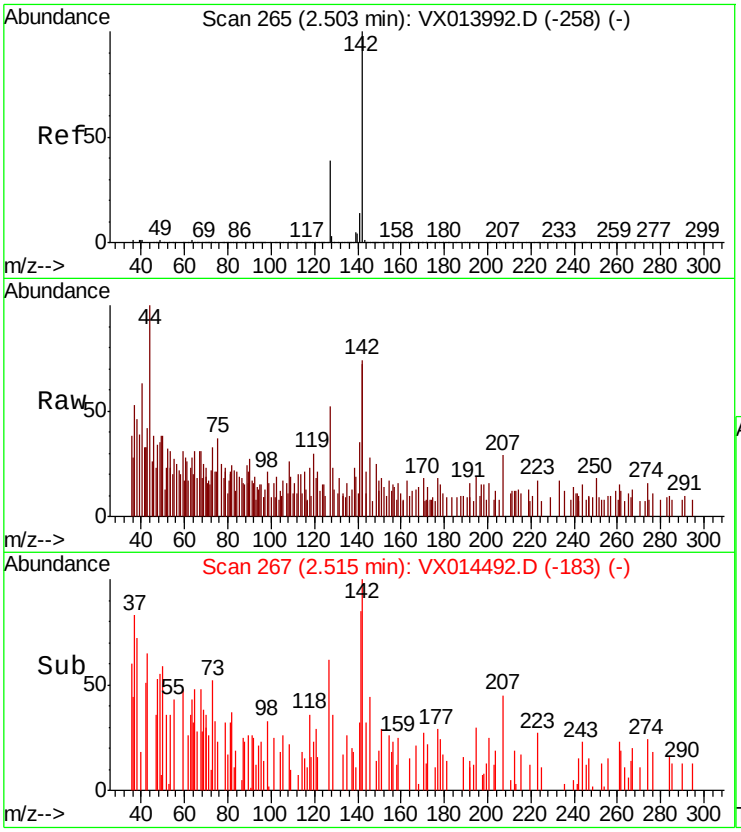




#6
Chloroethane
Concen: 0.354 ug/l
RT: 1.64 min Scan# 123
Delta R.T. -0.07 min
Lab File: VX014492.D
Acq: 09 Jan 2020 12:29

Tgt Ion: 64 Resp: 1292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 37.3 | 25.2 | 37.8 |



