Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
Data File : VX037946.D
Acq On : 28 Sep 2023 13:27
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Sep 29 05:12:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Sep 28 06:08:32 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Bromochloromethane | 0.000 | 128 | 0 | 0.000 | ug/l | -4.90 |
| 28) 1,4-Difluorobenzene | 6.763 | 114 | 379517 | 30.000 | ug/l | 0.00 |
| 57) Chlorobenzene-d5 | 10.055 | 117 | 363643 | 30.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 27) 1,2-Dichloroethane-d4 | 5.952 | 65 | 135790 | 0.000 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 91 - 110 | | Recovery = 0.000%# | | | |
| 60) 4-Bromofluorobenzene | 11.079 | 95 | 172063 | 29.025 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 63 - 112 | | Recovery = 96.767% | | | |
| 63) Toluene-d8 | 8.647 | 98 | 461665 | 29.409 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 91 - 112 | | Recovery = 98.033% | | | |
| Target Compounds | | | | | | Qvalue |

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

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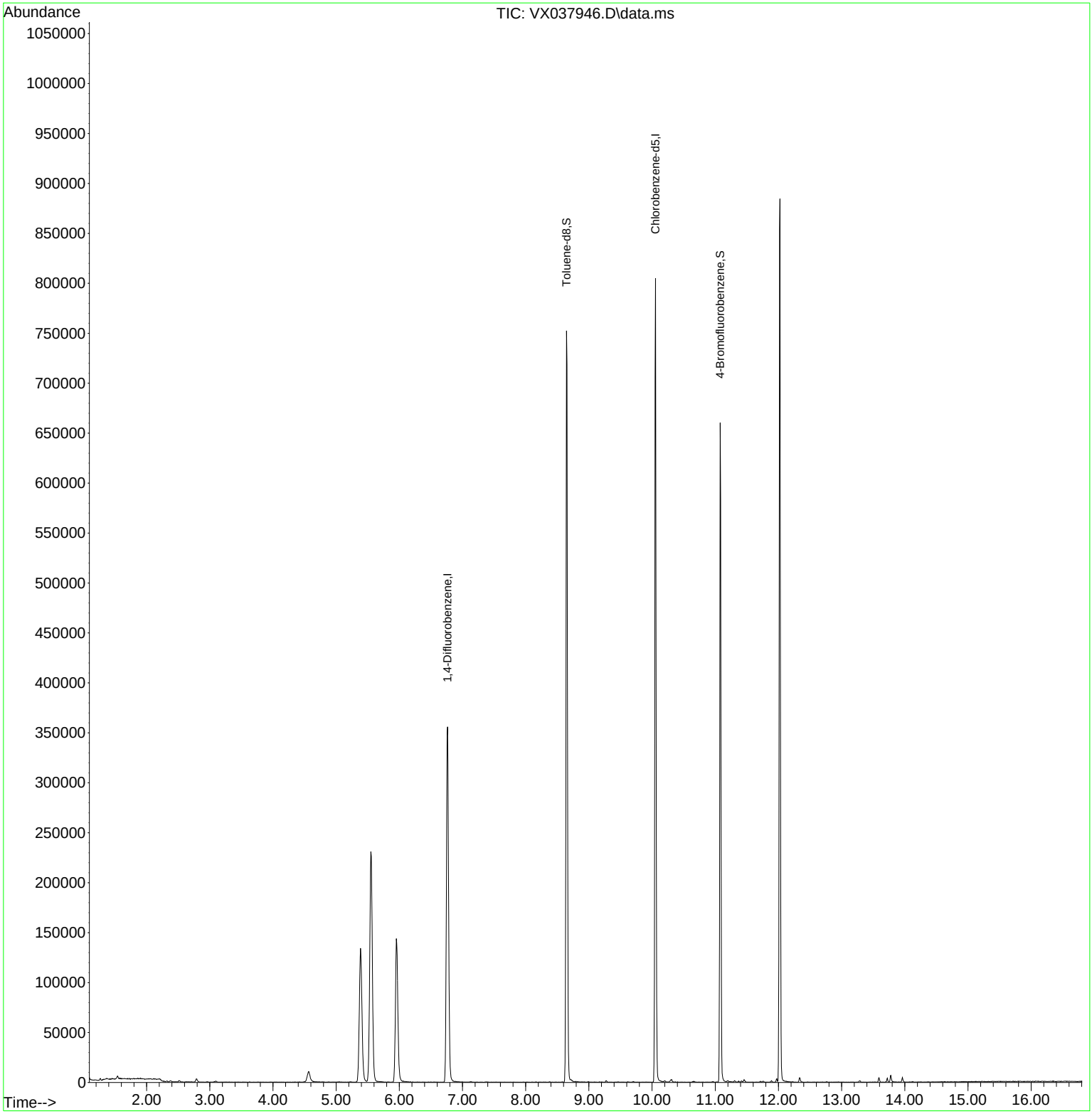
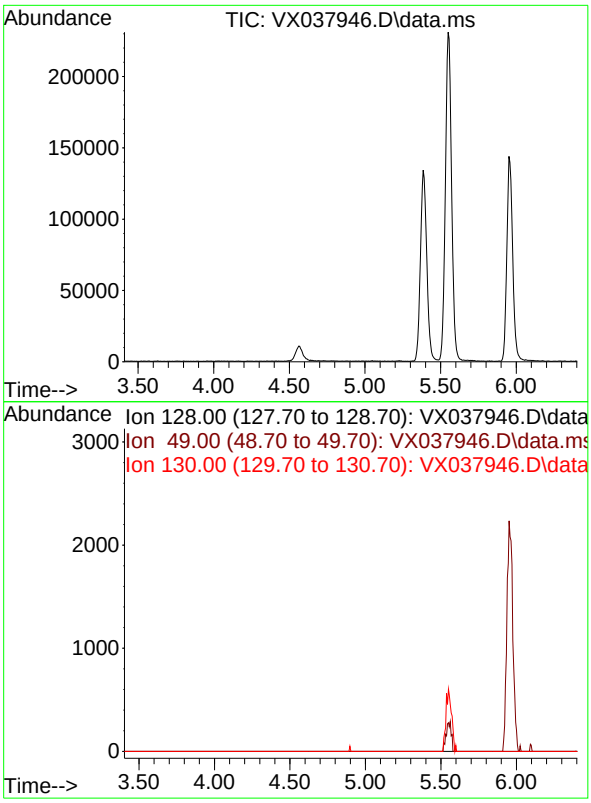