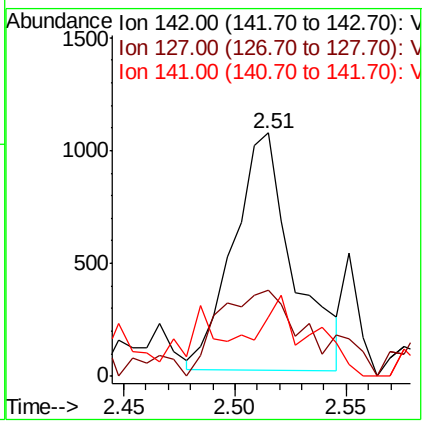


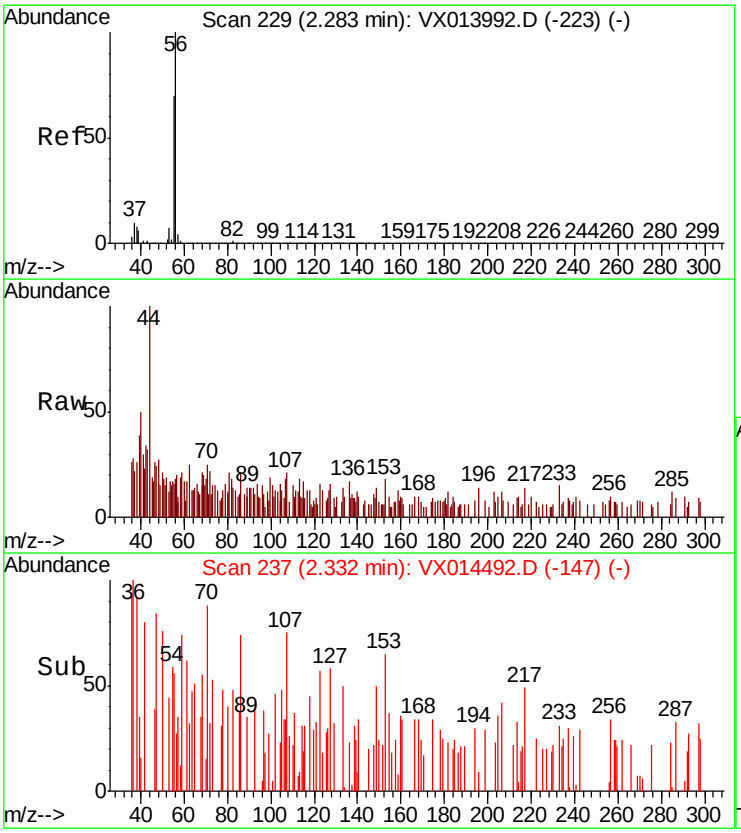

#11
Methyl Iodide
Concen: 0.336 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX014492.D
Acq: 09 Jan 2020 12:29

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

Tgt Ion:142 Resp: 1964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 26.4 | 19.5 | 58.5 |
| 141 | 15.8 | 7.0 | 20.9 |

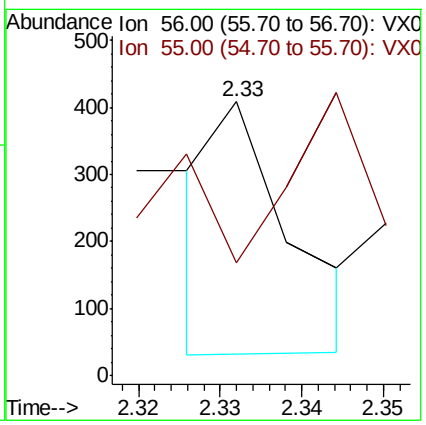


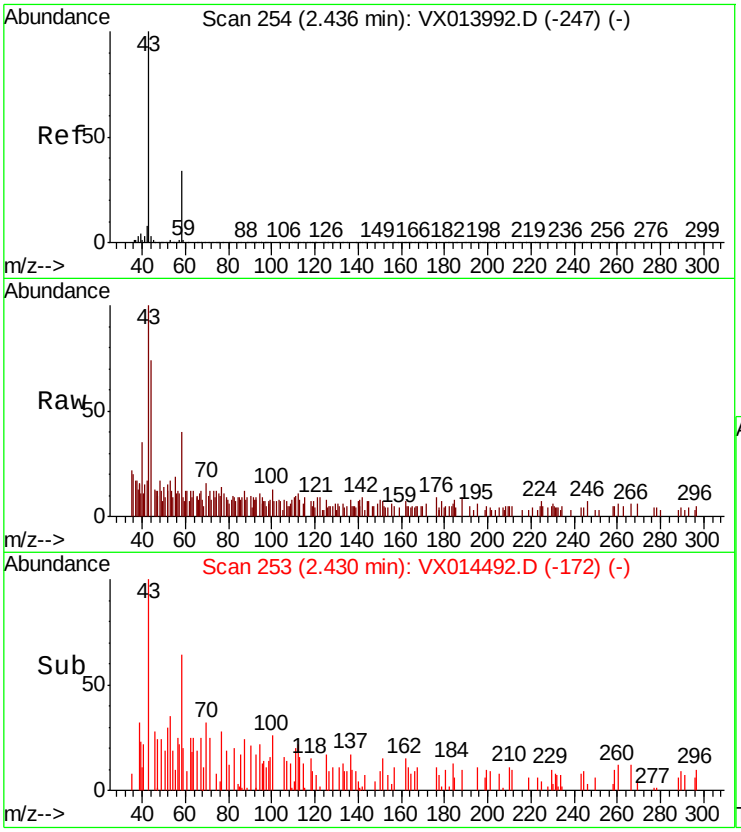




#13
Acrolein
Concen: 0.288 ug/l
RT: 2.33 min Scan# 237
Delta R.T. 0.05 min
Lab File: VX014492.D
Acq: 09 Jan 2020 12:29

Tgt Ion: 56 Resp: 245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 74.7 | 54.9 | 82.3 |



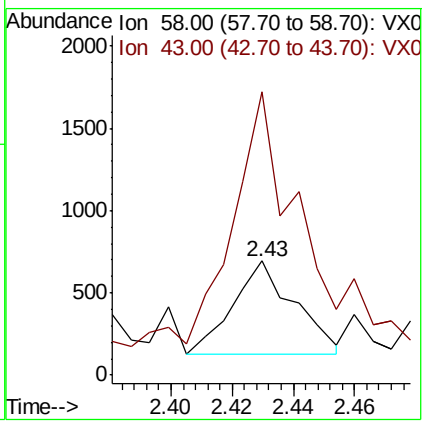


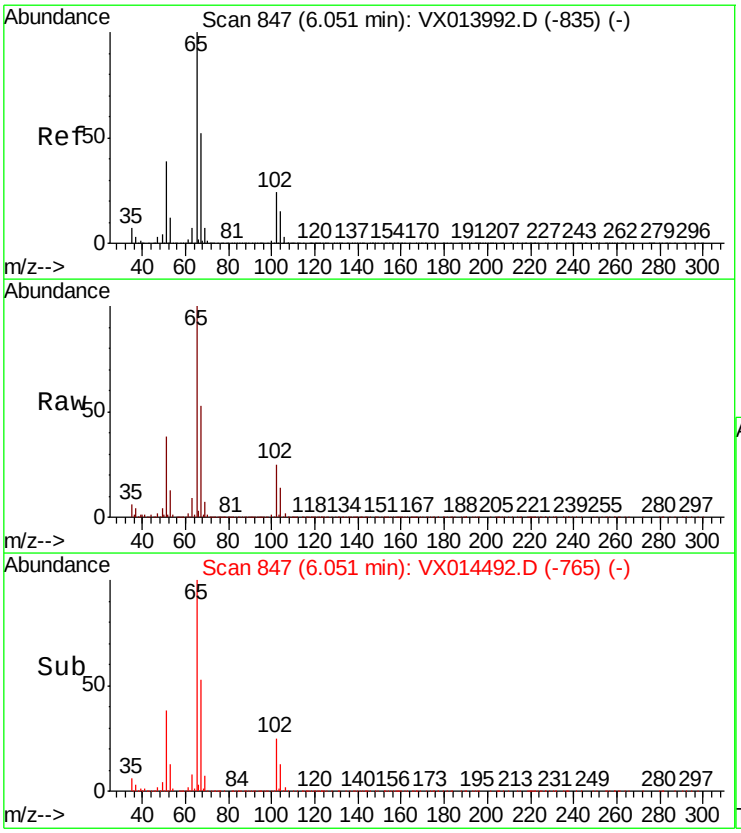

#15
Acetone
Concen: 0.985 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014492.D
Acq: 09 Jan 2020 12:29

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

Tgt Ion: 58 Resp: 794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 58 | 100 | | |
| 43 | 209.7 | 236.3 | 354.5# |