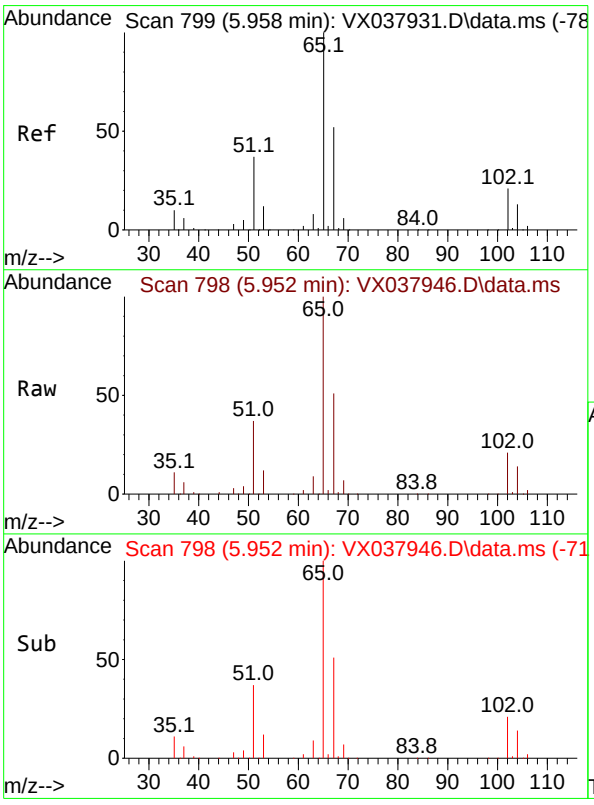

#1
Bromochloromethane
Concen: 0.000 ug/l
Expected RT: 4.90 min

Lab File: VX037946.D
Acq: 28 Sep 2023 13:27

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

Tgt Ion: 128

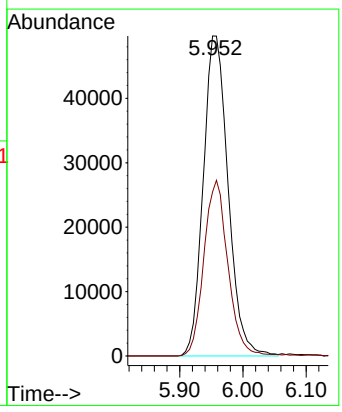
| Sig | Exp Ratio |
|---|---|
| 128 | 100 |
| 49 | 162.5 |
| 130 | 131.2 |