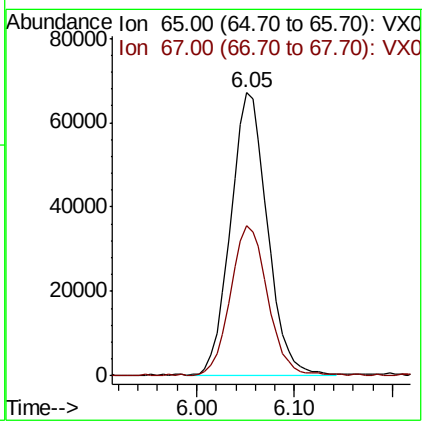


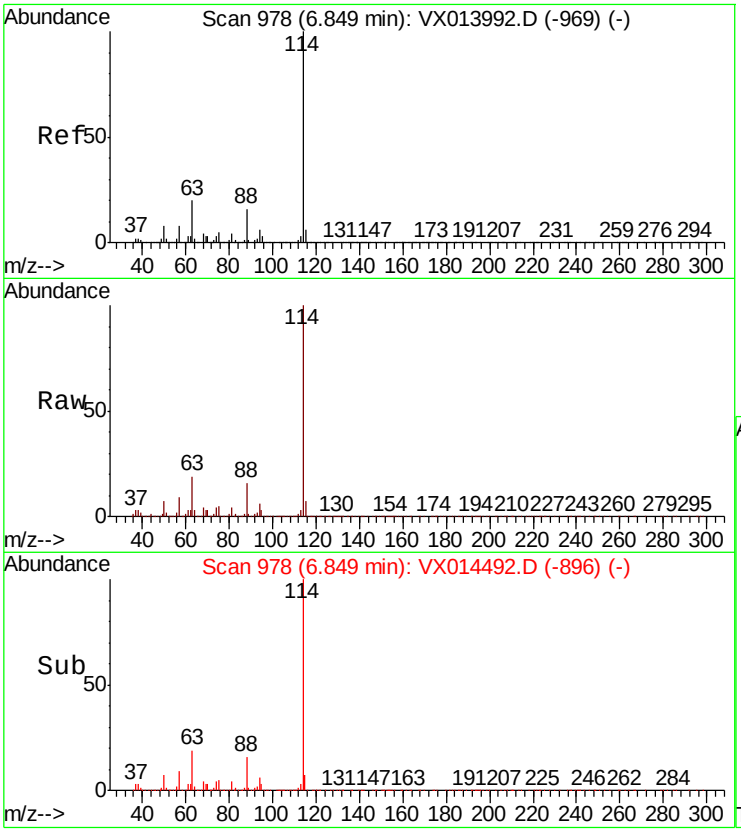




#27
1,2-Dichloroethane-d4
Concen: 30.099 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014492.D
Acq: 09 Jan 2020 12:29

Tgt Ion: 65 Resp: 174560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.0 | 43.1 | 64.7 |



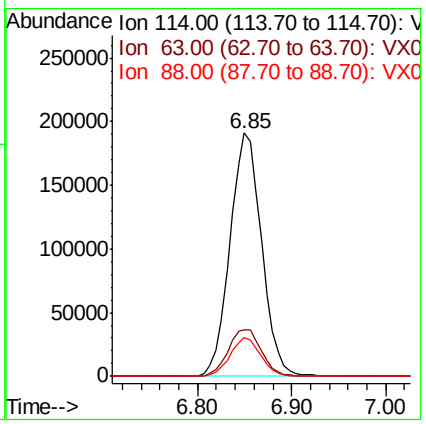


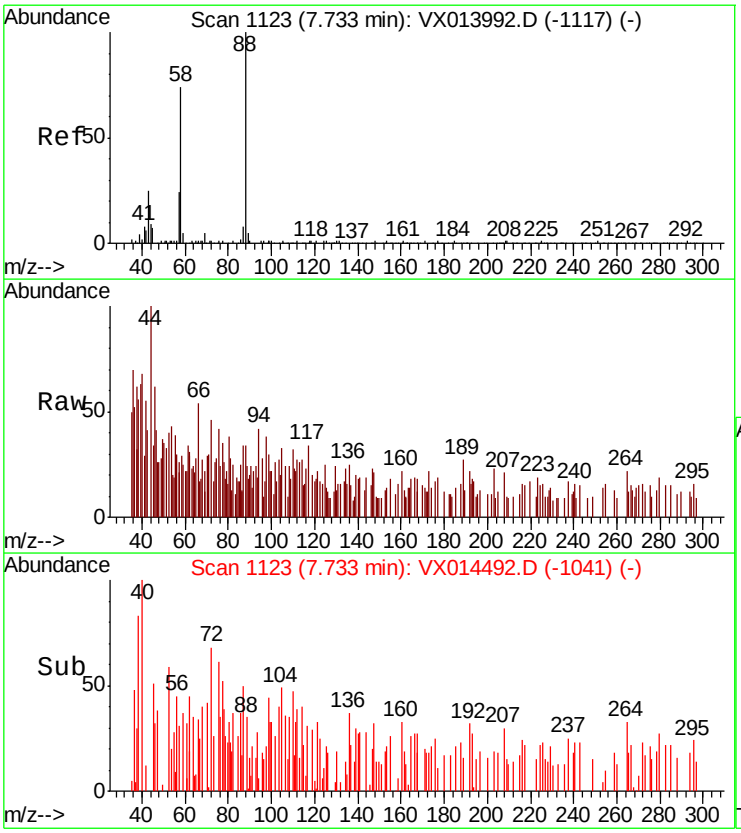

#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014492.D
Acq: 09 Jan 2020 12:29

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

Tgt Ion:114 Resp: 446603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.2 | 16.1 | 24.1 |
| 88 | 15.5 | 12.5 | 18.7 |