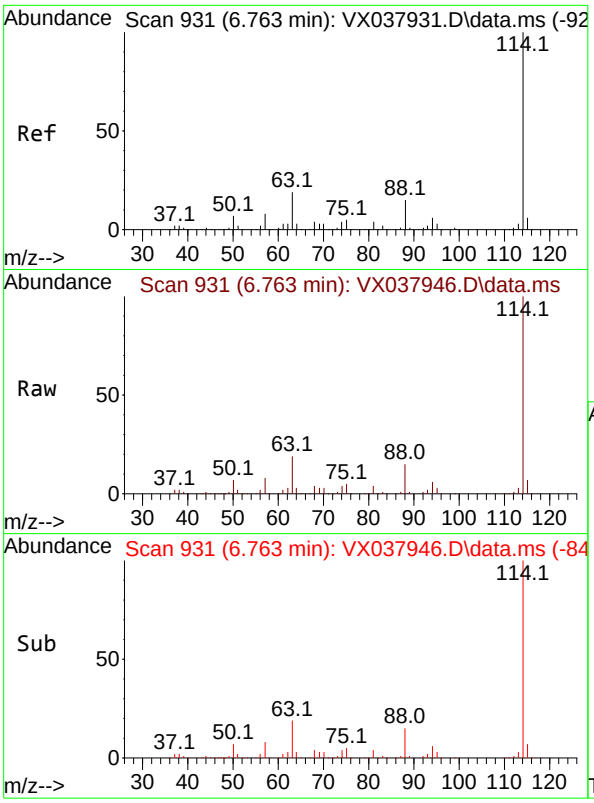



#27
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037946.D
Acq: 28 Sep 2023 13:27

Tgt Ion: 65 Resp: 135790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.0 | 42.1 | 63.1 |



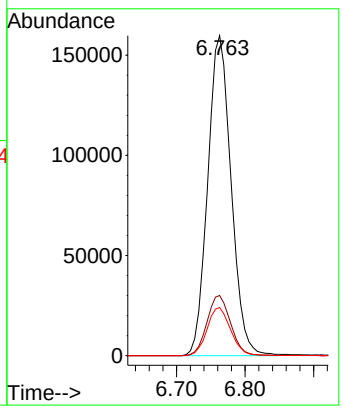


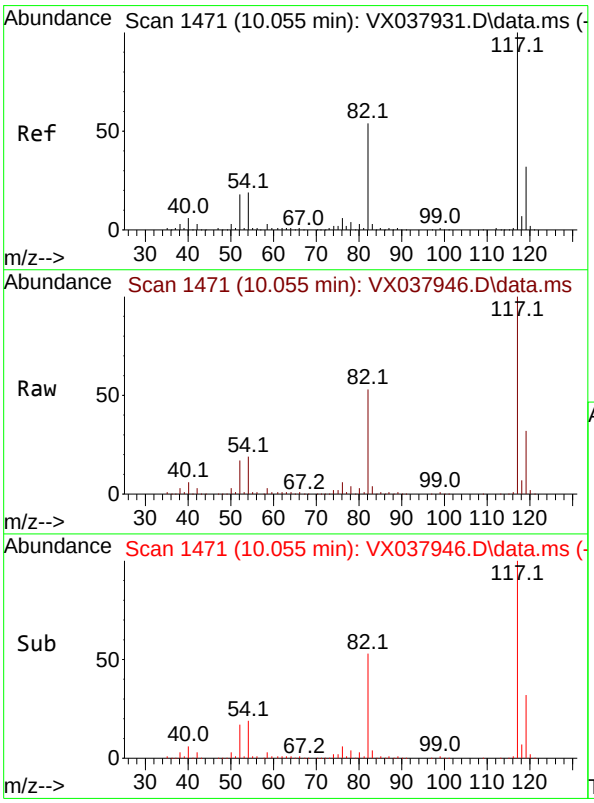

#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX037946.D
Acq: 28 Sep 2023 13:27

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

Tgt Ion:114 Resp: 379517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.9 | 16.6 | 24.8 |
| 88 | 15.2 | 12.9 | 19.3 |