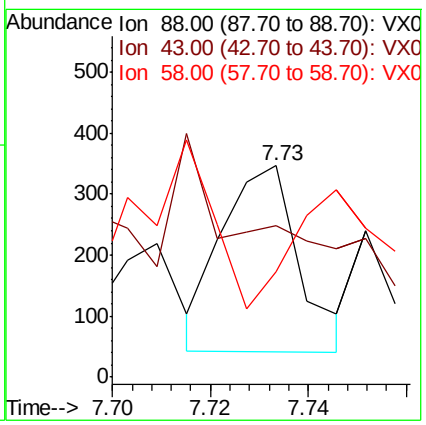


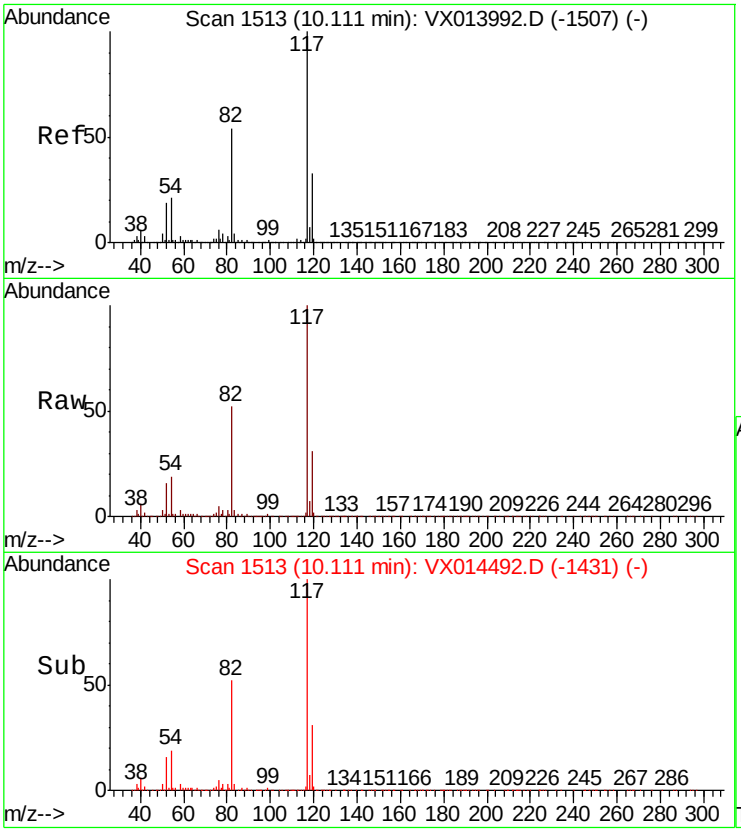




#45
1,4-Dioxane
Concen: 2.919 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014492.D
Acq: 09 Jan 2020 12:29

Tgt Ion: 88 Resp: 334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 39.2 | 25.4 | 38.2# |
| 58 | 0.0 | 56.5 | 84.7# |