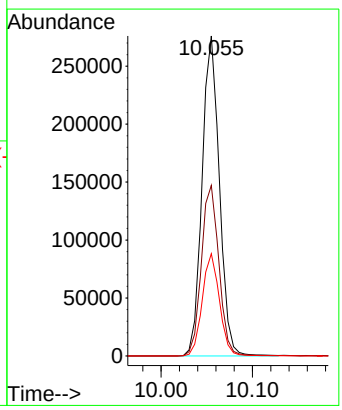


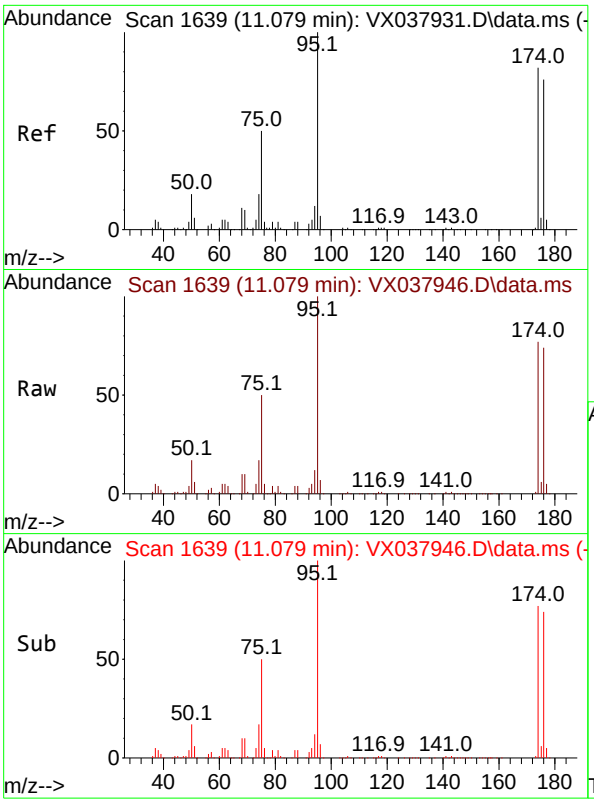




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037946.D
Acq: 28 Sep 2023 13:27

Tgt Ion:117 Resp: 363643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.2 | 44.7 | 67.1 |
| 119 | 31.8 | 25.6 | 38.4 |



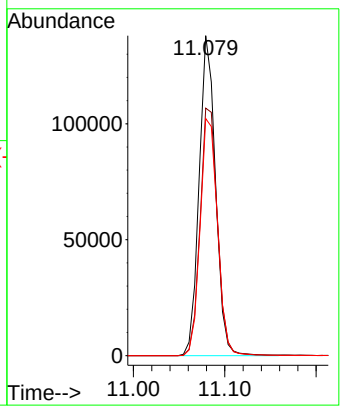


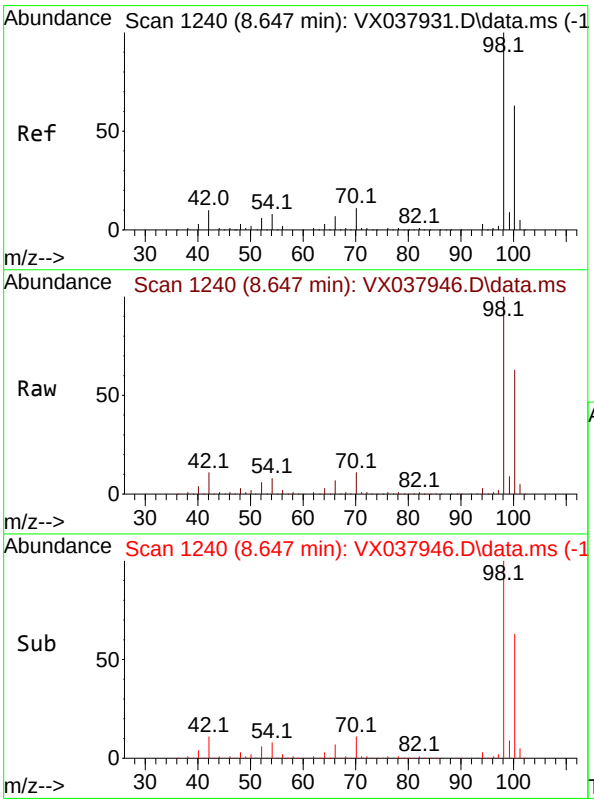

#60
4-Bromofluorobenzene
Concen: 29.025 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037946.D
Acq: 28 Sep 2023 13:27

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

Tgt Ion: 95 Resp: 172063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 82.0 | 60.5 | 90.7 |
| 176 | 78.5 | 58.2 | 87.4 |




#63
Toluene-d8
Concen: 29.409 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037946.D
Acq: 28 Sep 2023 13:27

Tgt Ion: 98 Resp: 461665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.3 | 51.6 | 77.4 |