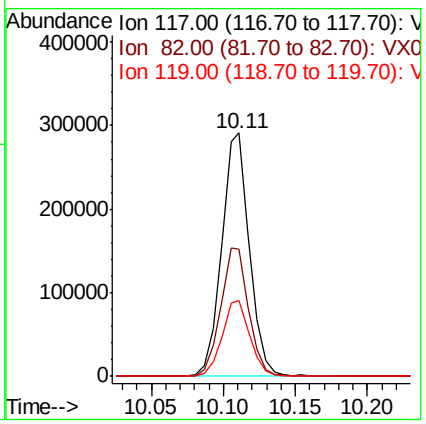


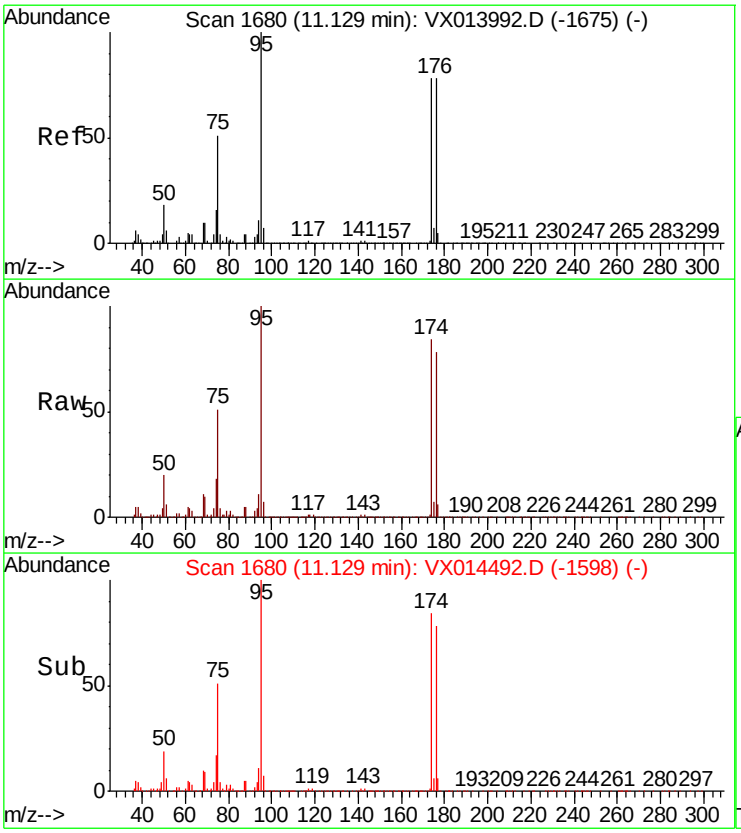

#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014492.D
Acq: 09 Jan 2020 12:29

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

Tgt Ion:117 Resp: 392415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.6 | 43.8 | 65.6 |
| 119 | 31.6 | 25.8 | 38.6 |

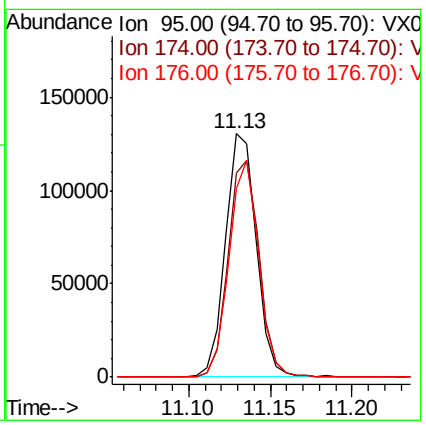


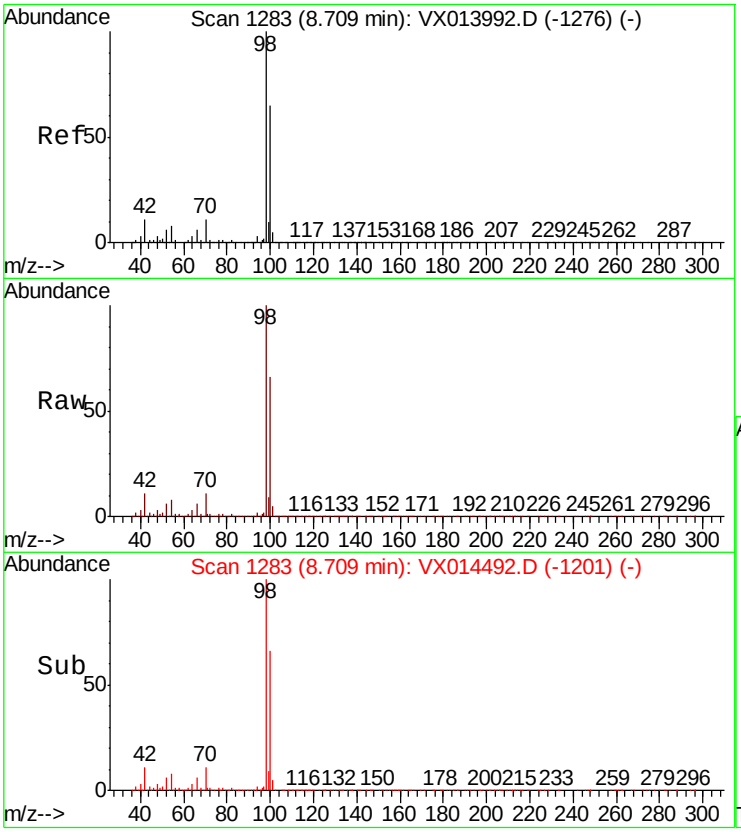




#60
4-Bromofluorobenzene
Concen: 27.051 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014492.D
Acq: 09 Jan 2020 12:29

Tgt Ion: 95 Resp: 171415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 89.4 | 70.2 | 105.2 |
| 176 | 85.9 | 68.3 | 102.5 |






#63
Toluene-d8
Concen: 30.078 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014492.D
Acq: 09 Jan 2020 12:29

Tgt Ion: 98 Resp: 527578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.1 | 52.2 | 78.2 |

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